

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066370.D
 Acq On : 21 Aug 2020 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 02:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	199277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	289567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	271087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	143289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121002	61.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.86%	
35) Dibromofluoromethane	7.91	113	104228	57.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.12%	
50) Toluene-d8	10.33	98	389696	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
62) 4-Bromofluorobenzene	12.63	95	139280	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	81759	48.260	ug/l	95
3) Chloromethane	2.20	50	62861	52.346	ug/l	100
4) Vinyl Chloride	2.34	62	65135	50.518	ug/l	96
5) Bromomethane	2.77	94	49644	51.477	ug/l	99
6) Chloroethane	2.91	64	44056	53.362	ug/l	96
7) Trichlorofluoromethane	3.27	101	181722	51.831	ug/l	99
8) Diethyl Ether	3.70	74	42807	54.493	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	86670	50.090	ug/l	99
10) Methyl Iodide	4.30	142	98761	50.045	ug/l	96
11) Tert butyl alcohol	5.23	59	32894	303.030	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	83037	51.126	ug/l	93
13) Acrolein	3.91	56	18285	210.762	ug/l	97
14) Allyl chloride	4.71	41	112153	51.734	ug/l	94
15) Acrylonitrile	5.43	53	86342	273.942	ug/l	96
16) Acetone	4.15	43	80481	228.495	ug/l	95
17) Carbon Disulfide	4.40	76	253280	51.457	ug/l	99
18) Methyl Acetate	4.71	43	34722	52.524	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	226786	57.989	ug/l	94
20) Methylene Chloride	4.97	84	106166	57.335	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	99211	52.475	ug/l	95
22) Diisopropyl ether	6.36	45	234144	55.785	ug/l	97
23) Vinyl Acetate	6.30	43	730836	281.269	ug/l	99
24) 1,1-Dichloroethane	6.26	63	160216	54.016	ug/l	99
25) 2-Butanone	7.20	43	108479	271.293	ug/l	98
26) 2,2-Dichloropropane	7.21	77	162928	51.251	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	111735	55.156	ug/l	98
28) Bromochloromethane	7.54	49	57180	55.966	ug/l	98
29) Tetrahydrofuran	7.56	42	62388	274.698	ug/l	97
30) Chloroform	7.70	83	194341	56.630	ug/l	98
31) Cyclohexane	7.98	56	126888	46.775	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	192258	54.739	ug/l	100
36) 1,1-Dichloropropene	8.11	75	137716	52.123	ug/l	98
37) Ethyl Acetate	7.29	43	48180	53.615	ug/l #	90
38) Carbon Tetrachloride	8.09	117	184743	53.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	155653	50.011	ug/l	96
40) Benzene	8.34	78	374912	53.940	ug/l	95
41) Methacrylonitrile	7.56	41	37339	67.379	ug/l #	42
42) 1,2-Dichloroethane	8.42	62	139766	57.094	ug/l	99
43) Isopropyl Acetate	8.45	43	97908	54.283	ug/l	98
44) Trichloroethene	9.11	130	118441	52.442	ug/l	97
45) 1,2-Dichloropropane	9.38	63	82849	52.578	ug/l	94
46) Dibromomethane	9.47	93	55439	56.508	ug/l	98
47) Bromodichloromethane	9.66	83	152278	56.440	ug/l	95
48) Methyl methacrylate	9.45	41	48697	52.357	ug/l	95
49) 1,4-Dioxane	9.46	88	12721	1116.667	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	240977	276.178	ug/l	99
52) Toluene	10.40	92	257456	54.673	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	141919	55.435	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	157696	54.877	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	71656	53.951	ug/l	96
56) Ethyl methacrylate	10.66	69	85829	55.823	ug/l	94
57) 1,3-Dichloropropane	10.94	76	118956	54.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	180833	283.185	ug/l	96
59) 2-Hexanone	10.98	43	167137	271.564	ug/l	97
60) Dibromochloromethane	11.14	129	112339	56.113	ug/l	99
61) 1,2-Dibromoethane	11.24	107	70734	54.117	ug/l	99
64) Tetrachloroethene	10.87	164	111090	54.020	ug/l	96
65) Chlorobenzene	11.67	112	290115	53.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	118420	53.728	ug/l	99
67) Ethyl Benzene	11.74	91	511346	53.862	ug/l	98
68) m/p-Xylenes	11.85	106	387244	107.017	ug/l	97
69) o-Xylene	12.18	106	181783	54.001	ug/l	98
70) Styrene	12.19	104	315885	54.651	ug/l	99
71) Bromoform	12.36	173	69318	55.434	ug/l #	100
73) Isopropylbenzene	12.48	105	499574	52.045	ug/l	98
74) N-amyl acetate	12.28	43	93585	53.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	70756	51.601	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	105656	104.813	ug/l	20
77) Bromobenzene	12.76	156	131576	54.006	ug/l	98
78) n-propylbenzene	12.82	91	562285	51.089	ug/l	100
79) 2-Chlorotoluene	12.91	91	329616	52.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	439031	52.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	25377	53.437	ug/l	99
82) 4-Chlorotoluene	13.00	91	346554	52.037	ug/l	98
83) tert-Butylbenzene	13.23	119	375705	52.191	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	439651	54.009	ug/l	99
85) sec-Butylbenzene	13.40	105	488788	51.824	ug/l	99
86) p-Isopropyltoluene	13.52	119	477026	52.453	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	240609	52.907	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	239637	52.480	ug/l	99
89) n-Butylbenzene	13.84	91	406850	50.696	ug/l	99
90) Hexachloroethane	14.11	117	90782	50.532	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	211250	53.959	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15738	54.723	ug/l	91

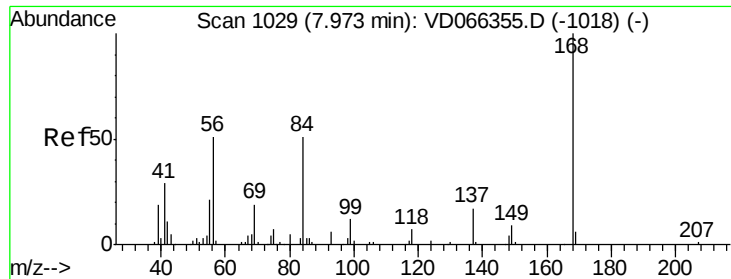
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160616	52.551	ug/l	99
94) Hexachlorobutadiene	15.27	225	95828	50.453	ug/l	99
95) Naphthalene	15.40	128	264598	55.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	140825	53.786	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

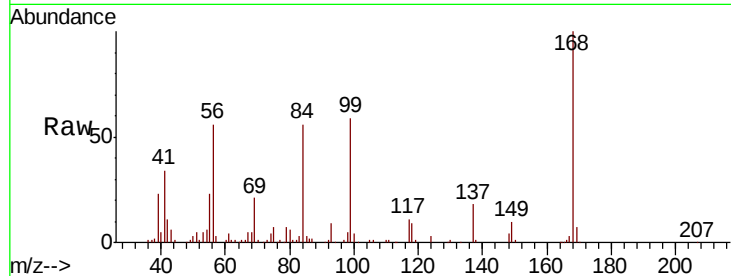
VSTDCCC050EC

Tot Ion:168 Resp: 199277

Ion Ratio Lower Upper

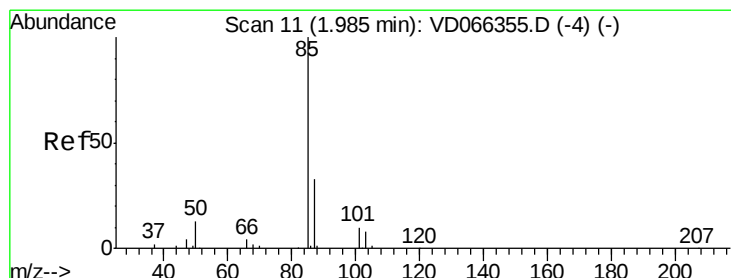
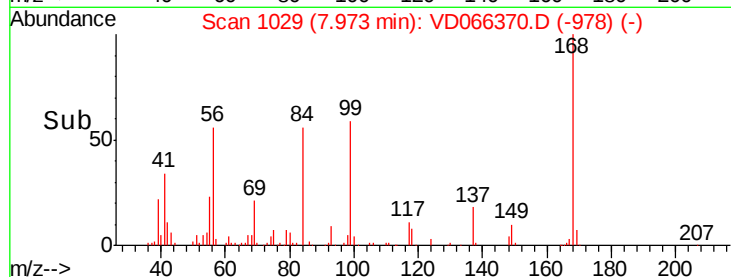
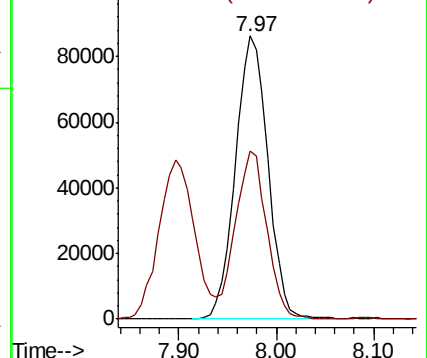
168 100

99 58.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.260 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066370.D

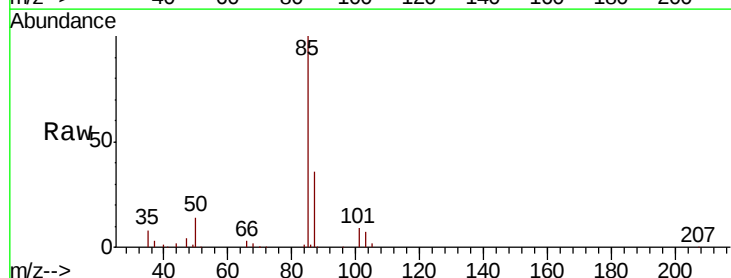
Acq: 21 Aug 2020 20:09

Tgt Ion: 85 Resp: 81759

Ion Ratio Lower Upper

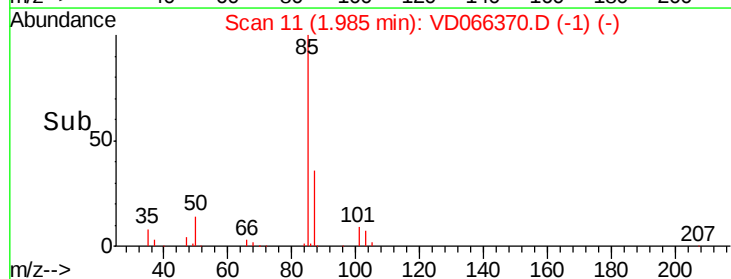
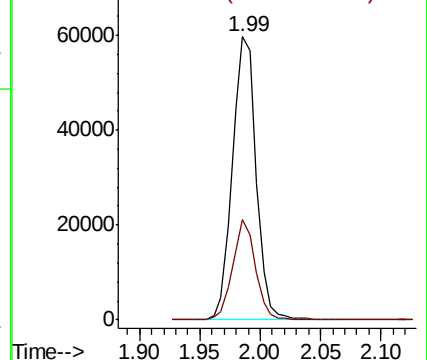
85 100

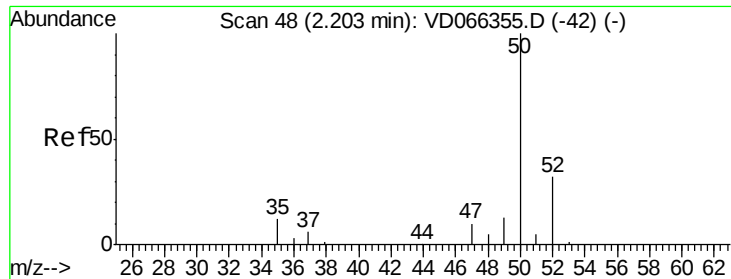
87 35.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.346 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

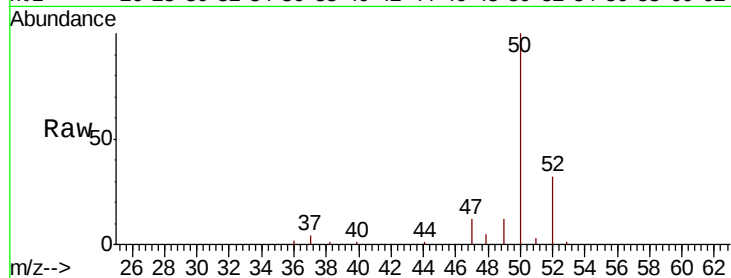
VSTDCCC050EC

Tot Ion: 50 Resp: 62861

Ion Ratio Lower Upper

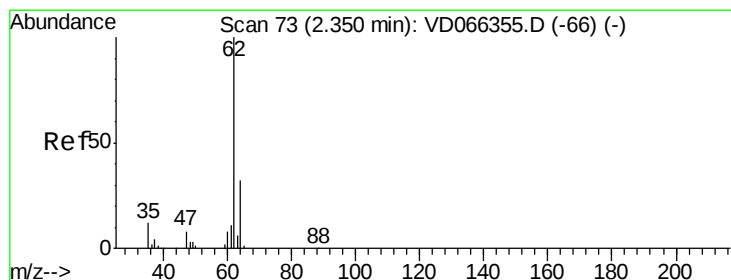
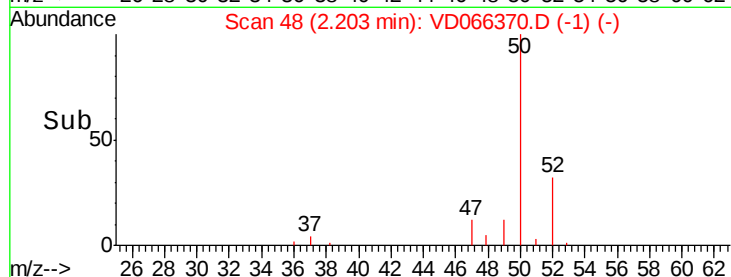
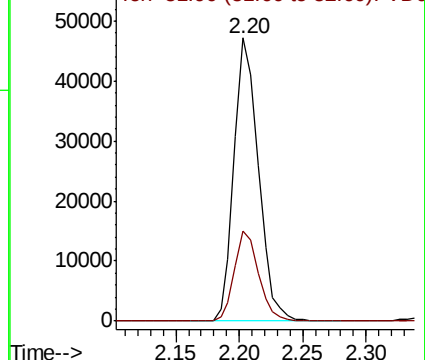
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.518 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066370.D

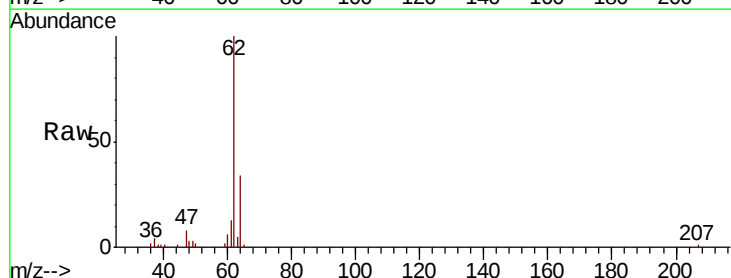
Acq: 21 Aug 2020 20:09

Tgt Ion: 62 Resp: 65135

Ion Ratio Lower Upper

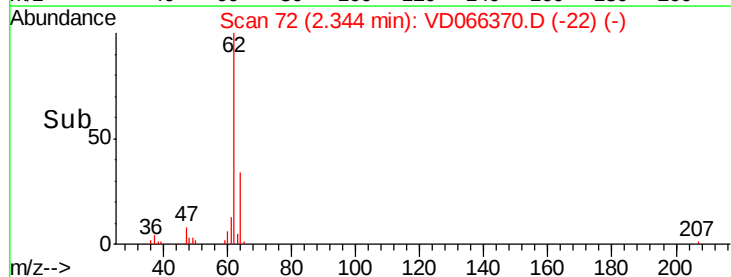
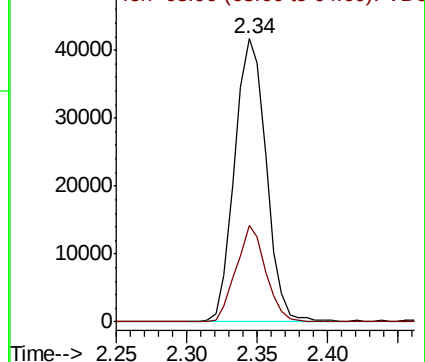
62 100

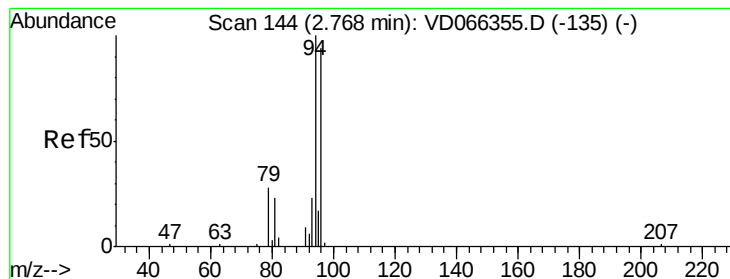
64 34.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.477 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

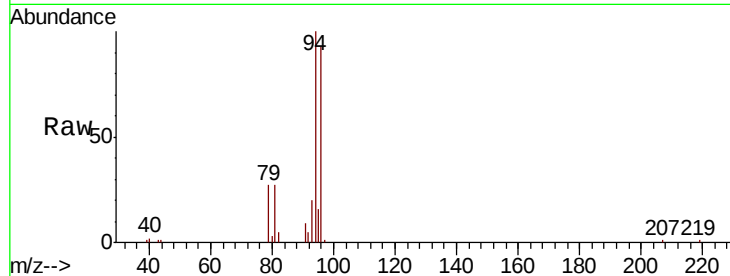
VSTDCCC050EC

Tot Ion: 94 Resp: 49644

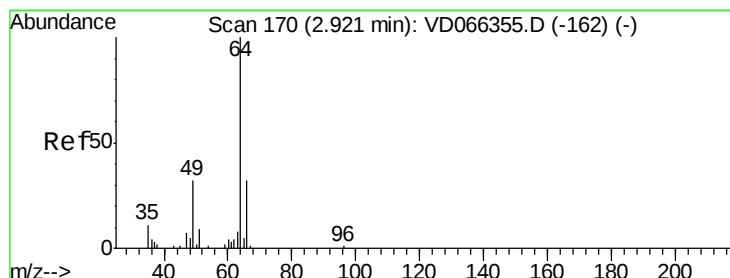
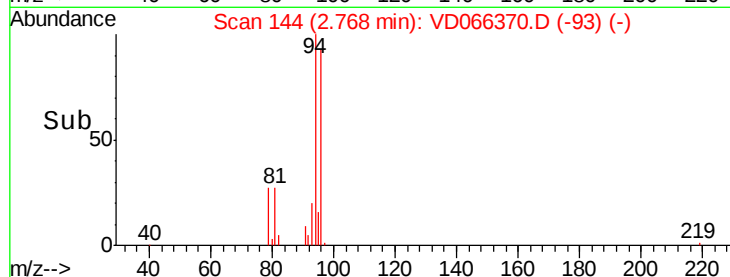
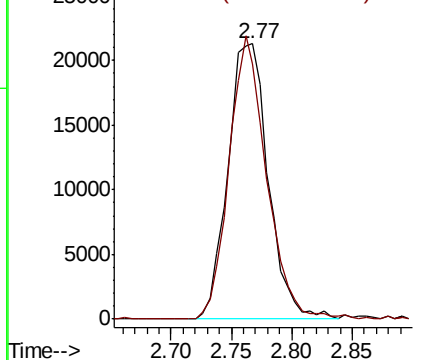
Ion Ratio Lower Upper

94 100

96 93.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.362 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066370.D

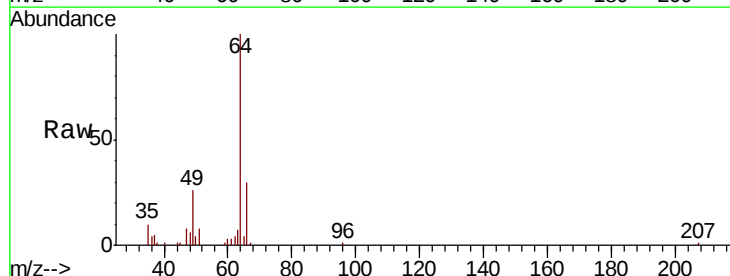
Acq: 21 Aug 2020 20:09

Tgt Ion: 64 Resp: 44056

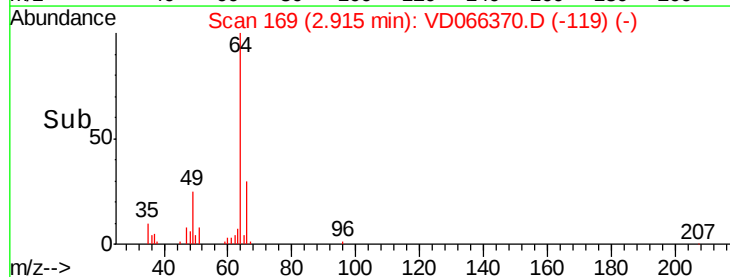
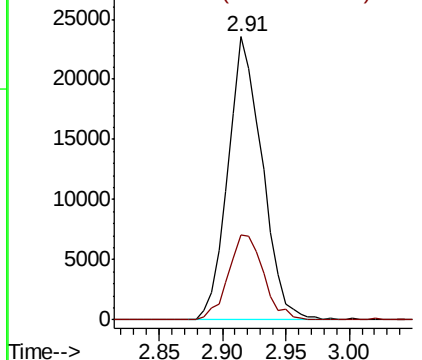
Ion Ratio Lower Upper

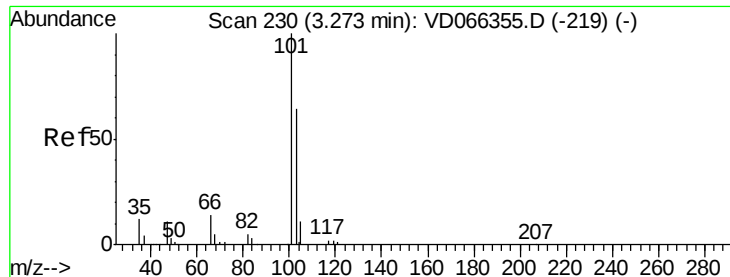
64 100

66 30.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 51.831 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD066370.D

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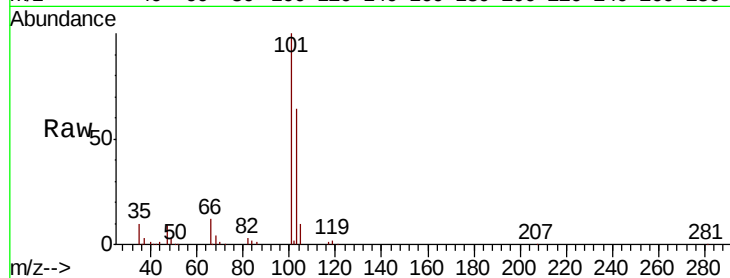
VSTDCCC050EC

Tot Ion:101 Resp: 181722

Ion Ratio Lower Upper

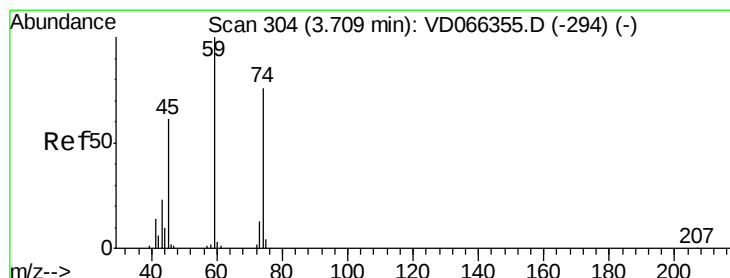
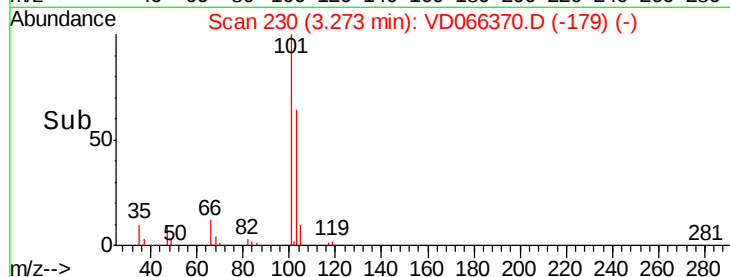
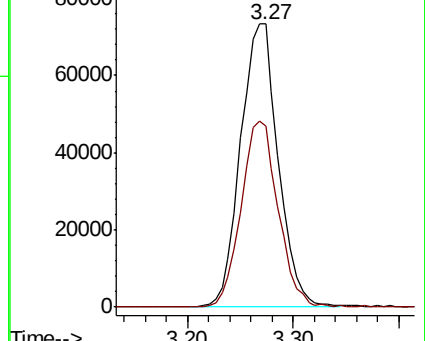
101 100

103 63.8 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.493 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066370.D

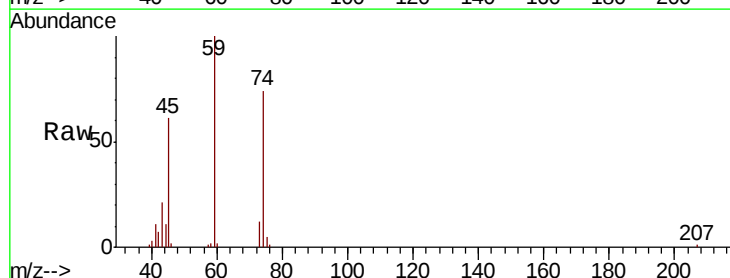
Acq: 21 Aug 2020 20:09

Tgt Ion: 74 Resp: 42807

Ion Ratio Lower Upper

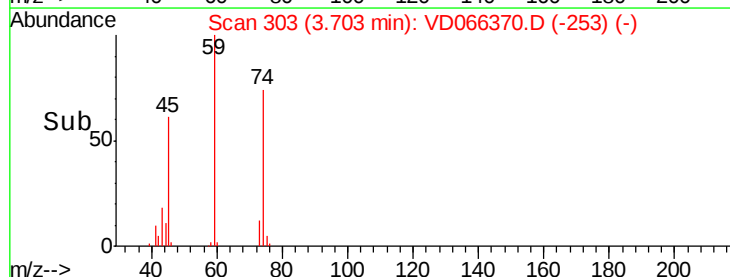
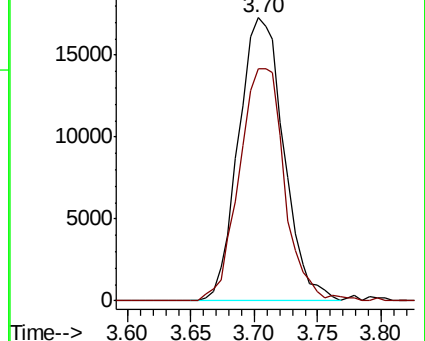
74 100

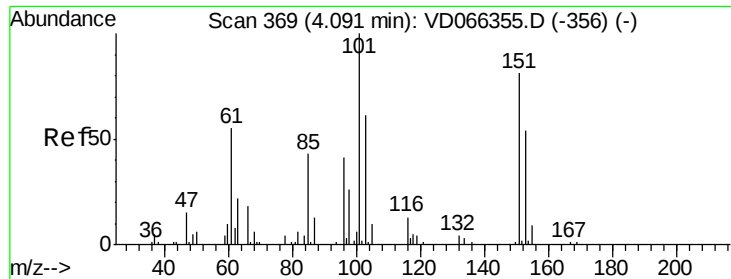
45 82.1 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.090 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

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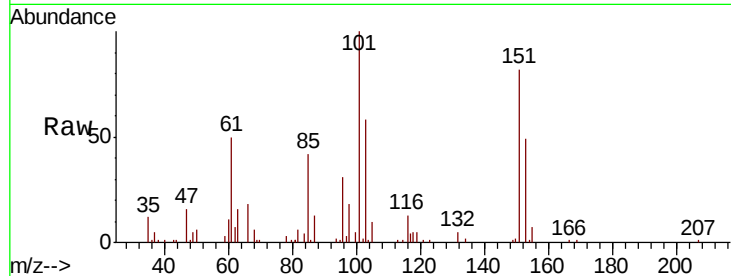
Tot Ion:101 Resp: 86670

Ion Ratio Lower Upper

101 100

85 46.3 36.4 54.6

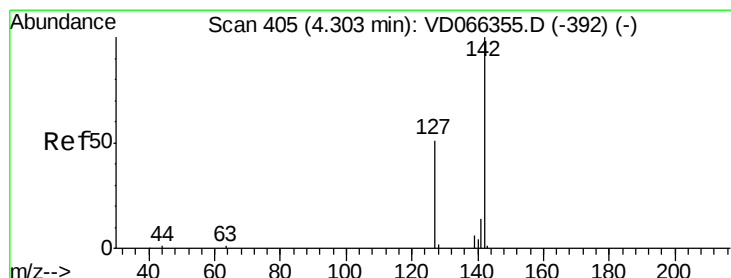
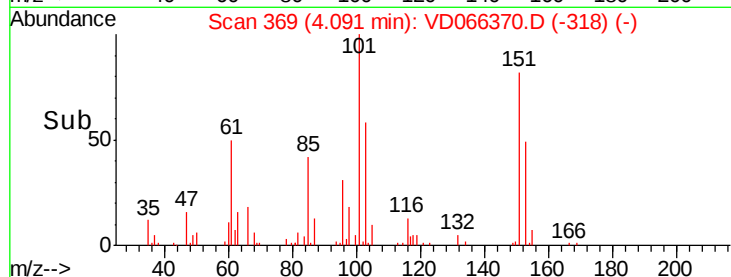
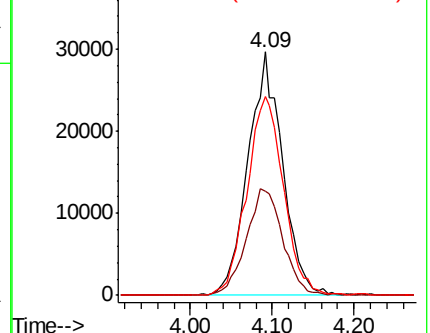
151 87.0 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.045 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

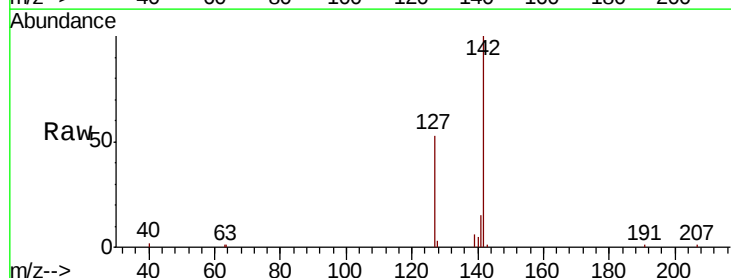
Tgt Ion:142 Resp: 98761

Ion Ratio Lower Upper

142 100

127 55.6 41.8 62.8

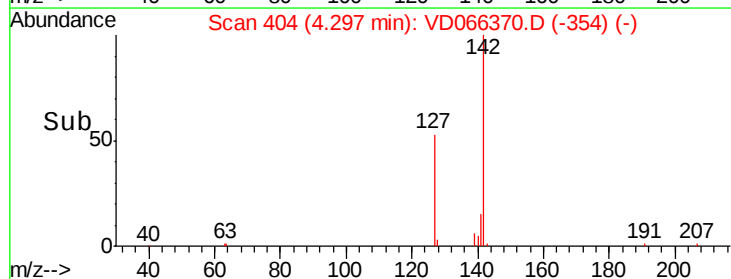
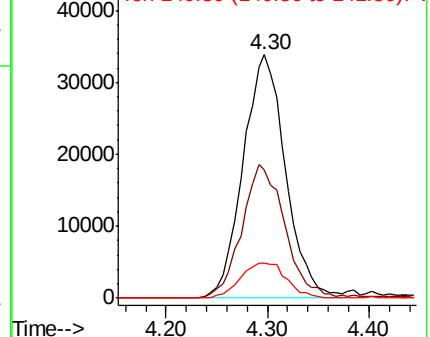
141 15.4 11.8 17.6

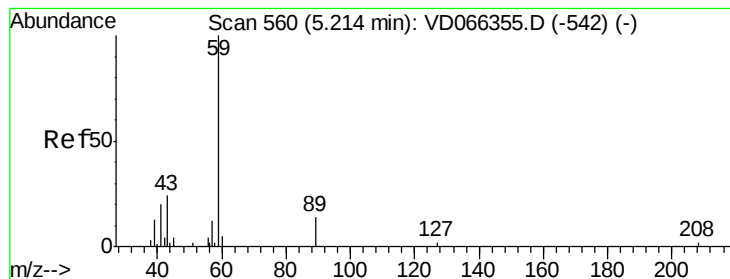


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 303.030 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

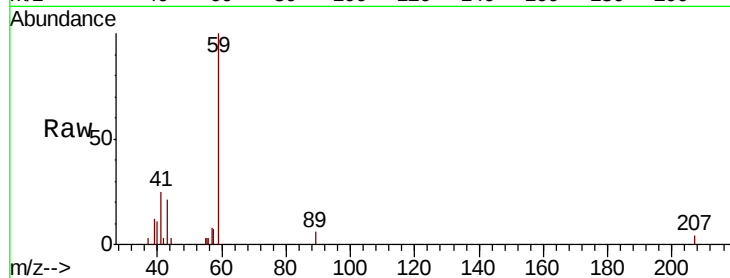
VSTDCCC050EC

Tot Ion: 59 Resp: 32894

Ion Ratio Lower Upper

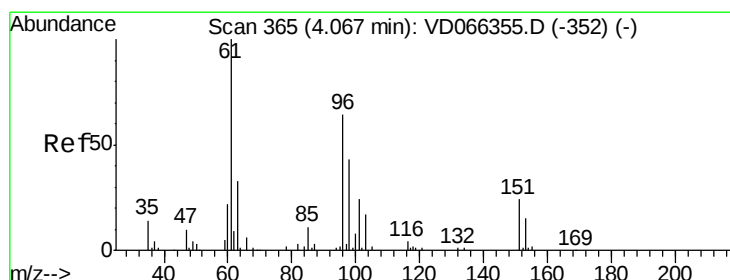
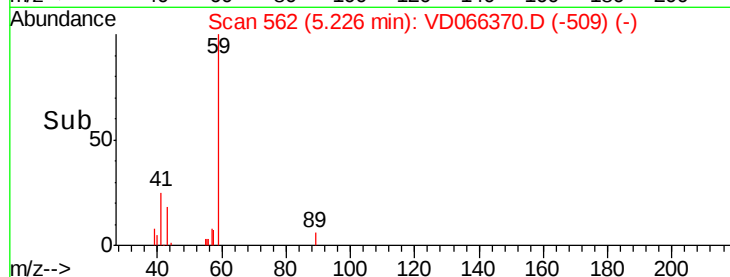
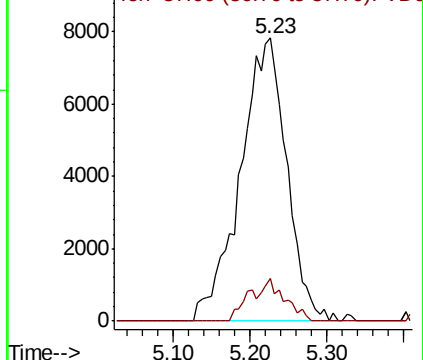
59 100

57 7.4 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 51.126 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

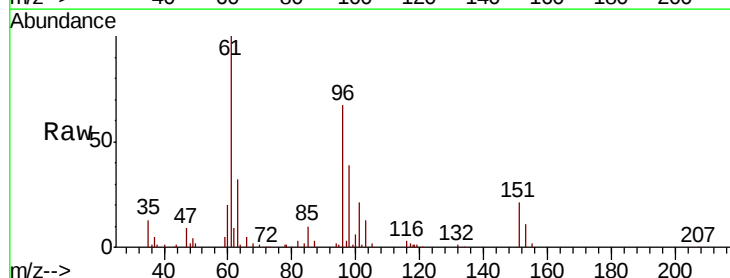
Tgt Ion: 96 Resp: 83037

Ion Ratio Lower Upper

96 100

61 148.3 124.3 186.5

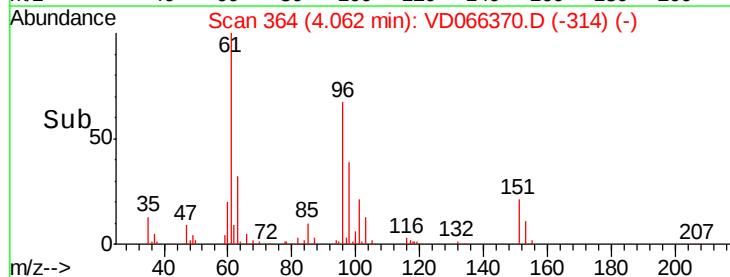
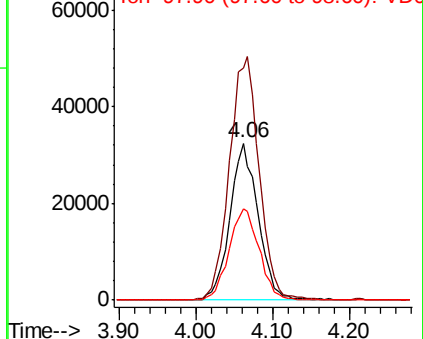
98 58.0 53.2 79.8

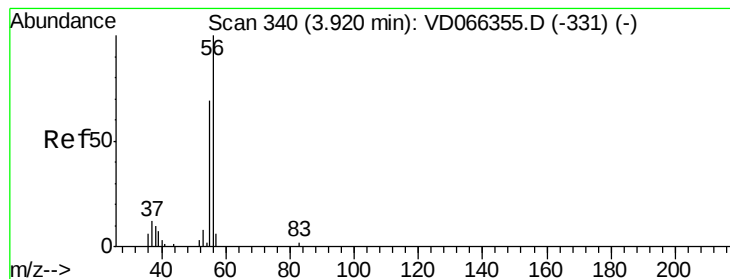


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 210.762 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

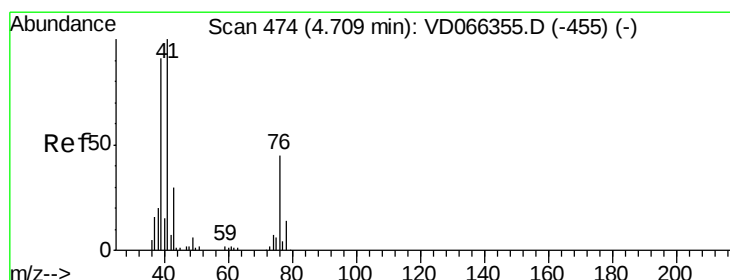
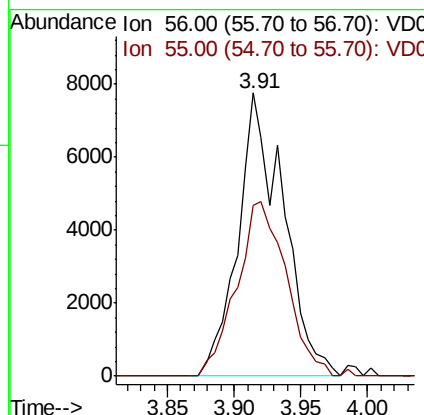
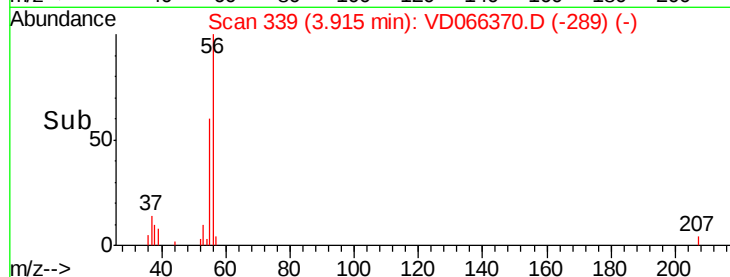
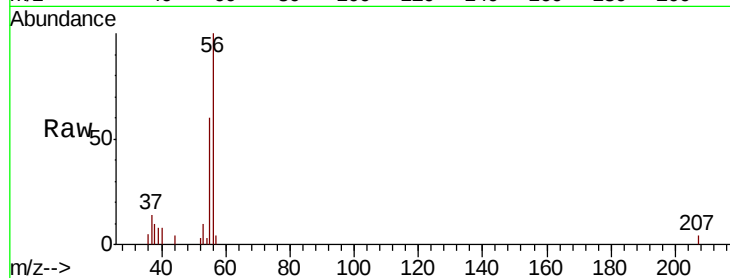
VSTDCCC050EC

Tot Ion: 56 Resp: 18285

Ion Ratio Lower Upper

56 100

55 67.3 55.5 83.3



#14

Allyl chloride

Concen: 51.734 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

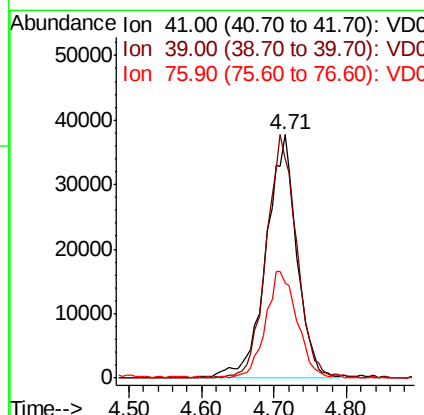
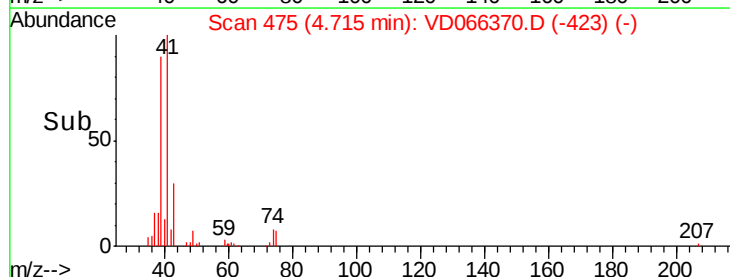
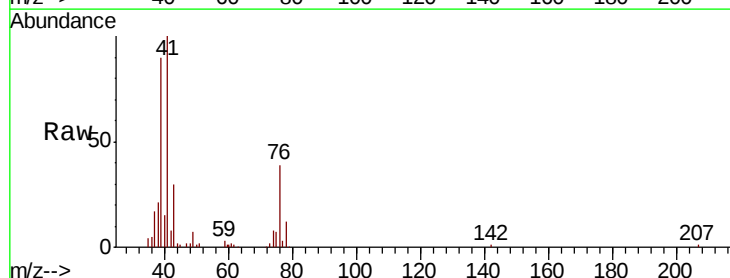
Tgt Ion: 41 Resp: 112153

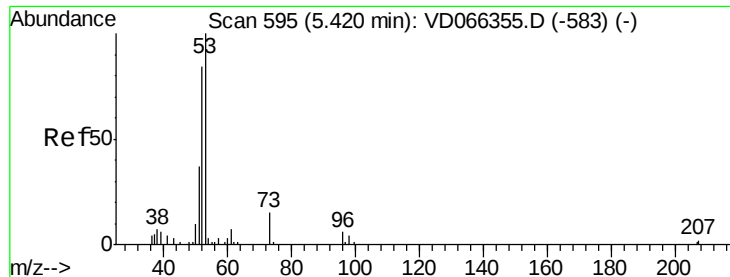
Ion Ratio Lower Upper

41 100

39 98.5 72.8 109.2

76 44.6 34.0 51.0





#15

Acrylonitrile

Concen: 273.942 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

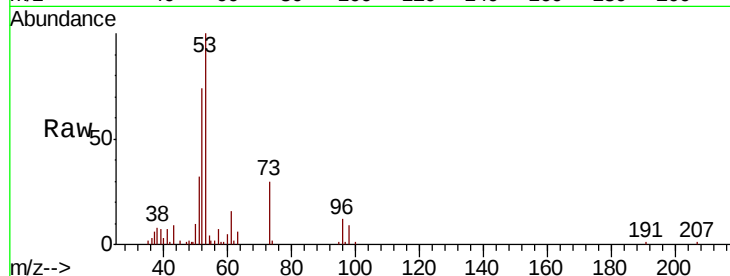
Tot Ion: 53 Resp: 86342

Ion Ratio Lower Upper

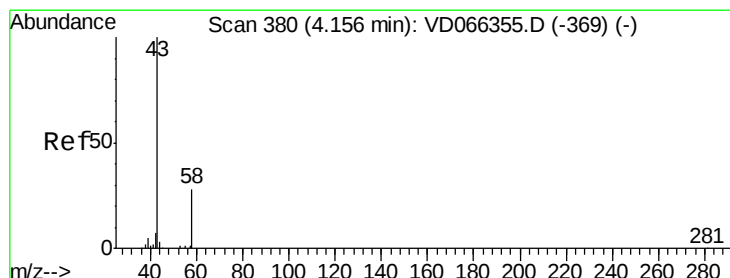
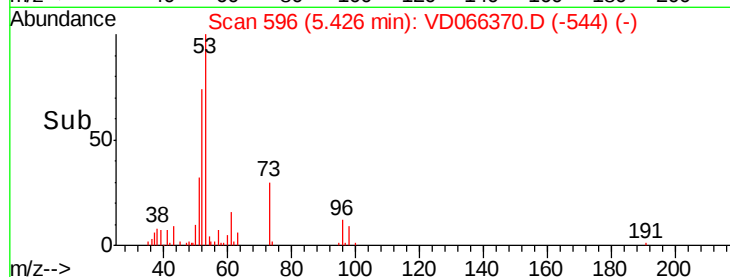
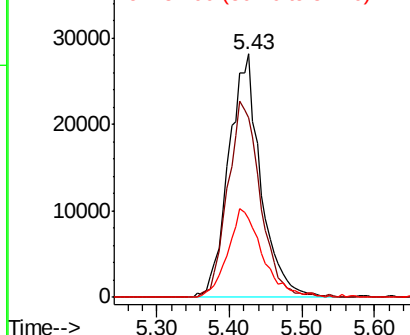
53 100

52 81.7 68.1 102.1

51 39.3 33.8 50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 228.495 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066370.D

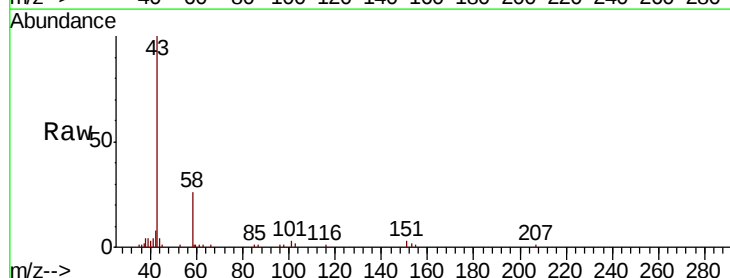
Acq: 21 Aug 2020 20:09

Tgt Ion: 43 Resp: 80481

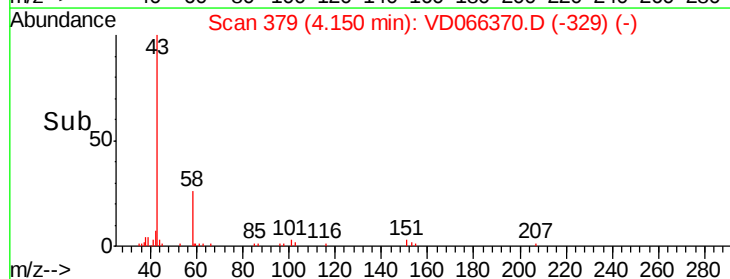
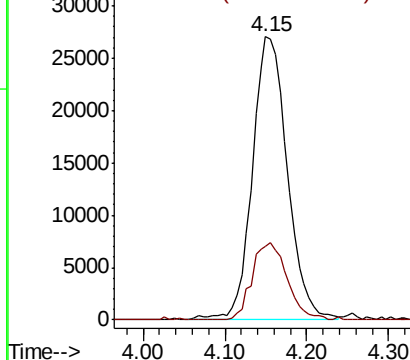
Ion Ratio Lower Upper

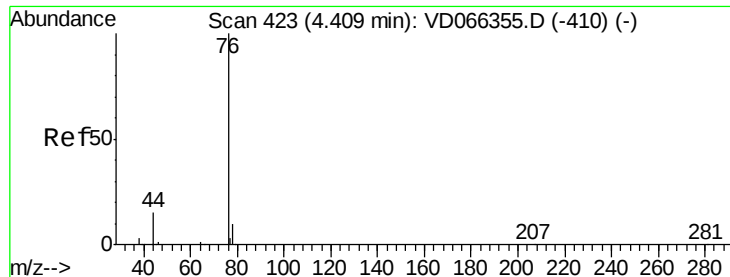
43 100

58 25.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 51.457 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

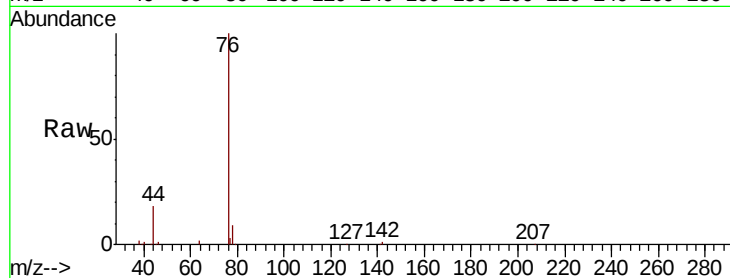
VSTDCCC050EC

Tot Ion: 76 Resp: 253280

Ion Ratio Lower Upper

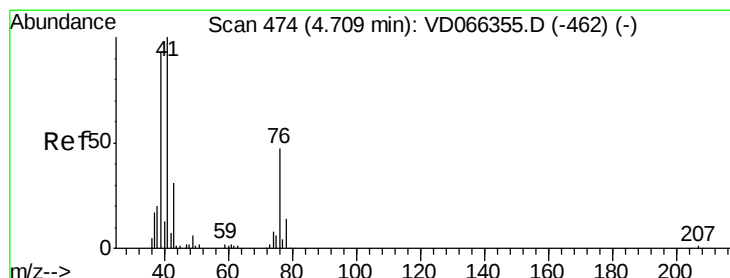
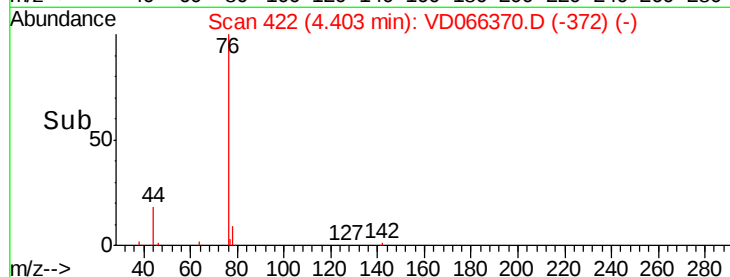
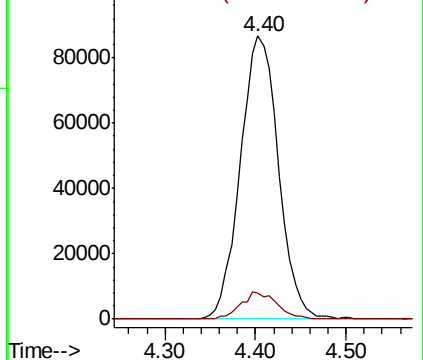
76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 52.524 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066370.D

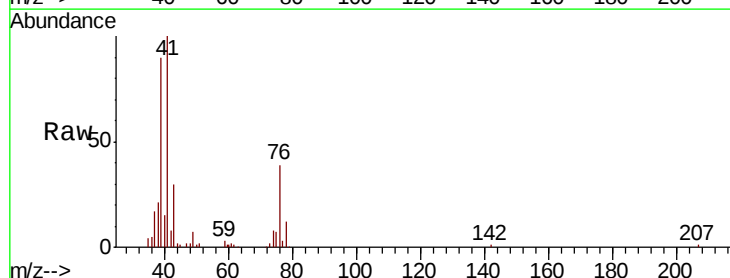
Acq: 21 Aug 2020 20:09

Tgt Ion: 43 Resp: 34722

Ion Ratio Lower Upper

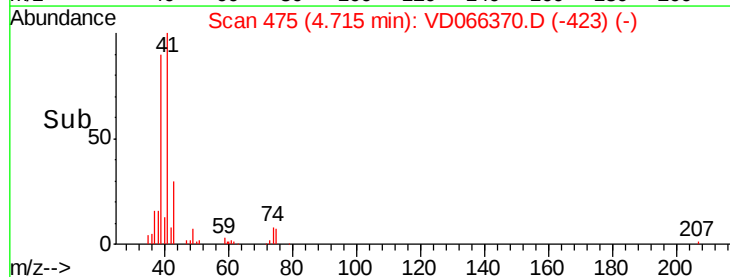
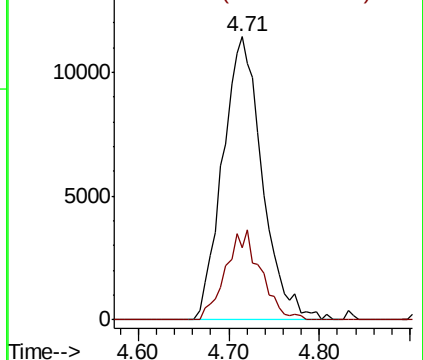
43 100

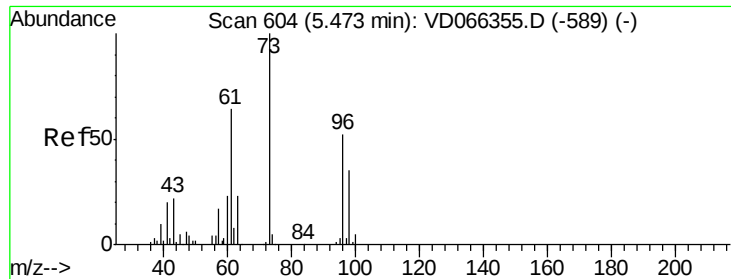
74 28.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

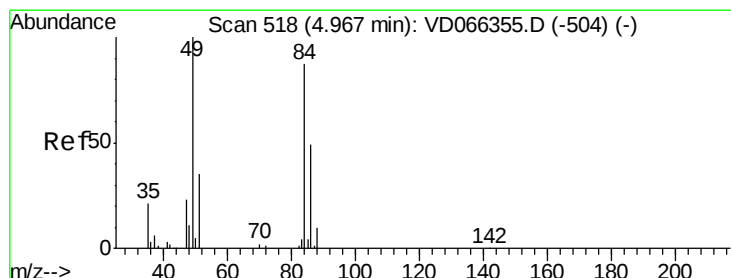
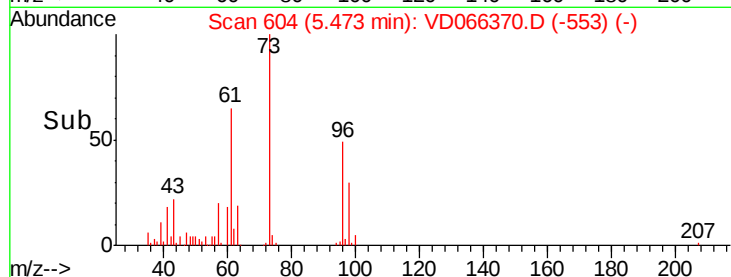
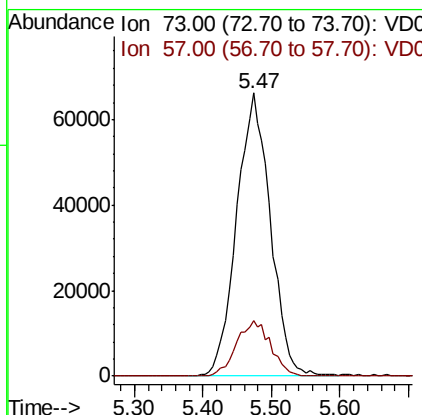
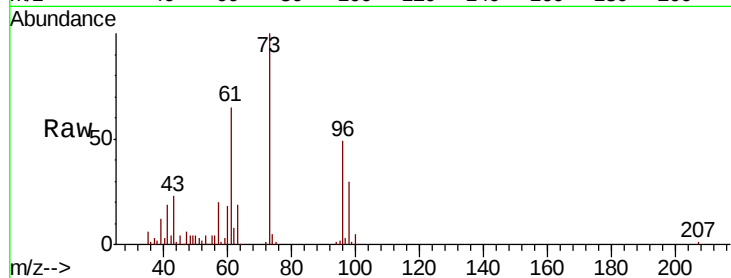




#19
Methvl tert-butvl Ether
Concen: 57.989 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

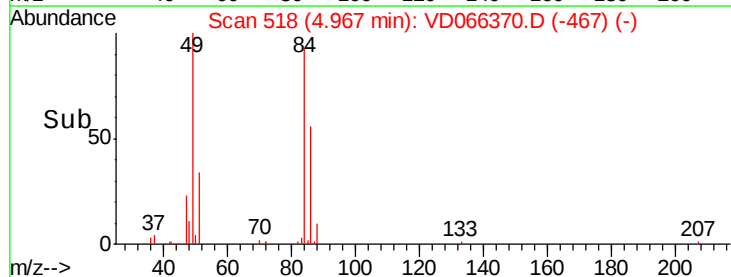
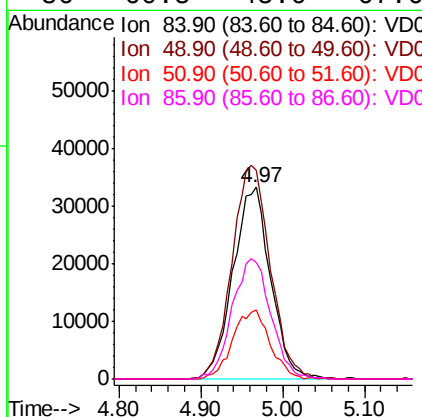
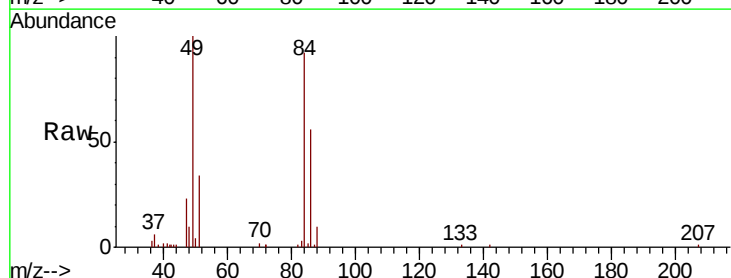
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

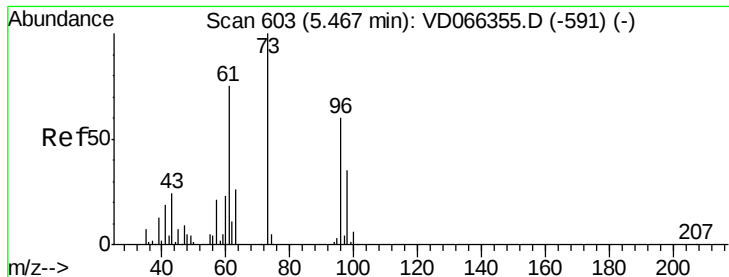
Tot Ion: 73 Resp: 226786
Ion Ratio Lower Upper
73 100
57 19.7 13.8 20.6



#20
Methylene Chloride
Concen: 57.335 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 84 Resp: 106166
Ion Ratio Lower Upper
84 100
49 108.6 92.5 138.7
51 36.4 32.5 48.7
86 60.5 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 52.475 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

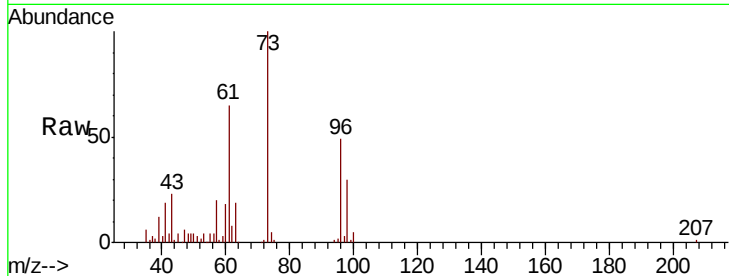
Tot Ion: 96 Resp: 99211

Ion Ratio Lower Upper

96 100

61 133.2 101.1 151.7

98 62.1 47.0 70.6

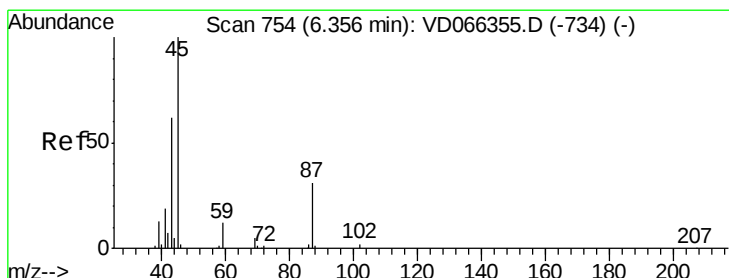
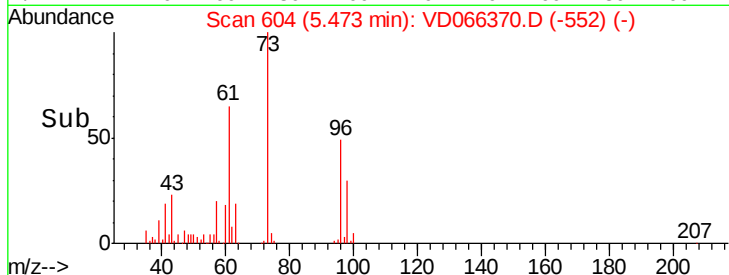
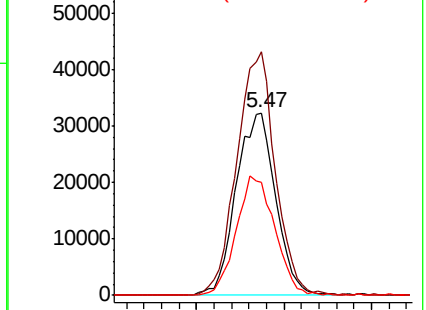


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 55.785 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Tgt Ion: 45 Resp: 234144

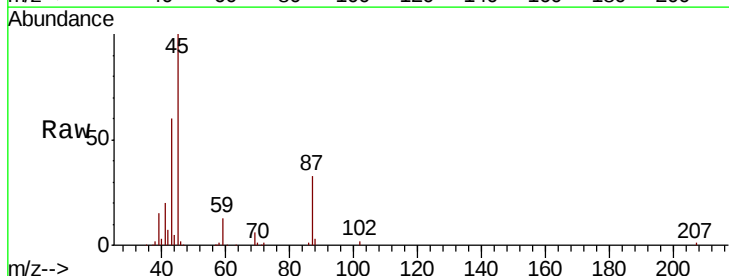
Ion Ratio Lower Upper

45 100

43 59.4 49.8 74.8

87 32.8 25.0 37.6

59 13.1 9.6 14.4



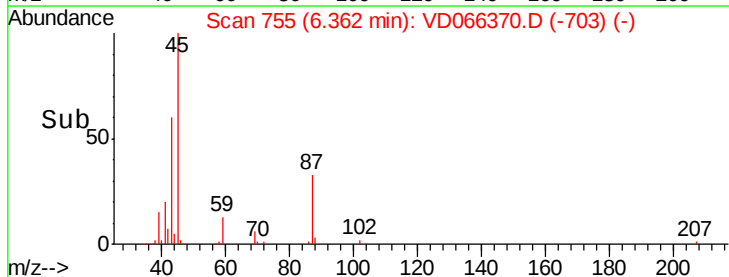
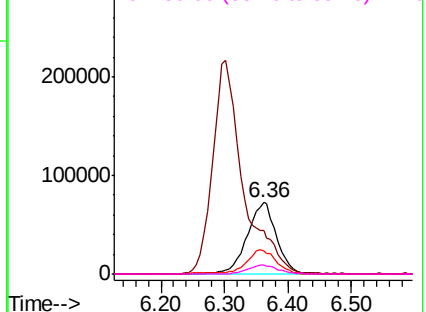
Abundance

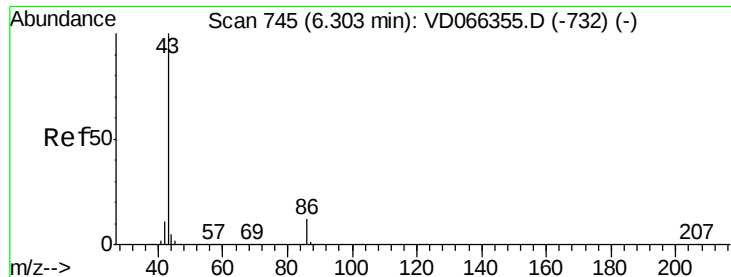
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 281.269 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

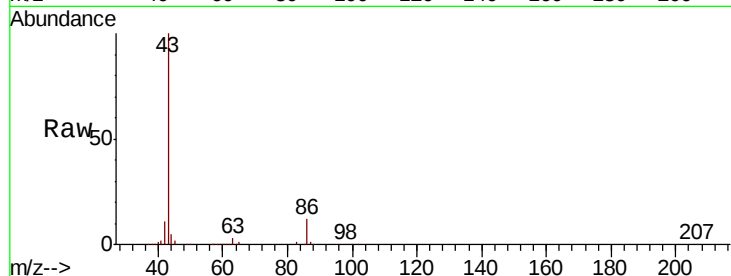
VSTDCCC050EC

Tot Ion: 43 Resp: 730836

Ion Ratio Lower Upper

43 100

86 12.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

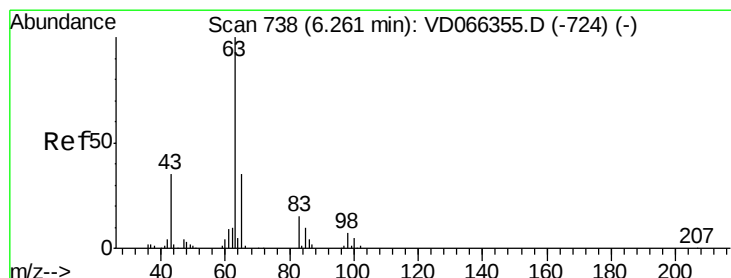
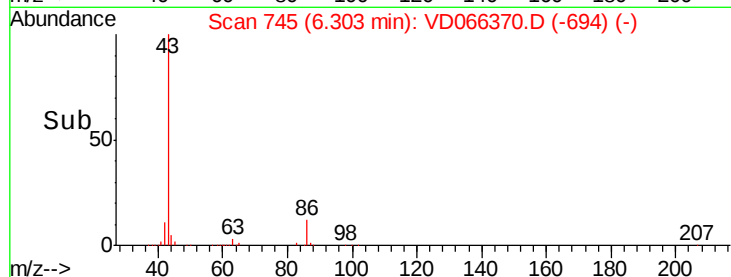
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 54.016 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

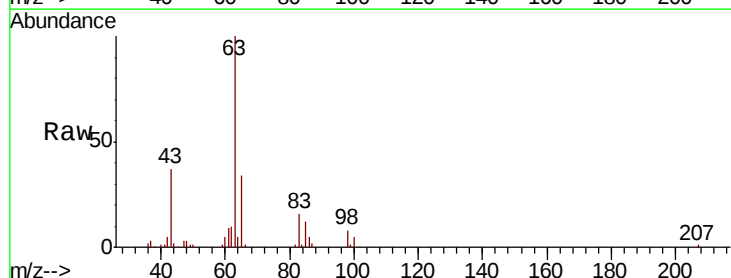
Tgt Ion: 63 Resp: 160216

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 5.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

60000

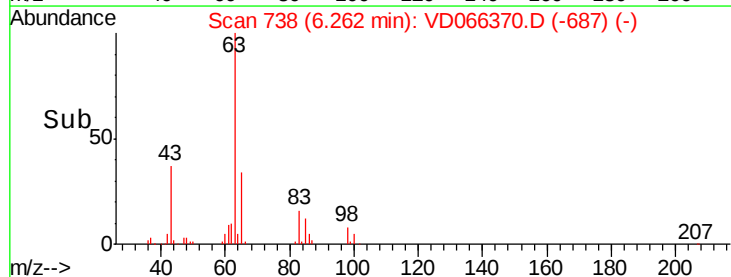
40000

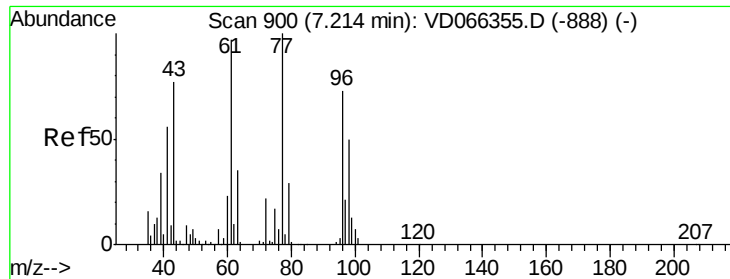
20000

0

6.10 6.20 6.30 6.40

Time-->

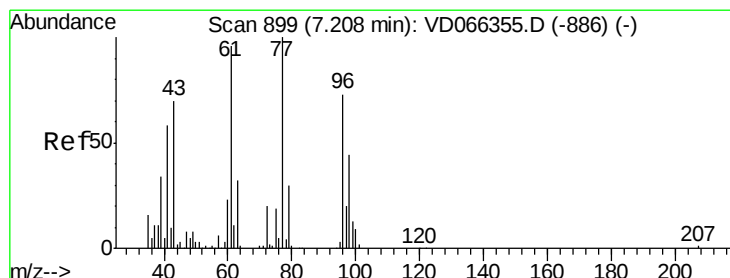
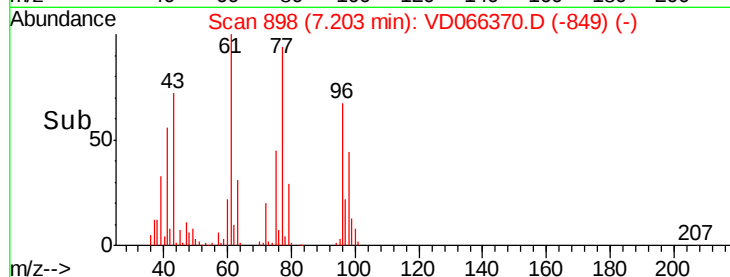
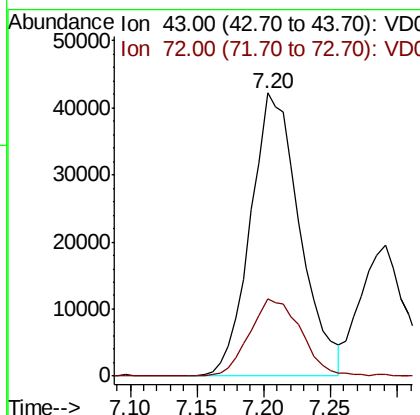
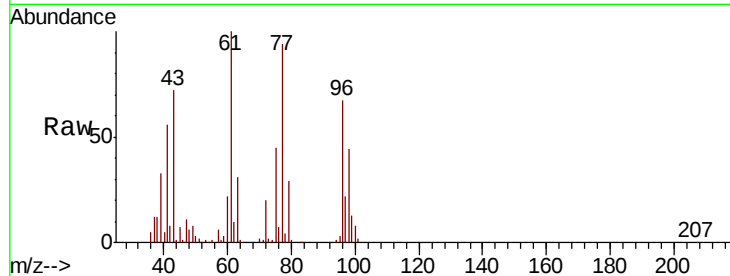




#25
2-Butanone
Concen: 271.293 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

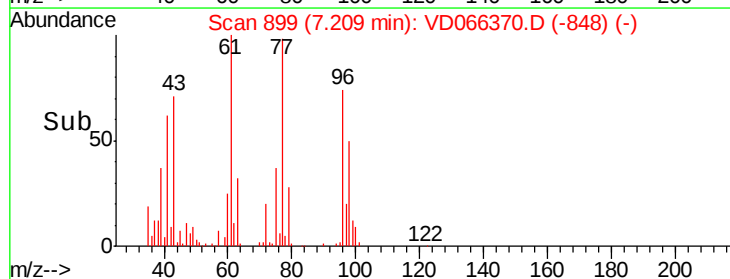
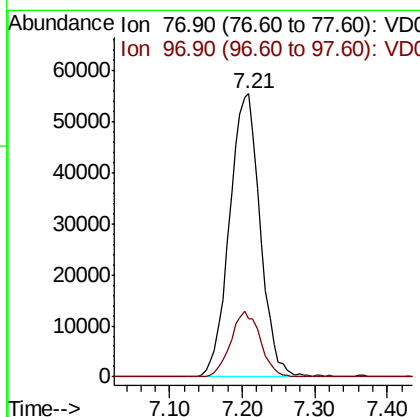
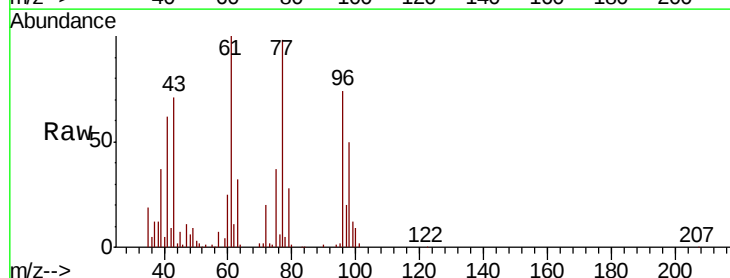
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

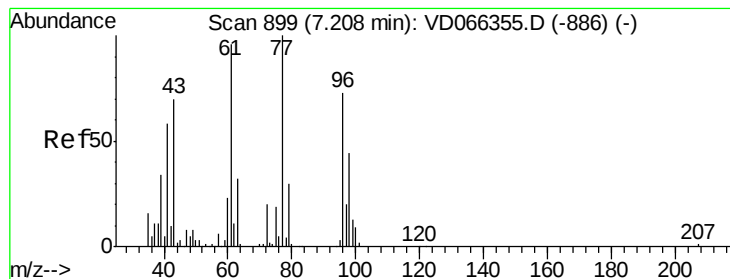
Tot Ion: 43 Resp: 108479
Ion Ratio Lower Upper
43 100
72 27.1 22.5 33.7



#26
2,2-Dichloropropane
Concen: 51.251 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 77 Resp: 162928
Ion Ratio Lower Upper
77 100
97 22.2 10.7 31.9



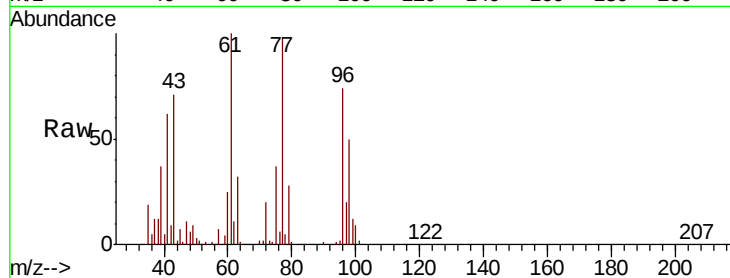


#27

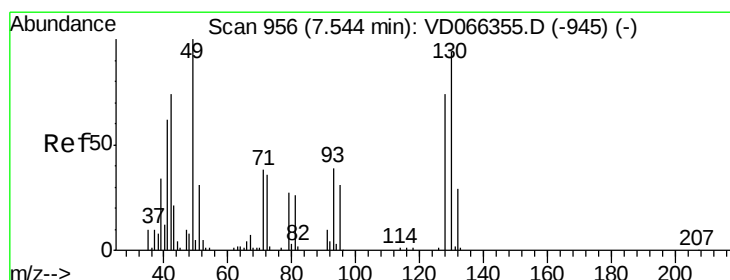
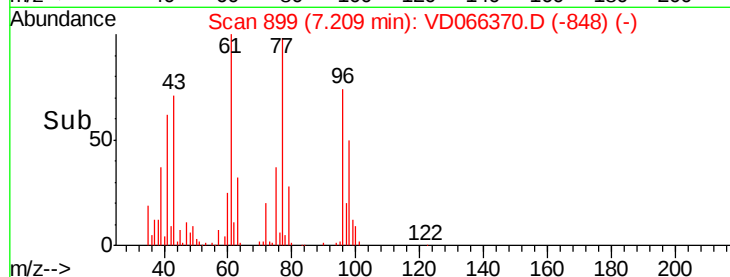
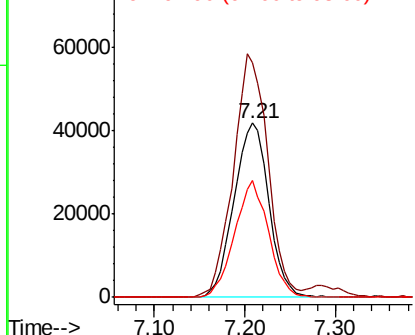
cis-1,2-Dichloroethene
Concen: 55.156 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 111735
Ion Ratio Lower Upper
96 100
61 138.3 0.0 281.4
98 64.9 0.0 132.2



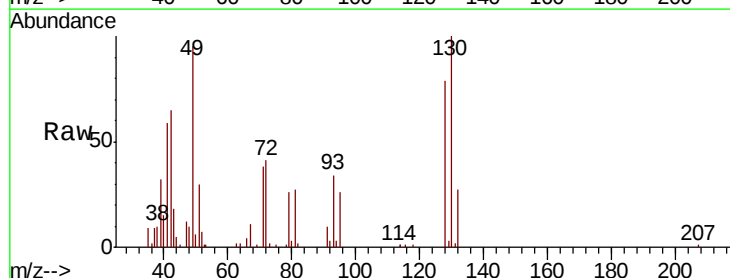
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



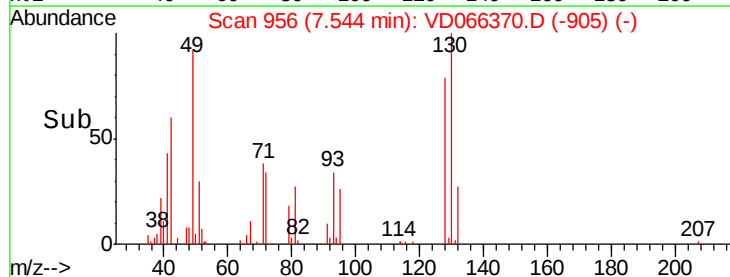
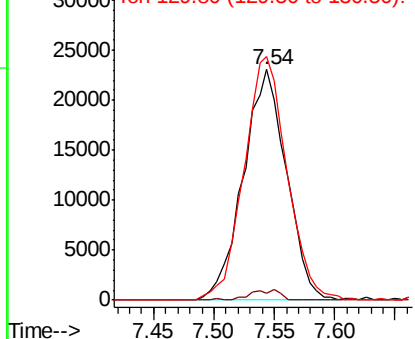
#28

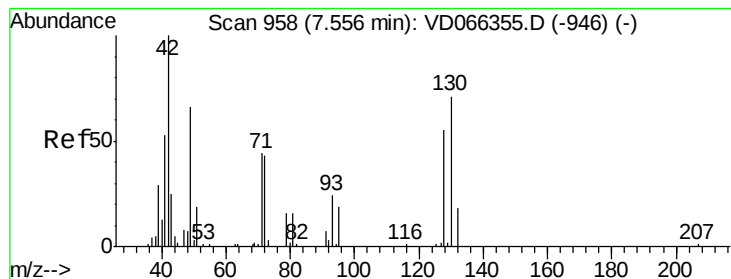
Bromochloromethane
Concen: 55.966 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 49 Resp: 57180
Ion Ratio Lower Upper
49 100
129 2.9 0.0 3.0
130 105.6 82.6 124.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 274.698 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

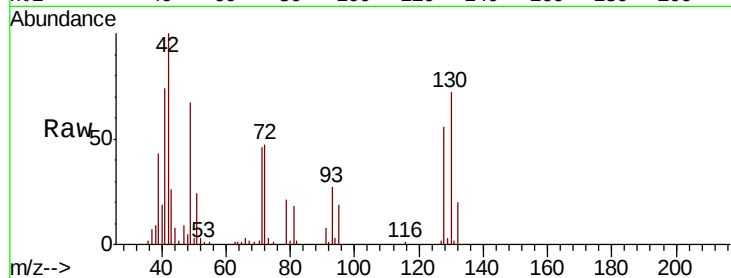
Tot Ion: 42 Resp: 62388

Ion Ratio Lower Upper

42 100

72 51.7 41.0 61.4

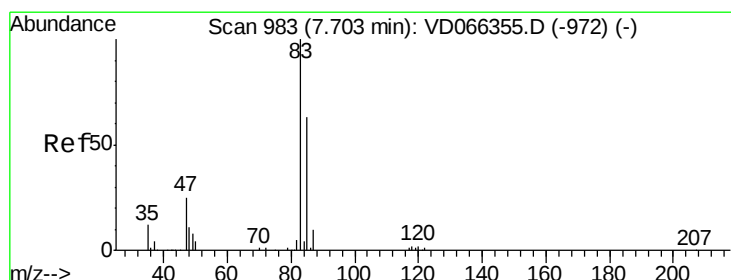
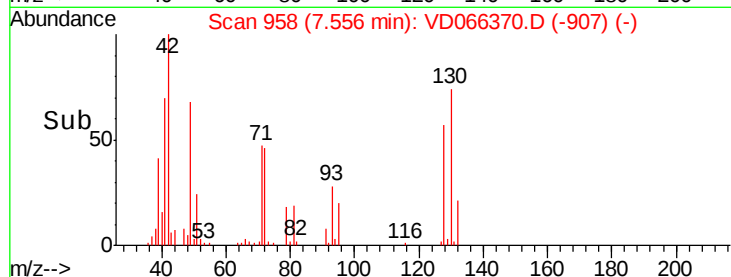
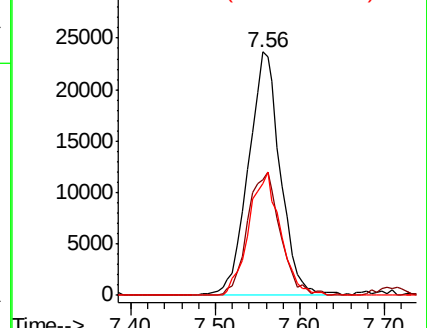
71 49.7 37.2 55.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 56.630 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066370.D

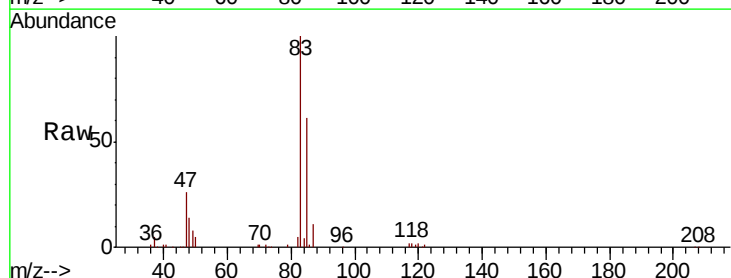
Acq: 21 Aug 2020 20:09

Tgt Ion: 83 Resp: 194341

Ion Ratio Lower Upper

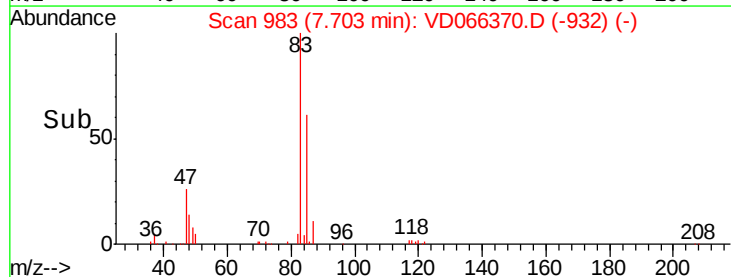
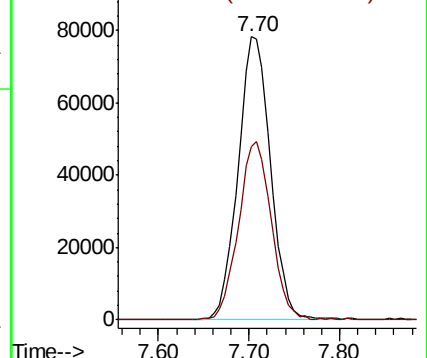
83 100

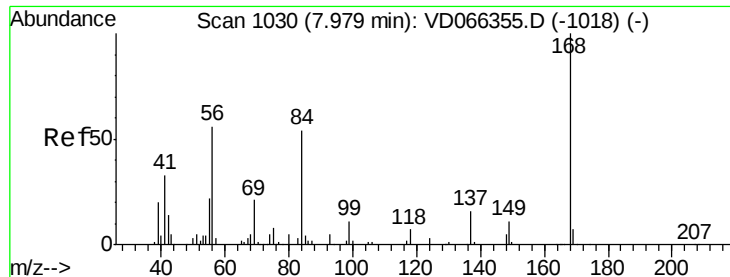
85 61.3 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

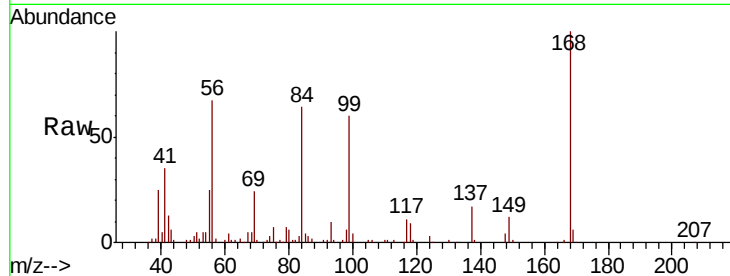




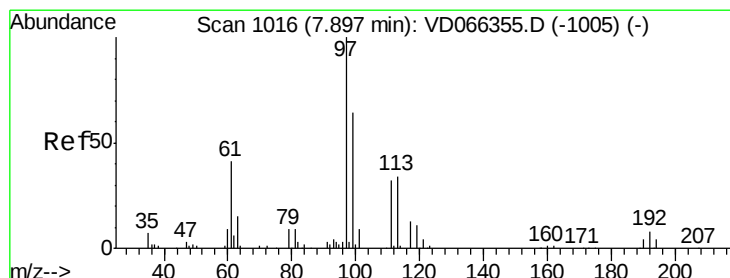
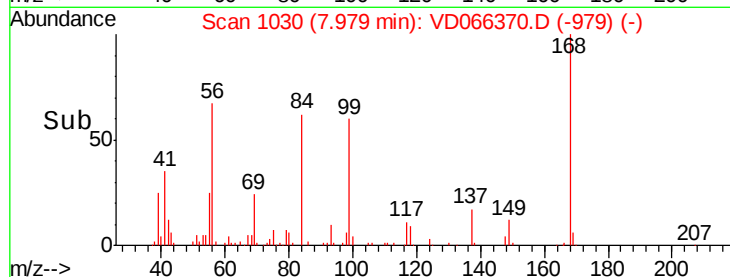
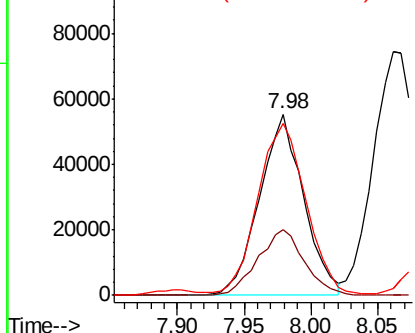
#31
Cyclohexane
Concen: 46.775 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 126888
Ion Ratio Lower Upper
56 100
69 36.0 29.6 44.4
84 92.6 76.6 115.0

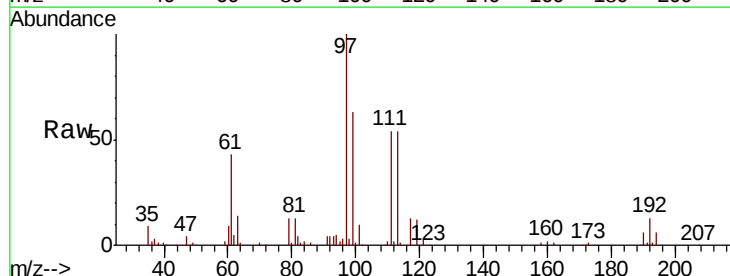


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

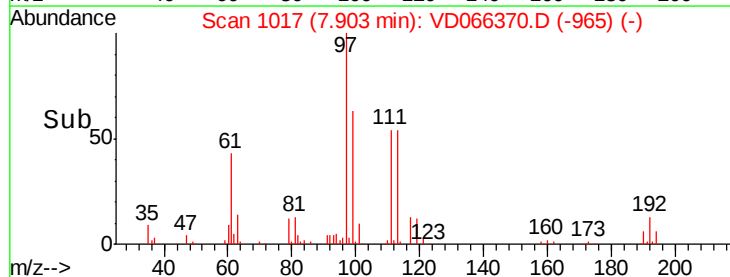
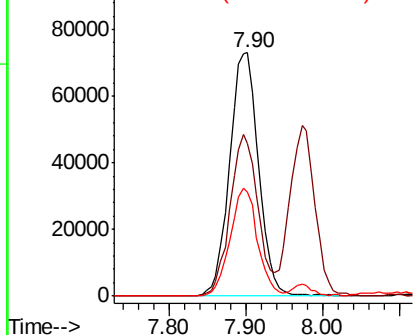


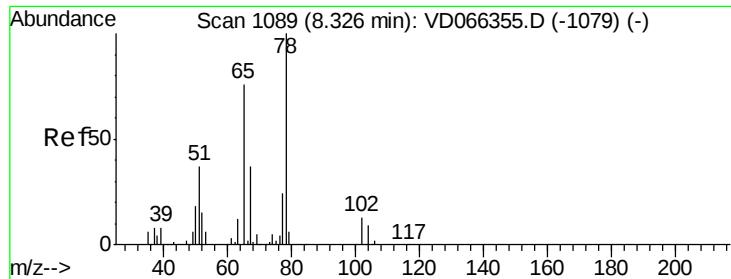
#32
1,1,1-Trichloroethane
Concen: 54.739 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 97 Resp: 192258
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 42.0 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

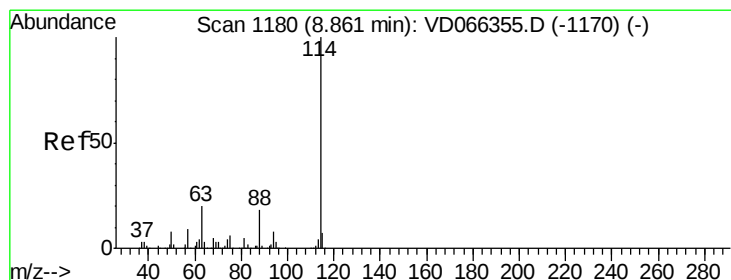
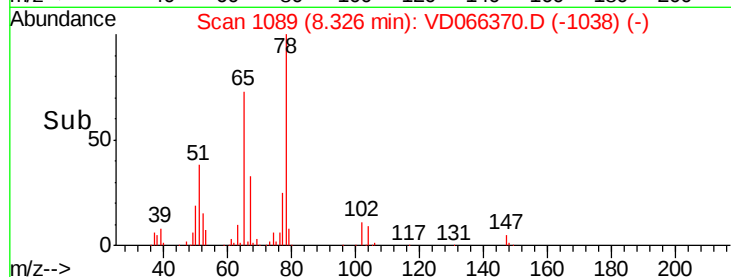
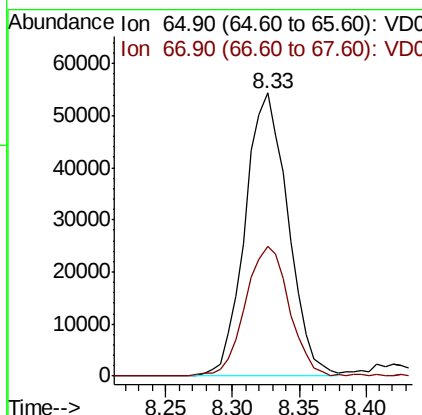
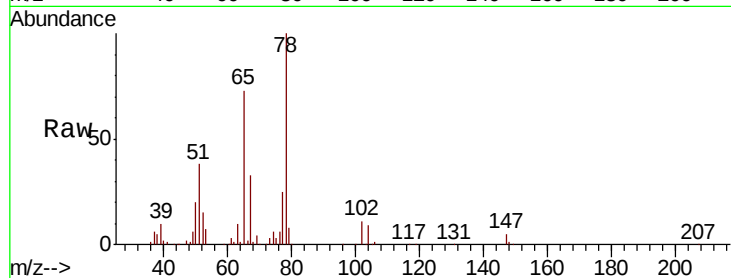




#33
 1,2-Dichloroethane-d4
 Concen: 61.935 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

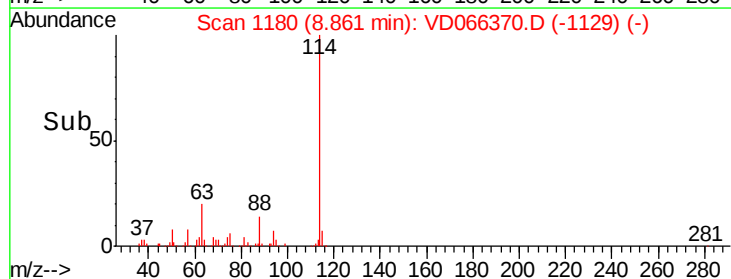
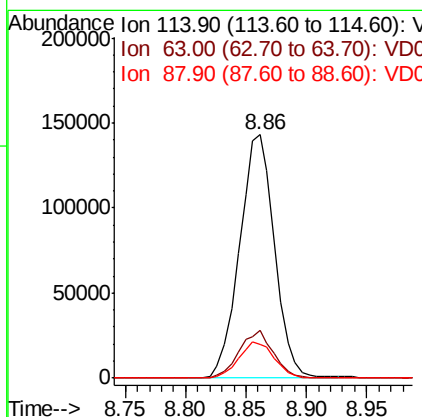
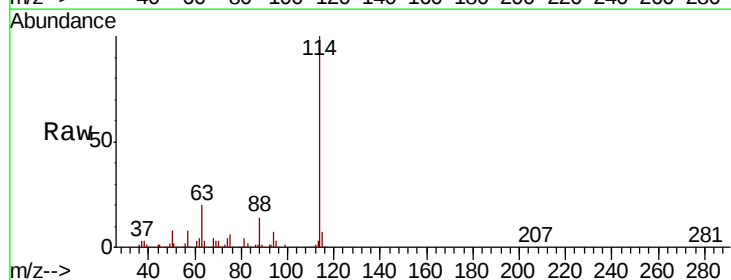
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

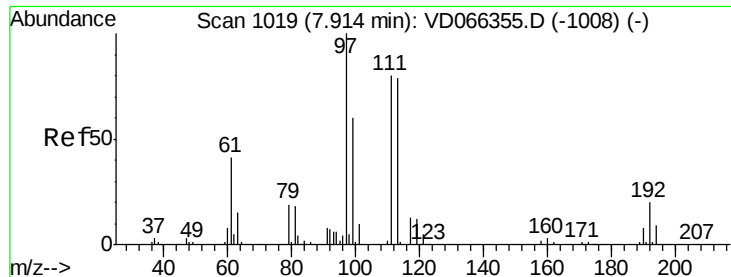
Tot Ion: 65 Resp: 121002
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 114 Resp: 289567
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 14.1 0.0 35.4

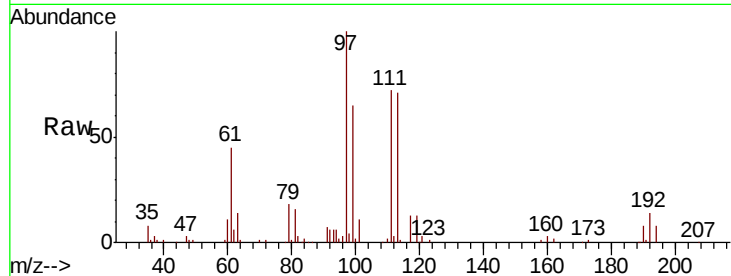




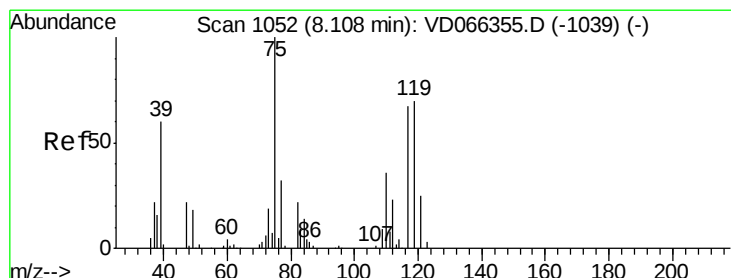
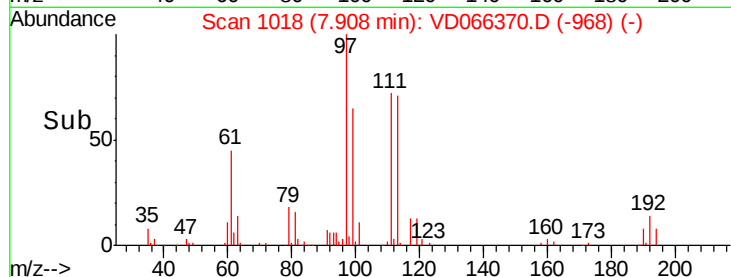
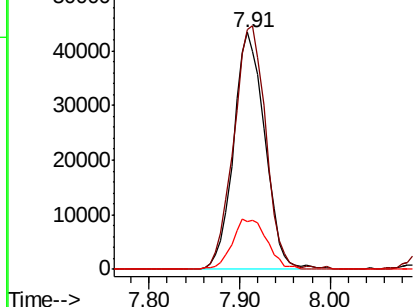
#35
 Dibromofluoromethane
 Concen: 57.563 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 104228
 Ion Ratio Lower Upper
 113 100
 111 104.8 80.3 120.5
 192 23.5 19.0 28.6

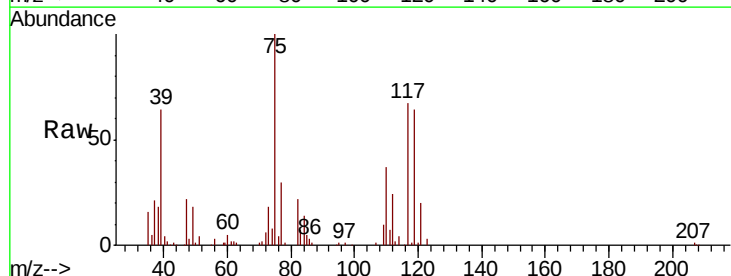


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

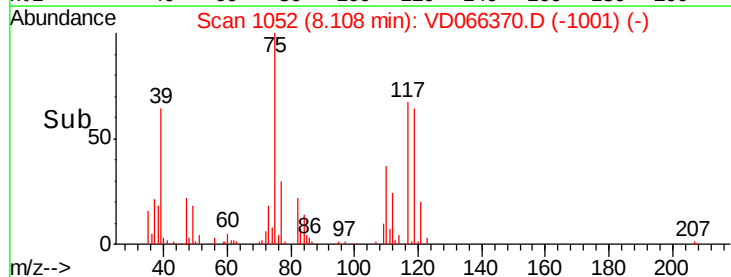
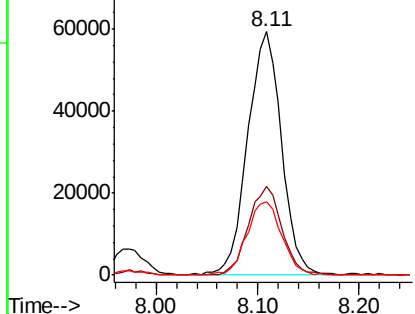


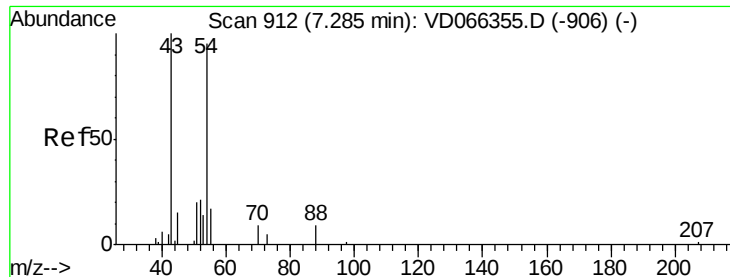
#36
 1,1-Dichloropropene
 Concen: 52.123 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 75 Resp: 137716
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.7 56.1
 77 31.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

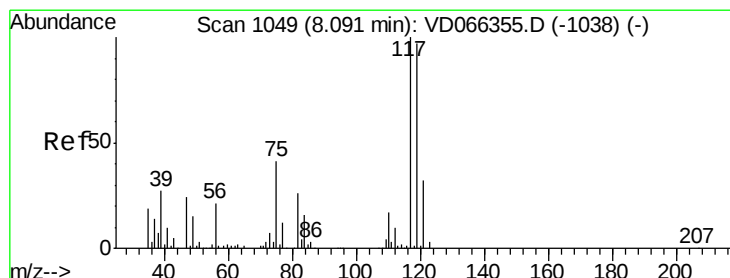
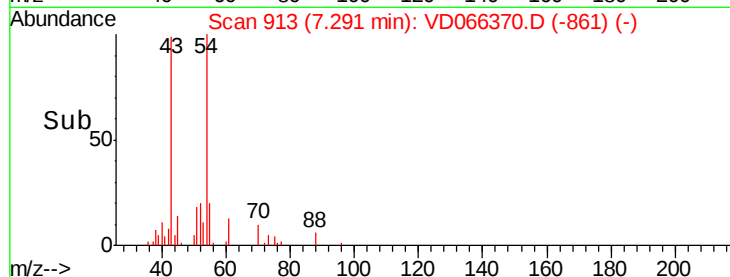
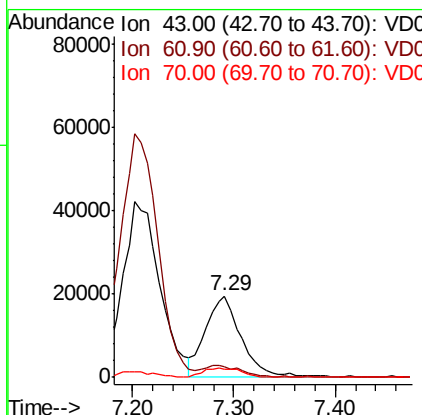
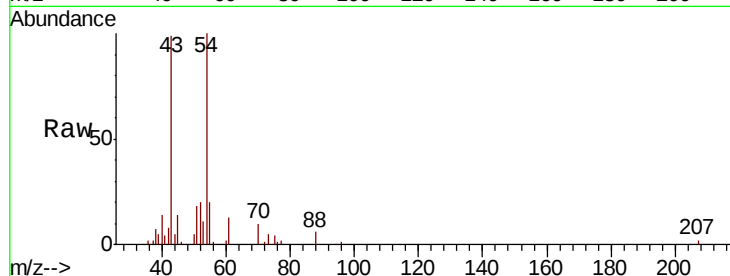




#37
Ethyl Acetate
Concen: 53.615 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

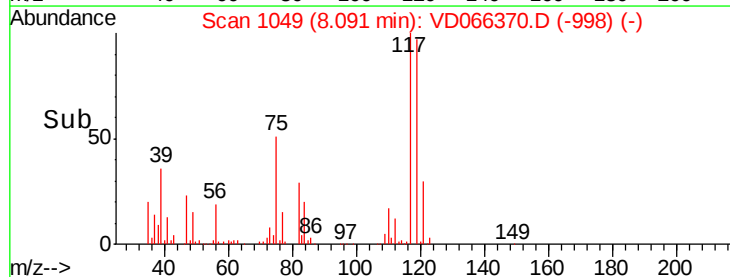
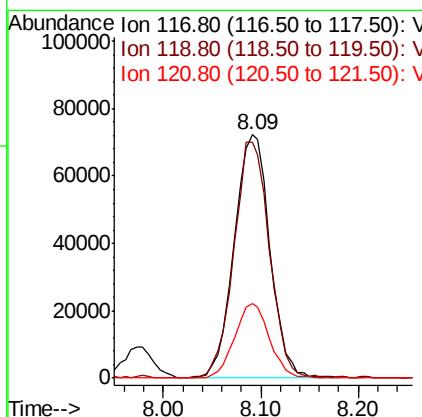
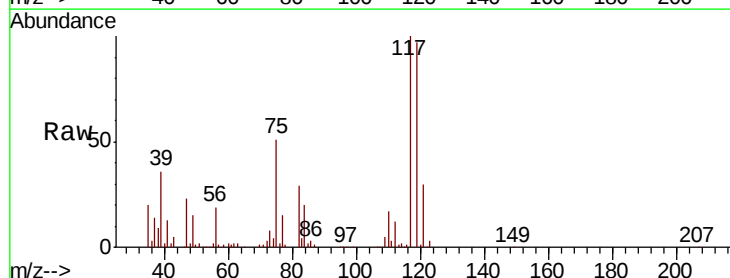
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

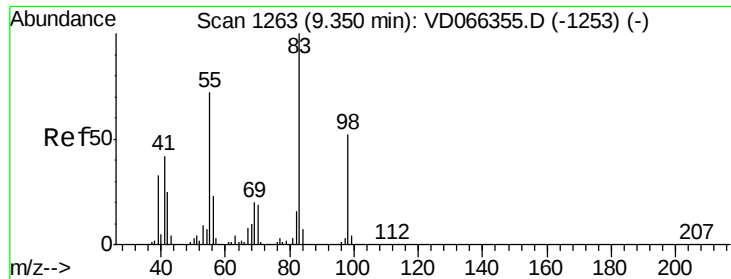
Tot Ion: 43 Resp: 48180
Ion Ratio Lower Upper
43 100
61 13.9 13.3 19.9
70 12.2 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 53.669 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 117 Resp: 184743
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 30.4 25.8 38.8

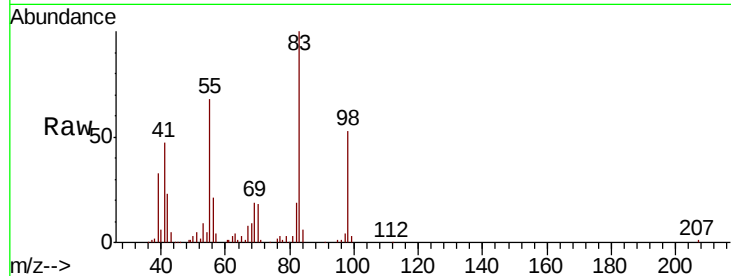




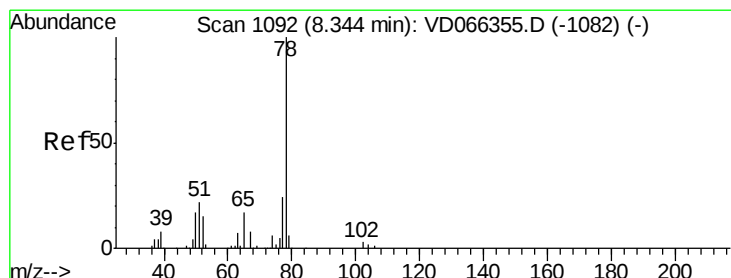
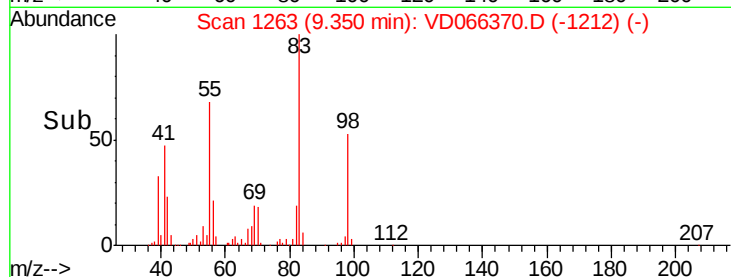
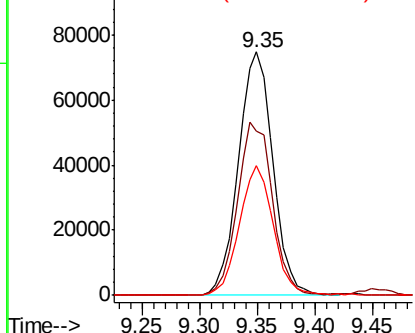
#39
Methvlcvclohexane
Concen: 50.011 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 155653
Ion Ratio Lower Upper
83 100
55 67.7 58.0 87.0
98 53.0 41.9 62.9

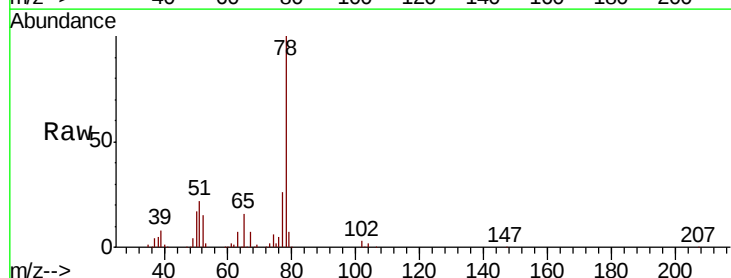


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

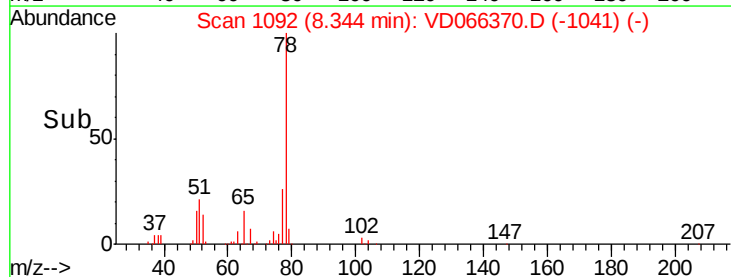
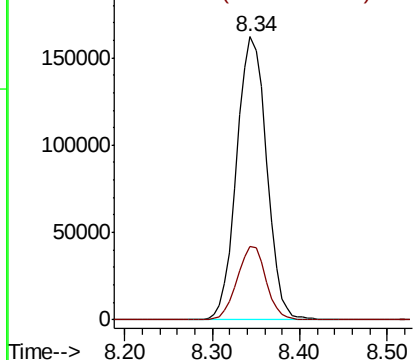


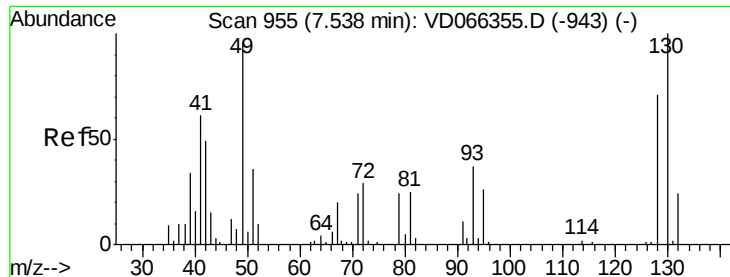
#40
Benzene
Concen: 53.940 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 78 Resp: 374912
Ion Ratio Lower Upper
78 100
77 25.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

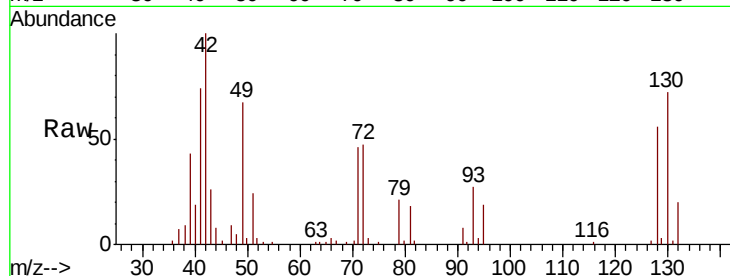




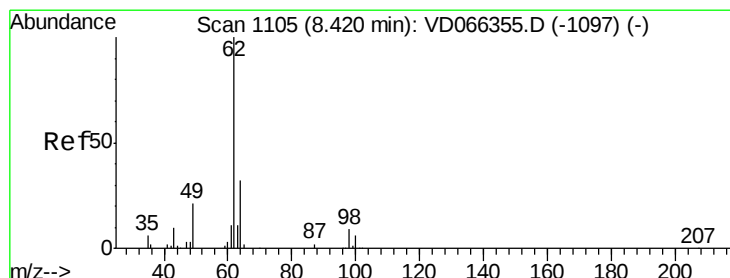
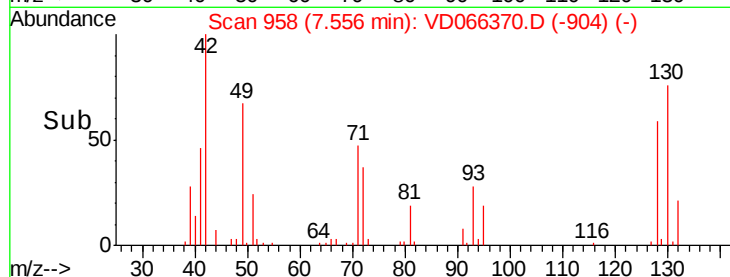
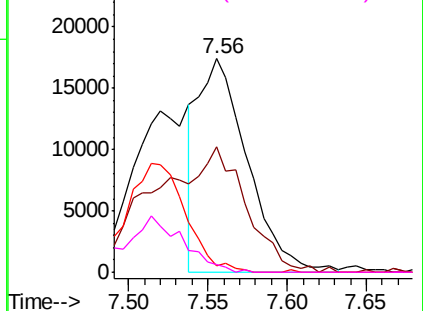
#41
Methacrylonitrile
Concen: 67.379 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 37339
Ion Ratio Lower Upper
41 100
39 110.6 51.8 77.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

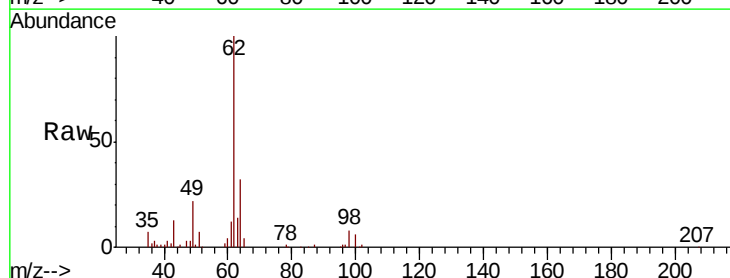


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

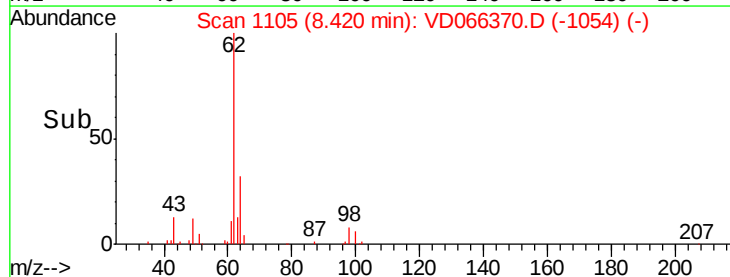
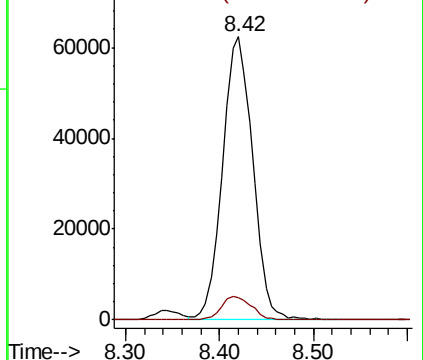


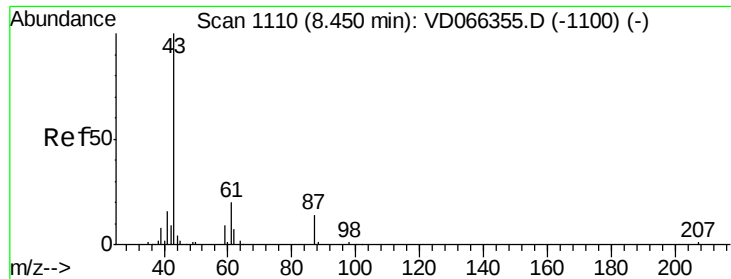
#42
1,2-Dichloroethane
Concen: 57.094 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 62 Resp: 139766
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

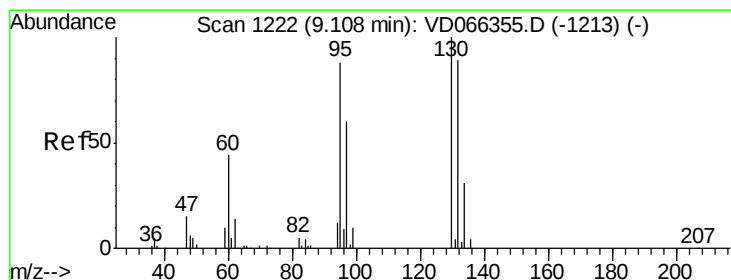
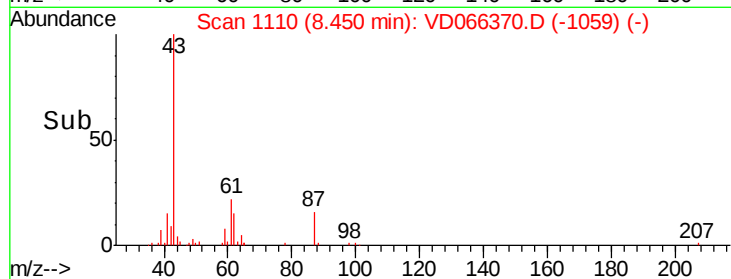
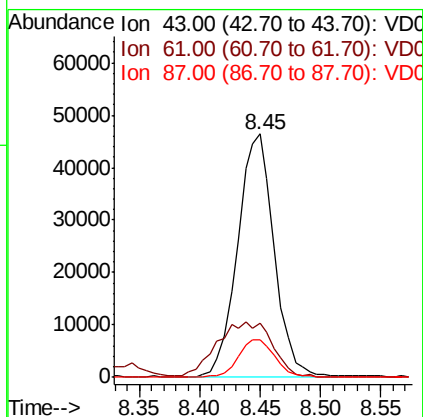
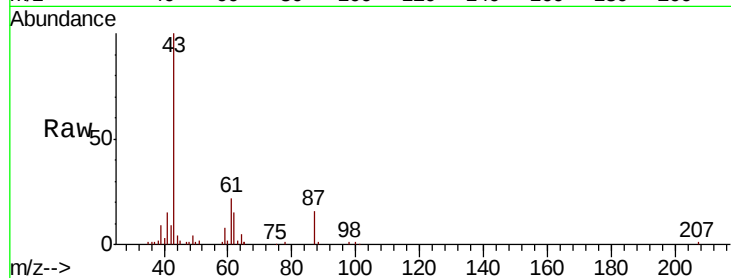




#43
Isopropyl Acetate
Concen: 54.283 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

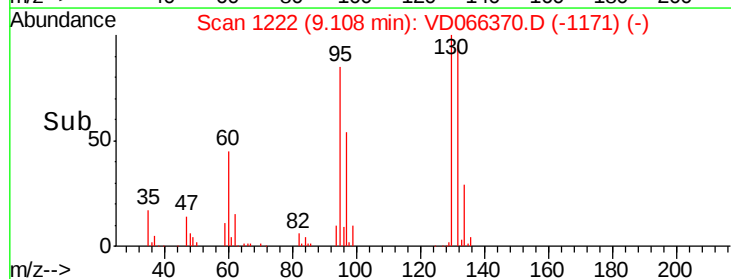
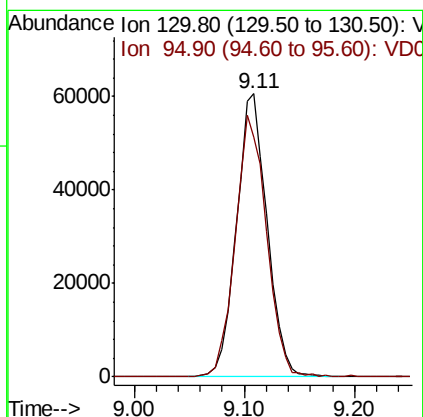
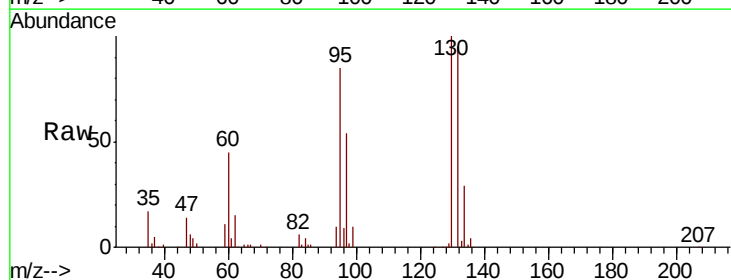
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

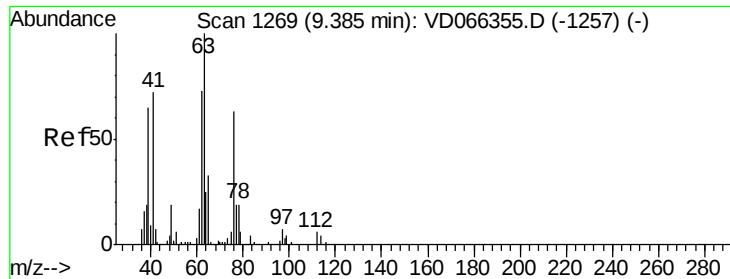
Tot Ion	43	Resp	97908
Ion Ratio	Lower	Upper	
43	100		
61	34.5	26.5	39.7
87	15.4	11.9	17.9



#44
Trichloroethene
Concen: 52.442 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion	130	Resp	118441
Ion Ratio	Lower	Upper	
130	100		
95	84.6	0.0	175.6





#45

1,2-Dichloropropane

Concen: 52.578 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

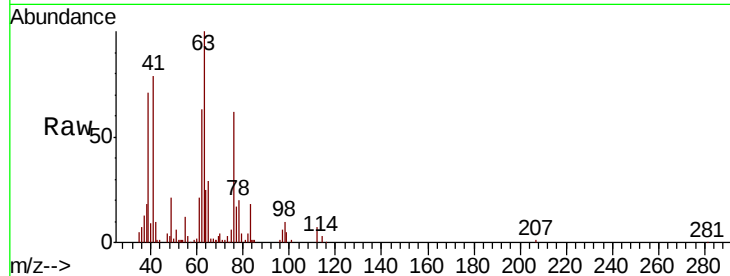
VSTDCCC050EC

Tot Ion: 63 Resp: 82849

Ion Ratio Lower Upper

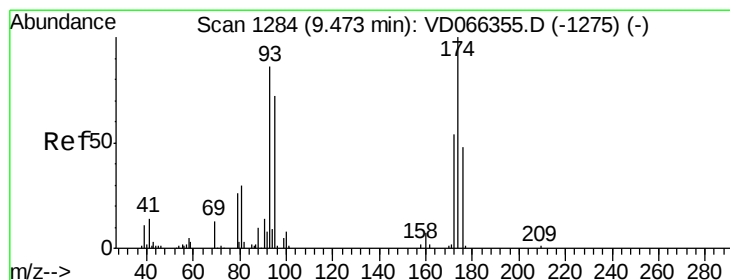
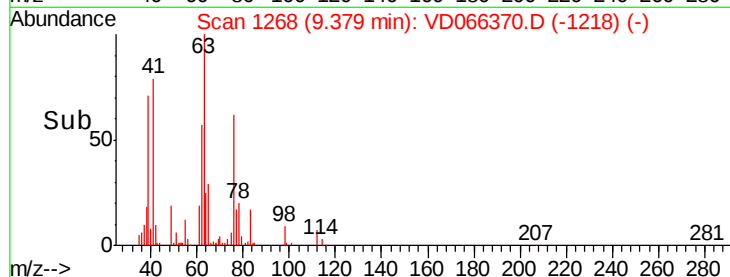
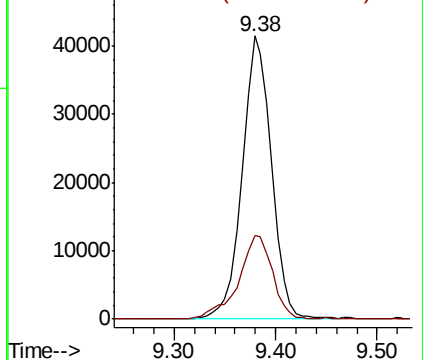
63 100

65 29.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 56.508 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

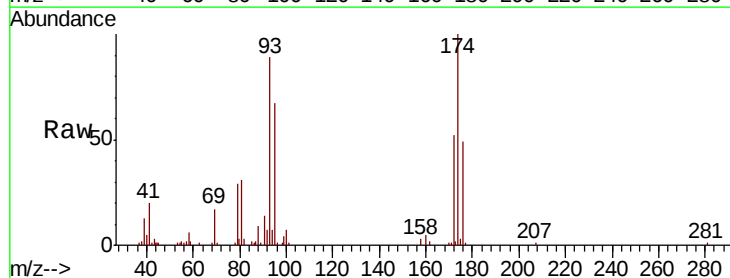
Tgt Ion: 93 Resp: 55439

Ion Ratio Lower Upper

93 100

95 80.2 66.0 99.0

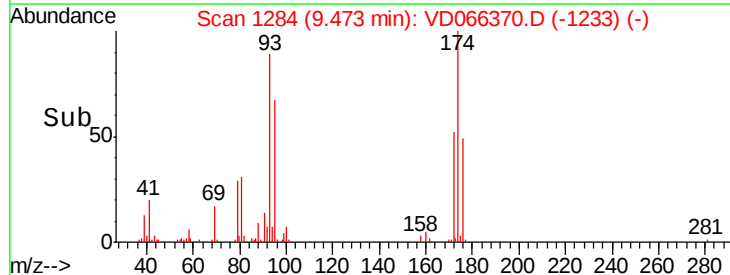
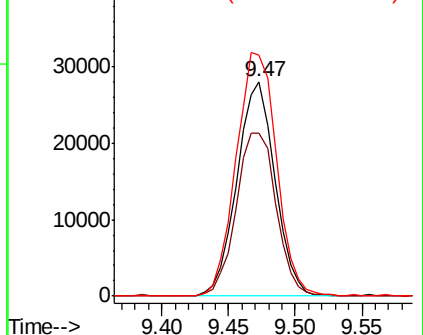
174 120.7 94.6 141.8

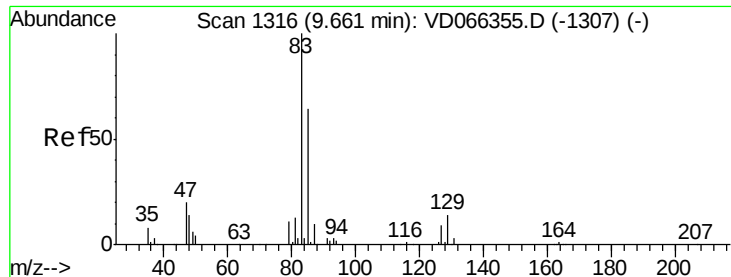


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.440 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

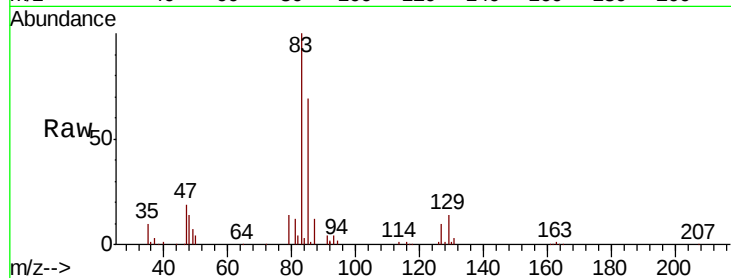
Tot Ion: 83 Resp: 152278

Ion Ratio Lower Upper

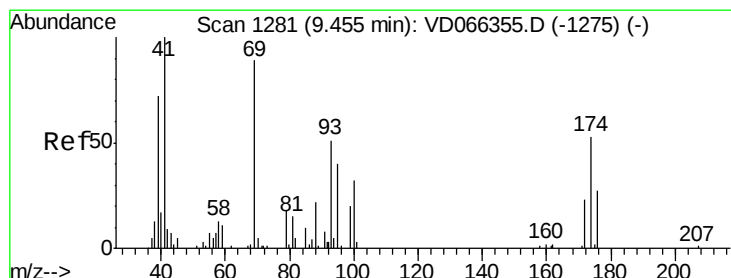
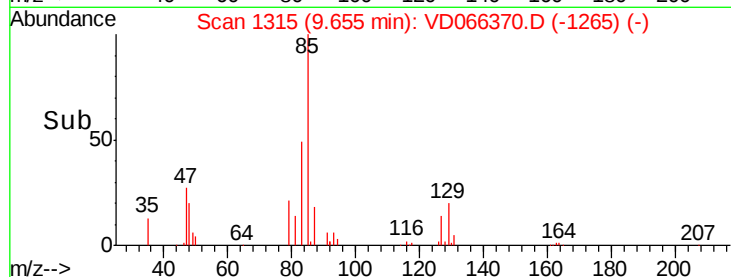
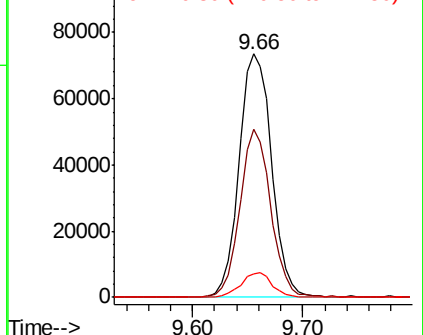
83 100

85 68.9 51.4 77.0

127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.357 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

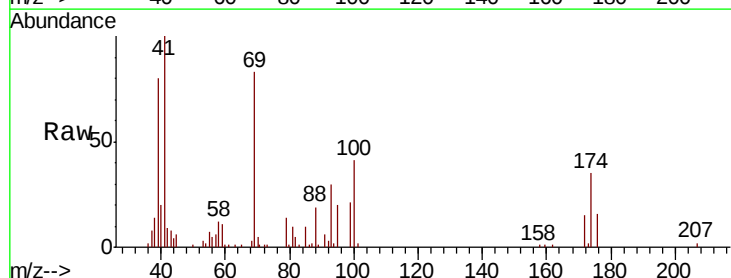
Tgt Ion: 41 Resp: 48697

Ion Ratio Lower Upper

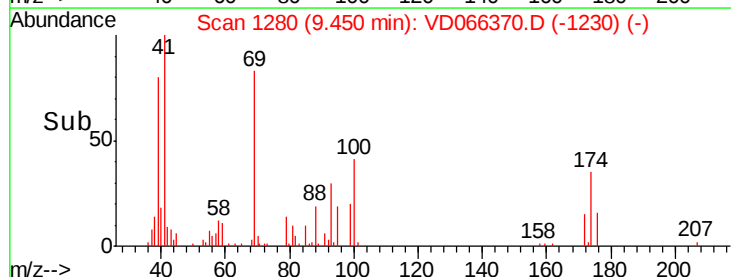
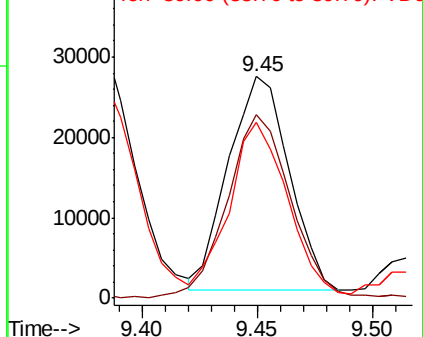
41 100

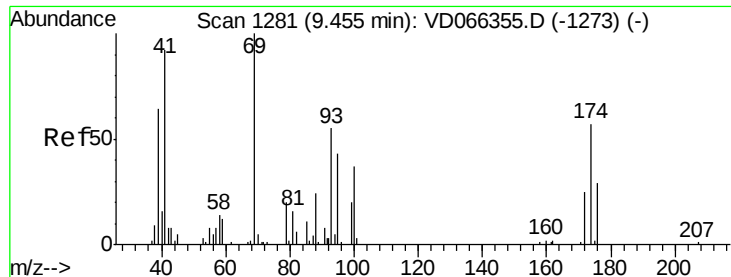
69 90.7 75.5 113.3

39 76.4 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

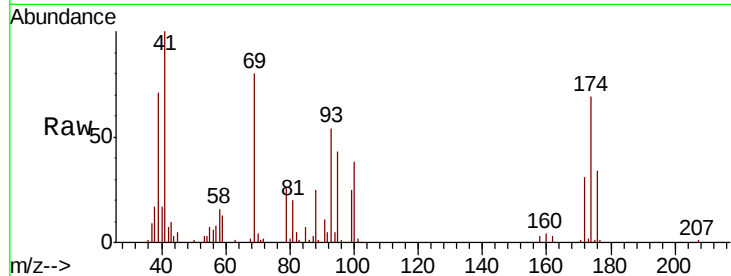




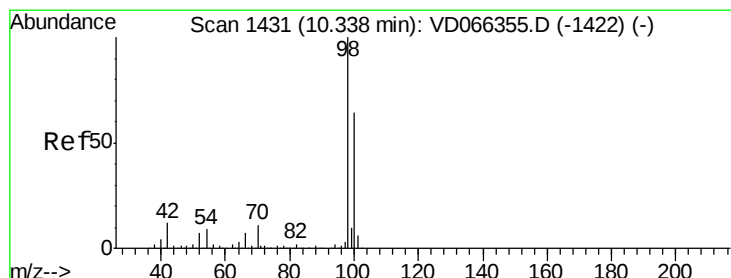
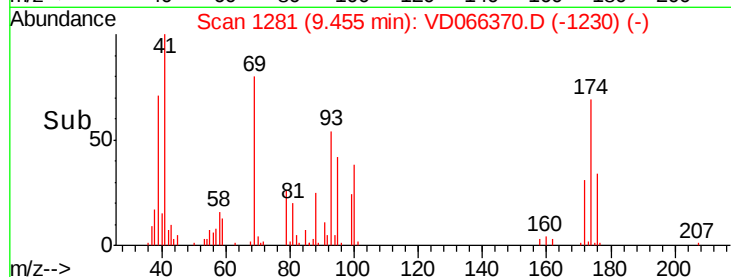
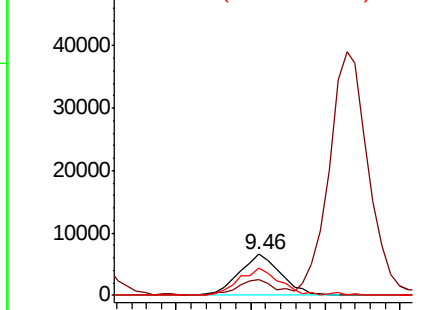
#49
 1,4-Dioxane
 Concen: 1116.667 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 12721
 Ion Ratio Lower Upper
 88 100
 43 36.4 29.4 44.0
 58 63.4 45.4 68.2

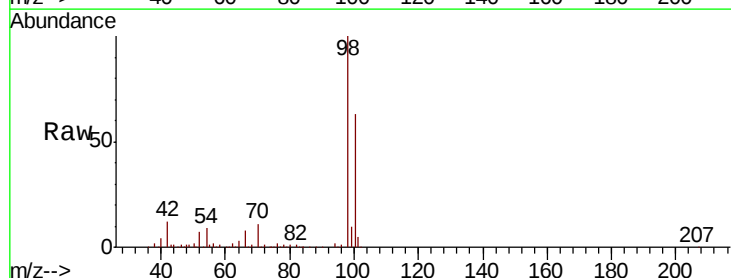


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

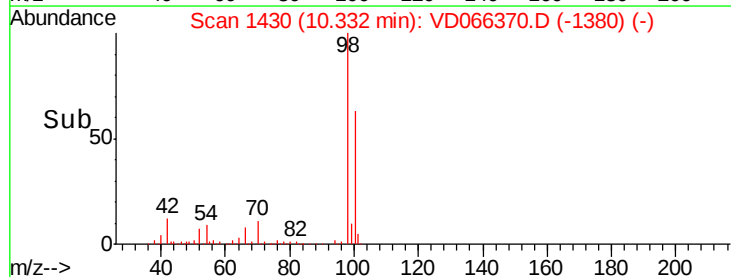
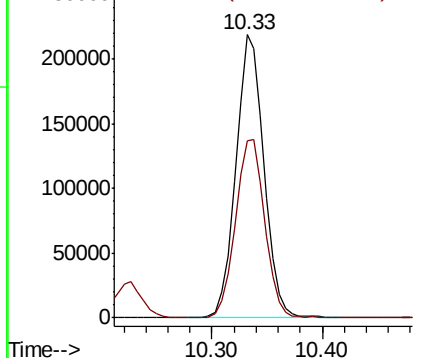


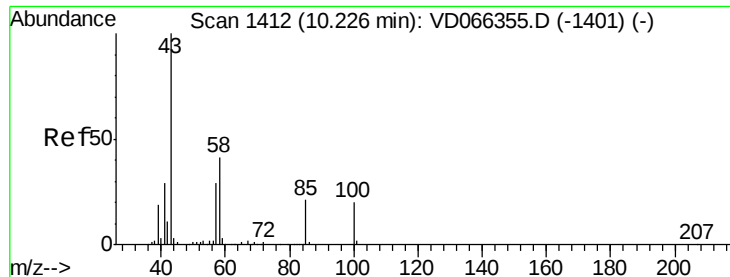
#50
 Toluene-d8
 Concen: 58.821 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 98 Resp: 389696
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 276.178 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

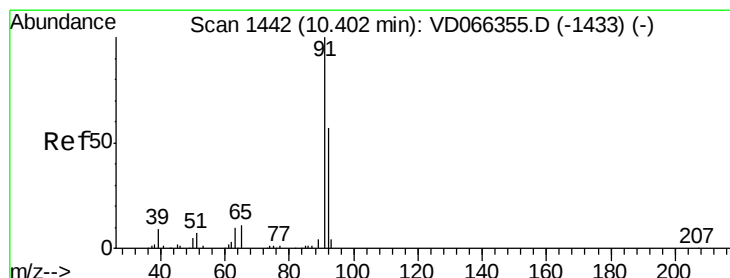
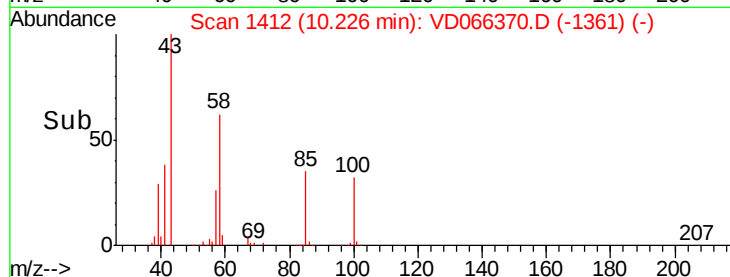
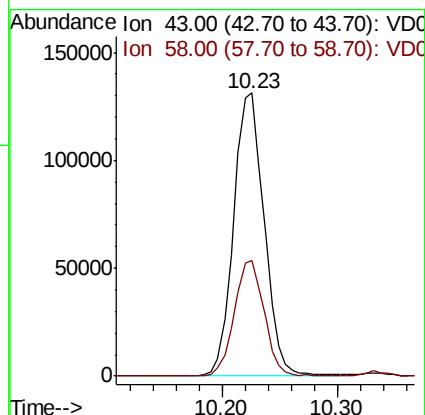
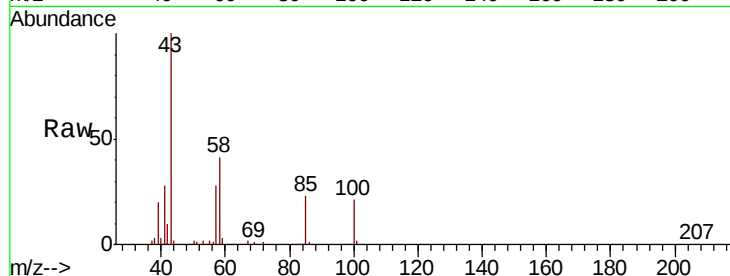
VSTDCCC050EC

Tot Ion: 43 Resp: 240977

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2



#52

Toluene

Concen: 54.673 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066370.D

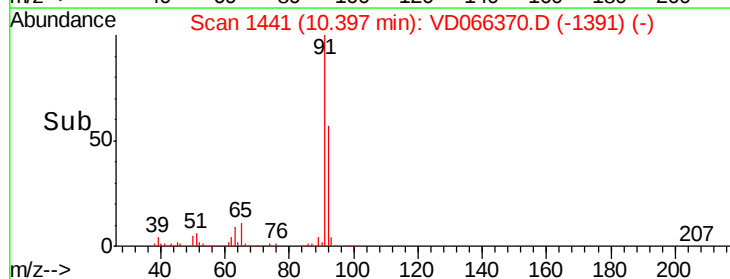
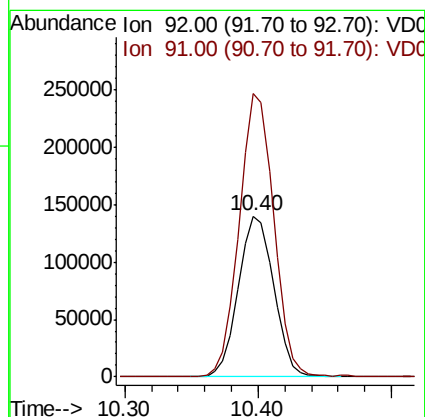
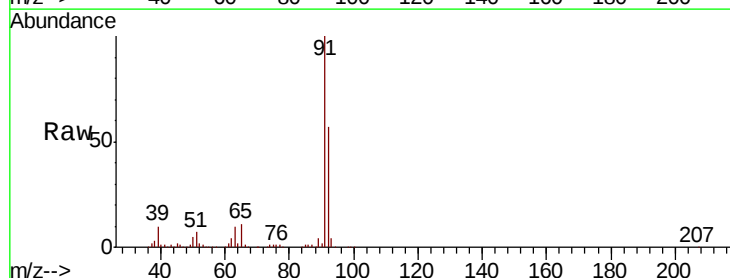
Acq: 21 Aug 2020 20:09

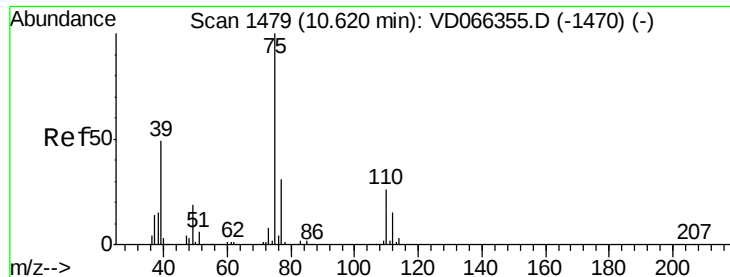
Tgt Ion: 92 Resp: 257456

Ion Ratio Lower Upper

92 100

91 172.5 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 55.435 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

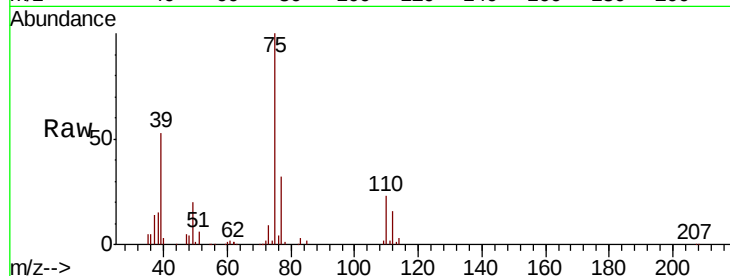
VSTDCCC050EC

Tot Ion: 75 Resp: 141919

Ion Ratio Lower Upper

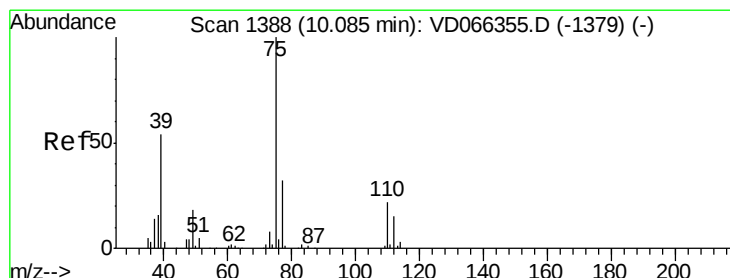
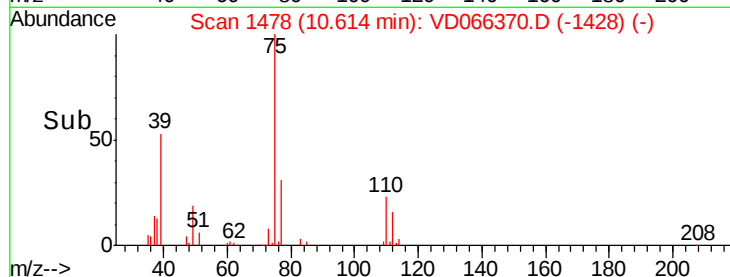
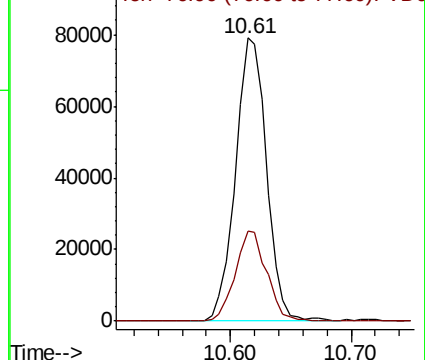
75 100

77 31.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 54.877 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

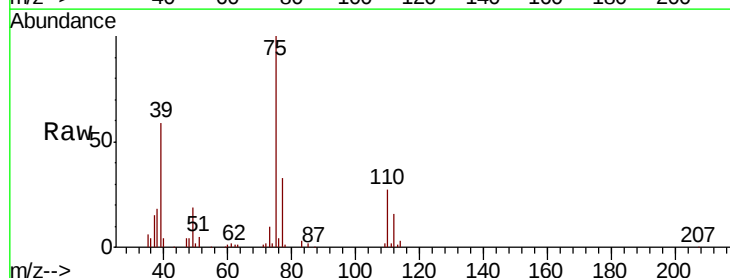
Tgt Ion: 75 Resp: 157696

Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

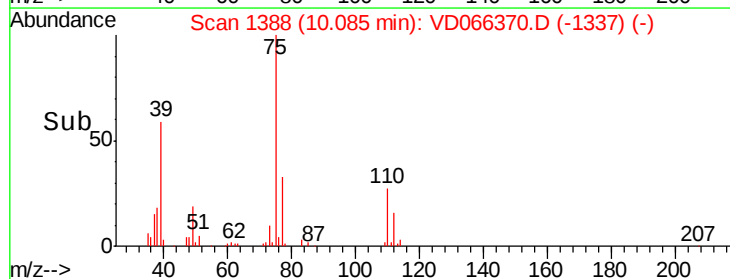
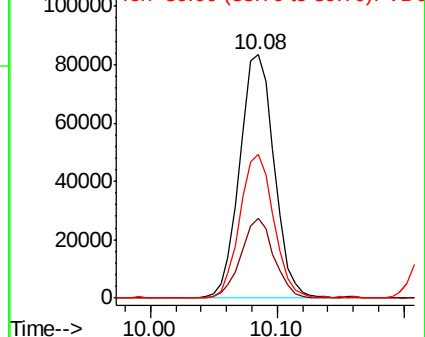
39 59.0 43.4 65.0

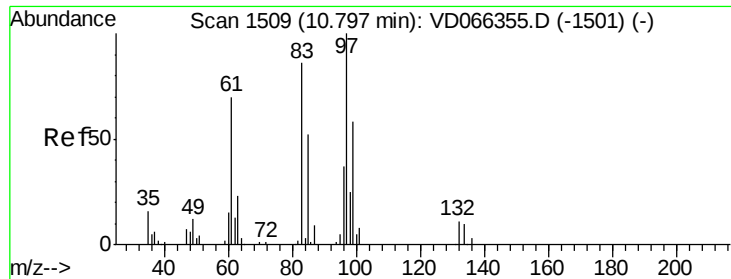


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 53.951 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 71656

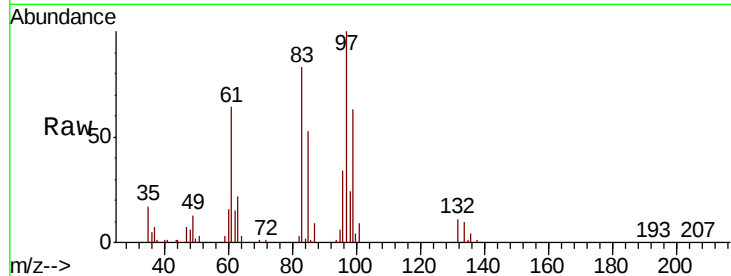
Ion Ratio Lower Upper

97 100

83 83.2 68.4 102.6

85 52.8 41.3 61.9

99 63.3 46.1 69.1



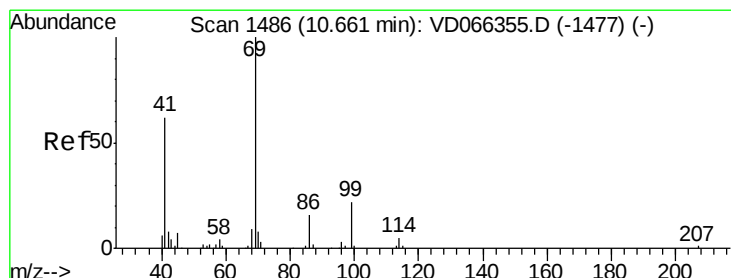
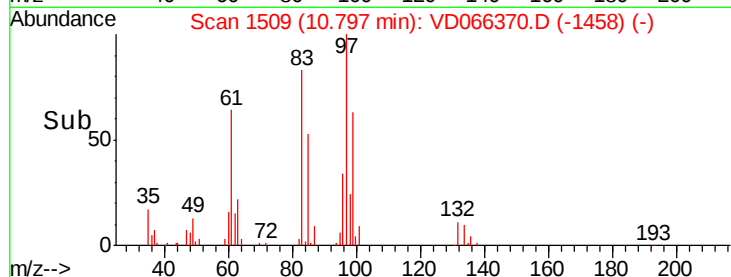
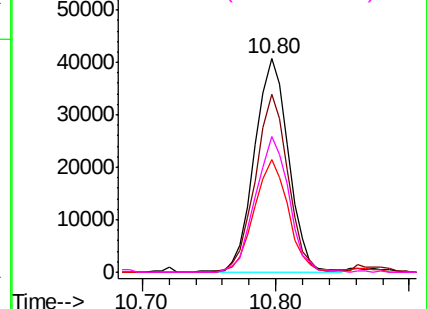
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 55.823 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

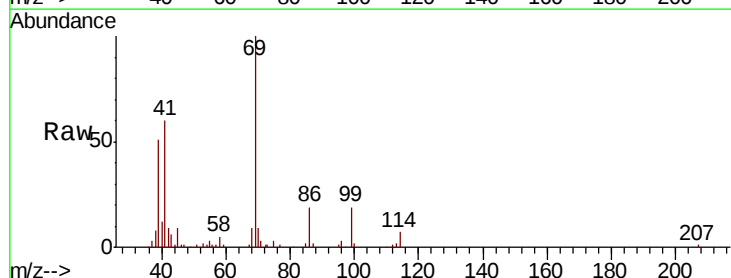
Tgt Ion: 69 Resp: 85829

Ion Ratio Lower Upper

69 100

41 66.0 50.8 76.2

39 47.9 32.9 49.3

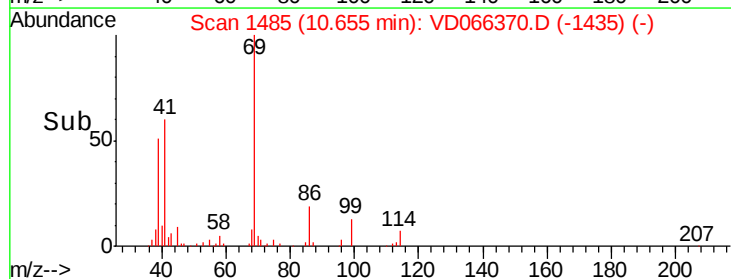
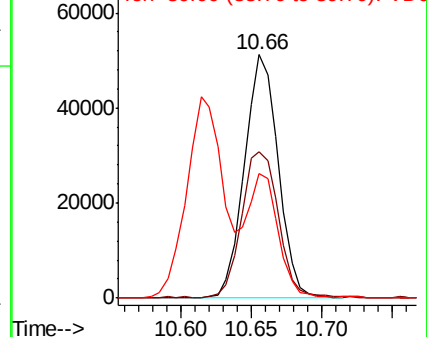


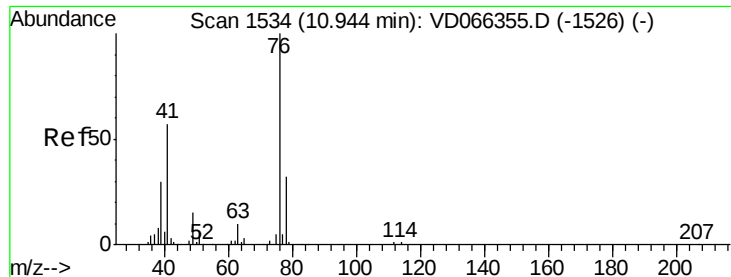
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

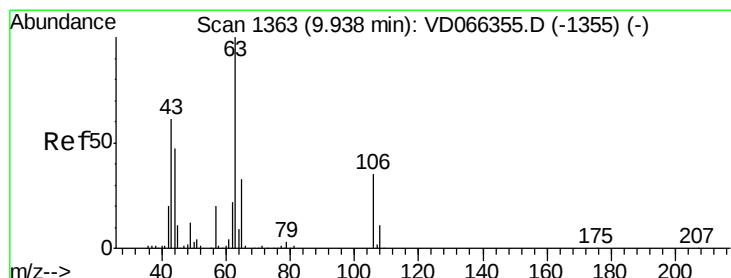
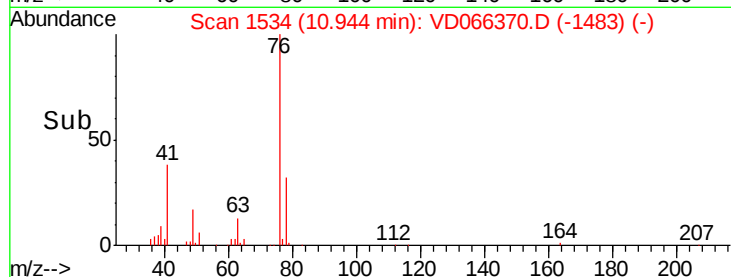
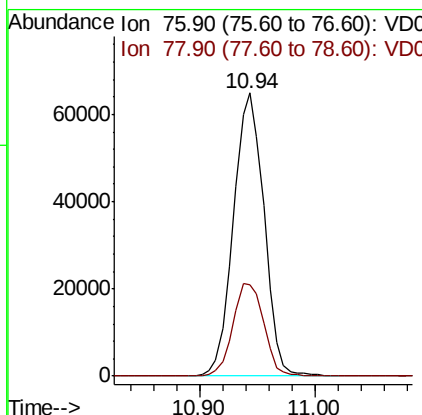
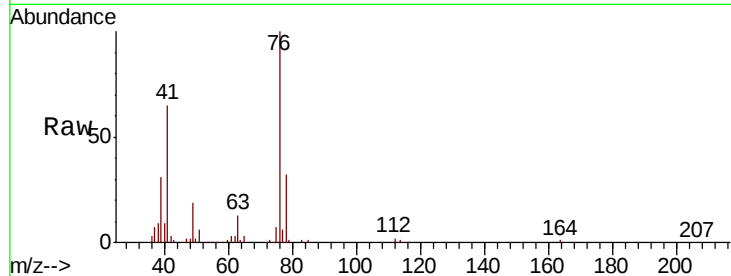




#57
 1,3-Dichloropropane
 Concen: 54.147 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

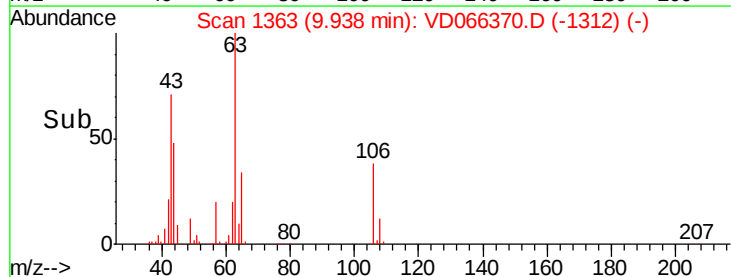
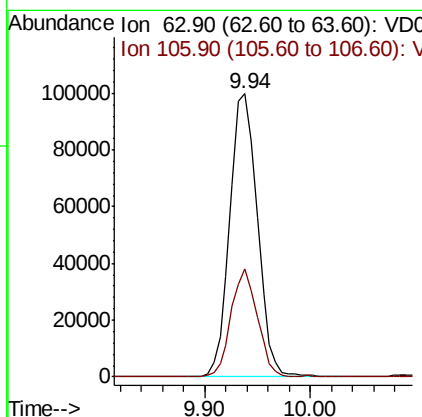
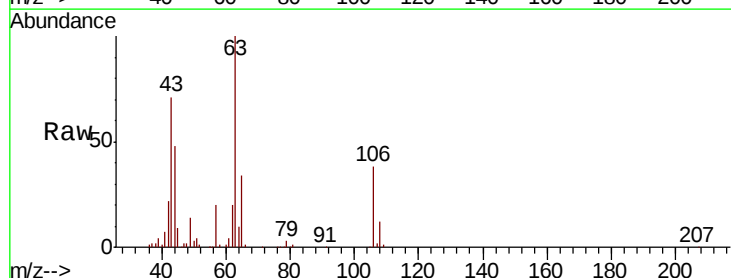
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

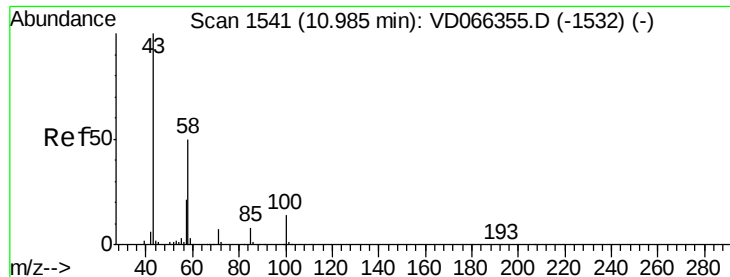
Tot Ion: 76 Resp: 118956
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.185 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 63 Resp: 180833
 Ion Ratio Lower Upper
 63 100
 106 36.4 27.1 40.7

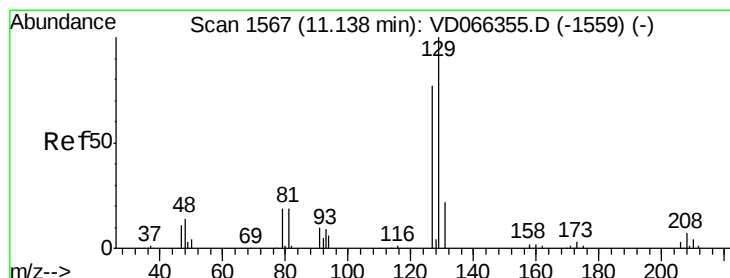
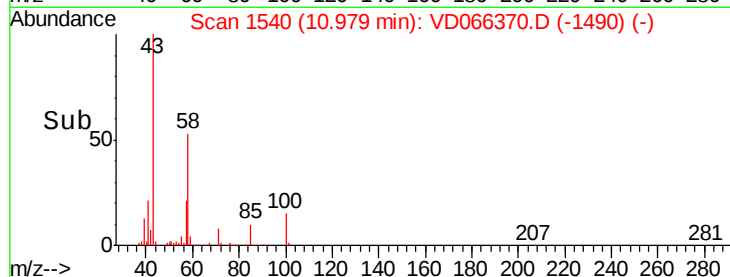
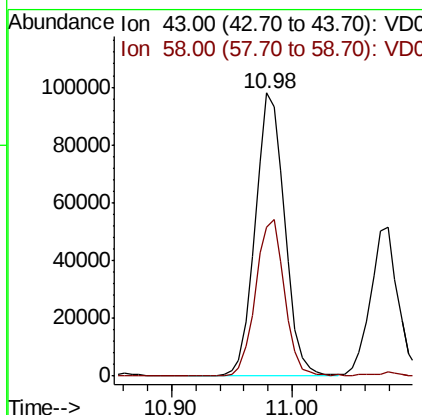
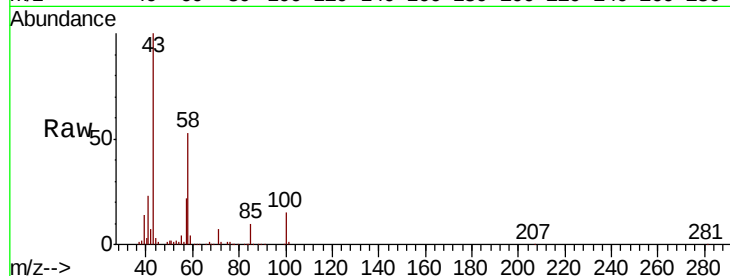




#59
2-Hexanone
Concen: 271.564 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

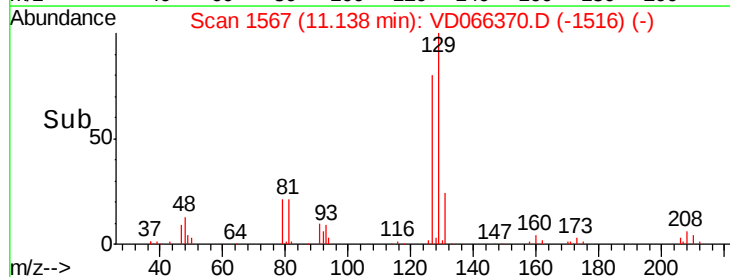
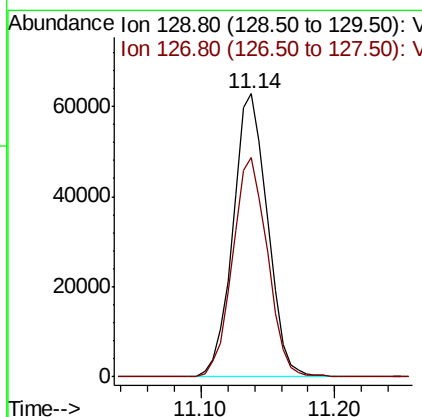
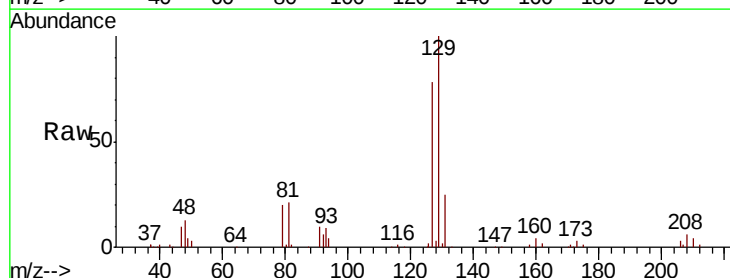
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

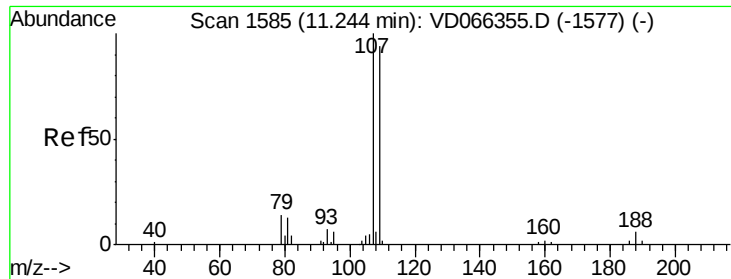
Tot Ion: 43 Resp: 167137
Ion Ratio Lower Upper
43 100
58 54.3 26.3 78.8



#60
Dibromochloromethane
Concen: 56.113 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 129 Resp: 112339
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

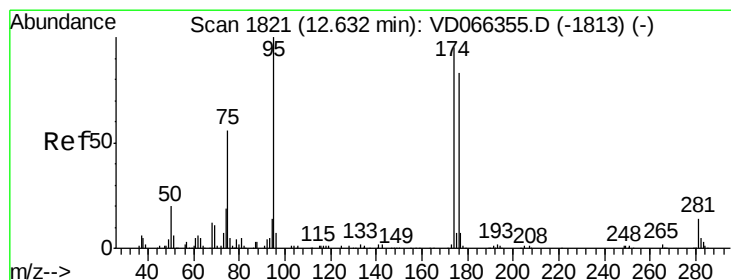
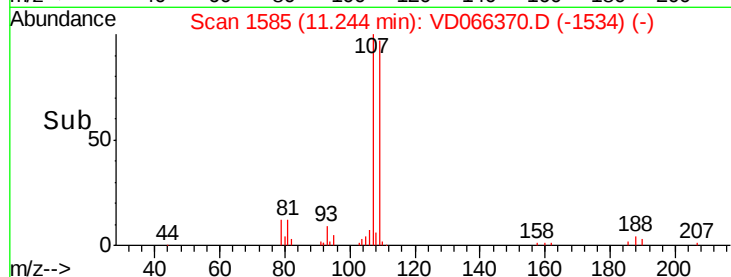
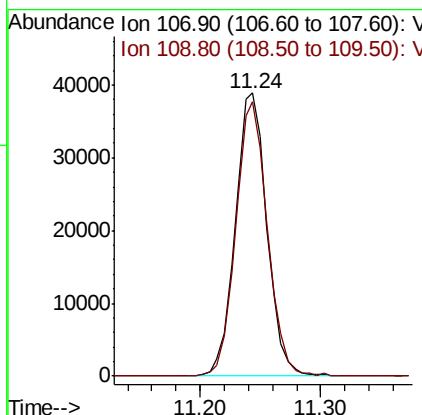
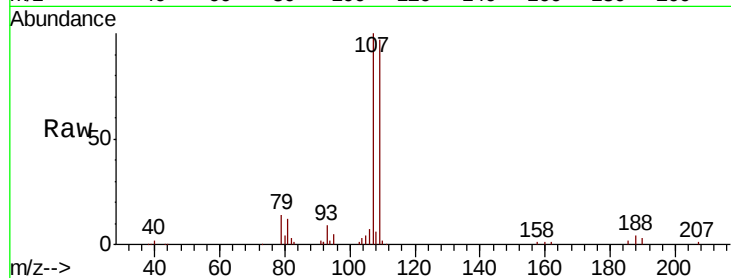




#61
 1,2-Dibromoethane
 Concen: 54.117 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

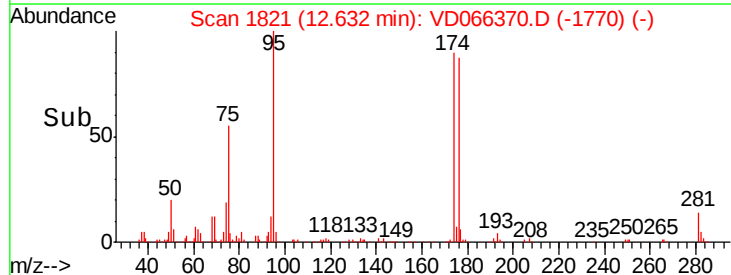
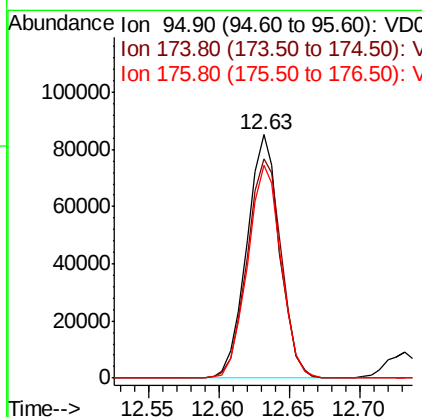
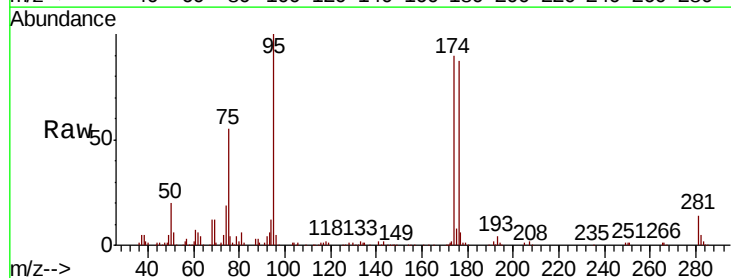
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

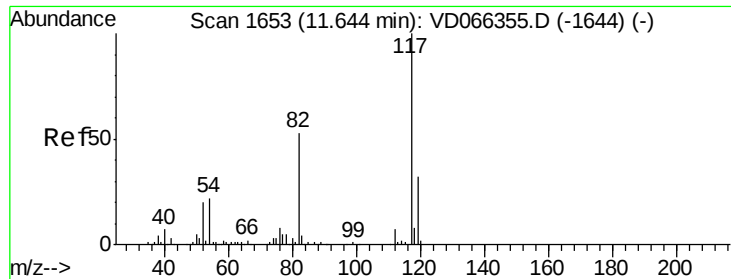
Tot Ion:107 Resp: 70734
 Ion Ratio Lower Upper
 107 100
 109 96.6 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 59.247 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 95 Resp: 139280
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 183.4
 176 89.3 0.0 173.8

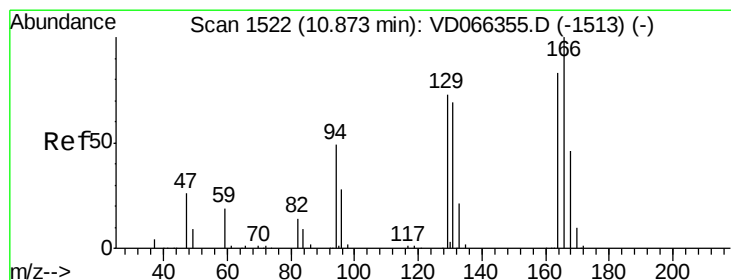
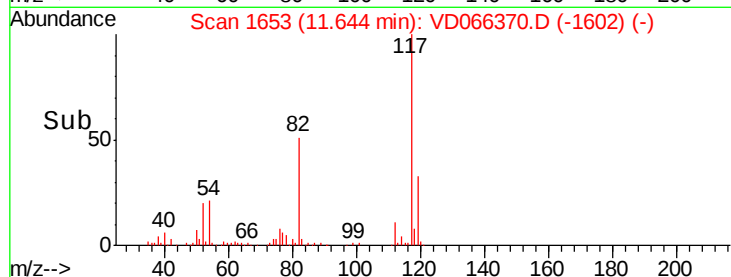
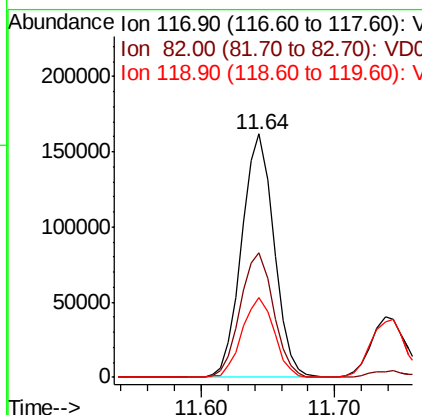
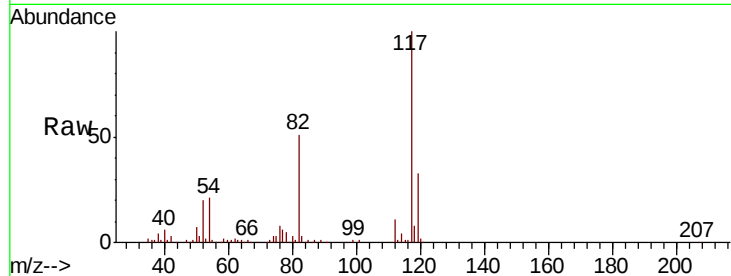




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

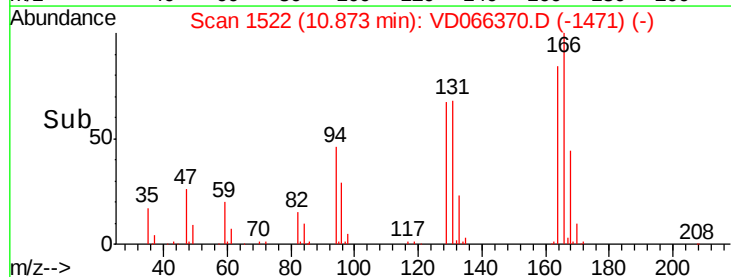
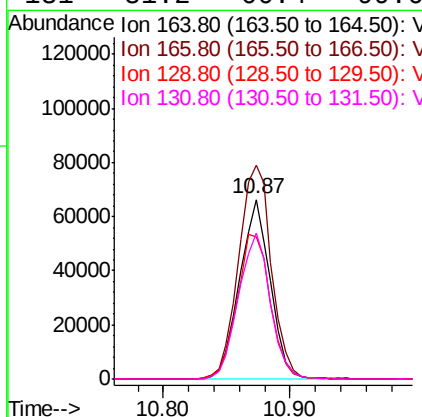
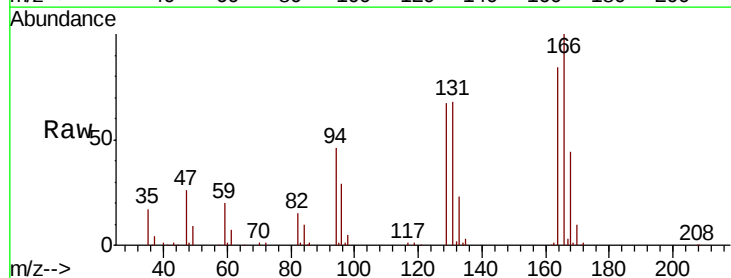
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

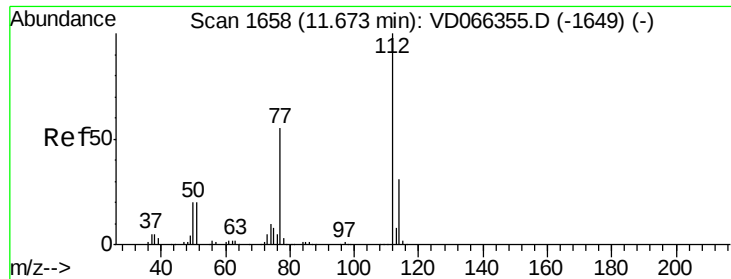
Tot Ion:117 Resp: 271087
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 54.020 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion:164 Resp: 111090
Ion Ratio Lower Upper
164 100
166 119.0 96.2 144.4
129 79.4 70.3 105.5
131 81.2 66.4 99.6

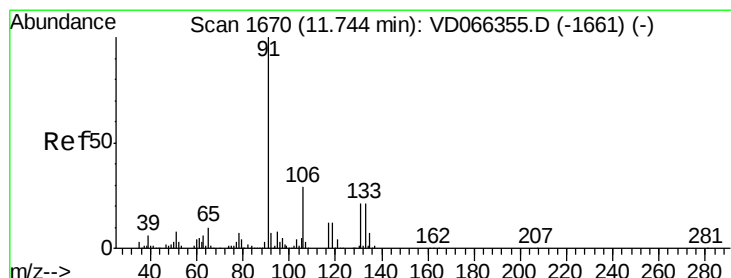
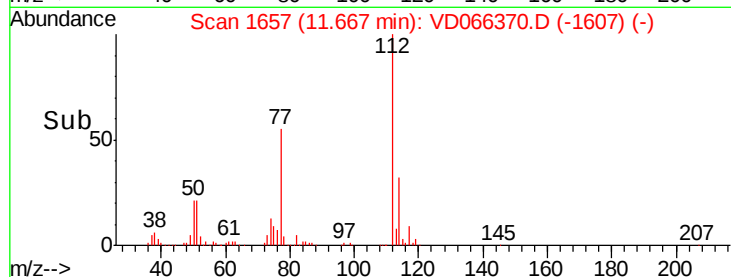
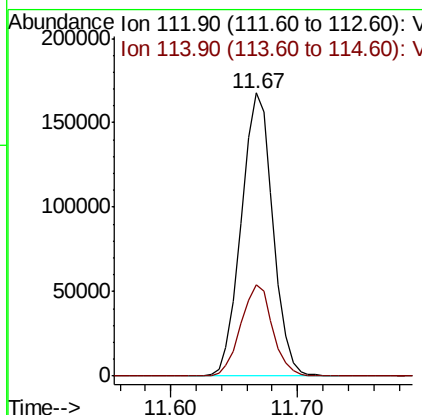
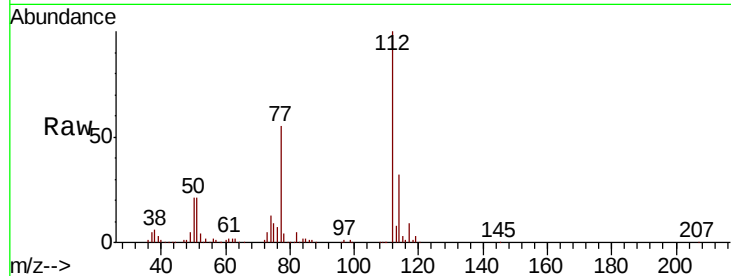




#65
Chlorobenzene
Concen: 53.792 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

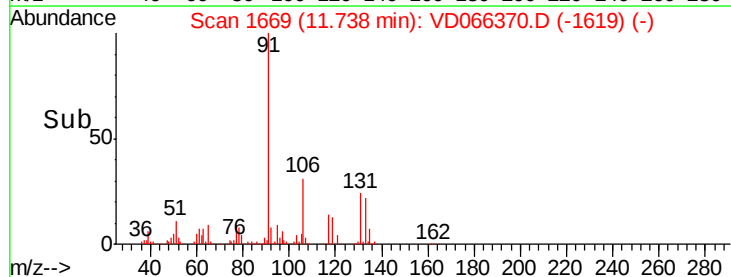
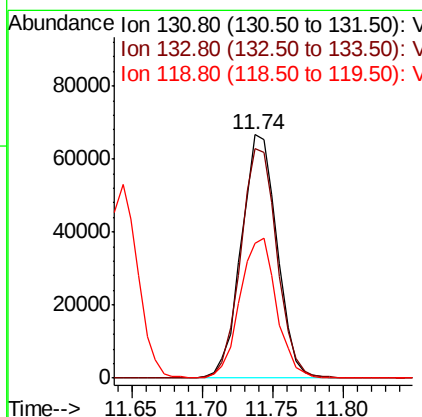
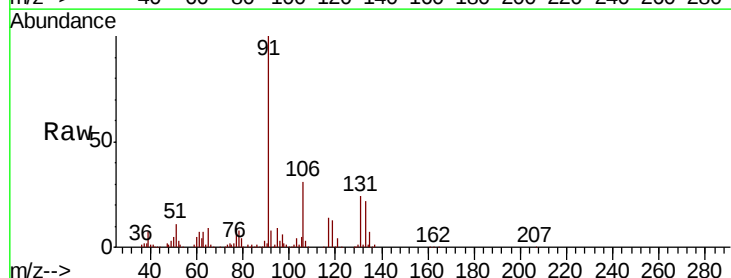
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

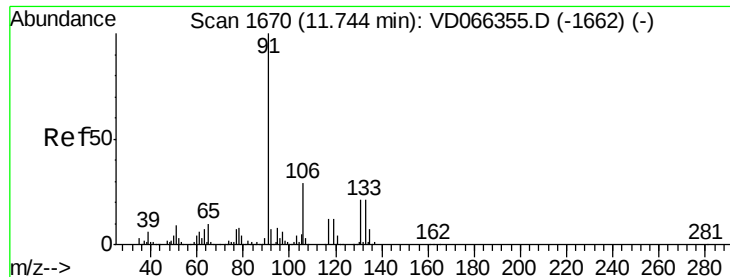
Tot Ion:112 Resp: 290115
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.728 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion:131 Resp: 118420
Ion Ratio Lower Upper
131 100
133 95.9 48.6 145.9
119 58.8 29.0 87.1

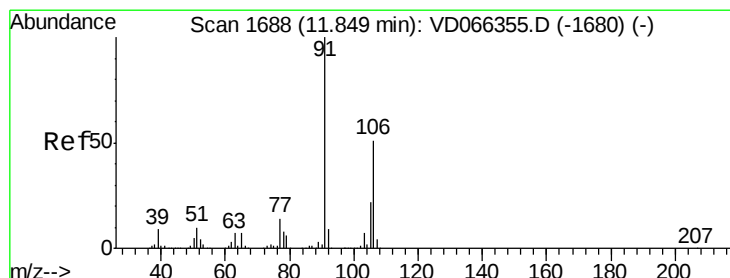
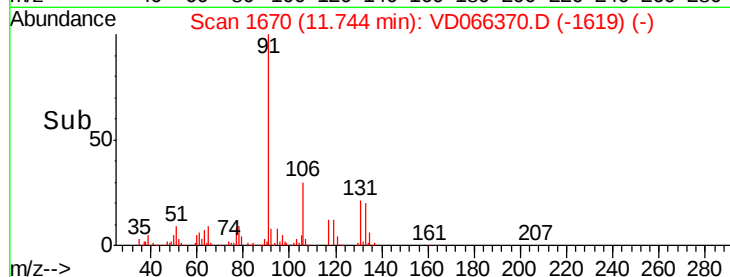
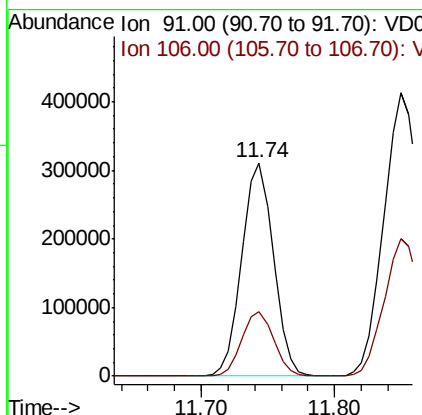
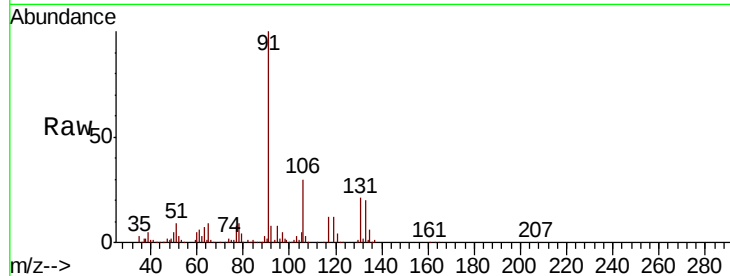




#67
Ethyl Benzene
Concen: 53.862 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

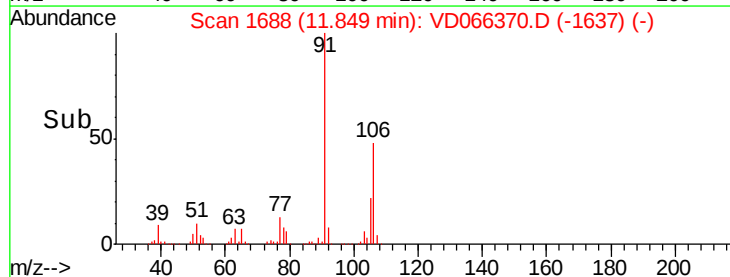
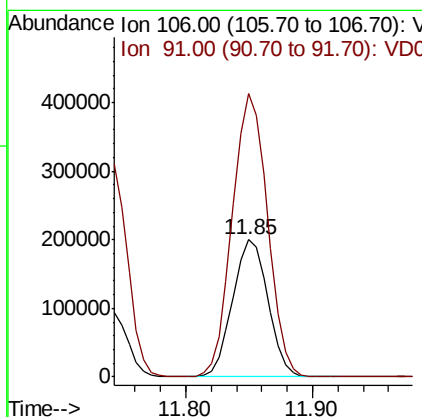
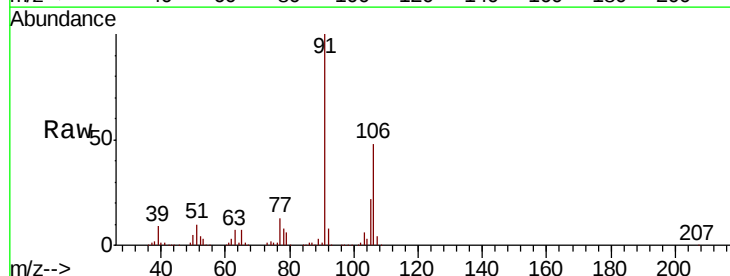
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

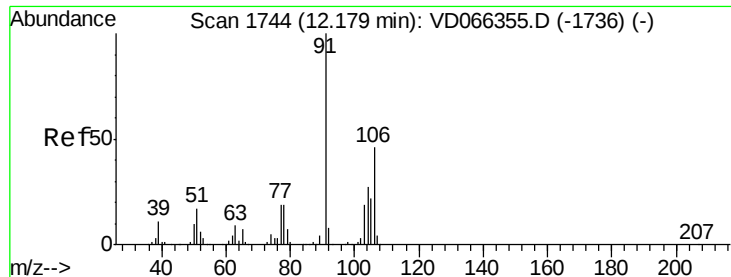
Tot Ion: 91 Resp: 511346
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2



#68
m/p-Xylenes
Concen: 107.017 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 106 Resp: 387244
Ion Ratio Lower Upper
106 100
91 205.6 160.7 241.1

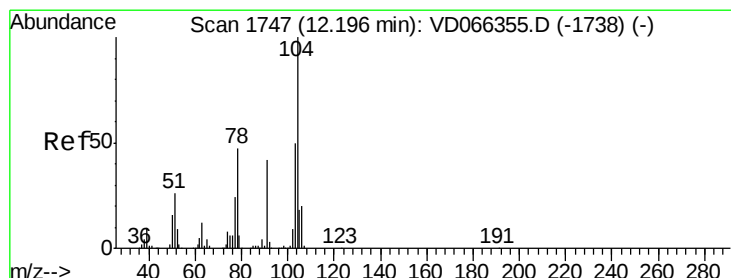
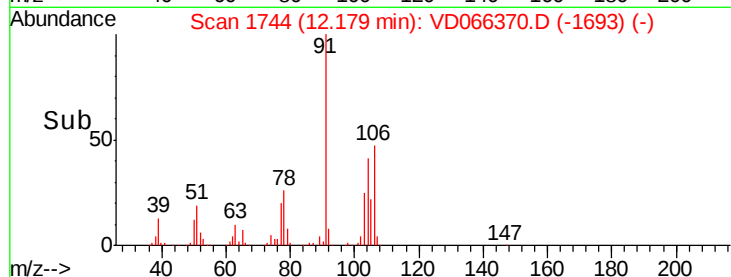
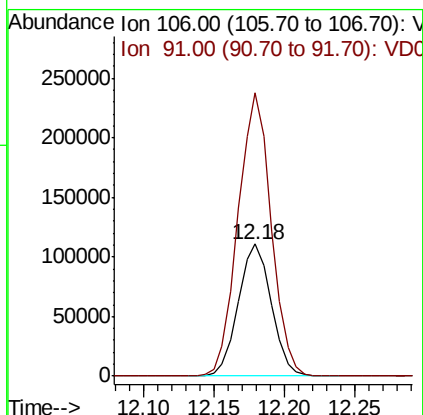
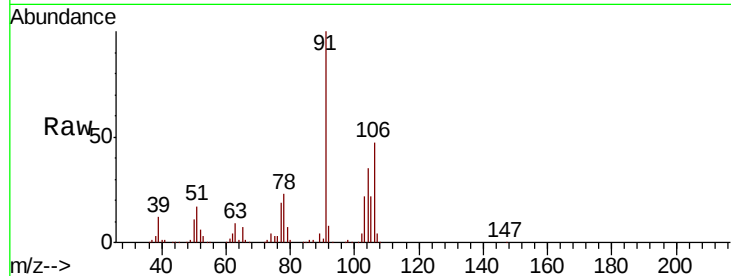




#69
o-Xylene
Concen: 54.001 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

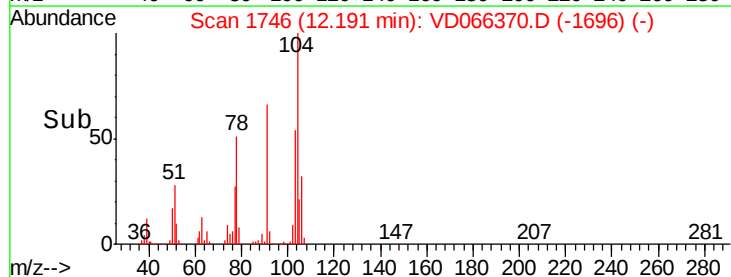
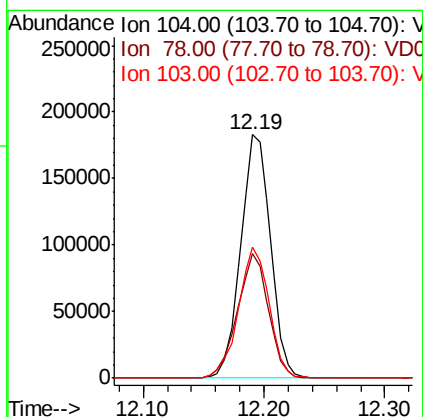
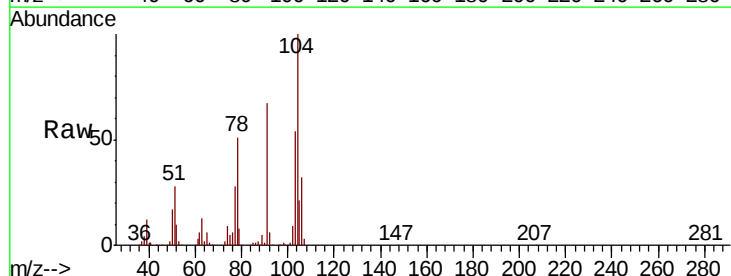
Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

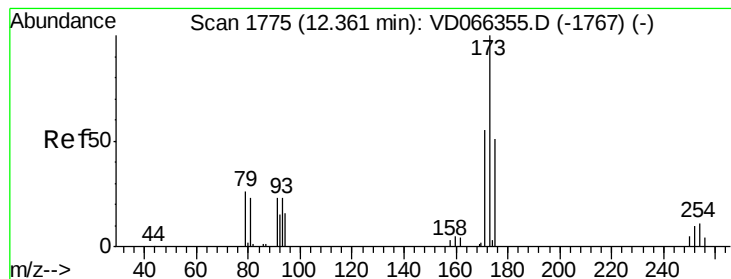
Tot Ion:106 Resp: 181783
Ion Ratio Lower Upper
106 100
91 214.4 109.1 327.3



#70
Styrene
Concen: 54.651 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion:104 Resp: 315885
Ion Ratio Lower Upper
104 100
78 53.2 41.7 62.5
103 55.2 43.5 65.3





#71

Bromoform

Concen: 55.434 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

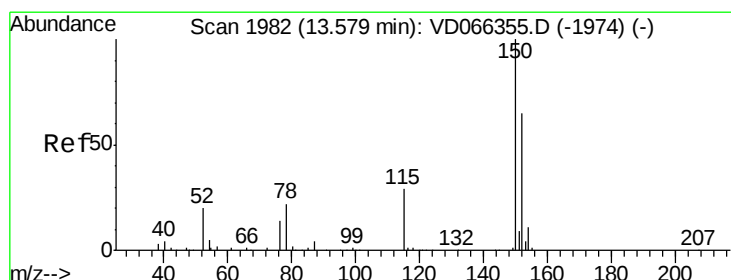
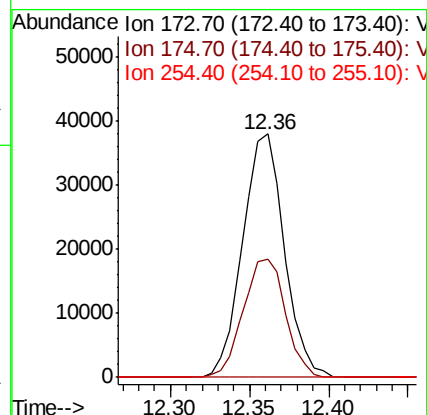
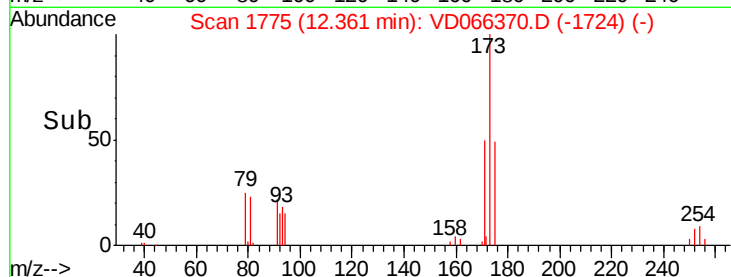
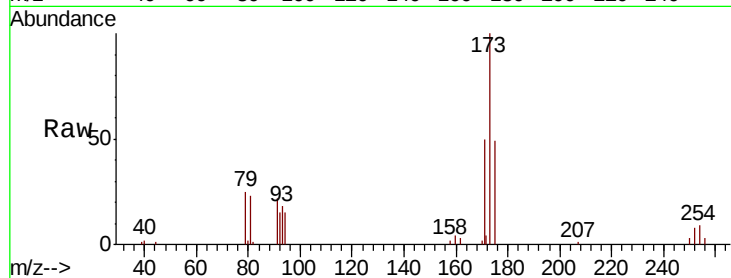
Tot Ion:173 Resp: 69318

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

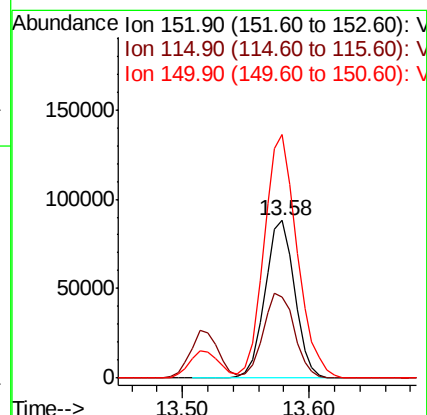
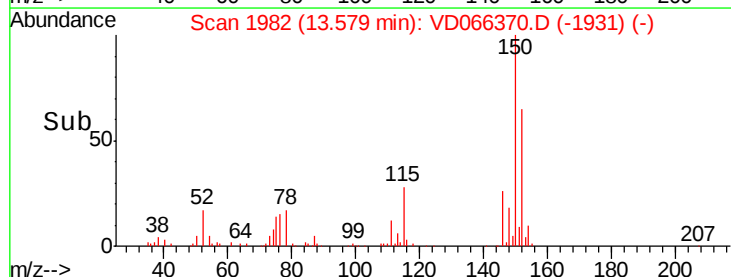
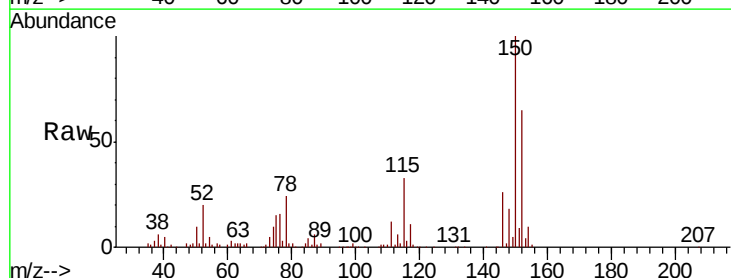
Tgt Ion:152 Resp: 143289

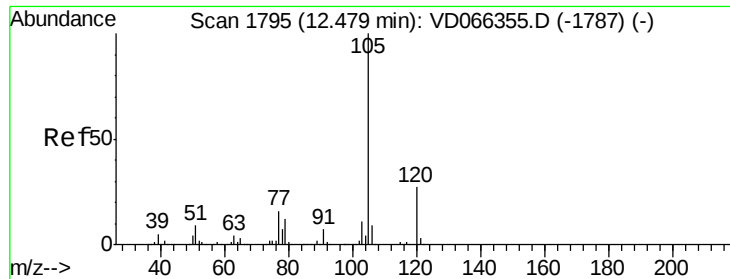
Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

150 171.7 0.0 343.2

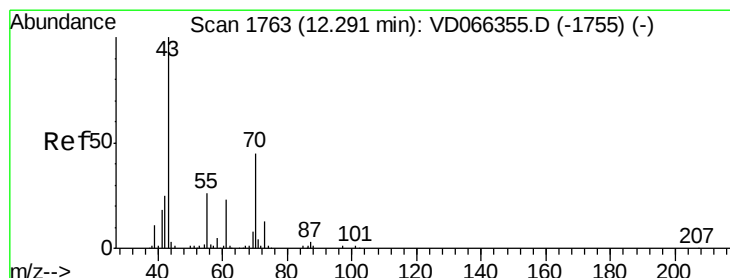
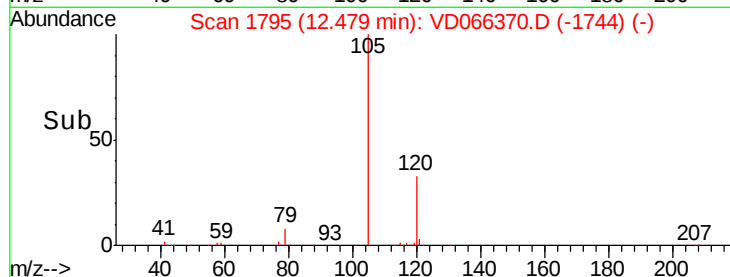
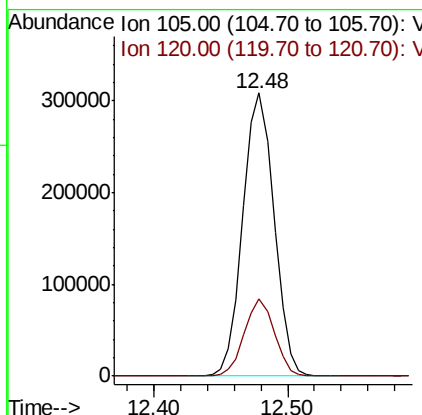
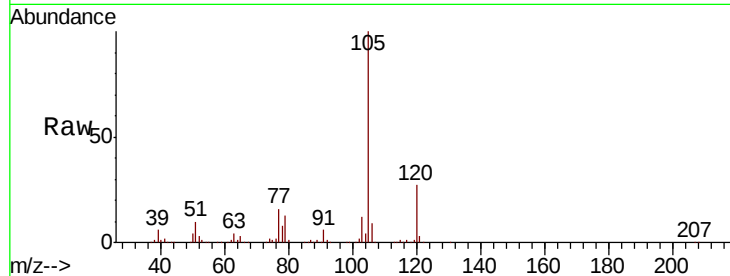




#73
Isopropylbenzene
Concen: 52.045 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

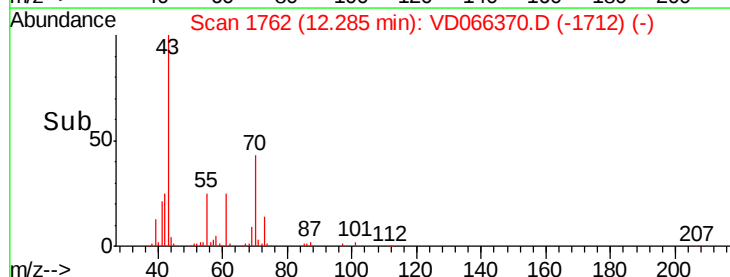
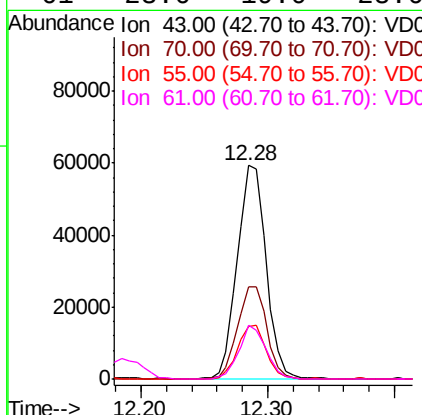
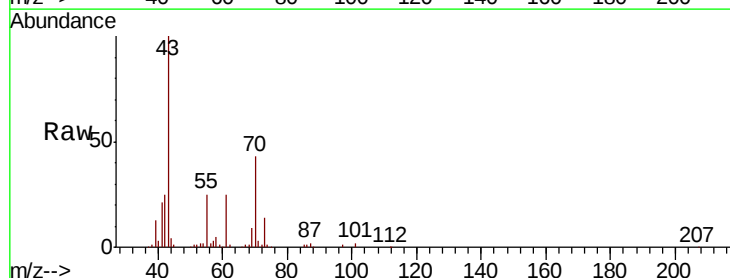
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

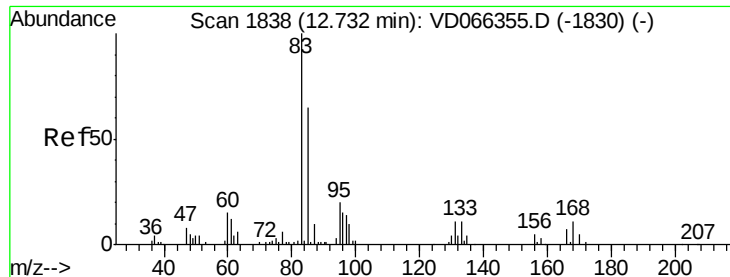
Tot Ion:105 Resp: 499574
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.8



#74
N-ethyl acetate
Concen: 53.981 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 43 Resp: 93585
Ion Ratio Lower Upper
43 100
70 43.8 34.8 52.2
55 24.7 20.3 30.5
61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.601 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

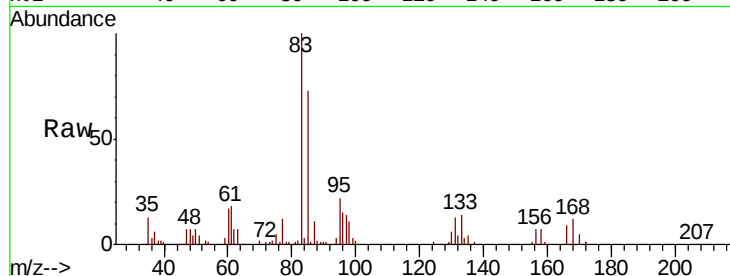
Tot Ion: 83 Resp: 70756

Ion Ratio Lower Upper

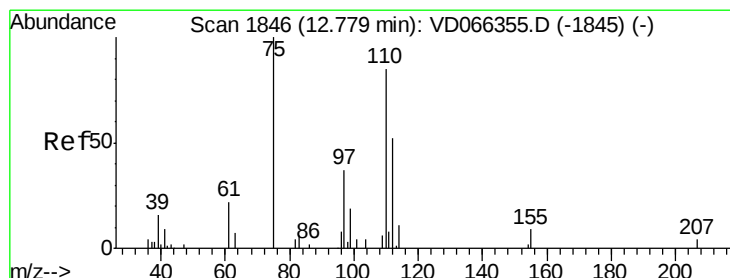
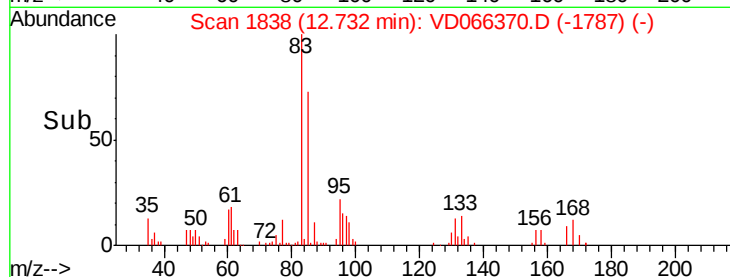
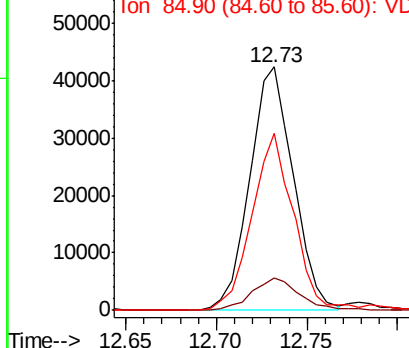
83 100

131 14.6 7.0 20.9

85 69.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 104.813 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. 0.00 min

Lab File: VD066370.D

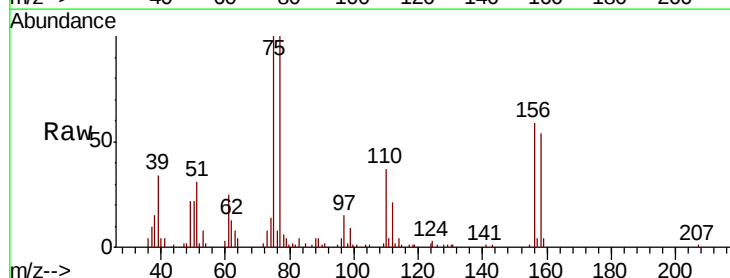
Acq: 21 Aug 2020 20:09

Tgt Ion: 75 Resp: 105656

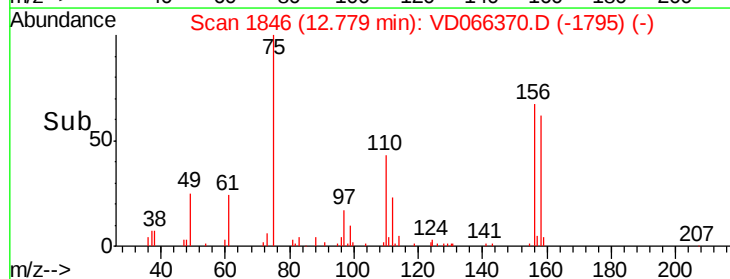
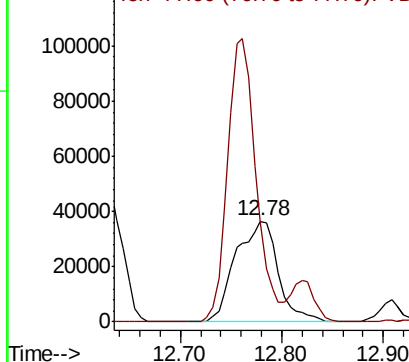
Ion Ratio Lower Upper

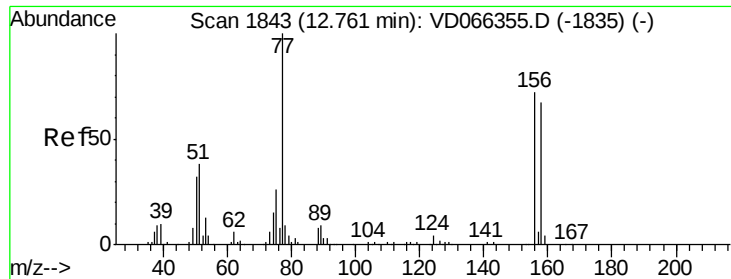
75 100

77 188.0 182.9 548.9



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.006 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

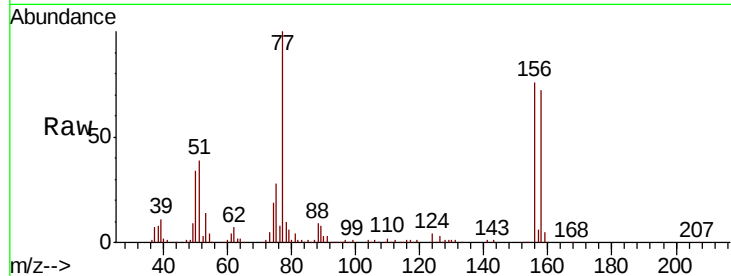
Tot Ion:156 Resp: 131576

Ion Ratio Lower Upper

156 100

77 150.9 76.1 228.3

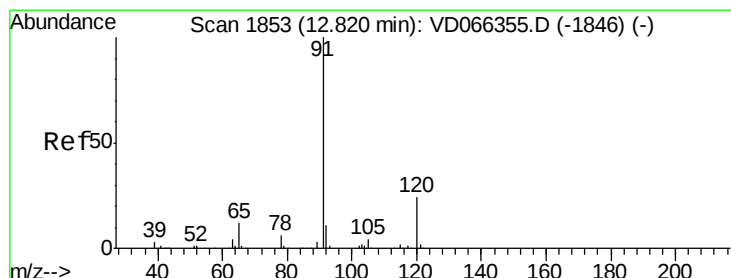
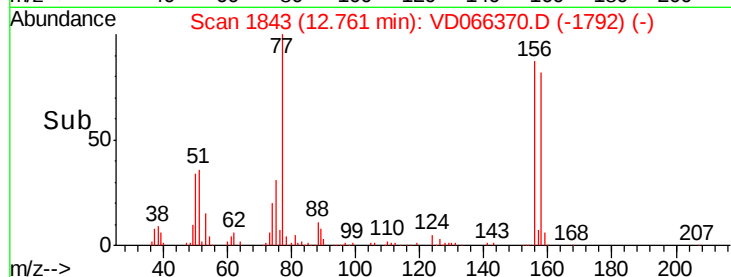
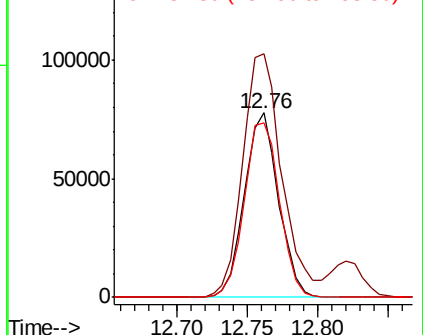
158 98.4 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.089 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066370.D

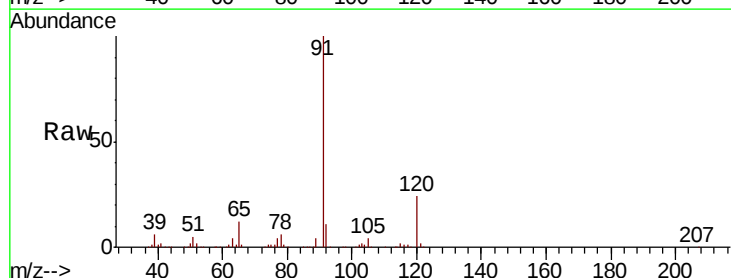
Acq: 21 Aug 2020 20:09

Tgt Ion: 91 Resp: 562285

Ion Ratio Lower Upper

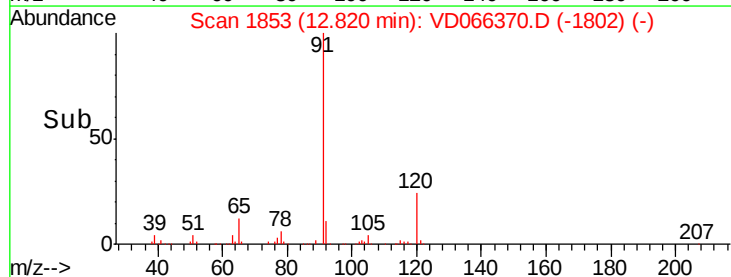
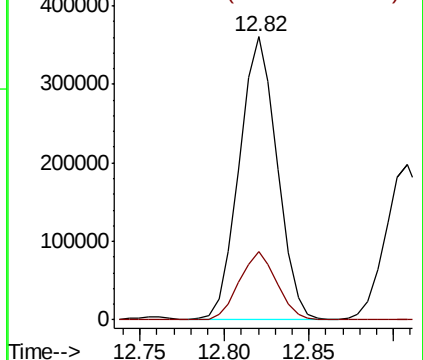
91 100

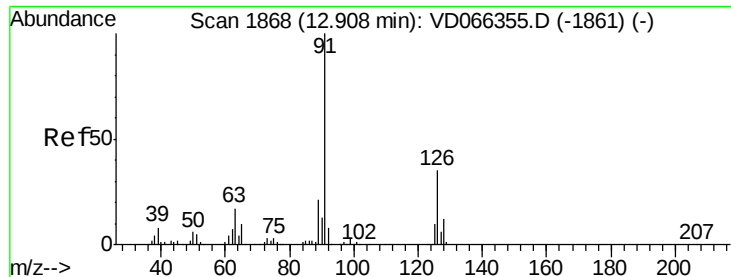
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

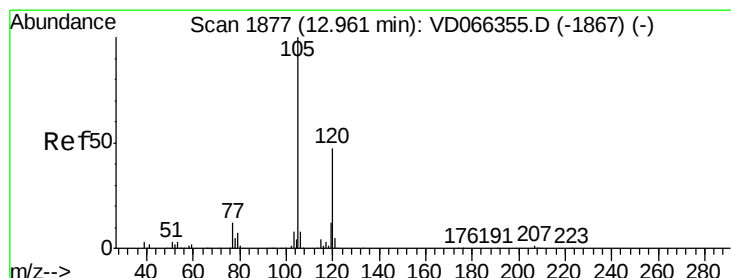
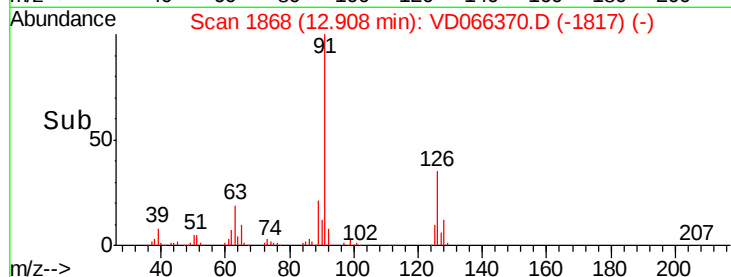
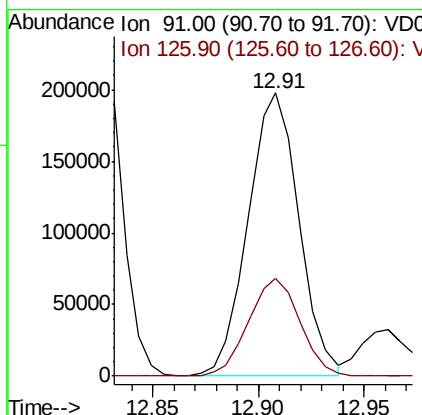
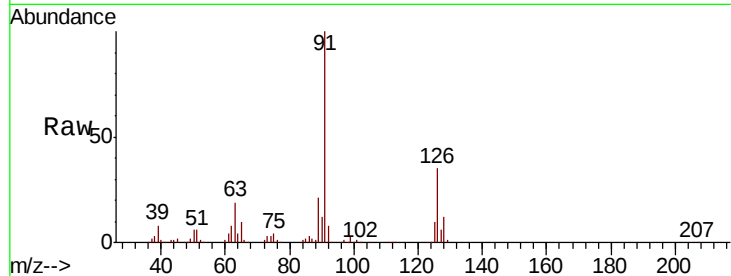




#79
 2-Chlorotoluene
 Concen: 52.437 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

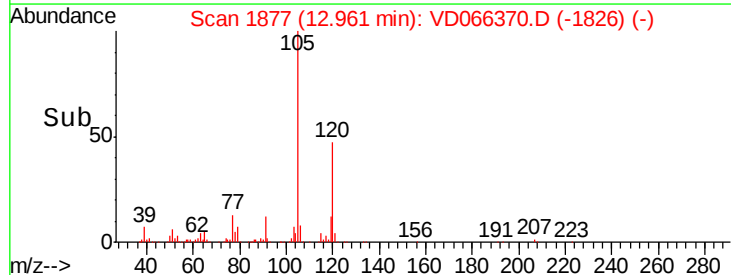
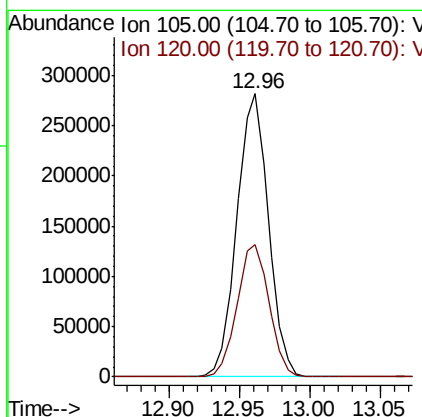
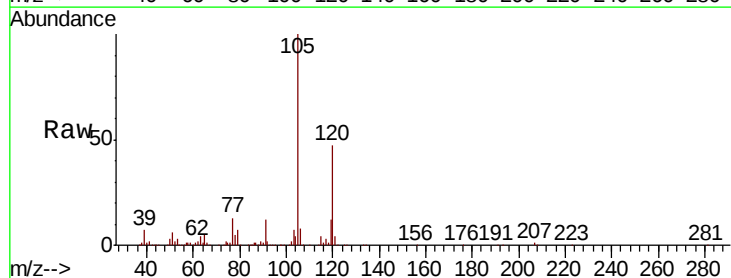
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

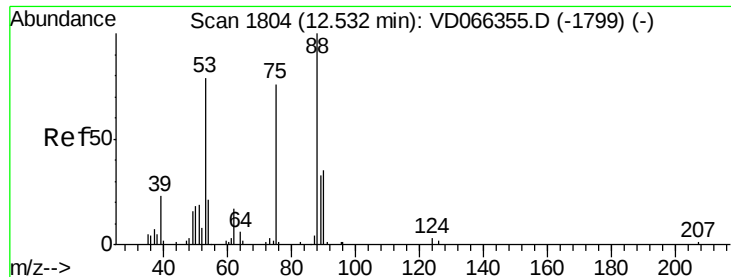
Tot Ion: 91 Resp: 329616
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.973 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion: 105 Resp: 439031
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.437 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

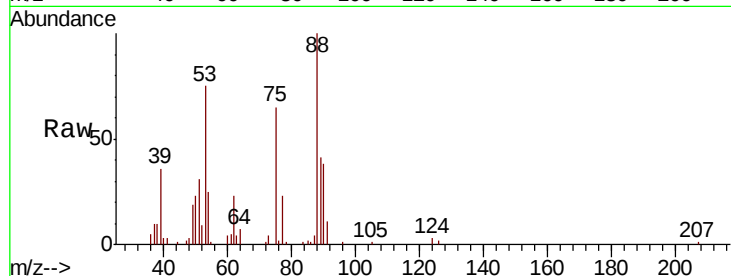
Tot Ion: 75 Resp: 25377

Ion Ratio Lower Upper

75 100

53 108.6 87.4 131.2

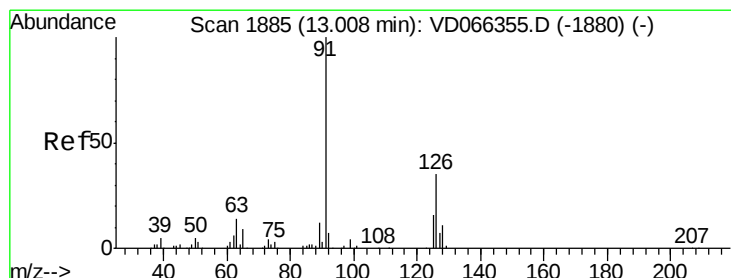
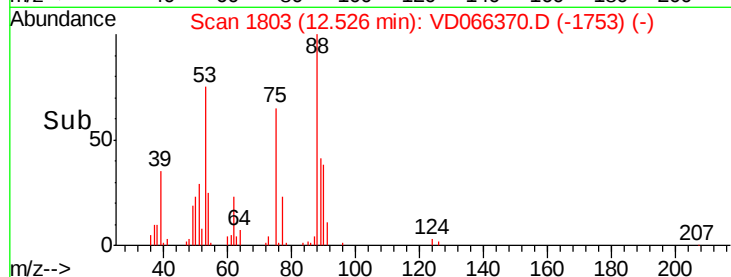
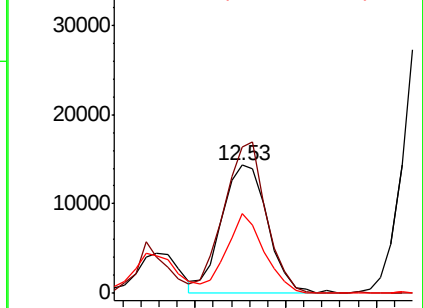
89 51.2 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 52.037 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066370.D

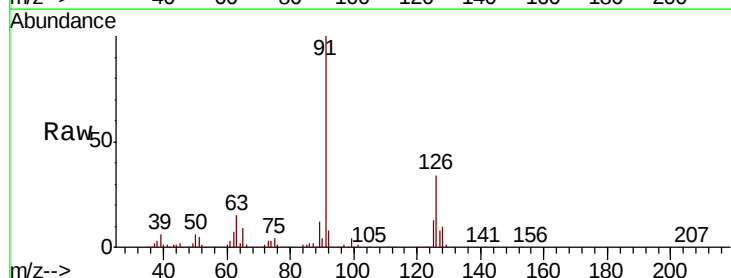
Acq: 21 Aug 2020 20:09

Tgt Ion: 91 Resp: 346554

Ion Ratio Lower Upper

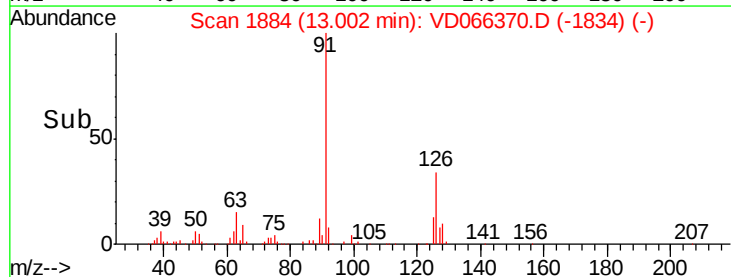
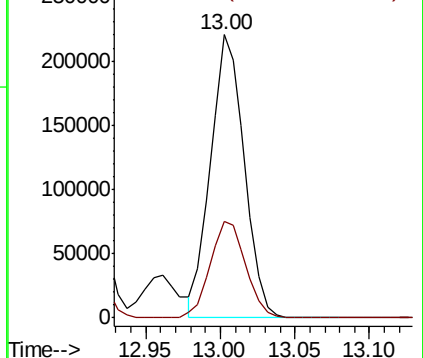
91 100

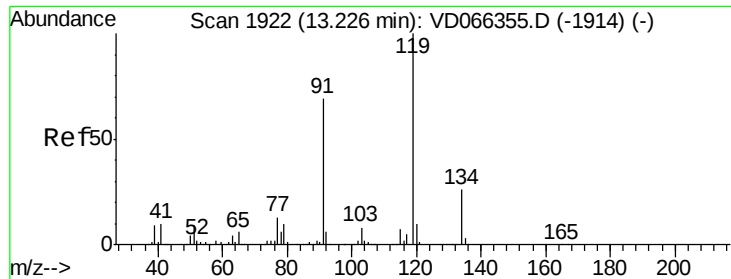
126 35.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

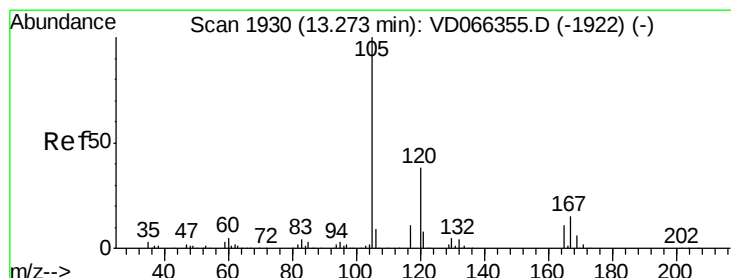
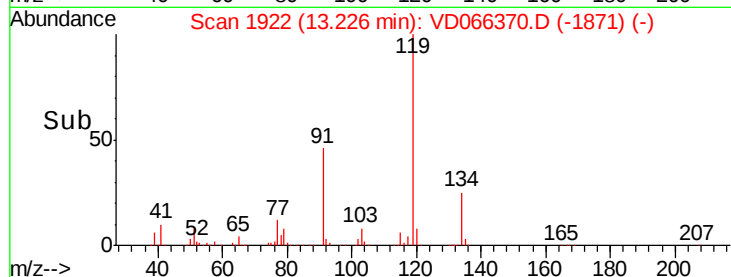
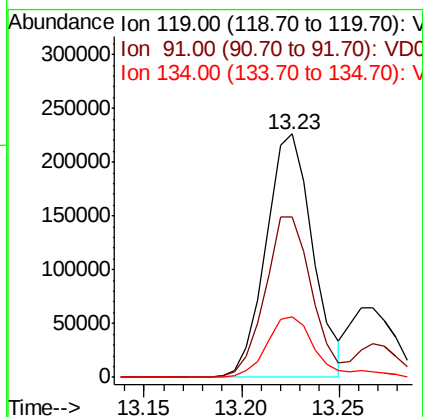
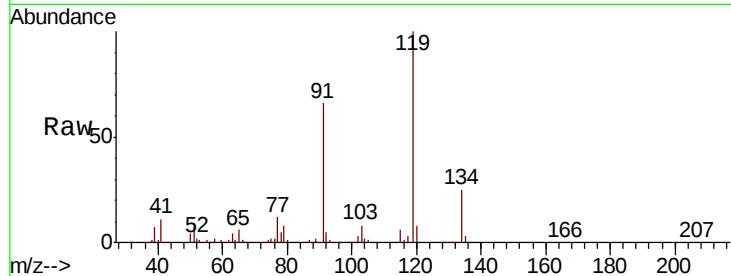




#83
 tert-Butylbenzene
 Concen: 52.191 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

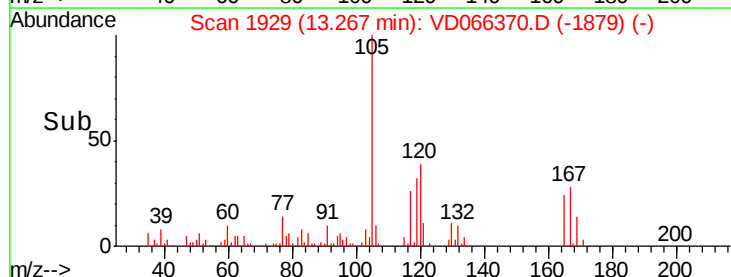
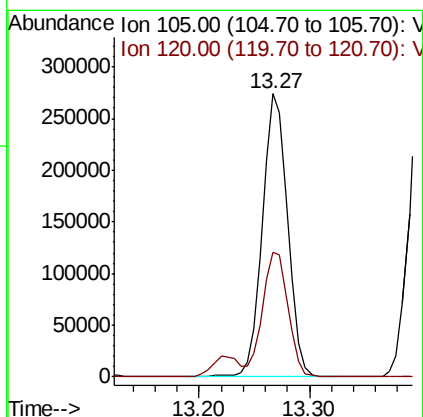
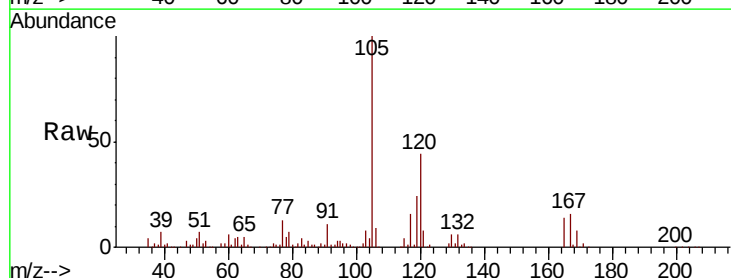
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

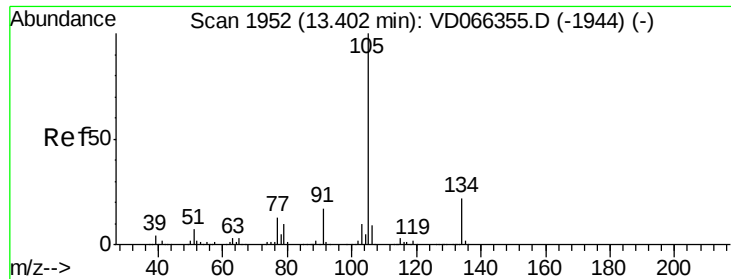
Tot Ion:119 Resp: 375705
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.5 100.5
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.009 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion:105 Resp: 439651
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.824 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

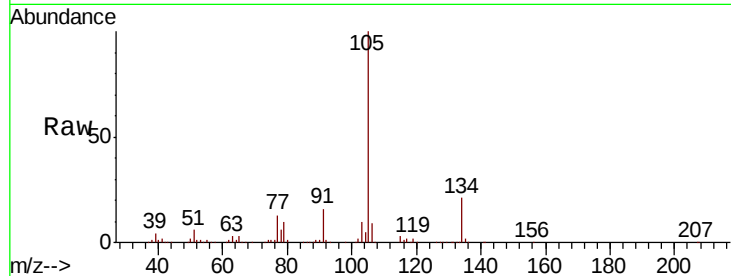
VSTDCCC050EC

Tot Ion:105 Resp: 488788

Ion Ratio Lower Upper

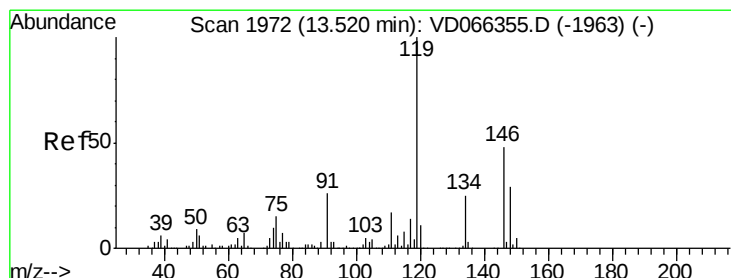
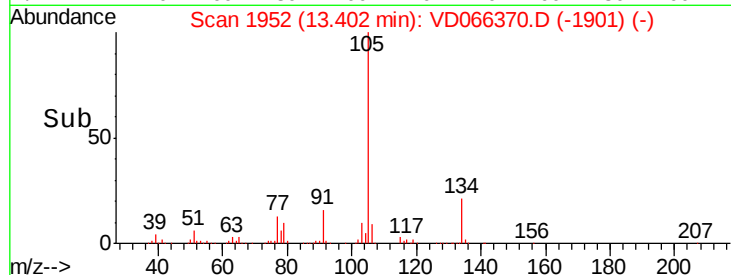
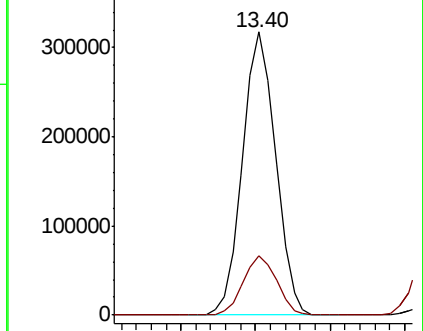
105 100

134 21.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.453 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

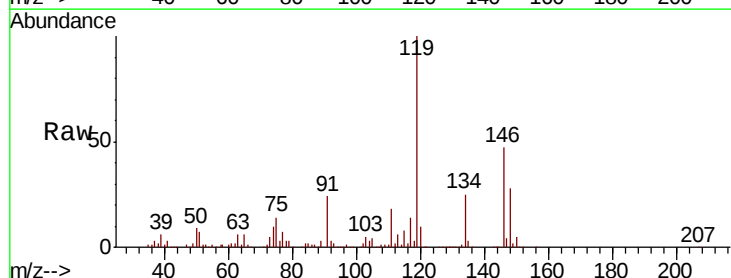
Tgt Ion:119 Resp: 477026

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

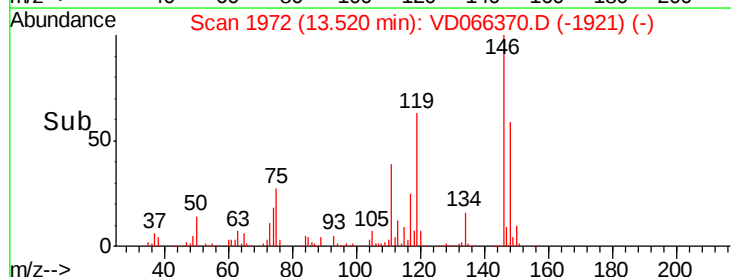
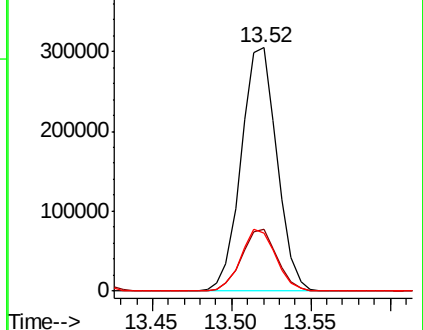
91 25.1 12.7 38.0

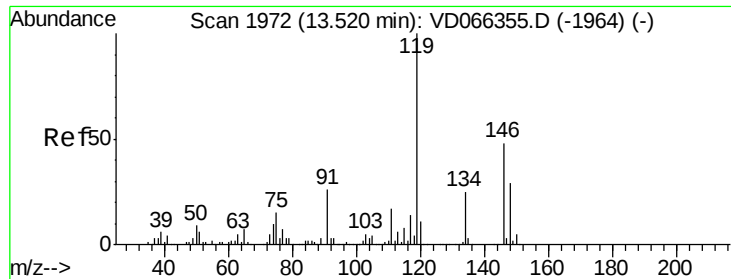


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

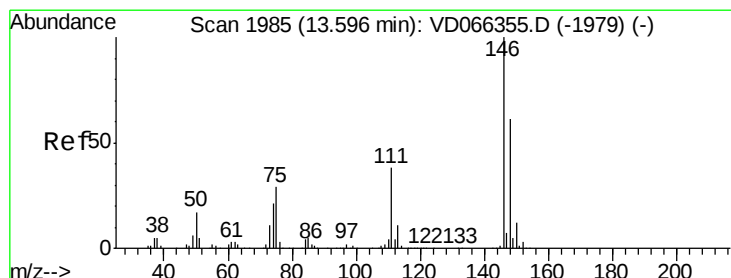
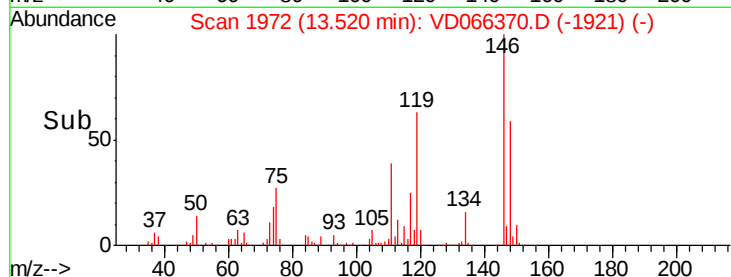
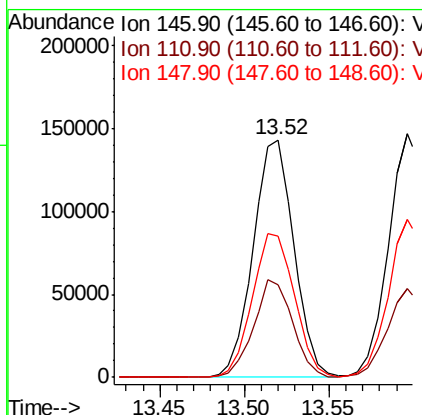
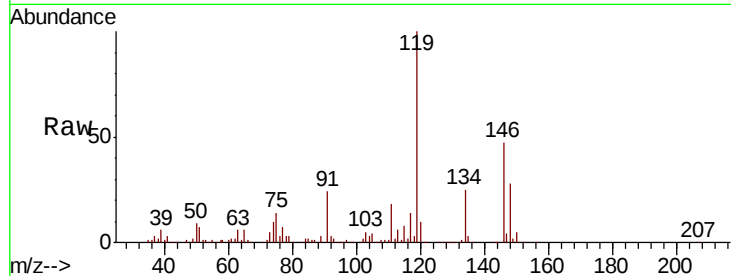




#87
 1,3-Dichlorobenzene
 Concen: 52.907 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

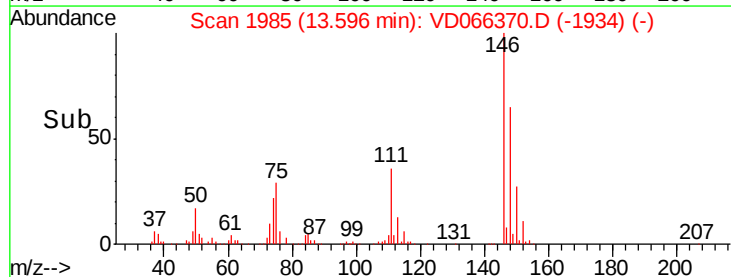
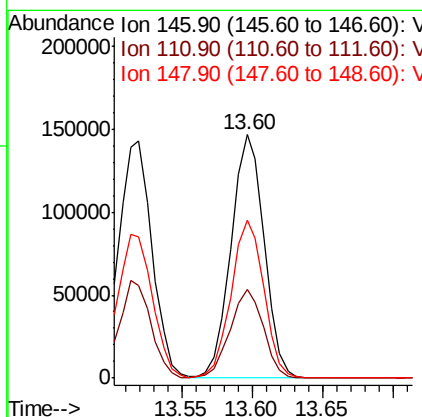
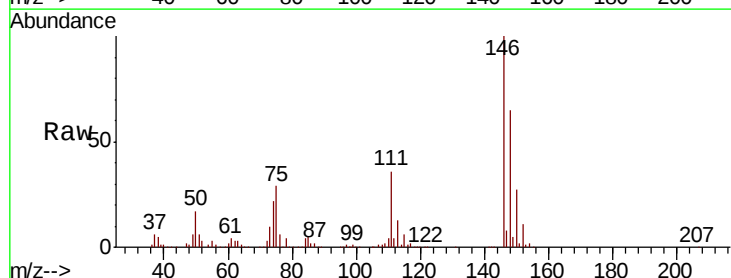
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

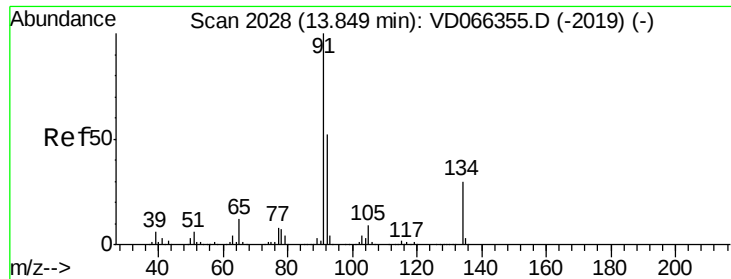
Tot Ion:146 Resp: 240609
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.9
 148 62.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.480 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion:146 Resp: 239637
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.5
 148 64.3 32.1 96.3

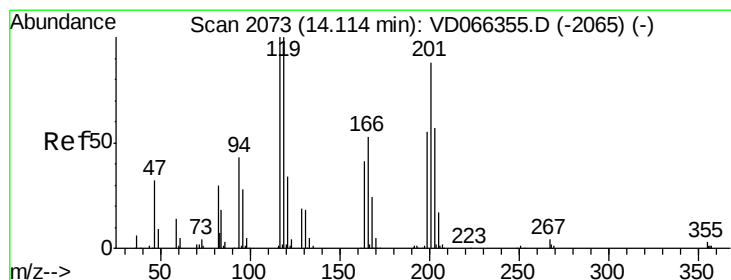
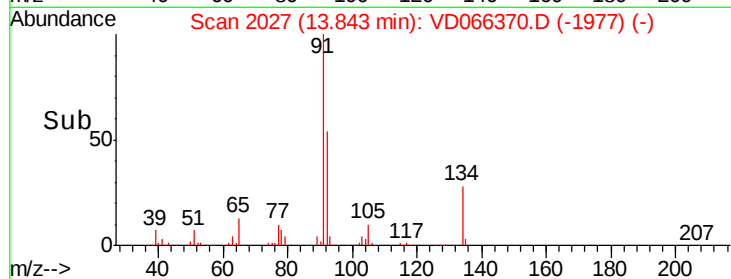
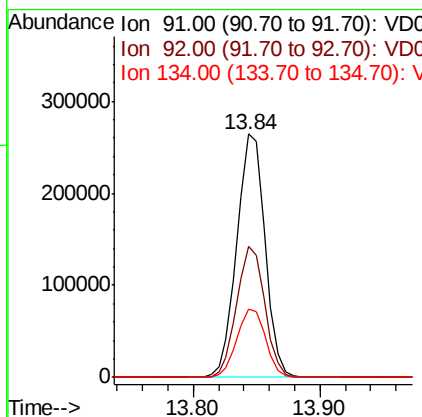
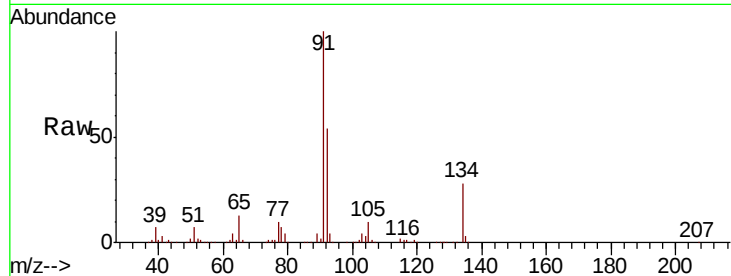




#89
n-Butylbenzene
Concen: 50.696 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

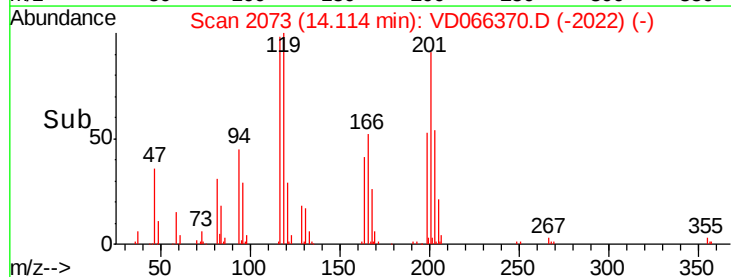
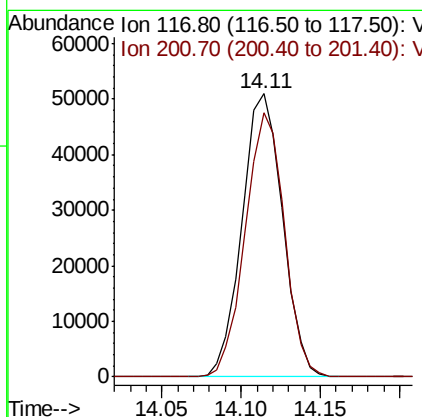
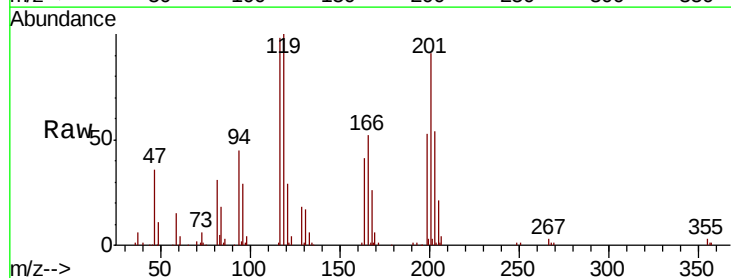
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

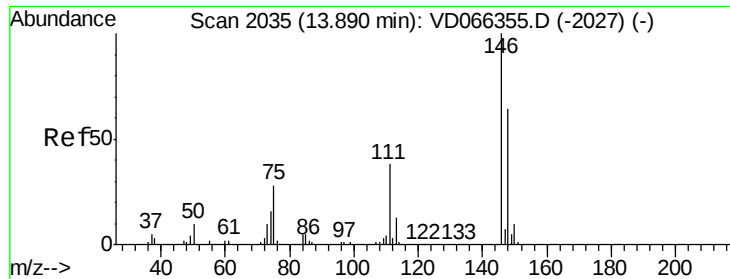
Tot Ion: 91 Resp: 406850
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 28.7 14.4 43.4



#90
Hexachloroethane
Concen: 50.532 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066370.D
Acq: 21 Aug 2020 20:09

Tgt Ion: 117 Resp: 90782
Ion Ratio Lower Upper
117 100
201 90.0 45.4 136.2

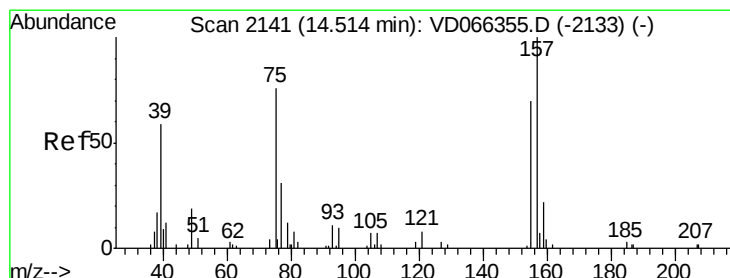
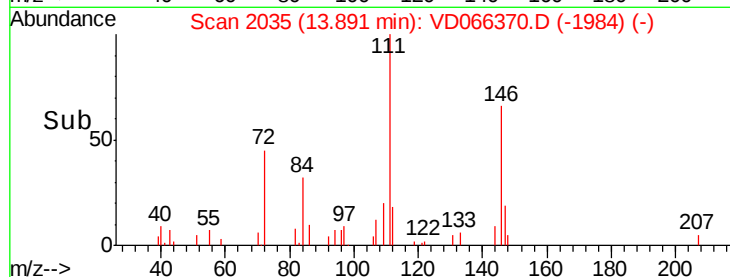
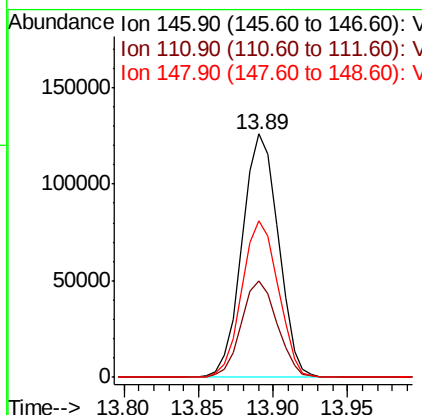
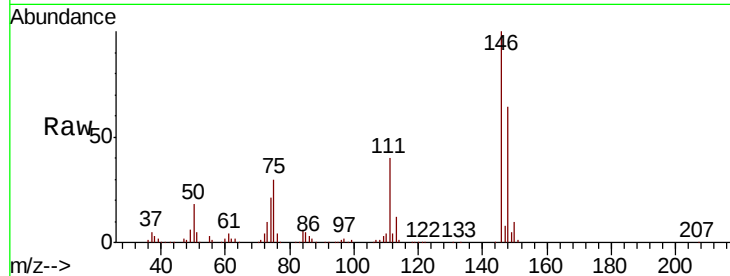




#91
 1,2-Dichlorobenzene
 Concen: 53.959 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

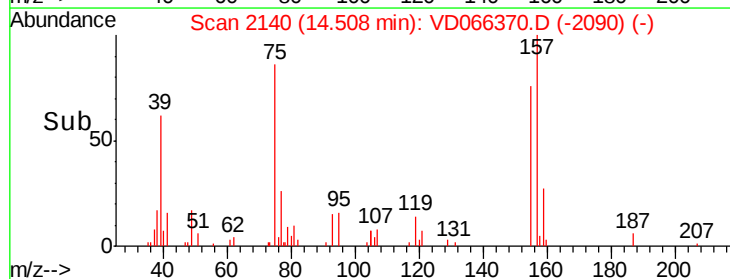
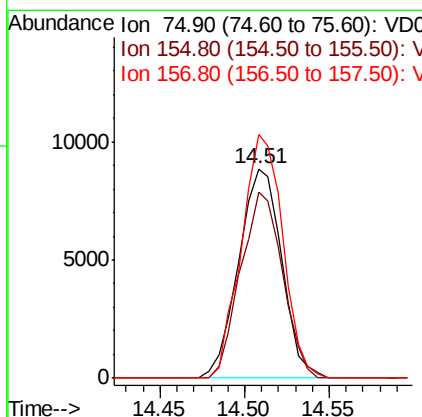
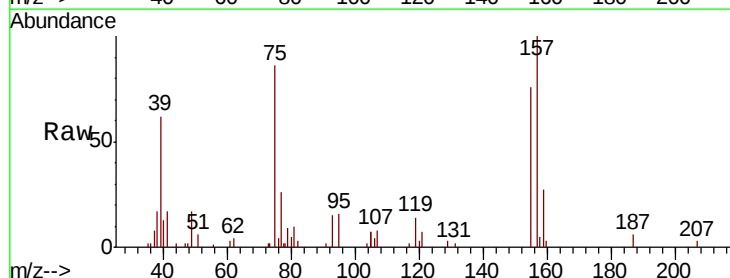
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

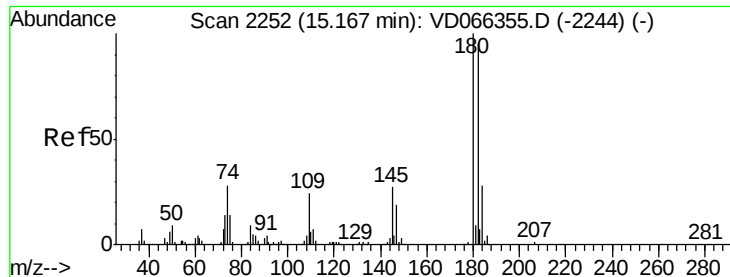
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	64.8	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.723 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	46.9	140.6
157	111.4	61.0	183.0

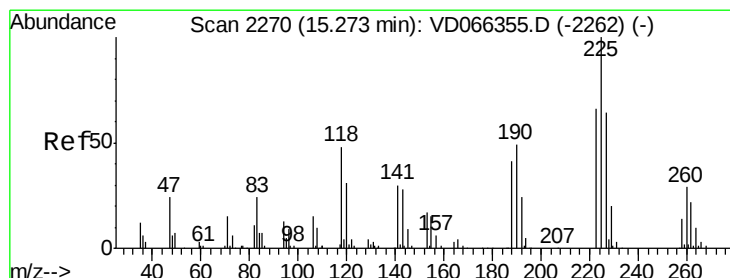
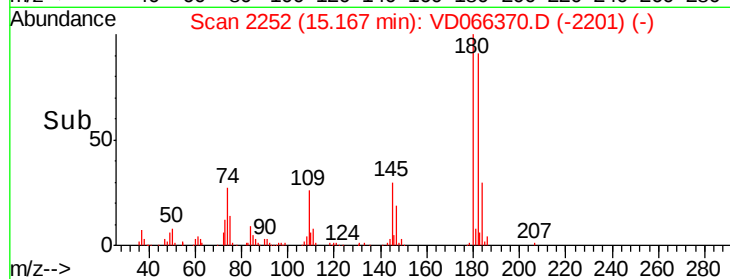
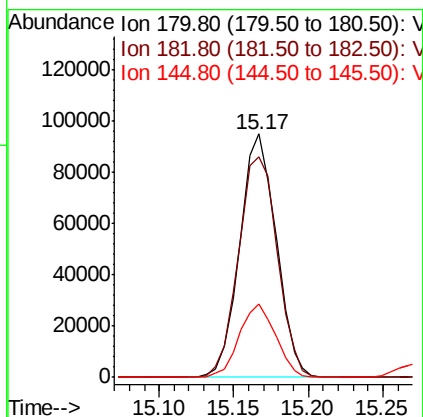
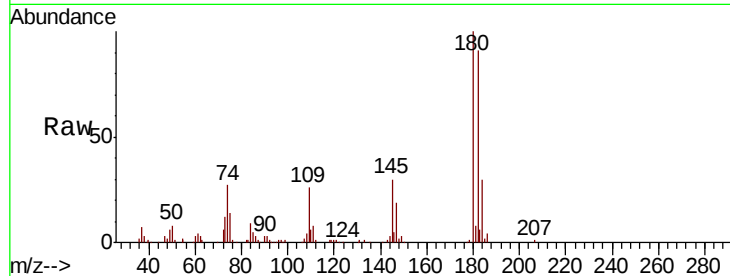




#93
 1,2,4-Trichlorobenzene
 Concen: 52.551 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

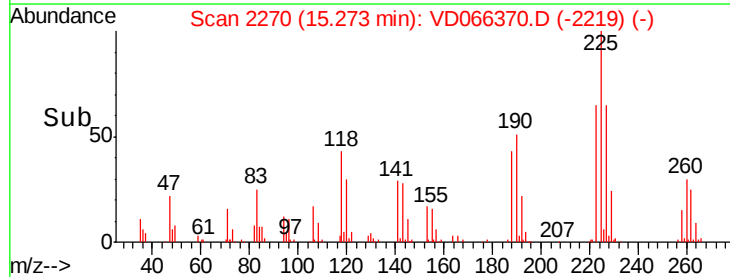
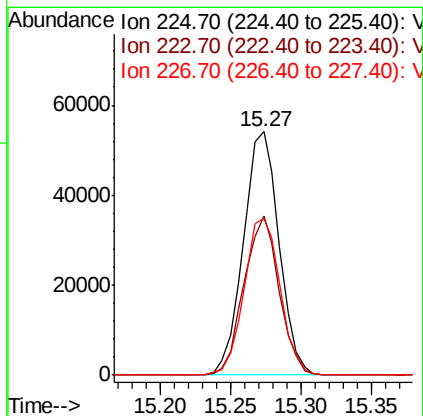
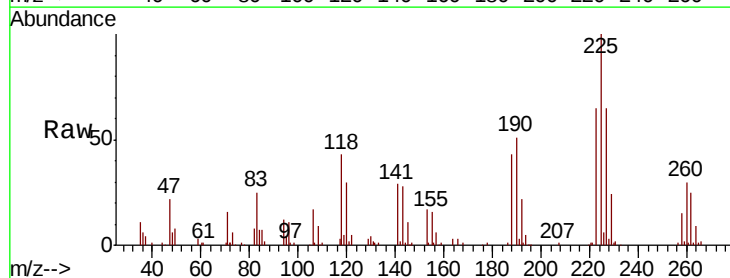
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

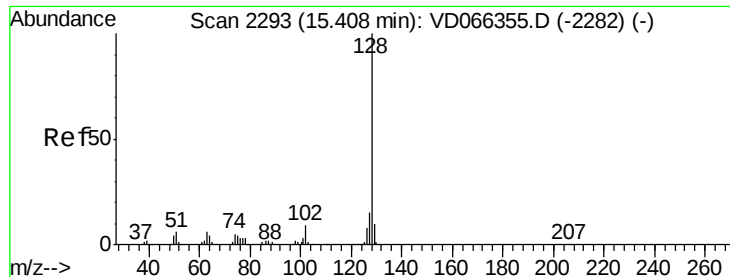
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.0	144.0
145	30.2	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 50.453 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066370.D
 Acq: 21 Aug 2020 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.5	97.4
227	65.1	33.0	98.9





#95

Naphthalene

Concen: 55.119 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

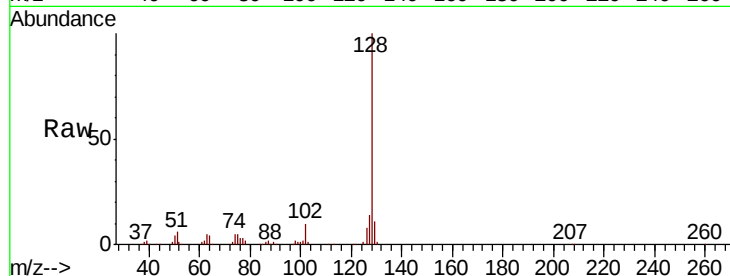
Tot Ion:128 Resp: 264598

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.0 8.6 12.8

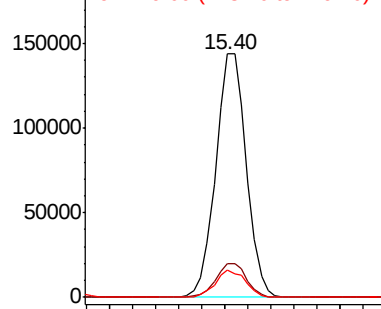


Abundance

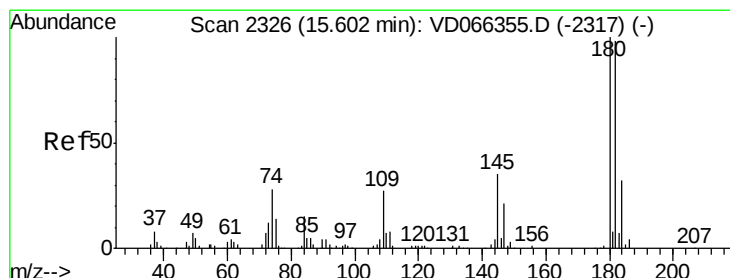
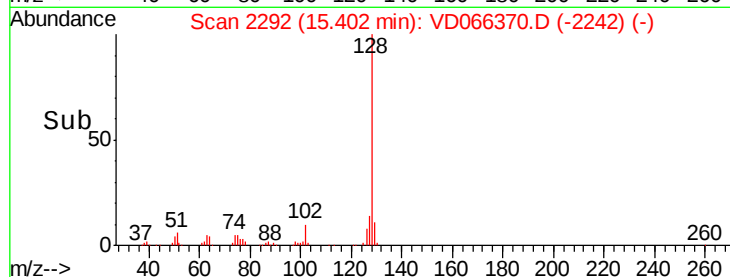
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 53.786 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066370.D

Acq: 21 Aug 2020 20:09

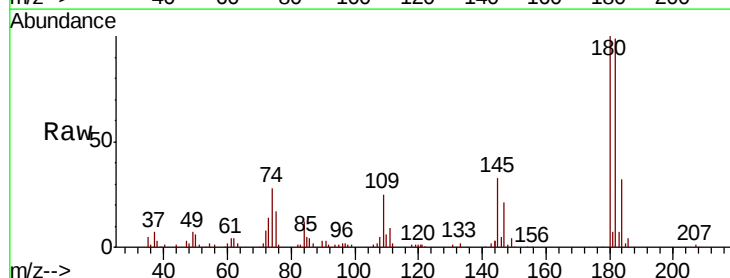
Tgt Ion:180 Resp: 140825

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.0

145 33.1 16.0 48.0

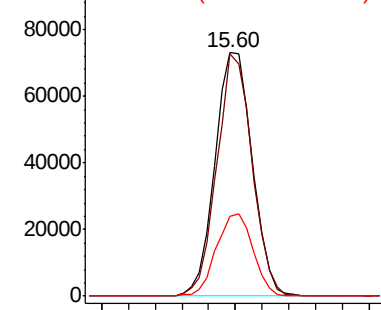


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

