

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066594.D
 Acq On : 09 Sep 2020 20:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 10 01:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	333815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	567352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	526882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218786	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	199806	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.34	98	722570	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.63	95	242172	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122508	43.967	ug/l	93
3) Chloromethane	2.20	50	180945	42.862	ug/l	98
4) Vinyl Chloride	2.35	62	201706	43.079	ug/l	96
5) Bromomethane	2.77	94	177526	60.971	ug/l	90
6) Chloroethane	2.92	64	138772	46.662	ug/l	98
7) Trichlorofluoromethane	3.27	101	301376	43.571	ug/l	100
8) Diethyl Ether	3.71	74	79704	45.760	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162222	43.334	ug/l	97
10) Methyl Iodide	4.30	142	92308	28.881	ug/l	100
11) Tert butyl alcohol	5.21	59	54671	208.958	ug/l	97
12) 1,1-Dichloroethene	4.07	96	145968	43.401	ug/l	95
13) Acrolein	3.91	56	47883	289.951	ug/l	91
14) Allyl chloride	4.71	41	256477	46.531	ug/l	99
15) Acrylonitrile	5.42	53	186681	249.499	ug/l	99
16) Acetone	4.16	43	155200	208.845	ug/l	95
17) Carbon Disulfide	4.41	76	469853	42.496	ug/l	98
18) Methyl Acetate	4.71	43	91243	51.506	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	394438	50.012	ug/l	99
20) Methylene Chloride	4.96	84	192371	47.119	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	185433	46.430	ug/l	98
22) Diisopropyl ether	6.36	45	578265	51.017	ug/l	98
23) Vinyl Acetate	6.30	43	1645618	255.124	ug/l	98
24) 1,1-Dichloroethane	6.26	63	328984	46.154	ug/l	98
25) 2-Butanone	7.21	43	234540	235.109	ug/l	97
26) 2,2-Dichloropropane	7.21	77	278154	42.542	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	205559	47.862	ug/l	97
28) Bromochloromethane	7.54	49	151507	55.210	ug/l	98
29) Tetrahydrofuran	7.56	42	152340	245.202	ug/l	100
30) Chloroform	7.71	83	362718	48.100	ug/l	98
31) Cyclohexane	7.98	56	279759	42.459	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	320850	45.255	ug/l	99
36) 1,1-Dichloropropene	8.11	75	267947	45.381	ug/l	98
37) Ethyl Acetate	7.29	43	114682	48.778	ug/l	97
38) Carbon Tetrachloride	8.09	117	285535	45.752	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	299048	45.357	ug/l	98
40) Benzene	8.34	78	746545	46.166	ug/l	99
41) Methacrylonitrile	7.56	41	158991	139.701	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	242835	46.347	ug/l	100
43) Isopropyl Acetate	8.44	43	217139	48.193	ug/l	99
44) Trichloroethene	9.11	130	191492	45.144	ug/l	94
45) 1,2-Dichloropropane	9.38	63	189680	46.643	ug/l	96
46) Dibromomethane	9.47	93	107211	47.785	ug/l	97
47) Bromodichloromethane	9.66	83	289331	47.664	ug/l	96
48) Methyl methacrylate	9.46	41	105444	46.282	ug/l	91
49) 1,4-Dioxane	9.46	88	24561	997.832	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	569351	250.559	ug/l	99
52) Toluene	10.40	92	481104	47.000	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	255724	47.722	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	304180	47.269	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	137993	47.835	ug/l	99
56) Ethyl methacrylate	10.66	69	168683	50.221	ug/l	95
57) 1,3-Dichloropropane	10.94	76	243039	48.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	401930	261.620	ug/l	98
59) 2-Hexanone	10.98	43	384137	251.383	ug/l	99
60) Dibromochloromethane	11.14	129	185043	48.508	ug/l	99
61) 1,2-Dibromoethane	11.24	107	130578	46.526	ug/l	97
64) Tetrachloroethene	10.87	164	156821	44.206	ug/l	90
65) Chlorobenzene	11.67	112	503255	46.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	193455	46.613	ug/l	100
67) Ethyl Benzene	11.74	91	925591	46.355	ug/l	99
68) m/p-Xylenes	11.85	106	685807	92.501	ug/l	96
69) o-Xylene	12.18	106	313040	47.113	ug/l	96
70) Styrene	12.20	104	549659	47.584	ug/l	96
71) Bromoform	12.36	173	98273	46.985	ug/l #	99
73) Isopropylbenzene	12.48	105	858793	46.849	ug/l	99
74) N-amyl acetate	12.29	43	196861	47.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	150882	46.590	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	203351	85.402	ug/l #	100
77) Bromobenzene	12.76	156	192148	47.017	ug/l	100
78) n-propylbenzene	12.82	91	1040343	46.816	ug/l	99
79) 2-Chlorotoluene	12.91	91	596659	47.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	739581	47.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	45455	44.568	ug/l	98
82) 4-Chlorotoluene	13.01	91	625331	46.908	ug/l	100
83) tert-Butylbenzene	13.23	119	603900	47.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	732684	47.698	ug/l	98
85) sec-Butylbenzene	13.40	105	859228	47.335	ug/l	98
86) p-Isopropyltoluene	13.52	119	773697	47.355	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	372121	45.865	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	363619	44.653	ug/l	98
89) n-Butylbenzene	13.84	91	745683	46.836	ug/l	99
90) Hexachloroethane	14.11	117	163057	46.319	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	318580	44.924	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25391	46.155	ug/l	98

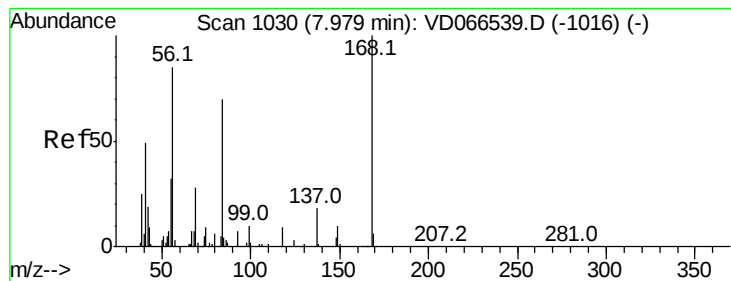
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090920\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199955	46.982	ug/l	99
94) Hexachlorobutadiene	15.27	225	115381	45.126	ug/l	97
95) Naphthalene	15.41	128	384214	51.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	178273	49.131	ug/l	100

(#) = 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. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

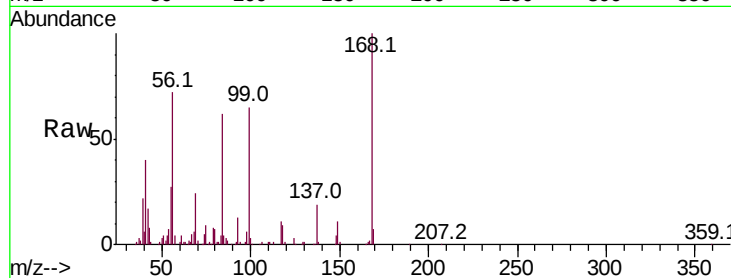
VSTDCCC050EC

Tot Ion:168 Resp: 333815

Ion Ratio Lower Upper

168 100

99 65.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

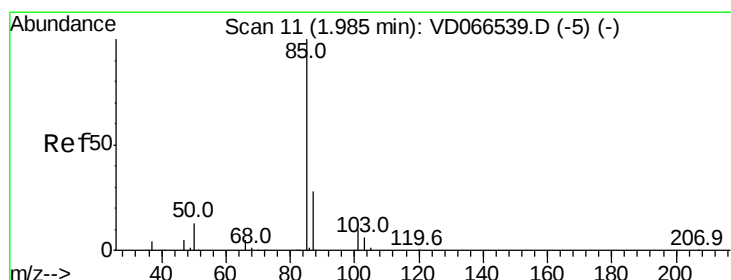
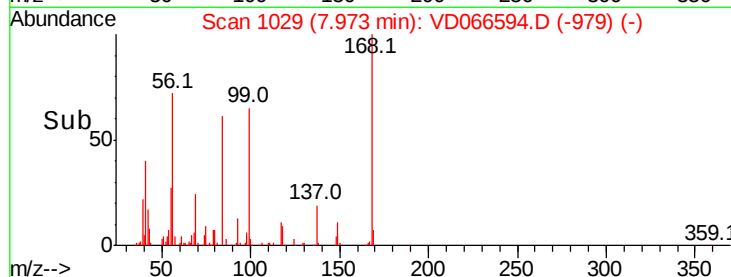
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.967 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066594.D

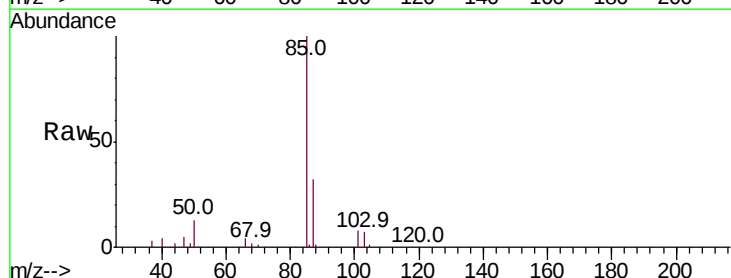
Acq: 09 Sep 2020 20:16

Tgt Ion: 85 Resp: 122508

Ion Ratio Lower Upper

85 100

87 32.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

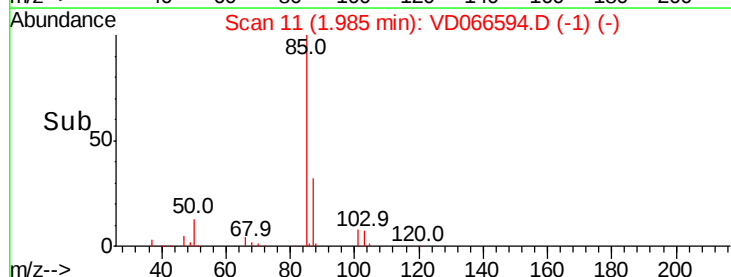
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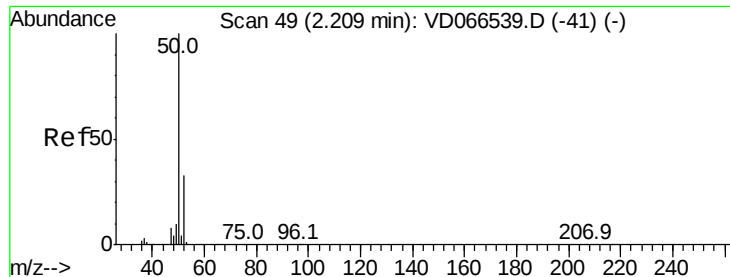
40000

20000

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Time-->





#3

Chloromethane

Concen: 42.862 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

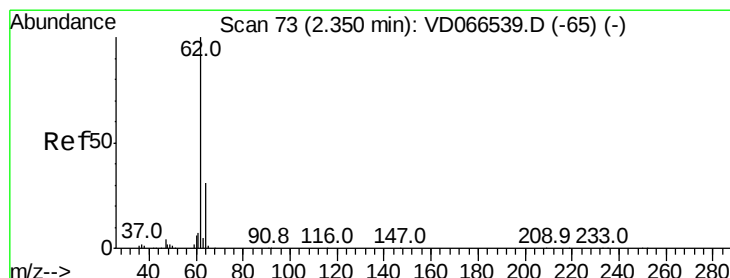
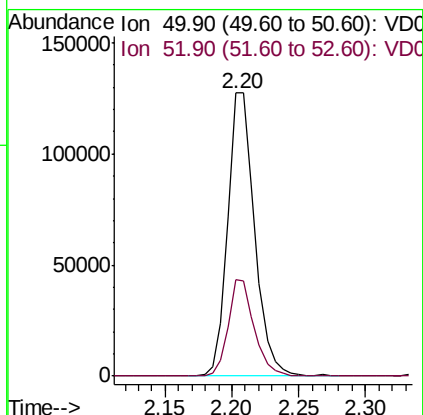
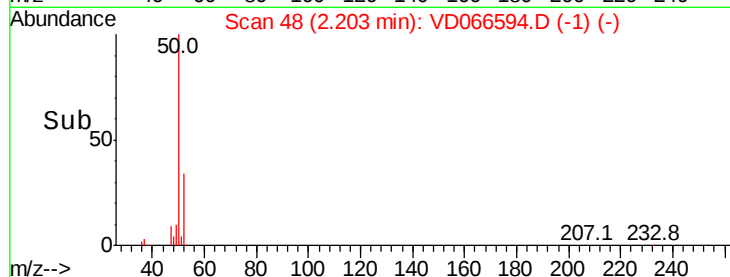
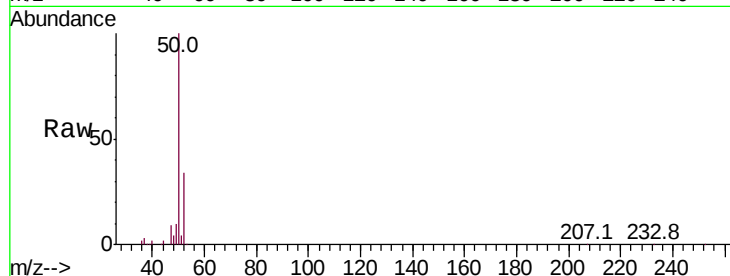
VSTDCCC050EC

Tot Ion: 50 Resp: 180945

Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.2



#4

Vinyl Chloride

Concen: 43.079 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066594.D

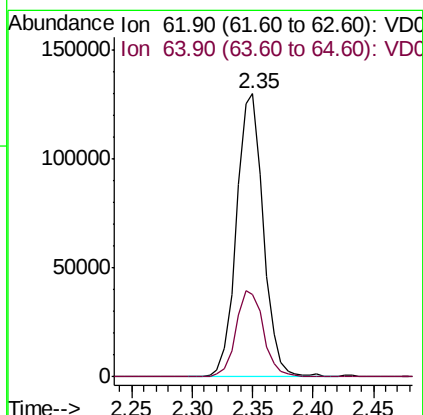
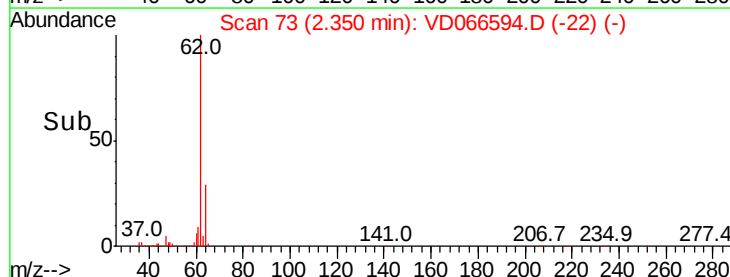
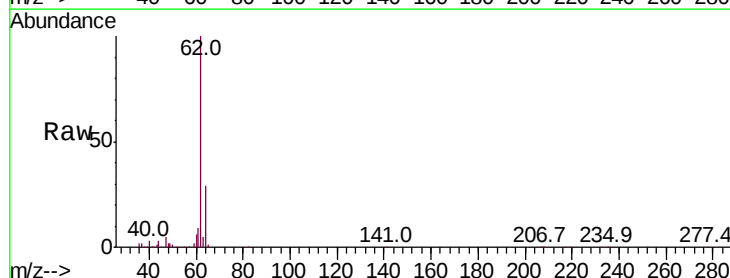
Acq: 09 Sep 2020 20:16

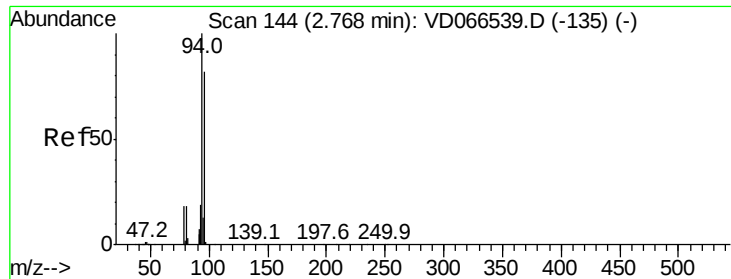
Tgt Ion: 62 Resp: 201706

Ion Ratio Lower Upper

62 100

64 29.3 25.3 37.9





#5

Bromomethane

Concen: 60.971 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

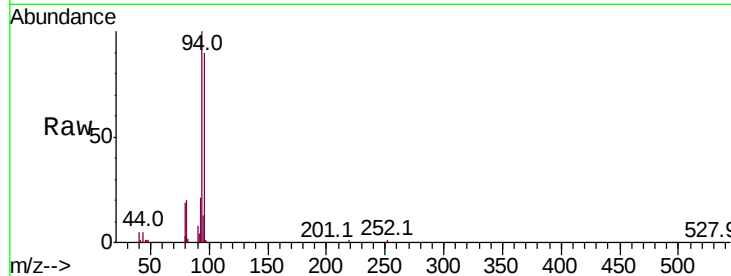
VSTDCCC050EC

Tot Ion: 94 Resp: 177526

Ion Ratio Lower Upper

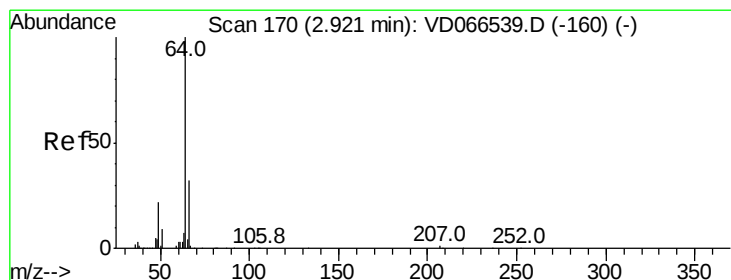
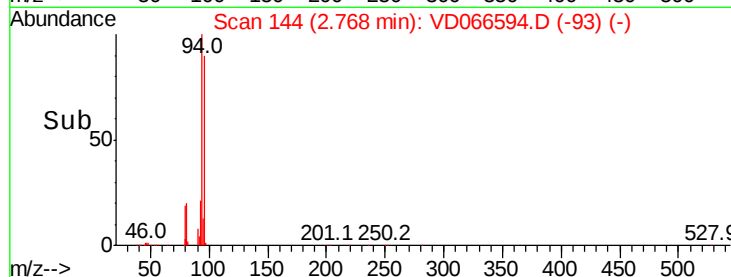
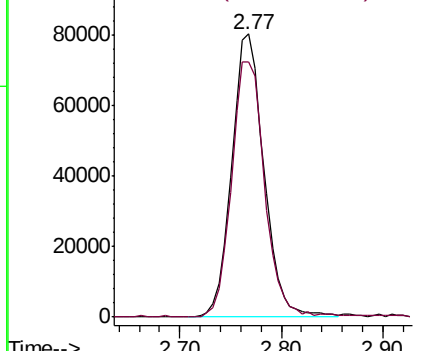
94 100

96 90.3 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.662 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066594.D

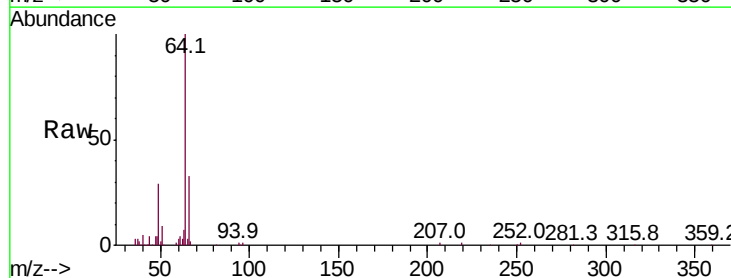
Acq: 09 Sep 2020 20:16

Tgt Ion: 64 Resp: 138772

Ion Ratio Lower Upper

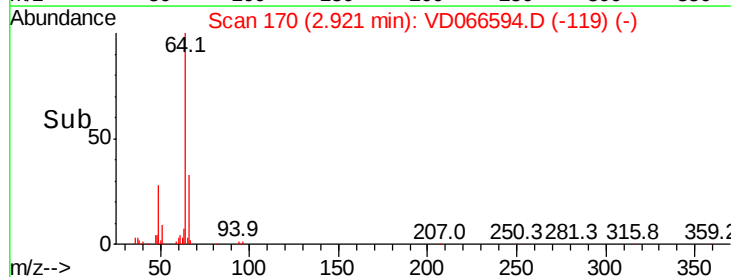
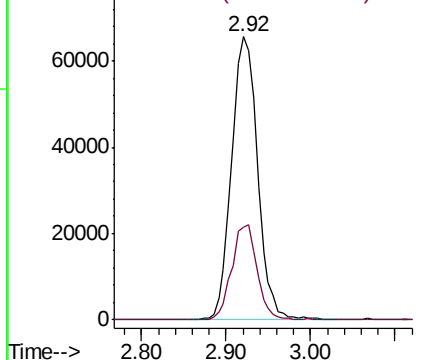
64 100

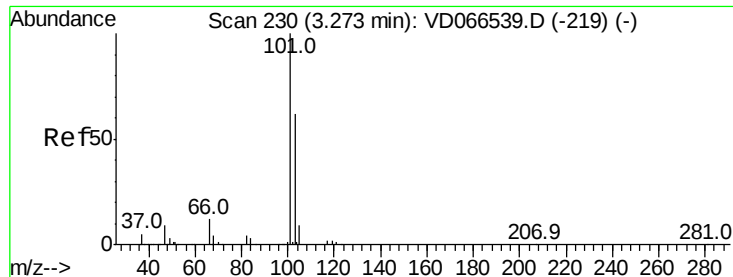
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 43.571 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

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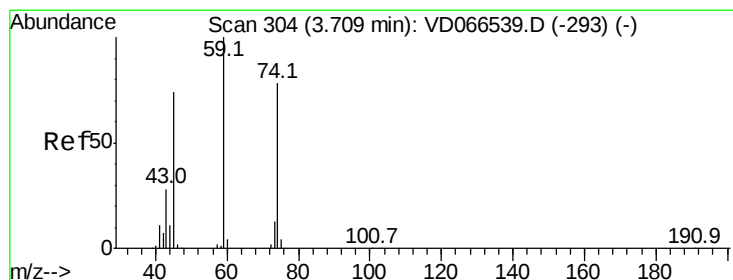
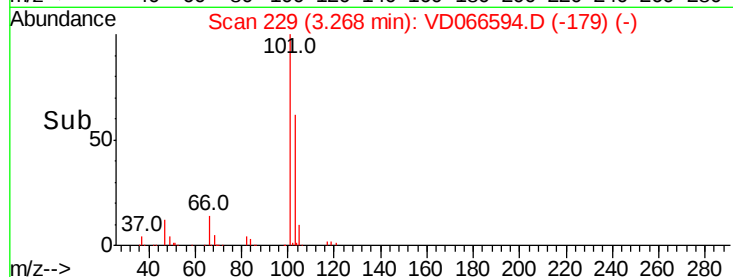
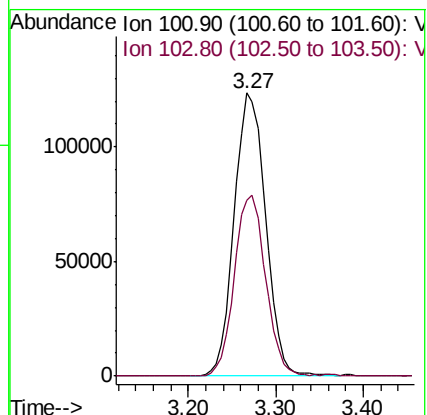
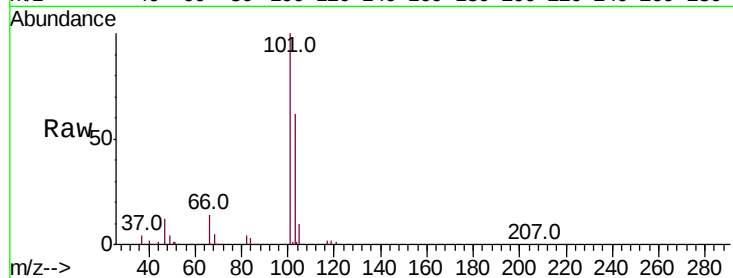
VSTDCCC050EC

Tot Ion:101 Resp: 301376

Ion Ratio Lower Upper

101 100

103 61.9 49.7 74.5



#8

Diethyl Ether

Concen: 45.760 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066594.D

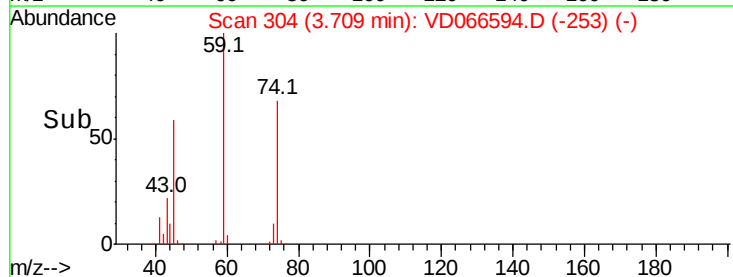
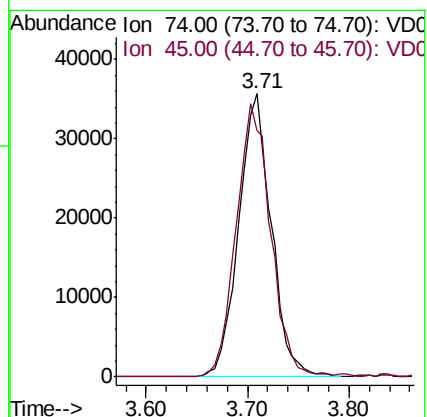
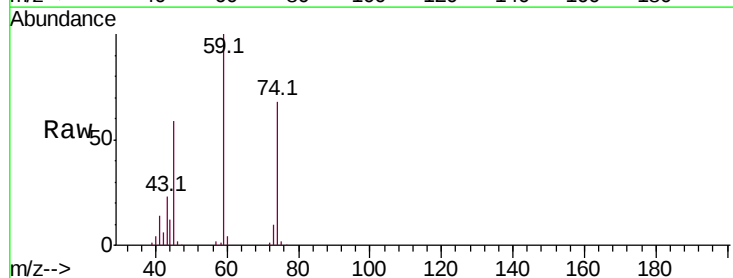
Acq: 09 Sep 2020 20:16

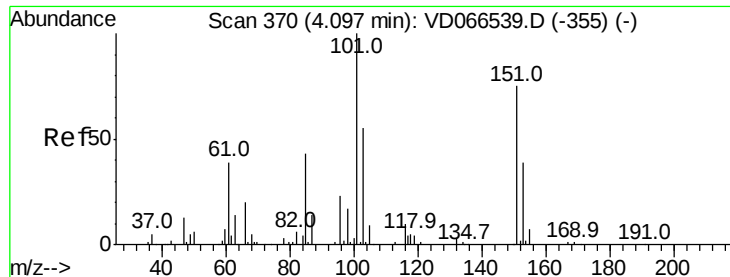
Tgt Ion: 74 Resp: 79704

Ion Ratio Lower Upper

74 100

45 102.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.334 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

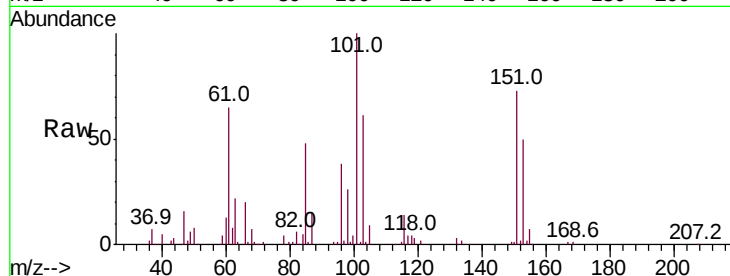
Tot Ion:101 Resp: 162222

Ion Ratio Lower Upper

101 100

85 47.0 37.0 55.6

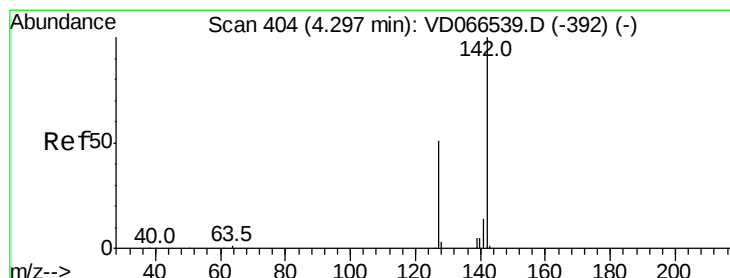
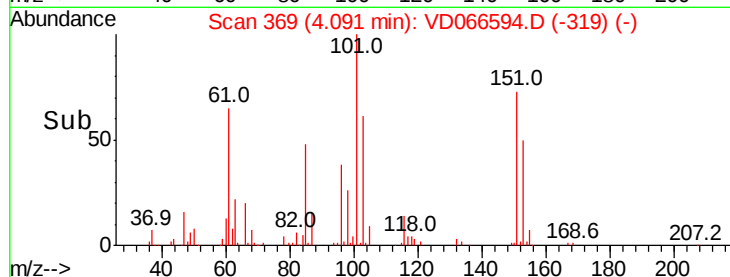
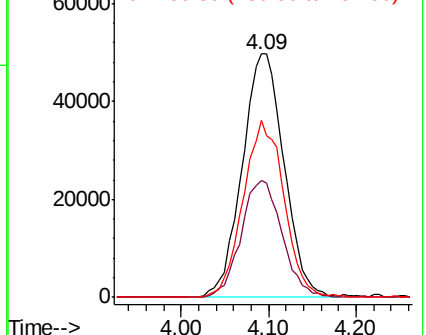
151 70.9 59.4 89.2



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: 28.881 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

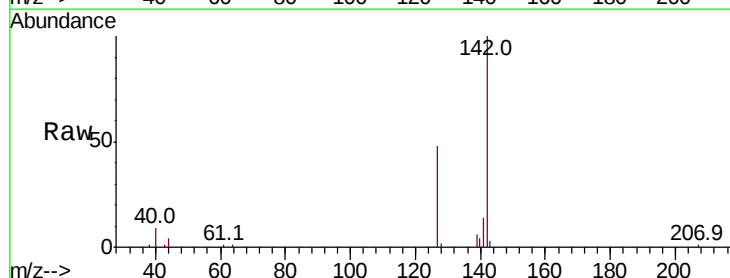
Tgt Ion:142 Resp: 92308

Ion Ratio Lower Upper

142 100

127 50.7 40.6 61.0

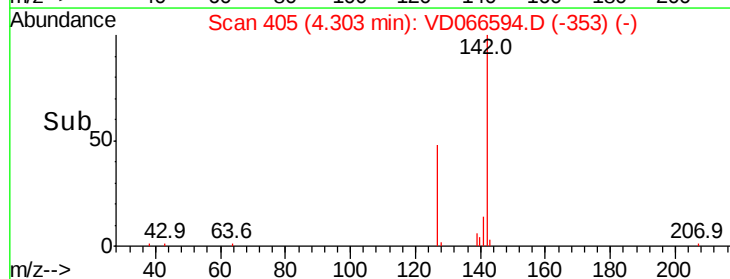
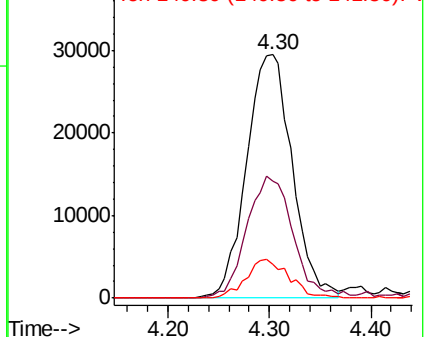
141 15.1 12.2 18.4

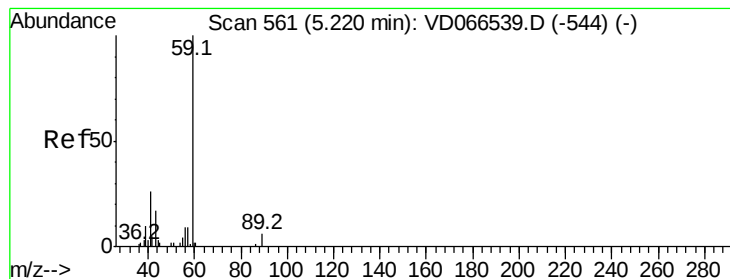


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 208.958 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

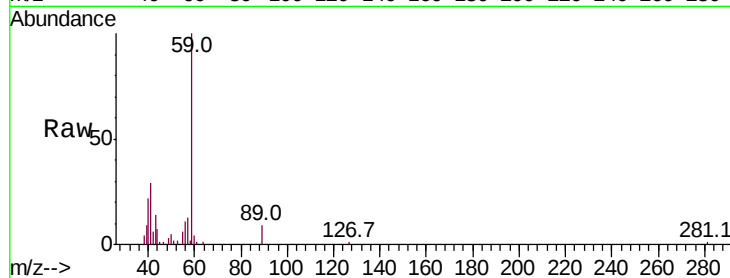
VSTDCCC050EC

Tot Ion: 59 Resp: 54671

Ion Ratio Lower Upper

59 100

57 10.5 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

15000

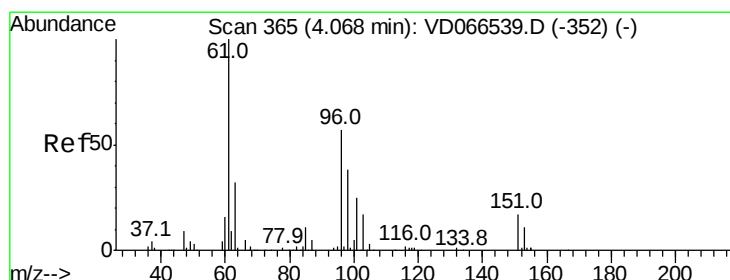
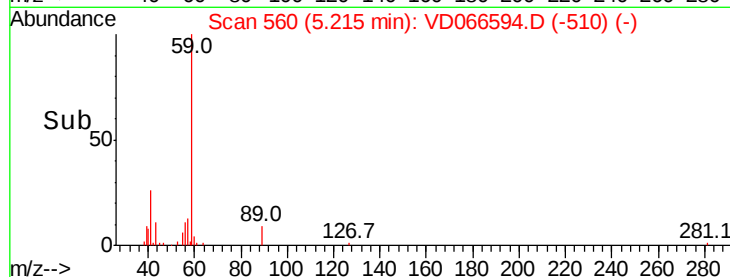
10000

5000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 43.401 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

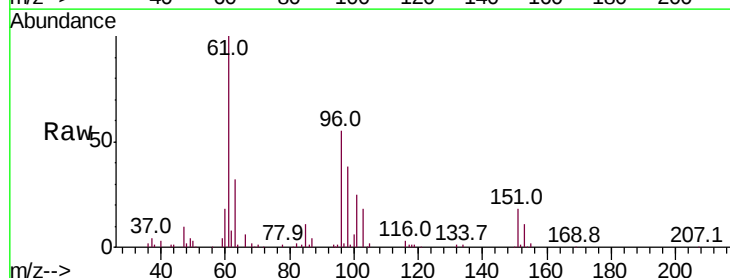
Tgt Ion: 96 Resp: 145968

Ion Ratio Lower Upper

96 100

61 183.2 140.9 211.3

98 69.3 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

120000

100000

80000

60000

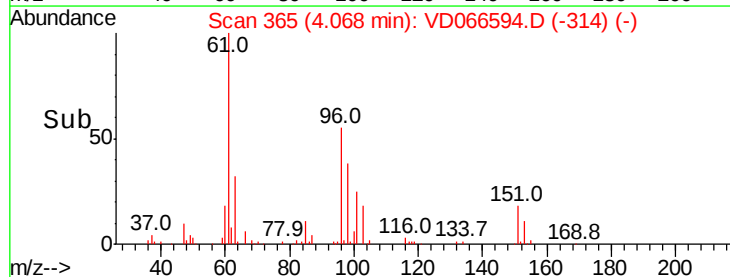
40000

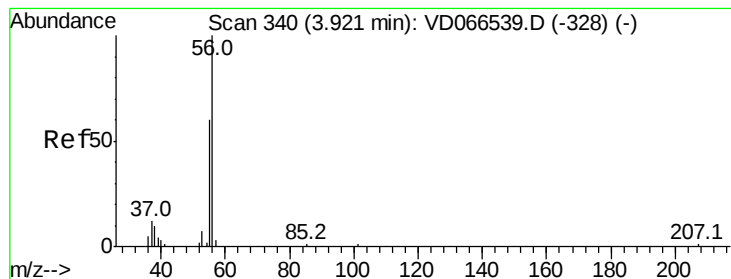
20000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 289.951 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

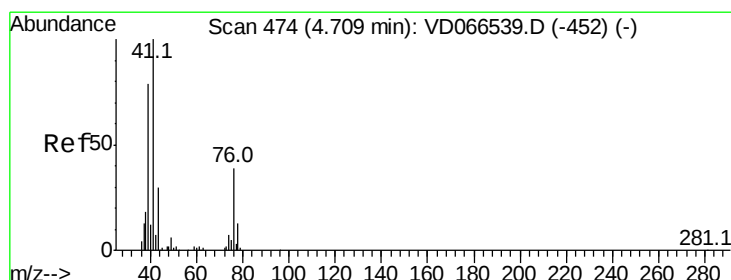
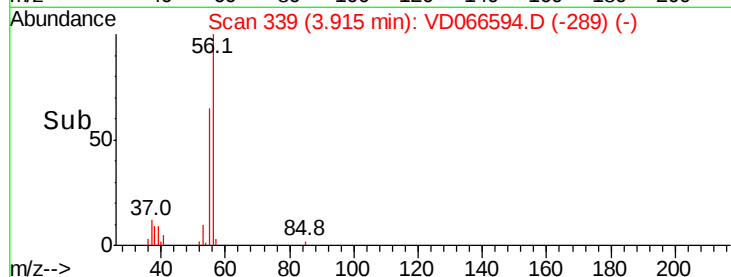
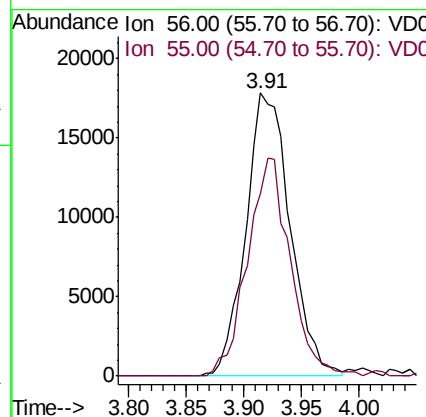
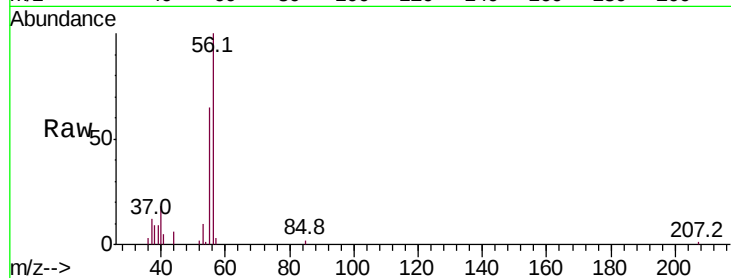
VSTDCCC050EC

Tot Ion: 56 Resp: 47883

Ion Ratio Lower Upper

56 100

55 73.9 53.6 80.4



#14

Allyl chloride

Concen: 46.531 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

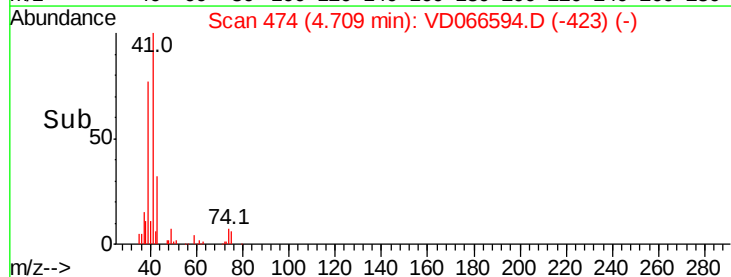
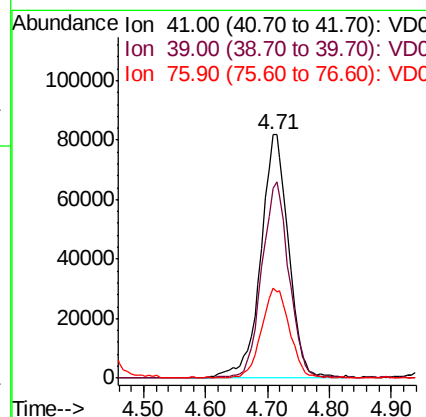
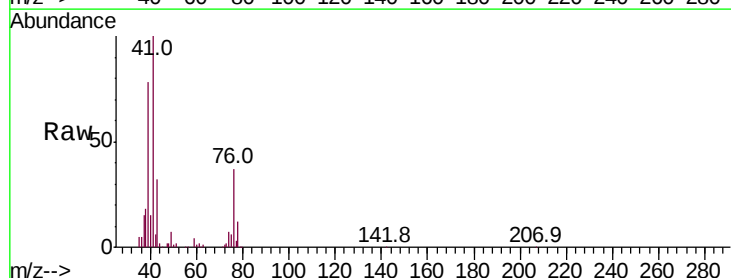
Tgt Ion: 41 Resp: 256477

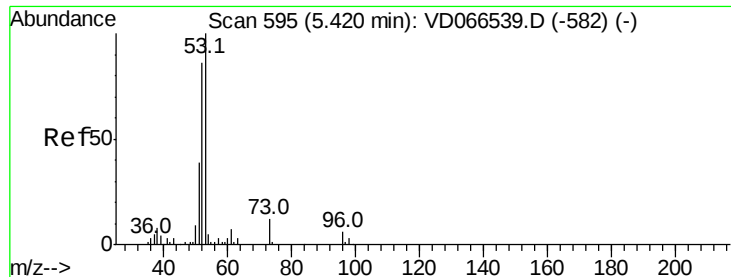
Ion Ratio Lower Upper

41 100

39 78.6 61.9 92.9

76 37.1 29.0 43.6





#15

Acrylonitrile

Concen: 249.499 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

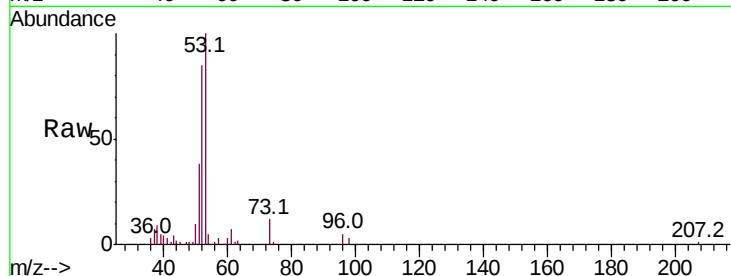
Tot Ion: 53 Resp: 186681

Ion Ratio Lower Upper

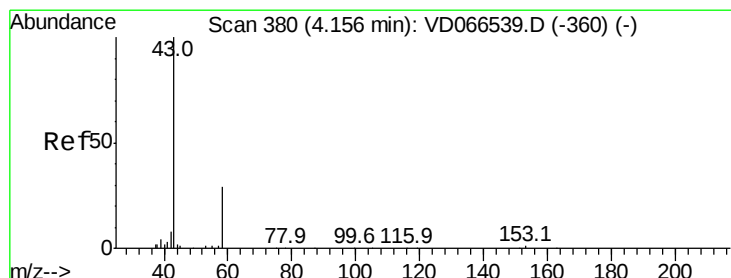
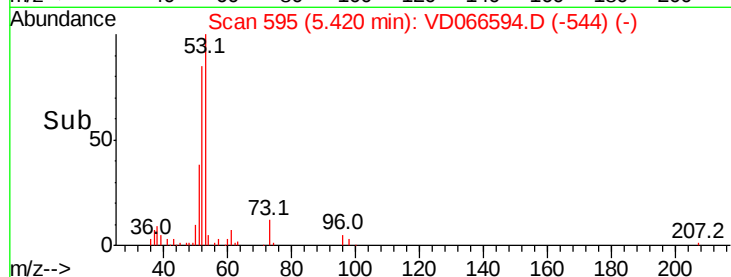
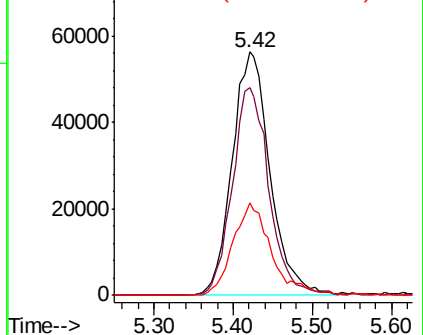
53 100

52 82.6 65.4 98.2

51 38.5 31.2 46.8



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: 208.845 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066594.D

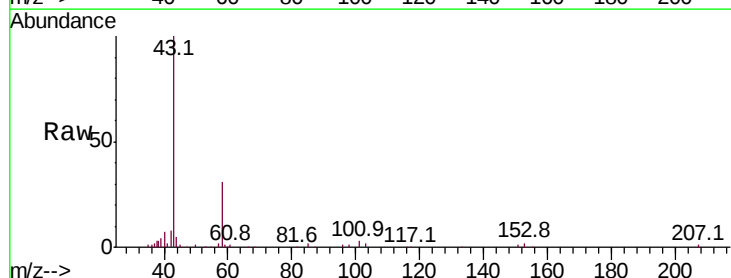
Acq: 09 Sep 2020 20:16

Tgt Ion: 43 Resp: 155200

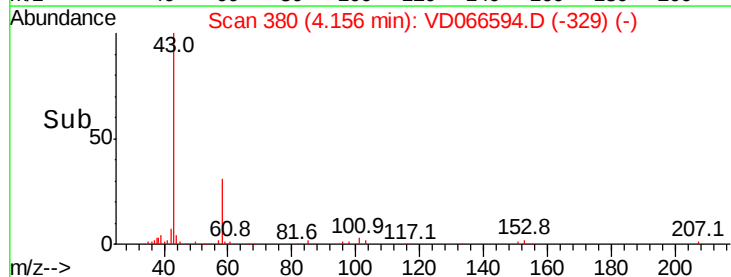
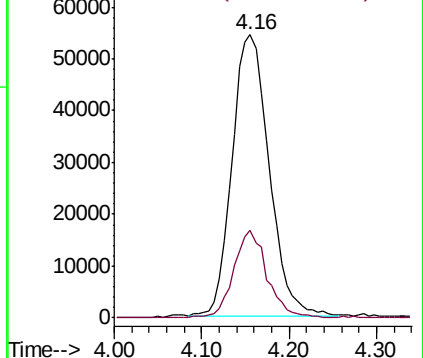
Ion Ratio Lower Upper

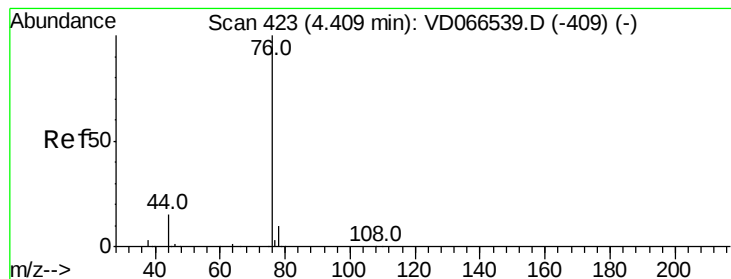
43 100

58 31.3 22.9 34.3



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





#17

Carbon Disulfide

Concen: 42.496 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

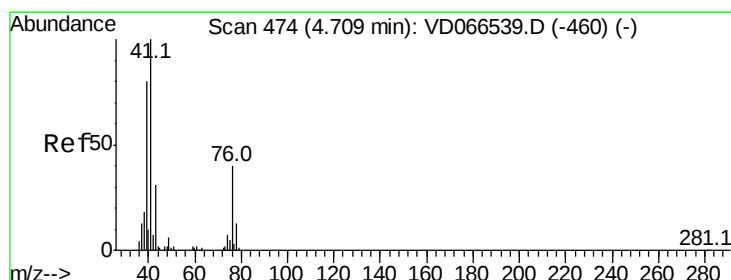
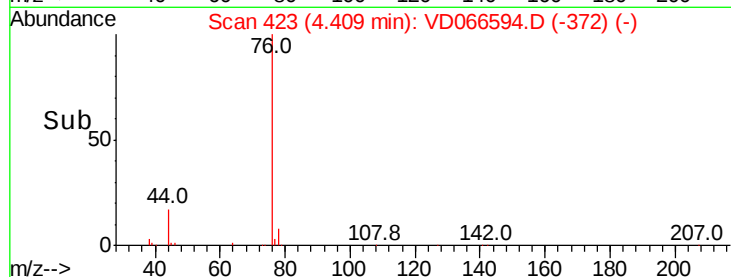
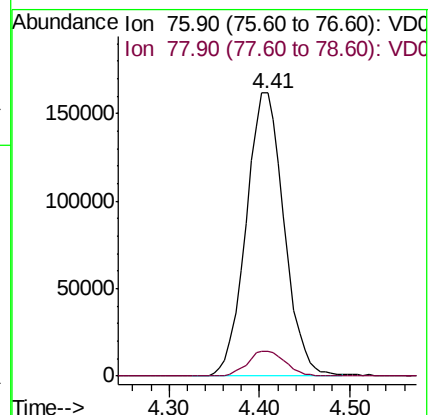
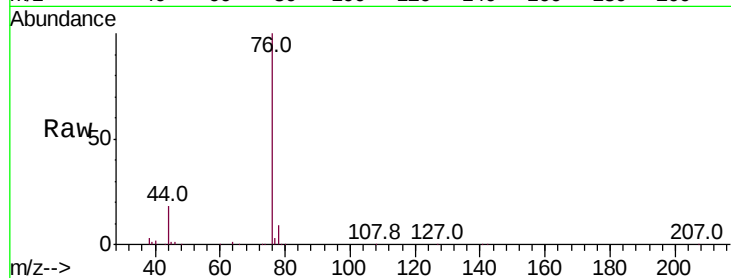
VSTDCCC050EC

Tot Ion: 76 Resp: 469853

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4



#18

Methyl Acetate

Concen: 51.506 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066594.D

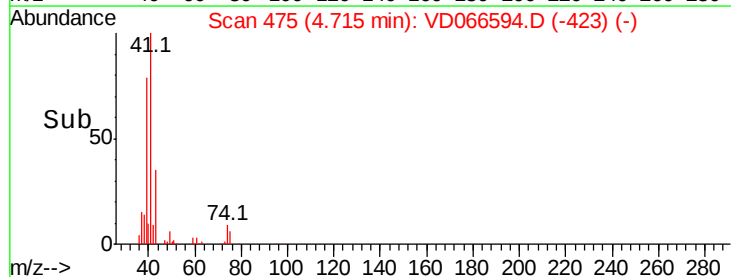
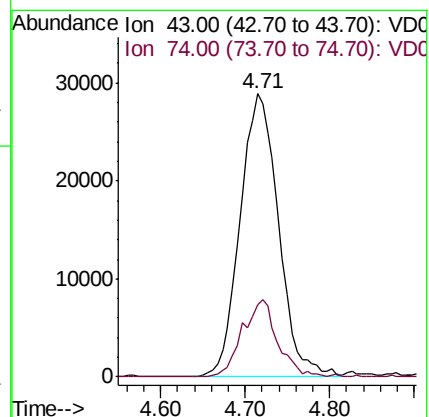
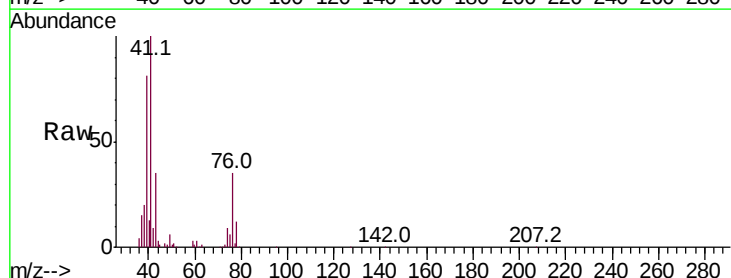
Acq: 09 Sep 2020 20:16

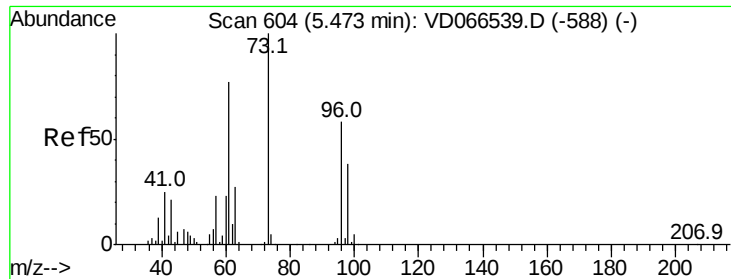
Tgt Ion: 43 Resp: 91243

Ion Ratio Lower Upper

43 100

74 24.8 18.0 27.0

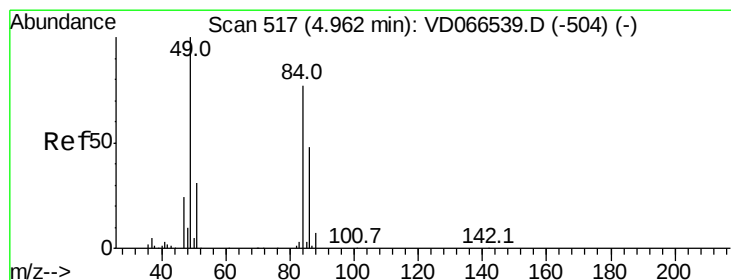
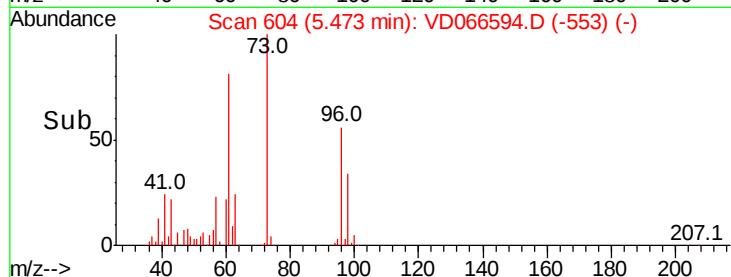
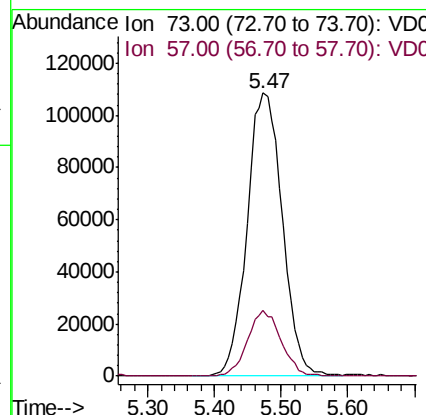
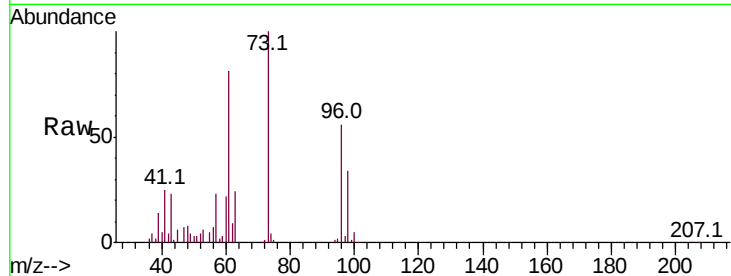




#19
Methyl tert-butyl Ether
Concen: 50.012 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

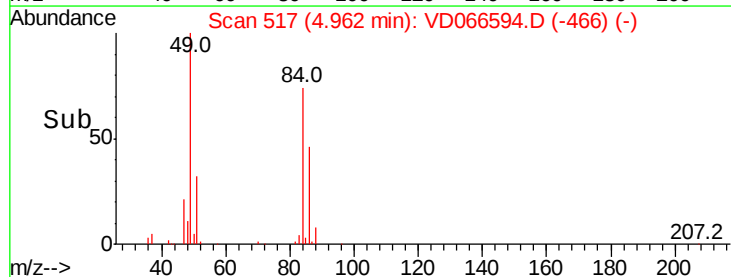
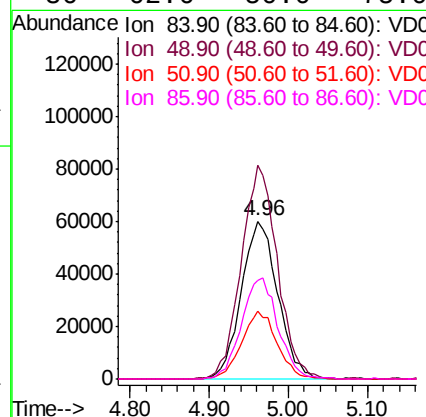
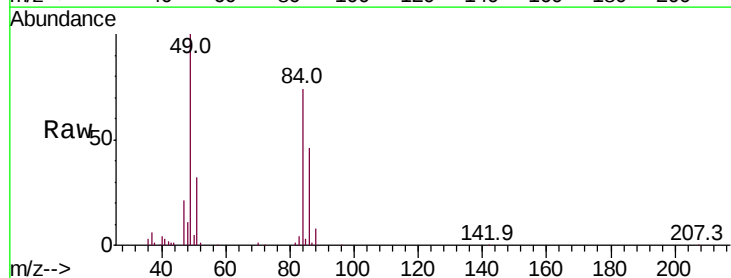
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

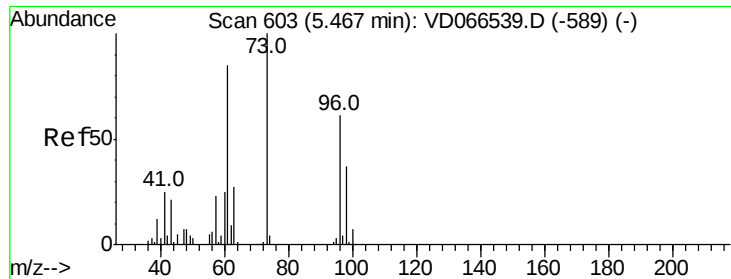
Tot Ion: 73 Resp: 394438
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 47.119 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 84 Resp: 192371
Ion Ratio Lower Upper
84 100
49 135.1 104.3 156.5
51 42.6 32.2 48.4
86 62.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 46.430 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

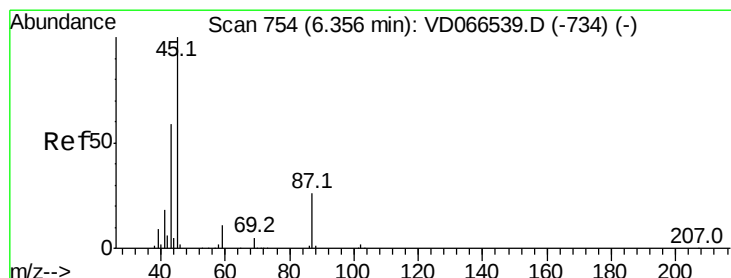
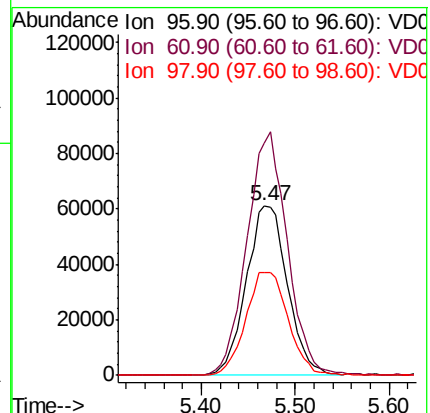
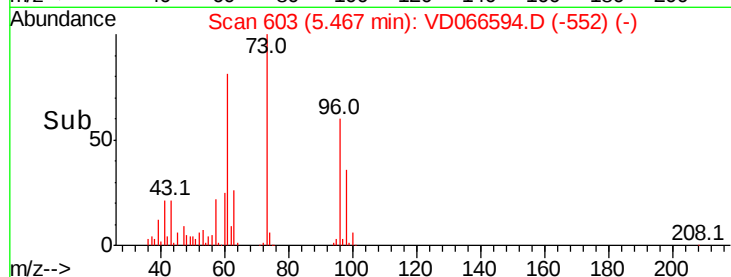
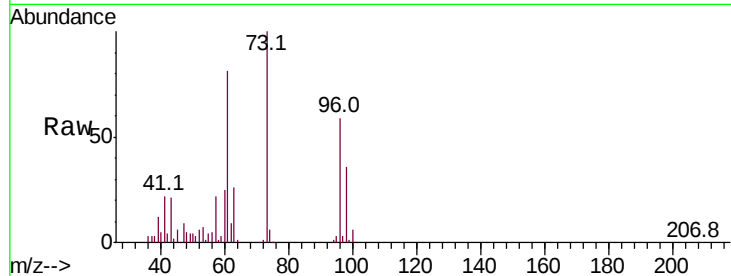
Tot Ion: 96 Resp: 185433

Ion Ratio Lower Upper

96 100

61 137.0 112.1 168.1

98 60.8 48.6 72.8



#22

Diisopropyl ether

Concen: 51.017 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion: 45 Resp: 578265

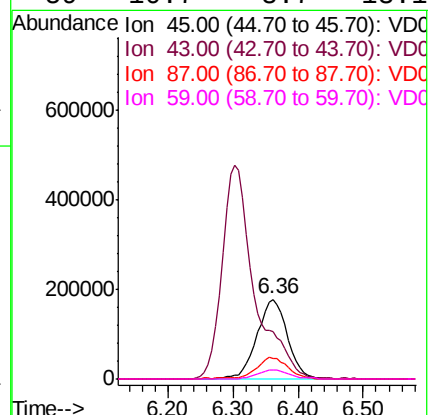
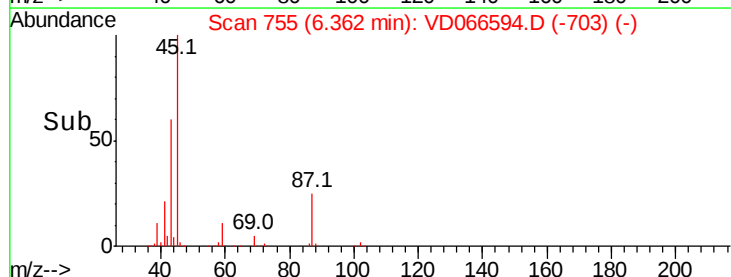
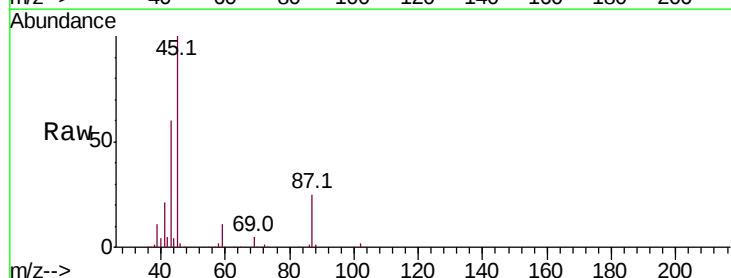
Ion Ratio Lower Upper

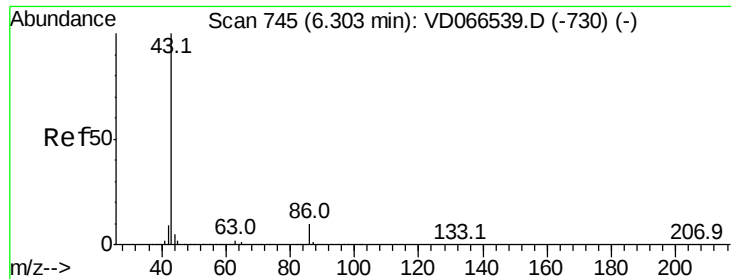
45 100

43 59.6 47.0 70.4

87 24.9 21.3 31.9

59 10.7 8.7 13.1

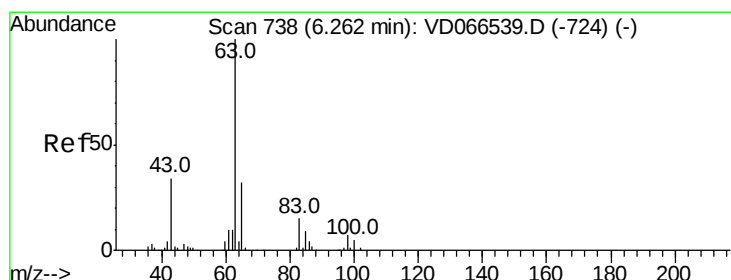
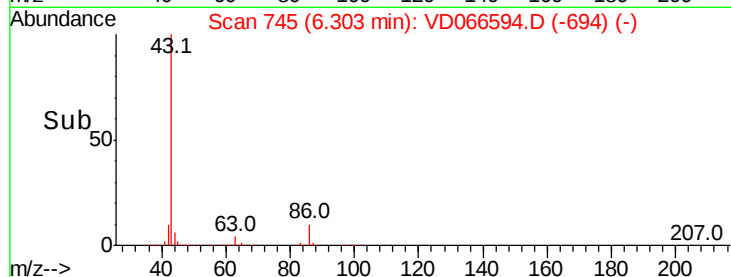
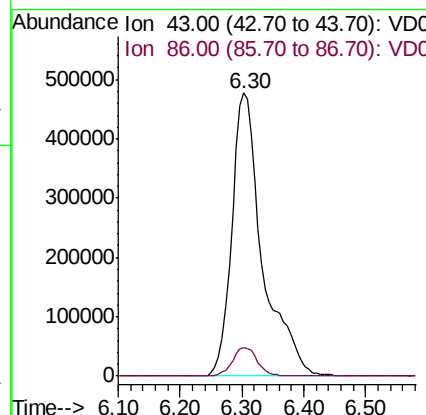
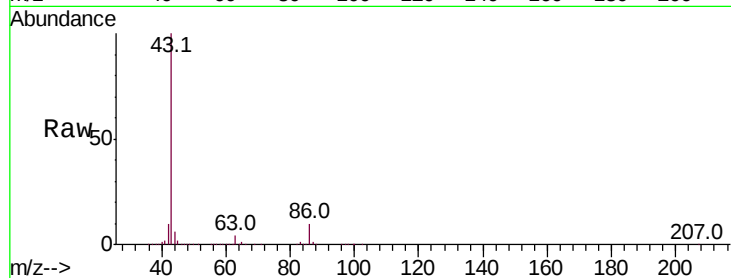




#23
 Vinyl Acetate
 Concen: 255.124 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

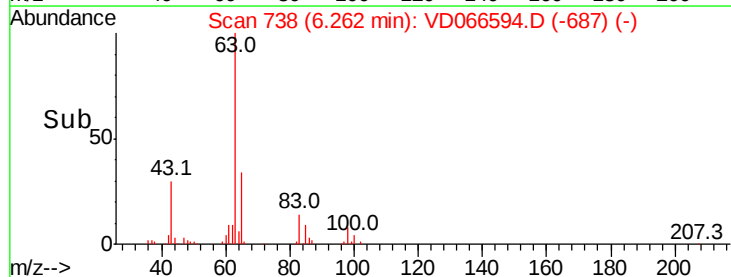
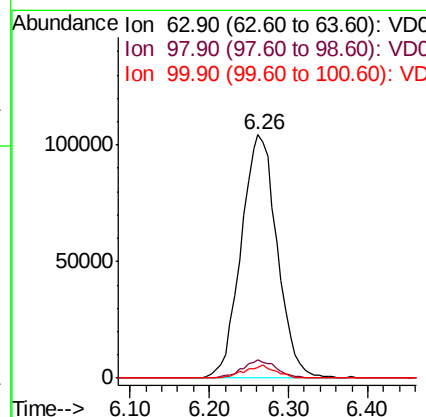
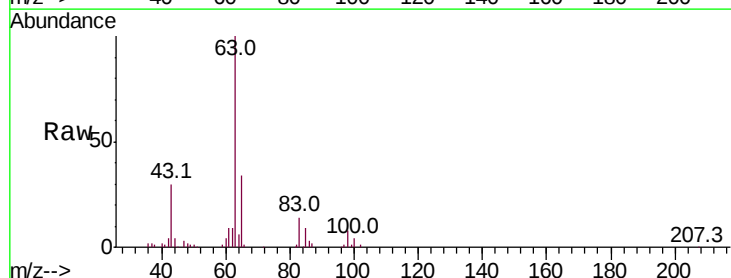
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

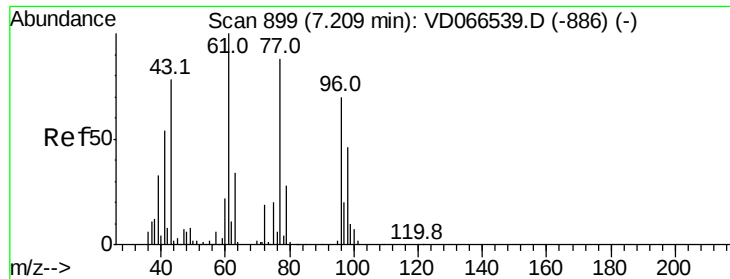
Tot Ion: 43 Resp: 1645618
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 46.154 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 63 Resp: 328984
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.1
 100 4.3 2.5 7.4





#25

2-Butanone

Concen: 235.109 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

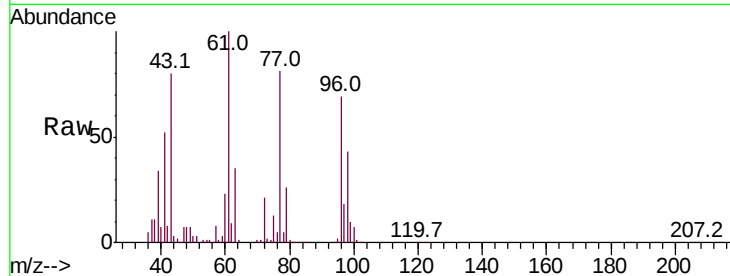
VSTDCCC050EC

Tot Ion: 43 Resp: 234540

Ion Ratio Lower Upper

43 100

72 26.4 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

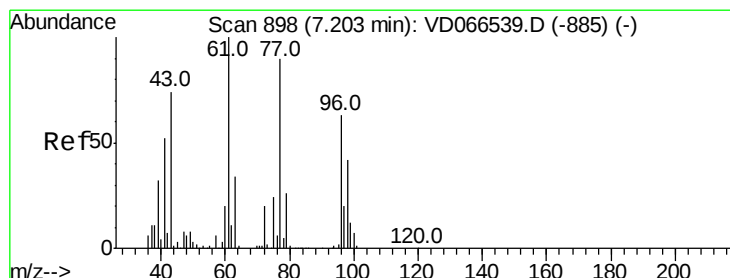
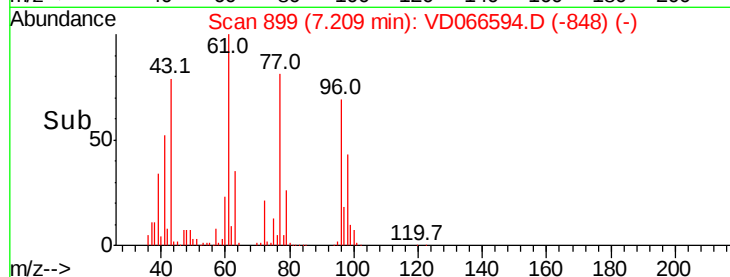
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.542 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066594.D

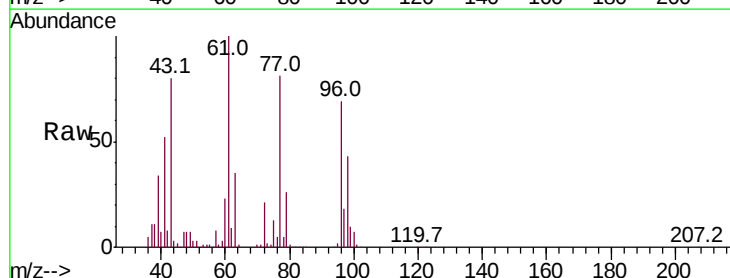
Acq: 09 Sep 2020 20:16

Tgt Ion: 77 Resp: 278154

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

100000

80000

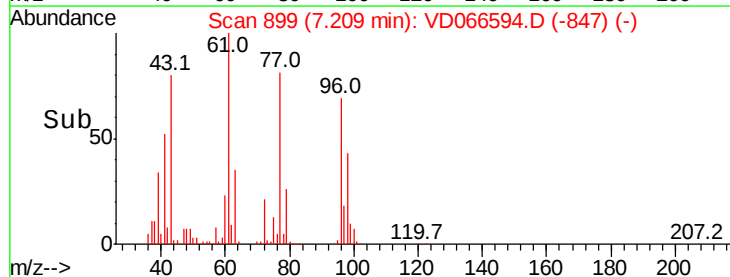
60000

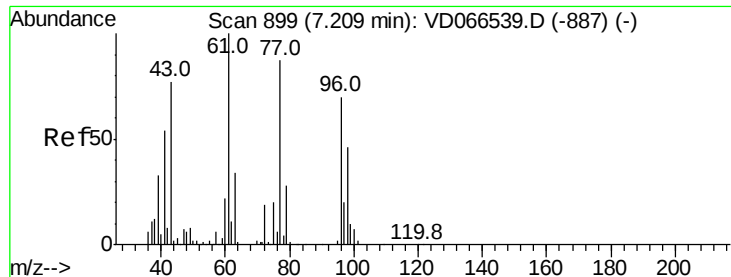
40000

20000

0

Time-->



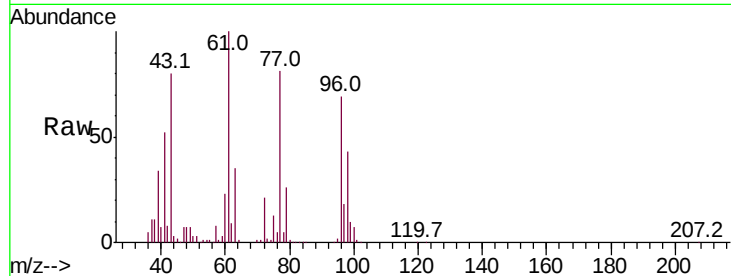


#27

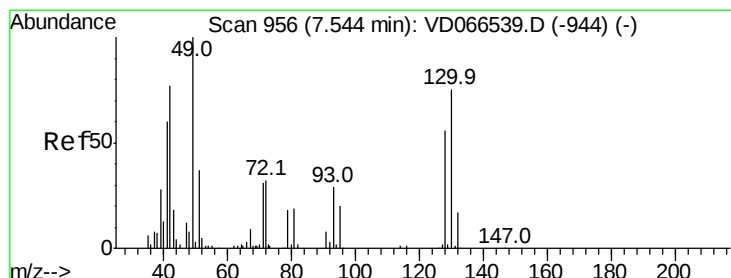
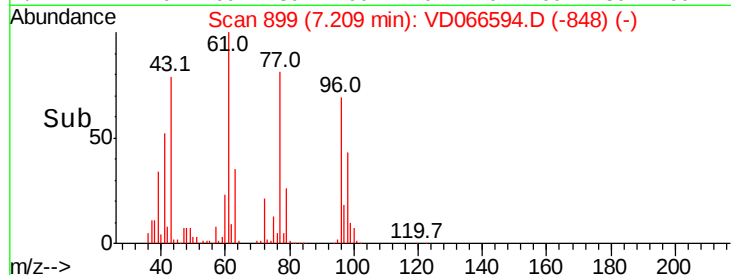
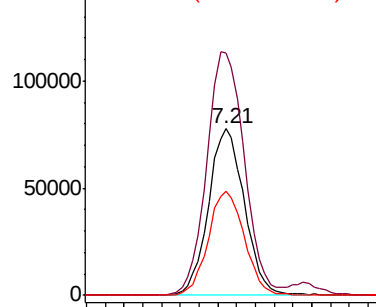
cis-1,2-Dichloroethene
 Concen: 47.862 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	301.0
98	63.2	0.0	129.8



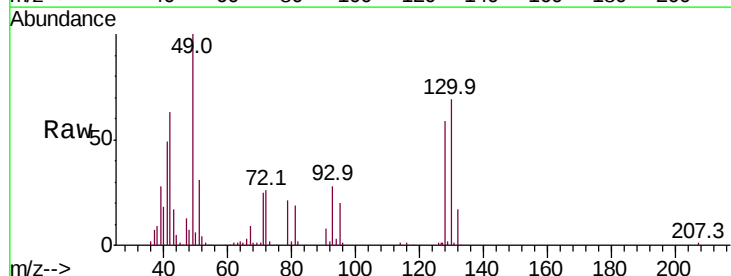
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



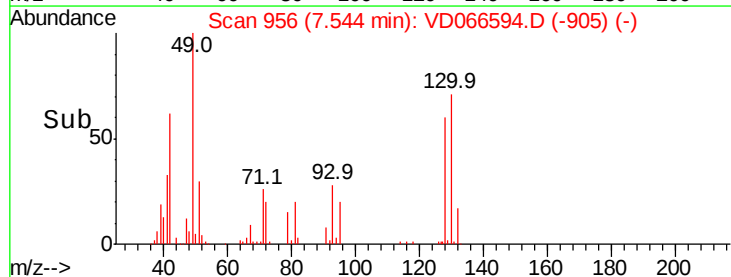
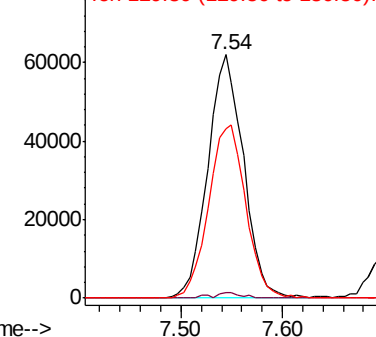
#28

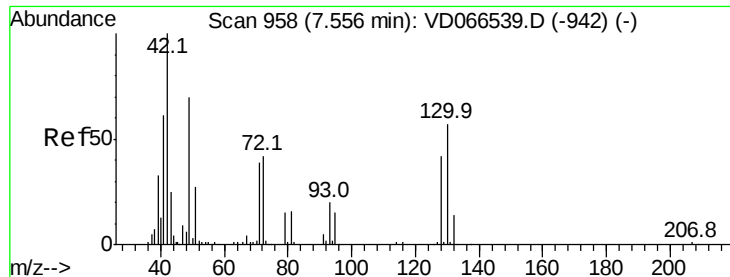
Bromochloromethane
 Concen: 55.210 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	74.0	58.2	87.2



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

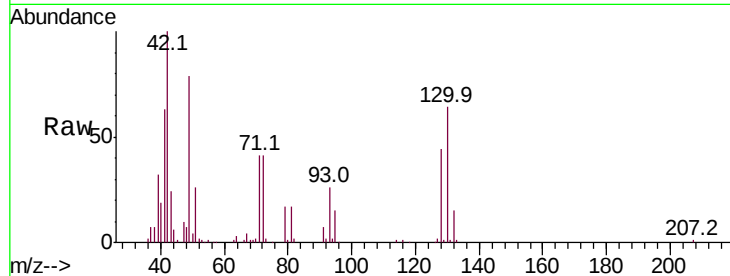




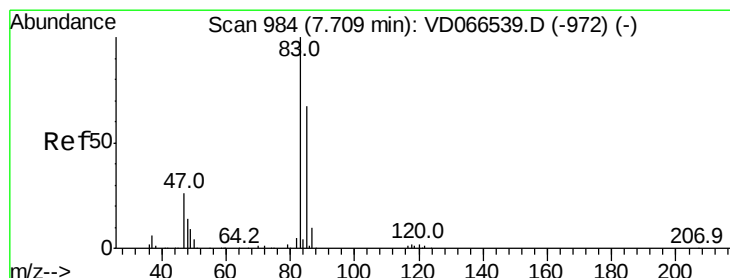
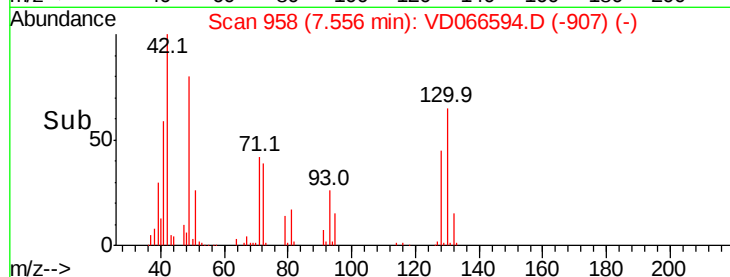
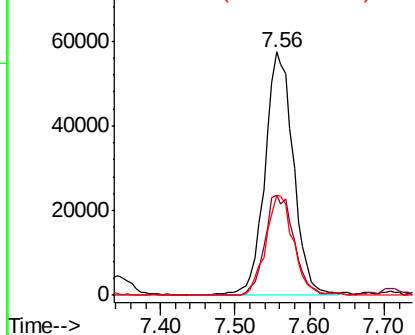
#29
Tetrahydrofuran
Concen: 245.202 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 152340
Ion Ratio Lower Upper
42 100
72 42.1 33.4 50.0
71 39.7 31.9 47.9

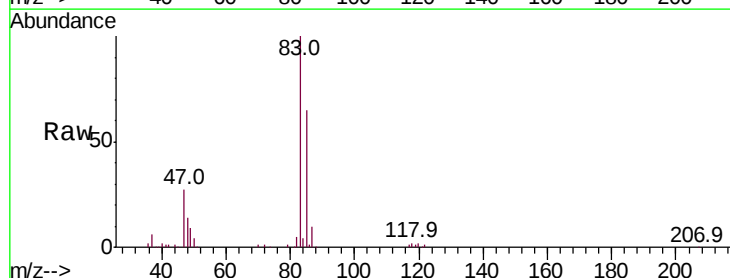


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

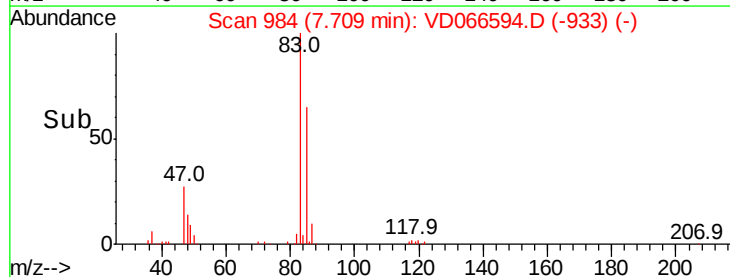
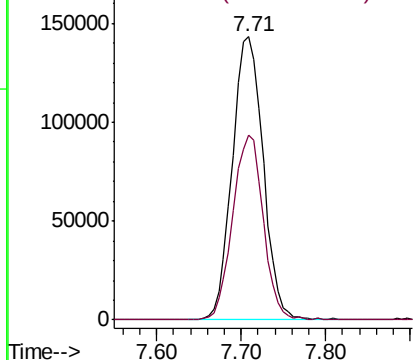


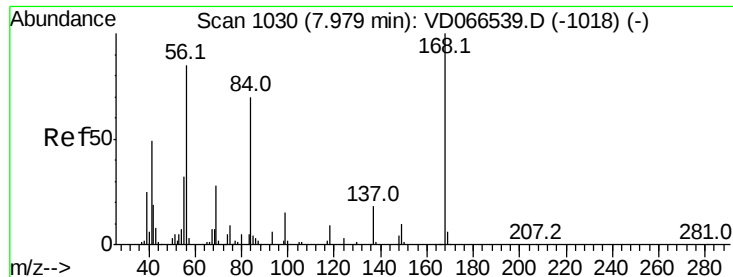
#30
Chloroform
Concen: 48.100 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 83 Resp: 362718
Ion Ratio Lower Upper
83 100
85 65.3 53.6 80.4



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

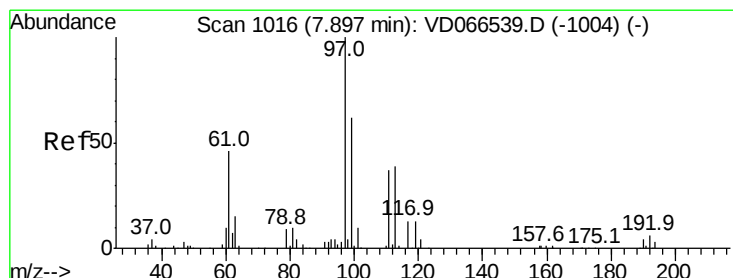
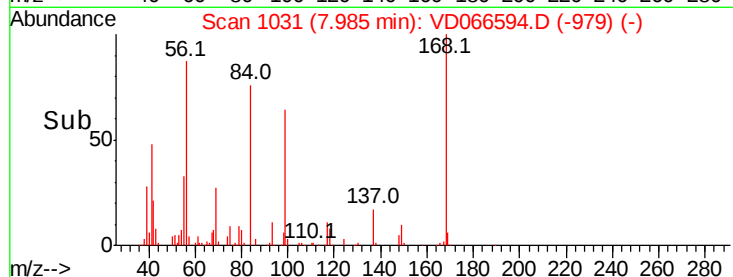
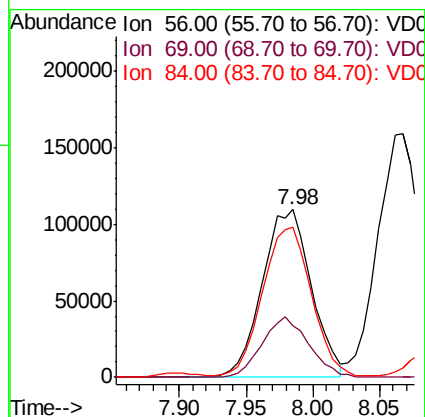
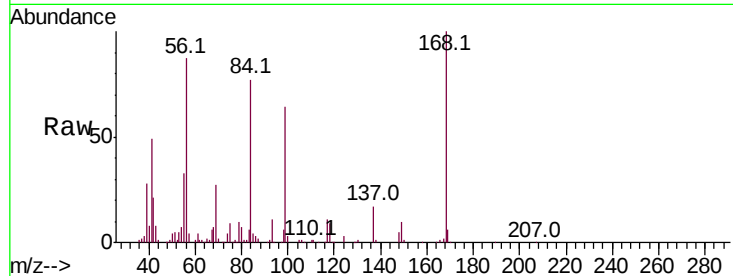




#31
Cyclohexane
Concen: 42.459 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

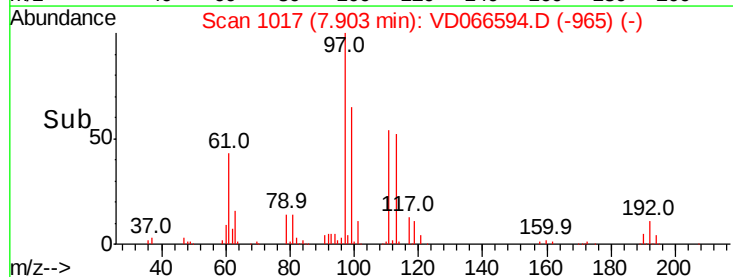
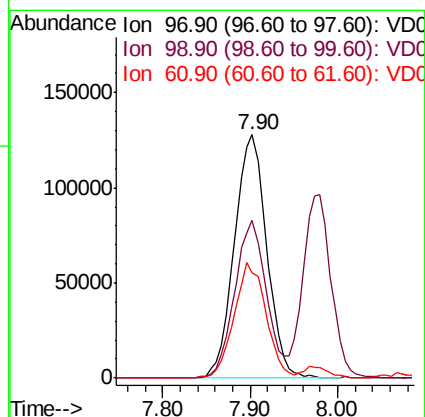
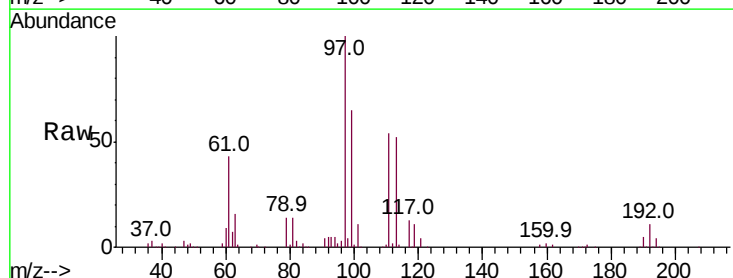
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

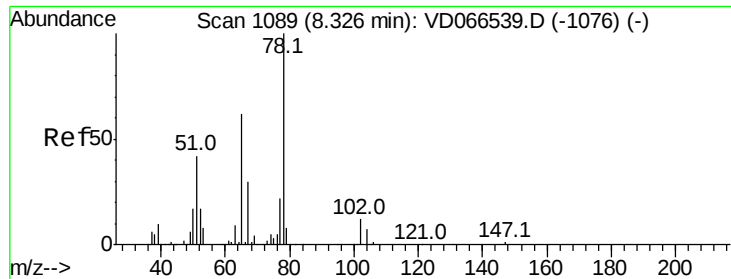
Tot Ion: 56 Resp: 279759
Ion Ratio Lower Upper
56 100
69 31.1 26.3 39.5
84 87.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 45.255 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 97 Resp: 320850
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 46.6 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 54.170 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

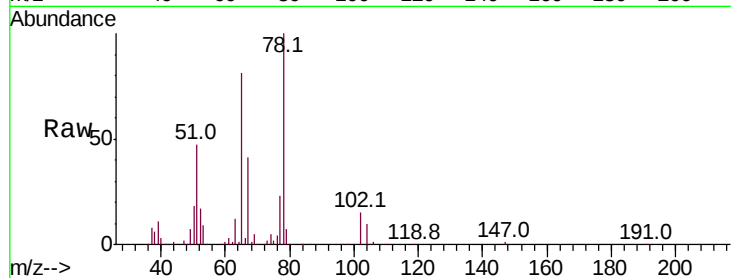
VSTDCCC050EC

Tot Ion: 65 Resp: 218786

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

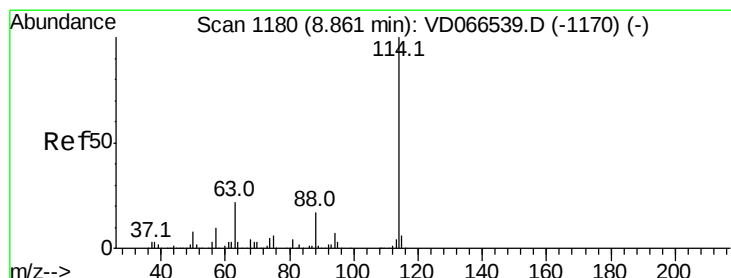
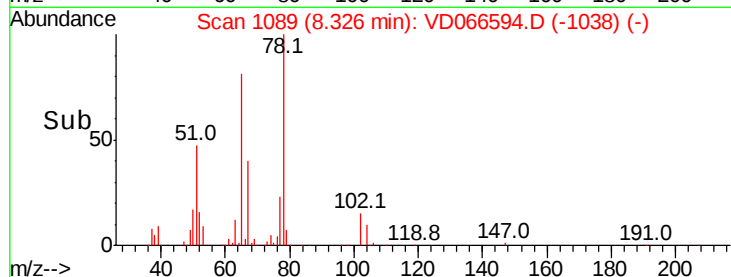
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

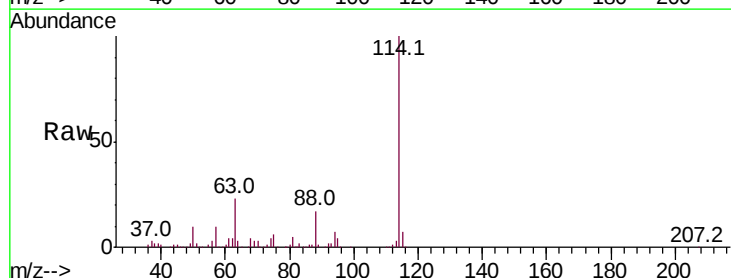
Tgt Ion: 114 Resp: 567352

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

300000

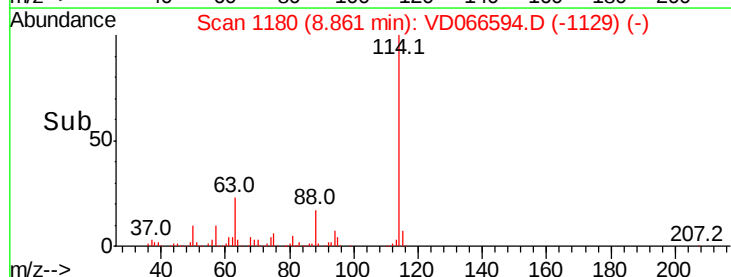
200000

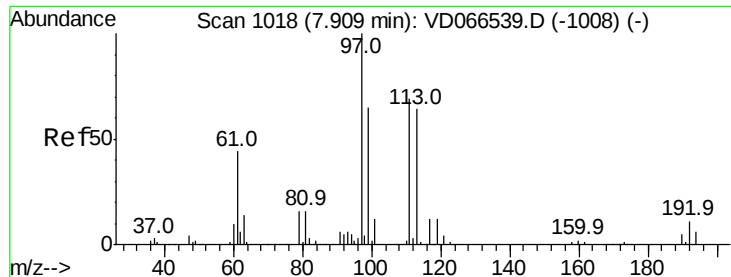
100000

0

8.80 8.90 9.00

Time-->

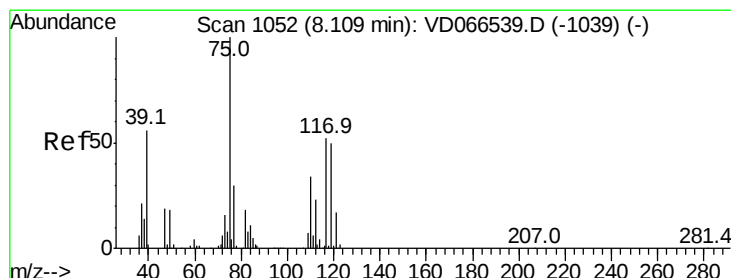
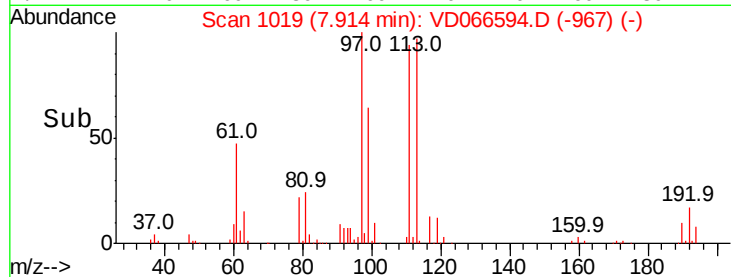
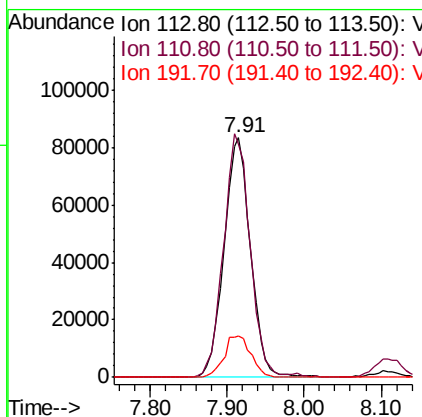
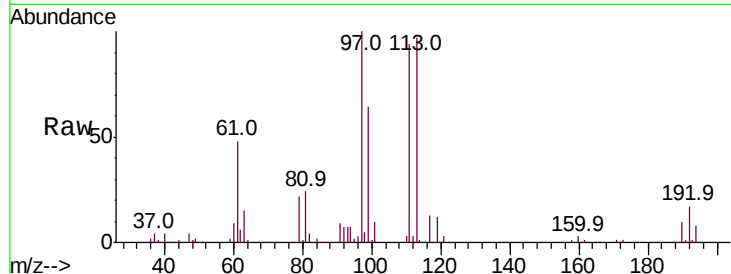




#35
 Dibromofluoromethane
 Concen: 52.204 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

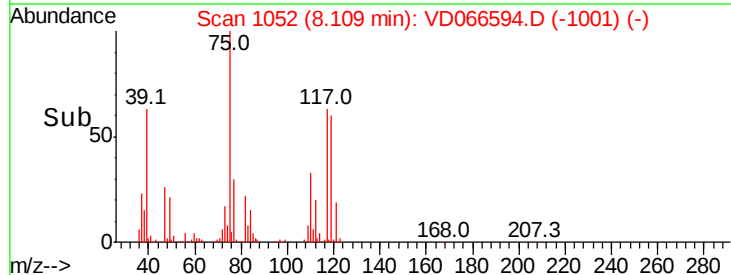
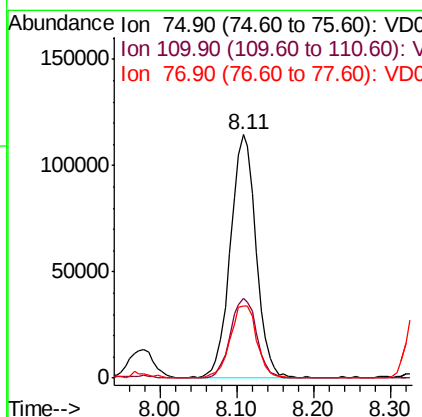
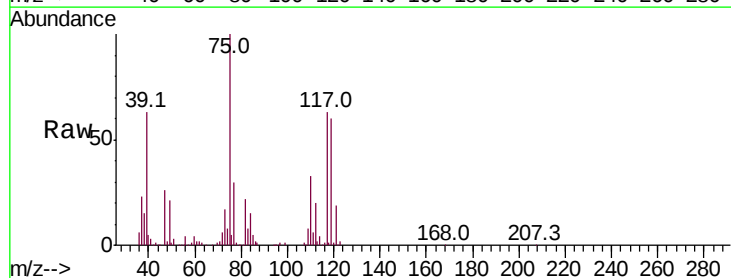
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

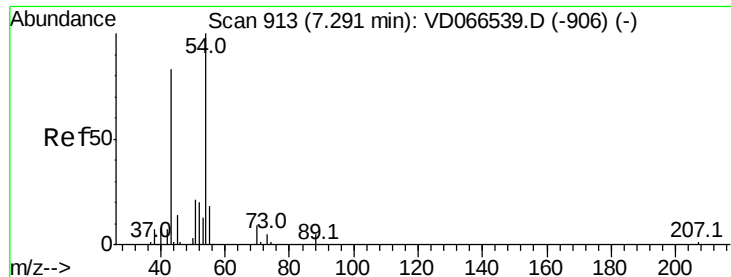
Tot Ion:113 Resp: 199806
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.2 124.8
 192 17.7 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 45.381 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 75 Resp: 267947
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.3 52.0
 77 31.0 25.1 37.7

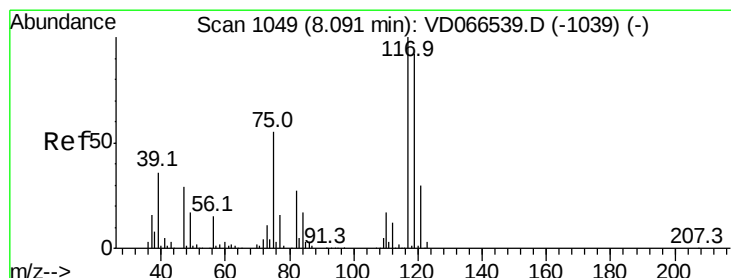
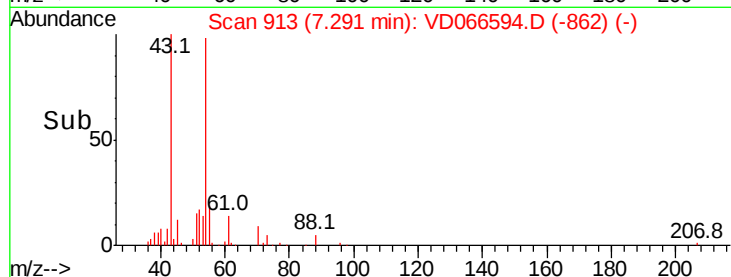
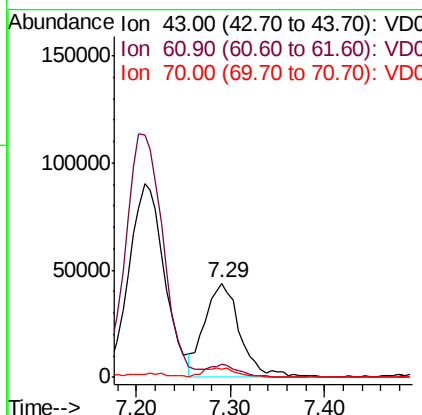
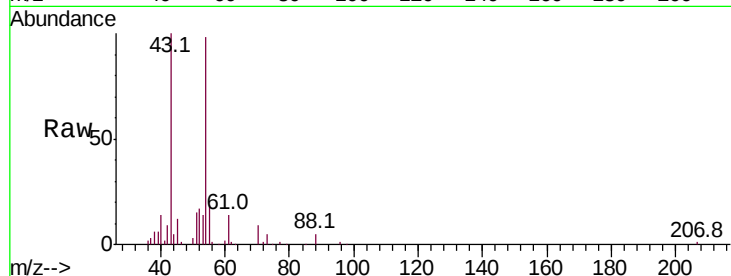




#37
Ethyl Acetate
Concen: 48.778 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

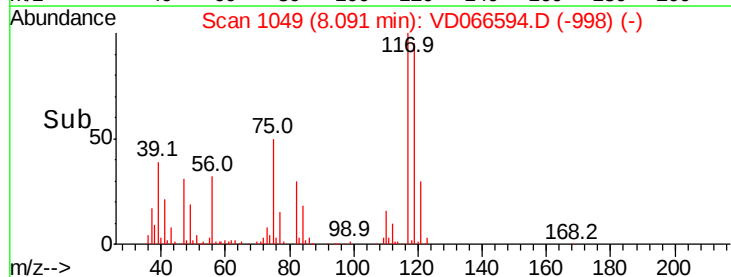
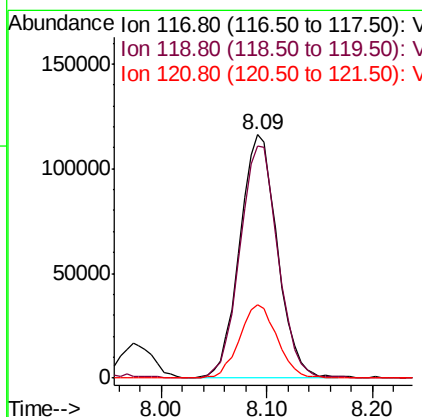
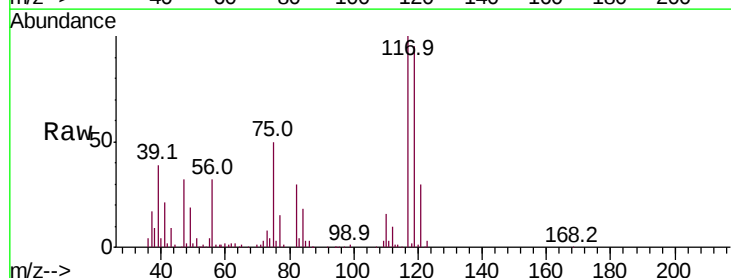
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

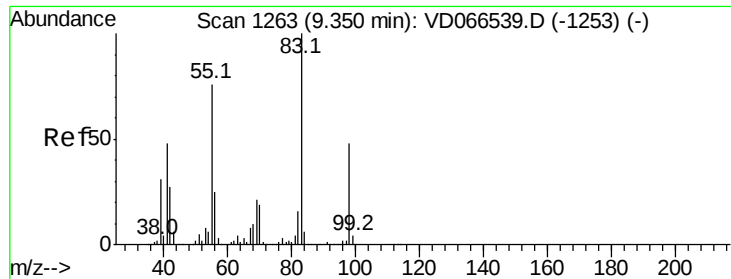
Tot Ion: 43 Resp: 114682
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.8
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.752 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 117 Resp: 285535
Ion Ratio Lower Upper
117 100
119 95.3 73.9 110.9
121 30.3 24.1 36.1

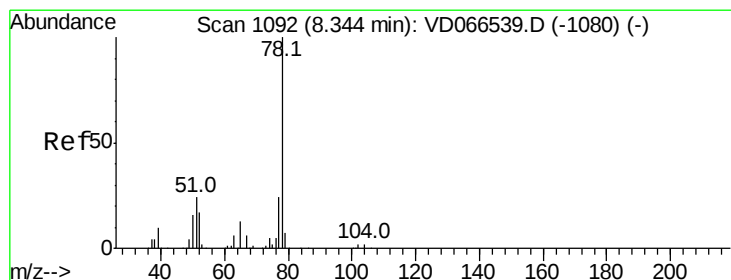
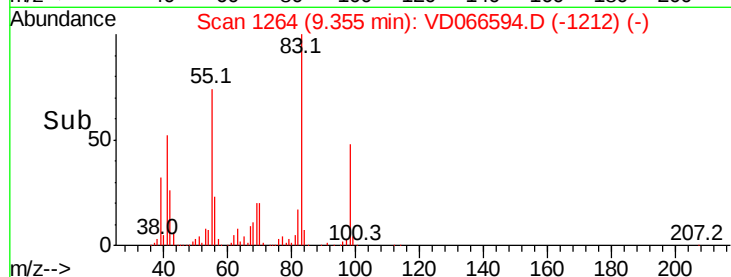
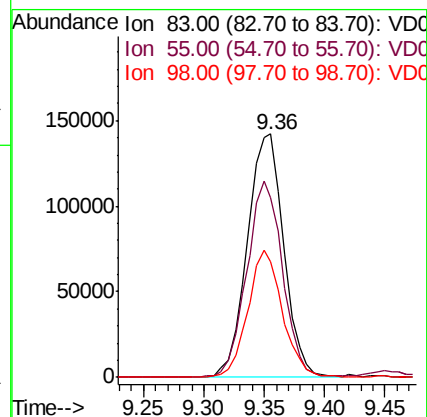
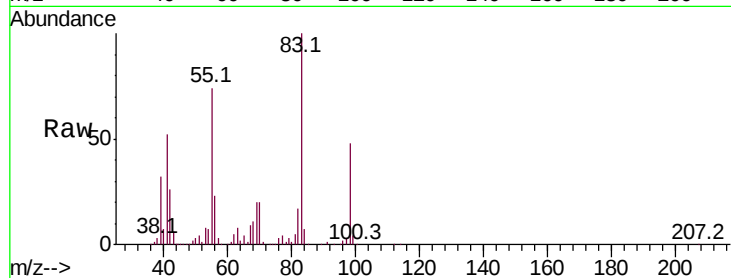




#39
Methvlcvclohexane
Concen: 45.357 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

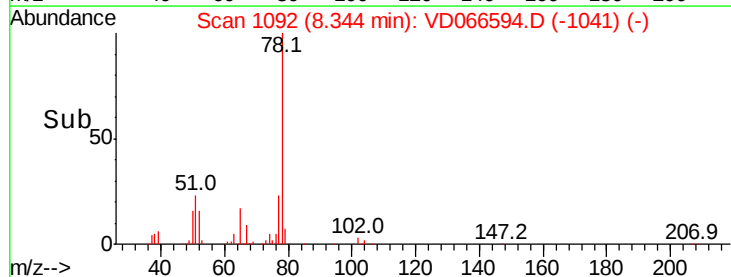
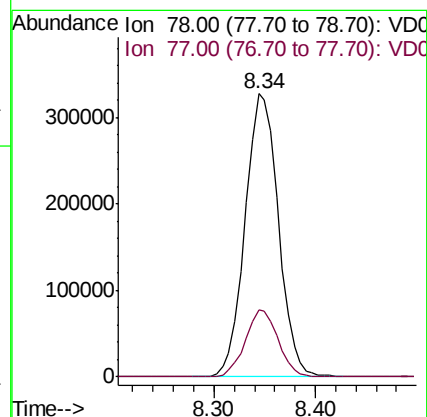
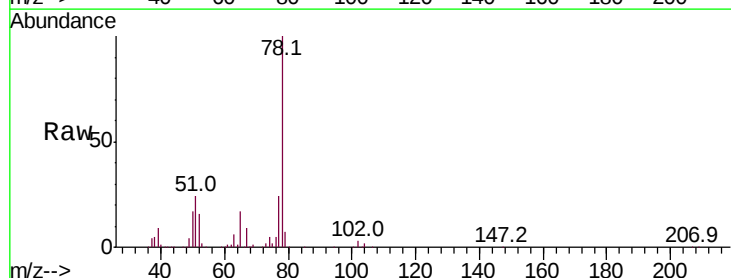
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

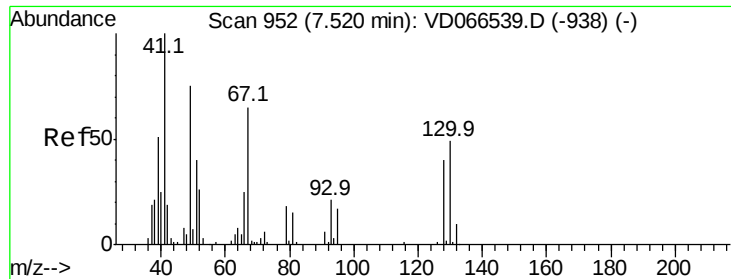
Tot Ion: 83 Resp: 299048
Ion Ratio Lower Upper
83 100
55 73.6 60.8 91.2
98 47.5 38.6 58.0



#40
Benzene
Concen: 46.166 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 78 Resp: 746545
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

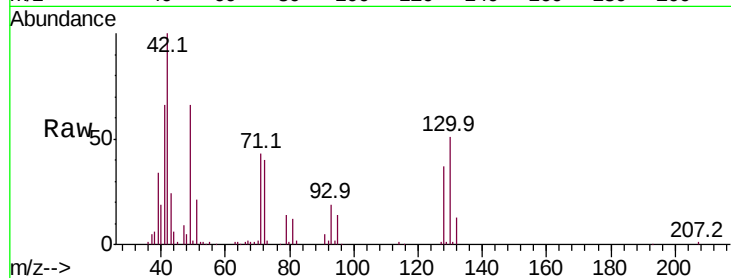




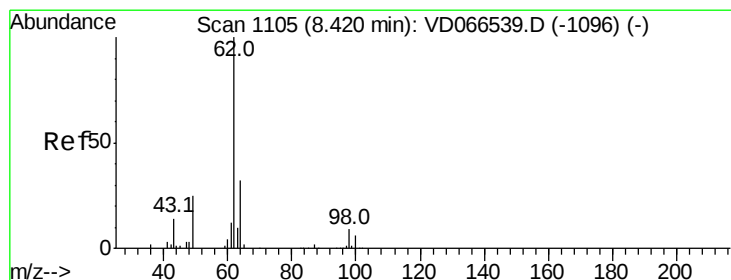
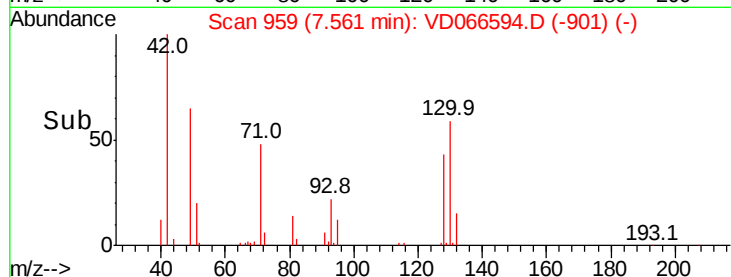
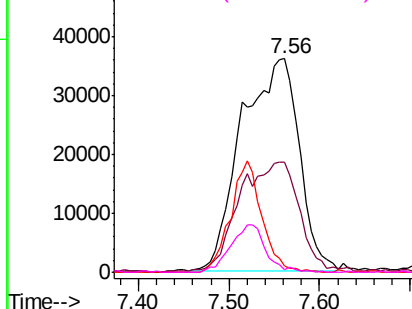
#41
Methacrylonitrile
Concen: 139.701 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 158991
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

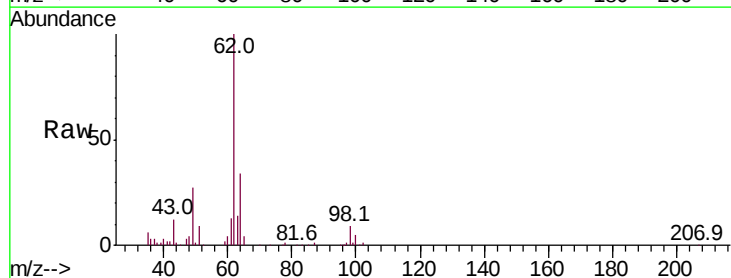


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

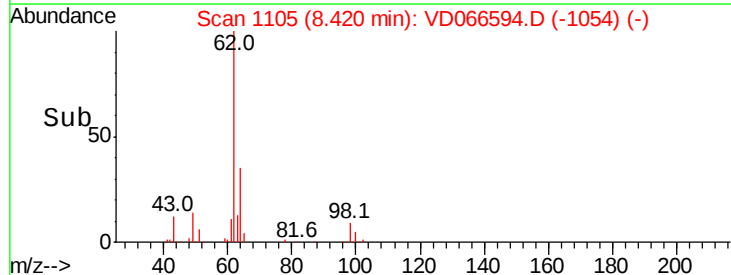
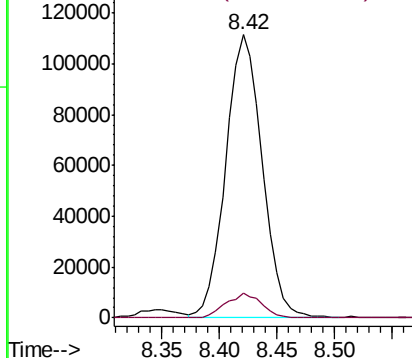


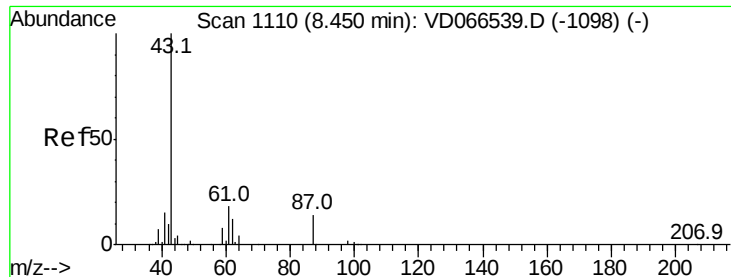
#42
1,2-Dichloroethane
Concen: 46.347 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 62 Resp: 242835
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 48.193 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

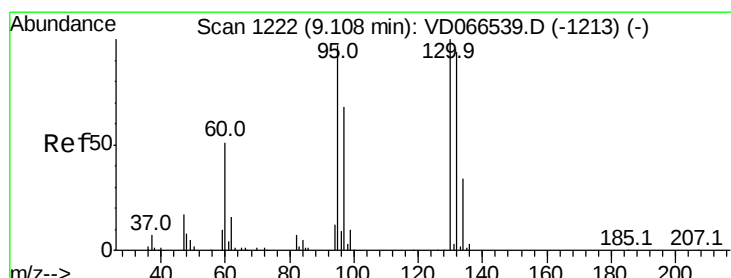
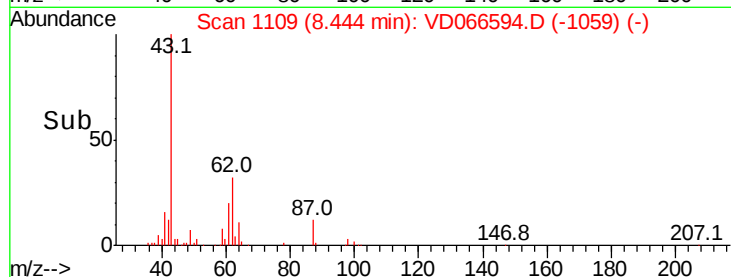
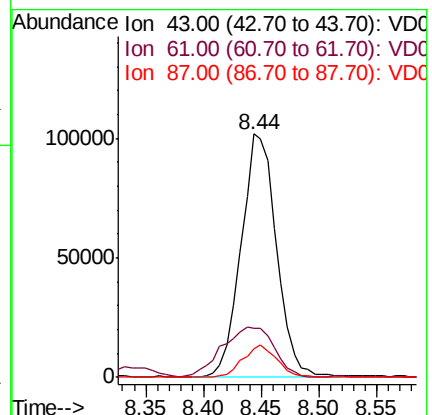
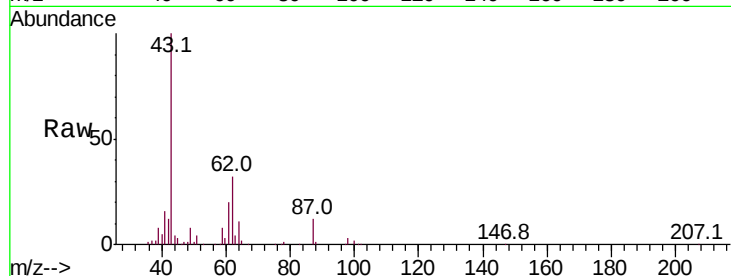
Tot Ion: 43 Resp: 217139

Ion Ratio Lower Upper

43 100

61 30.4 23.8 35.8

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 45.144 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066594.D

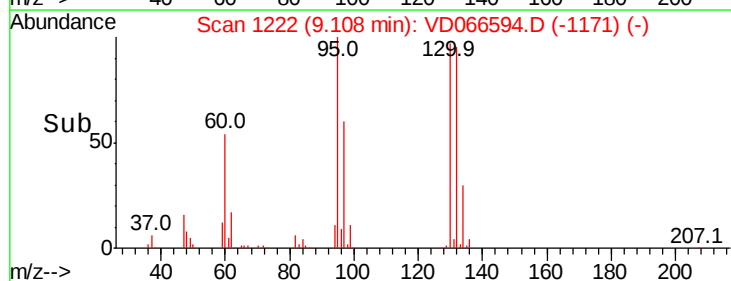
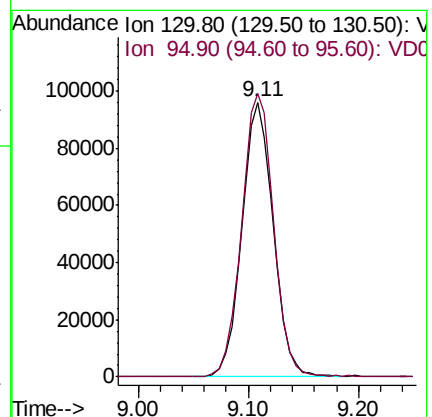
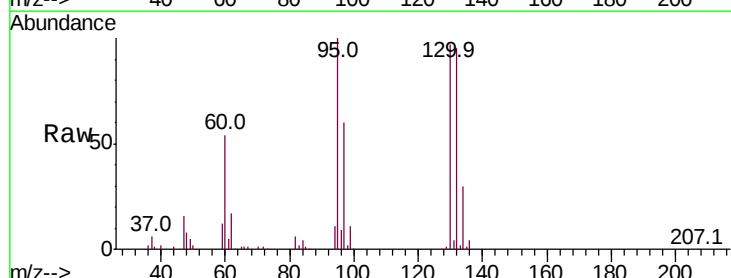
Acq: 09 Sep 2020 20:16

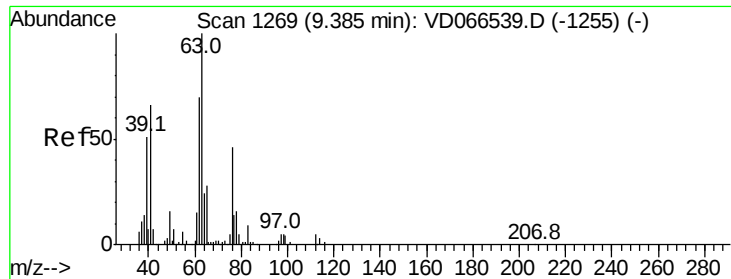
Tgt Ion:130 Resp: 191492

Ion Ratio Lower Upper

130 100

95 103.1 0.0 194.4





#45

1,2-Dichloropropane

Concen: 46.643 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

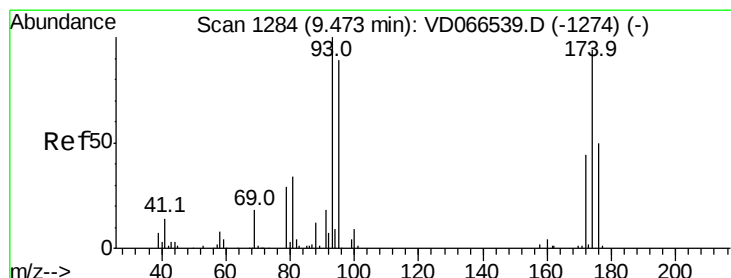
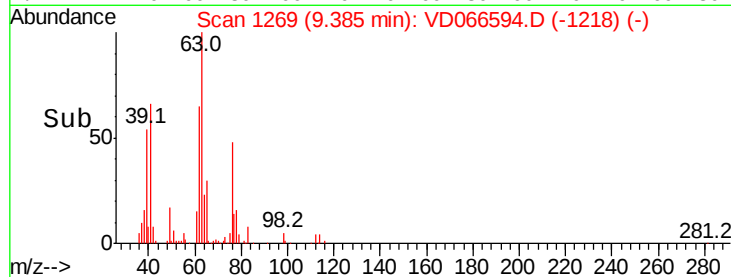
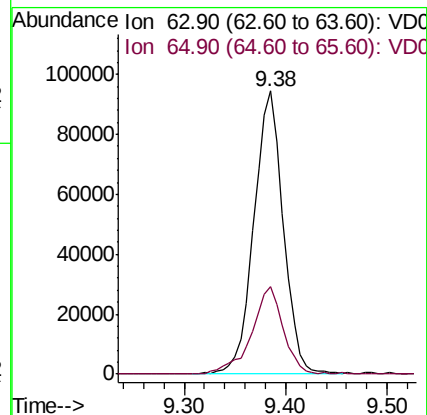
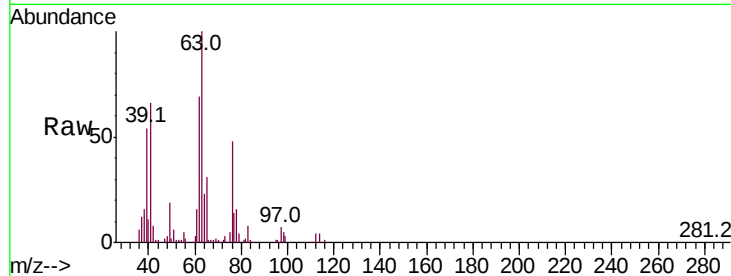
VSTDCCC050EC

Tot Ion: 63 Resp: 189680

Ion Ratio Lower Upper

63 100

65 30.6 22.6 34.0



#46

Dibromomethane

Concen: 47.785 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

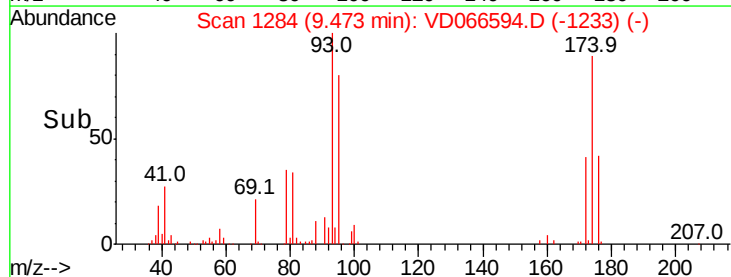
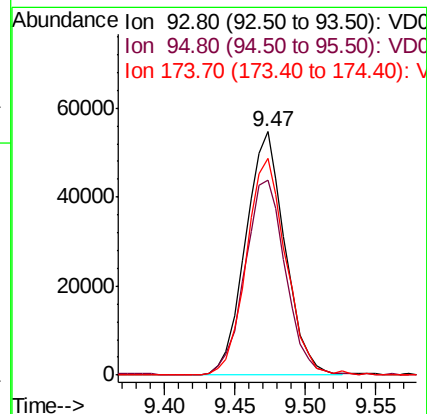
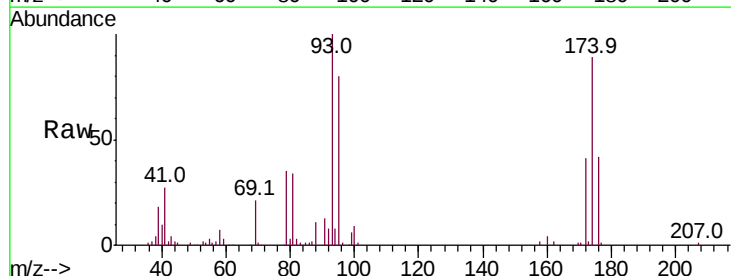
Tgt Ion: 93 Resp: 107211

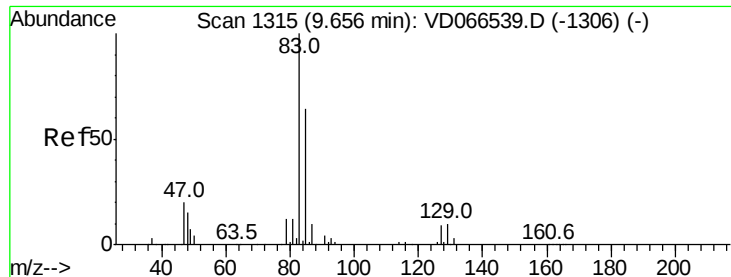
Ion Ratio Lower Upper

93 100

95 82.6 68.7 103.1

174 89.5 70.0 105.0





#47

Bromodichloromethane

Concen: 47.664 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

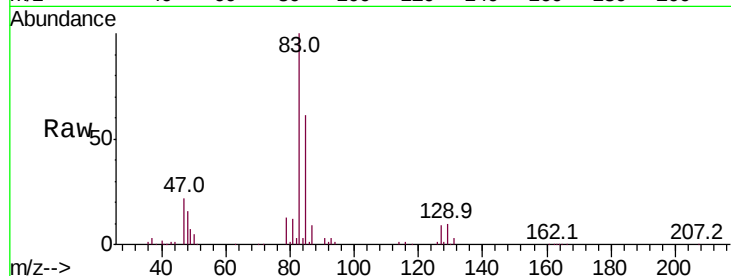
Tot Ion: 83 Resp: 289331

Ion Ratio Lower Upper

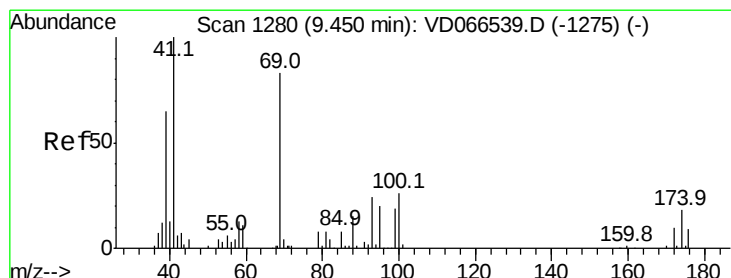
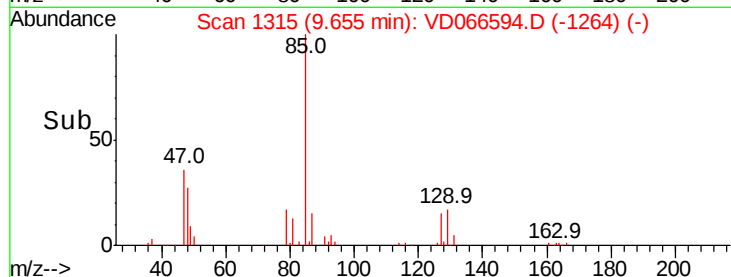
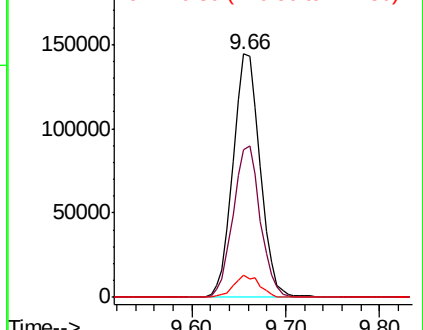
83 100

85 60.7 51.1 76.7

127 8.9 6.9 10.3



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): V



#48

Methyl methacrylate

Concen: 46.282 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

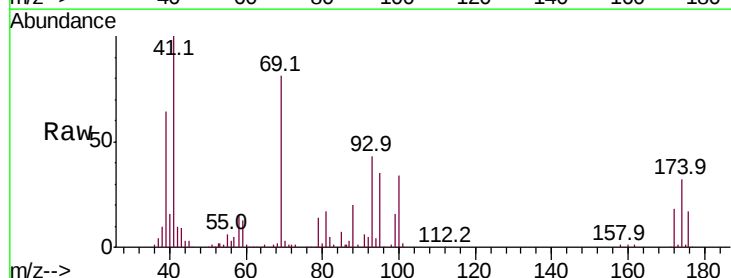
Tgt Ion: 41 Resp: 105444

Ion Ratio Lower Upper

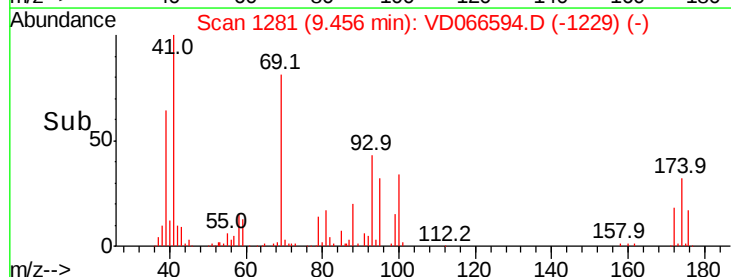
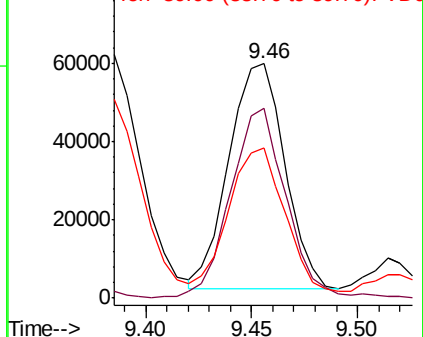
41 100

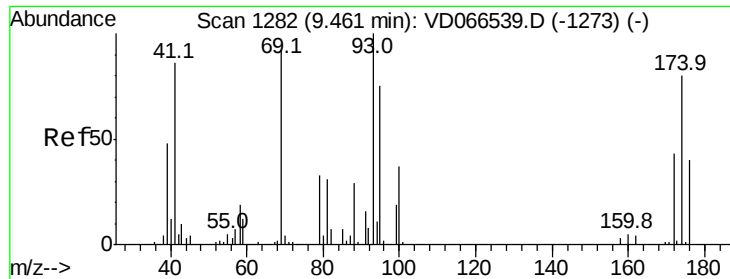
69 84.6 64.5 96.7

39 69.4 46.6 69.8



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: 997.832 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

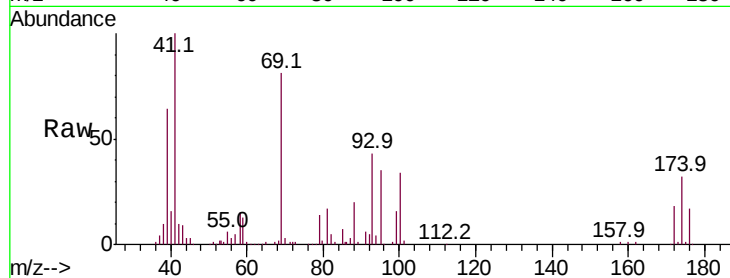
Tot Ion: 88 Resp: 24561

Ion Ratio Lower Upper

88 100

43 40.4 28.3 42.5

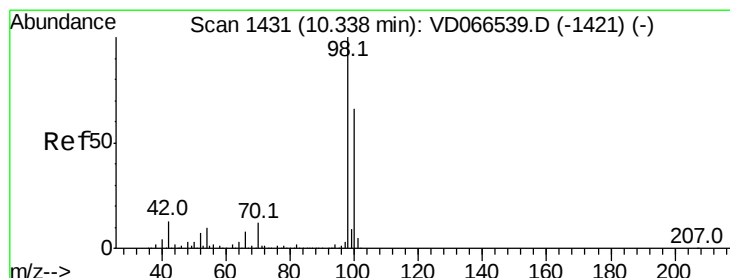
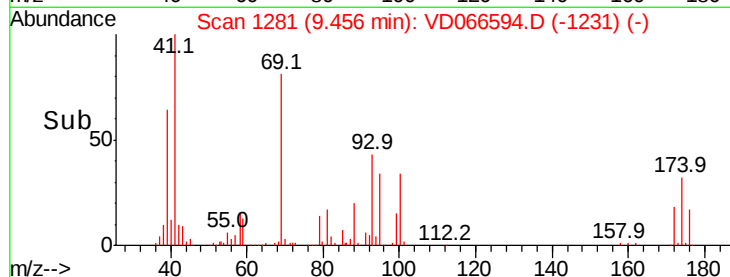
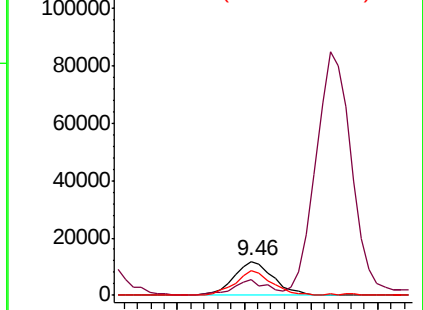
58 68.6 56.1 84.1



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: 52.821 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066594.D

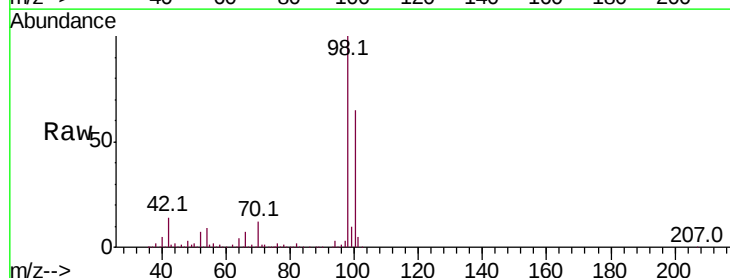
Acq: 09 Sep 2020 20:16

Tgt Ion: 98 Resp: 722570

Ion Ratio Lower Upper

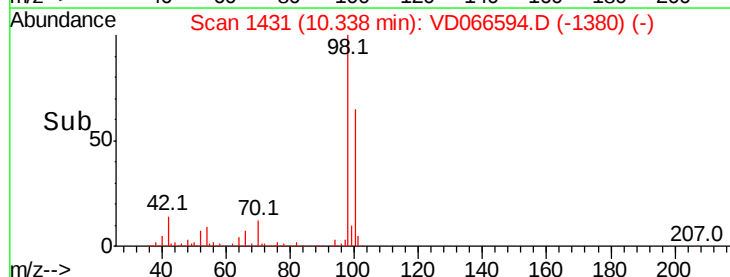
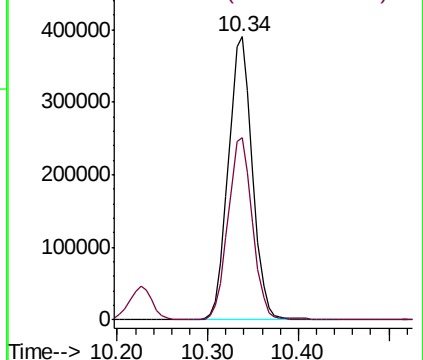
98 100

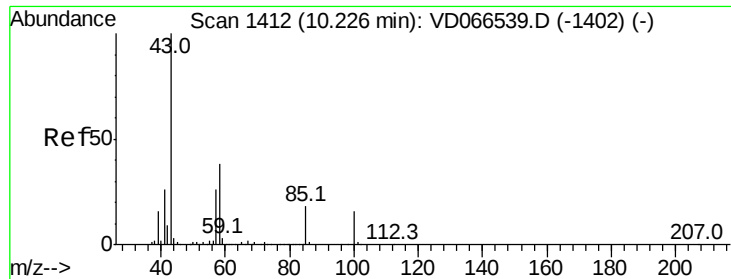
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

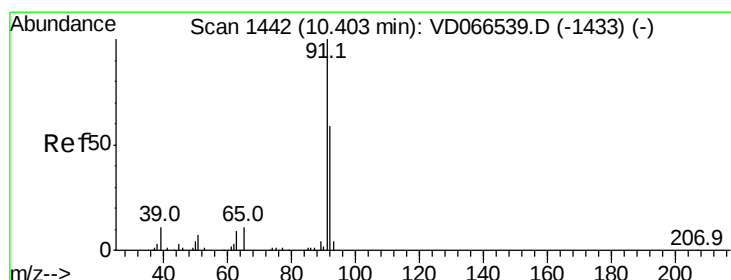
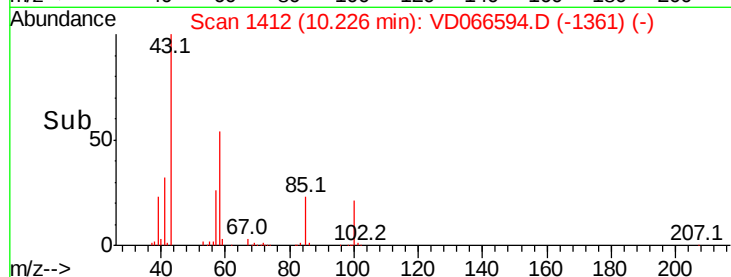
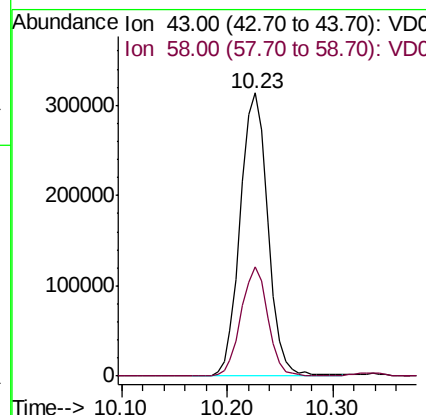
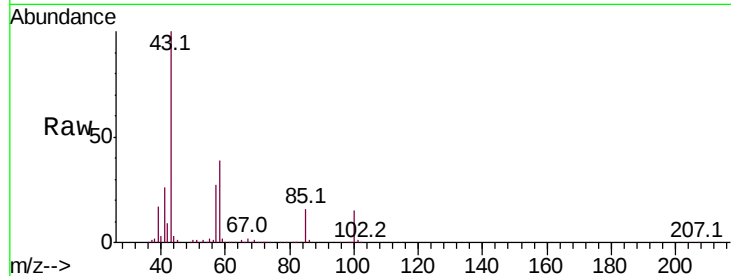




#51
 4-Methyl-2-Pentanone
 Concen: 250.559 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

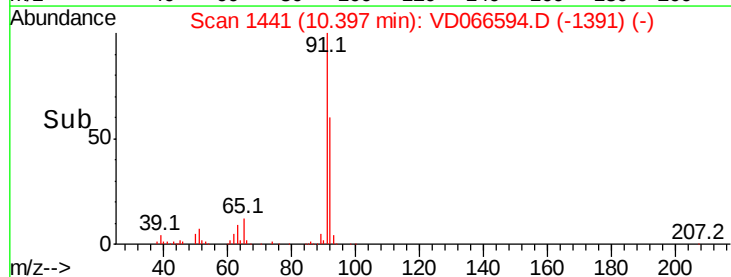
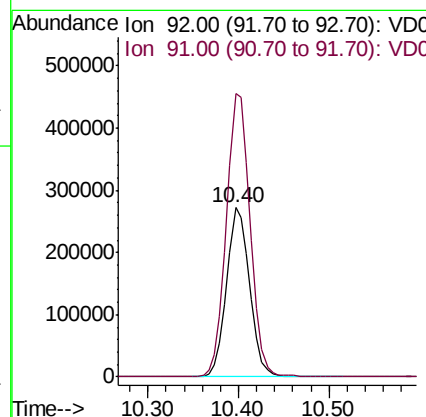
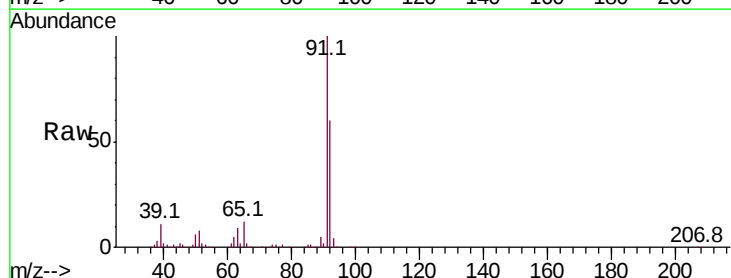
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

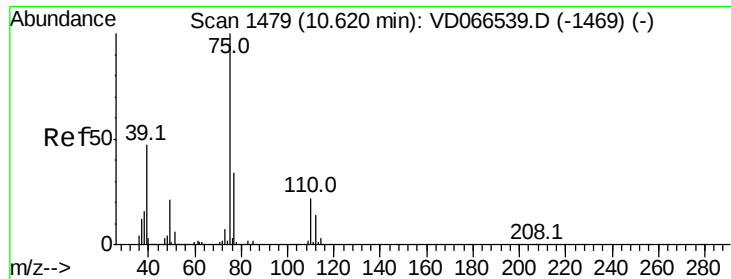
Tot Ion: 43 Resp: 569351
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.5 45.7



#52
 Toluene
 Concen: 47.000 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 92 Resp: 481104
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 47.722 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

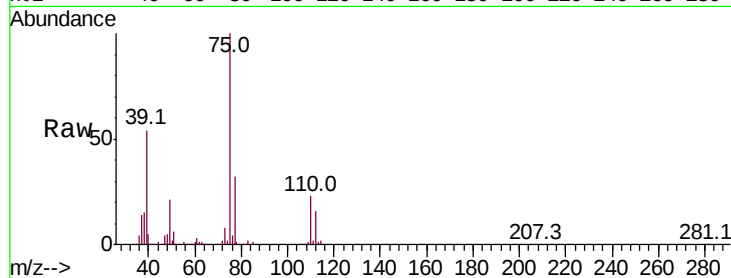
VSTDCCC050EC

Tot Ion: 75 Resp: 255724

Ion Ratio Lower Upper

75 100

77 31.7 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

150000

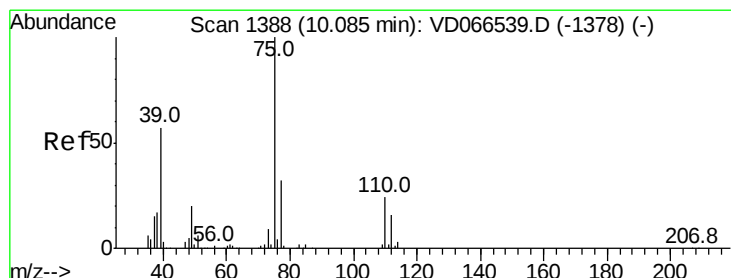
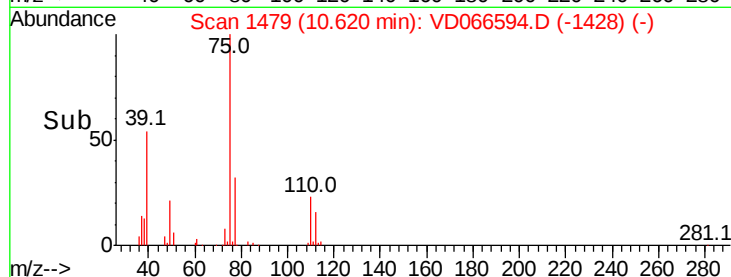
100000

50000

0

10.60 10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.269 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

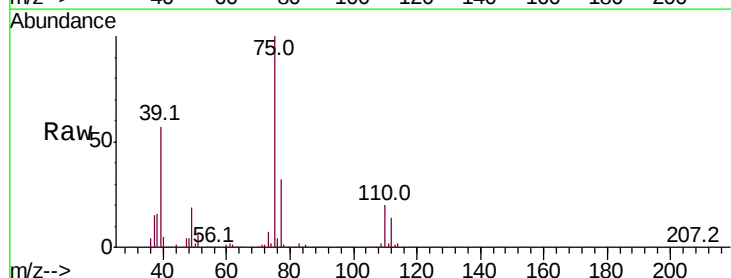
Tgt Ion: 75 Resp: 304180

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 56.8 45.4 68.0



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

10.08

200000

150000

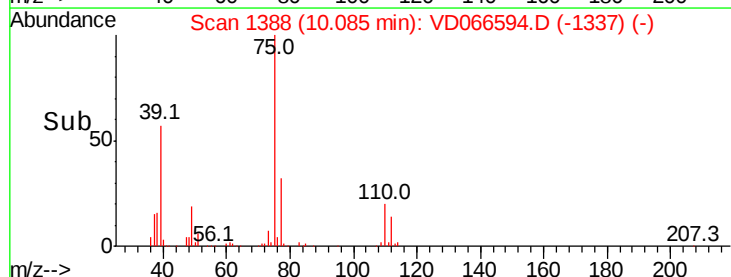
100000

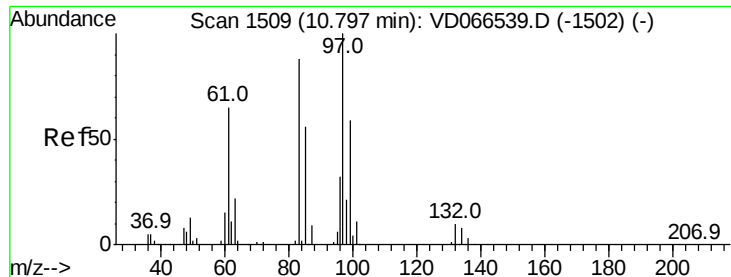
50000

0

10.00 10.10 10.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.835 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 137993

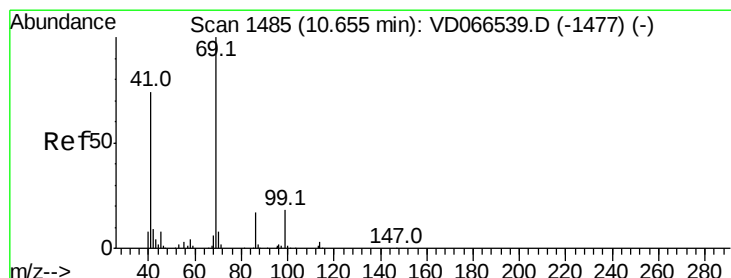
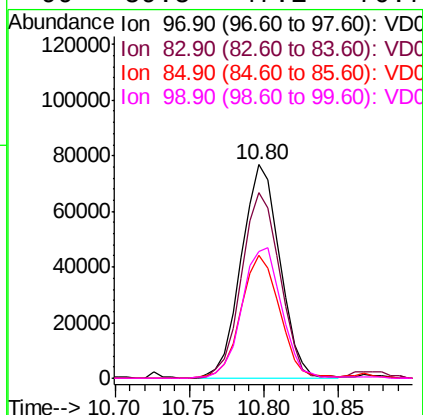
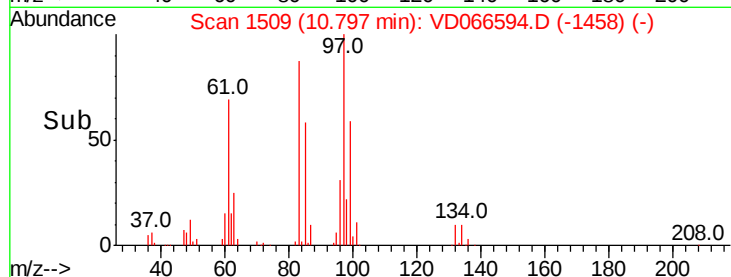
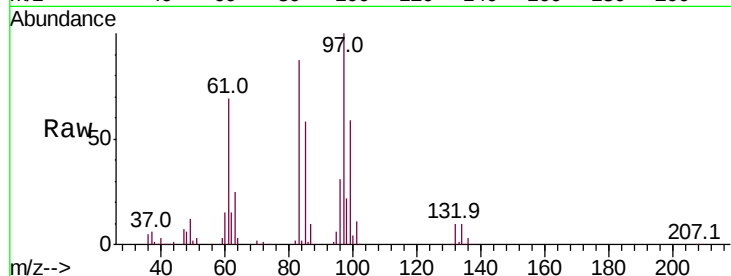
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.1	105.1
85	57.6	44.5	66.7
99	59.5	47.1	70.7

97 100

83 86.9 70.1 105.1

85 57.6 44.5 66.7

99 59.5 47.1 70.7



#56

Ethyl methacrylate

Concen: 50.221 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

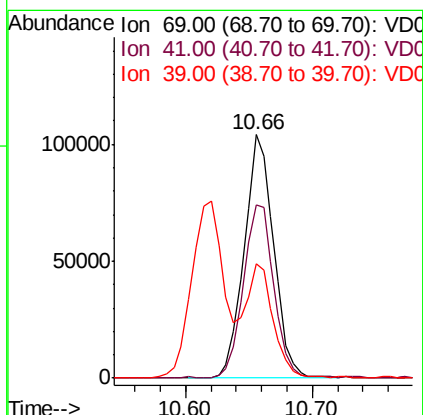
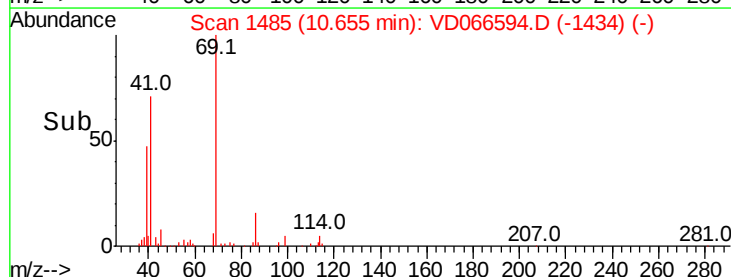
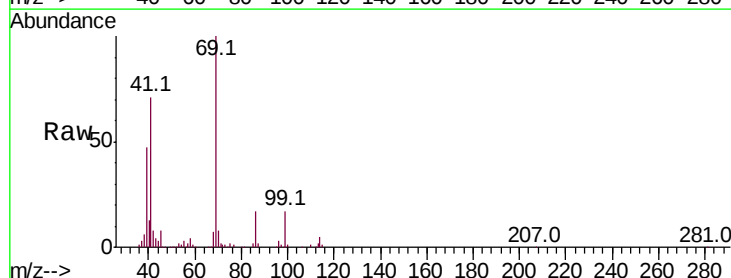
Tgt Ion: 69 Resp: 168683

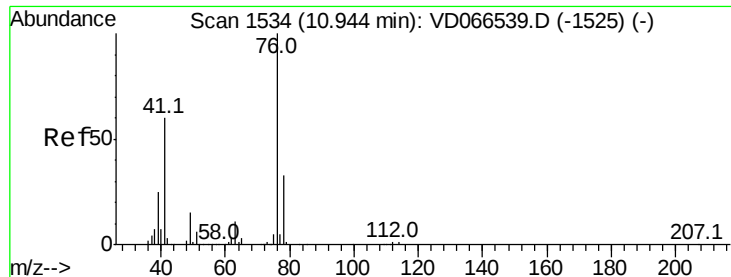
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.8	85.2
39	44.3	30.6	46.0

69 100

41 72.5 56.8 85.2

39 44.3 30.6 46.0





#57

1,3-Dichloropropane

Concen: 48.099 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

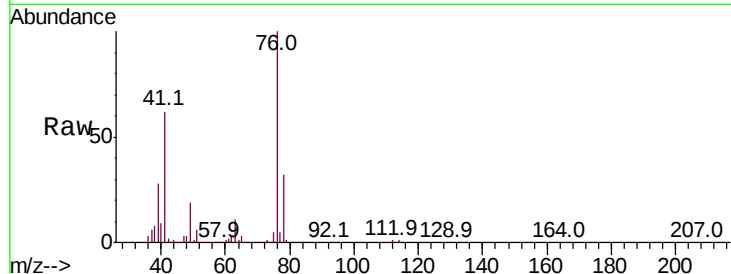
VSTDCCC050EC

Tot Ion: 76 Resp: 243039

Ion Ratio Lower Upper

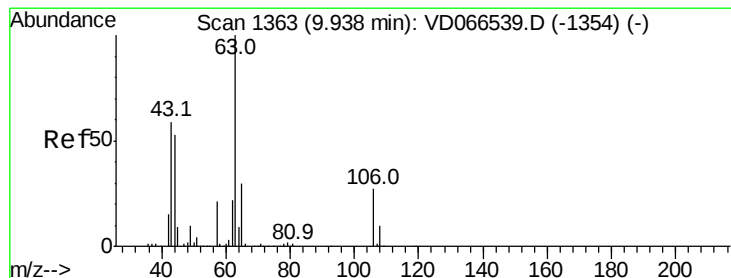
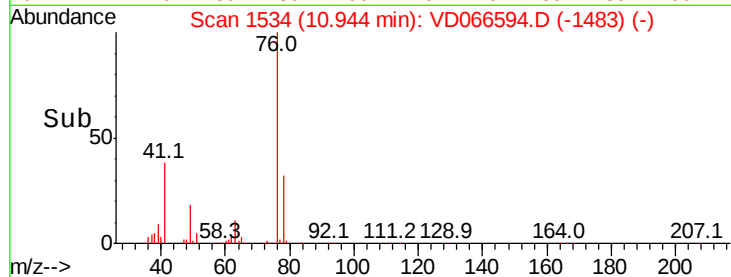
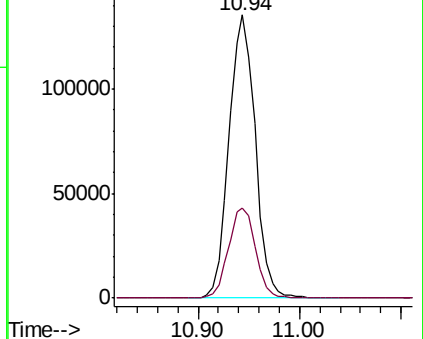
76 100

78 32.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 261.620 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066594.D

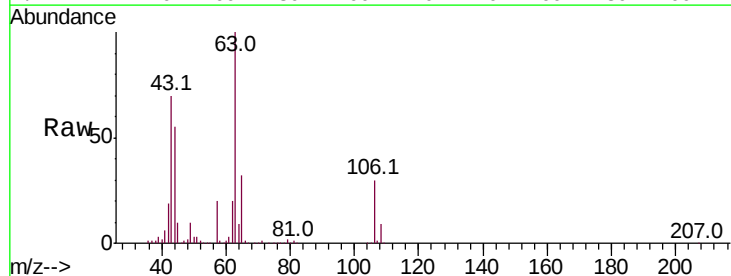
Acq: 09 Sep 2020 20:16

Tgt Ion: 63 Resp: 401930

Ion Ratio Lower Upper

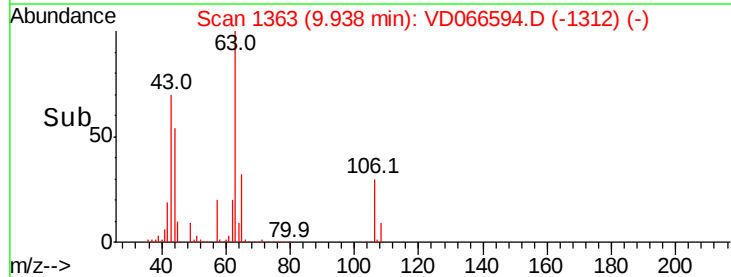
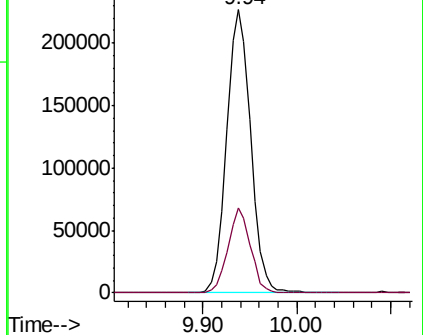
63 100

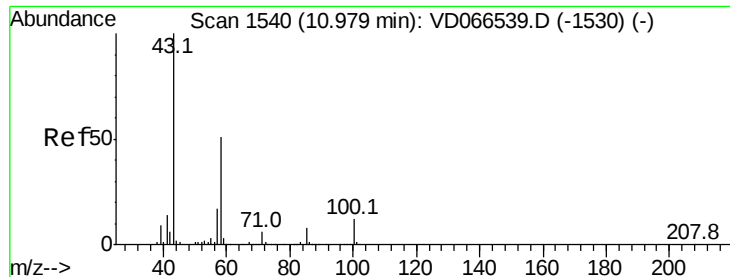
106 28.4 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

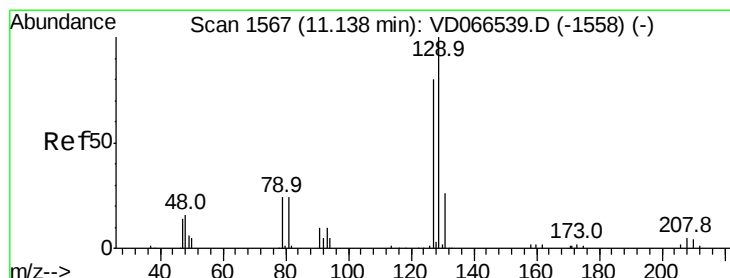
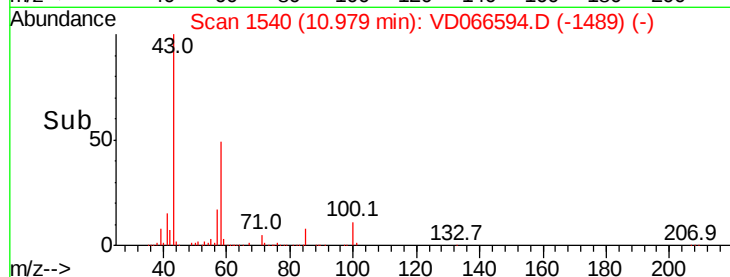
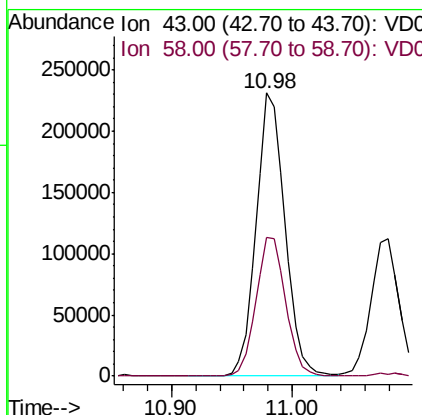
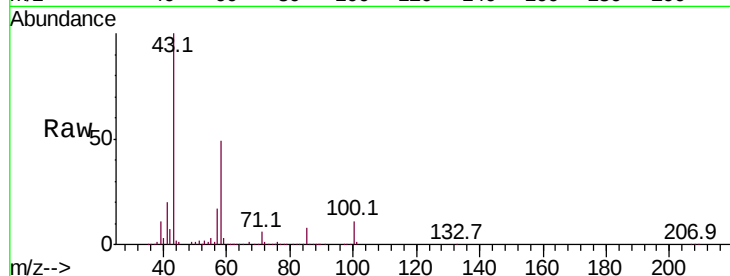




#59
2-Hexanone
Concen: 251.383 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

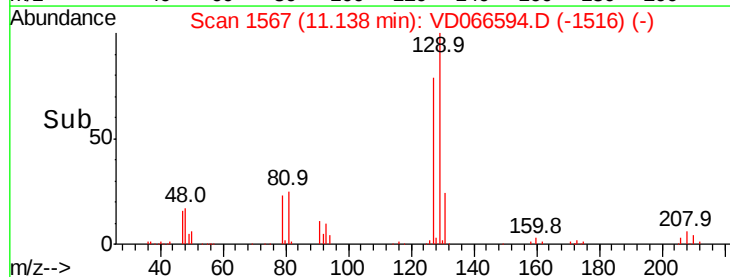
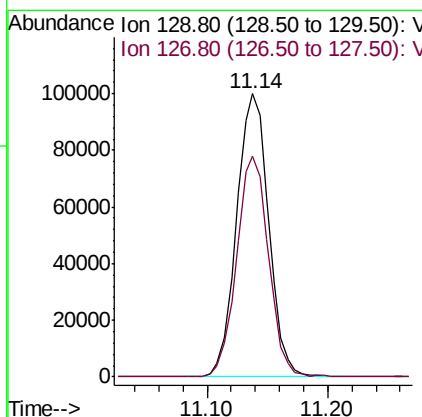
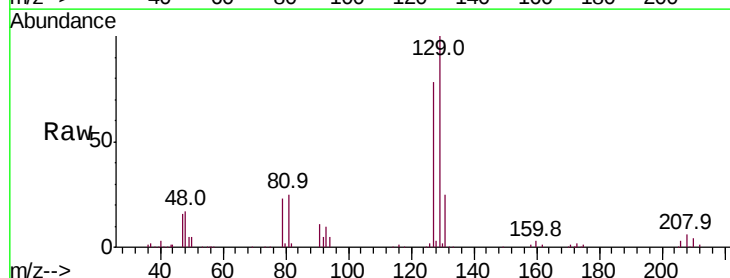
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

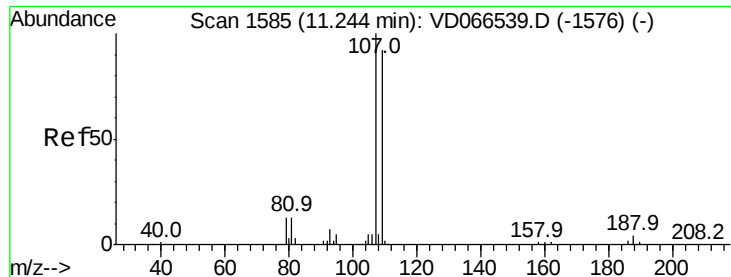
Tot Ion: 43 Resp: 384137
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8



#60
Dibromochloromethane
Concen: 48.508 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 129 Resp: 185043
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

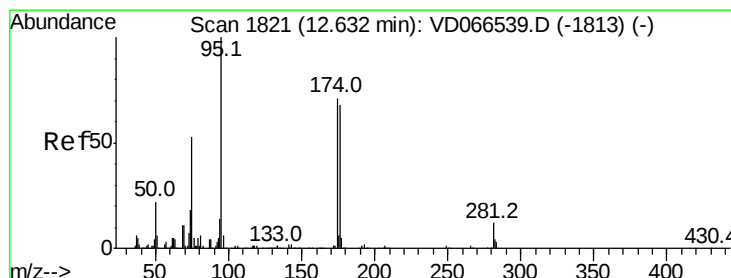
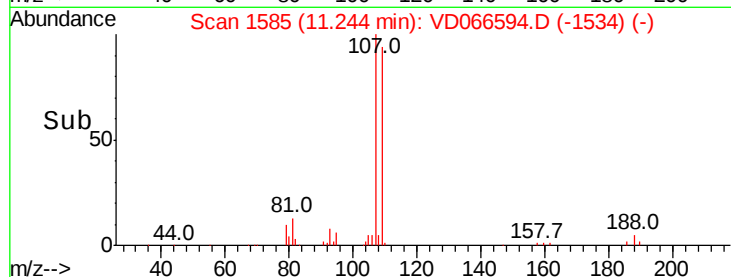
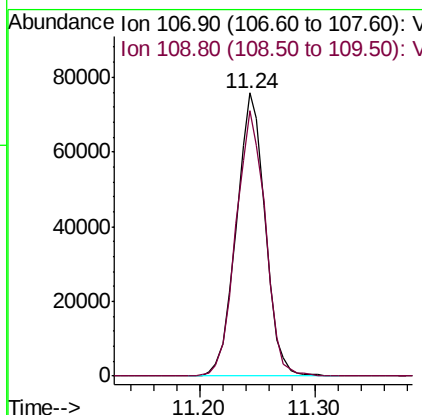
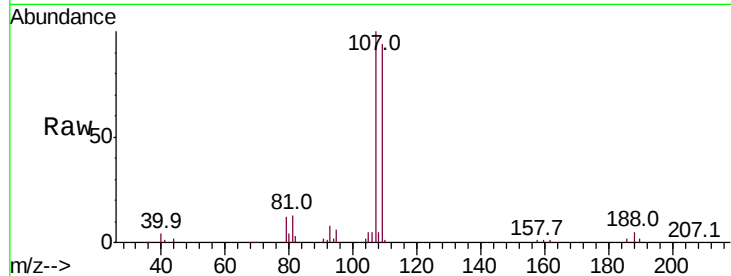




#61
 1,2-Dibromoethane
 Concen: 46.526 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

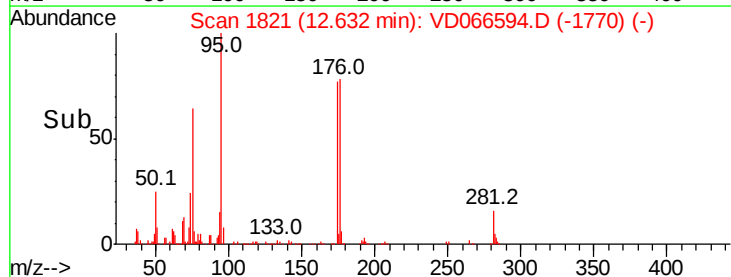
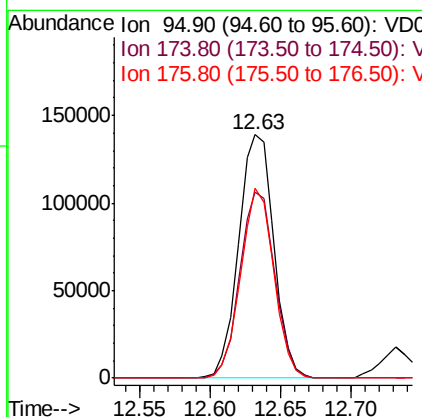
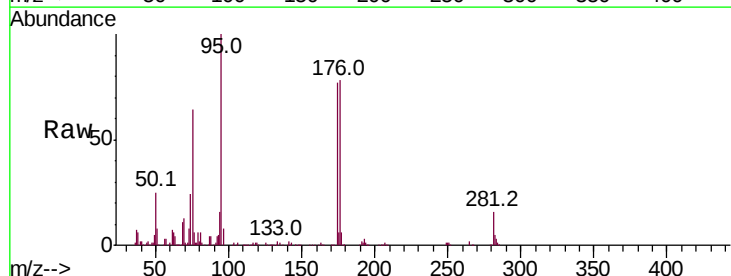
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

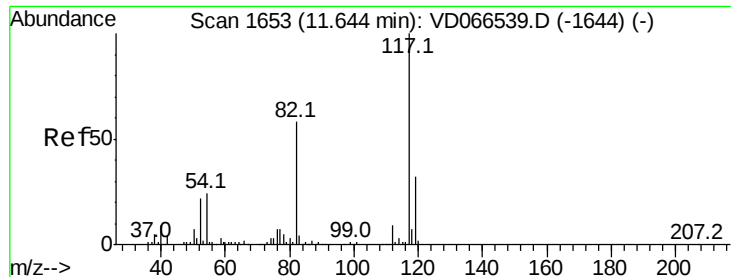
Tot Ion:107 Resp: 130578
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.388 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 95 Resp: 242172
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 155.8
 176 73.8 0.0 148.6

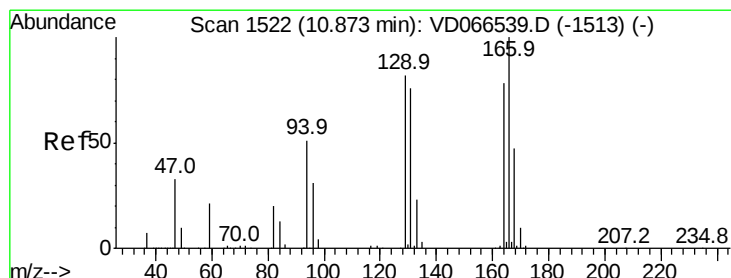
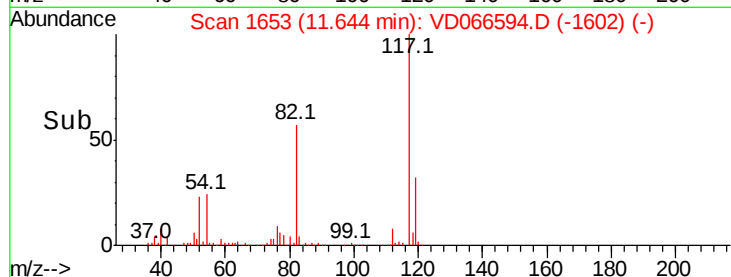
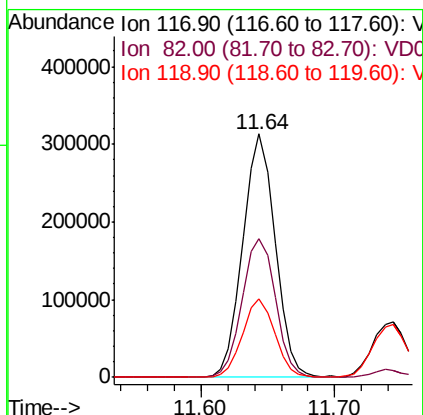
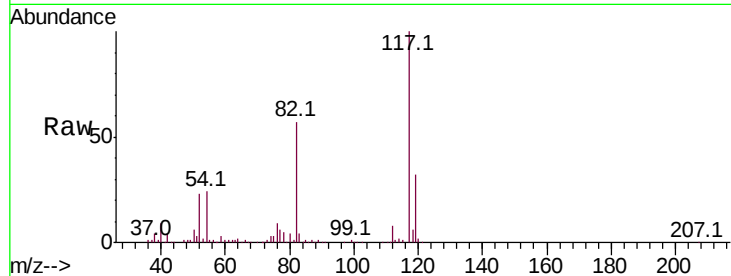




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

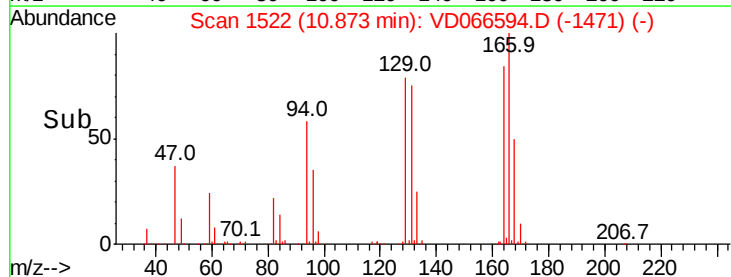
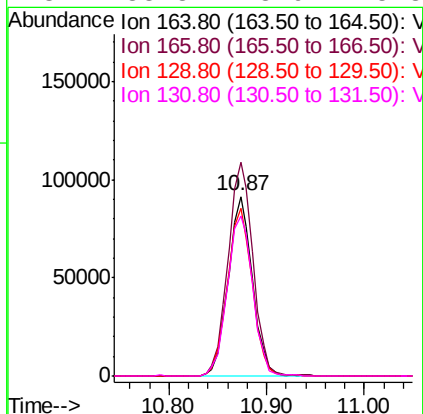
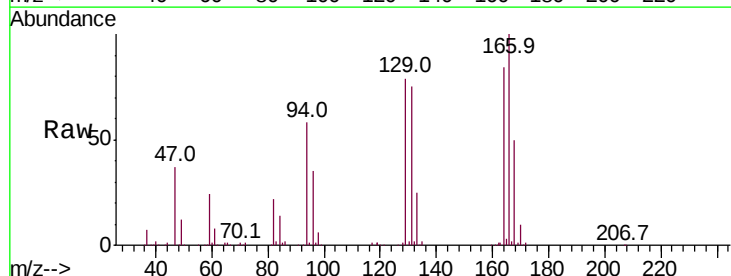
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

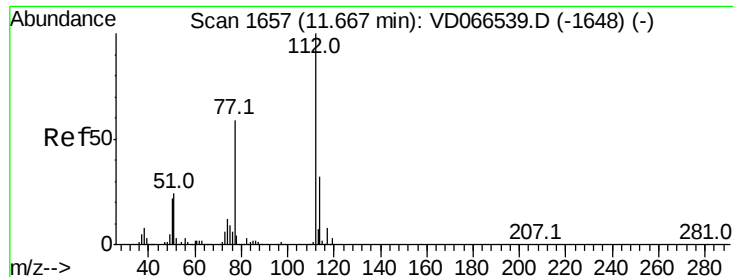
Tot Ion:117 Resp: 526882
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.2
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 44.206 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:164 Resp: 156821
Ion Ratio Lower Upper
164 100
166 118.9 103.2 154.8
129 93.5 84.5 126.7
131 88.8 78.9 118.3

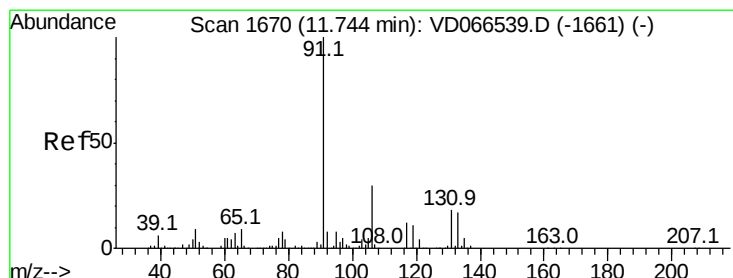
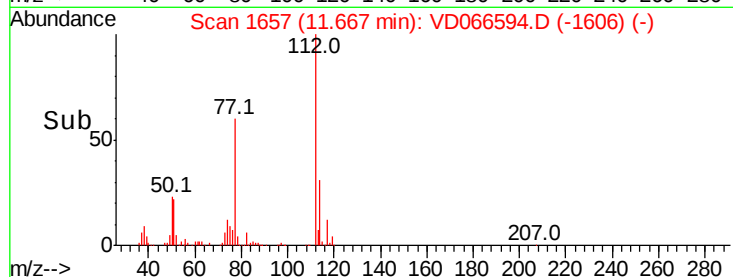
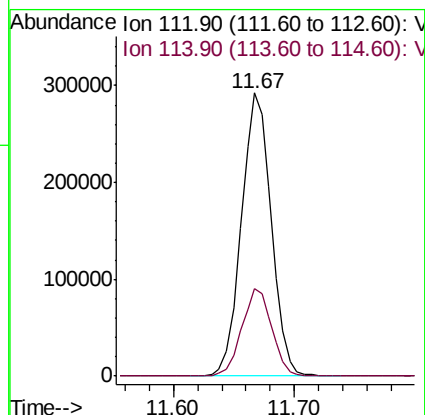
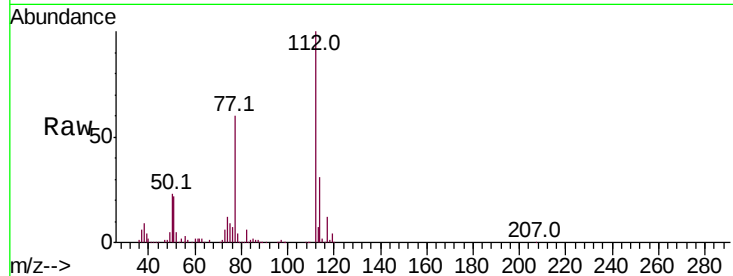




#65
Chlorobenzene
Concen: 46.279 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

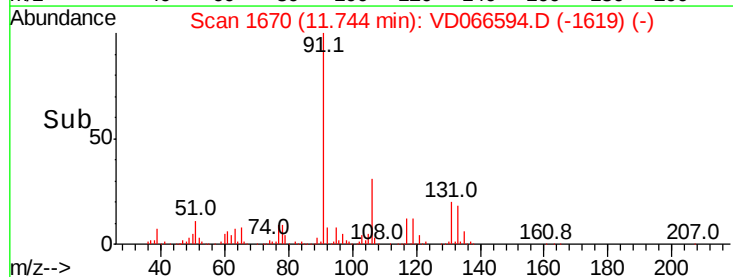
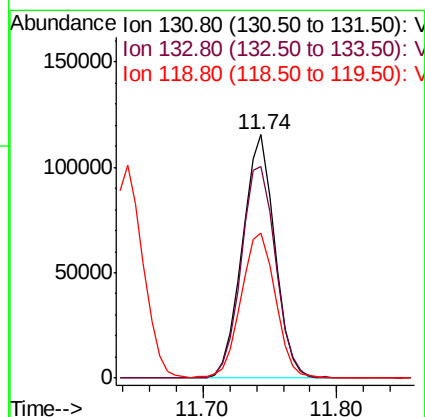
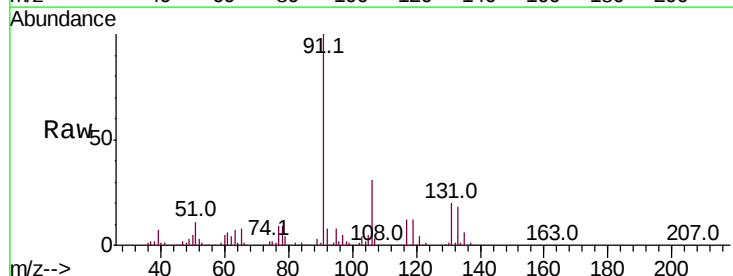
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

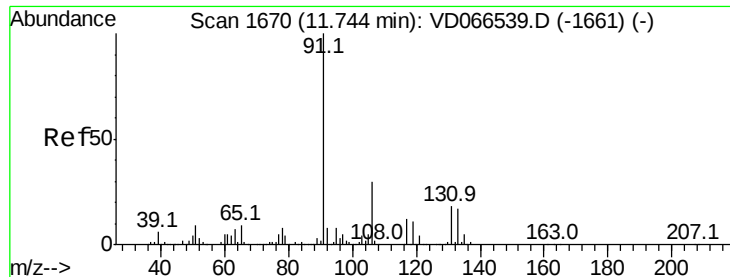
Tot Ion:112 Resp: 503255
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.613 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:131 Resp: 193455
Ion Ratio Lower Upper
131 100
133 92.9 46.7 140.0
119 63.7 31.9 95.7

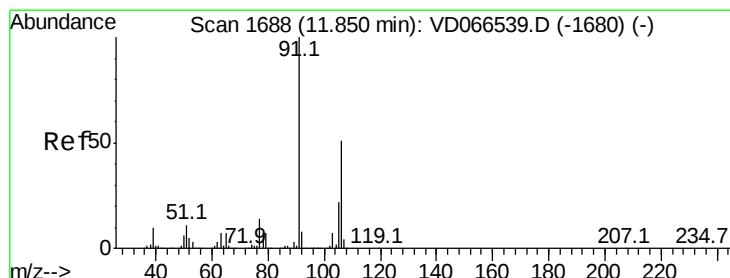
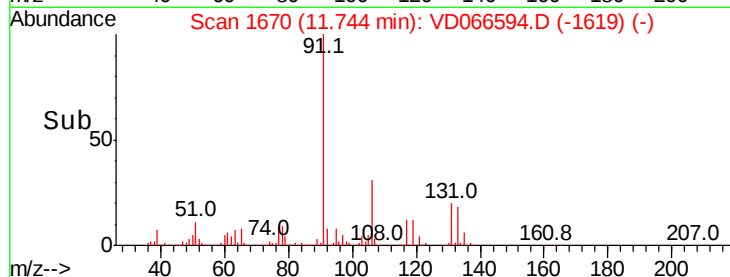
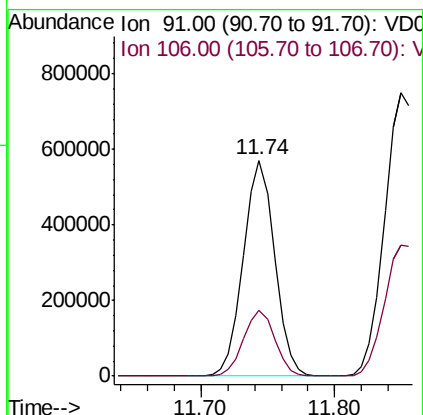
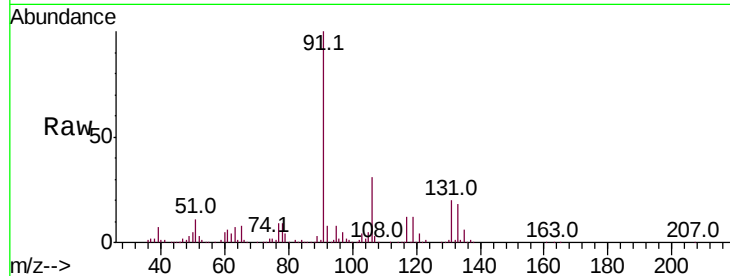




#67
Ethyl Benzene
Concen: 46.355 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

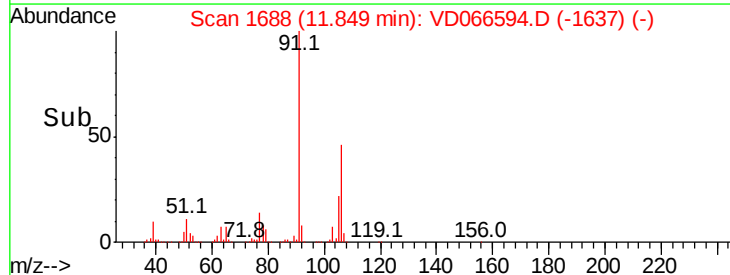
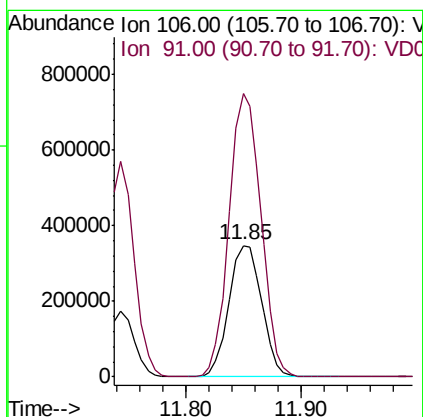
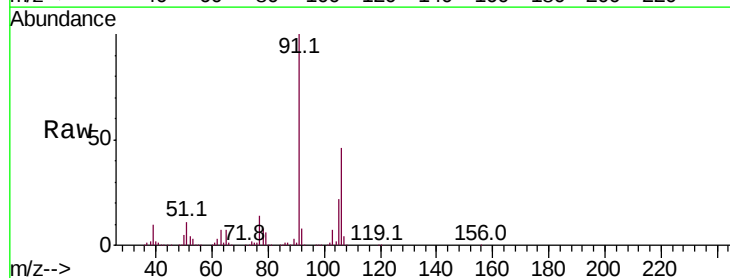
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

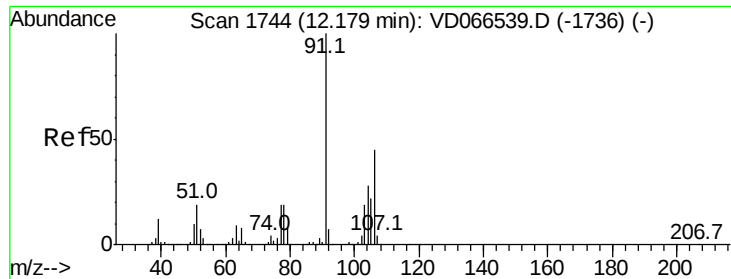
Tot Ion: 91 Resp: 925591
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 92.501 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 106 Resp: 685807
Ion Ratio Lower Upper
106 100
91 209.6 162.4 243.6

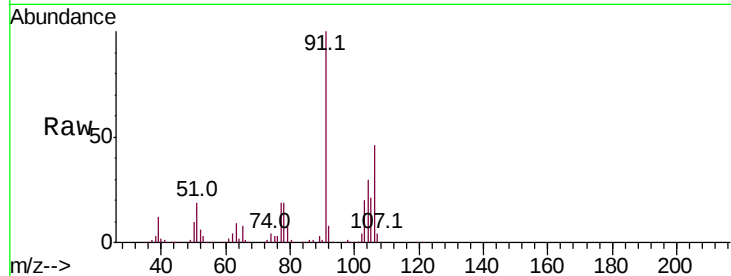




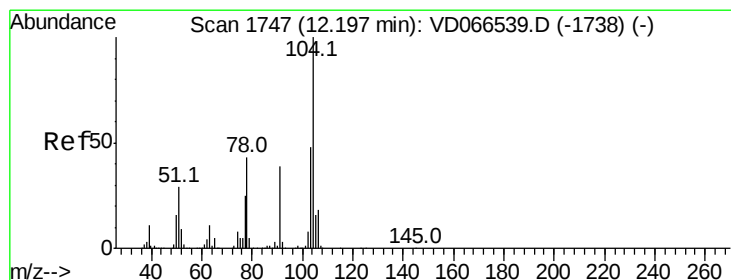
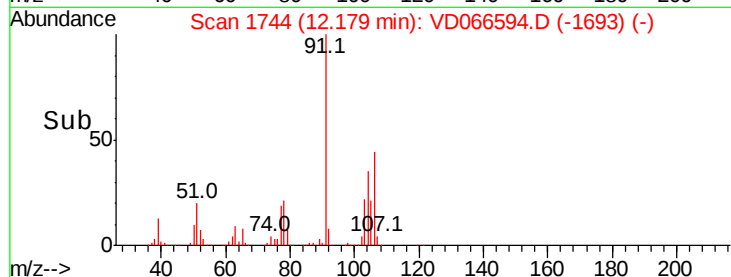
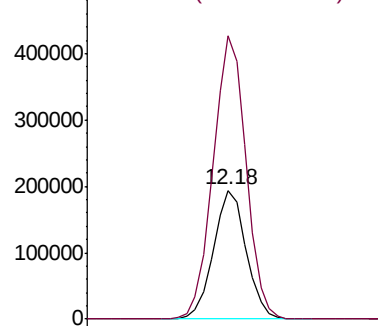
#69
o-Xylene
Concen: 47.113 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 313040
Ion Ratio Lower Upper
106 100
91 222.9 107.9 323.8

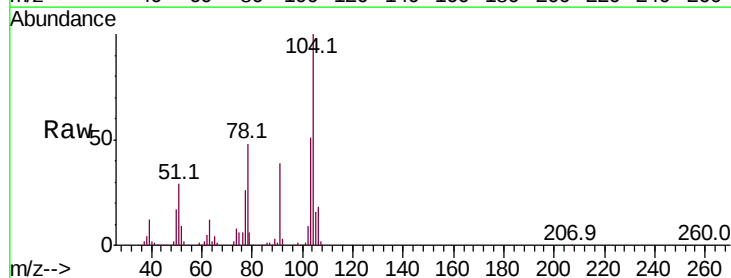


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

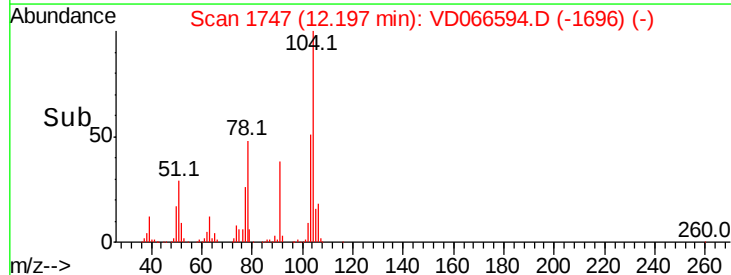
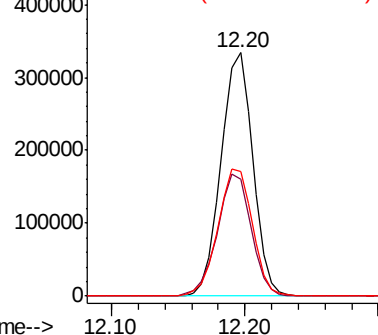


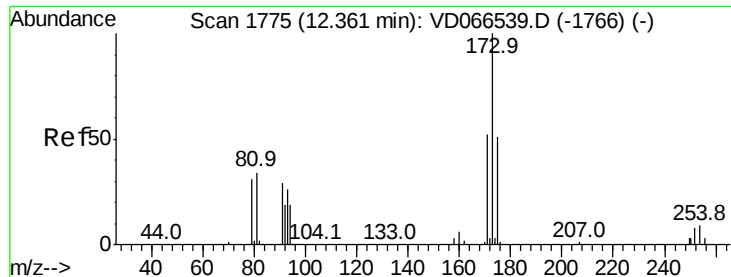
#70
Styrene
Concen: 47.584 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:104 Resp: 549659
Ion Ratio Lower Upper
104 100
78 53.4 40.7 61.1
103 56.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.985 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

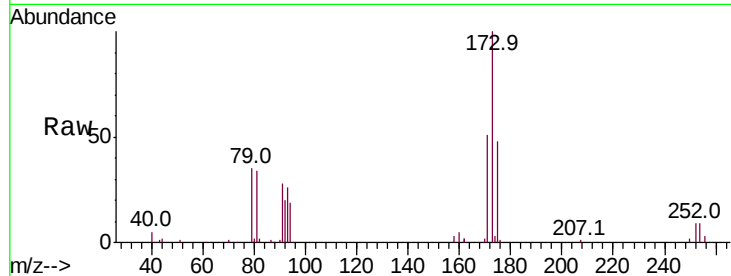
Tot Ion:173 Resp: 98273

Ion Ratio Lower Upper

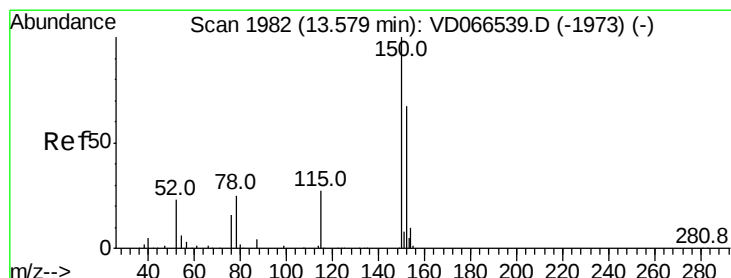
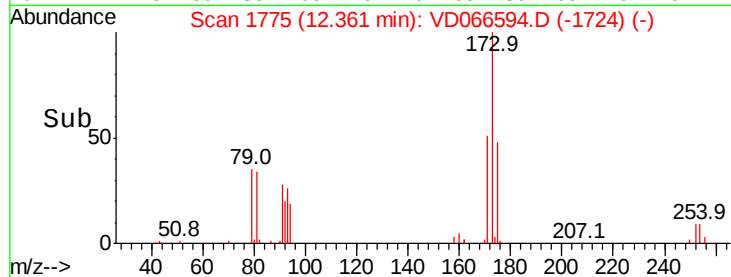
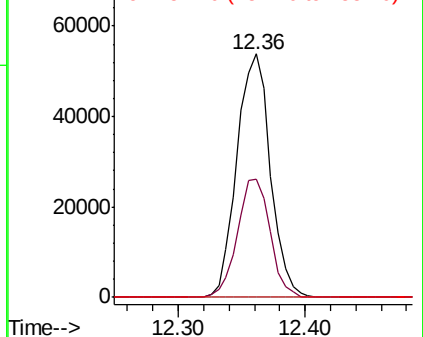
173 100

175 47.4 24.2 72.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

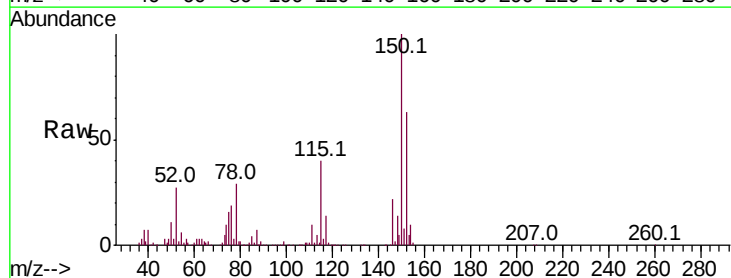
Tgt Ion:152 Resp: 247586

Ion Ratio Lower Upper

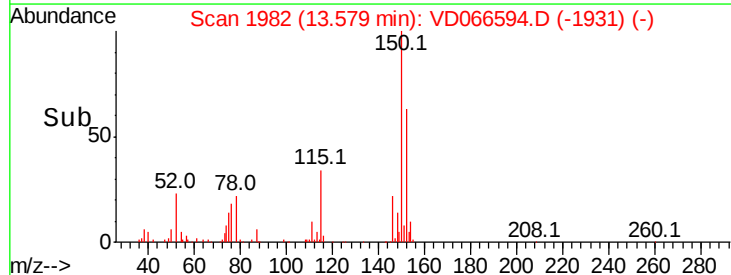
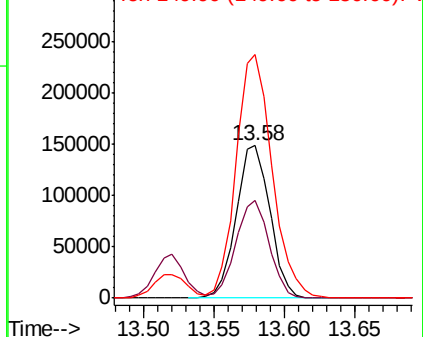
152 100

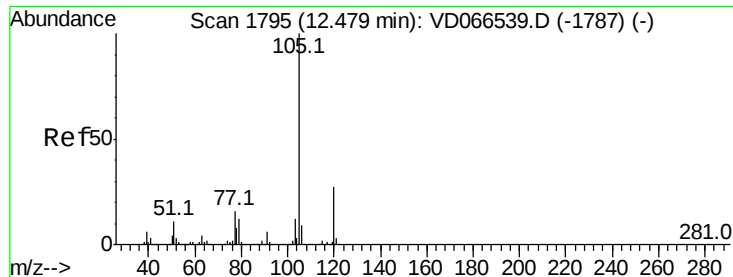
115 63.5 30.4 91.2

150 171.2 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.849 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

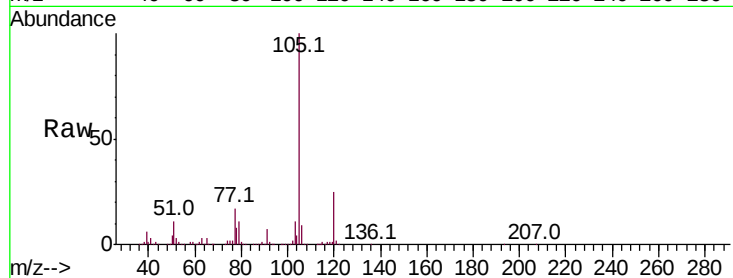
VSTDCCC050EC

Tot Ion:105 Resp: 858793

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

500000

400000

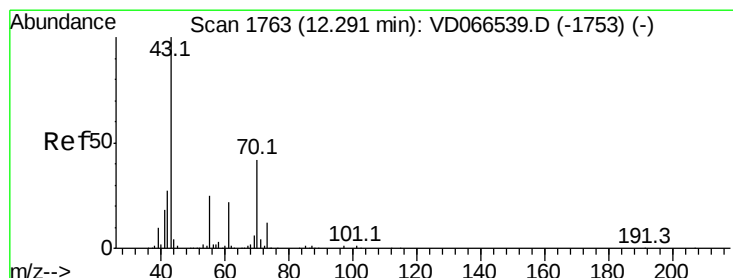
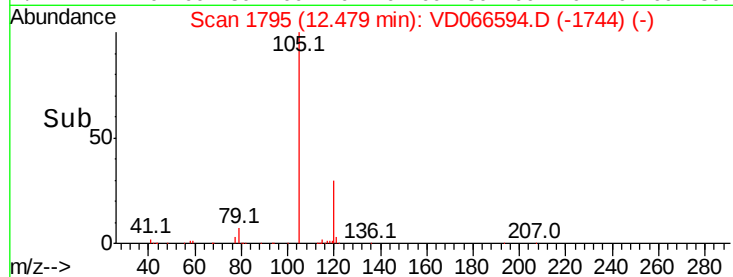
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.416 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion: 43 Resp: 196861

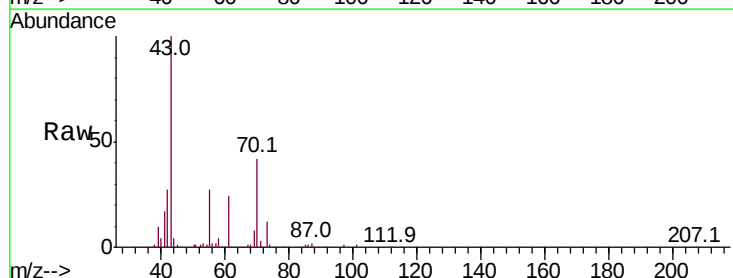
Ion Ratio Lower Upper

43 100

70 39.8 33.4 50.2

55 24.8 20.1 30.1

61 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

12.29

200000

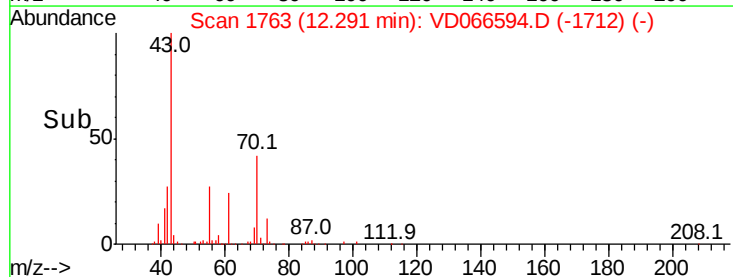
150000

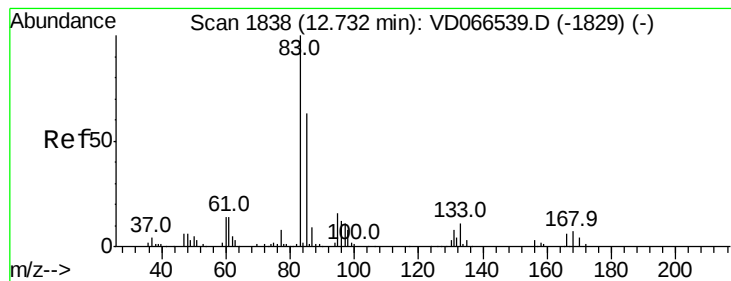
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.590 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

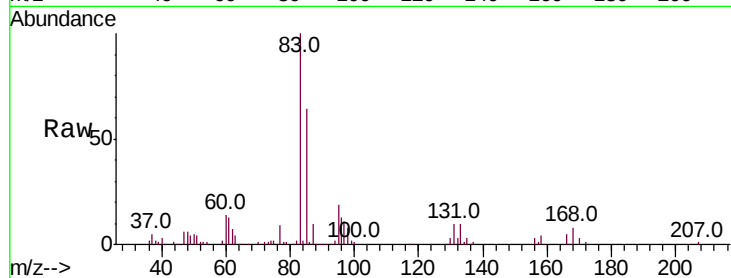
Tot Ion: 83 Resp: 150882

Ion Ratio Lower Upper

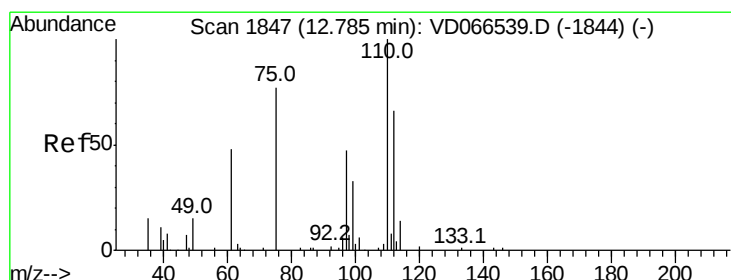
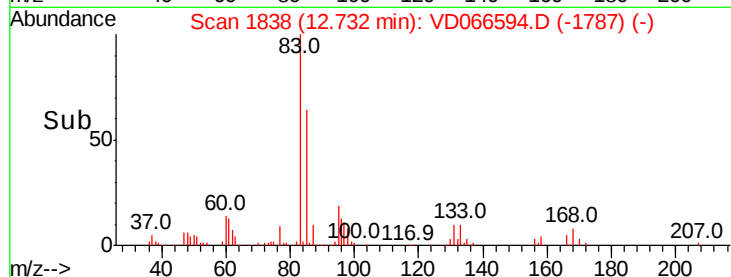
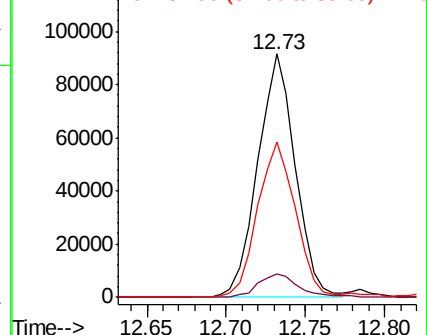
83 100

131 10.7 5.0 15.0

85 64.1 32.1 96.3



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: 85.402 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066594.D

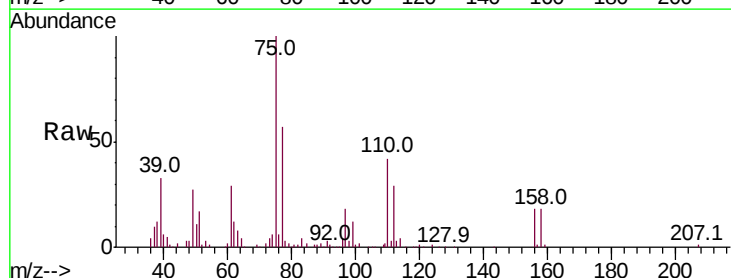
Acq: 09 Sep 2020 20:16

Tgt Ion: 75 Resp: 203351

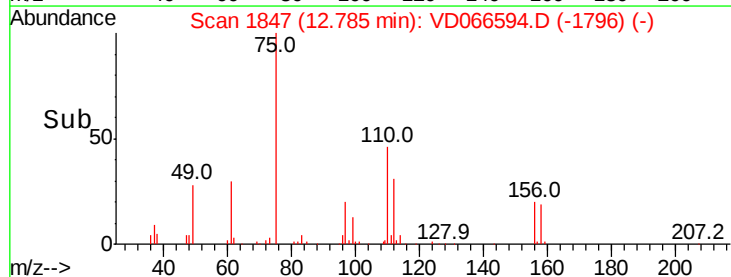
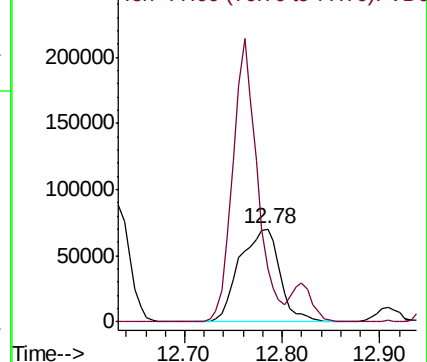
Ion Ratio Lower Upper

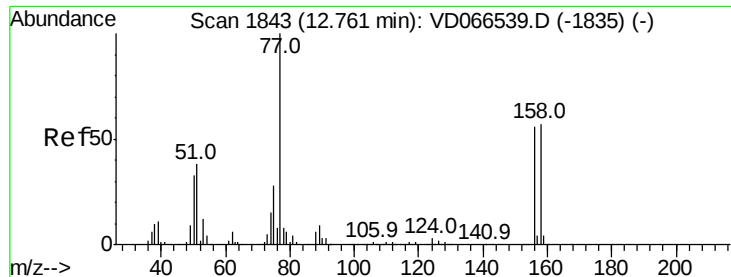
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 47.017 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

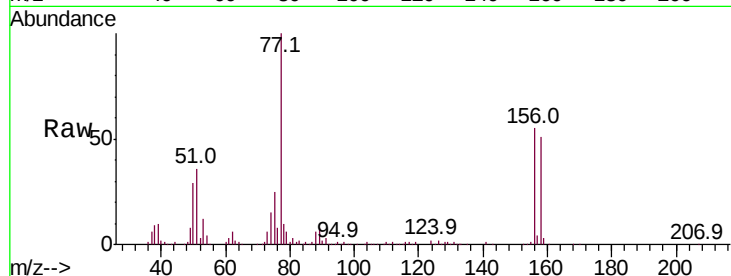
Tot Ion:156 Resp: 192148

Ion Ratio Lower Upper

156 100

77 196.4 98.0 294.1

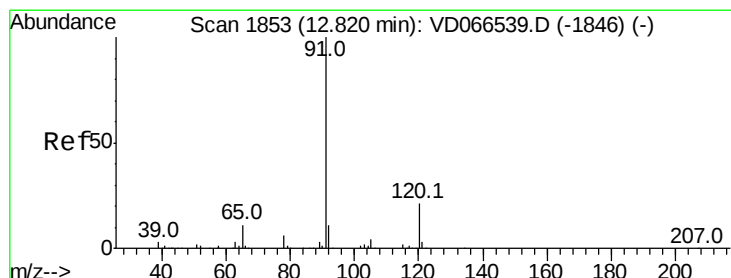
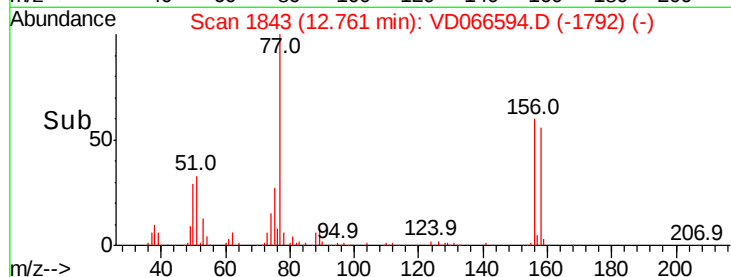
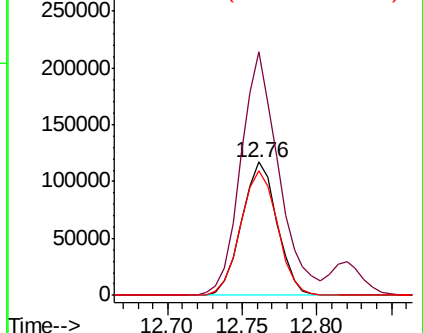
158 97.2 48.1 144.3



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: 46.816 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066594.D

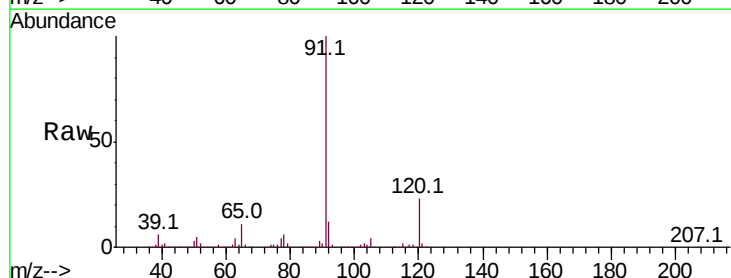
Acq: 09 Sep 2020 20:16

Tgt Ion: 91 Resp: 1040343

Ion Ratio Lower Upper

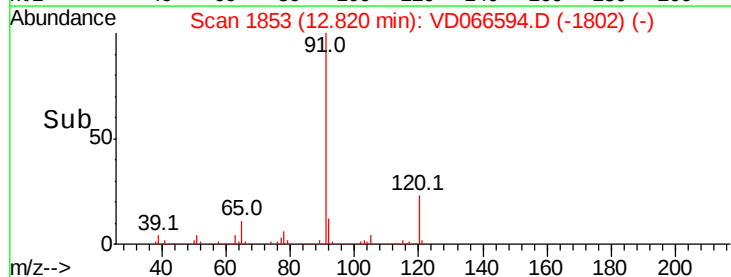
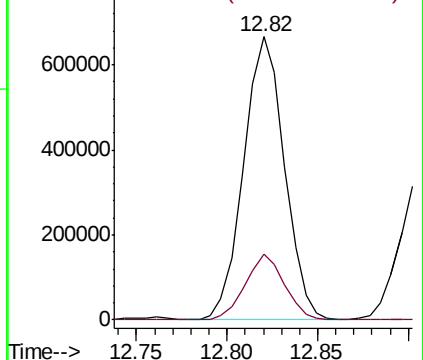
91 100

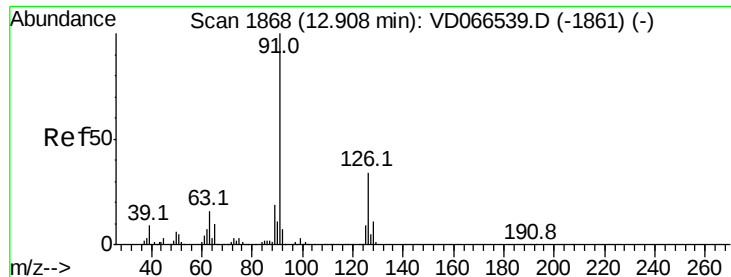
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.861 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

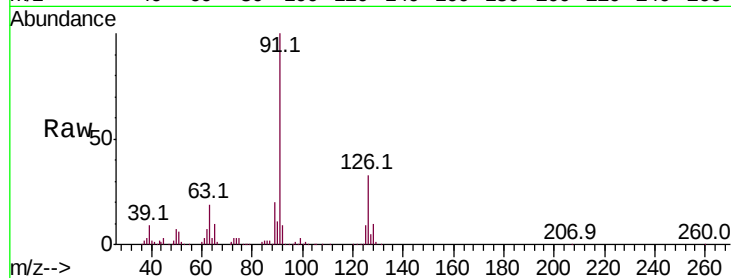
VSTDCCC050EC

Tot Ion: 91 Resp: 596659

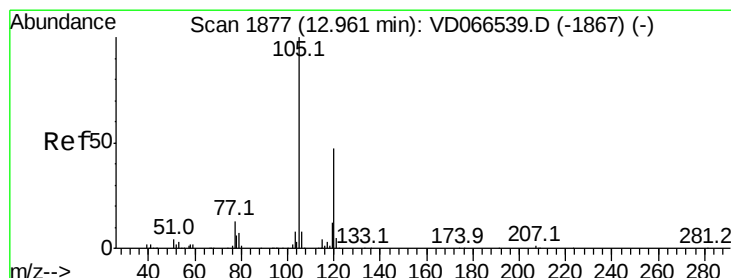
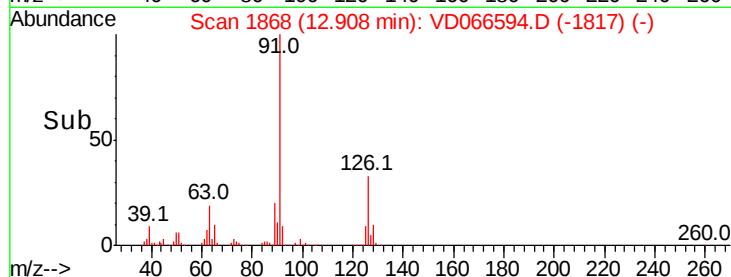
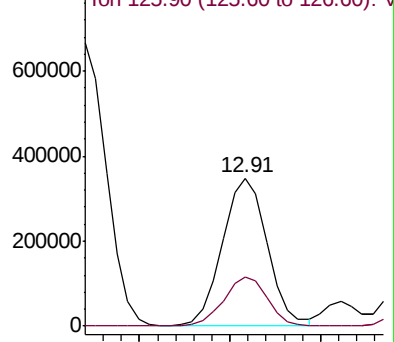
Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 47.936 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066594.D

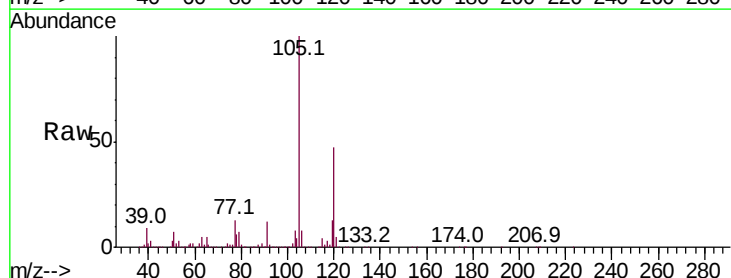
Acq: 09 Sep 2020 20:16

Tgt Ion:105 Resp: 739581

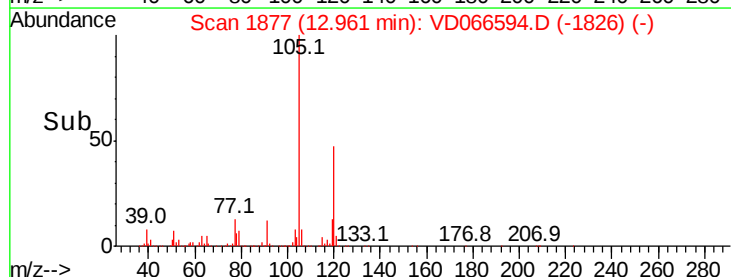
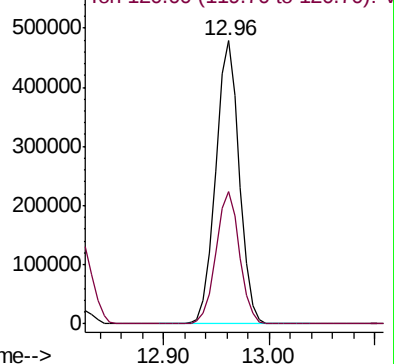
Ion Ratio Lower Upper

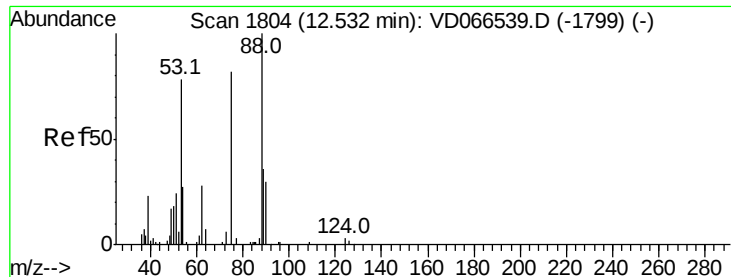
105 100

120 47.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.568 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

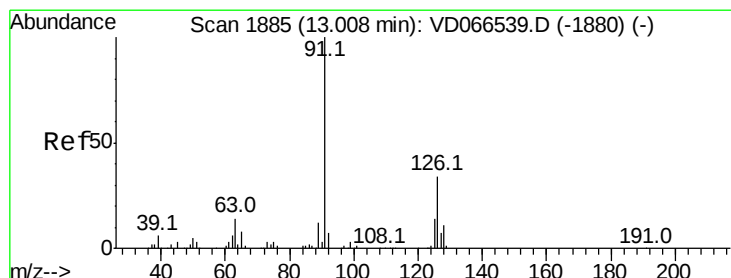
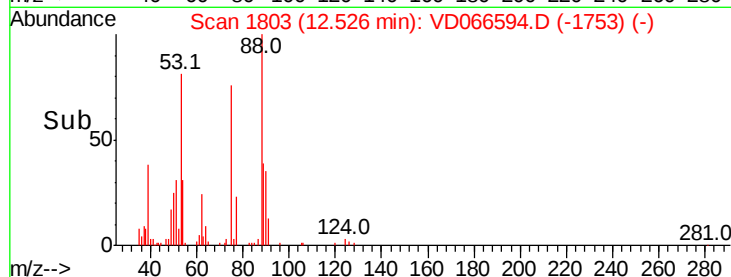
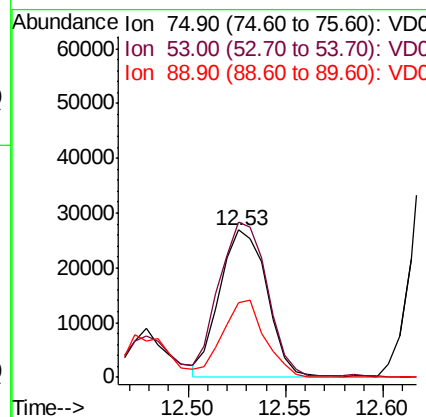
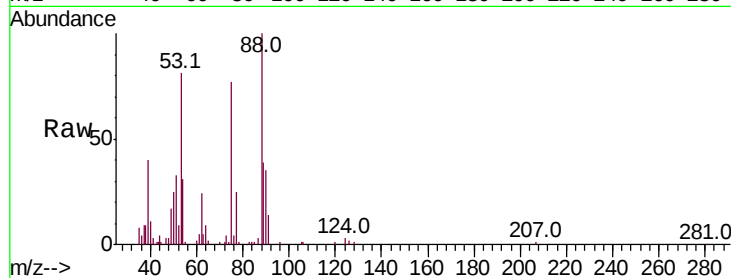
Tot Ion: 75 Resp: 45455

Ion Ratio Lower Upper

75 100

53 105.6 87.0 130.4

89 47.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 46.908 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066594.D

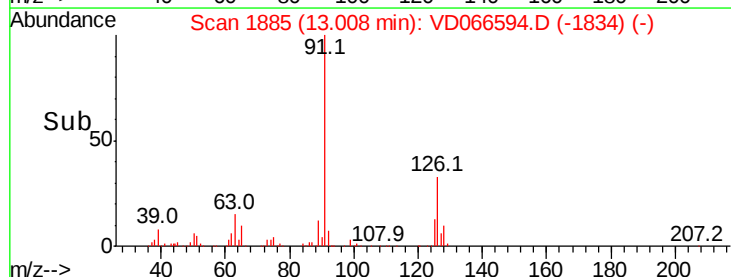
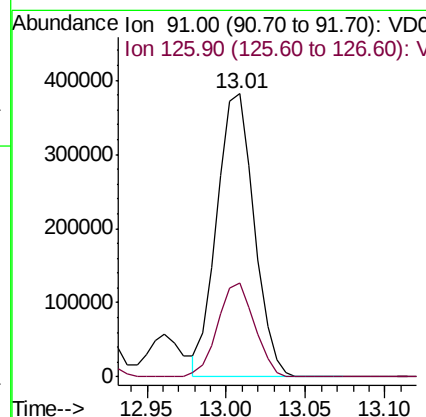
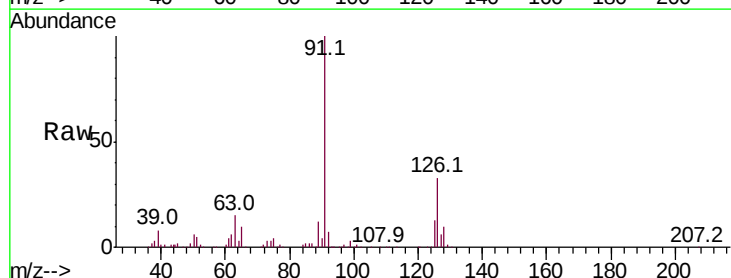
Acq: 09 Sep 2020 20:16

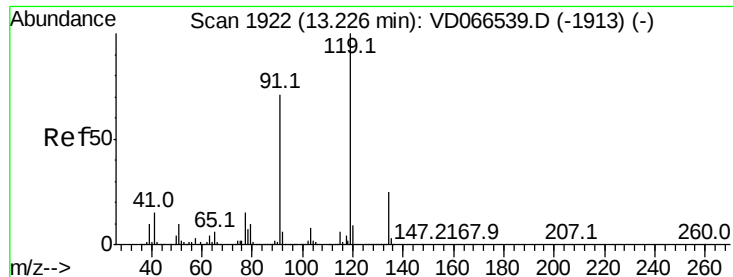
Tgt Ion: 91 Resp: 625331

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1

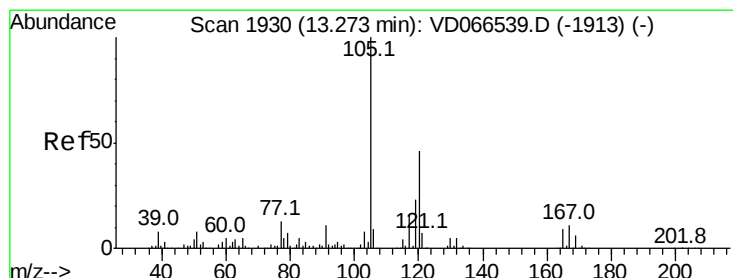
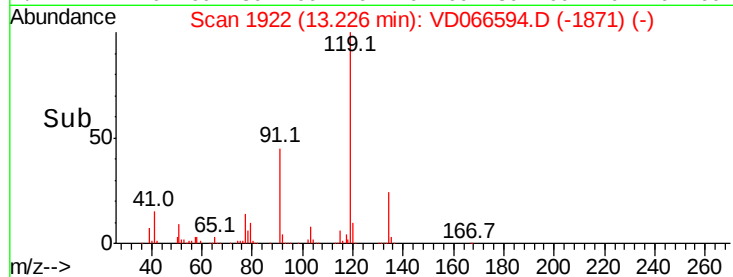
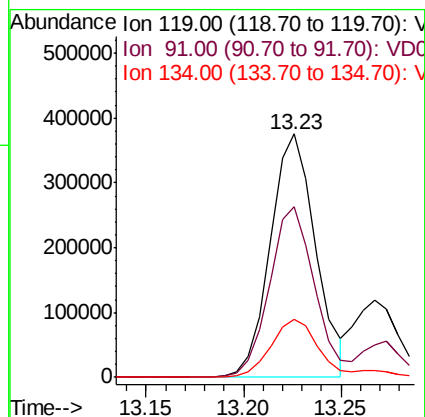
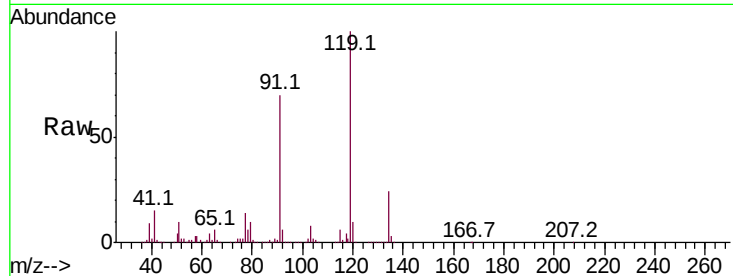




#83
tert-Butylbenzene
Concen: 47.932 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

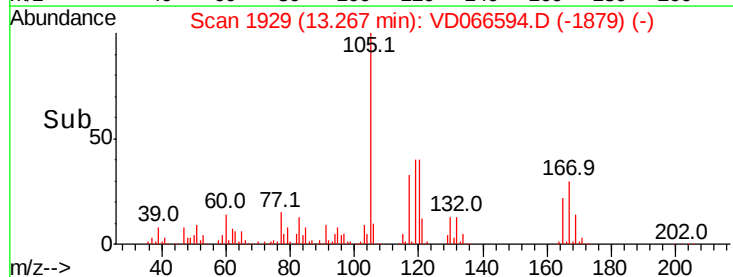
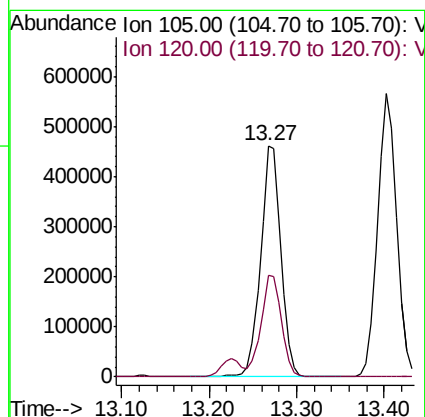
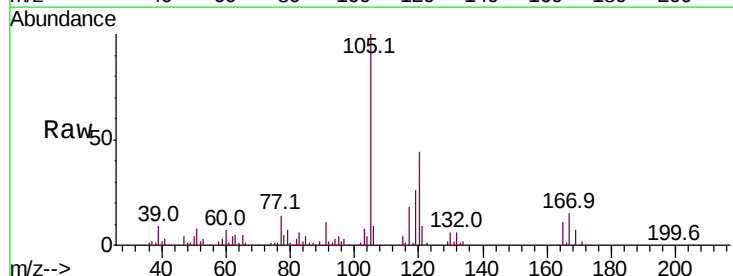
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

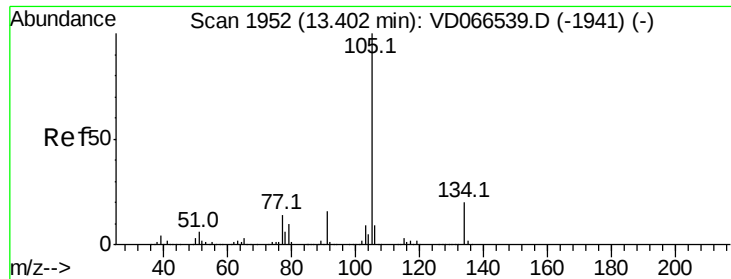
Tot Ion:119 Resp: 603900
Ion Ratio Lower Upper
119 100
91 70.3 35.2 105.6
134 24.7 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 47.698 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:105 Resp: 732684
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 47.335 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

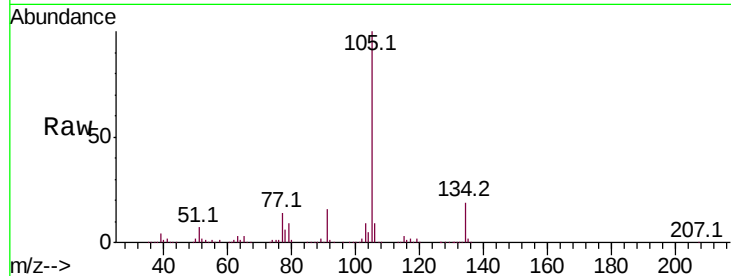
VSTDCCC050EC

Tot Ion:105 Resp: 859228

Ion Ratio Lower Upper

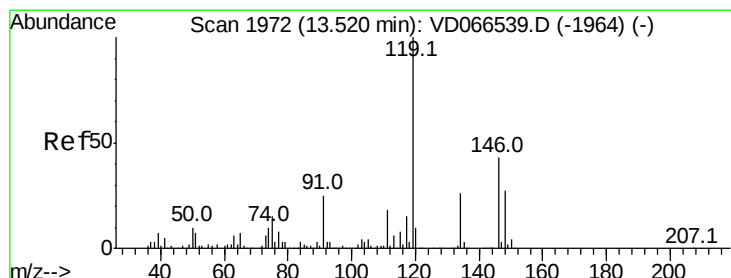
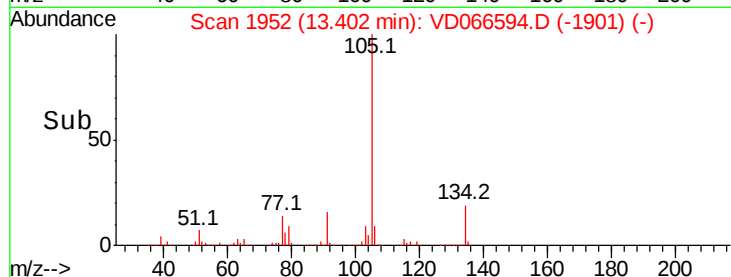
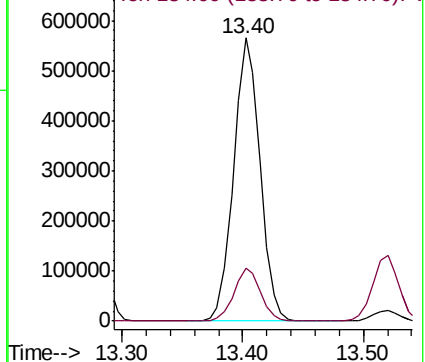
105 100

134 18.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.355 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

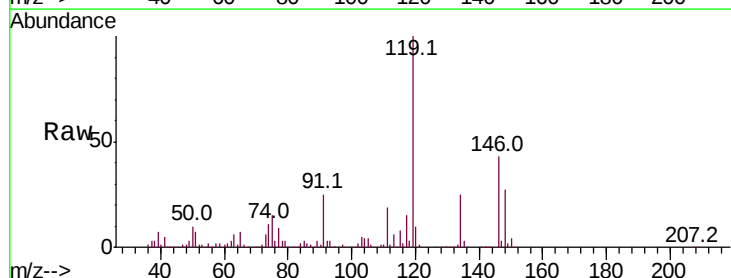
Tgt Ion:119 Resp: 773697

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

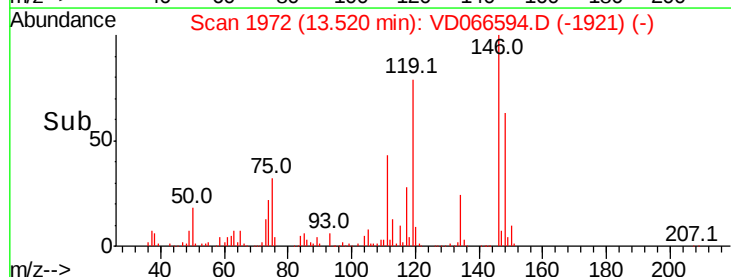
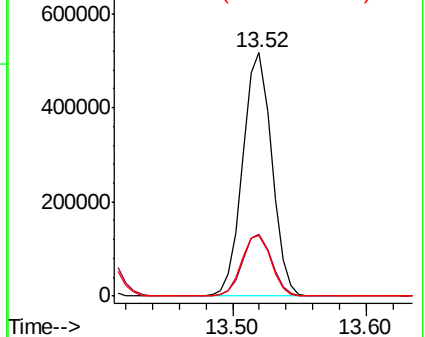
91 25.4 12.5 37.5

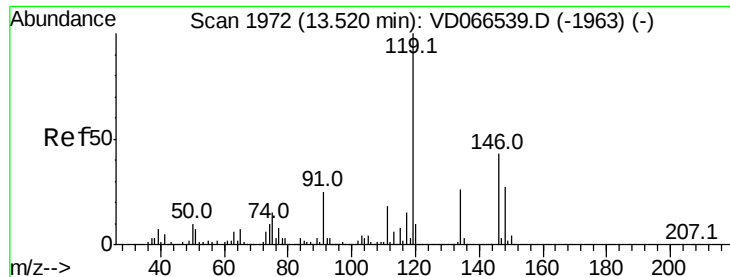


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.865 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

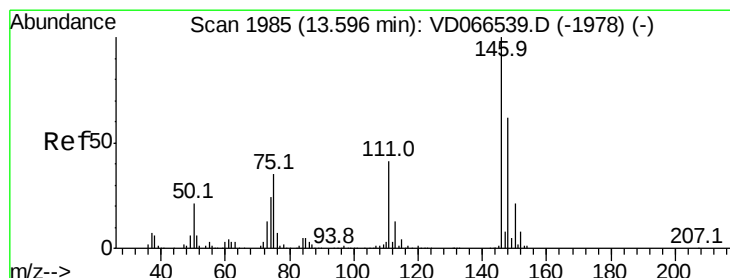
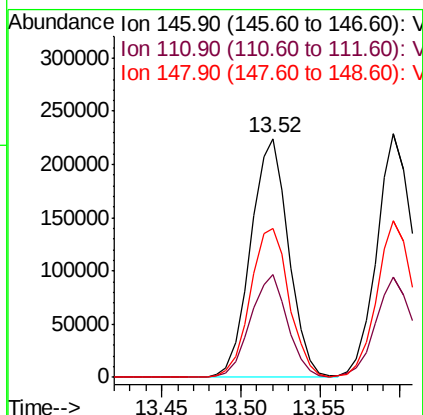
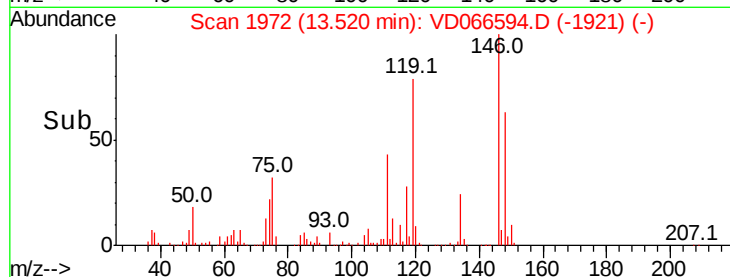
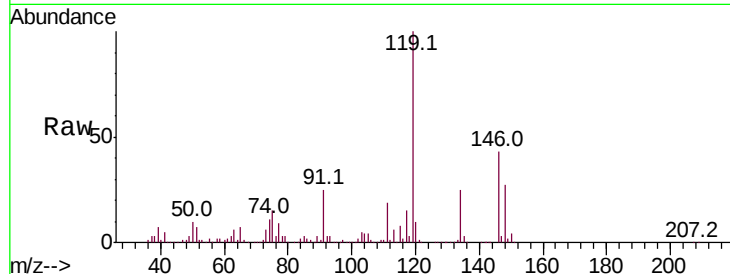
Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 372121

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	64.0	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 44.653 ug/l

RT: 13.60 min Scan# 1985

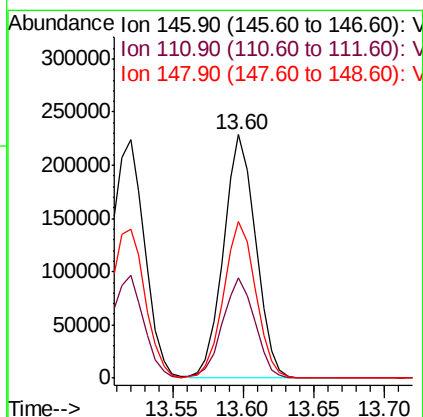
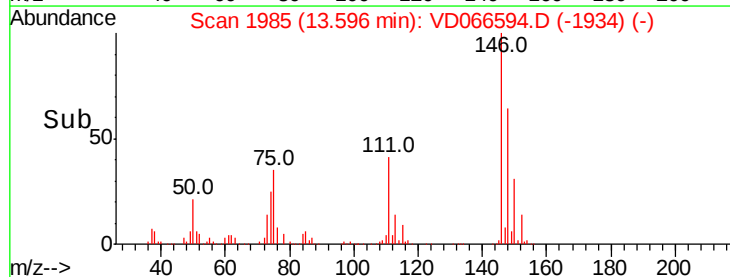
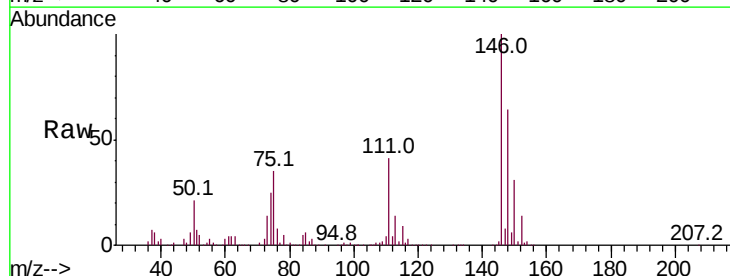
Delta R.T. -0.00 min

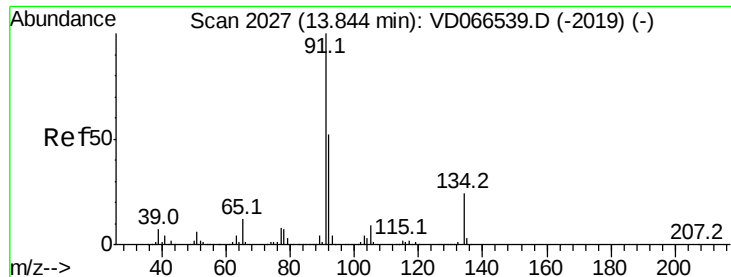
Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:146 Resp: 363619

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.2
148	64.2	31.6	94.8

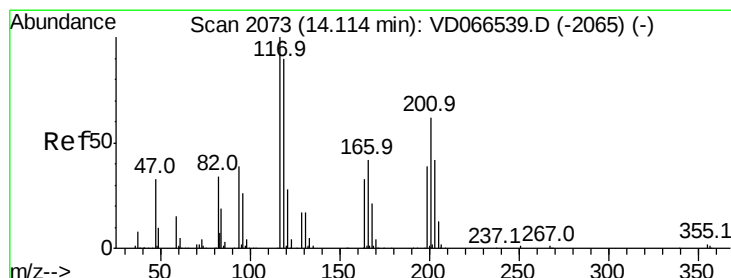
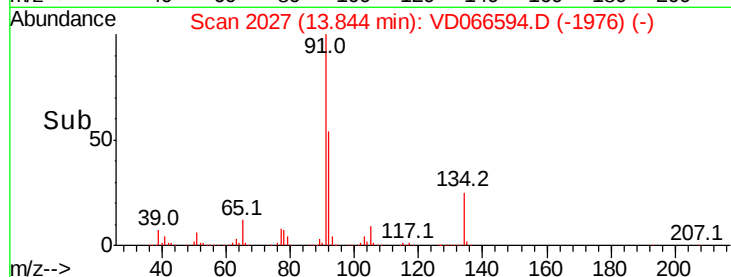
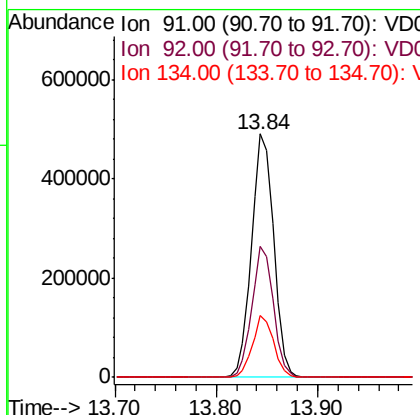
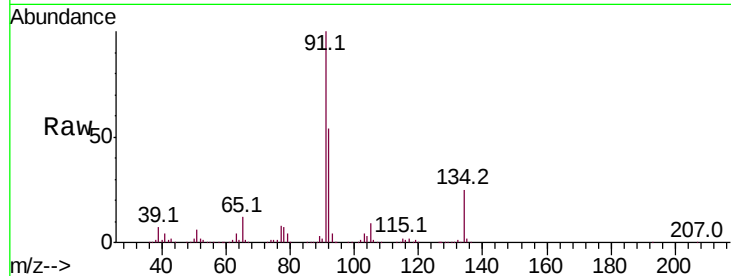




#89
n-Butylbenzene
Concen: 46.836 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

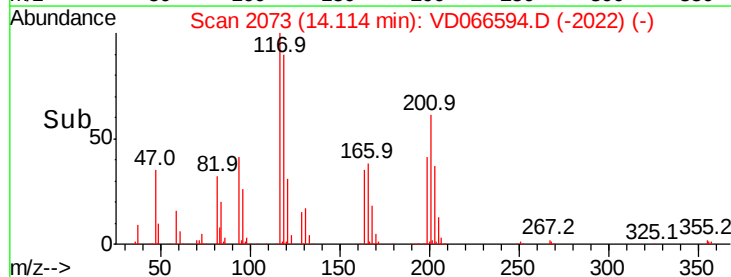
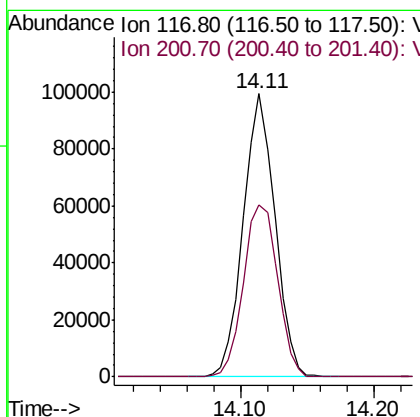
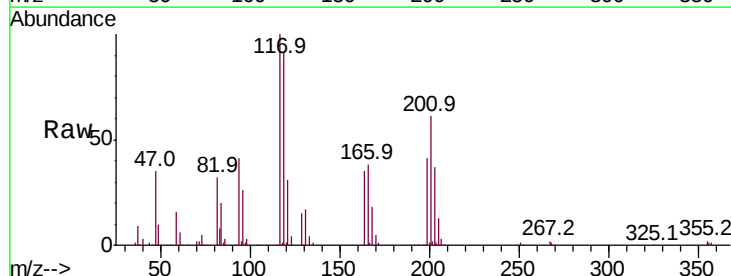
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

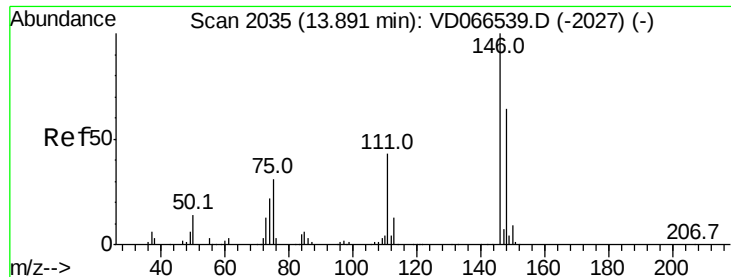
Tot Ion: 91 Resp: 745683
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 46.319 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 117 Resp: 163057
Ion Ratio Lower Upper
117 100
201 65.7 31.9 95.5

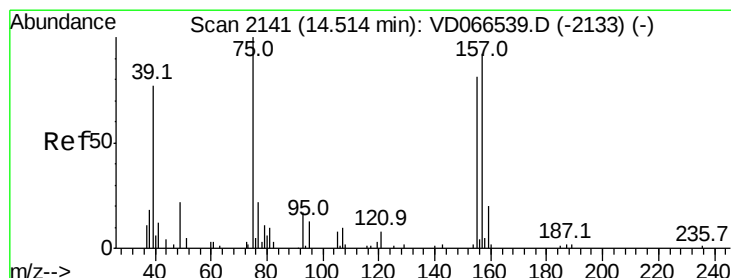
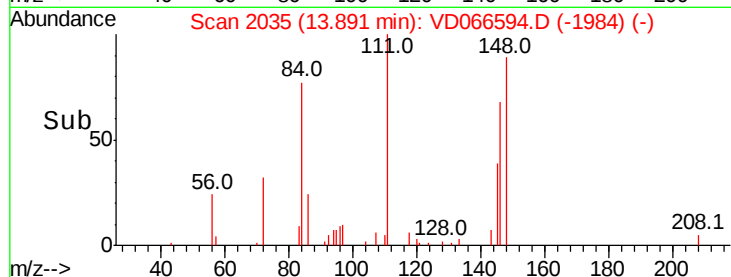
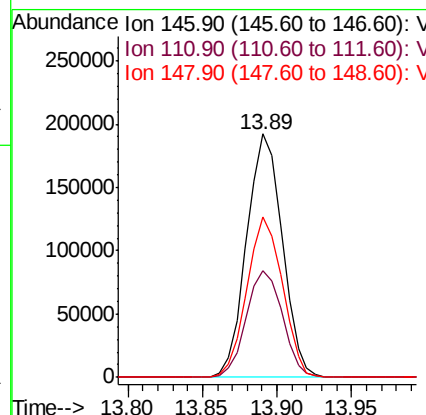
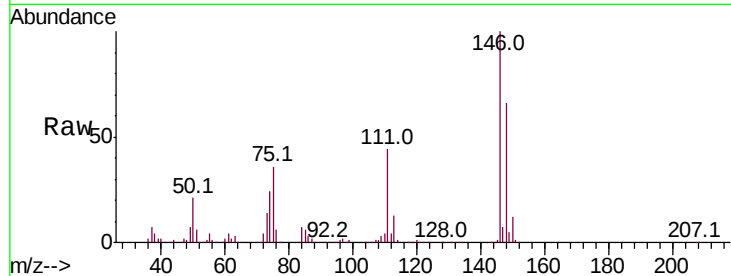




#91
 1,2-Dichlorobenzene
 Concen: 44.924 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

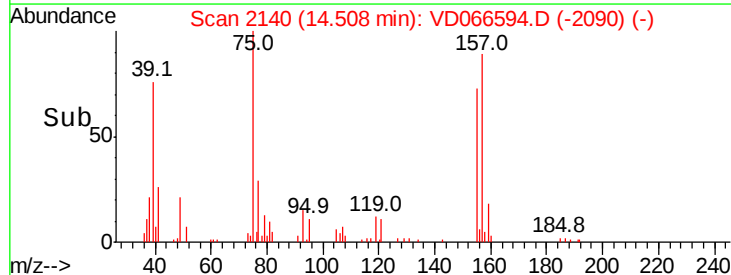
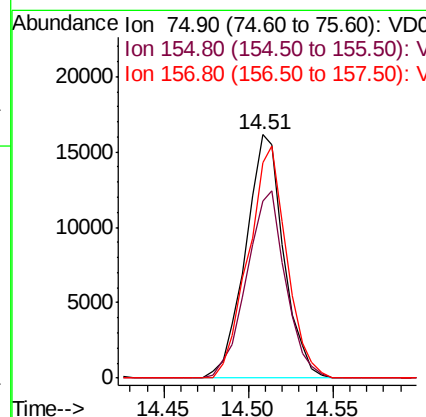
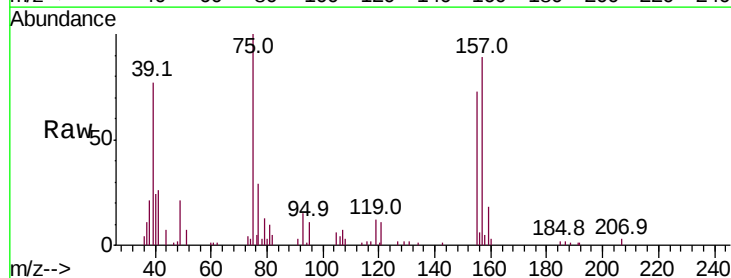
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

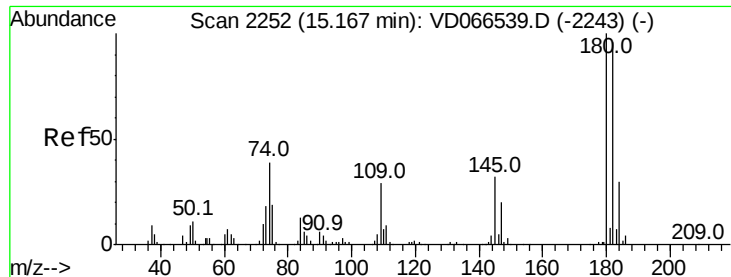
Tot Ion:146 Resp: 318580
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.1 63.4
 148 65.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.155 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 75 Resp: 25391
 Ion Ratio Lower Upper
 75 100
 155 78.4 39.3 117.8
 157 96.0 46.0 137.8

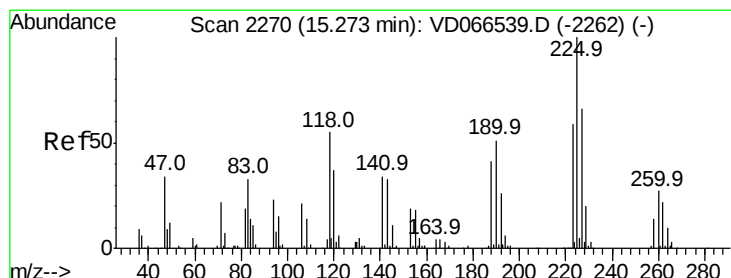
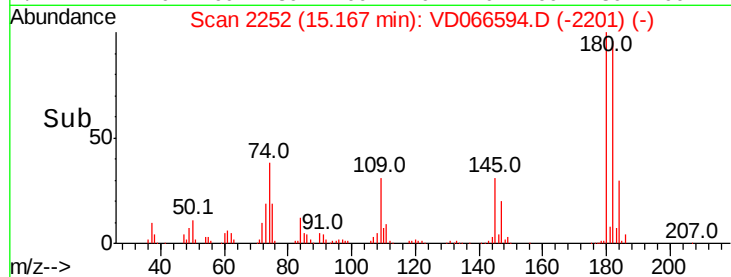
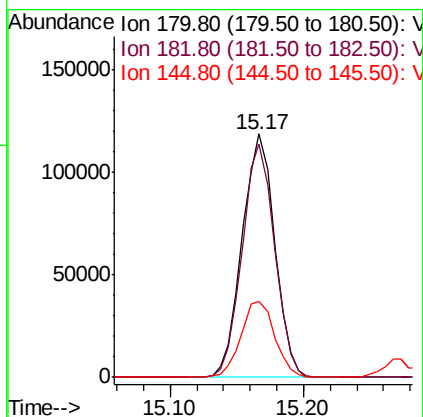
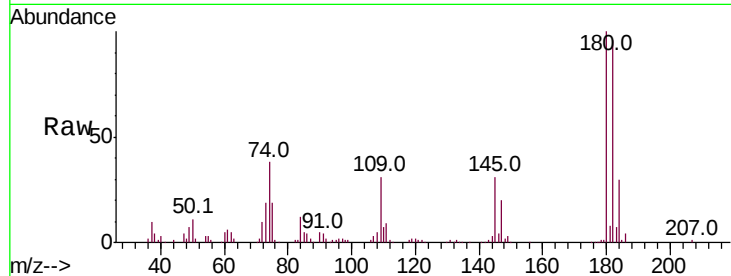




#93
1,2,4-Trichlorobenzene
Concen: 46.982 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

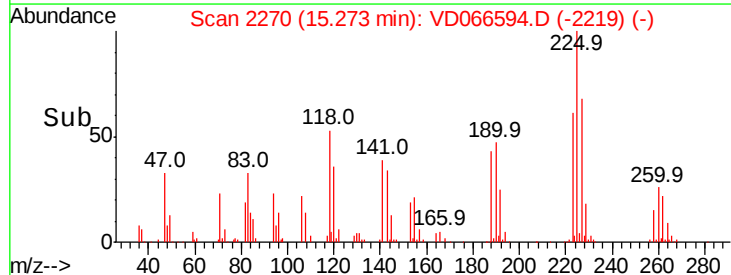
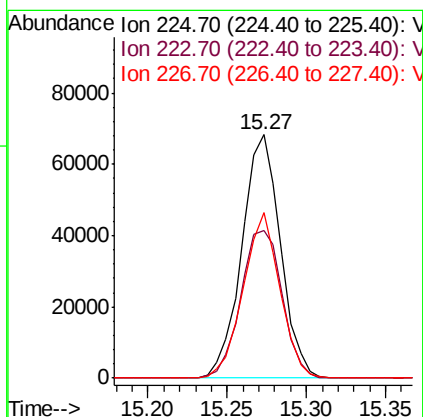
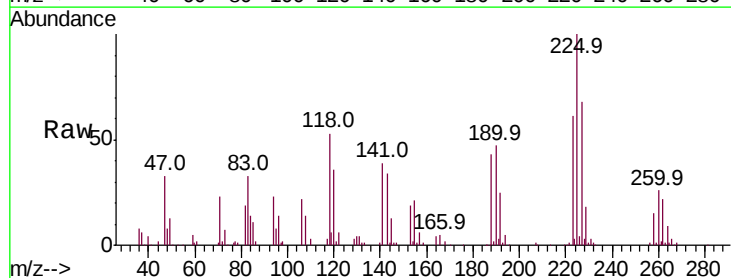
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

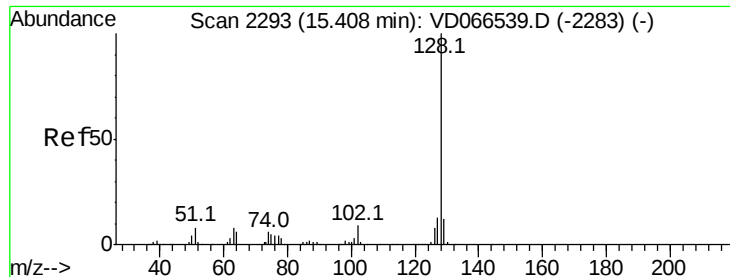
Tot Ion:180 Resp: 199955
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 32.4 16.7 50.0



#94
Hexachlorobutadiene
Concen: 45.126 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:225 Resp: 115381
Ion Ratio Lower Upper
225 100
223 65.4 30.5 91.5
227 64.7 32.4 97.2

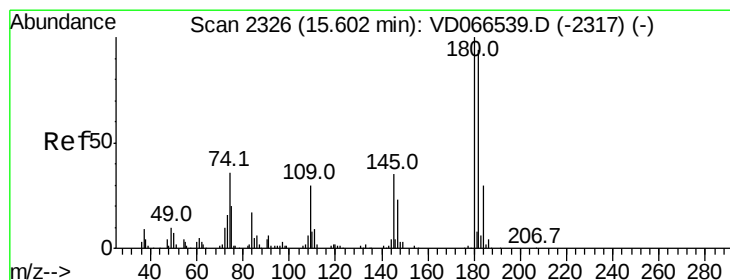
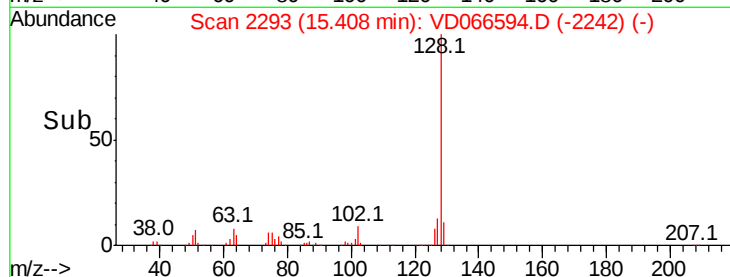
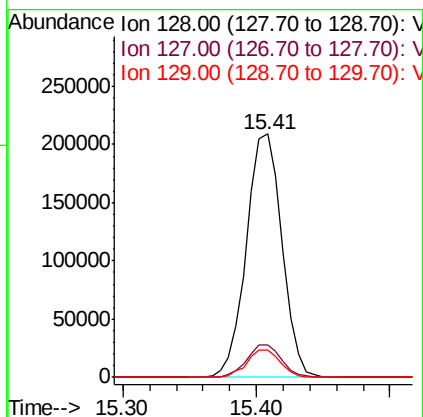
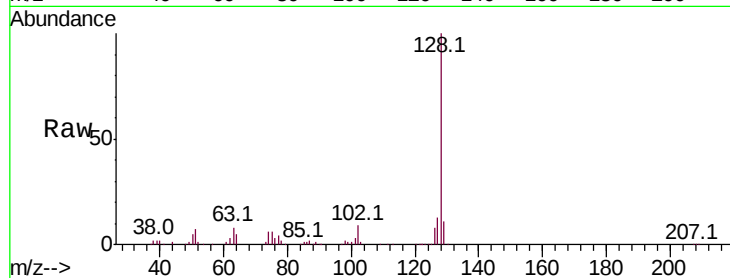




#95
Naphthalene
Concen: 51.662 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 384214
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 49.131 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion:180 Resp: 178273
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 34.9 17.3 51.7

