

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066429.D
 Acq On : 27 Aug 2020 11:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 27 17:59:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	181487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	240854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102080	57.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.74%	
35) Dibromofluoromethane	7.91	113	79764	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.34	98	301182	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.63	95	106176	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	73359	47.546	ug/l	99
3) Chloromethane	2.21	50	45020	41.164	ug/l	98
4) Vinyl Chloride	2.35	62	56321	47.964	ug/l	95
5) Bromomethane	2.76	94	48352	55.052	ug/l	100
6) Chloroethane	2.91	64	36646	48.738	ug/l	97
7) Trichlorofluoromethane	3.27	101	170687	53.455	ug/l	98
8) Diethyl Ether	3.70	74	33870	47.342	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	76414	48.492	ug/l	95
10) Methyl Iodide	4.30	142	75456	41.984	ug/l	90
11) Tert butyl alcohol	5.23	59	33301	342.795	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	68902	46.581	ug/l	97
13) Acrolein	3.91	56	16639	210.589	ug/l	99
14) Allyl chloride	4.71	41	85831	43.474	ug/l	87
15) Acrylonitrile	5.42	53	64886	226.047	ug/l	96
16) Acetone	4.16	43	90885	283.327	ug/l	94
17) Carbon Disulfide	4.40	76	202353	45.140	ug/l	100
18) Methyl Acetate	4.71	43	26119	43.383	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	181385	50.926	ug/l	95
20) Methylene Chloride	4.97	84	77176	44.301	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	81827	47.523	ug/l	96
22) Diisopropyl ether	6.36	45	165673	43.341	ug/l	95
23) Vinyl Acetate	6.30	43	550202	232.506	ug/l	98
24) 1,1-Dichloroethane	6.26	63	126619	46.873	ug/l	99
25) 2-Butanone	7.21	43	85367	234.420	ug/l	96
26) 2,2-Dichloropropane	7.20	77	156613	54.093	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	88274	47.846	ug/l	99
28) Bromochloromethane	7.54	49	42833	46.033	ug/l	91
29) Tetrahydrofuran	7.56	42	44844	216.806	ug/l	92
30) Chloroform	7.71	83	155224	49.665	ug/l	99
31) Cyclohexane	7.98	56	101016	40.888	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	172332	53.875	ug/l	99
36) 1,1-Dichloropropene	8.11	75	114264	51.994	ug/l	99
37) Ethyl Acetate	7.29	43	38265	51.194	ug/l #	94
38) Carbon Tetrachloride	8.09	117	170948	59.706	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	135131	52.199	ug/l	96
40) Benzene	8.34	78	293250	50.724	ug/l	99
41) Methacrylonitrile	7.56	41	54442	118.111	ug/l #	99
42) 1,2-Dichloroethane	8.42	62	114386	56.177	ug/l	99
43) Isopropyl Acetate	8.45	43	77098	51.390	ug/l	97
44) Trichloroethene	9.11	130	96141	51.178	ug/l	89
45) 1,2-Dichloropropane	9.38	63	59519	45.412	ug/l	97
46) Dibromomethane	9.47	93	42029	51.504	ug/l	99
47) Bromodichloromethane	9.66	83	123860	55.192	ug/l	98
48) Methyl methacrylate	9.45	41	36752	47.506	ug/l #	90
49) 1,4-Dioxane	9.46	88	9768	1030.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	181964	250.723	ug/l	99
52) Toluene	10.40	92	206747	52.784	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	116104	54.524	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	123479	51.661	ug/l	90
55) 1,1,2-Trichloroethane	10.80	97	53759	48.663	ug/l	92
56) Ethyl methacrylate	10.66	69	66508	52.006	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	93070	50.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	134118	252.507	ug/l	94
59) 2-Hexanone	10.98	43	136302	266.255	ug/l	98
60) Dibromochloromethane	11.14	129	88500	53.147	ug/l	99
61) 1,2-Dibromoethane	11.24	107	54617	50.238	ug/l	99
64) Tetrachloroethene	10.87	164	88690	53.131	ug/l	93
65) Chlorobenzene	11.67	112	225103	51.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	94183	52.643	ug/l	98
67) Ethyl Benzene	11.74	91	412630	53.546	ug/l	98
68) m/p-Xylenes	11.85	106	316671	107.813	ug/l	98
69) o-Xylene	12.18	106	145354	53.195	ug/l	98
70) Styrene	12.20	104	248739	53.016	ug/l	98
71) Bromoform	12.36	173	53496	52.704	ug/l #	99
73) Isopropylbenzene	12.48	105	419450	53.597	ug/l	99
74) N-amyl acetate	12.28	43	71070	50.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	51984	46.499	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	82916	100.888	ug/l #	1
77) Bromobenzene	12.76	156	106091	53.411	ug/l	96
78) n-propylbenzene	12.82	91	465961	51.928	ug/l	98
79) 2-Chlorotoluene	12.91	91	264975	51.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	366609	54.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18701	48.300	ug/l #	82
82) 4-Chlorotoluene	13.00	91	279976	51.563	ug/l	98
83) tert-Butylbenzene	13.23	119	315993	53.840	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	362997	54.694	ug/l	98
85) sec-Butylbenzene	13.40	105	413444	53.766	ug/l	98
86) p-Isopropyltoluene	13.52	119	406915	54.879	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	191906	51.757	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	191869	51.537	ug/l	99
89) n-Butylbenzene	13.84	91	346086	52.894	ug/l	98
90) Hexachloroethane	14.11	117	74454	50.832	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	165945	51.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12899	55.012	ug/l	88

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QLast Update : Fri Aug 21 13:36:12 2020
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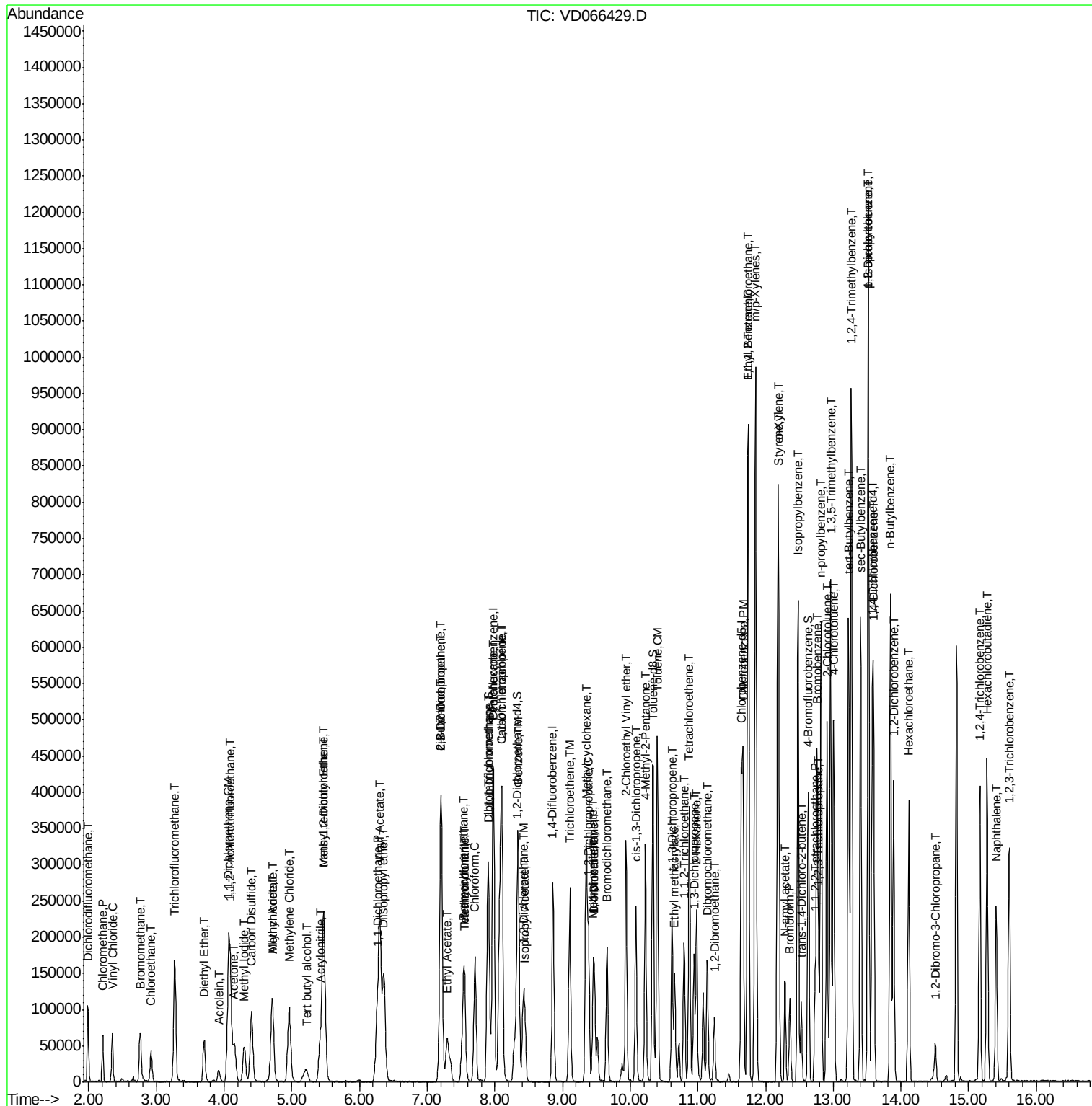
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	130907	52.533	ug/l	98
94) Hexachlorobutadiene	15.27	225	85811	55.413	ug/l	99
95) Naphthalene	15.41	128	214819	54.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	115609	54.158	ug/l	99

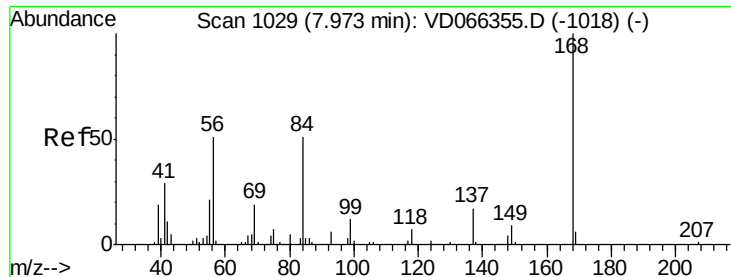
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

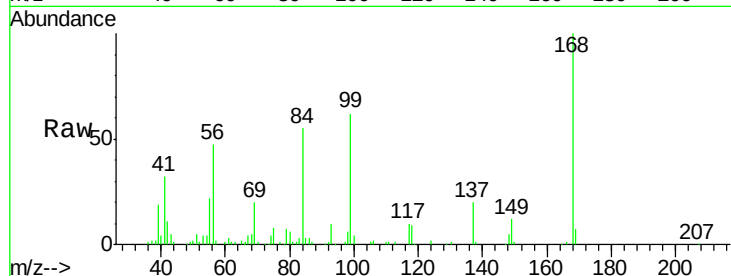
VSTDCCC050

Tgt Ion:168 Resp: 181487

Ion Ratio Lower Upper

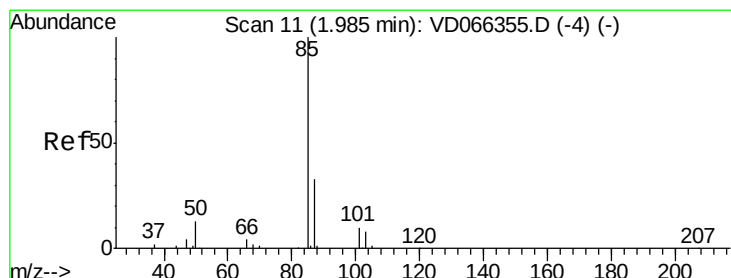
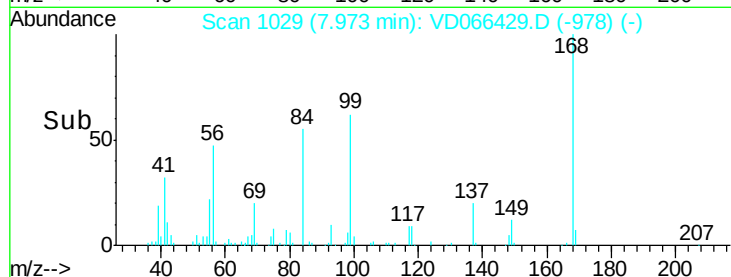
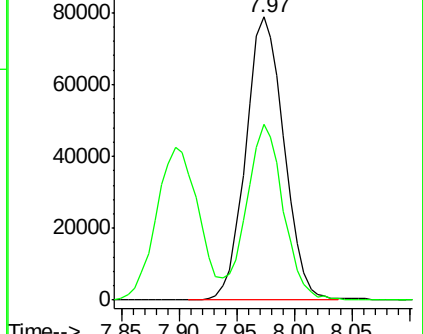
168 100

99 61.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.546 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066429.D

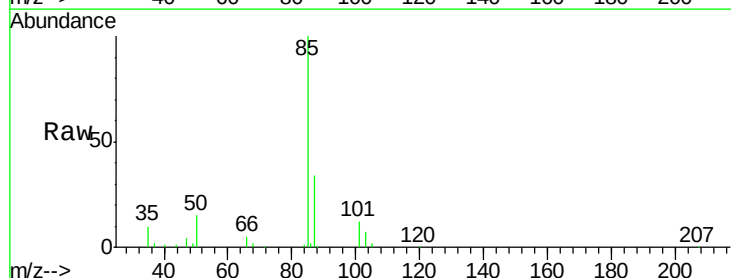
Acq: 27 Aug 2020 11:37

Tgt Ion: 85 Resp: 73359

Ion Ratio Lower Upper

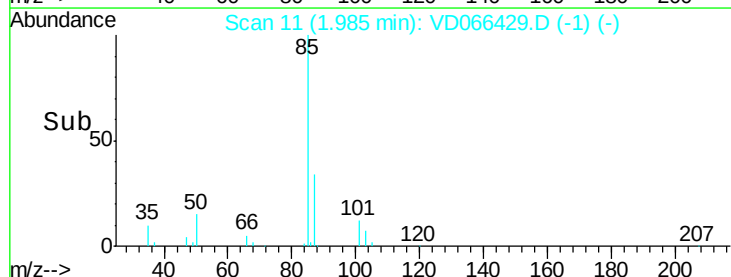
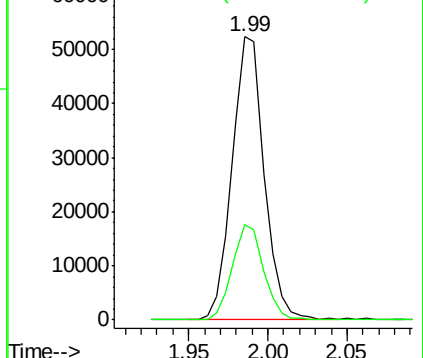
85 100

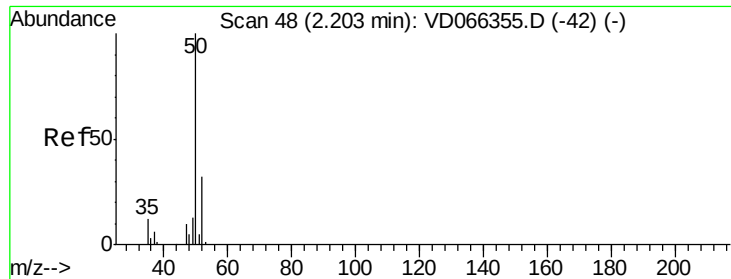
87 33.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.164 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

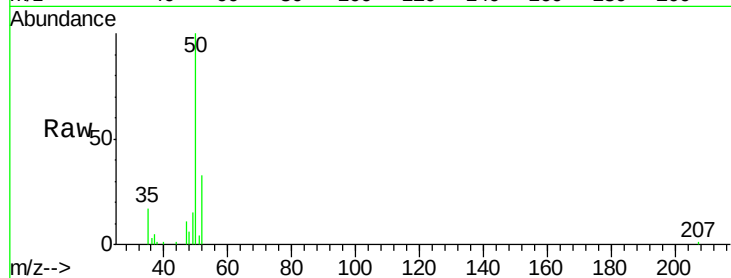
VSTDCCC050

Tgt Ion: 50 Resp: 45020

Ion Ratio Lower Upper

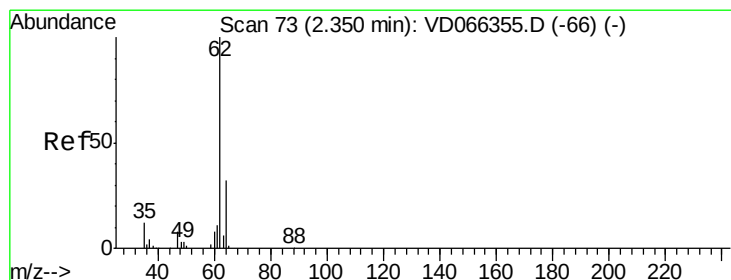
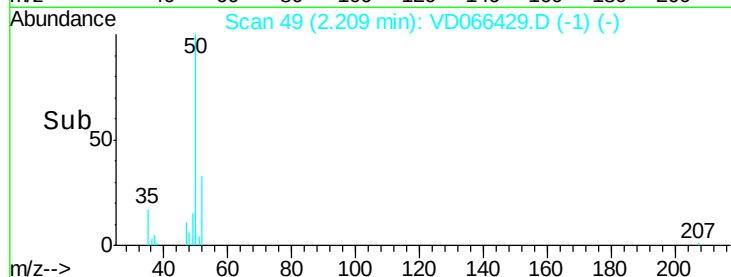
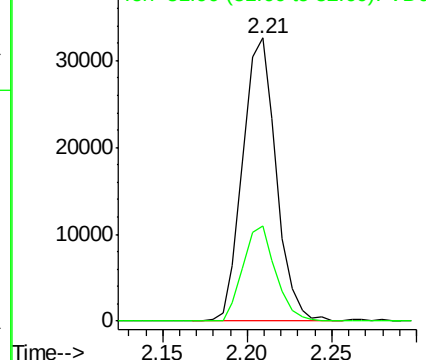
50 100

52 33.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.964 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066429.D

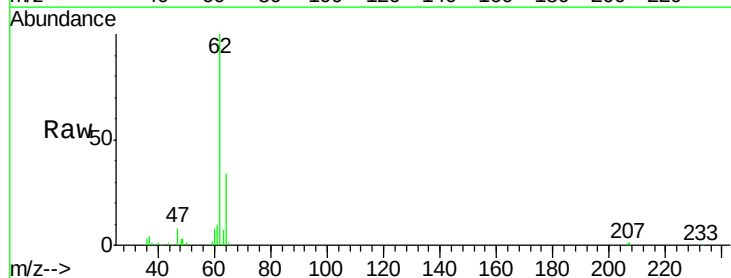
Acq: 27 Aug 2020 11:37

Tgt Ion: 62 Resp: 56321

Ion Ratio Lower Upper

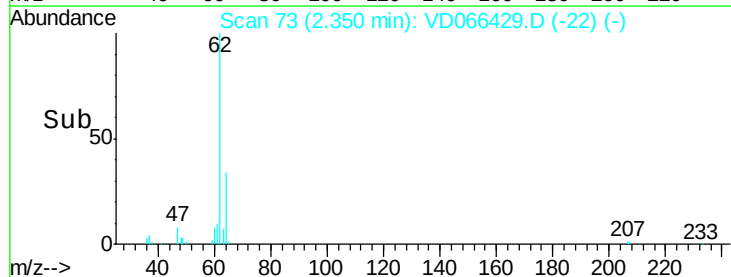
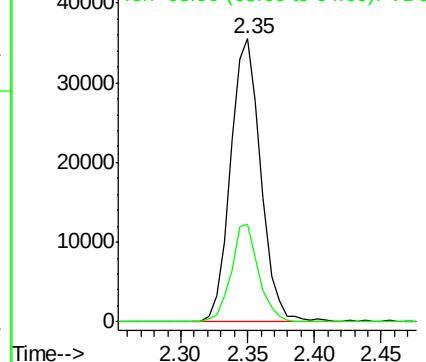
62 100

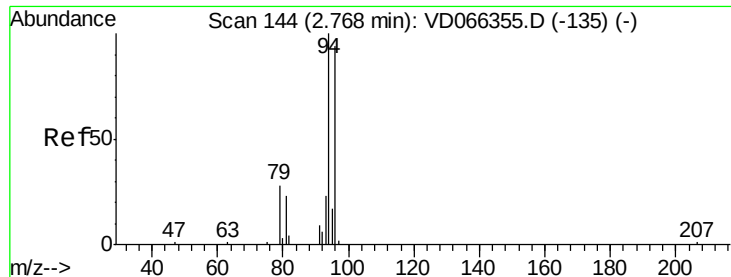
64 34.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 55.052 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

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Acq: 27 Aug 2020 11:37

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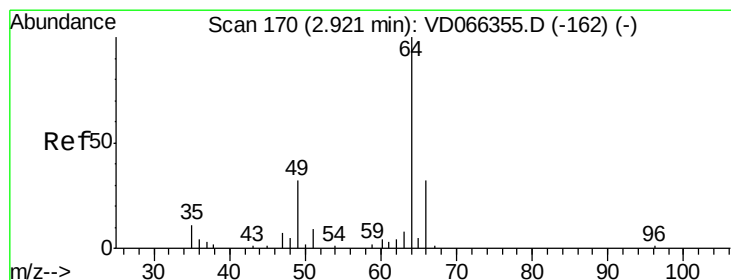
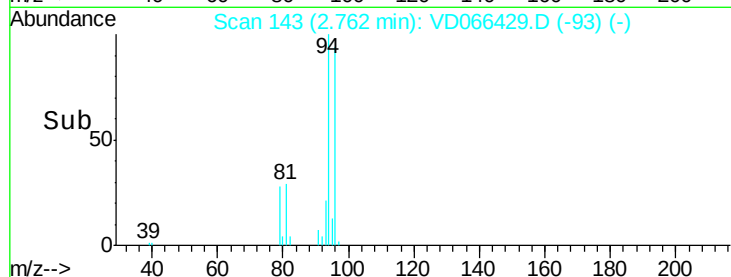
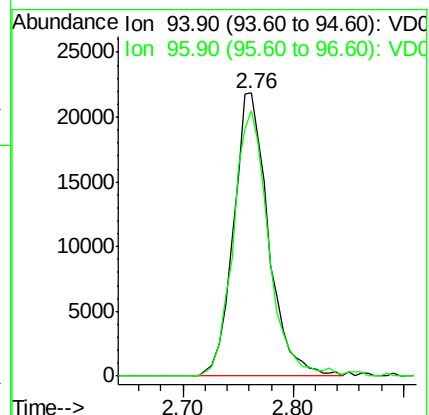
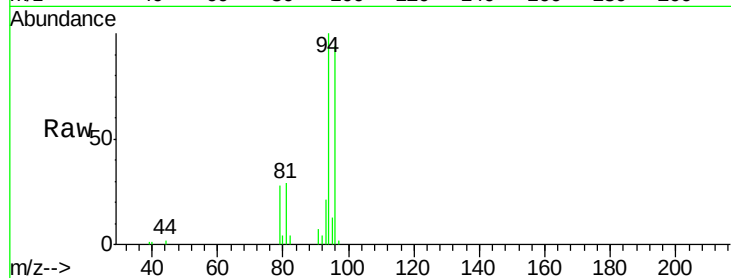
VSTDCCC050

Tgt Ion: 94 Resp: 48352

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.4



#6

Chloroethane

Concen: 48.738 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066429.D

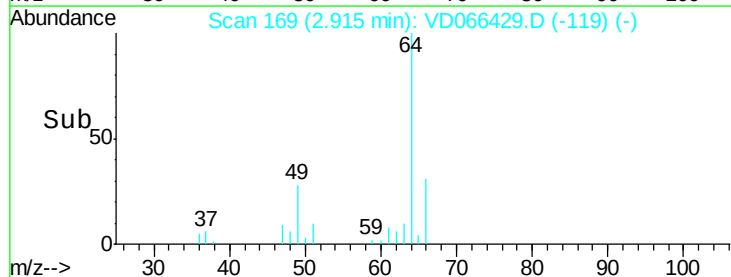
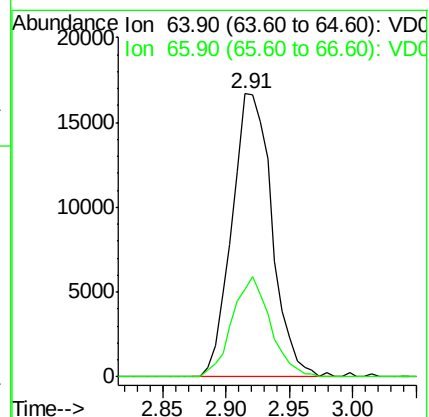
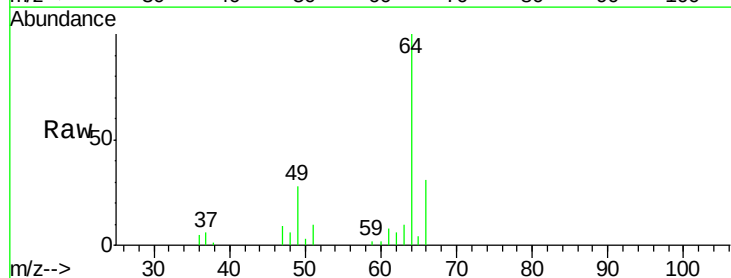
Acq: 27 Aug 2020 11:37

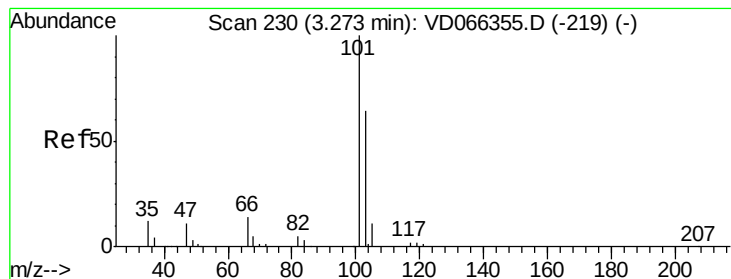
Tgt Ion: 64 Resp: 36646

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9



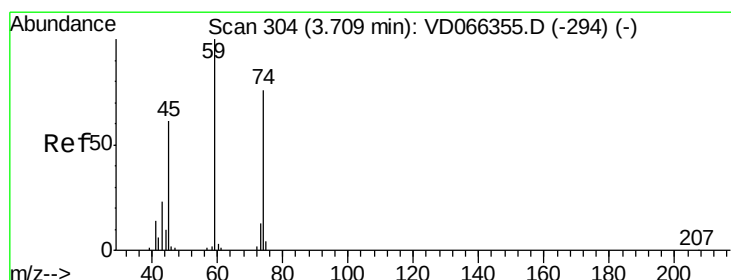
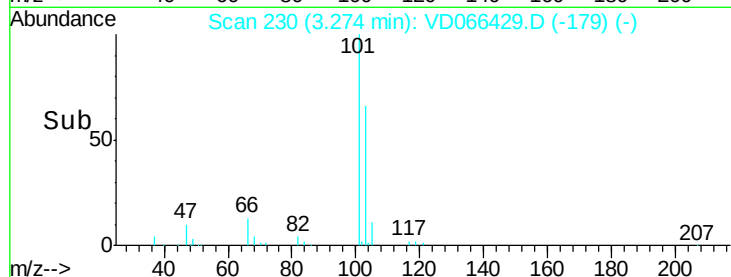
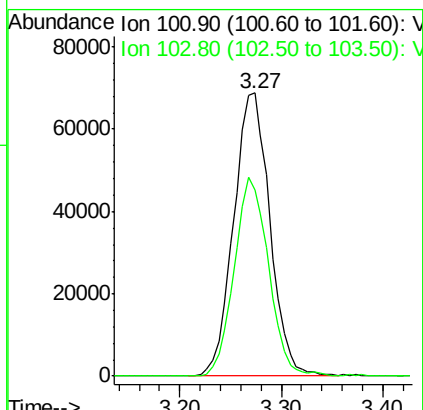
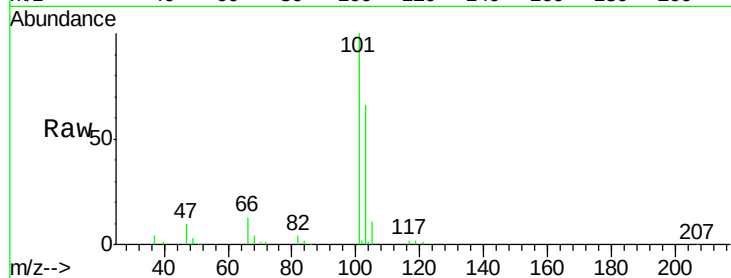


#7

Trichlorofluoromethane
 Concen: 53.455 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

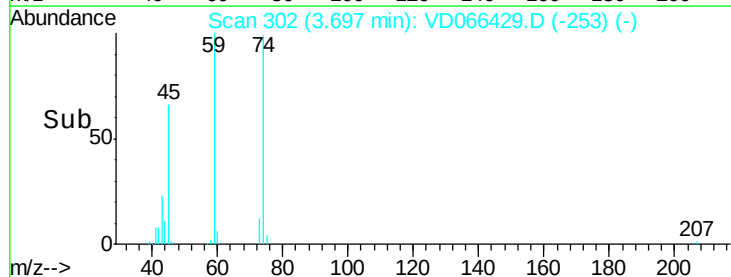
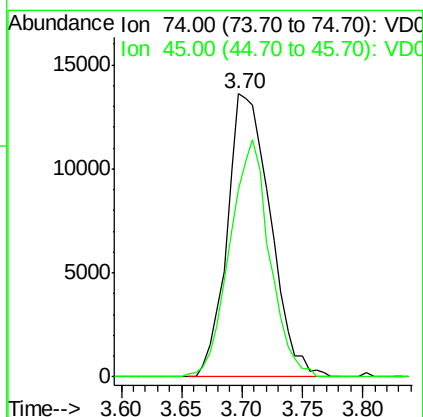
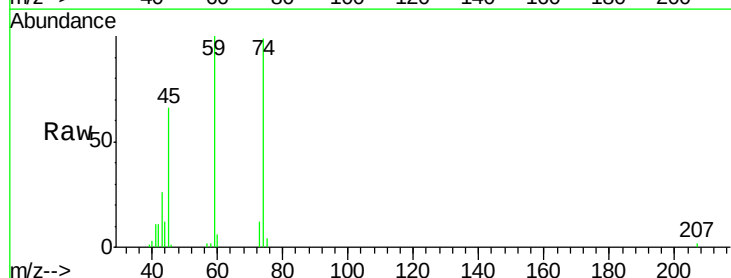
Tgt Ion:101 Resp: 170687
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.4 77.0

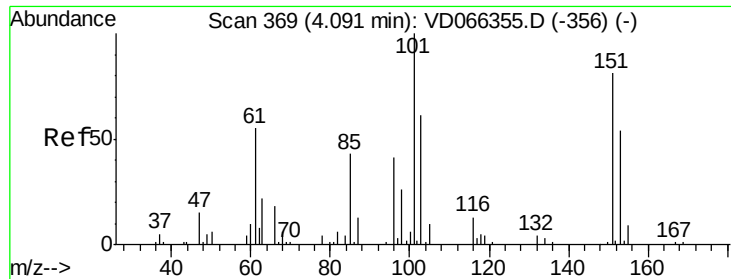


#8

Diethyl Ether
 Concen: 47.342 ug/l
 RT: 3.70 min Scan# 302
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 74 Resp: 33870
 Ion Ratio Lower Upper
 74 100
 45 77.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.492 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

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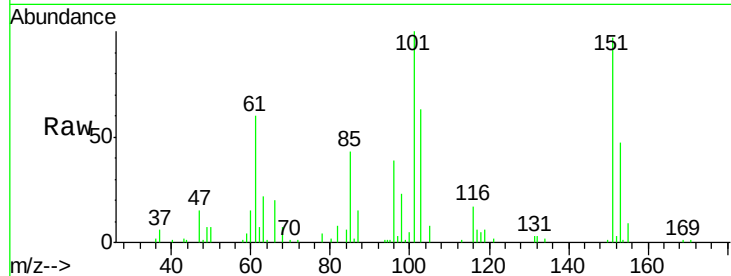
Tgt Ion:101 Resp: 76414

Ion Ratio Lower Upper

101 100

85 47.8 36.4 54.6

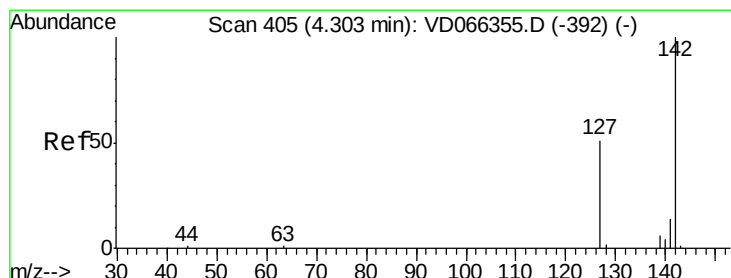
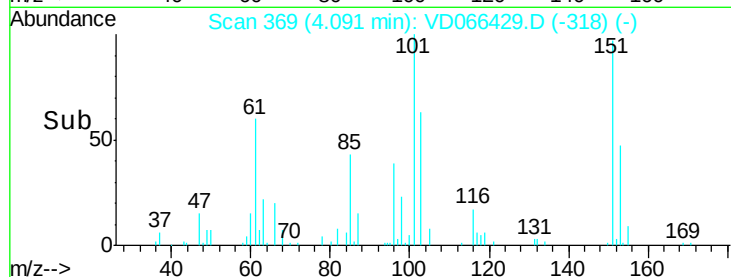
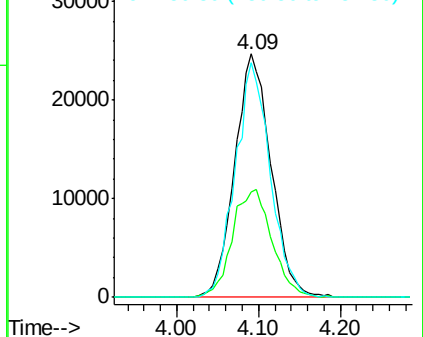
151 93.0 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.984 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

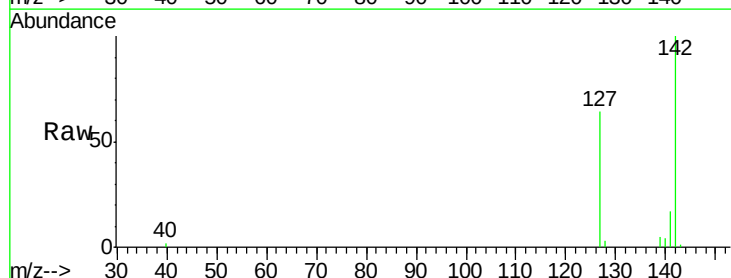
Tgt Ion:142 Resp: 75456

Ion Ratio Lower Upper

142 100

127 60.0 41.8 62.8

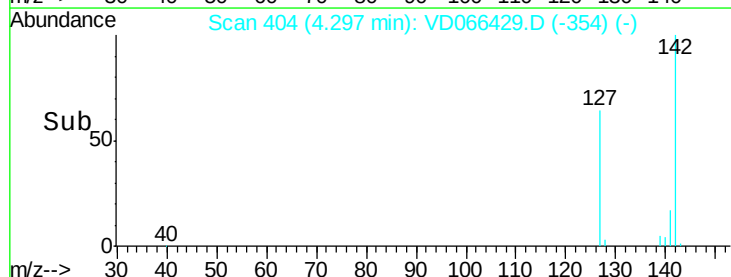
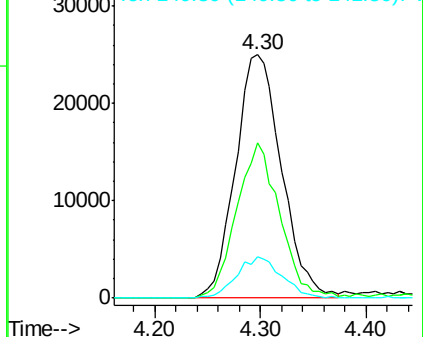
141 16.6 11.8 17.6

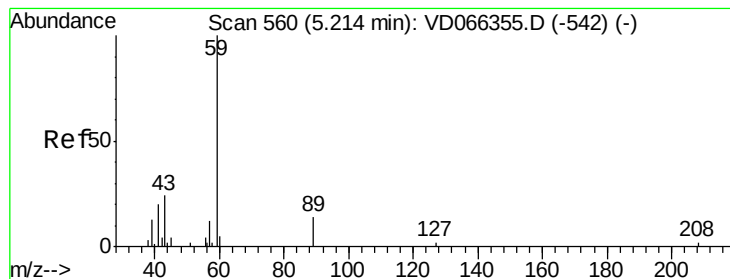


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



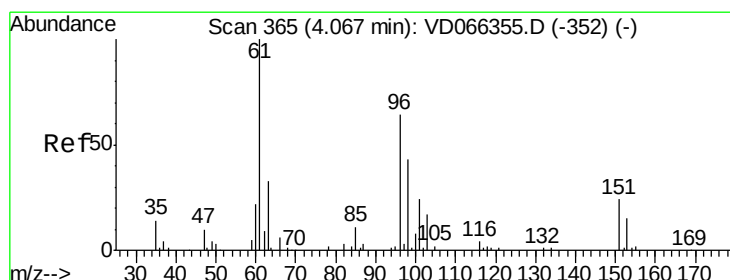
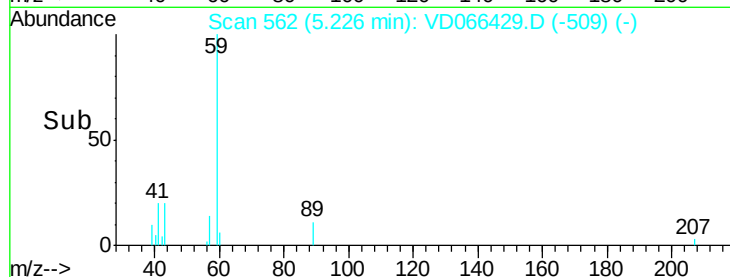
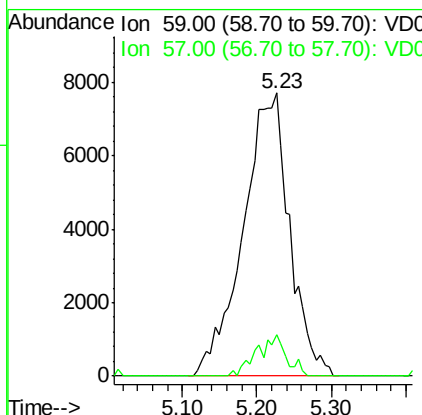
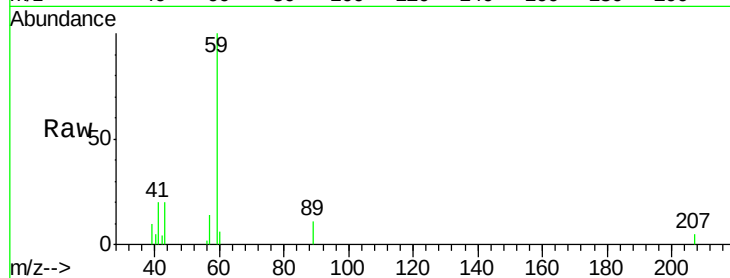


#11

Tert butyl alcohol
 Concen: 342.795 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

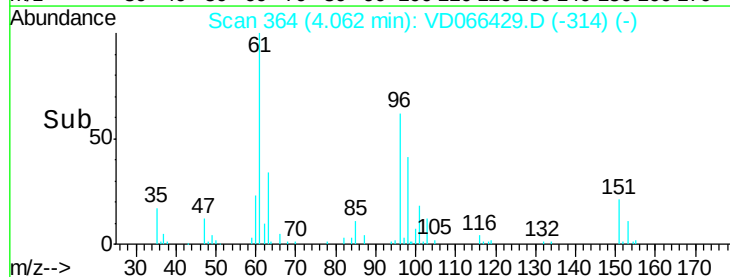
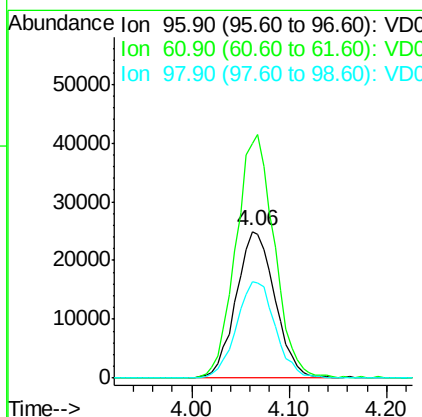
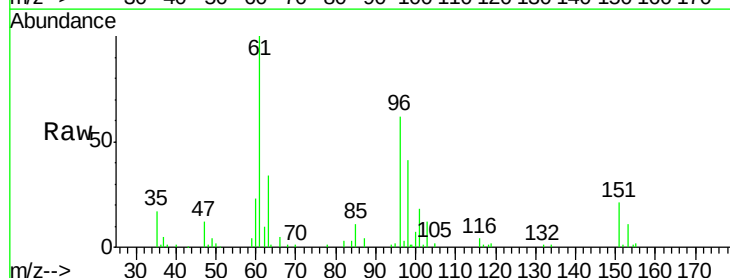
Tgt Ion: 59 Resp: 33301
 Ion Ratio Lower Upper
 59 100
 57 5.8 9.0 13.4#

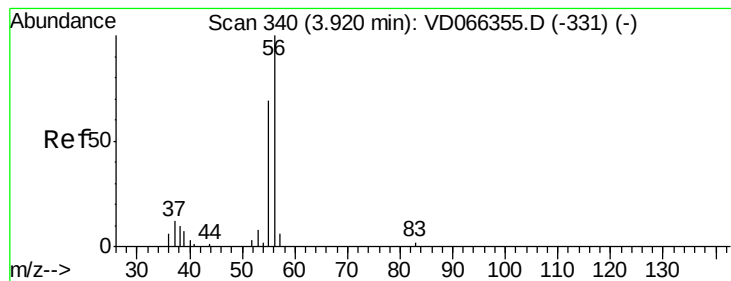


#12

1,1-Dichloroethene
 Concen: 46.581 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 96 Resp: 68902
 Ion Ratio Lower Upper
 96 100
 61 160.4 124.3 186.5
 98 65.7 53.2 79.8





#13

Acrolein

Concen: 210.589 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

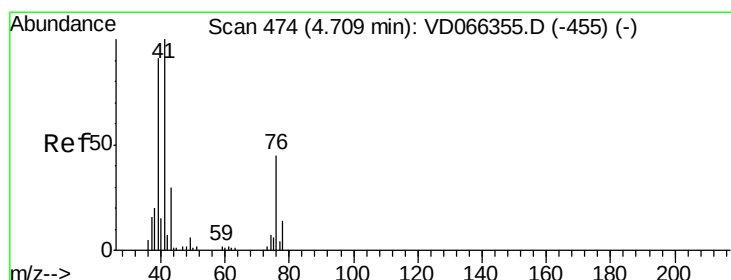
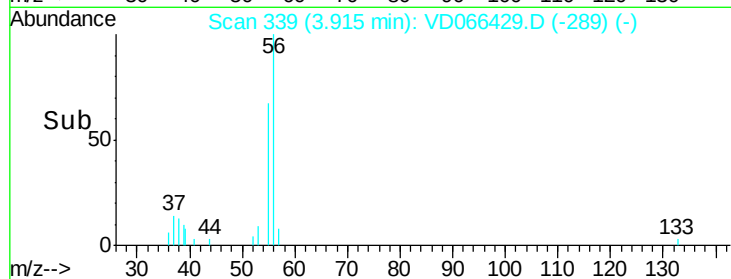
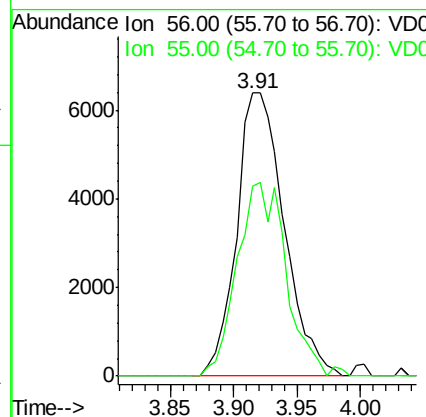
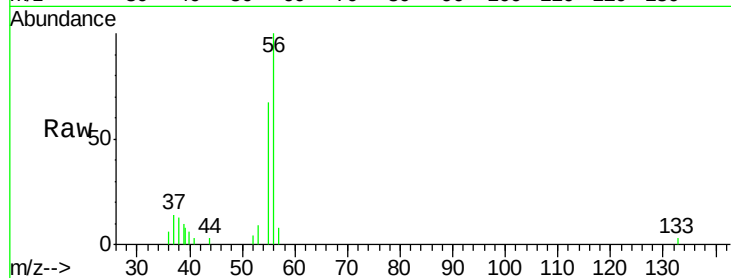
VSTDCCC050

Tgt Ion: 56 Resp: 16639

Ion Ratio Lower Upper

56 100

55 70.6 55.5 83.3



#14

Allyl chloride

Concen: 43.474 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

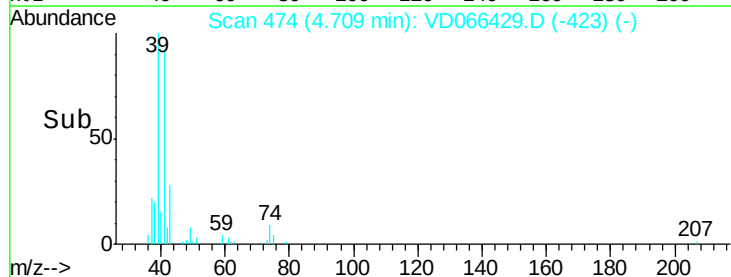
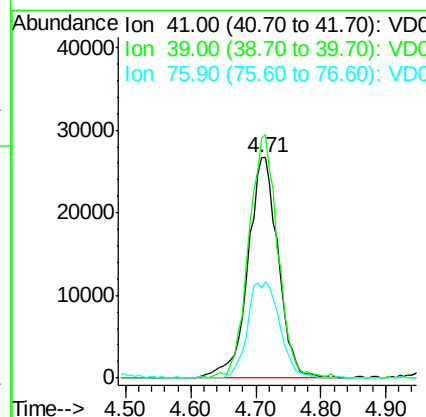
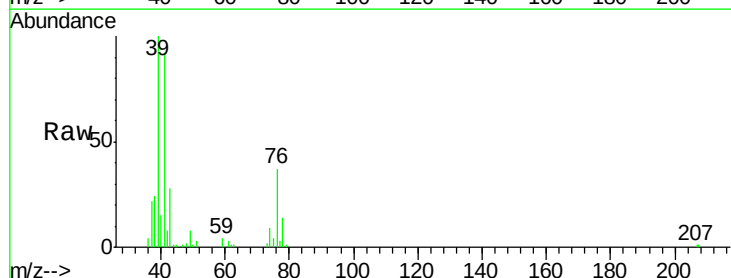
Tgt Ion: 41 Resp: 85831

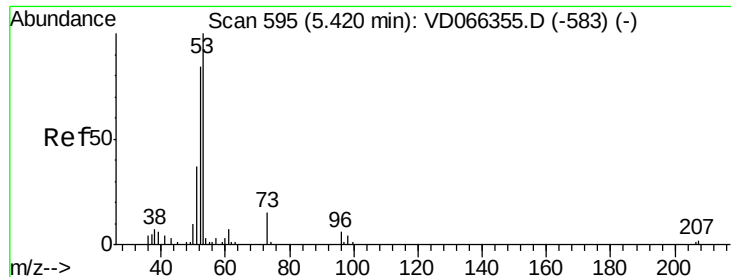
Ion Ratio Lower Upper

41 100

39 105.9 72.8 109.2

76 46.3 34.0 51.0





#15

Acrylonitrile

Concen: 226.047 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

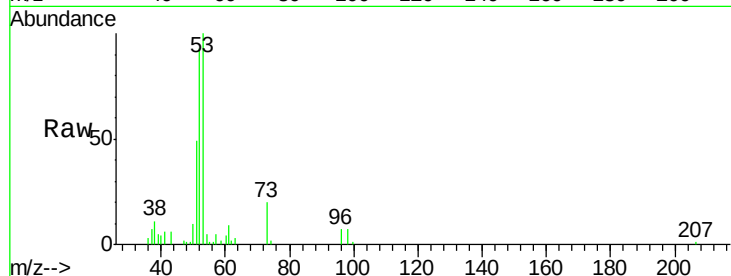
Tgt Ion: 53 Resp: 64886

Ion Ratio Lower Upper

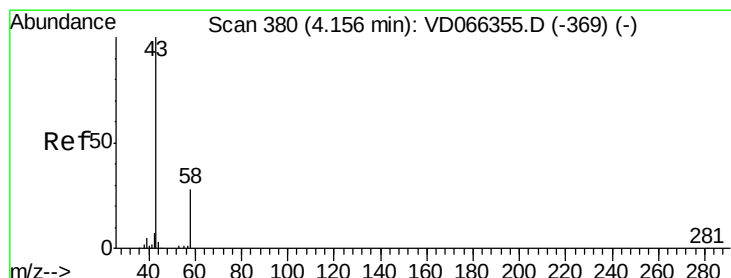
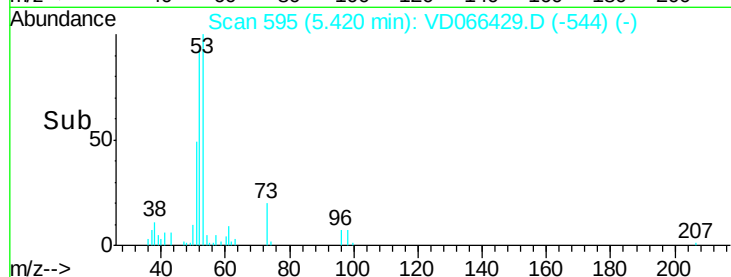
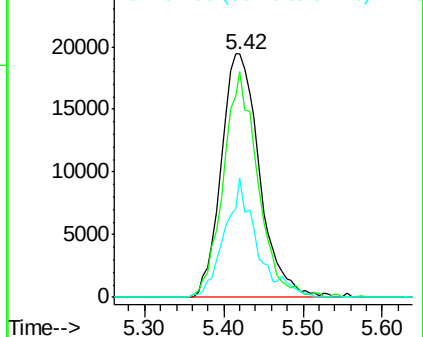
53 100

52 83.0 68.1 102.1

51 38.2 33.8 50.6



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



#16

Acetone

Concen: 283.327 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066429.D

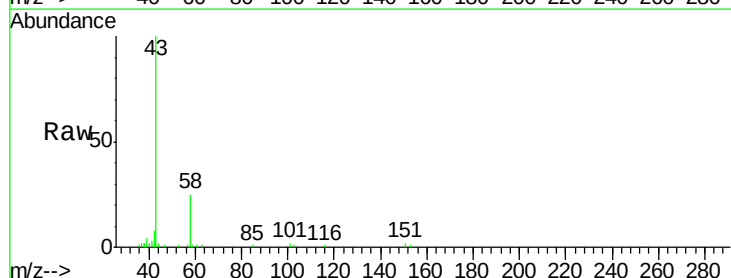
Acq: 27 Aug 2020 11:37

Tgt Ion: 43 Resp: 90885

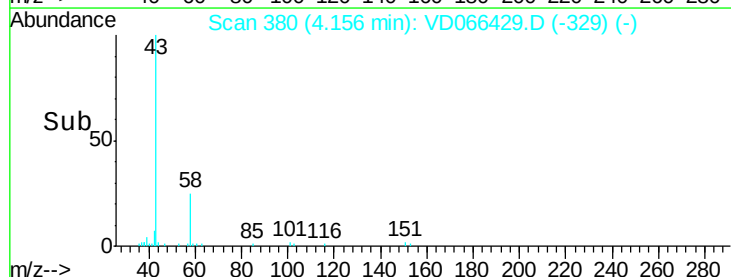
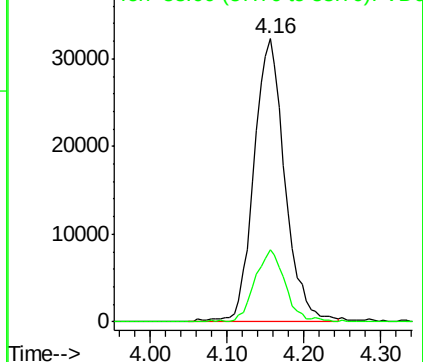
Ion Ratio Lower Upper

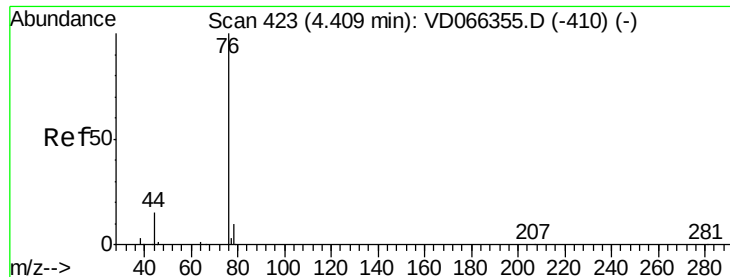
43 100

58 25.4 22.7 34.1



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

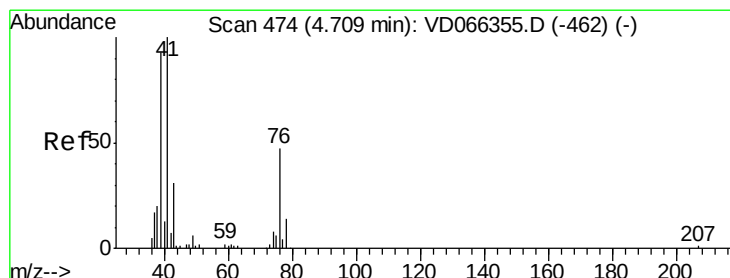
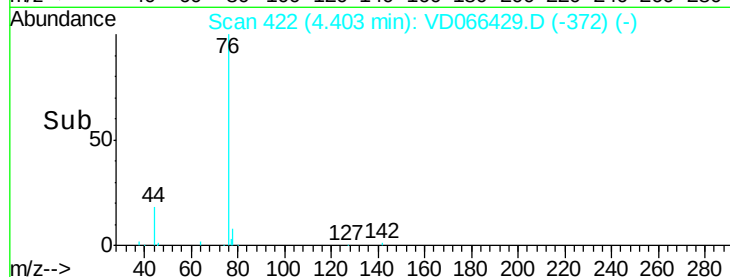
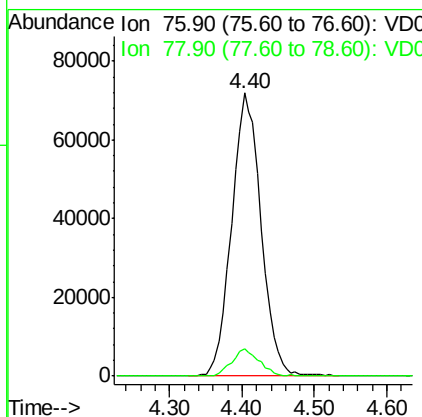
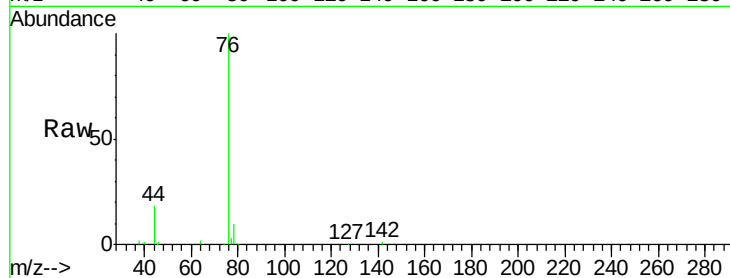




#17
Carbon Disulfide
Concen: 45.140 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

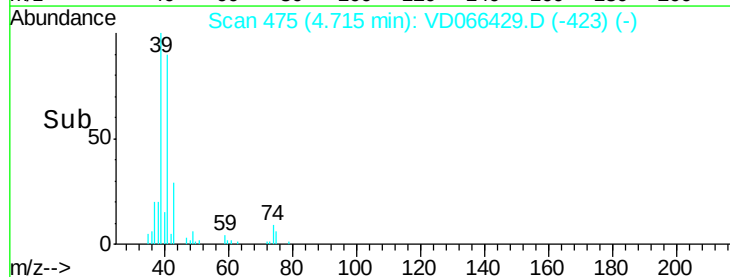
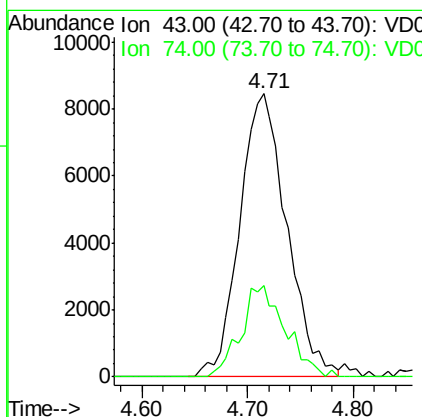
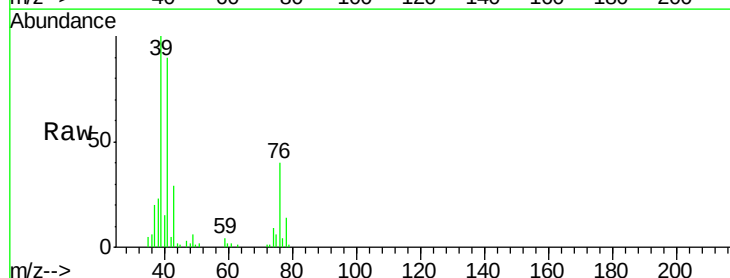
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

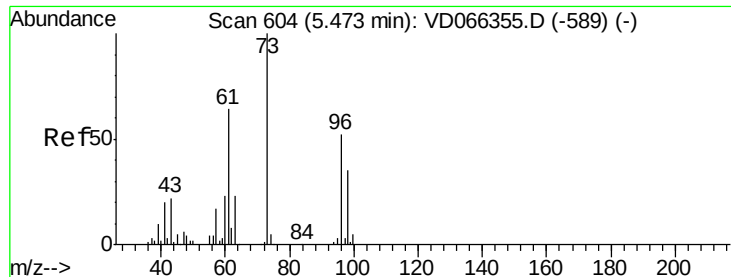
Tgt Ion: 76 Resp: 202353
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: 43.383 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 43 Resp: 26119
Ion Ratio Lower Upper
43 100
74 30.4 21.0 31.6

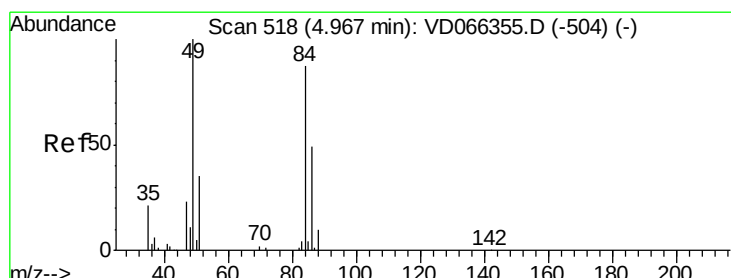
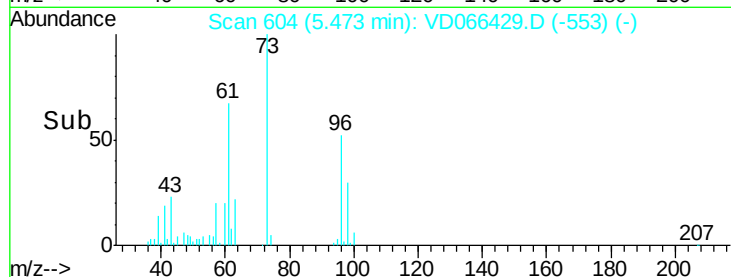
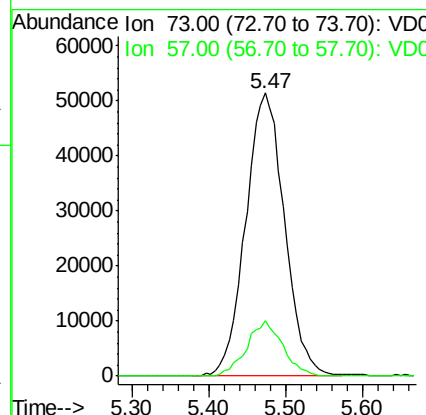
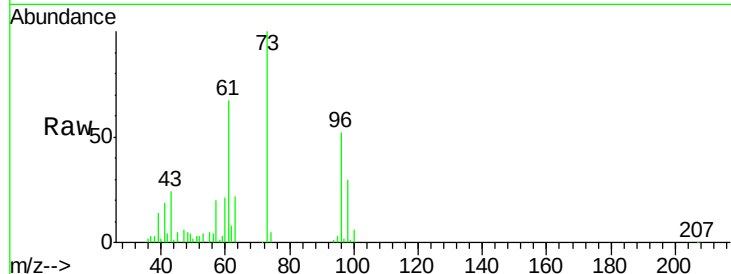




#19
Methyl tert-butyl Ether
Concen: 50.926 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

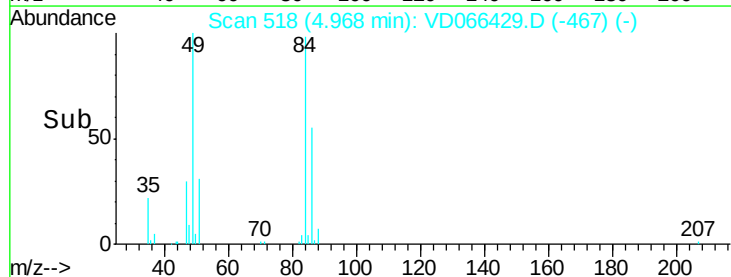
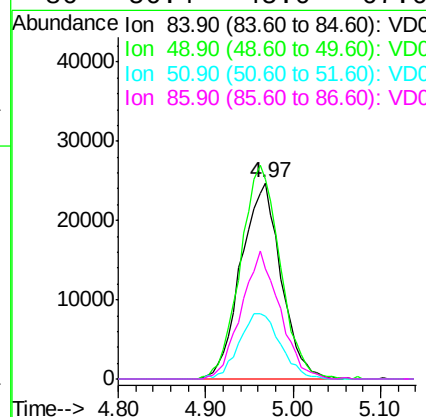
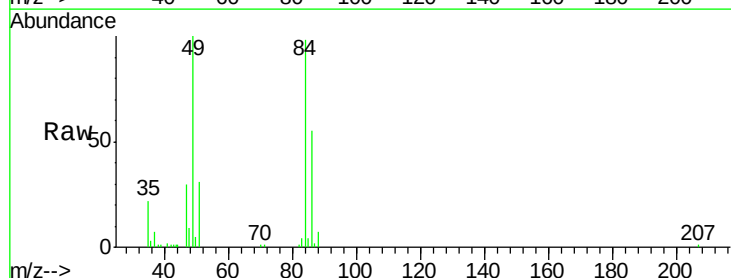
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

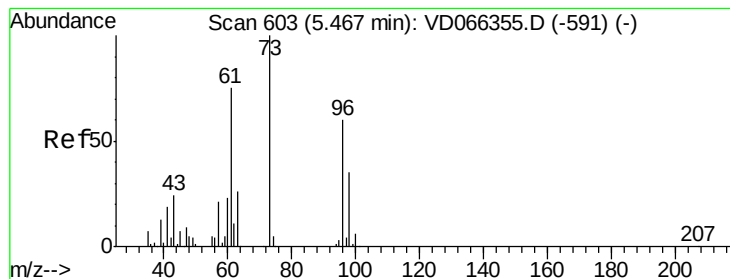
Tgt Ion: 73 Resp: 181385
Ion Ratio Lower Upper
73 100
57 19.5 13.8 20.6



#20
Methylene Chloride
Concen: 44.301 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 84 Resp: 77176
Ion Ratio Lower Upper
84 100
49 101.7 92.5 138.7
51 31.9 32.5 48.7#
86 56.4 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 47.523 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

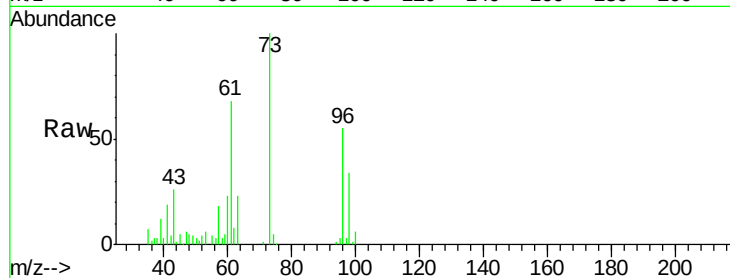
Tgt Ion: 96 Resp: 81827

Ion Ratio Lower Upper

96 100

61 123.0 101.1 151.7

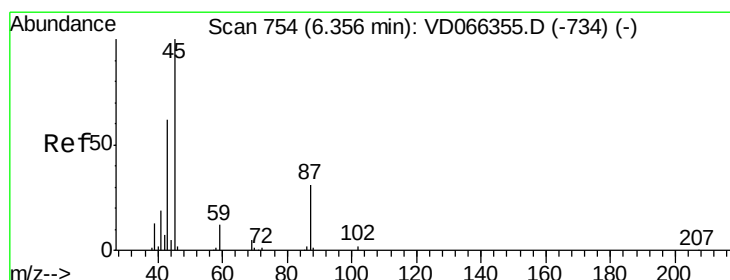
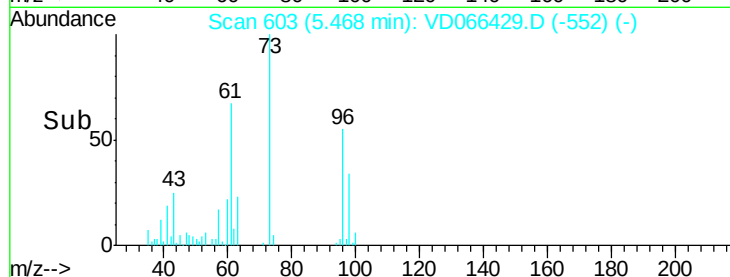
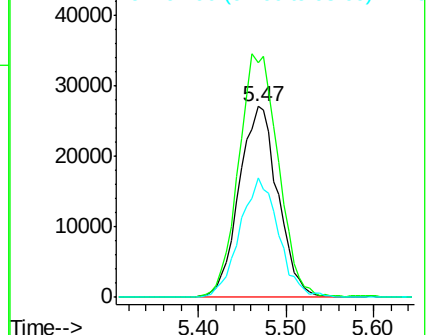
98 62.6 47.0 70.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 43.341 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Tgt Ion: 45 Resp: 165673

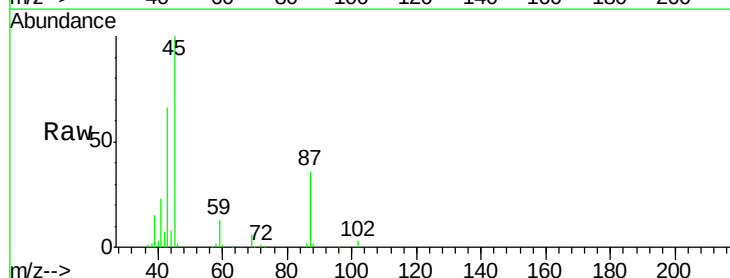
Ion Ratio Lower Upper

45 100

43 64.9 49.8 74.8

87 35.9 25.0 37.6

59 12.5 9.6 14.4

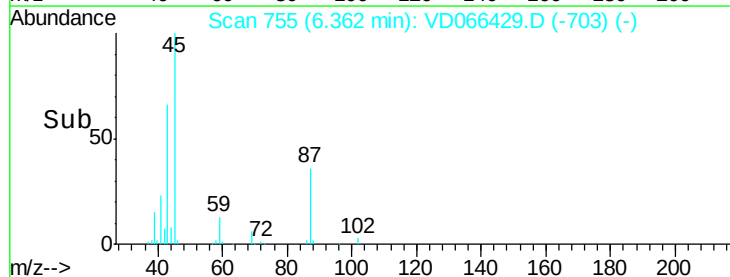
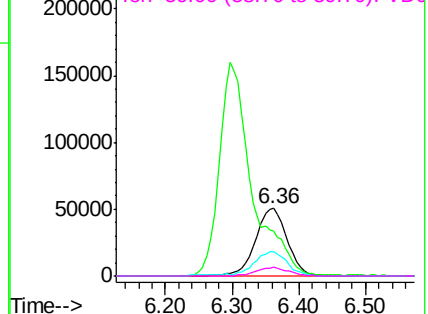


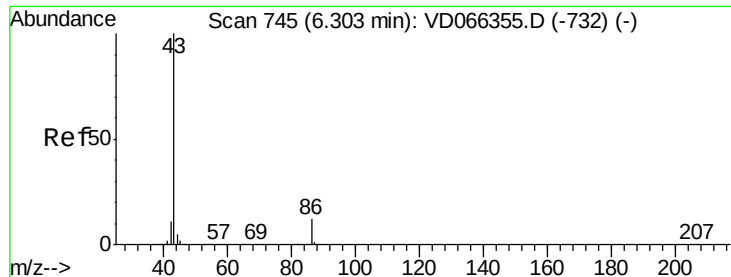
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 232.506 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

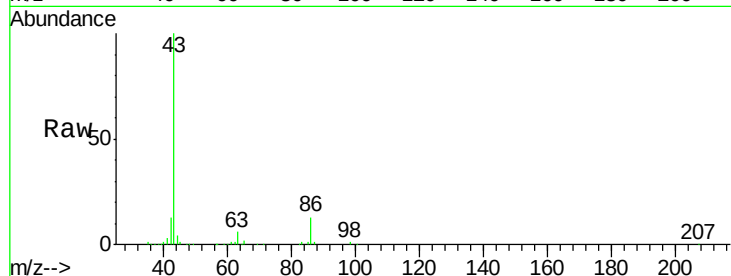
VSTDCCC050

Tgt Ion: 43 Resp: 550202

Ion Ratio Lower Upper

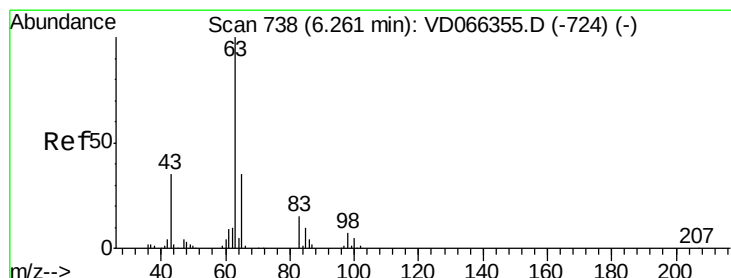
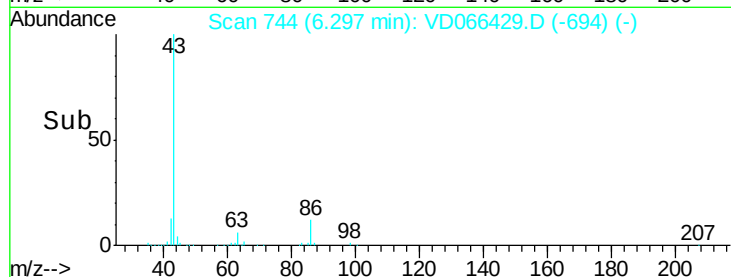
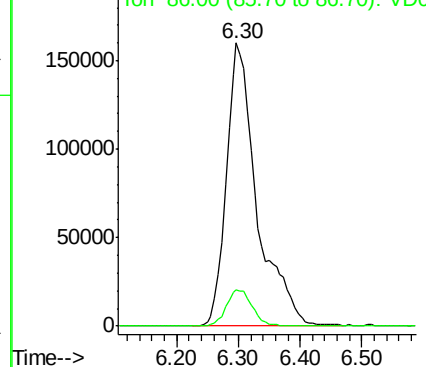
43 100

86 12.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.873 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

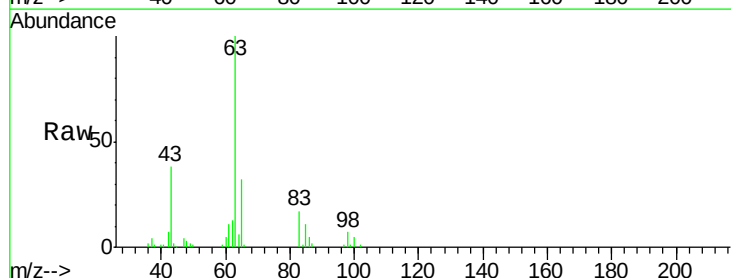
Tgt Ion: 63 Resp: 126619

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

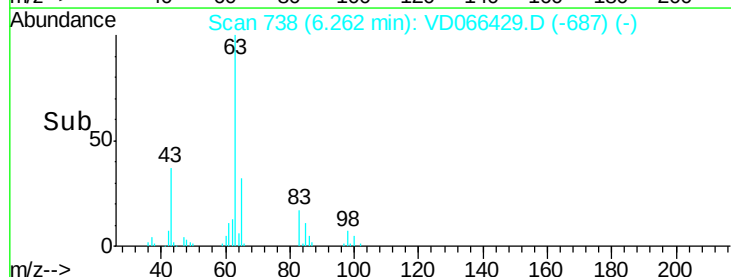
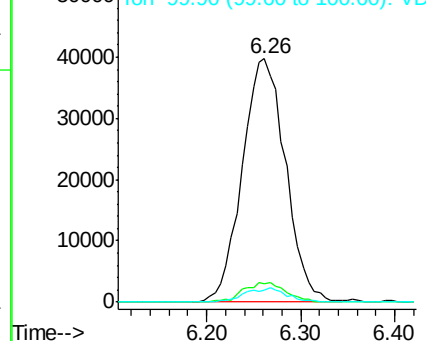
100 4.9 2.5 7.6

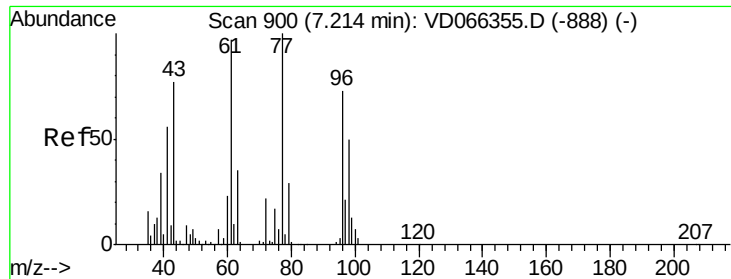


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 234.420 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

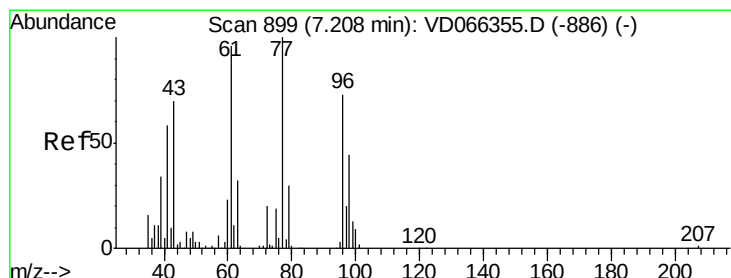
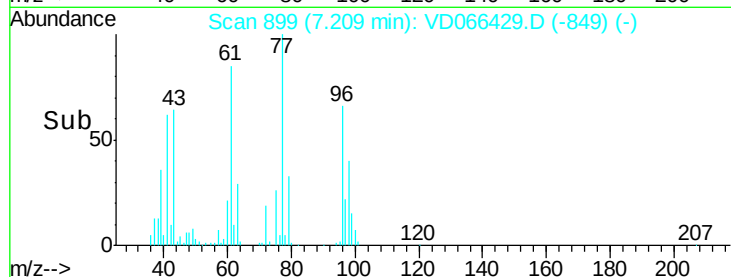
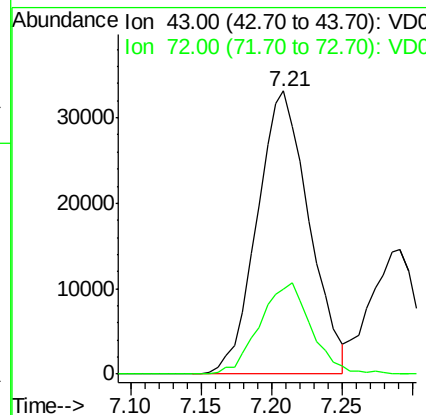
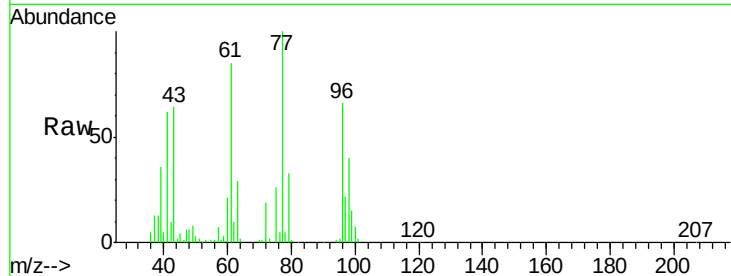
VSTDCCC050

Tgt Ion: 43 Resp: 85367

Ion Ratio Lower Upper

43 100

72 30.1 22.5 33.7



#26

2,2-Dichloropropane

Concen: 54.093 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066429.D

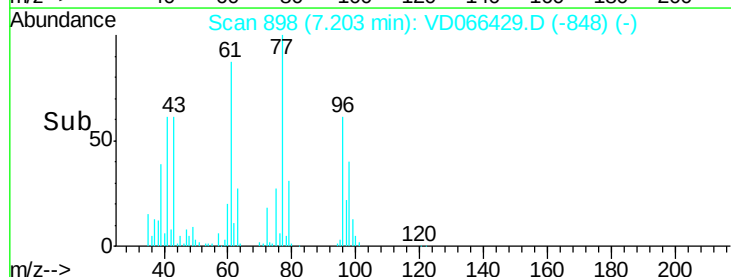
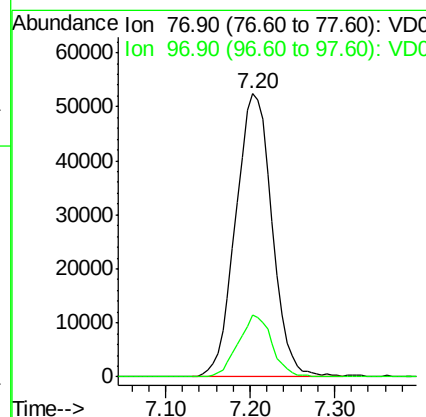
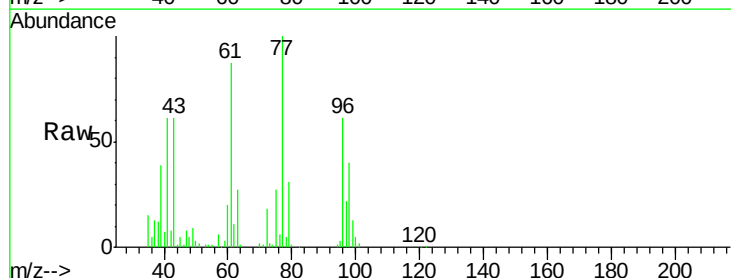
Acq: 27 Aug 2020 11:37

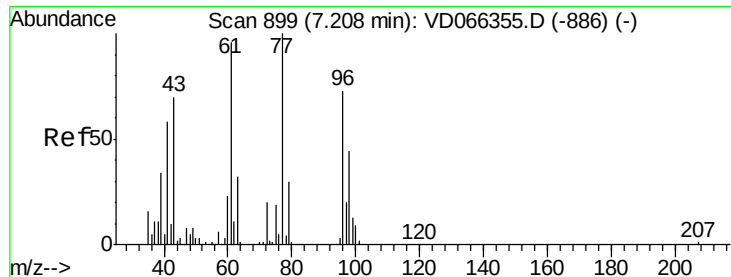
Tgt Ion: 77 Resp: 156613

Ion Ratio Lower Upper

77 100

97 20.2 10.7 31.9

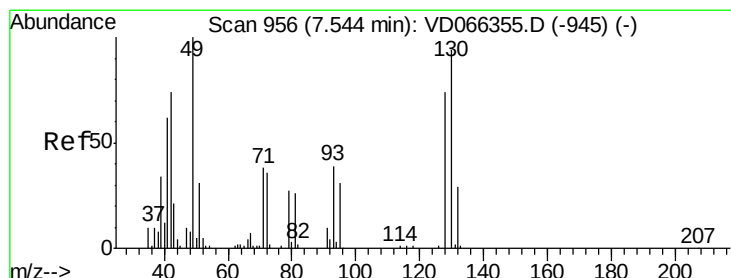
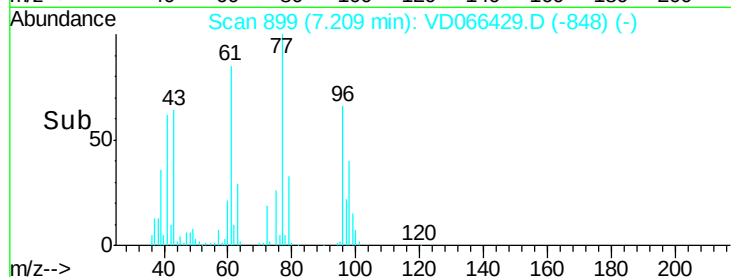
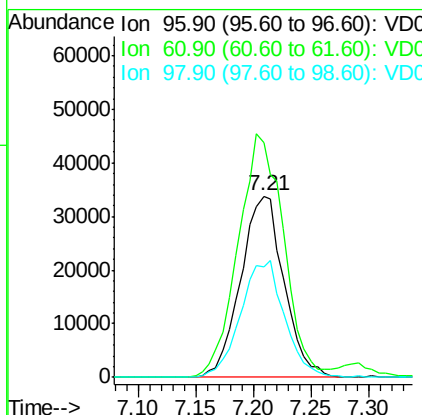
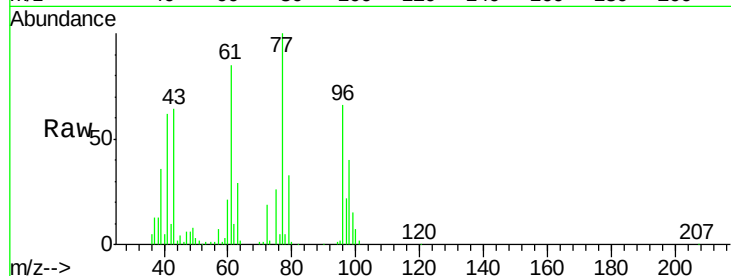




#27
 cis-1,2-Dichloroethene
 Concen: 47.846 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

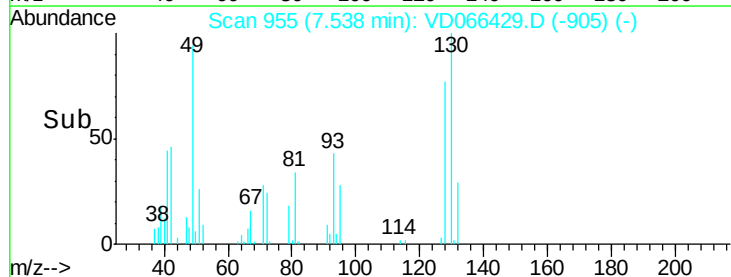
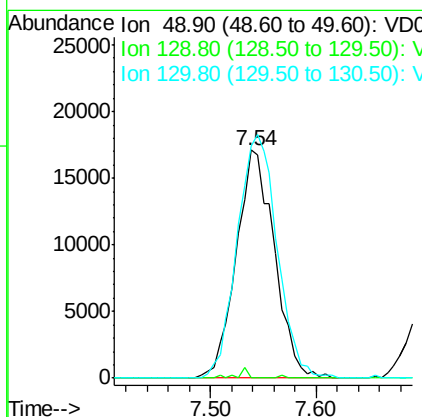
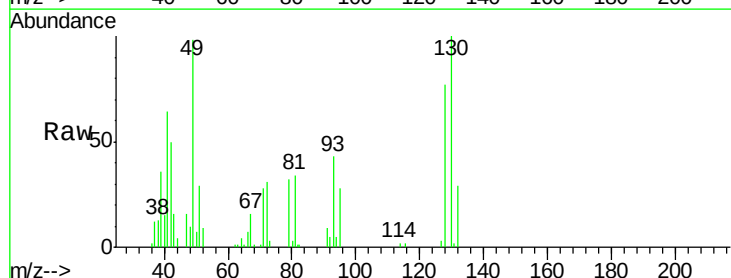
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

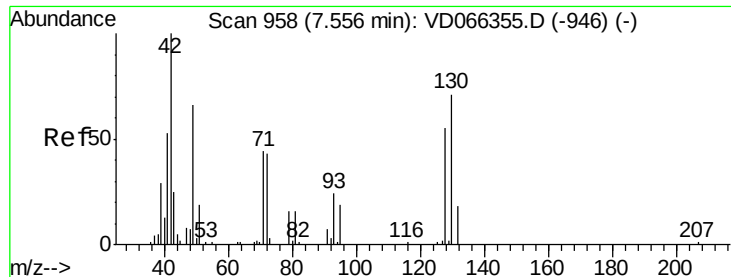
Tgt Ion: 96 Resp: 88274
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 281.4
 98 65.1 0.0 132.2



#28
 Bromochloromethane
 Concen: 46.033 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 49 Resp: 42833
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.0
 130 112.3 82.6 124.0

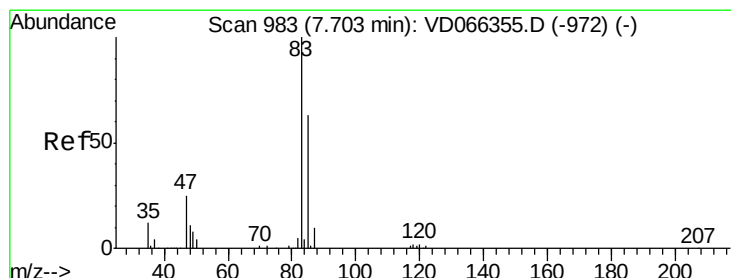
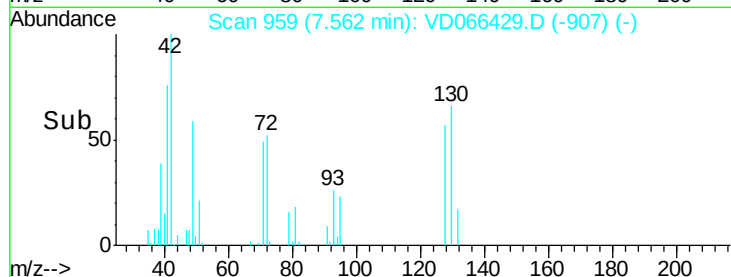
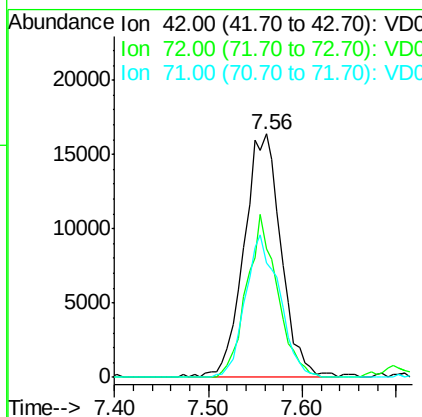
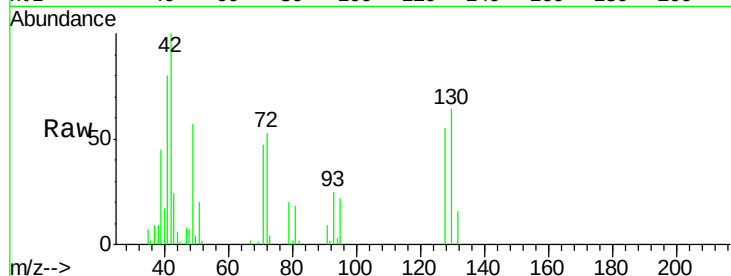




#29
Tetrahydrofuran
Concen: 216.806 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

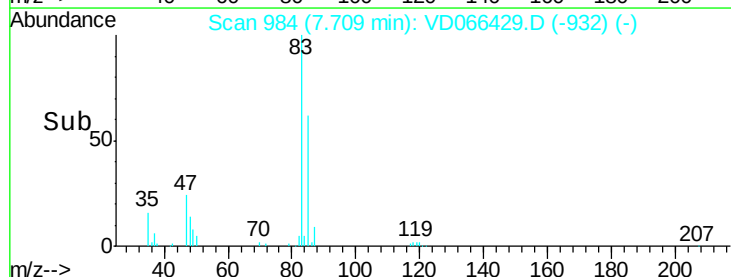
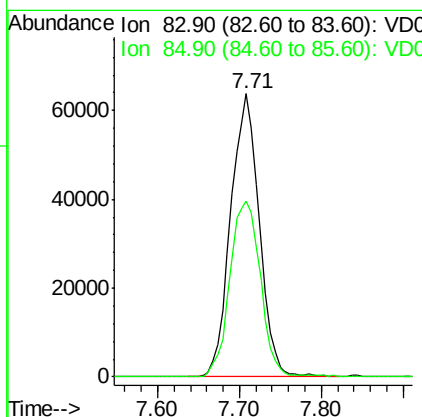
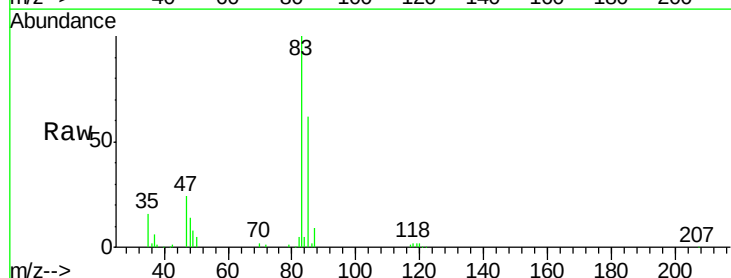
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

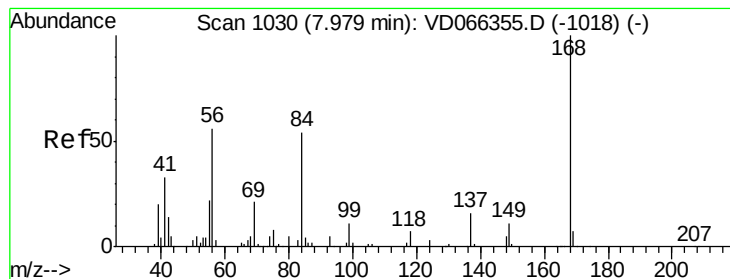
Tgt Ion: 42 Resp: 44844
Ion Ratio Lower Upper
42 100
72 55.3 41.0 61.4
71 53.4 37.2 55.8



#30
Chloroform
Concen: 49.665 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 83 Resp: 155224
Ion Ratio Lower Upper
83 100
85 62.0 50.3 75.5





#31

Cyclohexane

Concen: 40.888 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

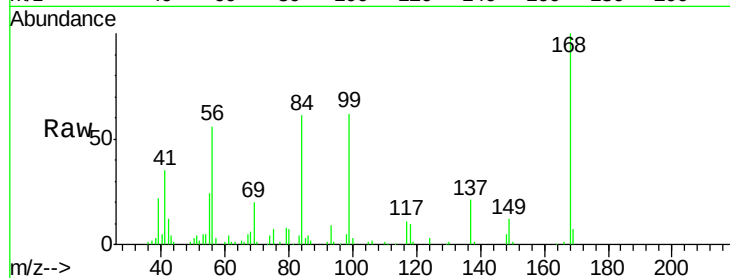
Tgt Ion: 56 Resp: 101016

Ion Ratio Lower Upper

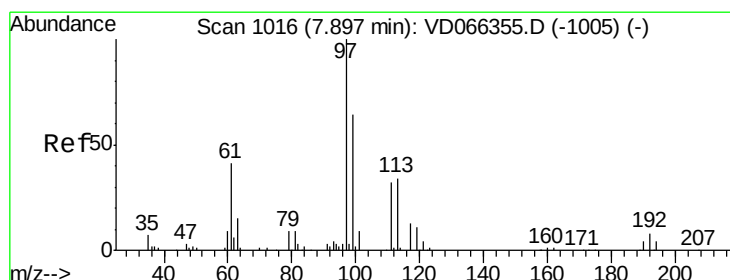
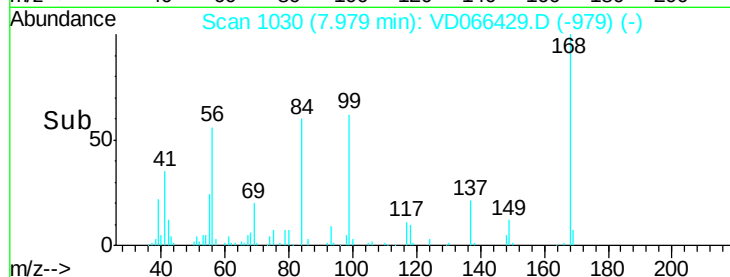
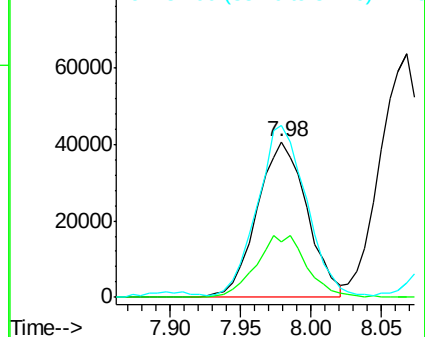
56 100

69 35.5 29.6 44.4

84 108.2 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 53.875 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

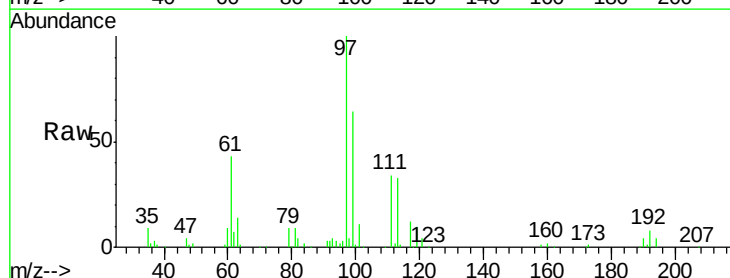
Tgt Ion: 97 Resp: 172332

Ion Ratio Lower Upper

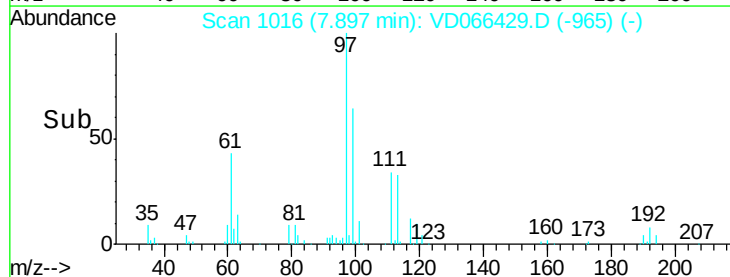
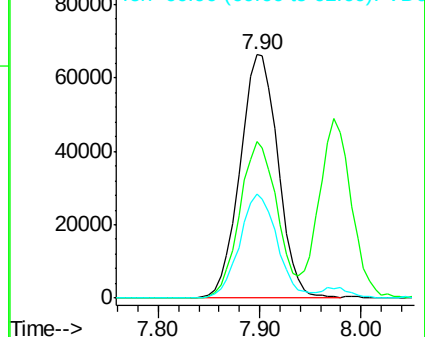
97 100

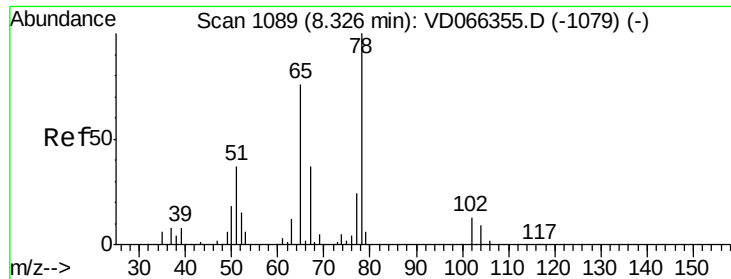
99 63.6 51.5 77.3

61 42.1 33.3 49.9



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

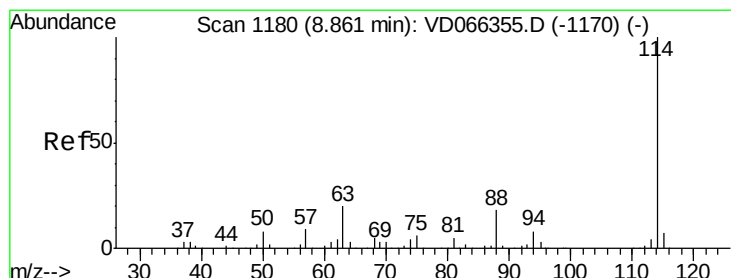
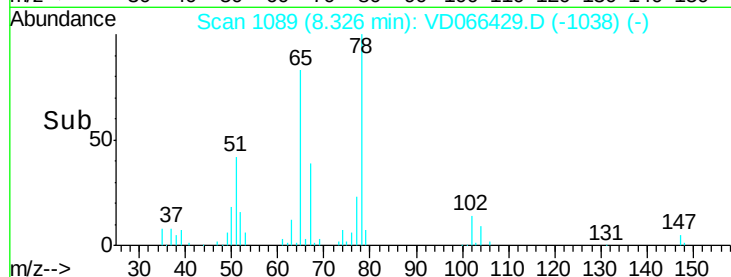
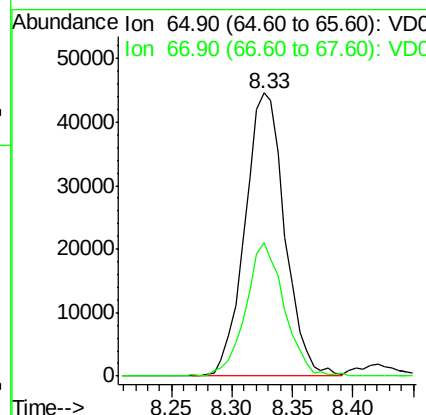
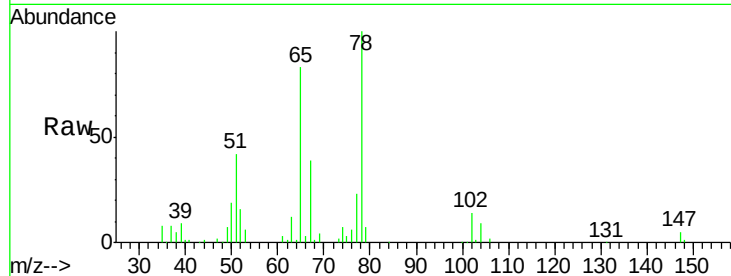




#33
 1,2-Dichloroethane-d4
 Concen: 57.371 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

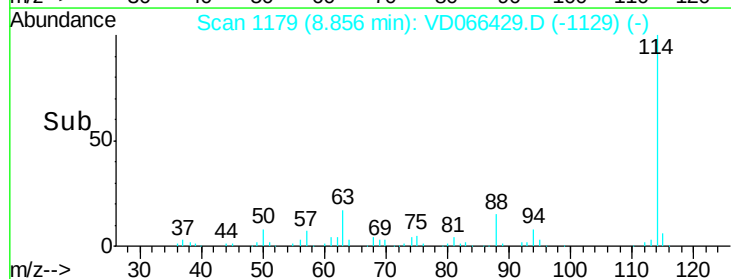
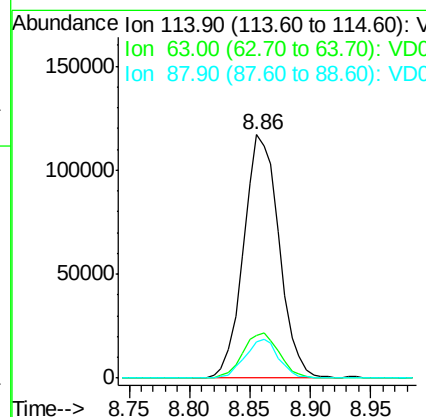
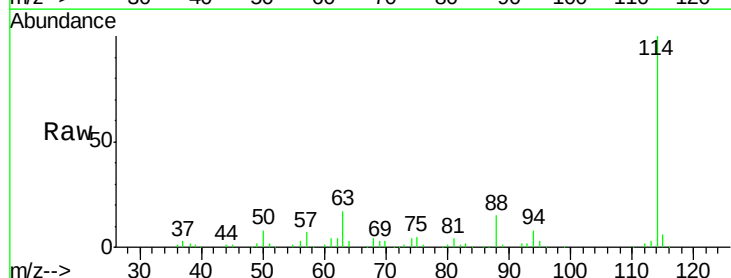
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

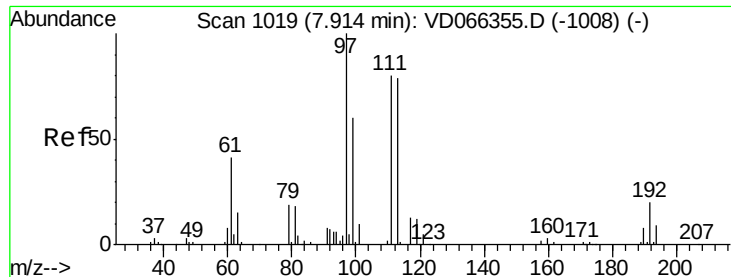
Tgt Ion: 65 Resp: 102080
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 114 Resp: 240854
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 40.8
 88 14.9 0.0 35.4

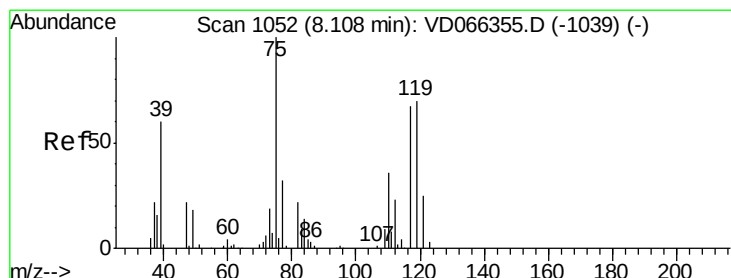
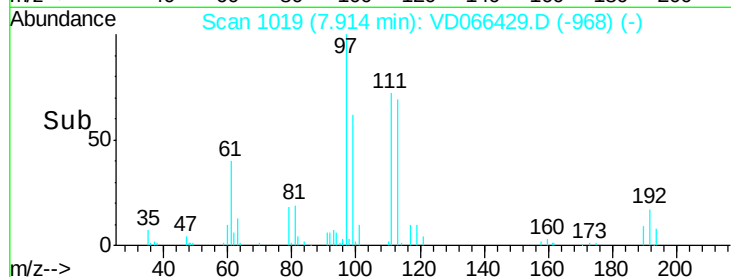
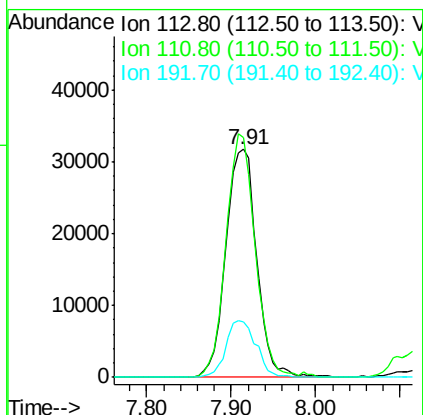
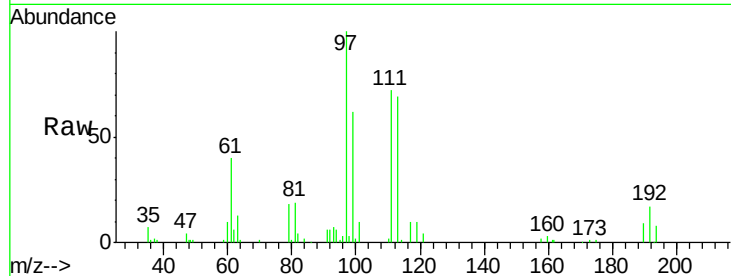




#35
 Dibromofluoromethane
 Concen: 52.961 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

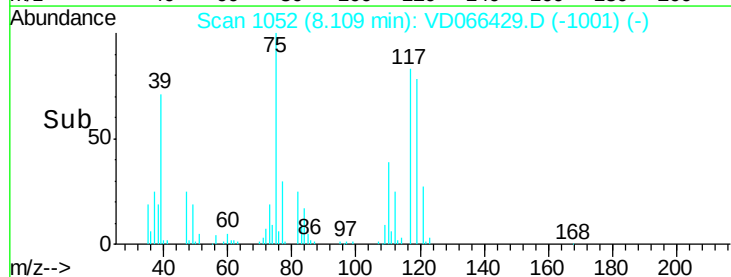
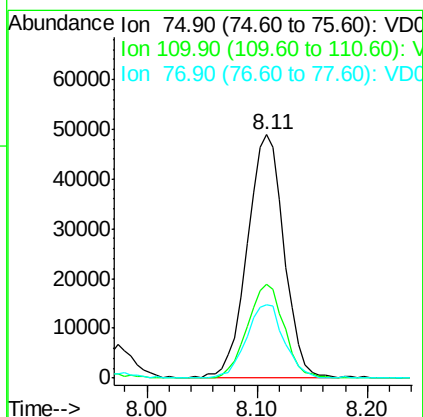
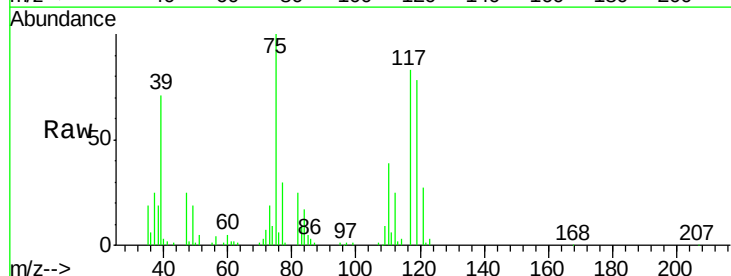
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

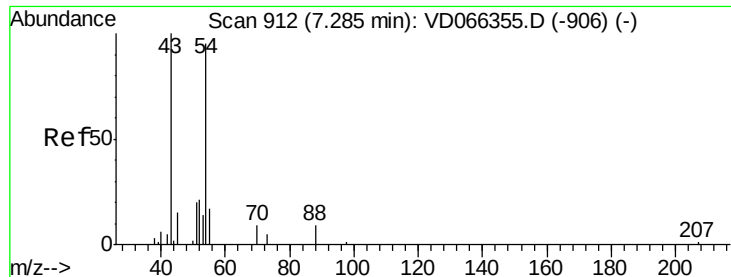
Tgt Ion: 113 Resp: 79764
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.3 120.5
 192 24.2 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 51.994 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 75 Resp: 114264
 Ion Ratio Lower Upper
 75 100
 110 38.5 18.7 56.1
 77 31.0 25.2 37.8

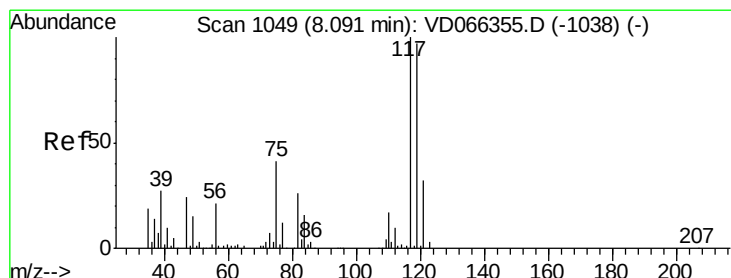
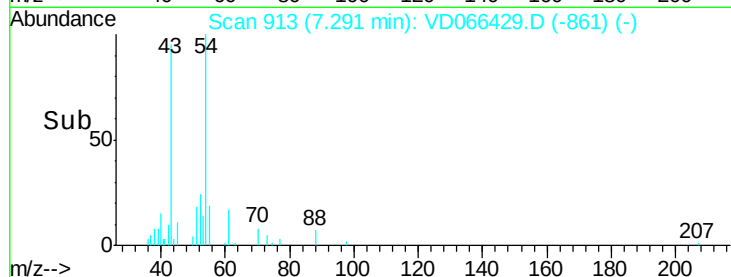
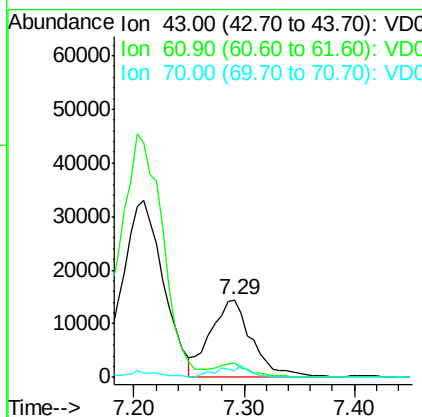
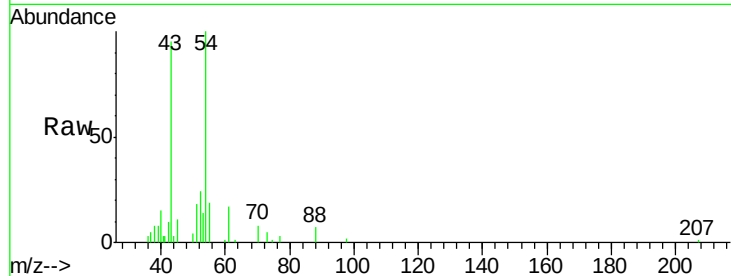




#37
 Ethyl Acetate
 Concen: 51.194 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

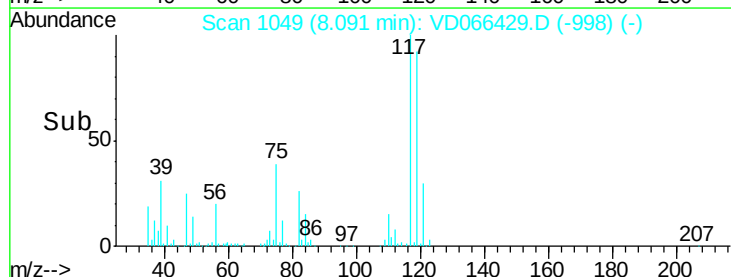
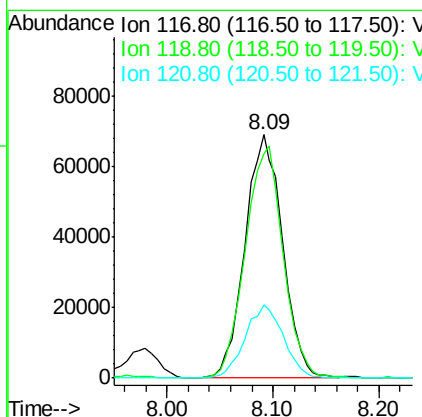
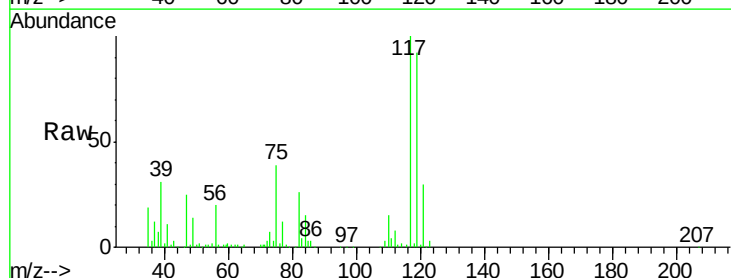
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

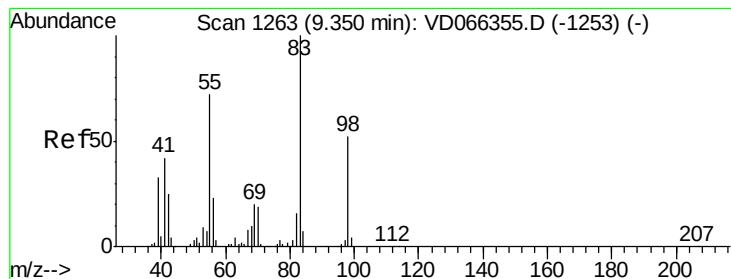
Tgt Ion: 43 Resp: 38265
 Ion Ratio Lower Upper
 43 100
 61 15.6 13.3 19.9
 70 11.1 3.5 5.3#



#38
 Carbon Tetrachloride
 Concen: 59.706 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 117 Resp: 170948
 Ion Ratio Lower Upper
 117 100
 119 92.2 77.2 115.8
 121 29.9 25.8 38.8

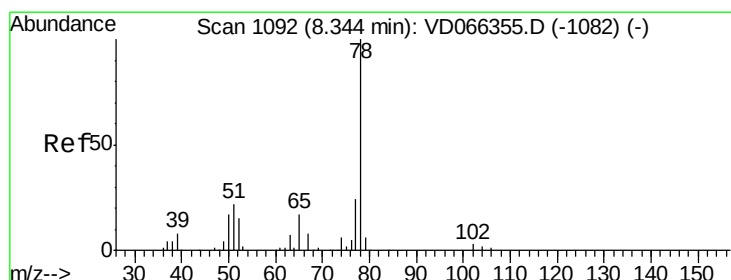
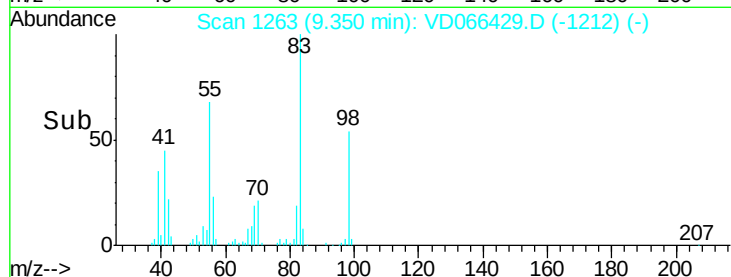
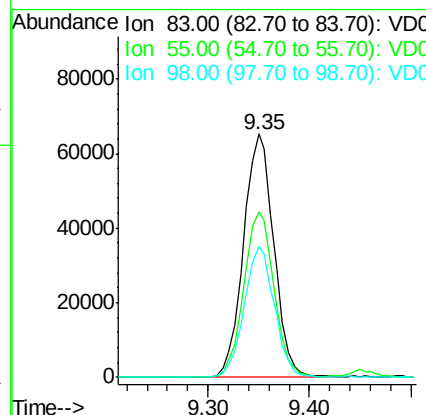
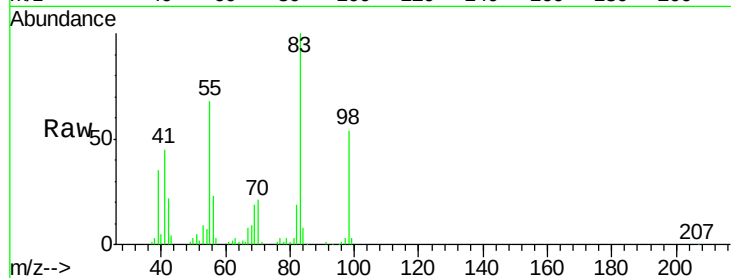




#39
Methylcyclohexane
Concen: 52.199 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

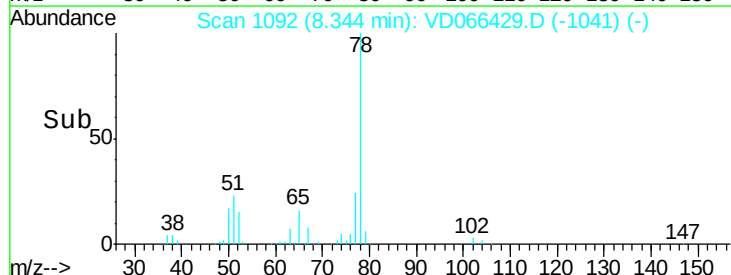
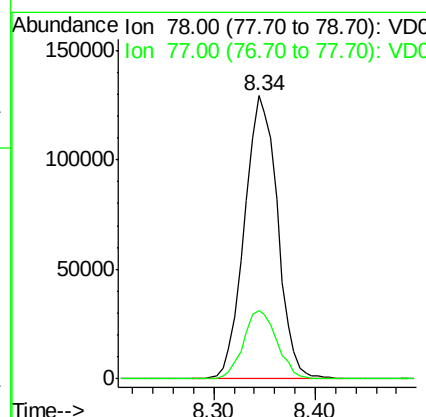
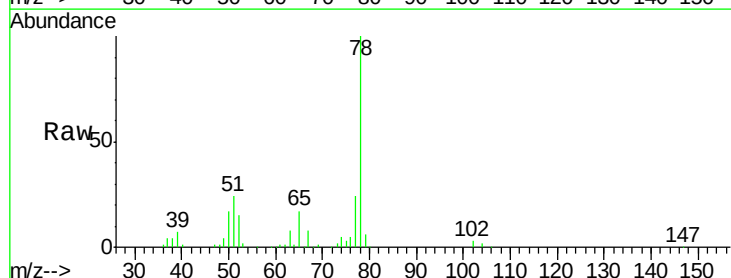
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

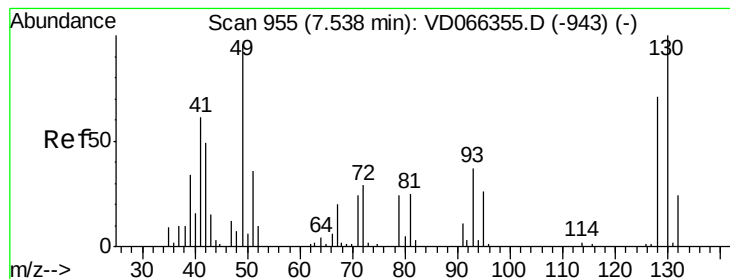
Tgt Ion: 83 Resp: 135131
Ion Ratio Lower Upper
83 100
55 67.9 58.0 87.0
98 53.7 41.9 62.9



#40
Benzene
Concen: 50.724 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 78 Resp: 293250
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 118.111 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 54442

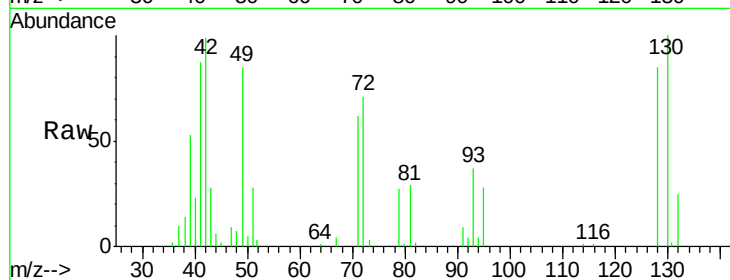
Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

67 0.0 0.0 0.0

52 0.0 0.0 0.0

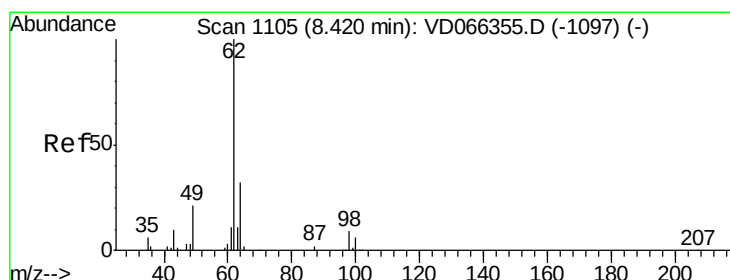
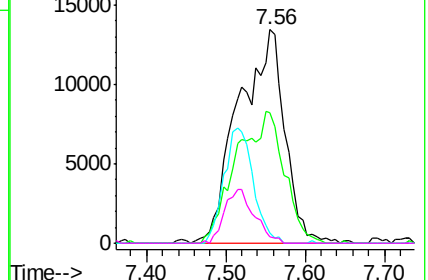
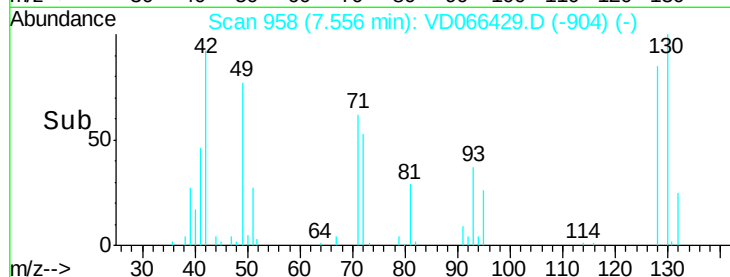


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 56.177 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066429.D

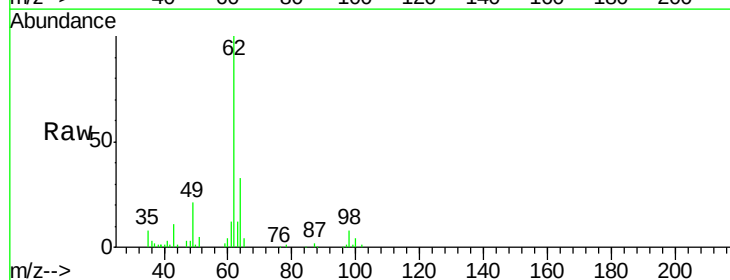
Acq: 27 Aug 2020 11:37

Tgt Ion: 62 Resp: 114386

Ion Ratio Lower Upper

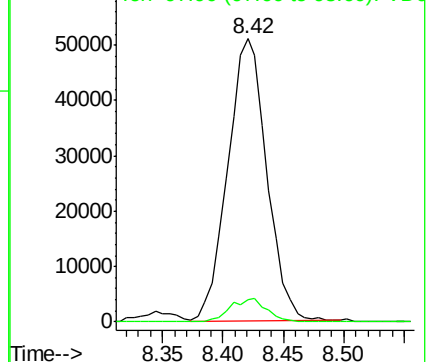
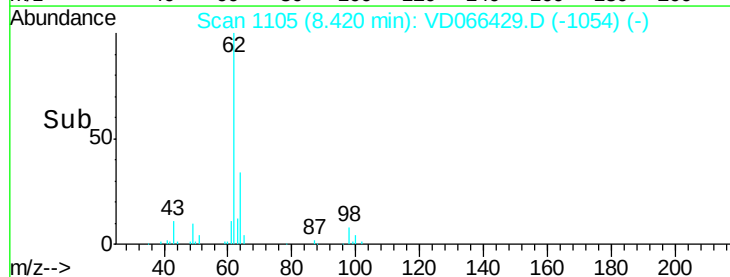
62 100

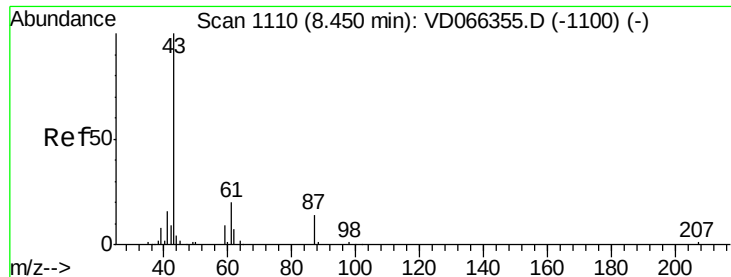
98 7.9 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.390 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

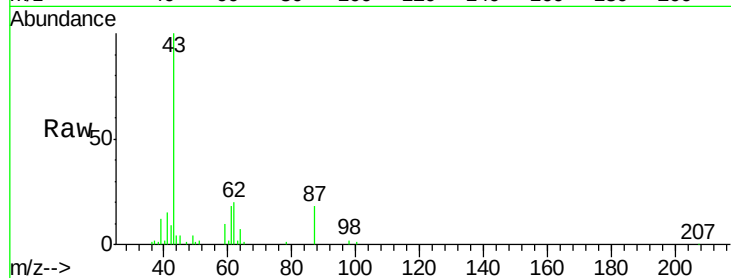
Tgt Ion: 43 Resp: 77098

Ion Ratio Lower Upper

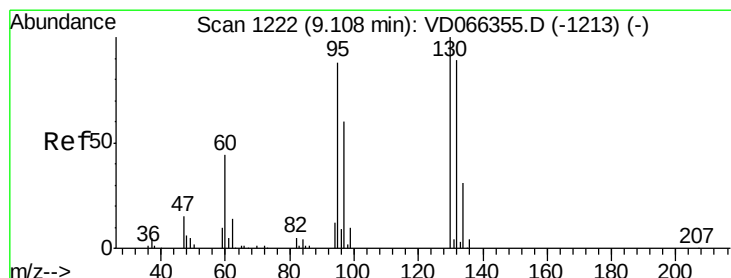
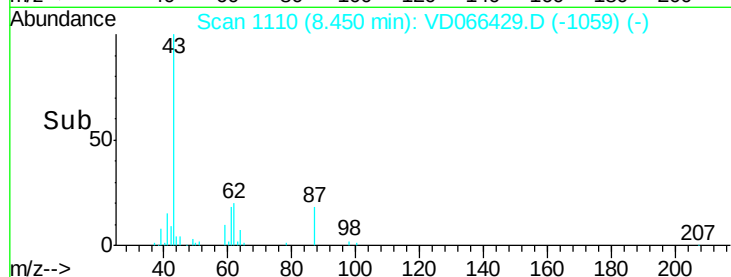
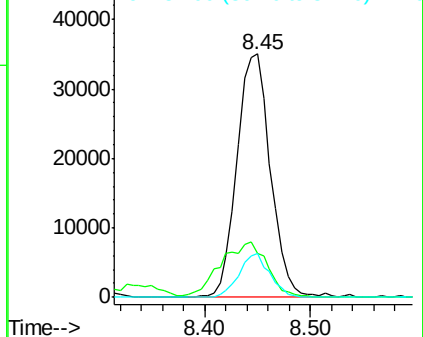
43 100

61 31.9 26.5 39.7

87 16.5 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.178 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066429.D

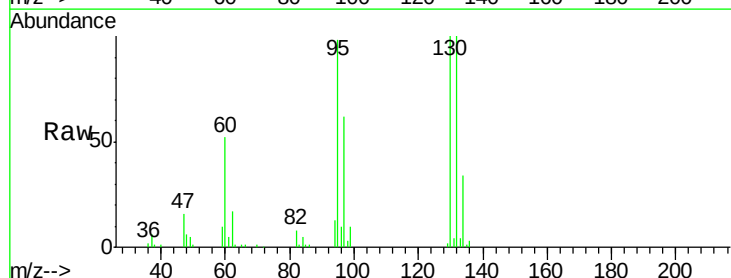
Acq: 27 Aug 2020 11:37

Tgt Ion: 130 Resp: 96141

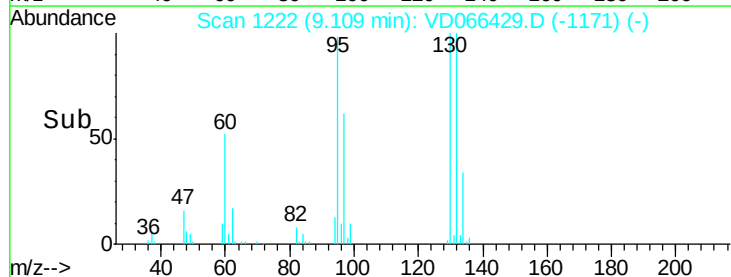
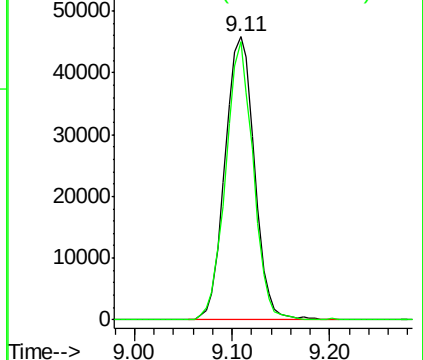
Ion Ratio Lower Upper

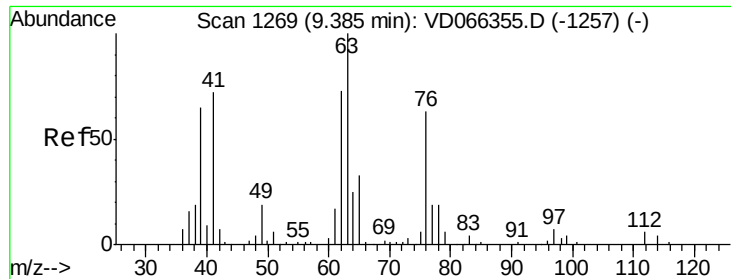
130 100

95 98.4 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

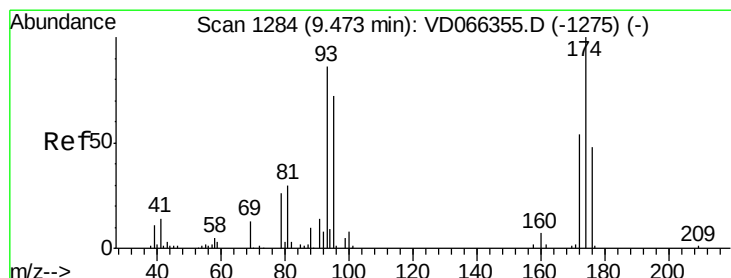
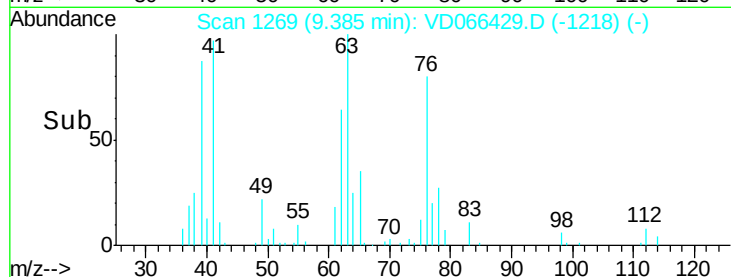
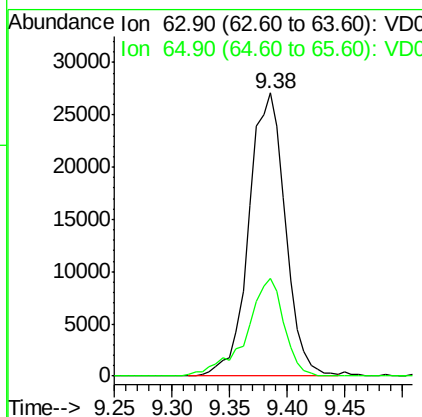
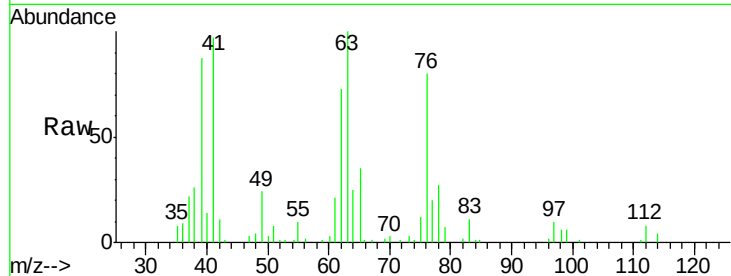




#45
 1,2-Dichloropropane
 Concen: 45.412 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

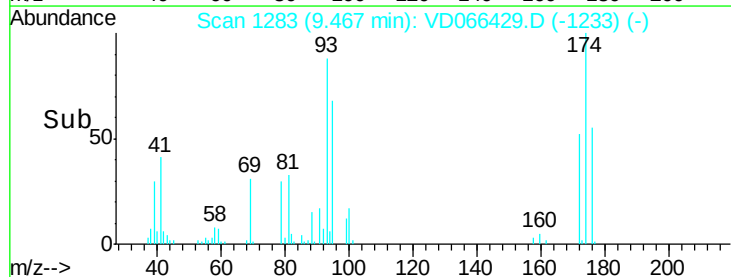
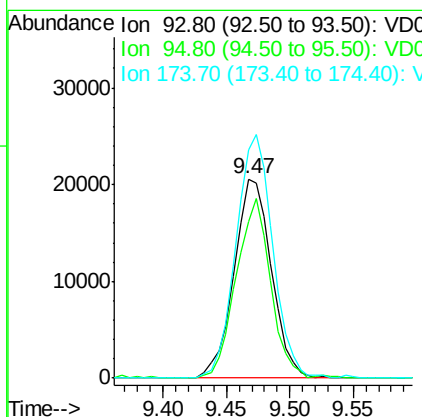
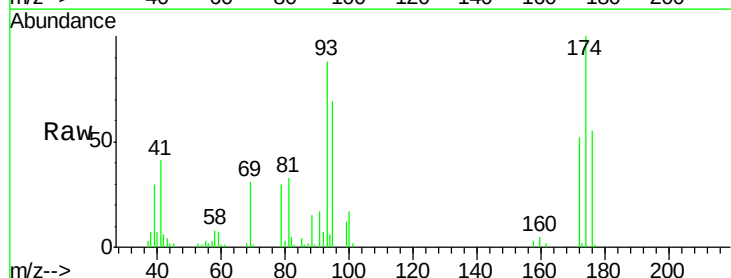
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

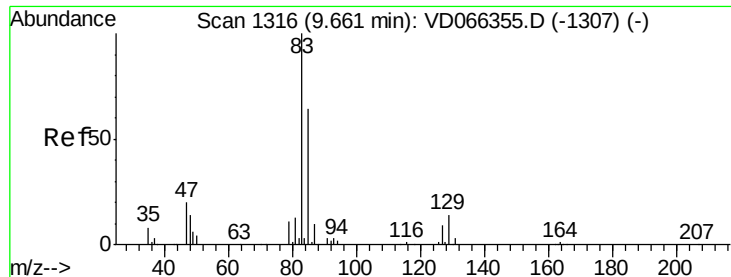
Tgt Ion: 63 Resp: 59519
 Ion Ratio Lower Upper
 63 100
 65 34.7 26.4 39.6



#46
 Dibromomethane
 Concen: 51.504 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 93 Resp: 42029
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.0 99.0
 174 120.4 94.6 141.8

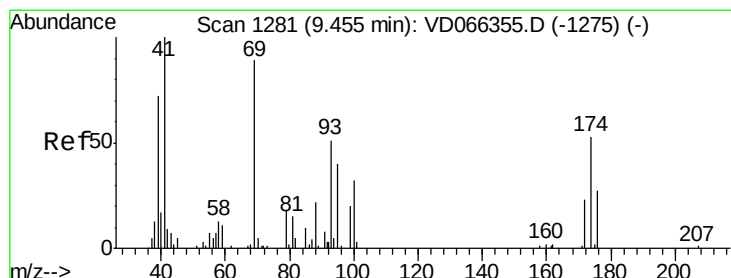
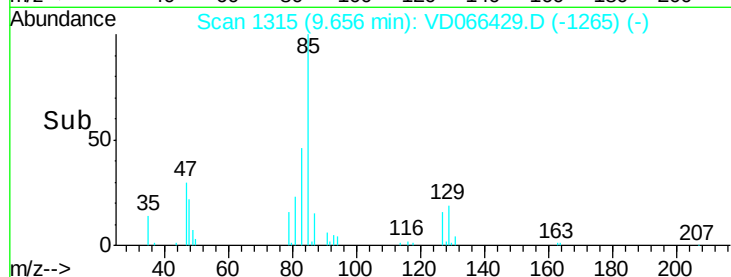
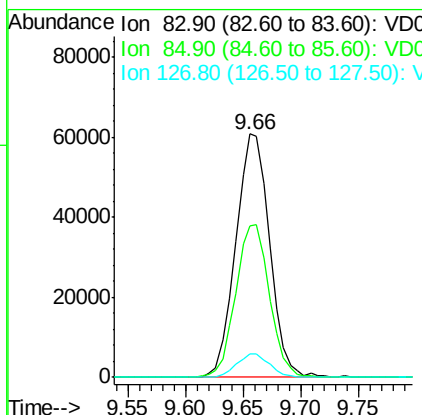
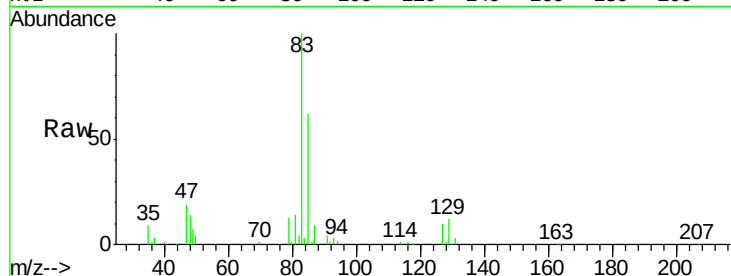




#47
Bromodichloromethane
Concen: 55.192 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

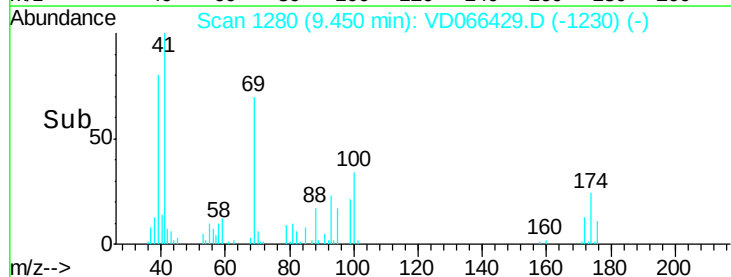
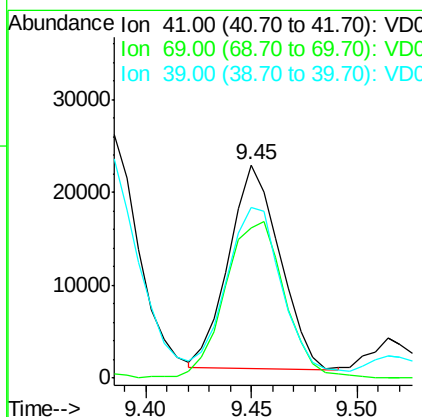
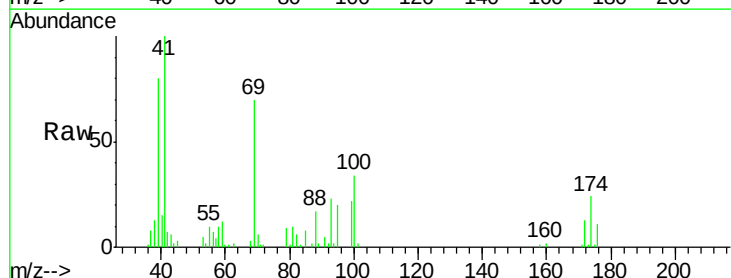
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

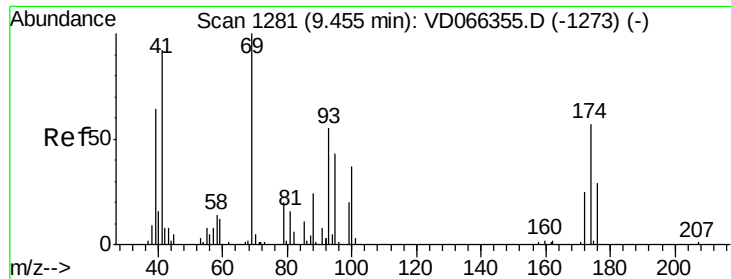
Tgt Ion: 83 Resp: 123860
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0
127 9.8 7.4 11.0



#48
Methyl methacrylate
Concen: 47.506 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 41 Resp: 36752
Ion Ratio Lower Upper
41 100
69 90.4 75.5 113.3
39 85.7 57.0 85.4#

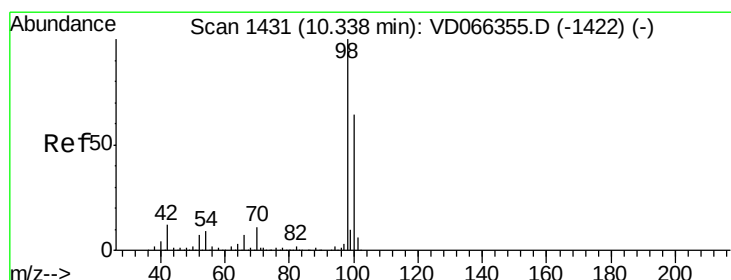
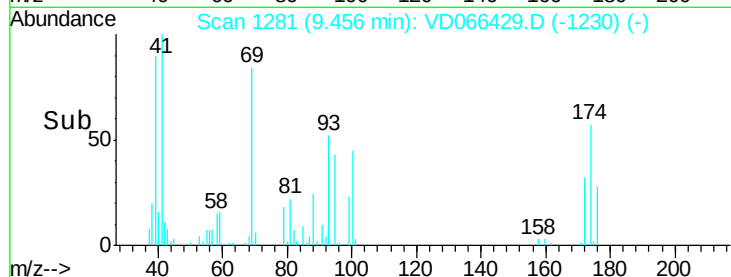
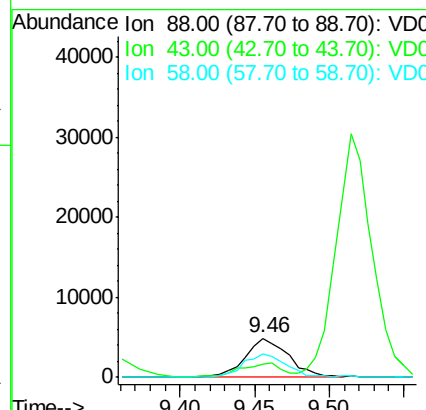
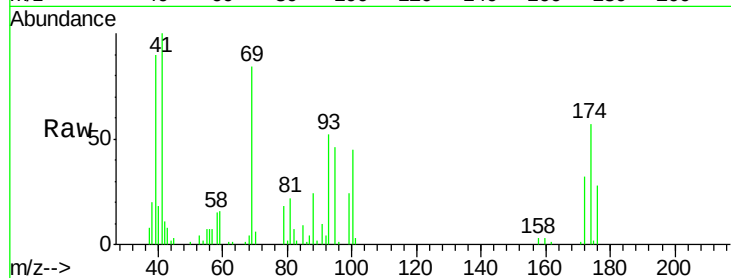




#49
1,4-Dioxane
Concen: 1030.868 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

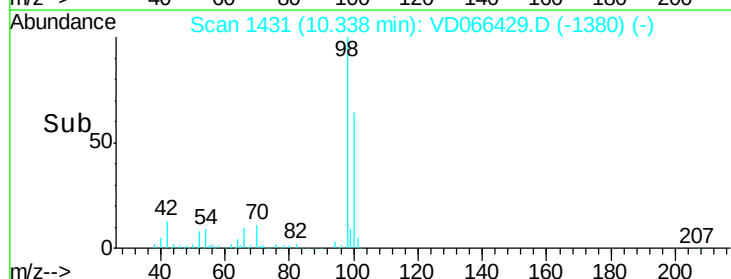
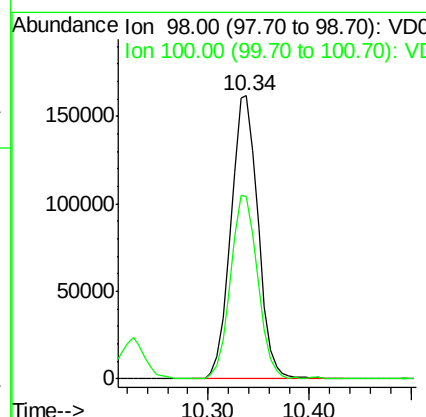
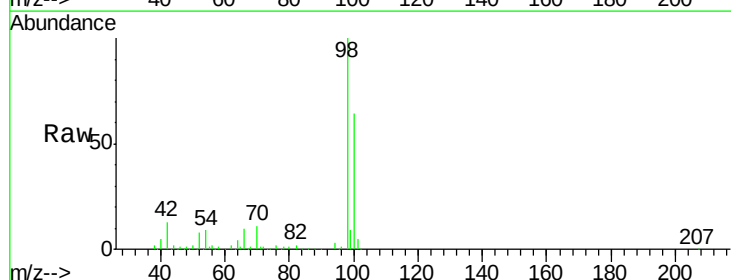
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

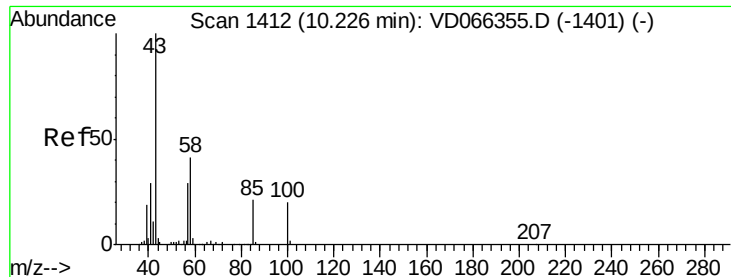
Tgt Ion: 88 Resp: 9768
Ion Ratio Lower Upper
88 100
43 37.0 29.4 44.0
58 59.1 45.4 68.2



#50
Toluene-d8
Concen: 54.656 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 98 Resp: 301182
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

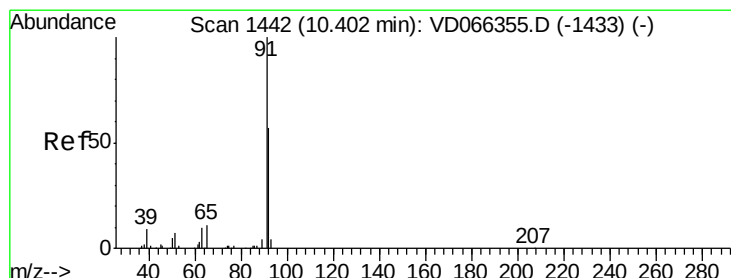
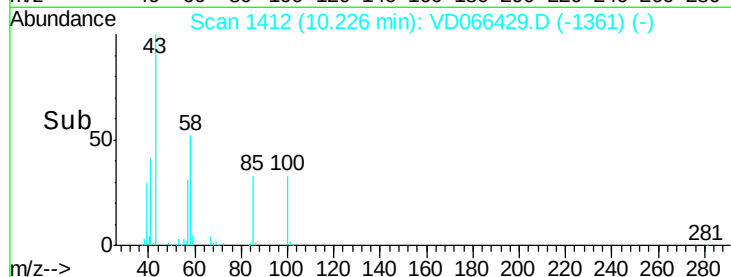
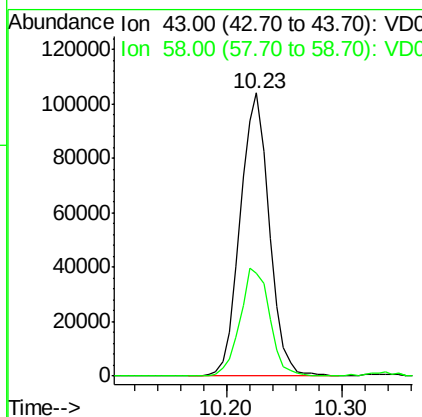
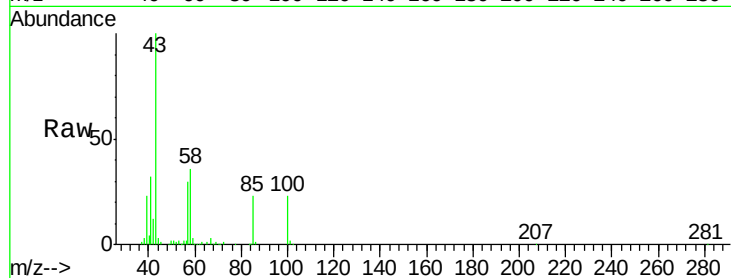




#51
 4-Methyl-2-Pentanone
 Concen: 250.723 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

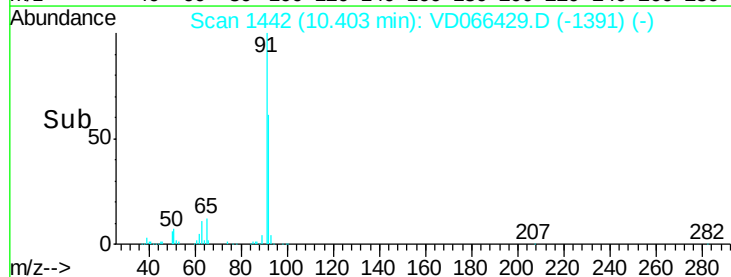
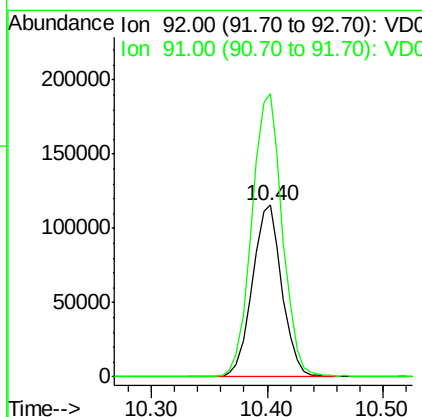
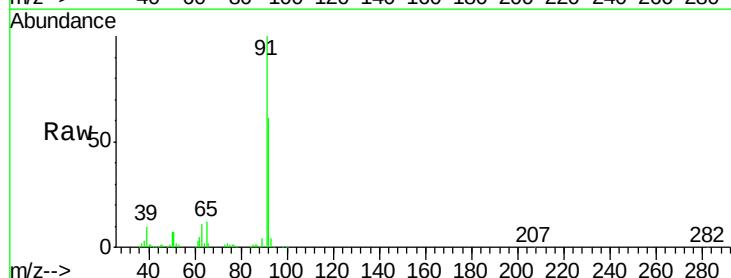
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

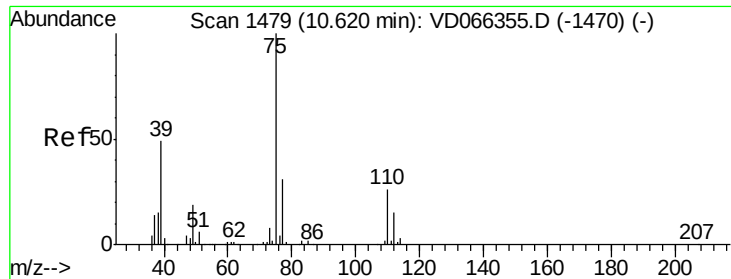
Tgt Ion: 43 Resp: 181964
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.4 47.2



#52
 Toluene
 Concen: 52.784 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 92 Resp: 206747
 Ion Ratio Lower Upper
 92 100
 91 170.6 135.8 203.6

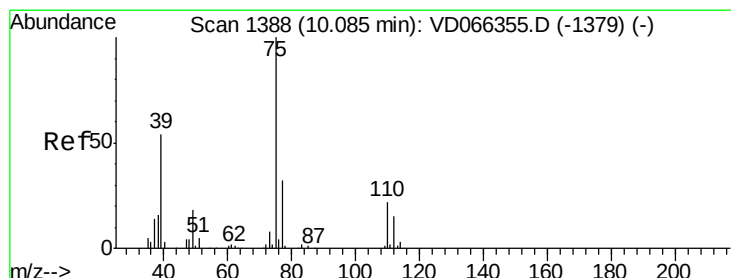
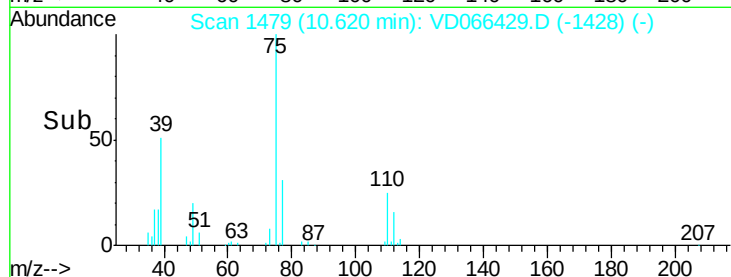
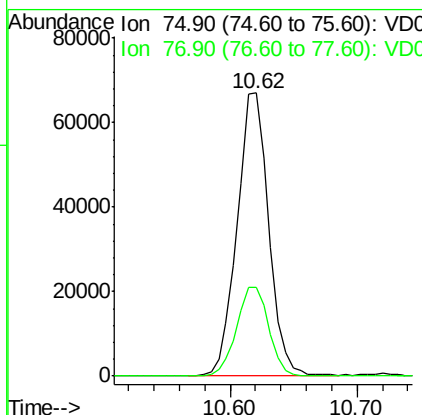
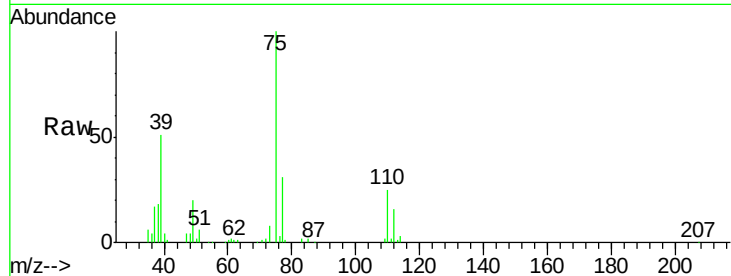




#53
 t-1,3-Dichloropropene
 Concen: 54.524 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

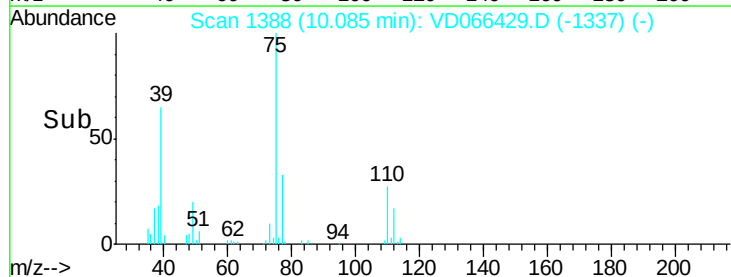
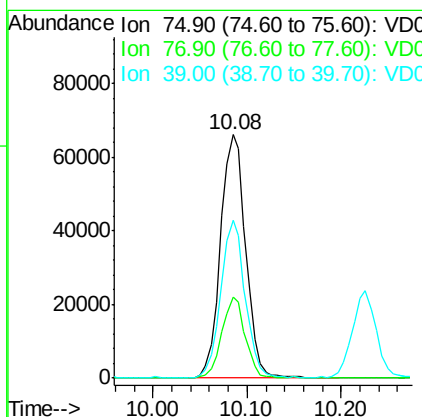
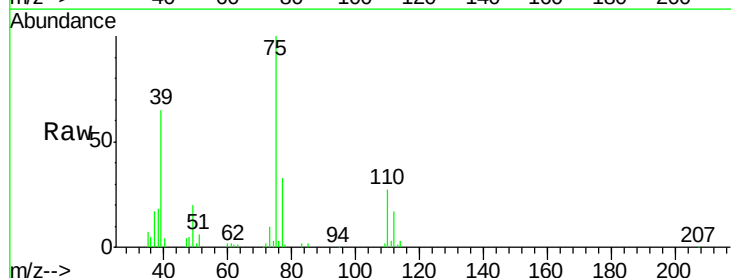
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

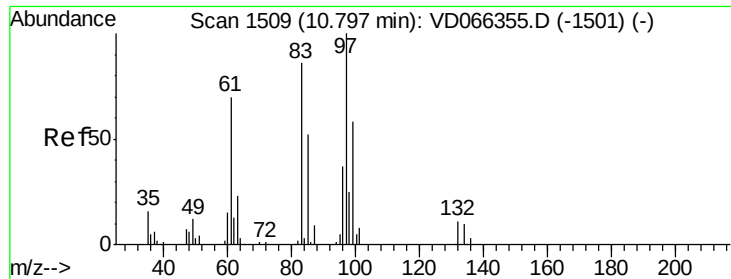
Tgt Ion: 75 Resp: 116104
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.661 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 75 Resp: 123479
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4
 39 64.9 43.4 65.0

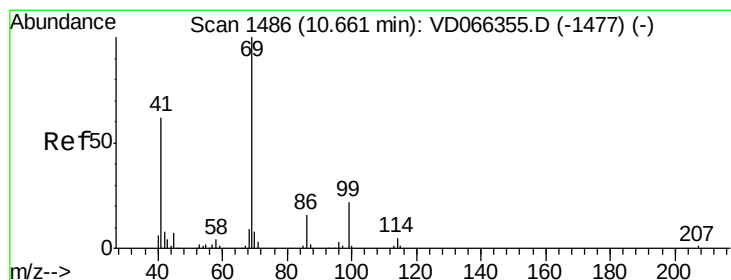
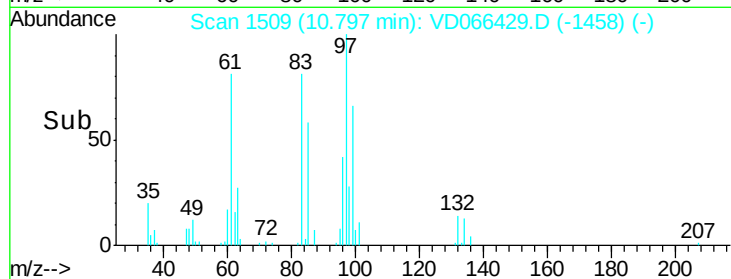
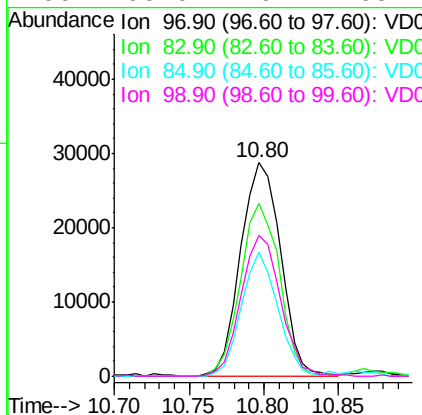
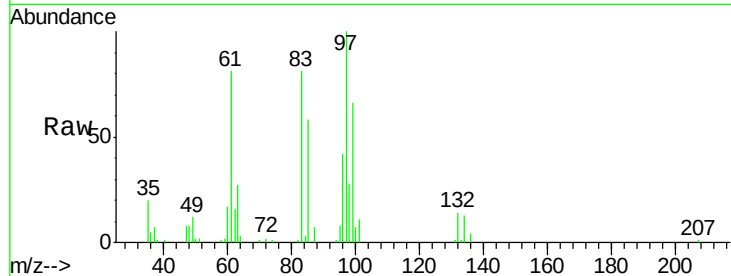




#55
 1,1,2-Trichloroethane
 Concen: 48.663 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

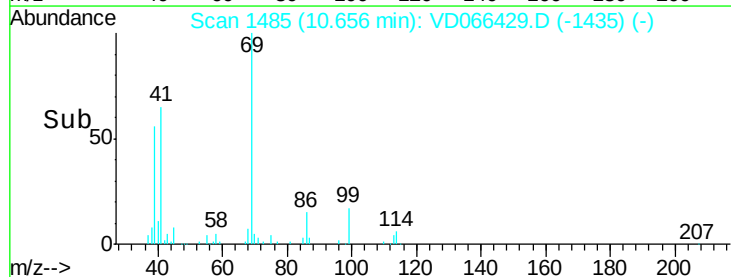
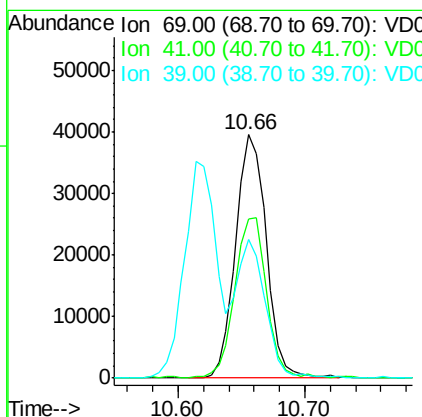
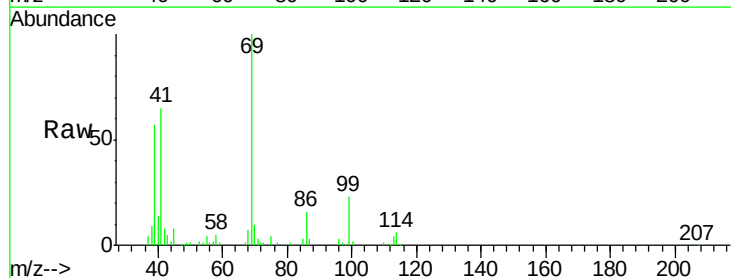
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

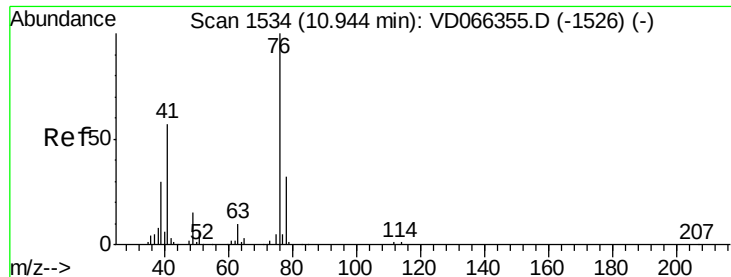
Tgt Ion:	97	Resp:	53759
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.4	102.6
85	58.0	41.3	61.9
99	66.0	46.1	69.1



#56
 Ethyl methacrylate
 Concen: 52.006 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion:	69	Resp:	66508
Ion	Ratio	Lower	Upper
69	100		
41	67.8	50.8	76.2
39	54.3	32.9	49.3#

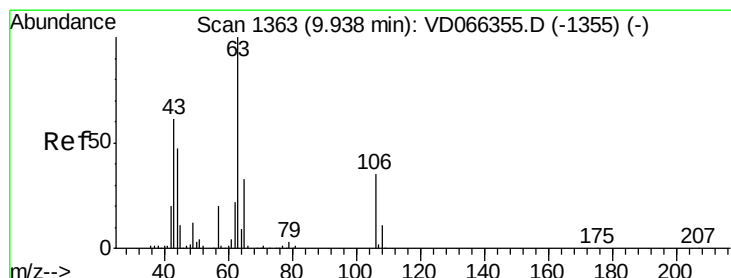
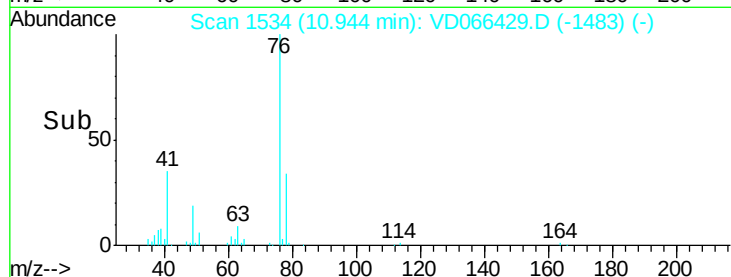
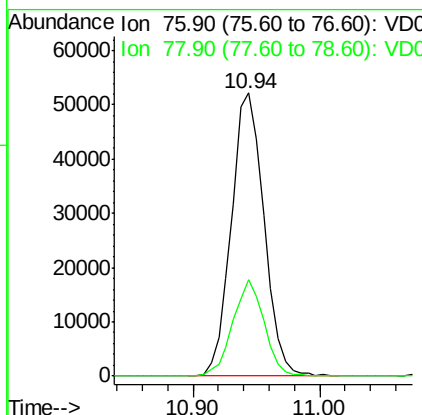
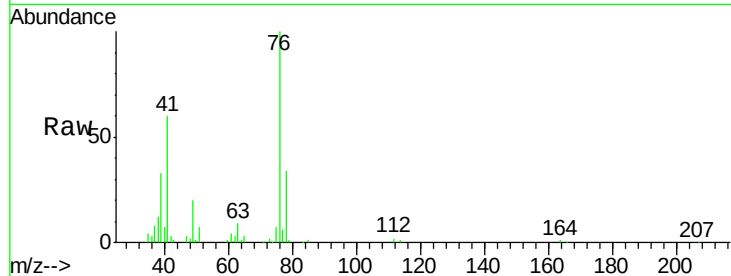




#57
 1,3-Dichloropropane
 Concen: 50.932 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

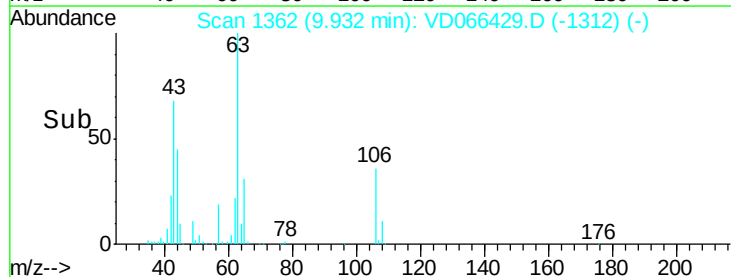
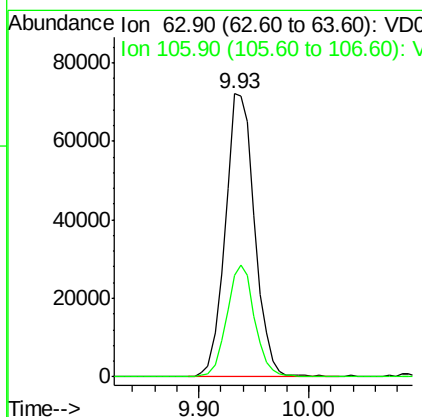
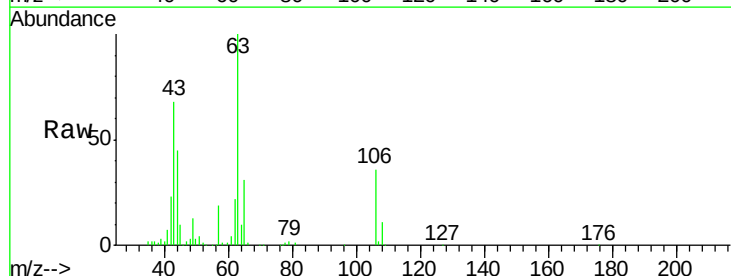
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

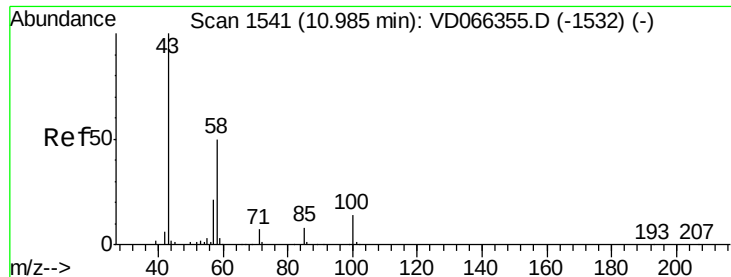
Tgt Ion: 76 Resp: 93070
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.507 ug/l
 RT: 9.93 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 63 Resp: 134118
 Ion Ratio Lower Upper
 63 100
 106 37.3 27.1 40.7

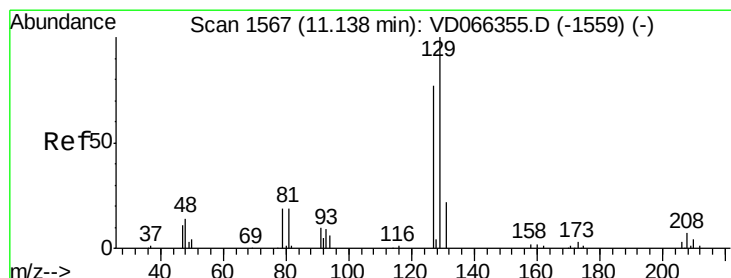
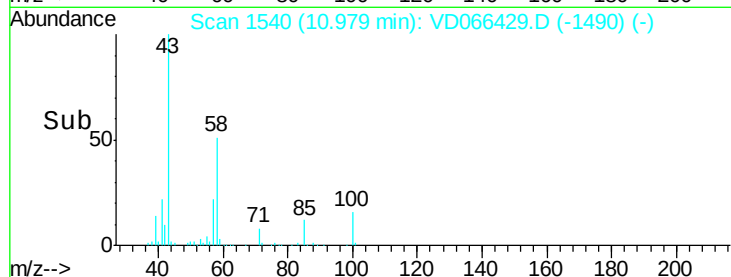
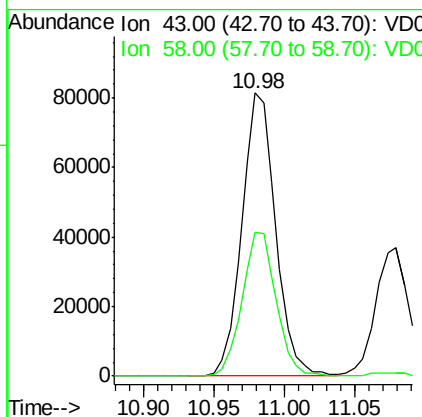
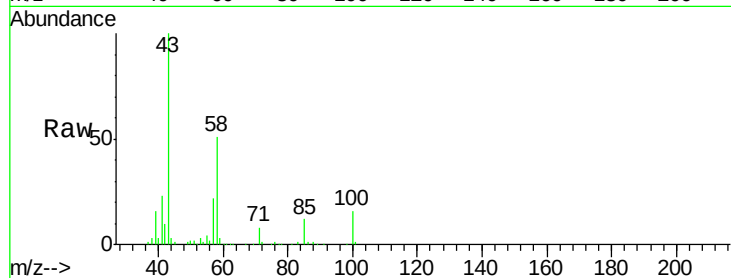




#59
2-Hexanone
Concen: 266.255 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

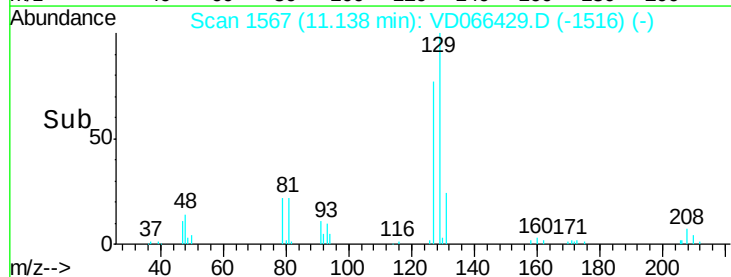
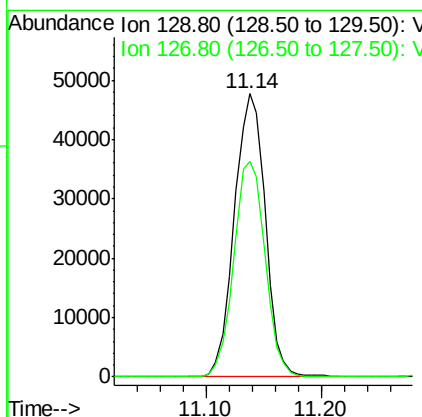
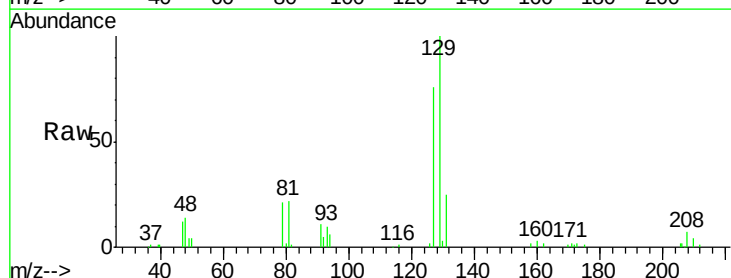
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

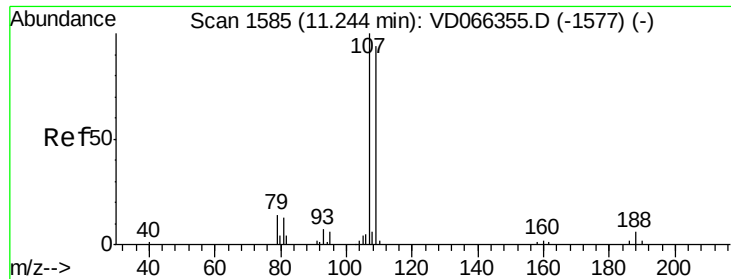
Tgt Ion: 43 Resp: 136302
Ion Ratio Lower Upper
43 100
58 51.2 26.3 78.8



#60
Dibromochloromethane
Concen: 53.147 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 129 Resp: 88500
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

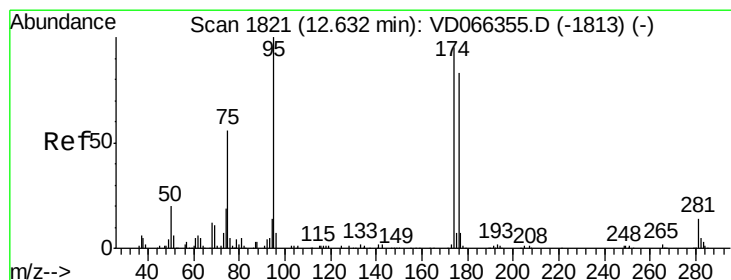
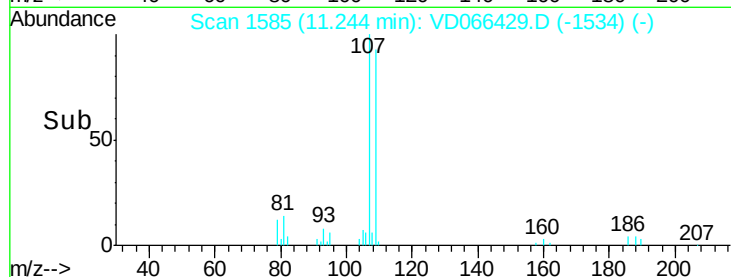
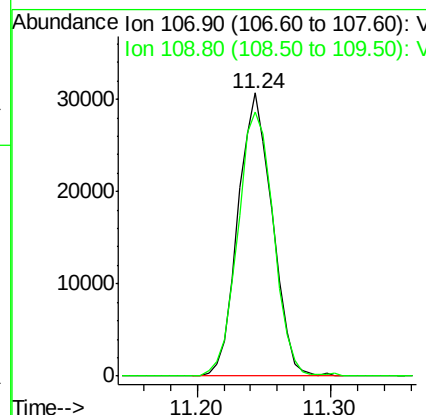
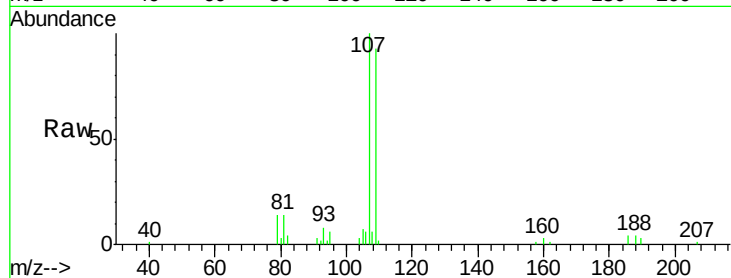




#61
 1,2-Dibromoethane
 Concen: 50.238 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

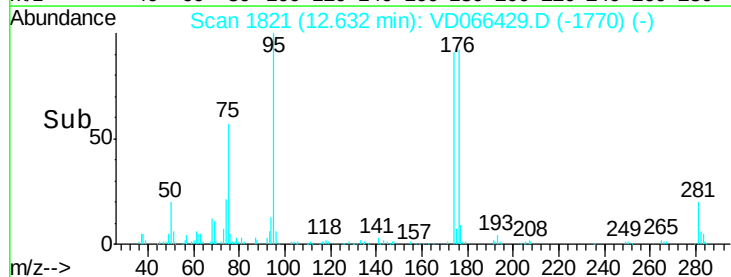
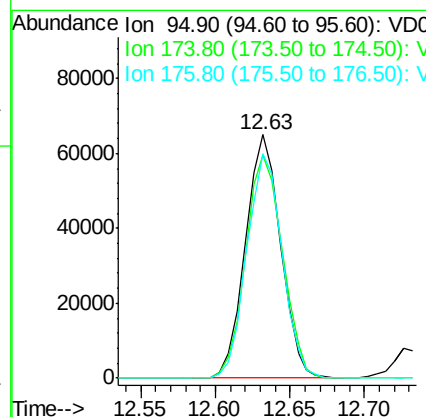
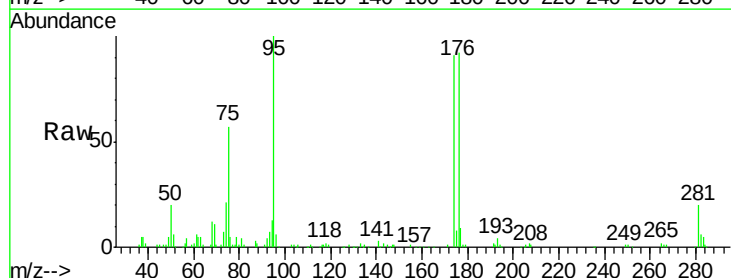
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

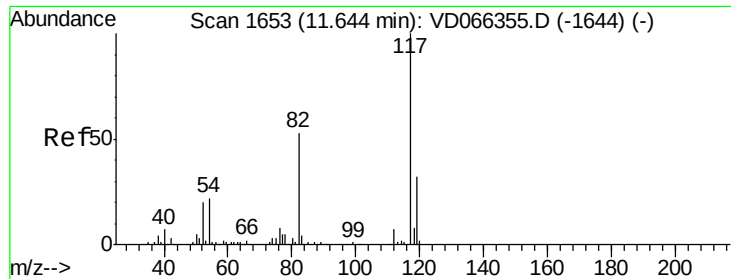
Tgt Ion: 107 Resp: 54617
 Ion Ratio Lower Upper
 107 100
 109 96.8 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 54.299 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 95 Resp: 106176
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 183.4
 176 92.3 0.0 173.8

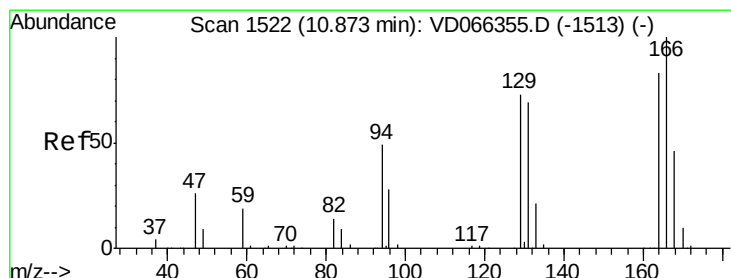
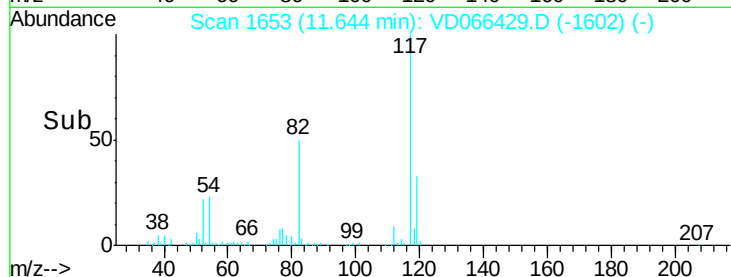
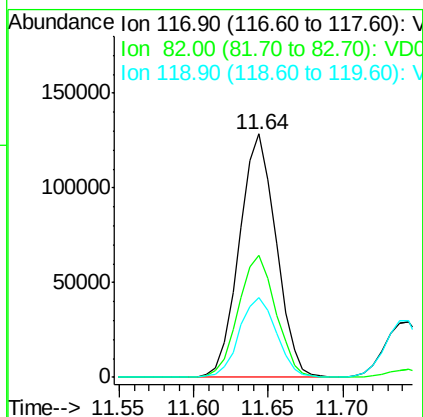
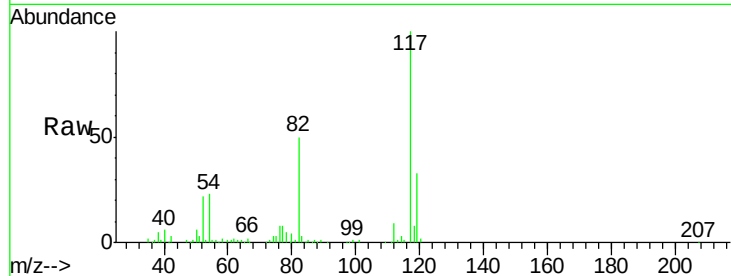




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

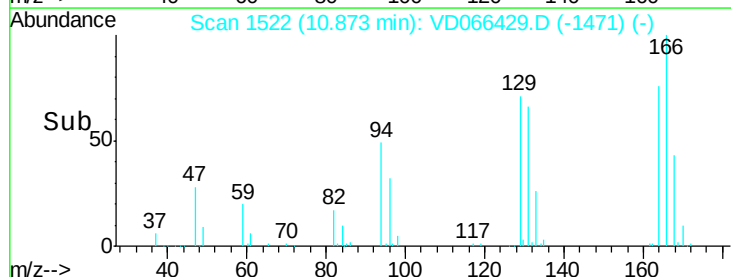
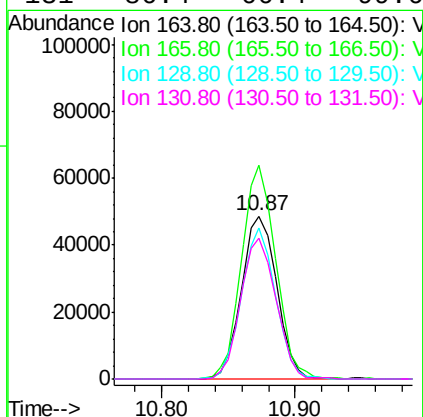
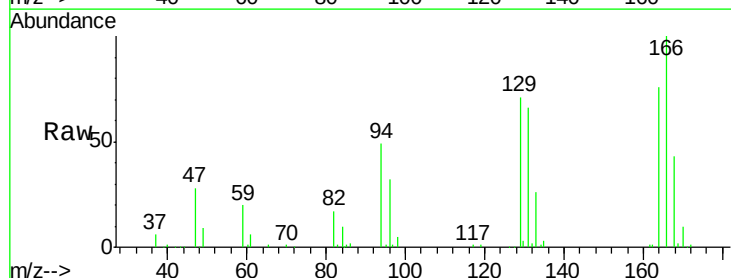
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

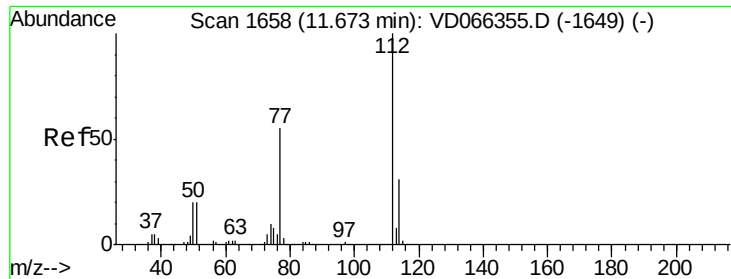
Tgt Ion:117 Resp: 220047
Ion Ratio Lower Upper
117 100
82 50.4 42.8 64.2
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 53.131 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion:164 Resp: 88690
Ion Ratio Lower Upper
164 100
166 131.0 96.2 144.4
129 92.8 70.3 105.5
131 86.4 66.4 99.6





#65

Chlorobenzene

Concen: 51.419 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

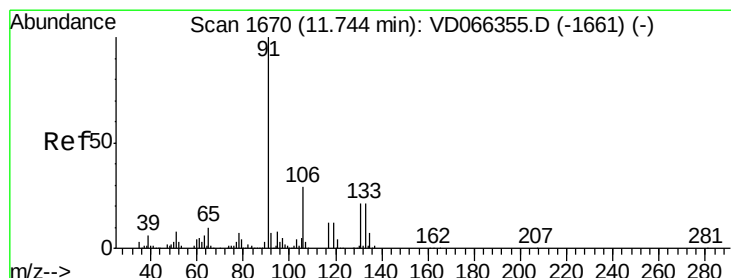
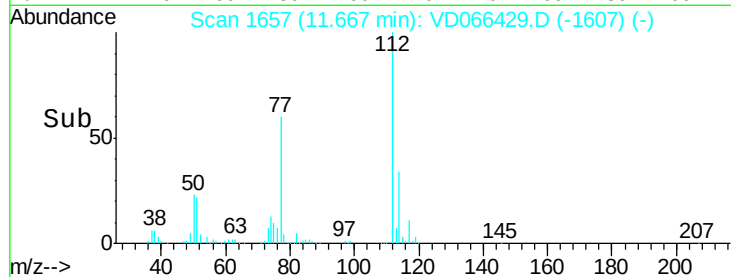
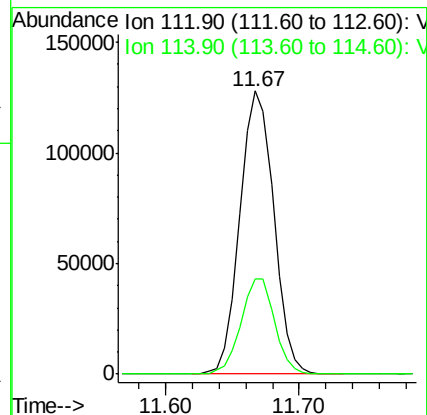
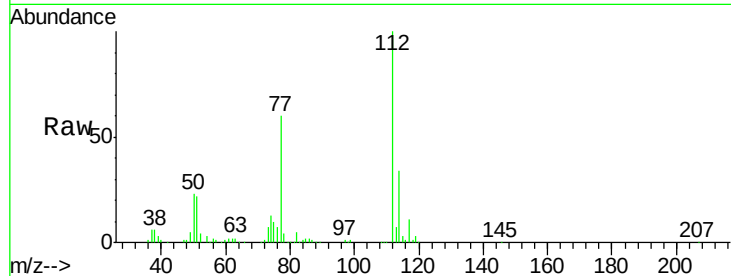
VSTDCCC050

Tgt Ion:112 Resp: 225103

Ion Ratio Lower Upper

112 100

114 33.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.643 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

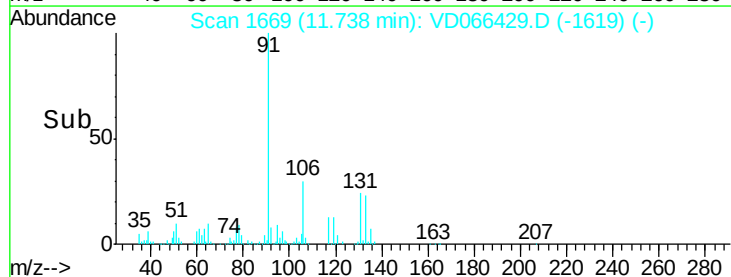
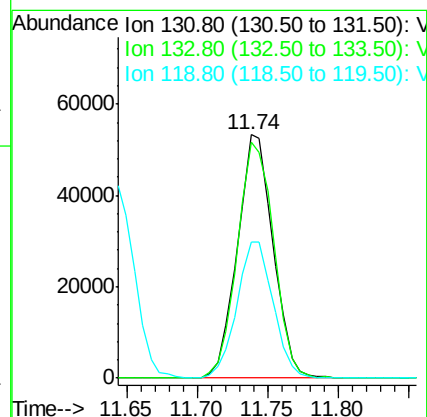
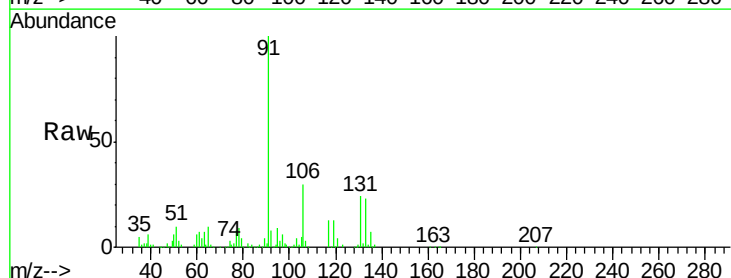
Tgt Ion:131 Resp: 94183

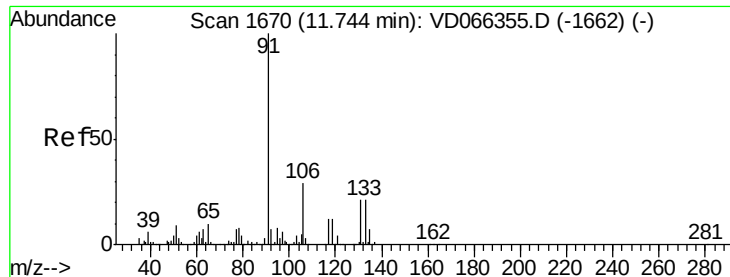
Ion Ratio Lower Upper

131 100

133 99.1 48.6 145.9

119 57.0 29.0 87.1





#67

Ethyl Benzene

Concen: 53.546 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

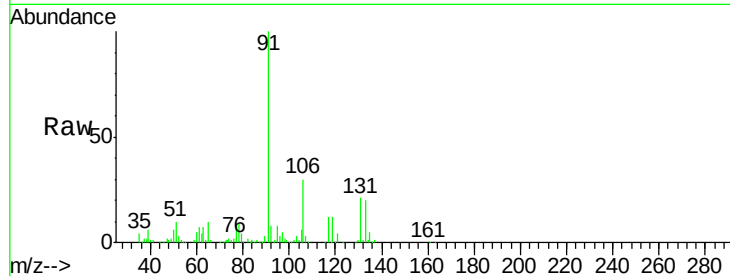
VSTDCCC050

Tgt Ion: 91 Resp: 412630

Ion Ratio Lower Upper

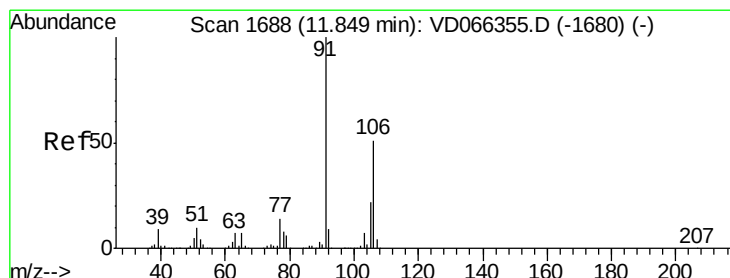
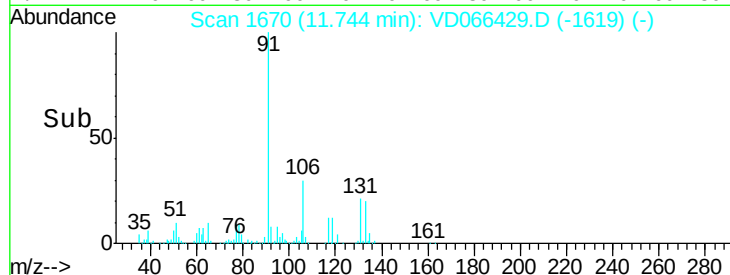
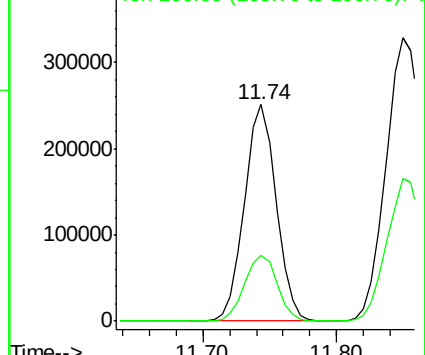
91 100

106 30.2 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.813 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066429.D

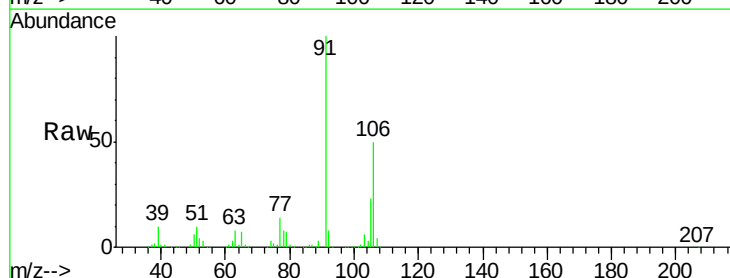
Acq: 27 Aug 2020 11:37

Tgt Ion: 106 Resp: 316671

Ion Ratio Lower Upper

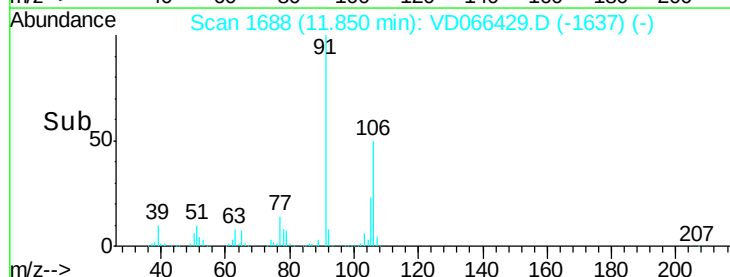
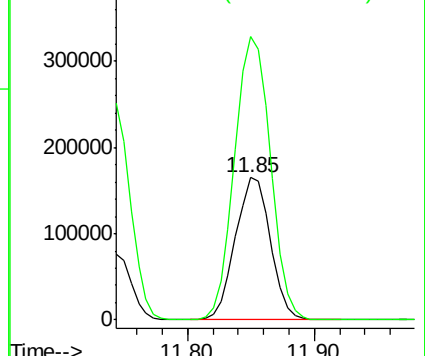
106 100

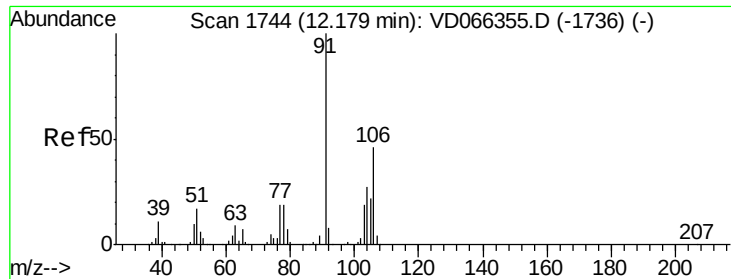
91 204.1 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

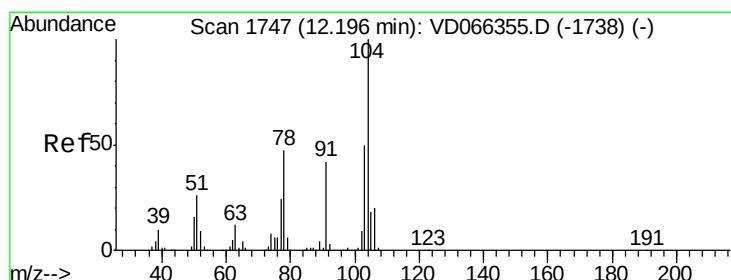
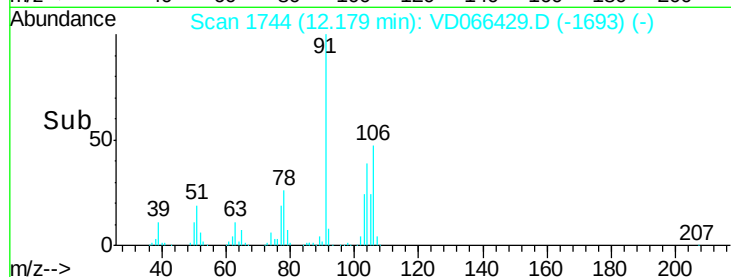
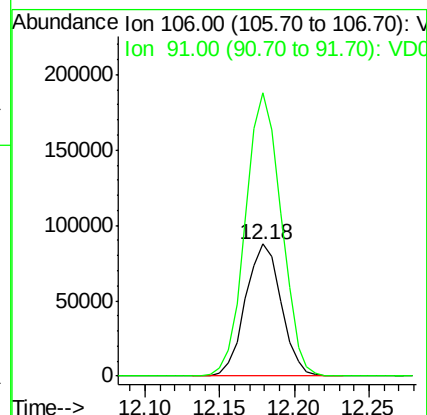
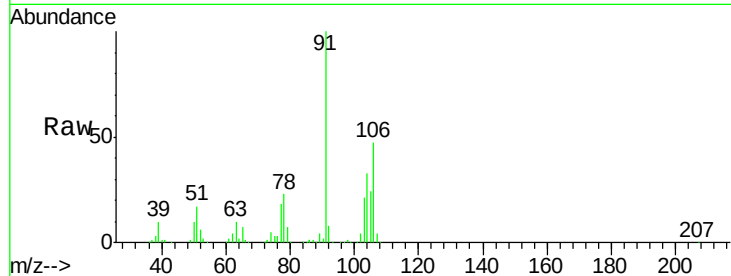




#69
o-Xylene
Concen: 53.195 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

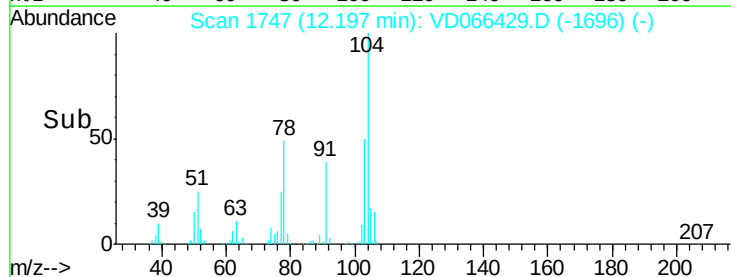
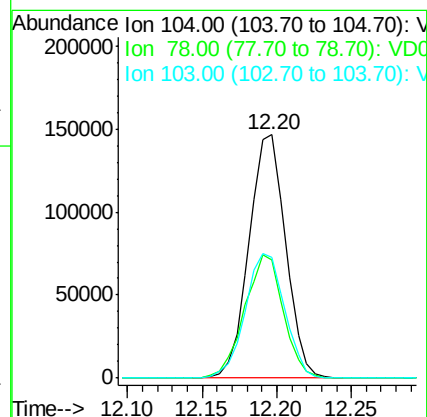
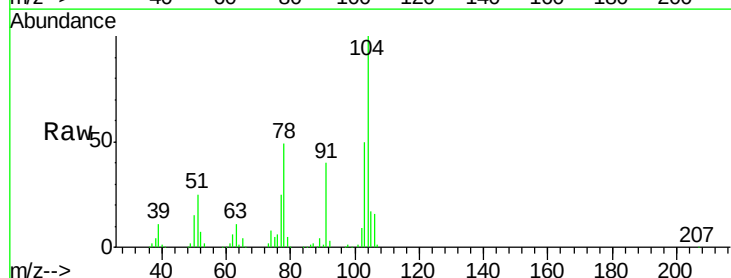
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

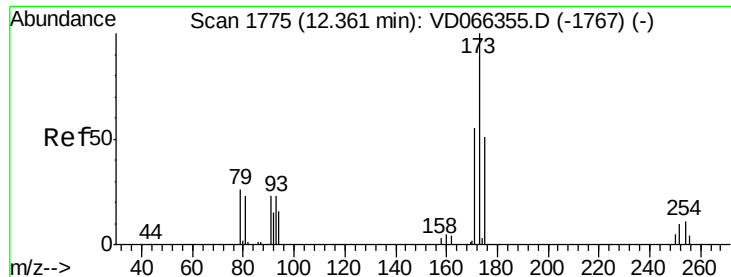
Tgt Ion:106 Resp: 145354
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.3



#70
Styrene
Concen: 53.016 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion:104 Resp: 248739
Ion Ratio Lower Upper
104 100
78 53.8 41.7 62.5
103 55.3 43.5 65.3





#71

Bromoform

Concen: 52.704 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

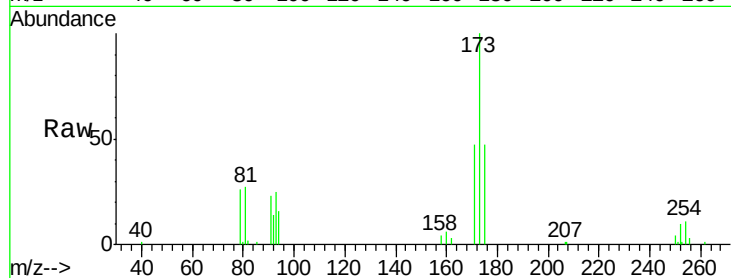
Tgt Ion:173 Resp: 53496

Ion Ratio Lower Upper

173 100

175 50.3 24.8 74.3

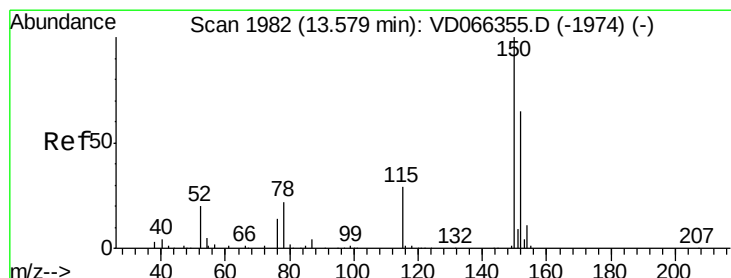
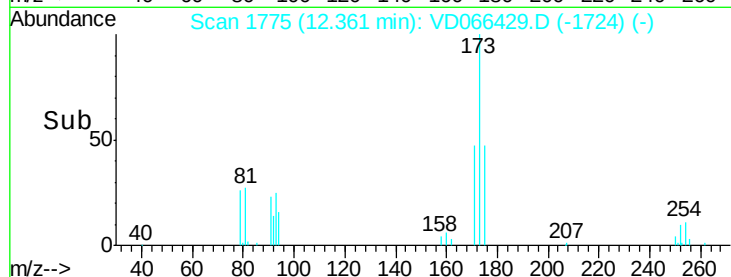
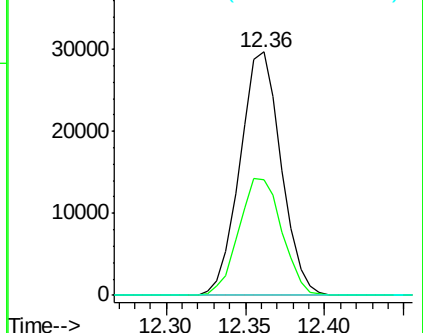
254 0.0 0.0 0.0



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: VD066429.D

Acq: 27 Aug 2020 11:37

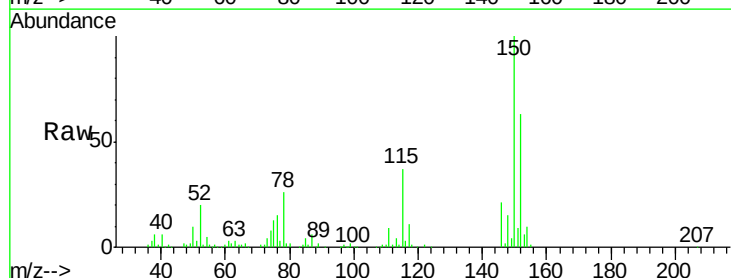
Tgt Ion:152 Resp: 116824

Ion Ratio Lower Upper

152 100

115 57.3 28.3 85.0

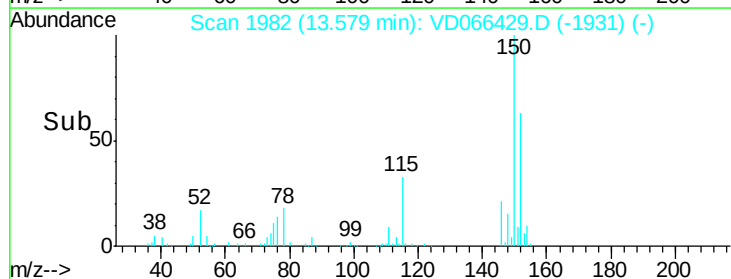
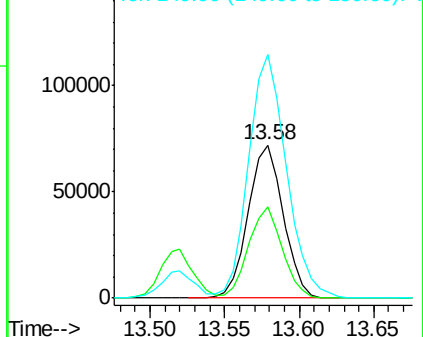
150 171.6 0.0 343.2

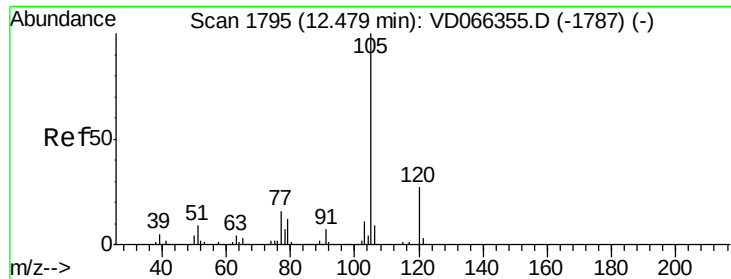


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.597 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

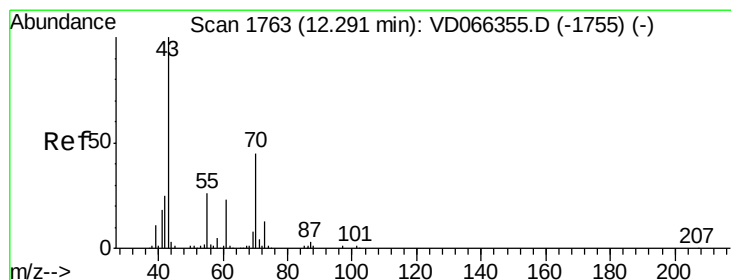
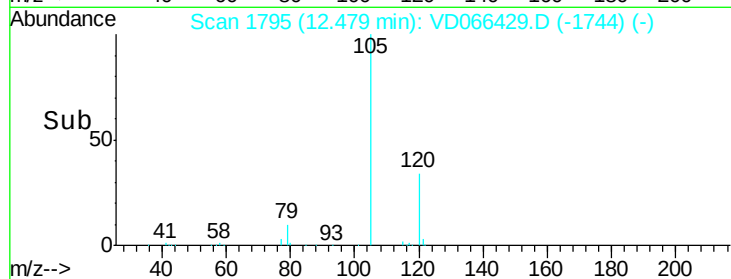
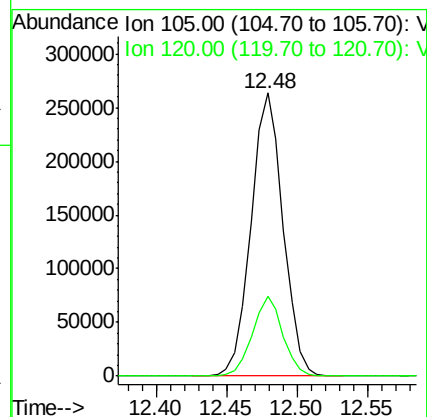
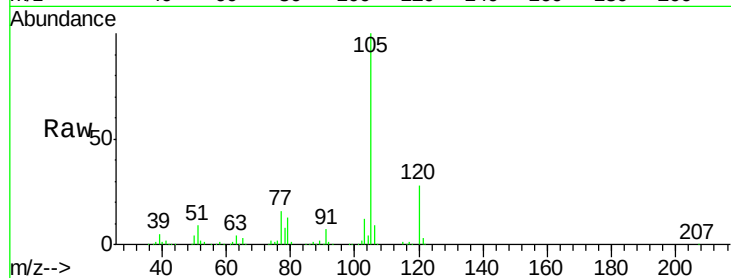
VSTDCCC050

Tgt Ion: 105 Resp: 419450

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 50.281 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Tgt Ion: 43 Resp: 71070

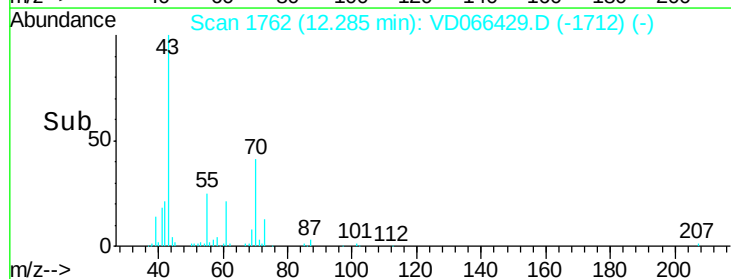
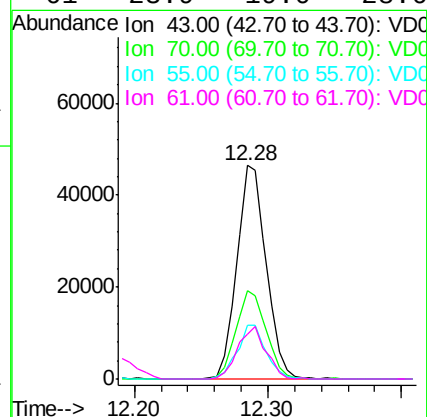
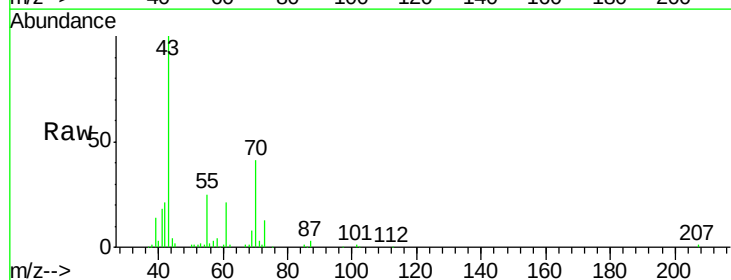
Ion Ratio Lower Upper

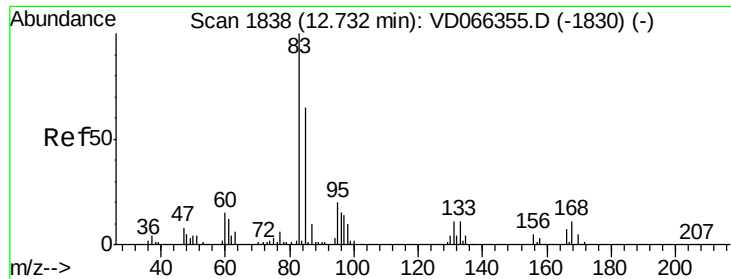
43 100

70 42.5 34.8 52.2

55 24.7 20.3 30.5

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.499 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

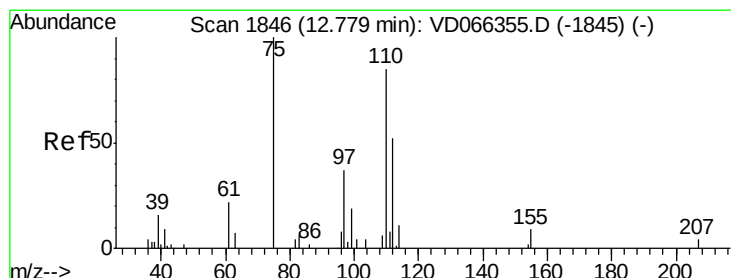
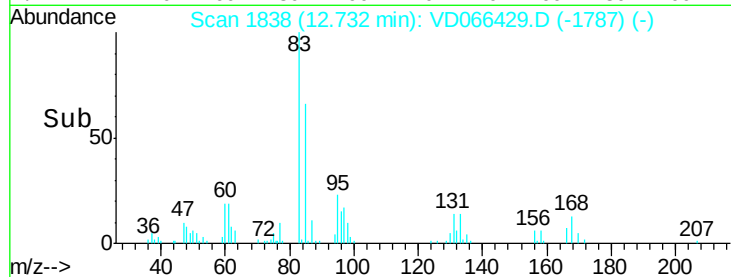
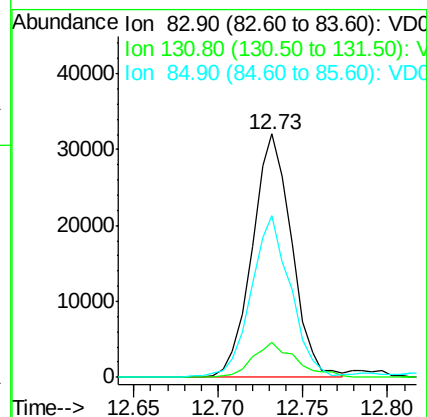
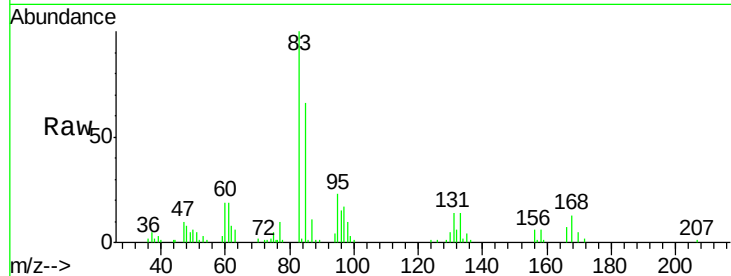
Tgt Ion: 83 Resp: 51984

Ion Ratio Lower Upper

83 100

131 15.7 7.0 20.9

85 66.6 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 100.888 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066429.D

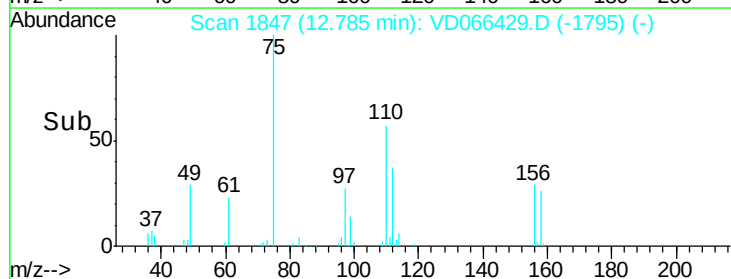
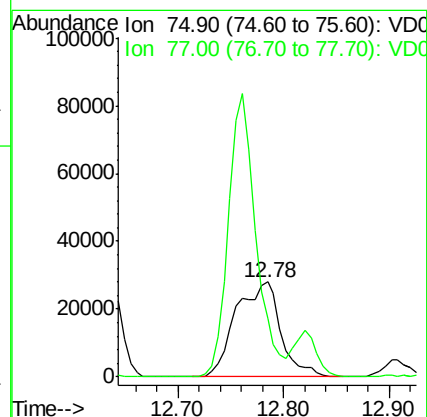
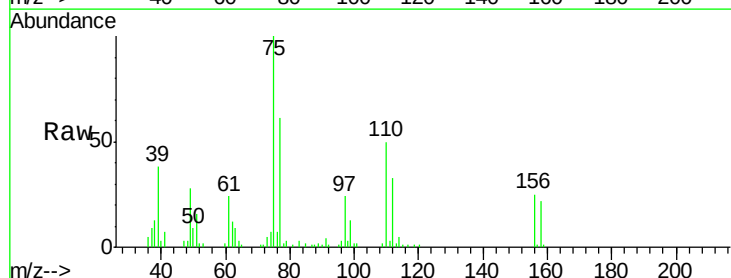
Acq: 27 Aug 2020 11:37

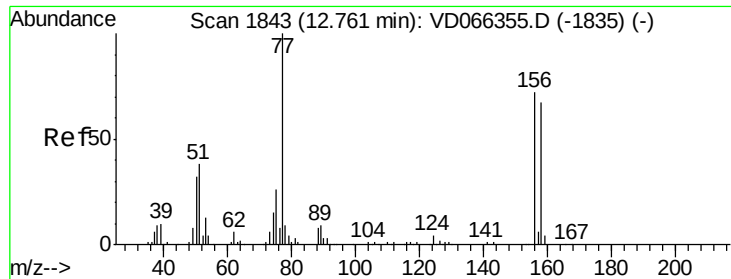
Tgt Ion: 75 Resp: 82916

Ion Ratio Lower Upper

75 100

77 0.0 182.9 548.9#





#77

Bromobenzene

Concen: 53.411 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

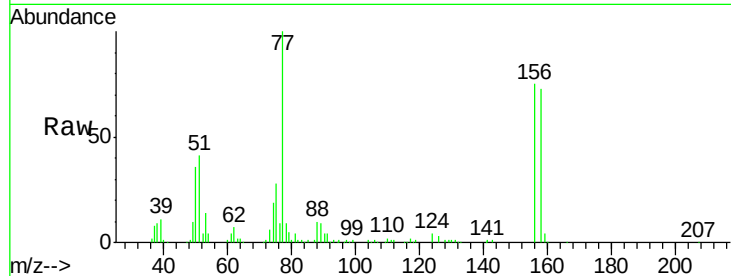
Tgt Ion:156 Resp: 106091

Ion Ratio Lower Upper

156 100

77 143.0 76.1 228.3

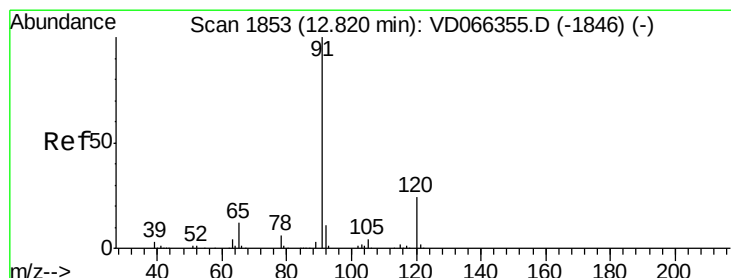
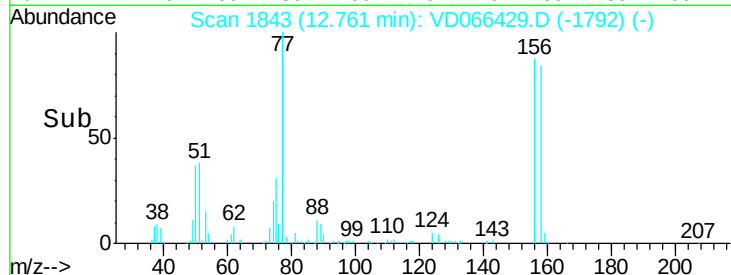
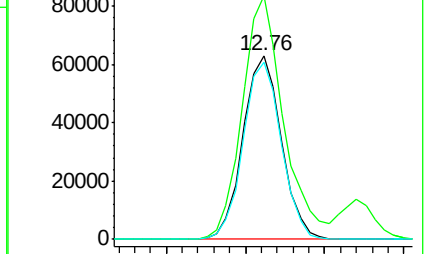
158 95.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.928 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066429.D

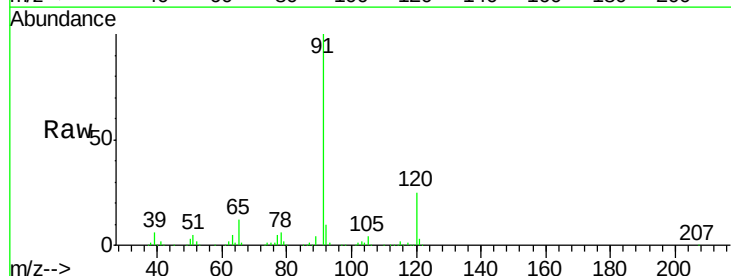
Acq: 27 Aug 2020 11:37

Tgt Ion: 91 Resp: 465961

Ion Ratio Lower Upper

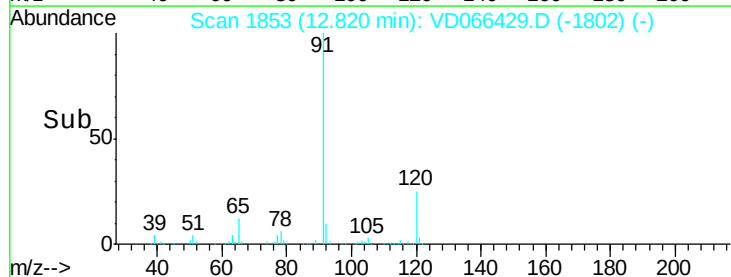
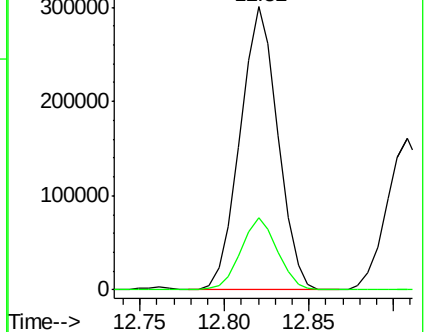
91 100

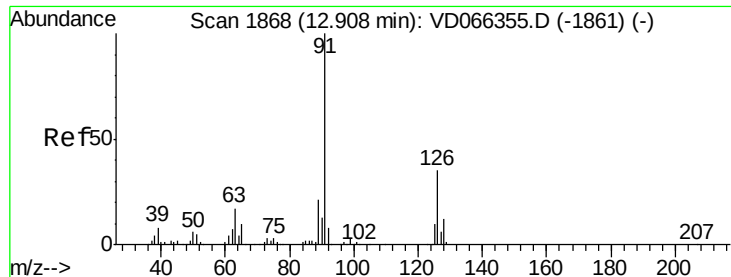
120 24.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.703 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

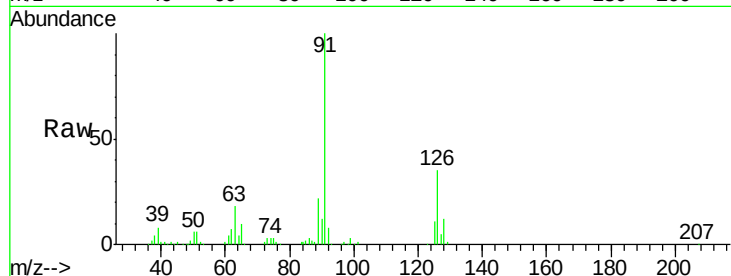
VSTDCCC050

Tgt Ion: 91 Resp: 264975

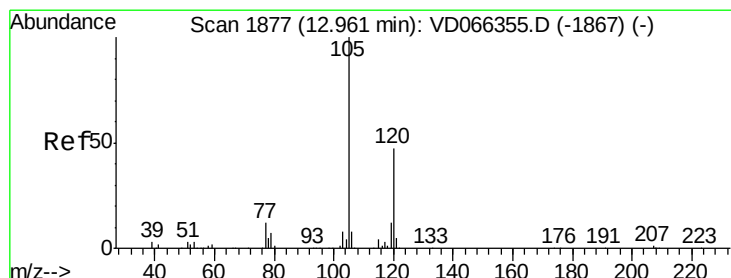
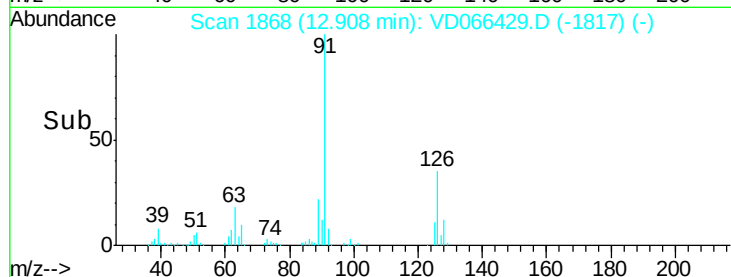
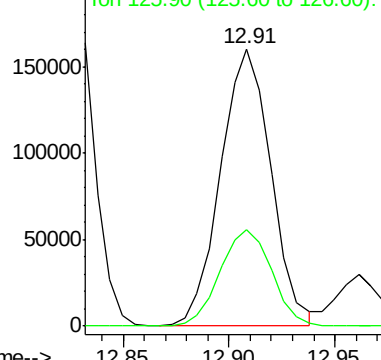
Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.256 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066429.D

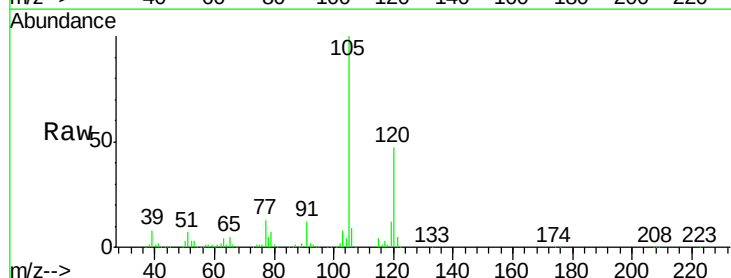
Acq: 27 Aug 2020 11:37

Tgt Ion: 105 Resp: 366609

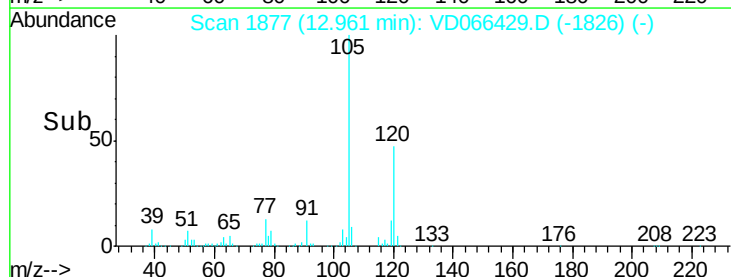
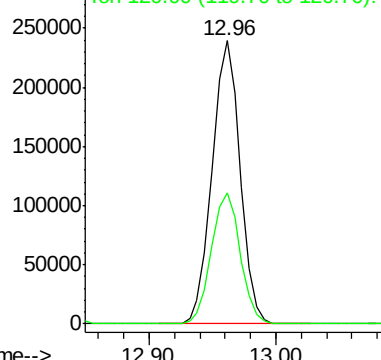
Ion Ratio Lower Upper

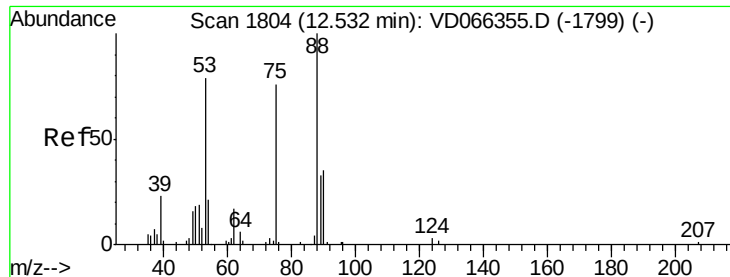
105 100

120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.300 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

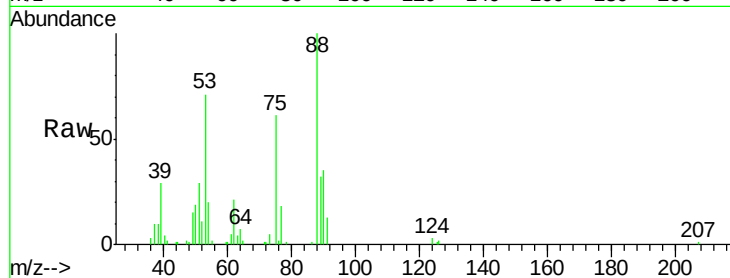
Tgt Ion: 75 Resp: 18701

Ion Ratio Lower Upper

75 100

53 132.1 87.4 131.2#

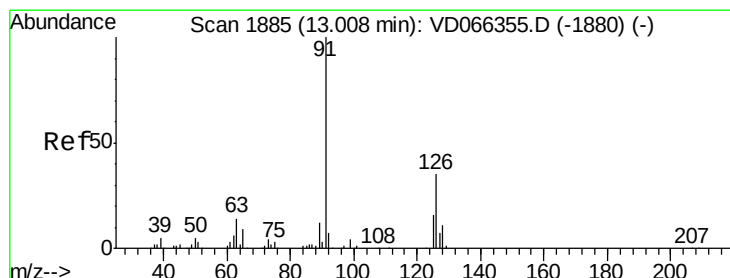
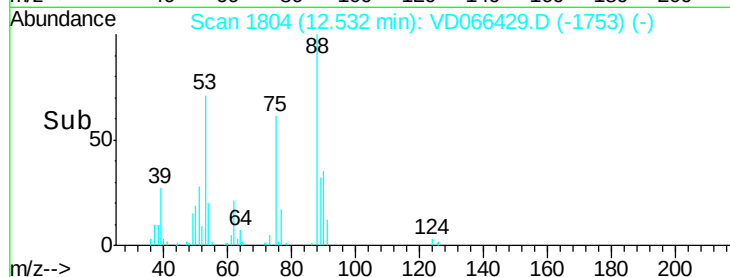
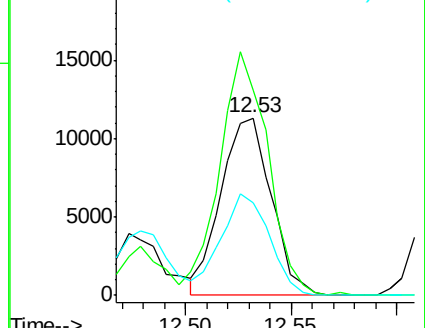
89 55.3 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.563 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066429.D

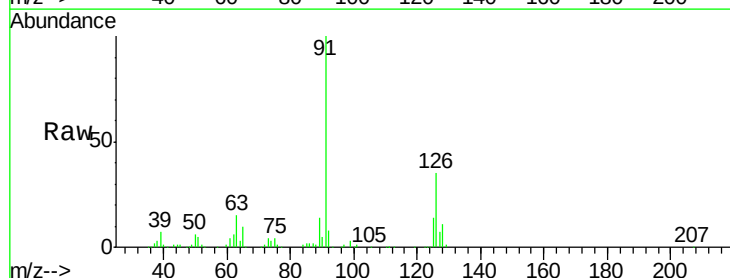
Acq: 27 Aug 2020 11:37

Tgt Ion: 91 Resp: 279976

Ion Ratio Lower Upper

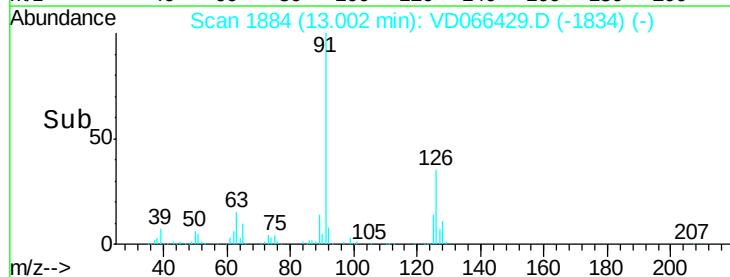
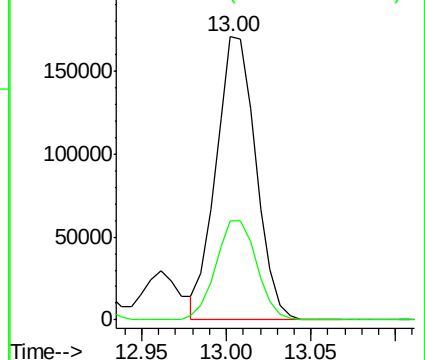
91 100

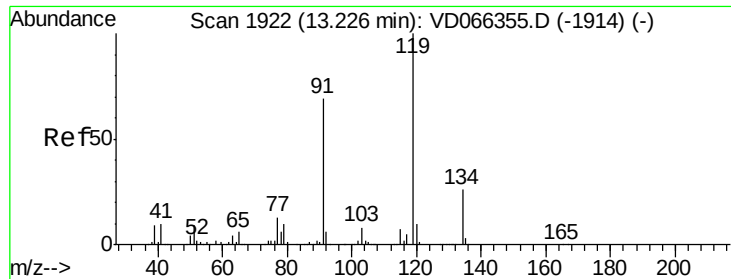
126 36.0 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

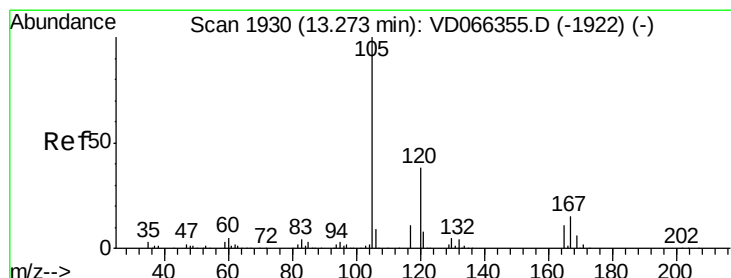
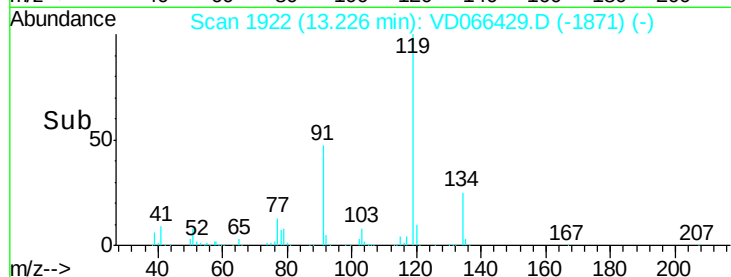
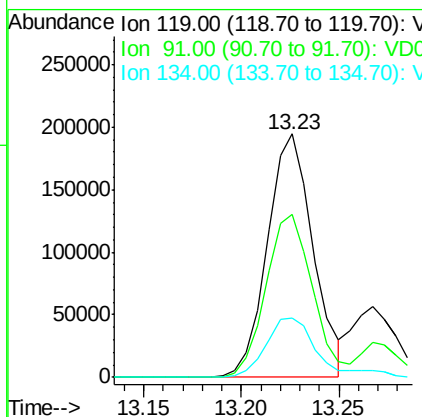
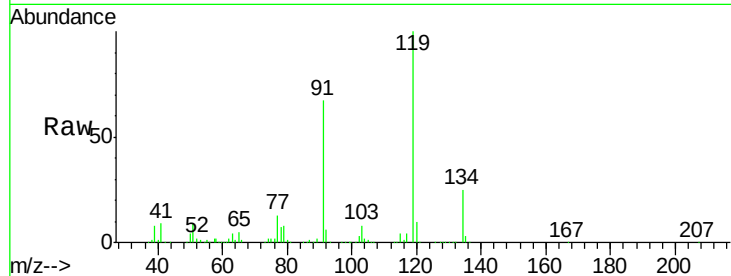




#83
 tert-Butylbenzene
 Concen: 53.840 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

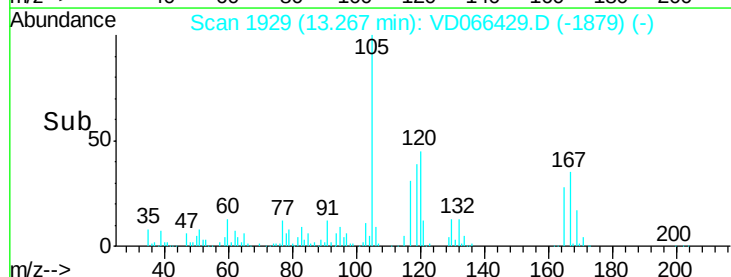
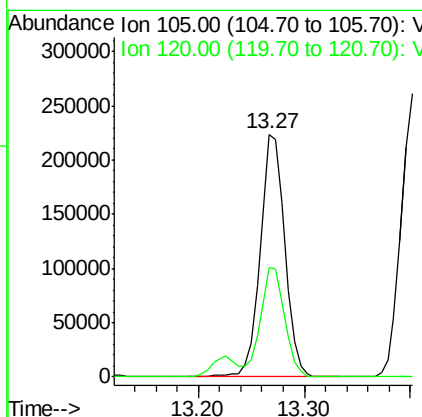
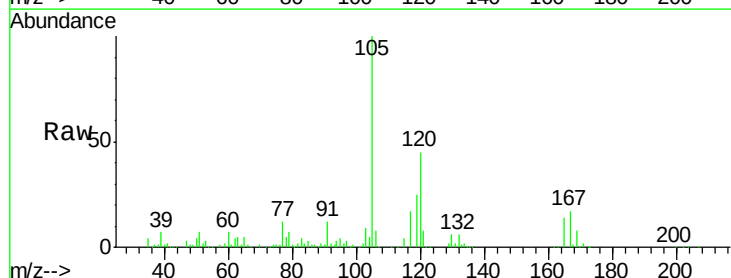
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

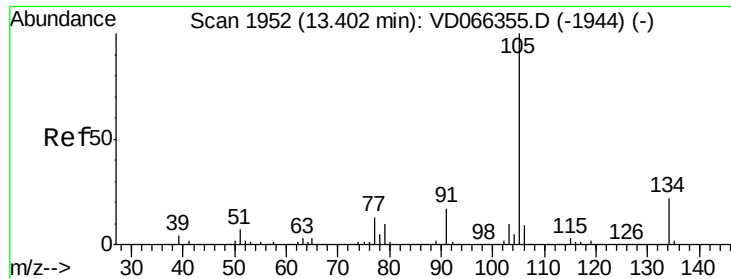
Tgt Ion:119 Resp: 315993
 Ion Ratio Lower Upper
 119 100
 91 68.8 33.5 100.5
 134 27.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.694 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion:105 Resp: 362997
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 53.766 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

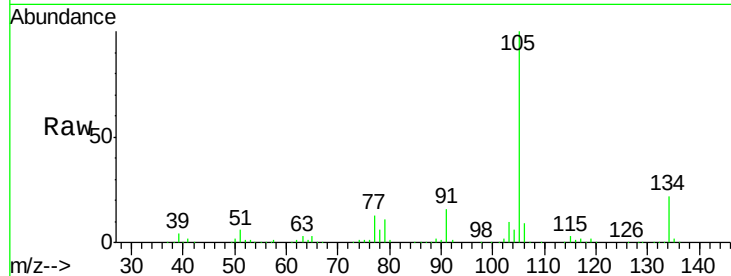
VSTDCCC050

Tgt Ion:105 Resp: 413444

Ion Ratio Lower Upper

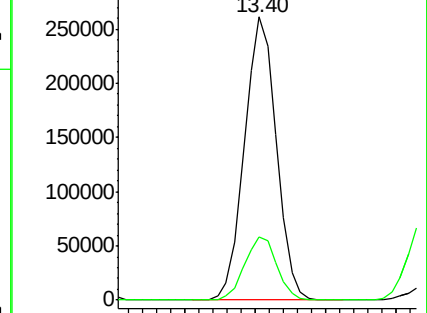
105 100

134 22.5 10.8 32.4

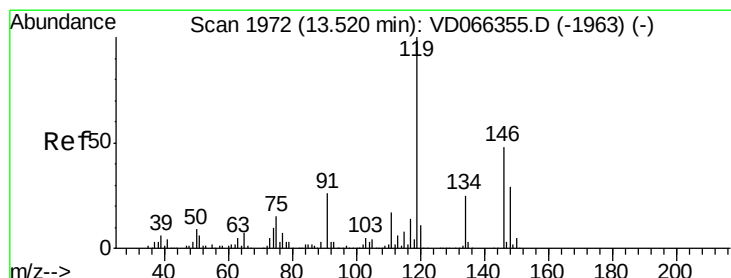
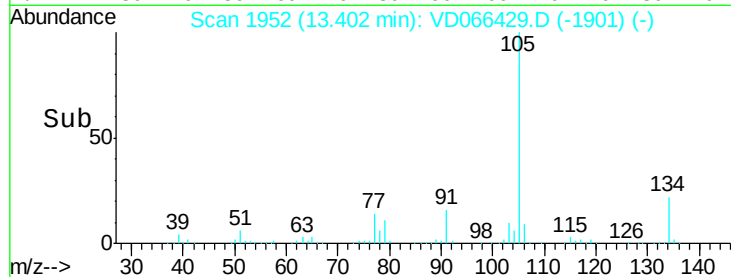


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 54.879 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

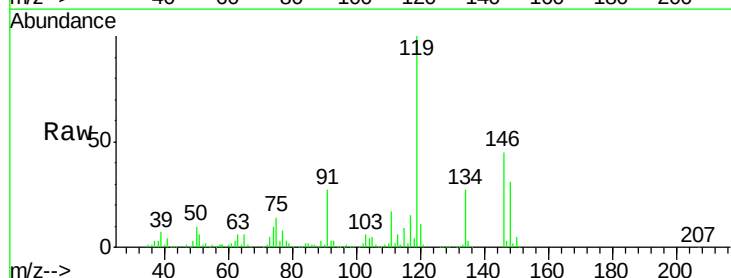
Tgt Ion:119 Resp: 406915

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

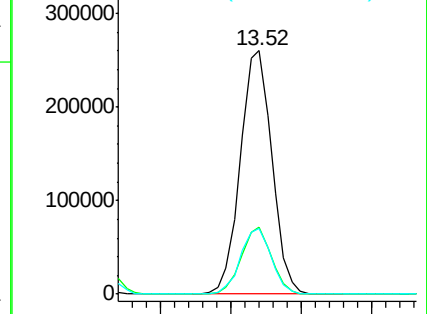
91 26.5 12.7 38.0



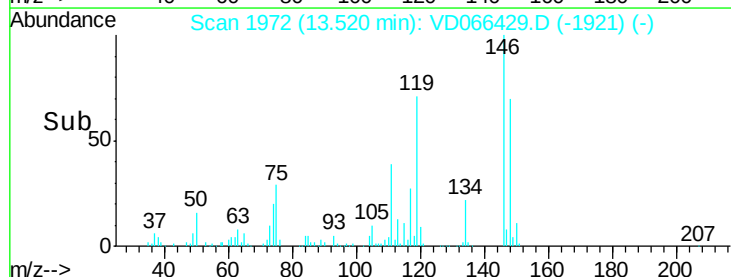
Abundance Ion 119.00 (118.70 to 119.70): V

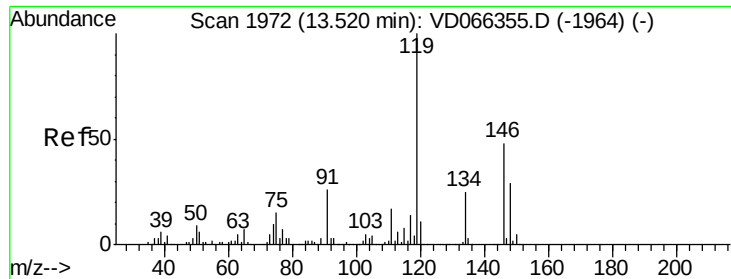
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

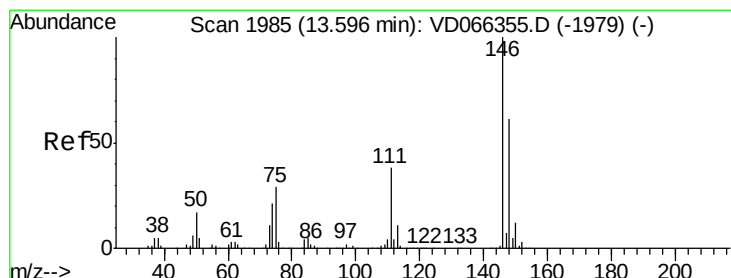
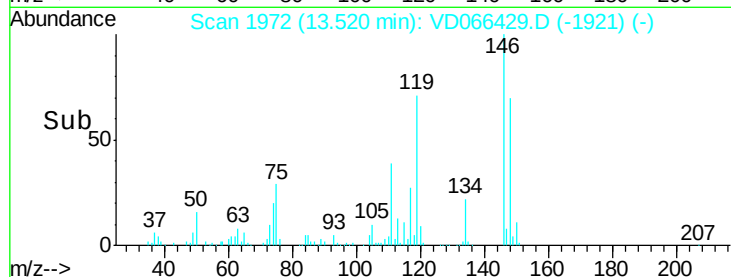
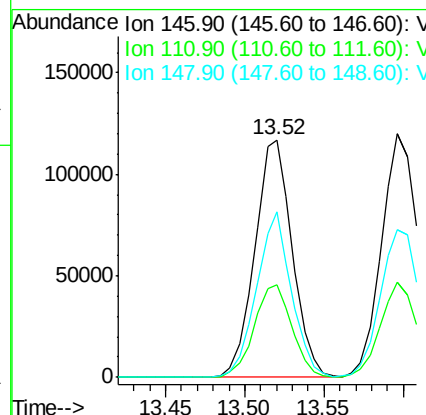
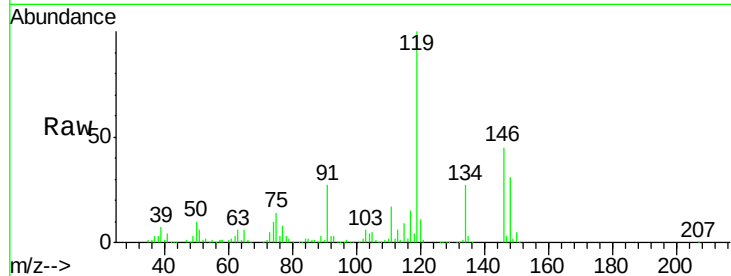




#87
 1,3-Dichlorobenzene
 Concen: 51.757 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

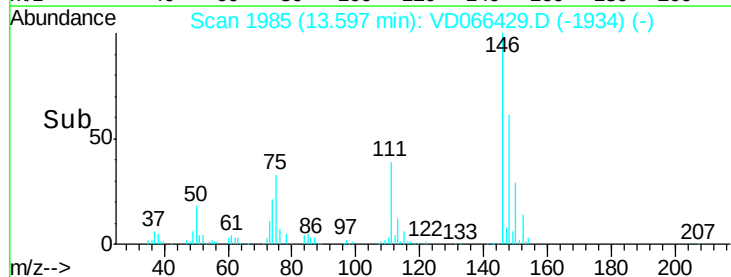
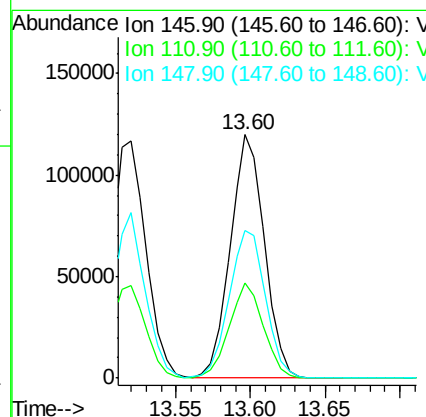
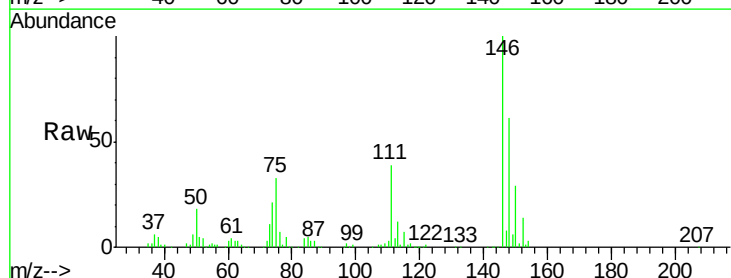
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

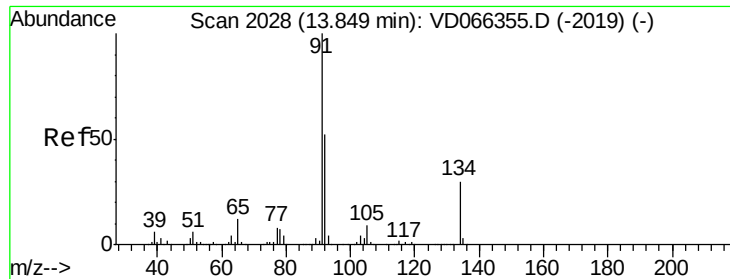
Tgt Ion:146 Resp: 191906
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.537 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion:146 Resp: 191869
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.5
 148 64.4 32.1 96.3

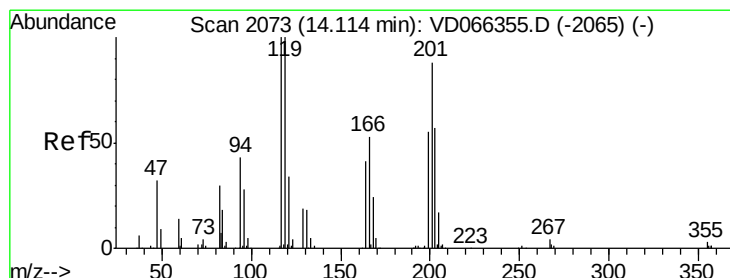
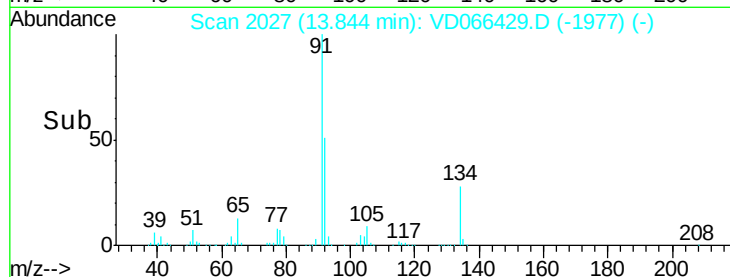
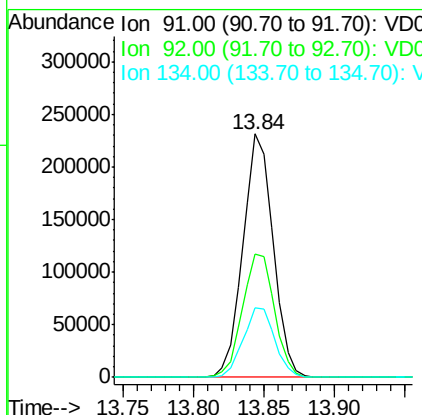
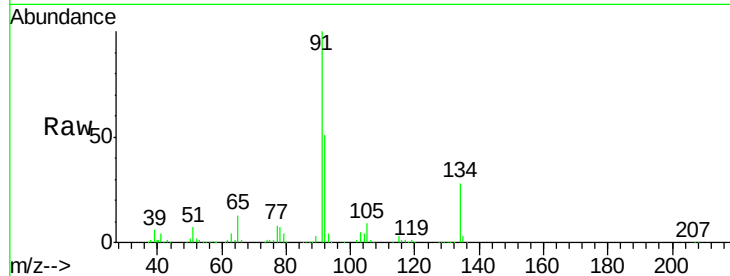




#89
n-Butylbenzene
Concen: 52.894 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

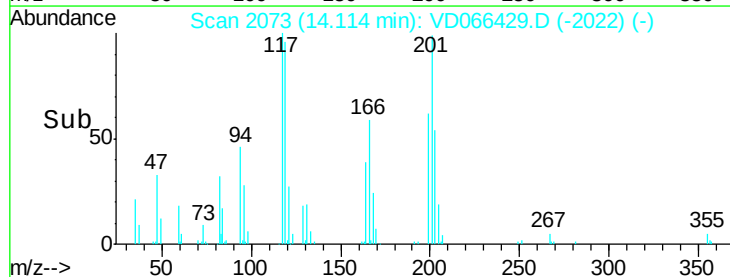
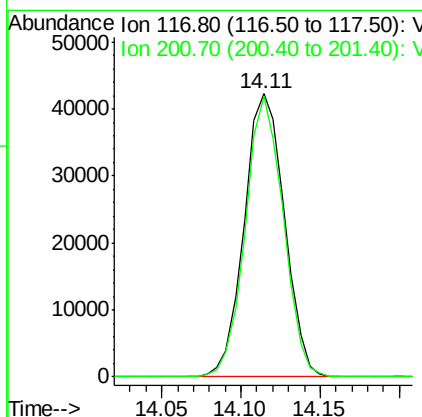
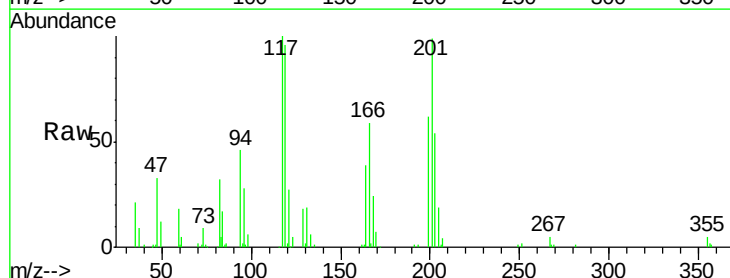
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

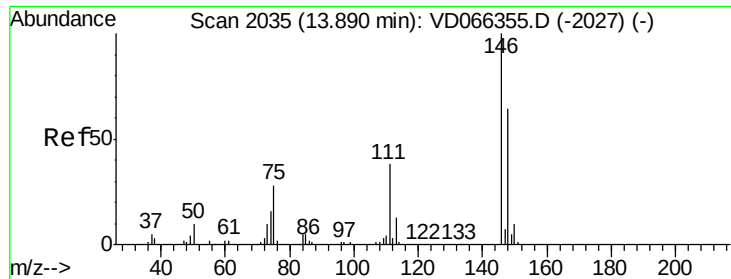
Tgt Ion: 91 Resp: 346086
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 29.8 14.4 43.4



#90
Hexachloroethane
Concen: 50.832 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066429.D
Acq: 27 Aug 2020 11:37

Tgt Ion: 117 Resp: 74454
Ion Ratio Lower Upper
117 100
201 93.5 45.4 136.2

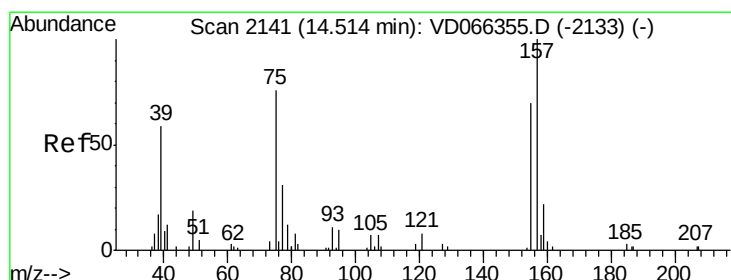
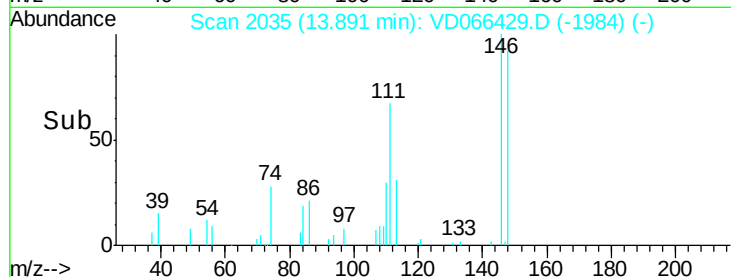
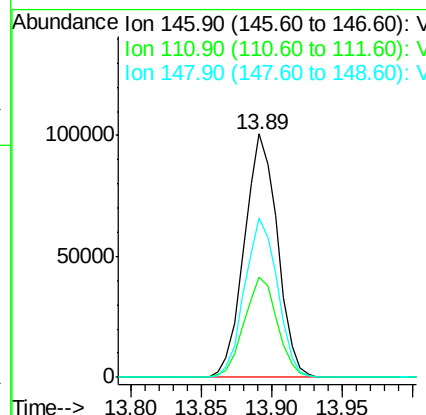
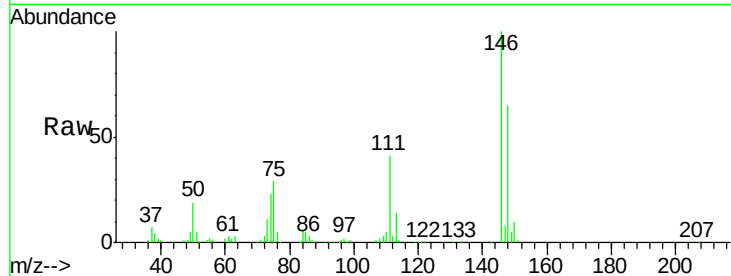




#91
 1,2-Dichlorobenzene
 Concen: 51.989 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

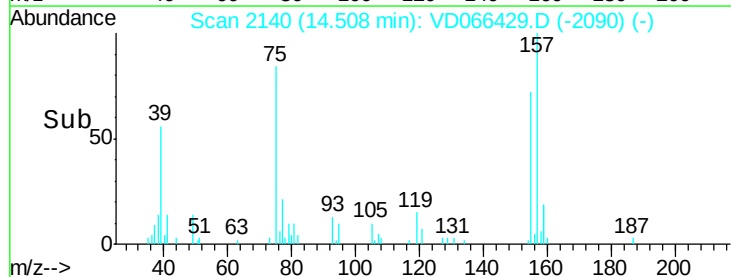
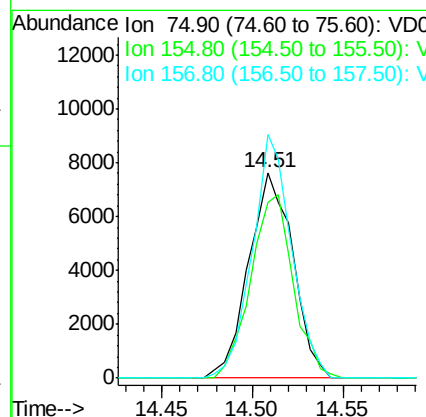
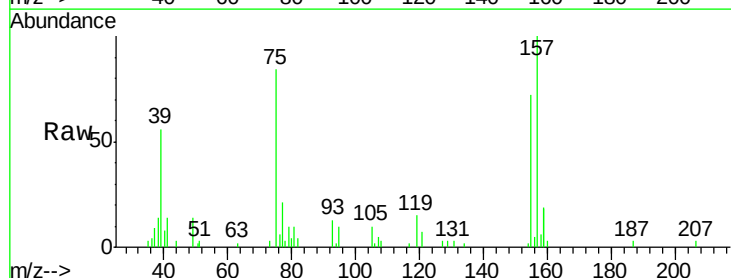
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

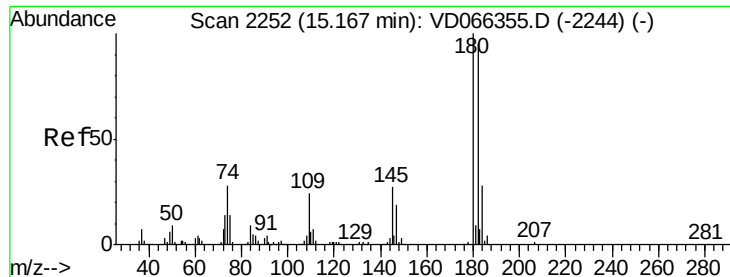
Tgt Ion: 146 Resp: 165945
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 64.8 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.012 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion: 75 Resp: 12899
 Ion Ratio Lower Upper
 75 100
 155 85.9 46.9 140.6
 157 105.5 61.0 183.0

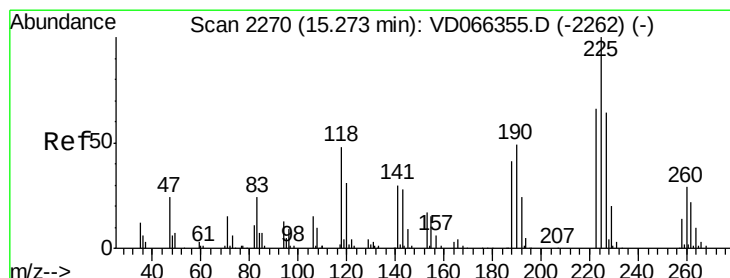
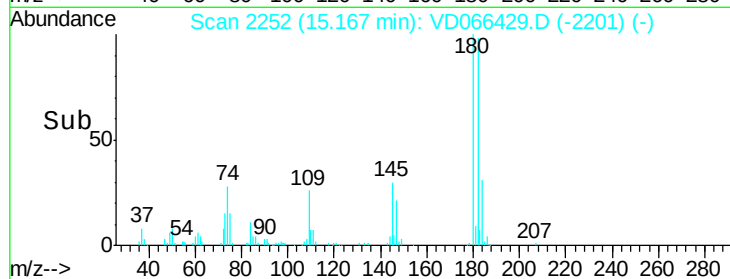
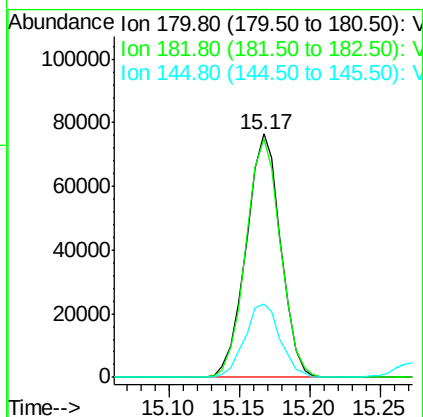
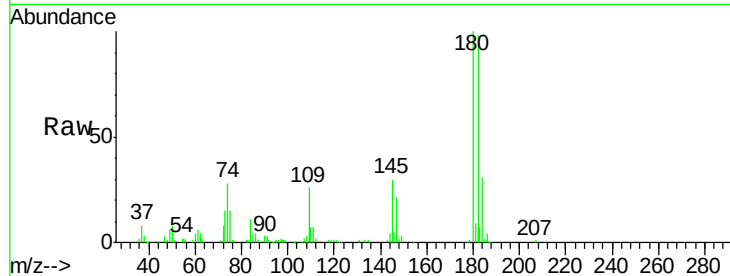




#93
 1,2,4-Trichlorobenzene
 Concen: 52.533 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

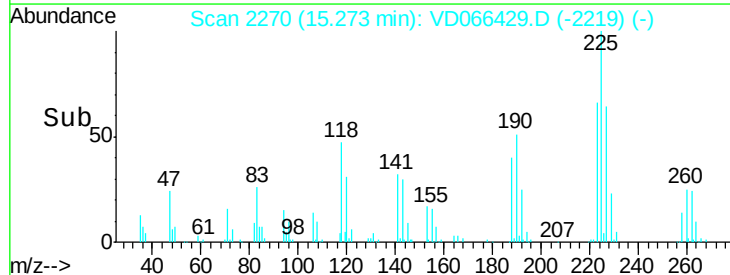
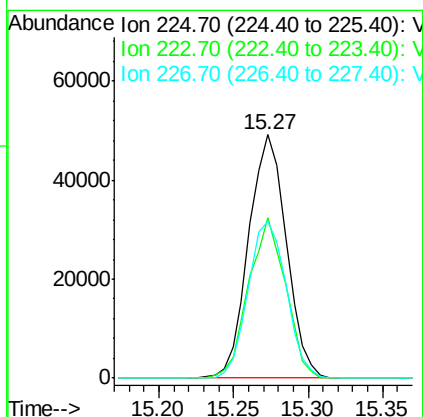
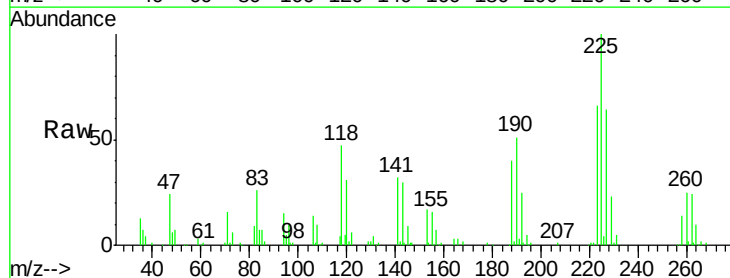
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

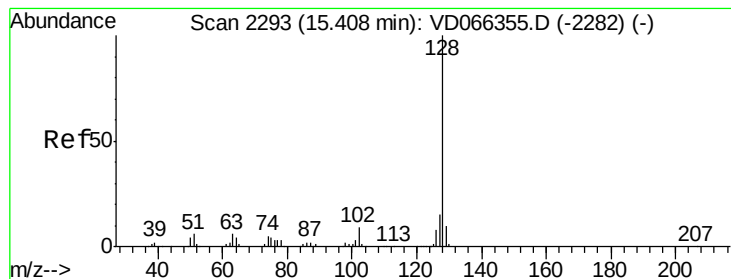
Tgt Ion:180 Resp: 130907
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.0 144.0
 145 31.1 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 55.413 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066429.D
 Acq: 27 Aug 2020 11:37

Tgt Ion:225 Resp: 85811
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.5 97.4
 227 65.1 33.0 98.9





#95

Naphthalene

Concen: 54.887 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

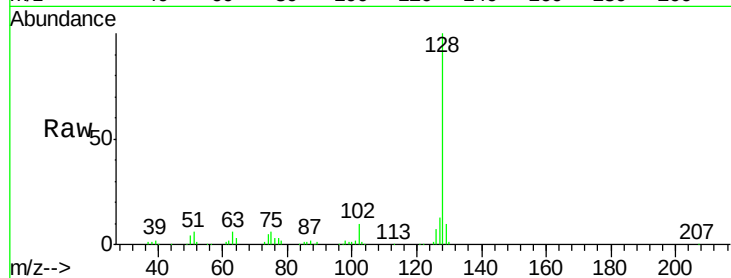
Tgt Ion:128 Resp: 214819

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

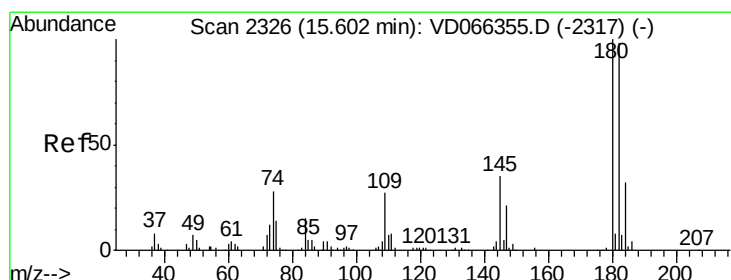
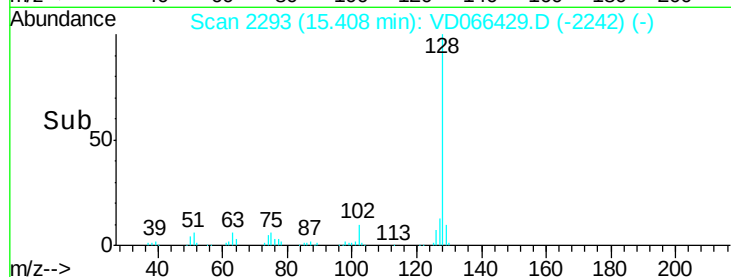
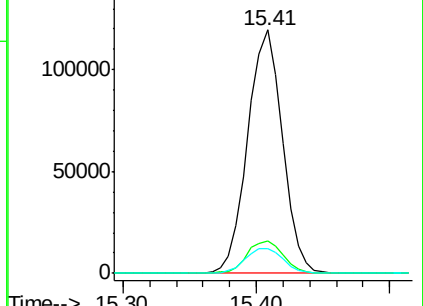
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.158 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066429.D

Acq: 27 Aug 2020 11:37

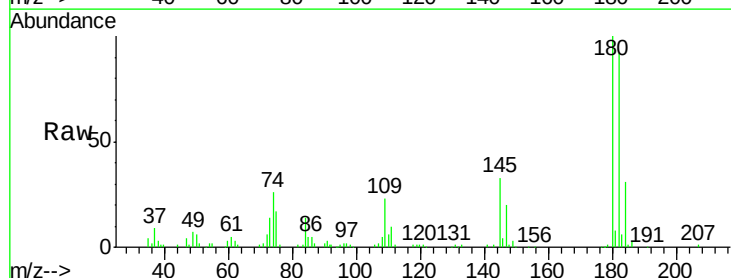
Tgt Ion:180 Resp: 115609

Ion Ratio Lower Upper

180 100

182 92.6 46.7 140.0

145 32.3 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

