

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065532.D
 Acq On : 26 Mar 2020 19:21
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD032620

Quant Time: Mar 27 01:50:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	535812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	767756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	709478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	350688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	225372	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.92	113	244724	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.34	98	935509	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.64	95	300517	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	147160	49.959	ug/l	96
3) Chloromethane	2.21	50	218302	51.725	ug/l	99
4) Vinyl Chloride	2.35	62	227007	45.846	ug/l	98
5) Bromomethane	2.77	94	160959	51.578	ug/l	98
6) Chloroethane	2.93	64	151916	47.478	ug/l	97
7) Trichlorofluoromethane	3.27	101	352196	47.677	ug/l	100
8) Diethyl Ether	3.70	74	113667	48.494	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	232713	47.765	ug/l	98
10) Methyl Iodide	4.30	142	286429	50.809	ug/l	99
11) Tert butyl alcohol	5.25	59	65013	259.204	ug/l #	73
12) 1,1-Dichloroethene	4.06	96	225397	48.692	ug/l	98
13) Acrolein	3.92	56	105332	248.730	ug/l	99
14) Allyl chloride	4.71	41	358162	50.851	ug/l	99
15) Acrylonitrile	5.43	53	243865	252.659	ug/l	100
16) Acetone	4.17	43	174759	207.654	ug/l	95
17) Carbon Disulfide	4.40	76	736291	48.248	ug/l	99
18) Methyl Acetate	4.72	43	105719	48.309	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	487352	52.790	ug/l	99
20) Methylene Chloride	4.96	84	264081	50.762	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	263891	49.551	ug/l	97
22) Diisopropyl ether	6.37	45	724989	53.081	ug/l	97
23) Vinyl Acetate	6.31	43	2021004	271.662	ug/l	99
24) 1,1-Dichloroethane	6.27	63	433745	50.081	ug/l	98
25) 2-Butanone	7.22	43	281005	245.861	ug/l	99
26) 2,2-Dichloropropane	7.21	77	370782	48.345	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	280804	50.883	ug/l	100
28) Bromochloromethane	7.56	49	171731	47.689	ug/l	99
29) Tetrahydrofuran	7.57	42	187839	253.577	ug/l	99
30) Chloroform	7.71	83	445273	49.632	ug/l	100
31) Cyclohexane	7.98	56	404292	48.220	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	403793	49.820	ug/l	99
36) 1,1-Dichloropropene	8.11	75	353057	50.331	ug/l	100
37) Ethyl Acetate	7.30	43	135715	50.544	ug/l	98
38) Carbon Tetrachloride	8.10	117	365387	49.456	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	437247	52.870	ug/l	98
40) Benzene	8.36	78	1017563	50.836	ug/l	98
41) Methacrylonitrile	7.53	41	76341	49.254	ug/l	98
42) 1,2-Dichloroethane	8.43	62	268892	50.483	ug/l	98
43) Isopropyl Acetate	8.46	43	254590	52.213	ug/l	98
44) Trichloroethene	9.11	130	290077	49.946	ug/l	100
45) 1,2-Dichloropropane	9.39	63	249663	51.347	ug/l	95
46) Dibromomethane	9.48	93	131265	51.448	ug/l	97
47) Bromodichloromethane	9.67	83	344441	50.960	ug/l	97
48) Methyl methacrylate	9.46	41	120719	52.069	ug/l	100
49) 1,4-Dioxane	9.47	88	30577	1102.114	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	664994	270.251	ug/l	99
52) Toluene	10.41	92	654494	51.631	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	320668	51.872	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	397527	52.559	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	182105	50.033	ug/l	95
56) Ethyl methacrylate	10.67	69	217592	49.023	ug/l	99
57) 1,3-Dichloropropane	10.95	76	312594	51.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	562266	272.230	ug/l	99
59) 2-Hexanone	10.99	43	440039	262.282	ug/l	99
60) Dibromochloromethane	11.14	129	244942	50.782	ug/l	99
61) 1,2-Dibromoethane	11.25	107	176893	50.216	ug/l	99
64) Tetrachloroethene	10.88	164	253530	49.886	ug/l	96
65) Chlorobenzene	11.68	112	707823	51.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	263968	51.033	ug/l	99
67) Ethyl Benzene	11.75	91	1242325	53.177	ug/l	100
68) m/p-Xylenes	11.86	106	964759	105.175	ug/l	100
69) o-Xylene	12.18	106	436678	54.358	ug/l	99
70) Styrene	12.20	104	771456	54.370	ug/l	99
71) Bromoform	12.37	173	143699	50.368	ug/l #	98
73) Isopropylbenzene	12.48	105	1175429	54.587	ug/l	100
74) N-amyl acetate	12.30	43	232728	54.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	188189	50.314	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	247966	91.972	ug/l #	100
77) Bromobenzene	12.77	156	297179	52.812	ug/l	99
78) n-propylbenzene	12.83	91	1383170	53.888	ug/l	99
79) 2-Chlorotoluene	12.91	91	770844	52.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	975500	54.656	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	63687	52.728	ug/l	99
82) 4-Chlorotoluene	13.01	91	817140	52.510	ug/l	99
83) tert-Butylbenzene	13.23	119	814630	54.497	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	975172	54.652	ug/l	100
85) sec-Butylbenzene	13.41	105	1151969	53.852	ug/l	100
86) p-Isopropyltoluene	13.53	119	1068512	54.204	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	557069	51.426	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	548538	50.679	ug/l	100
89) n-Butylbenzene	13.86	91	970298	54.202	ug/l	100
90) Hexachloroethane	14.12	117	208312	50.392	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	474054	51.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27785	49.310	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration

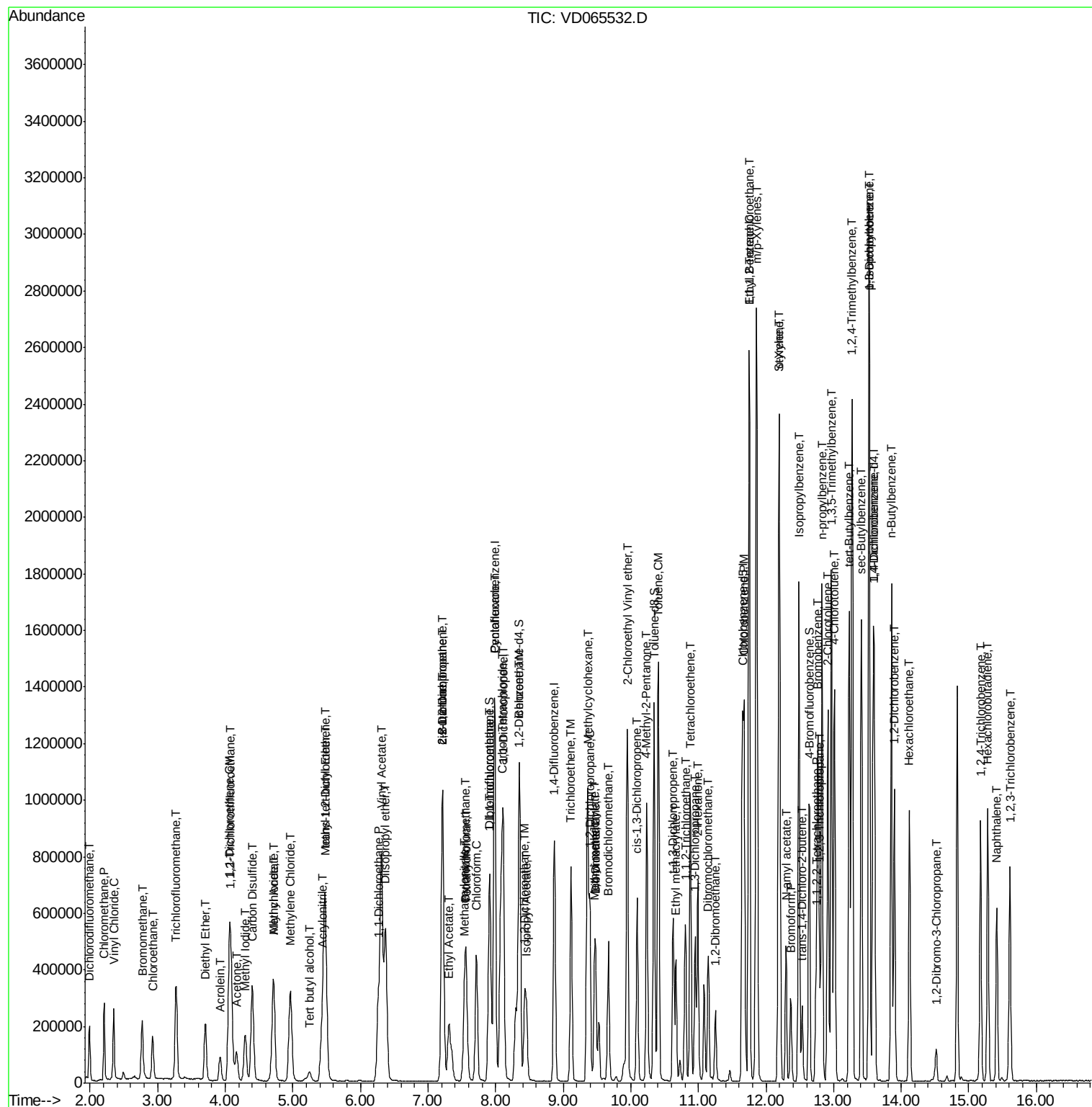
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	329815	51.863	ug/l	99
94) Hexachlorobutadiene	15.28	225	214104	51.665	ug/l	97
95) Naphthalene	15.41	128	529364	48.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	288213	52.769	ug/l	99

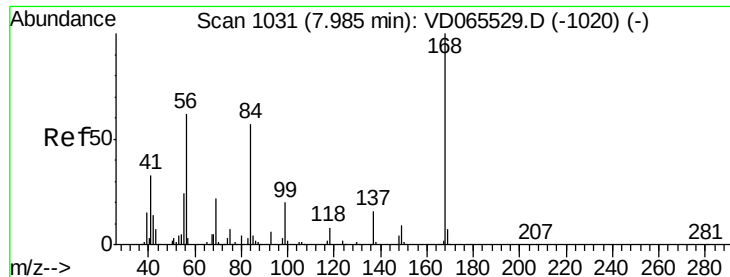
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

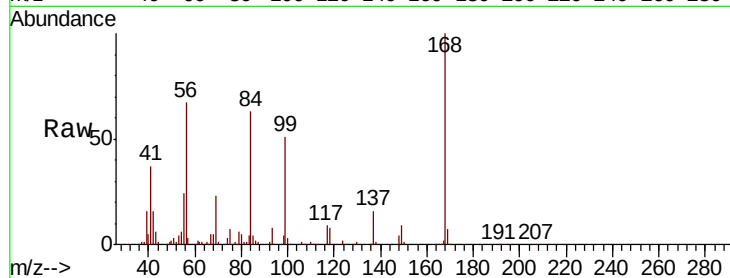
ICVVD032620

Tot Ion:168 Resp: 535812

Ion Ratio Lower Upper

168 100

99 51.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

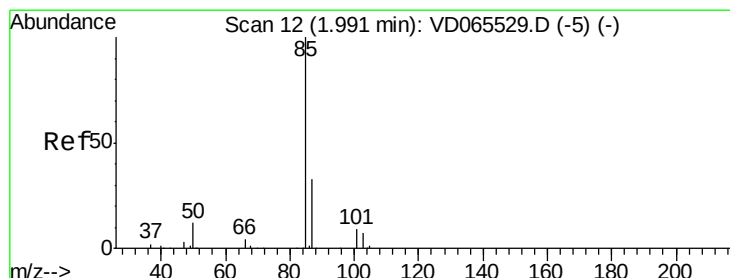
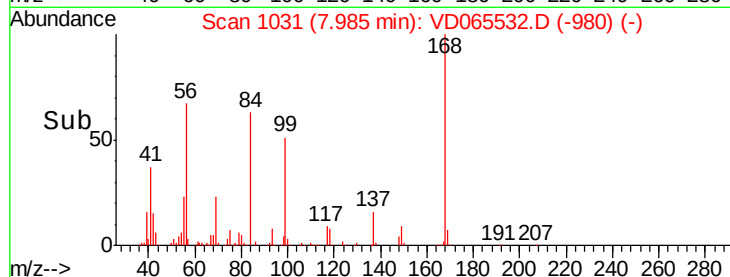
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.959 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065532.D

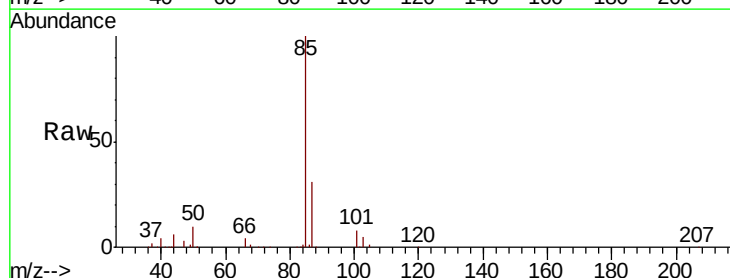
Acq: 26 Mar 2020 19:21

Tgt Ion: 85 Resp: 147160

Ion Ratio Lower Upper

85 100

87 30.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

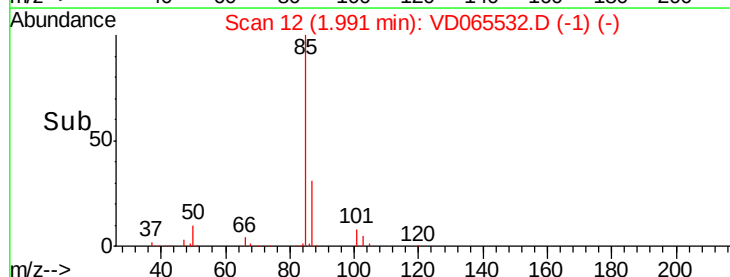
60000

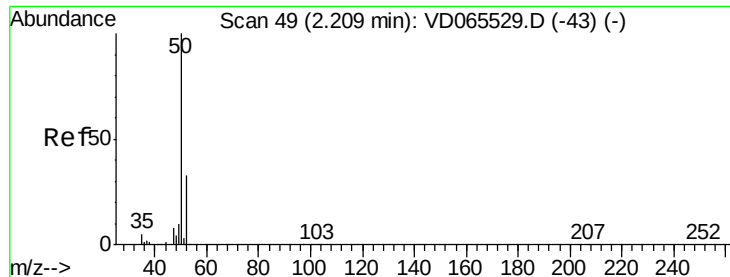
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.725 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

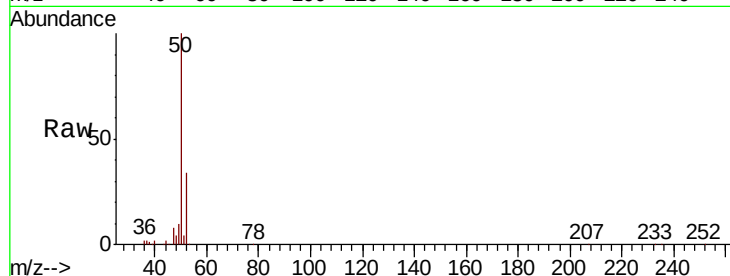
ICVVD032620

Tot Ion: 50 Resp: 218302

Ion Ratio Lower Upper

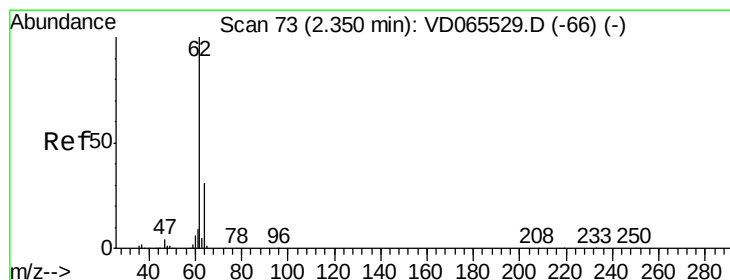
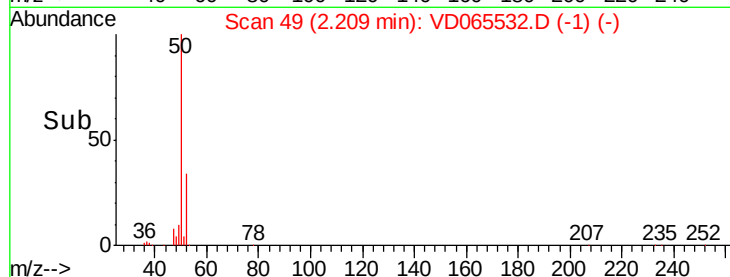
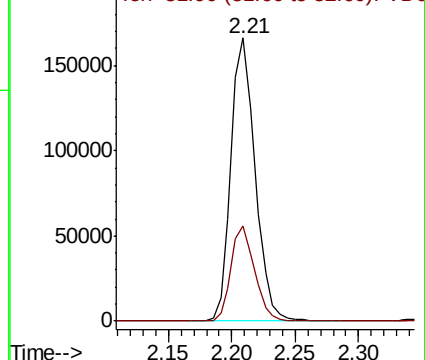
50 100

52 33.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.846 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065532.D

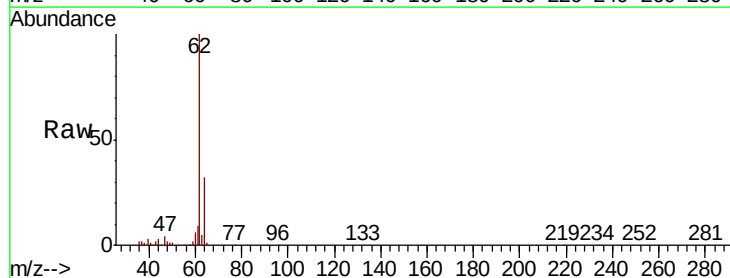
Acq: 26 Mar 2020 19:21

Tgt Ion: 62 Resp: 227007

Ion Ratio Lower Upper

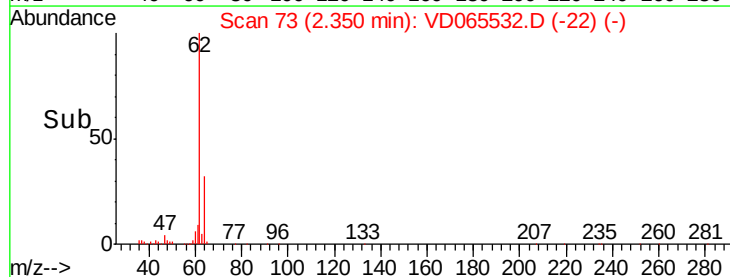
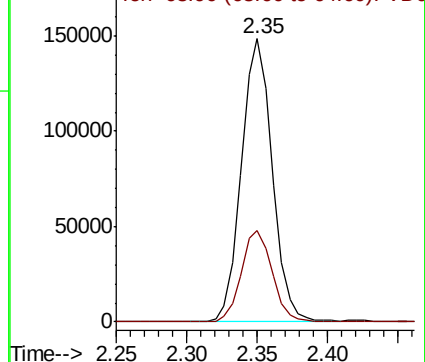
62 100

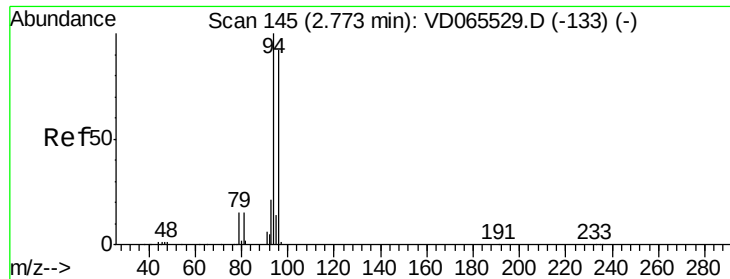
64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.578 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

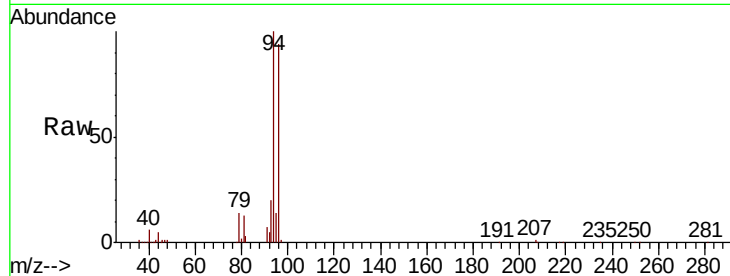
ICVVD032620

Tot Ion: 94 Resp: 160959

Ion Ratio Lower Upper

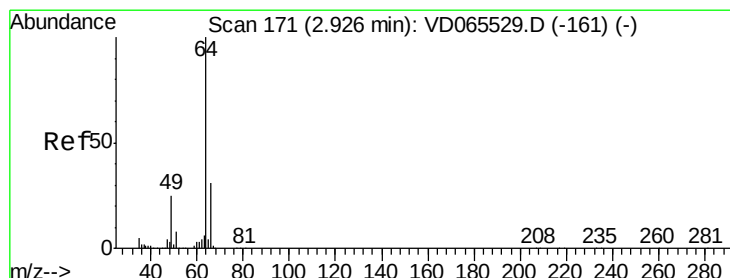
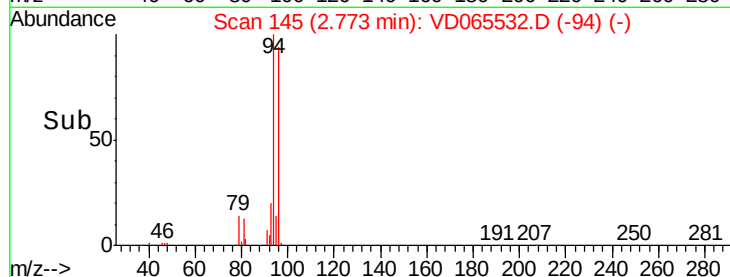
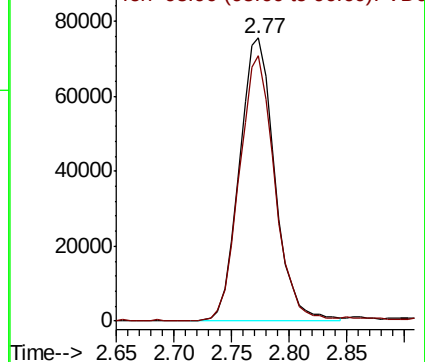
94 100

96 93.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.478 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065532.D

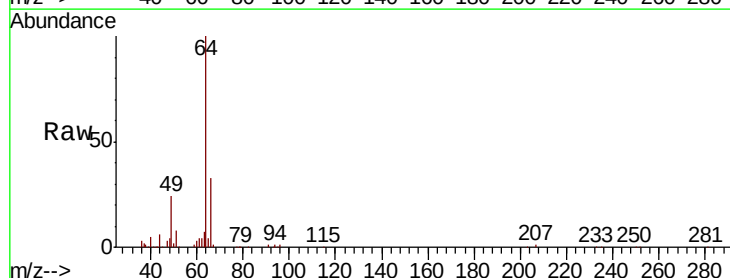
Acq: 26 Mar 2020 19:21

Tgt Ion: 64 Resp: 151916

Ion Ratio Lower Upper

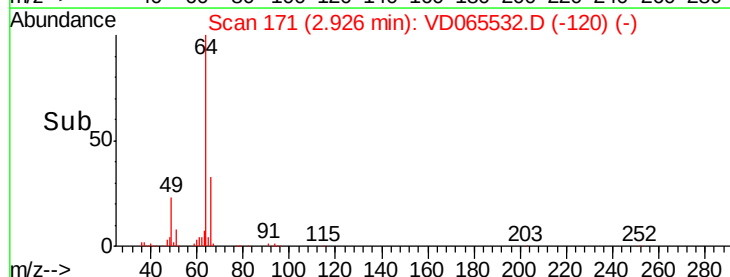
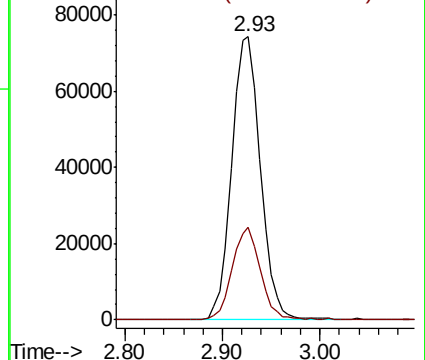
64 100

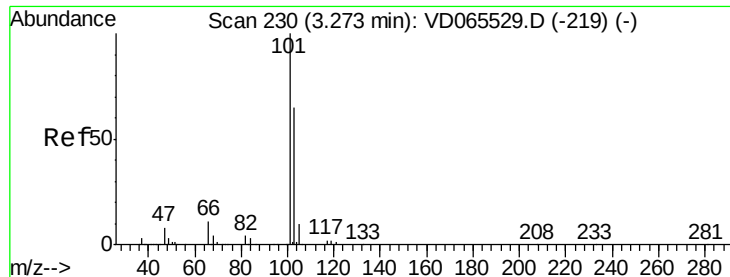
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



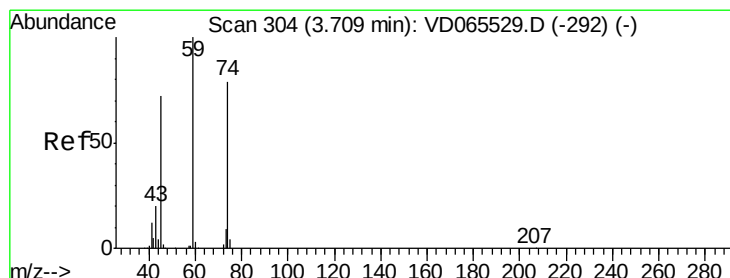
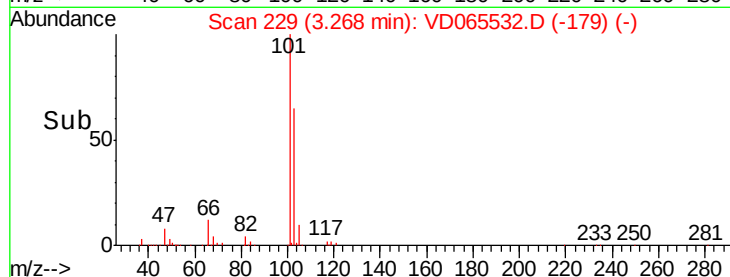
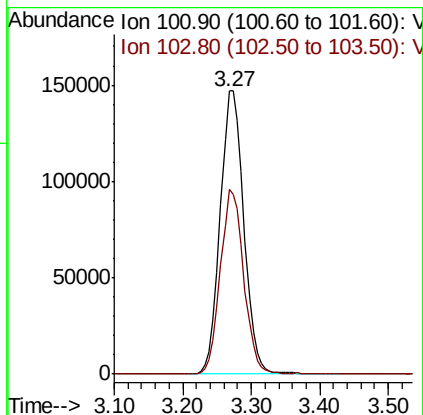
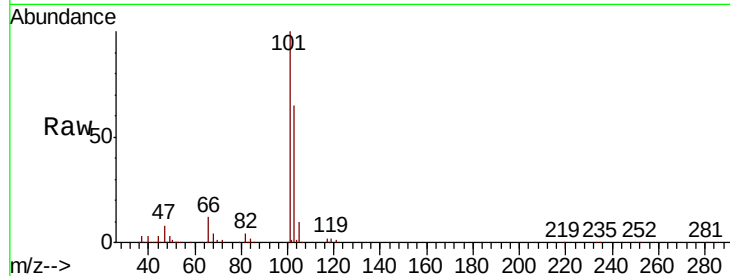


#7

Trichlorofluoromethane
Concen: 47.677 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

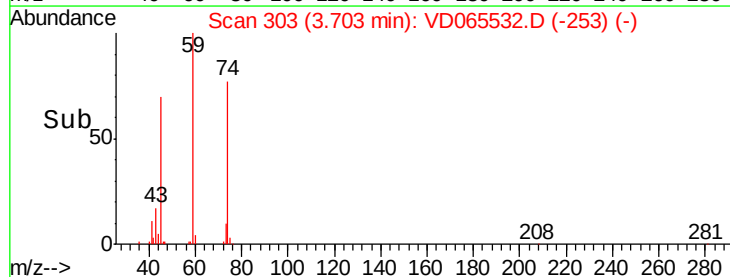
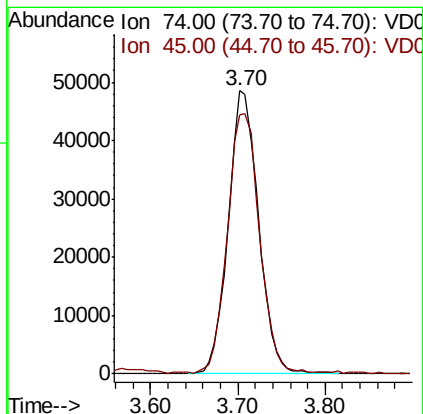
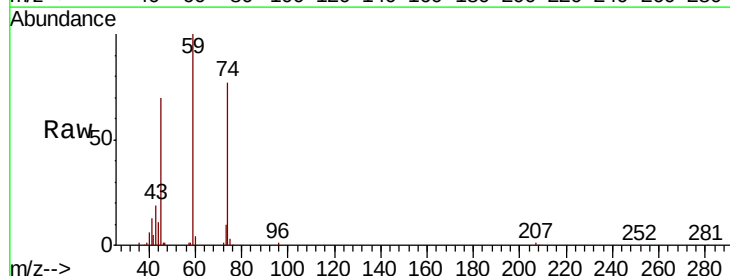
Tot Ion:101 Resp: 352196
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9

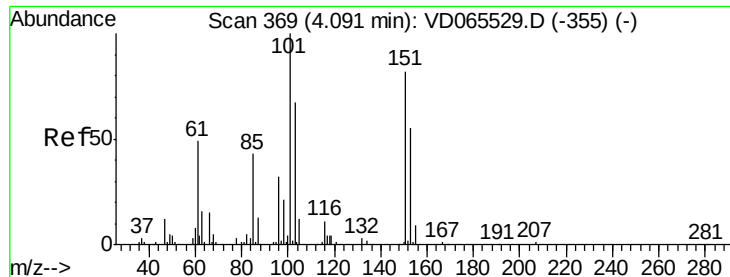


#8

Diethyl Ether
Concen: 48.494 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 74 Resp: 113667
Ion Ratio Lower Upper
74 100
45 98.0 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.765 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

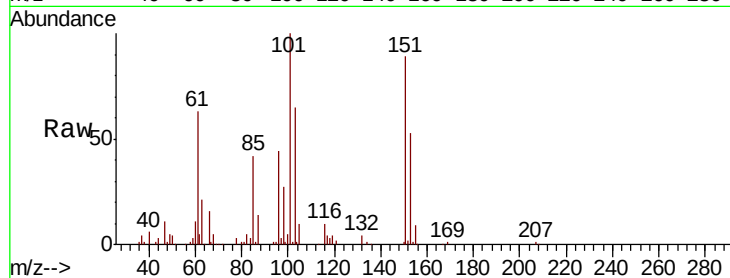
Tot Ion:101 Resp: 232713

Ion Ratio Lower Upper

101 100

85 41.2 32.6 48.8

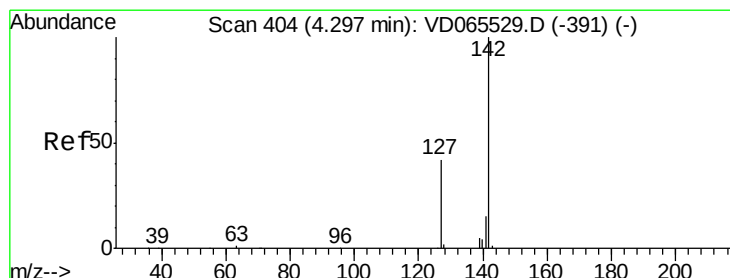
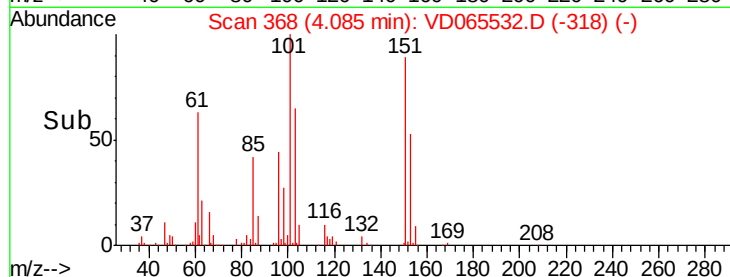
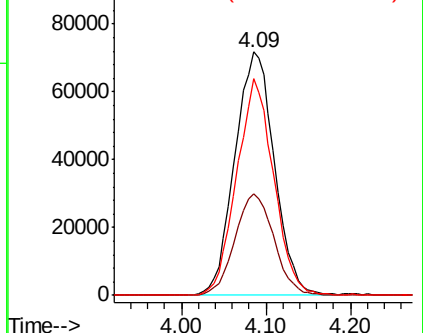
151 83.6 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.809 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

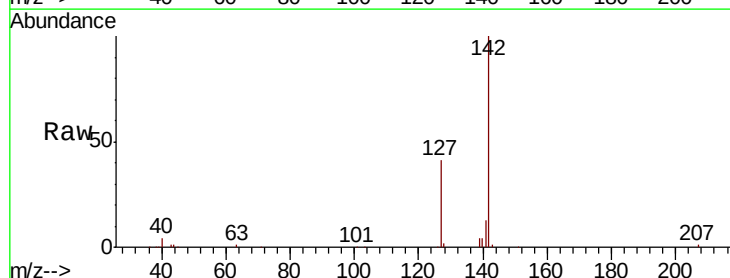
Tgt Ion:142 Resp: 286429

Ion Ratio Lower Upper

142 100

127 41.7 33.9 50.9

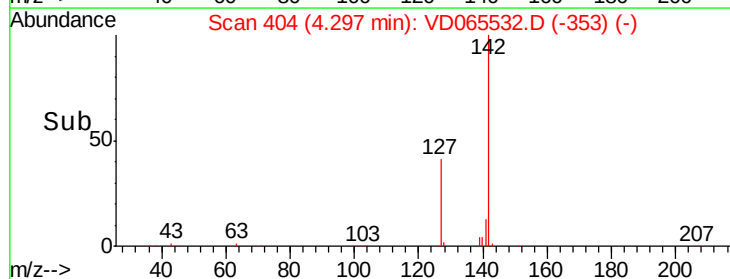
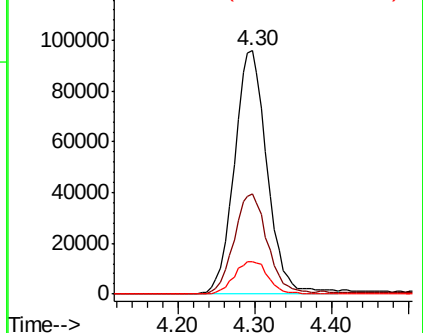
141 13.9 11.6 17.4

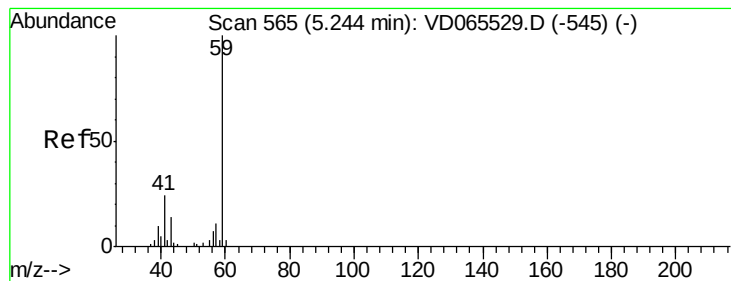


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



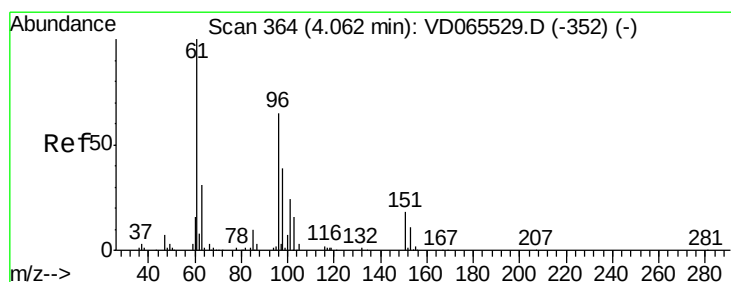
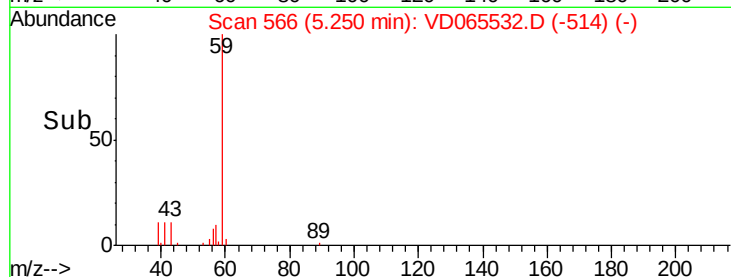
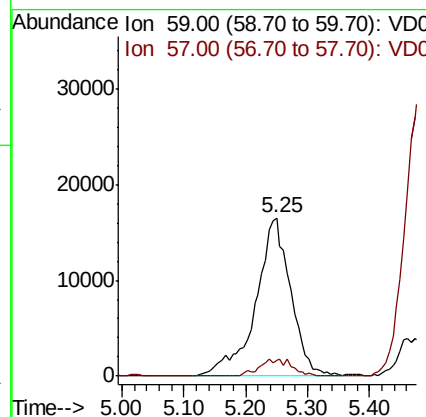
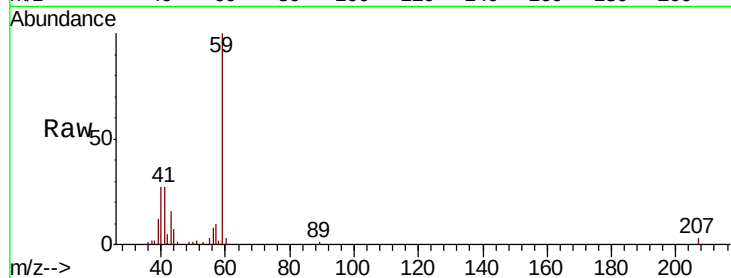


#11

Tert butyl alcohol
 Concen: 259.204 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

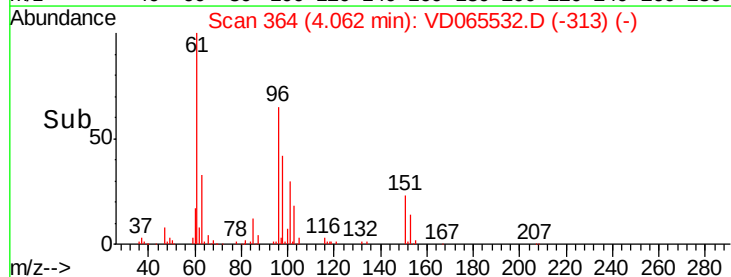
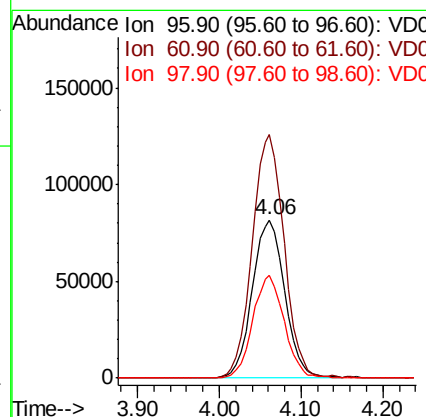
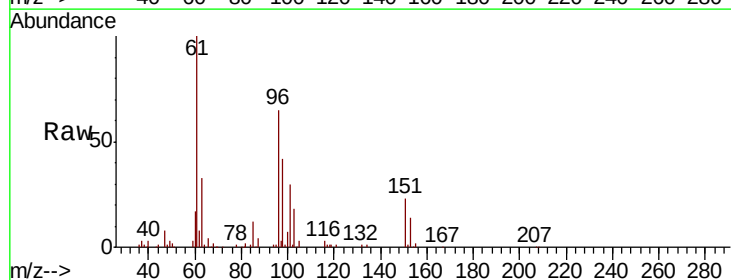
Tot Ion: 59 Resp: 65013
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

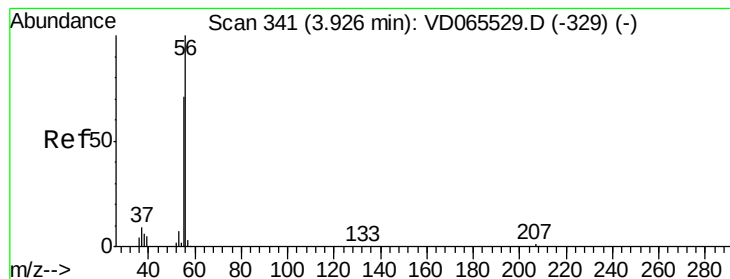


#12

1,1-Dichloroethene
 Concen: 48.692 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 96 Resp: 225397
 Ion Ratio Lower Upper
 96 100
 61 153.9 124.0 186.0
 98 65.0 48.2 72.4





#13

Acrolein

Concen: 248.730 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

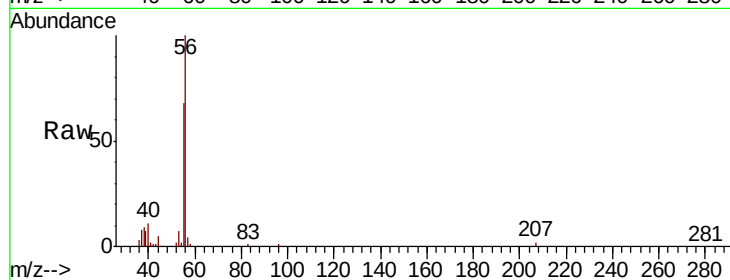
ICVVD032620

Tot Ion: 56 Resp: 105332

Ion Ratio Lower Upper

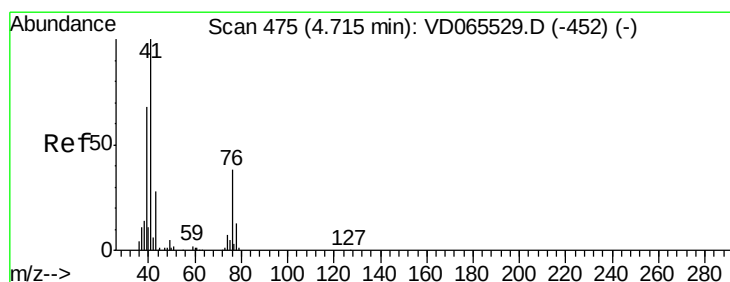
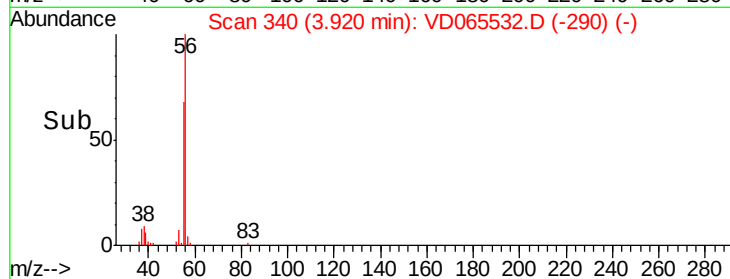
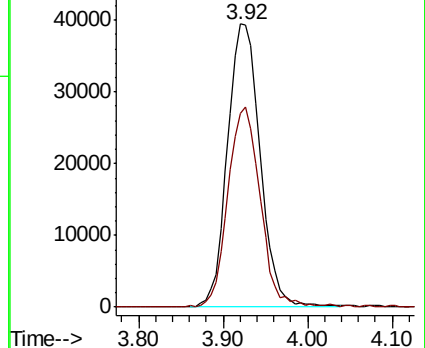
56 100

55 69.7 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.851 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

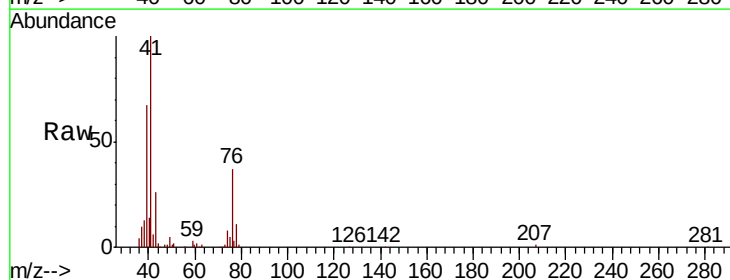
Tgt Ion: 41 Resp: 358162

Ion Ratio Lower Upper

41 100

39 65.3 52.9 79.3

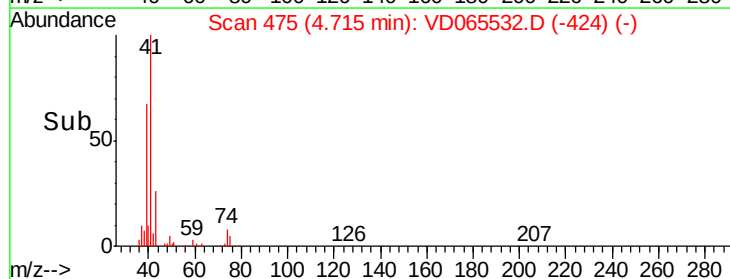
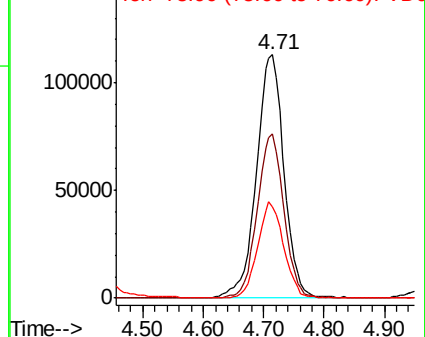
76 36.8 28.9 43.3

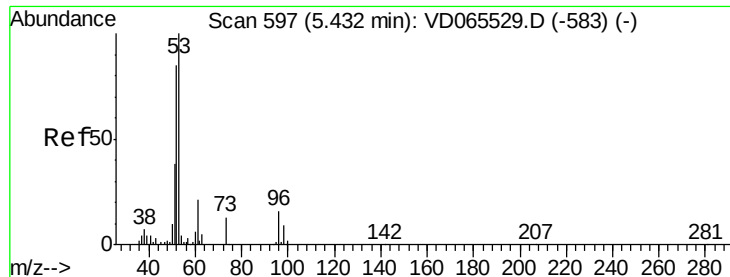


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

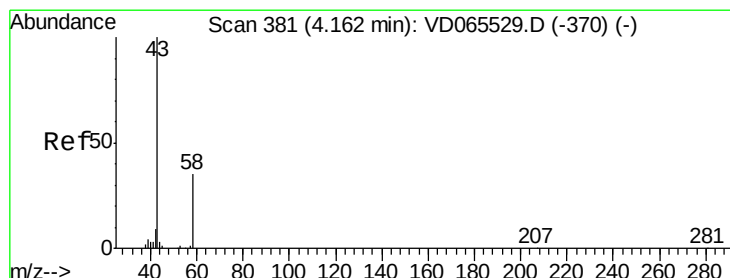
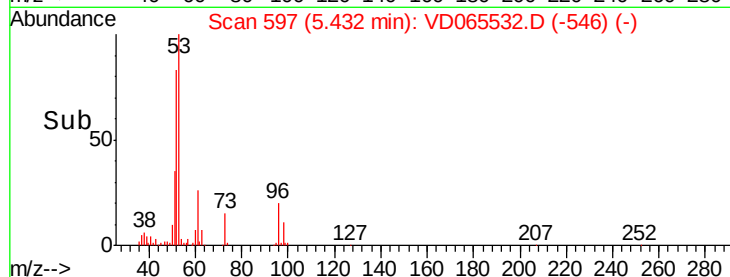
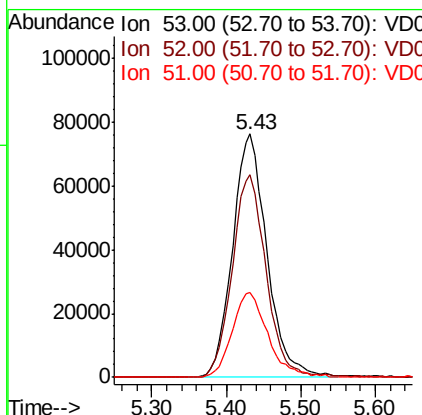
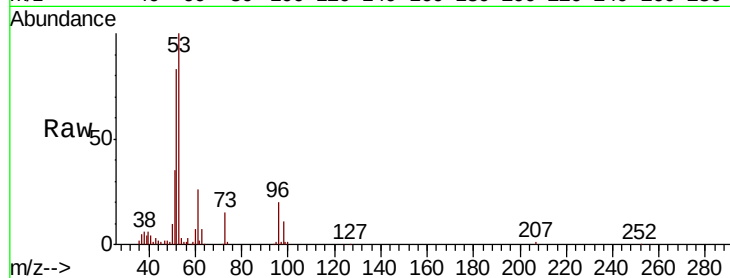




#15
 Acrylonitrile
 Concen: 252.659 ug/l
 RT: 5.43 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

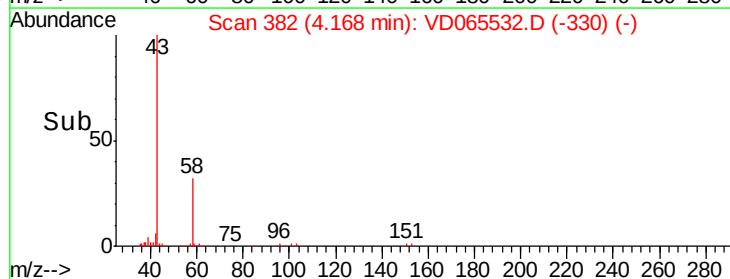
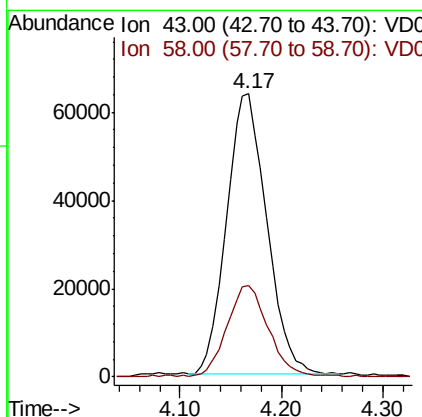
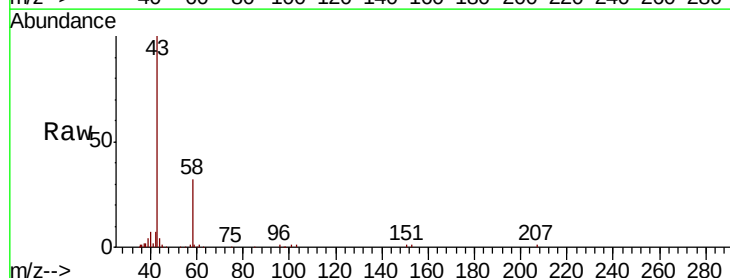
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

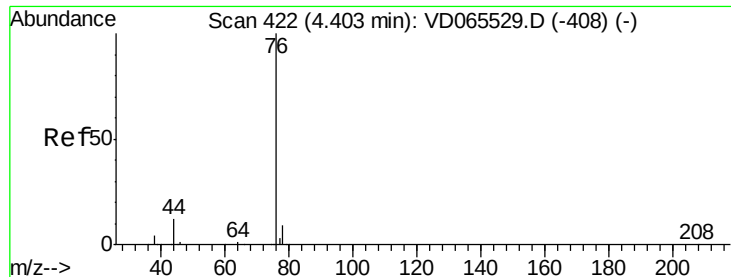
Tot Ion	53	Resp	243865
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.8	98.6
51	36.5	29.7	44.5



#16
 Acetone
 Concen: 207.654 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	43	Resp	174759
Ion Ratio	Lower	Upper	
43	100		
58	32.2	27.9	41.9





#17

Carbon Disulfide

Concen: 48.248 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

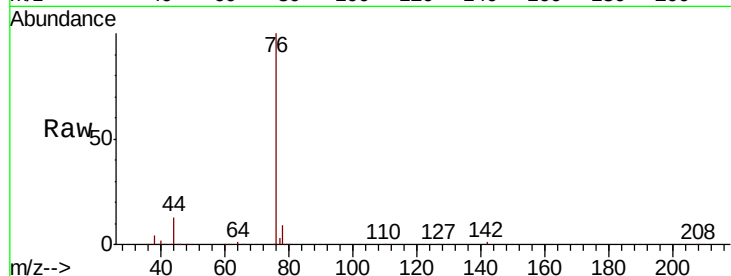
ICVVD032620

Tot Ion: 76 Resp: 736291

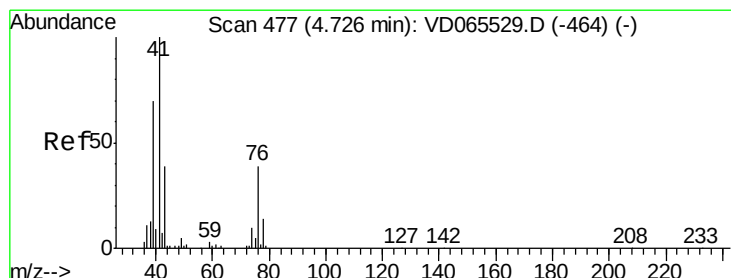
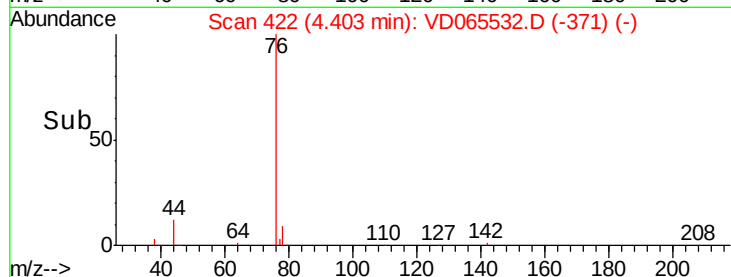
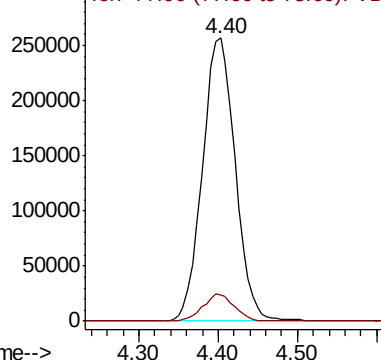
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 48.309 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065532.D

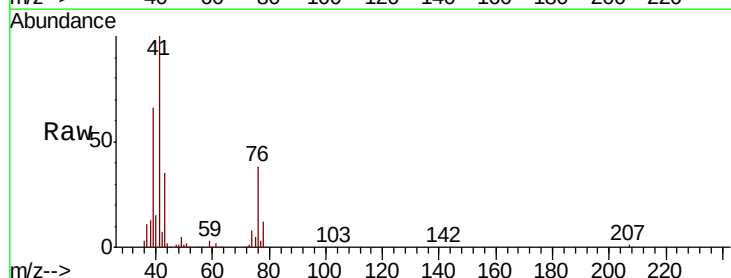
Acq: 26 Mar 2020 19:21

Tgt Ion: 43 Resp: 105719

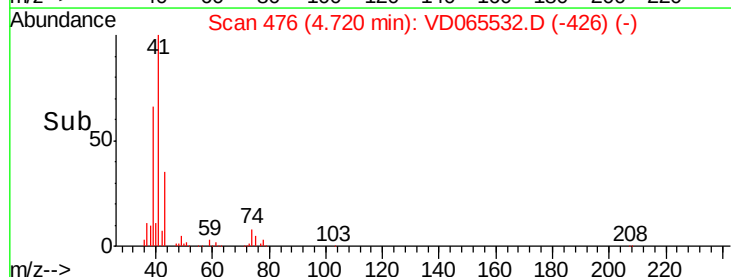
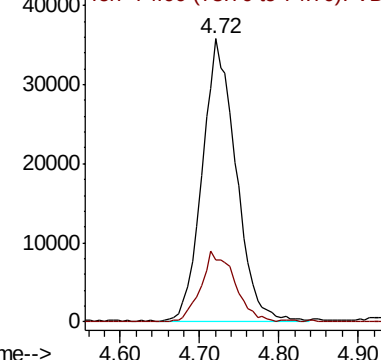
Ion Ratio Lower Upper

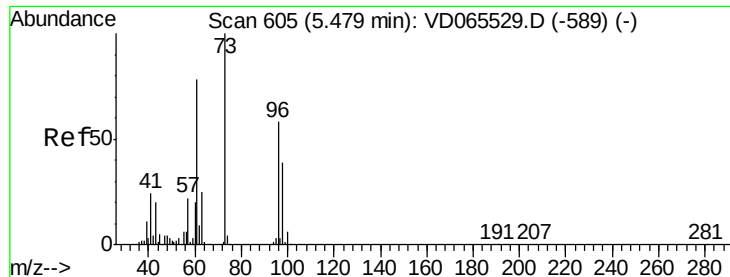
43 100

74 24.8 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

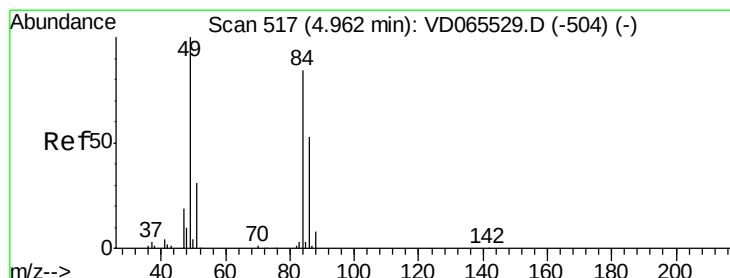
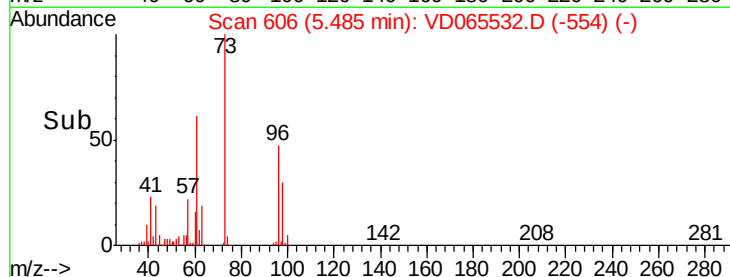
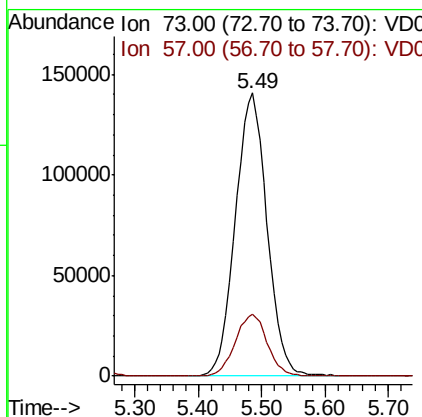
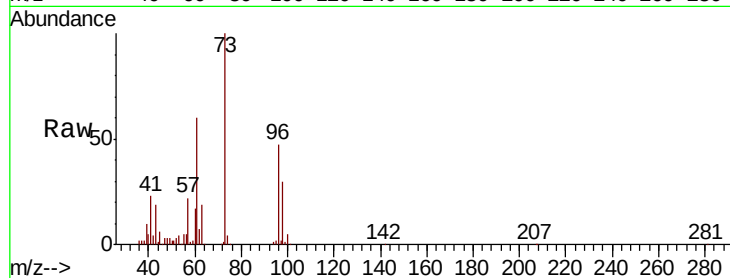




#19
Methyl tert-butyl Ether
Concen: 52.790 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

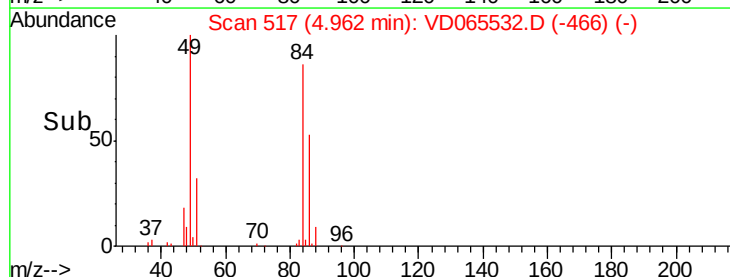
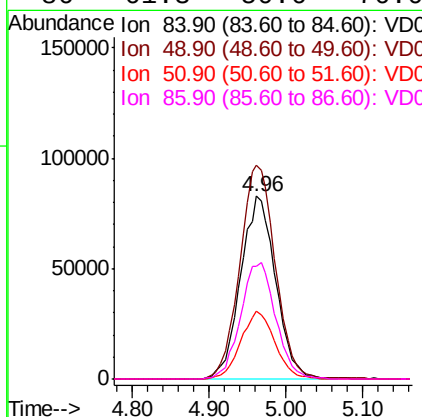
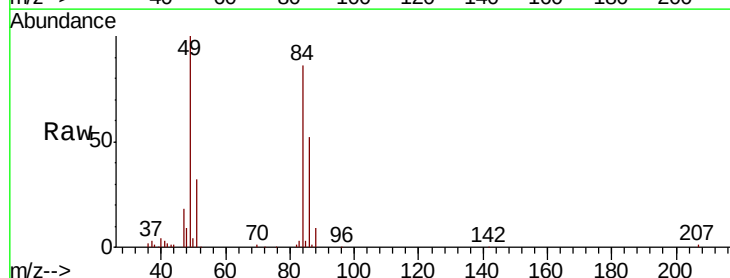
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

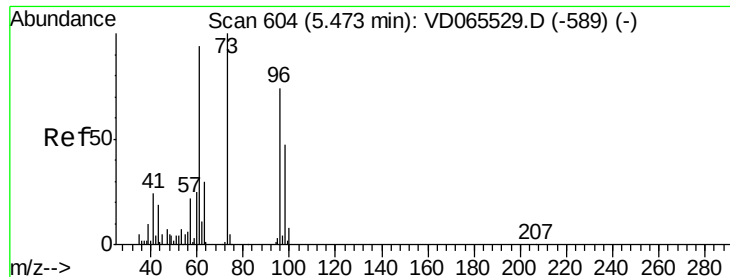
Tot Ion: 73 Resp: 487352
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 50.762 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 84 Resp: 264081
Ion Ratio Lower Upper
84 100
49 116.9 95.6 143.4
51 36.8 29.4 44.2
86 61.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 49.551 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

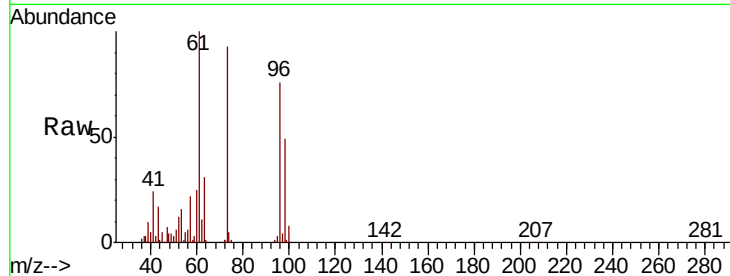
Tot Ion: 96 Resp: 263891

Ion Ratio Lower Upper

96 100

61 132.0 101.8 152.6

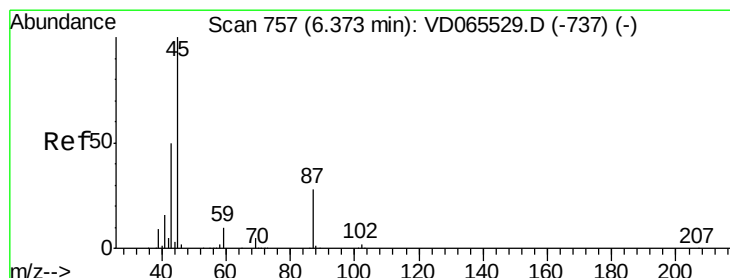
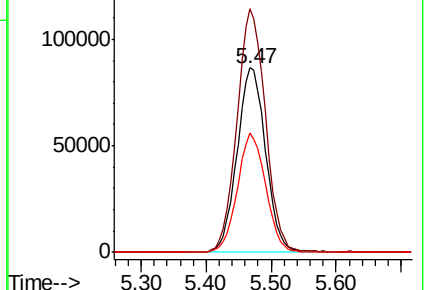
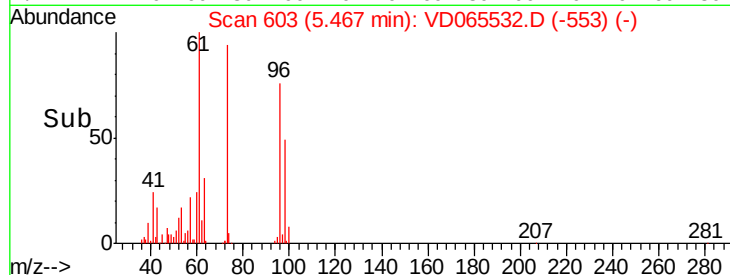
98 64.8 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 53.081 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion: 45 Resp: 724989

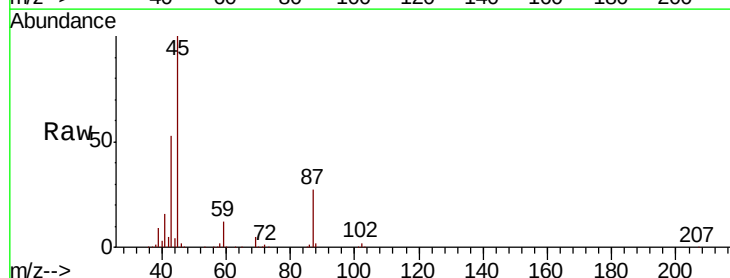
Ion Ratio Lower Upper

45 100

43 52.6 40.5 60.7

87 27.0 22.5 33.7

59 12.1 8.6 12.8

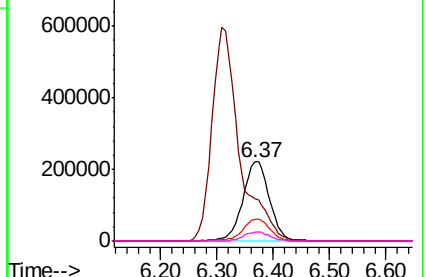
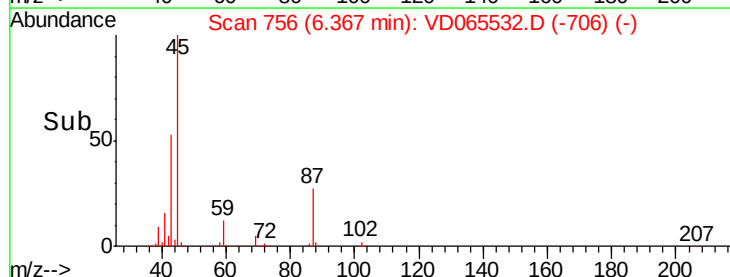


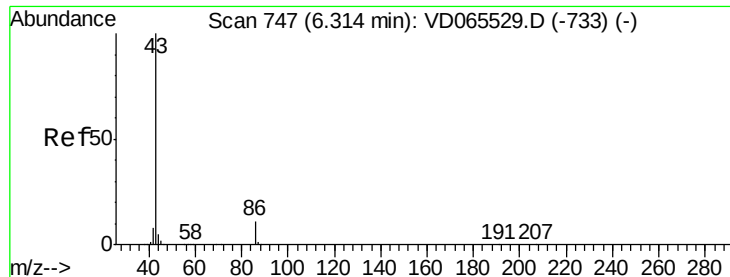
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 271.662 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

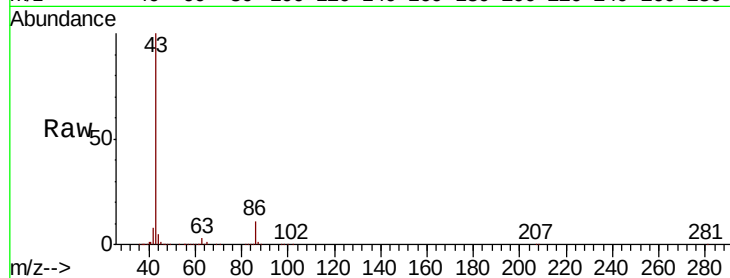
ICVVD032620

Tot Ion: 43 Resp: 2021004

Ion Ratio Lower Upper

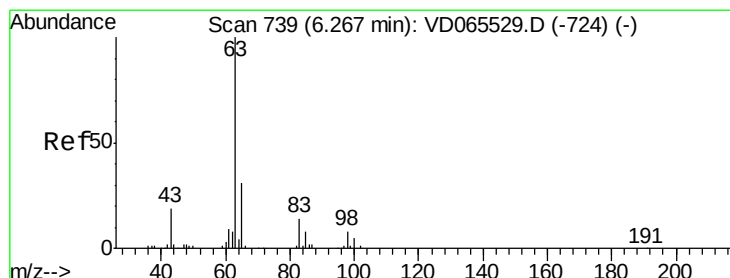
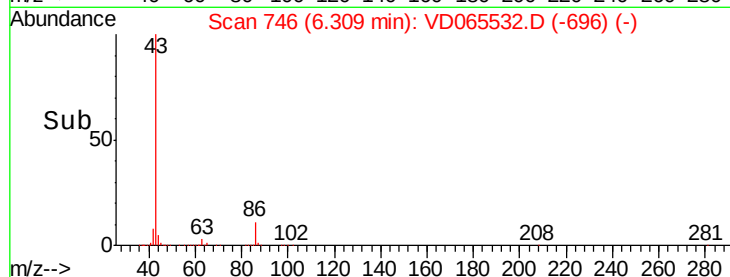
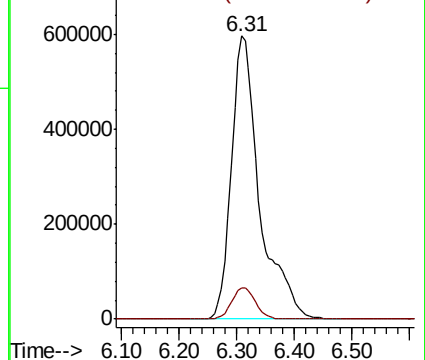
43 100

86 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.081 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

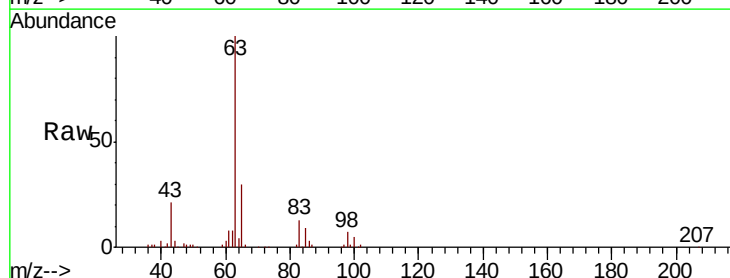
Tgt Ion: 63 Resp: 433745

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

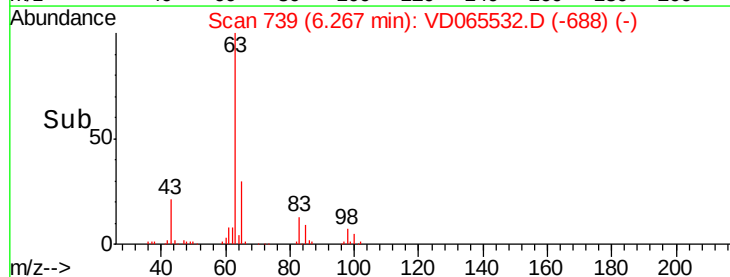
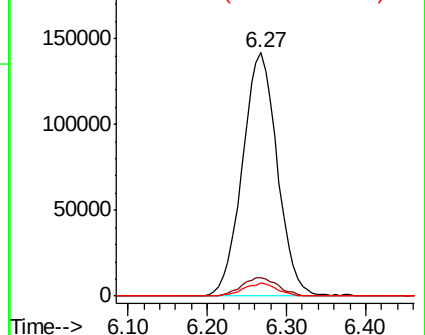
100 5.2 2.5 7.4

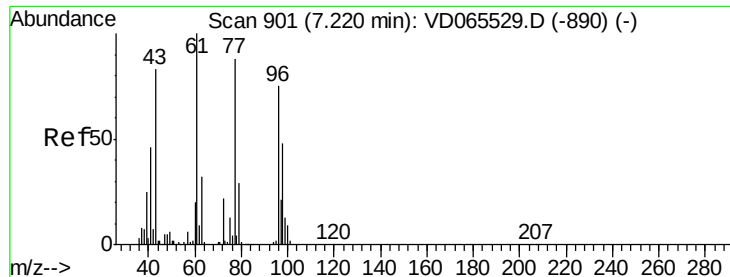


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 245.861 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

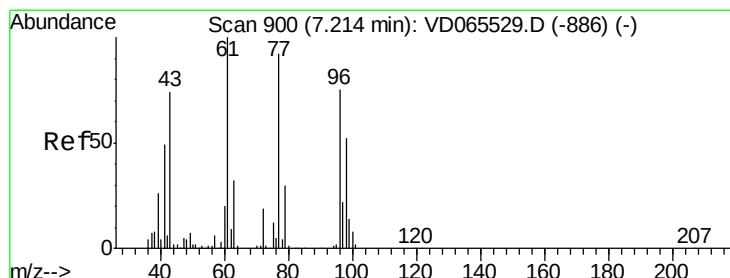
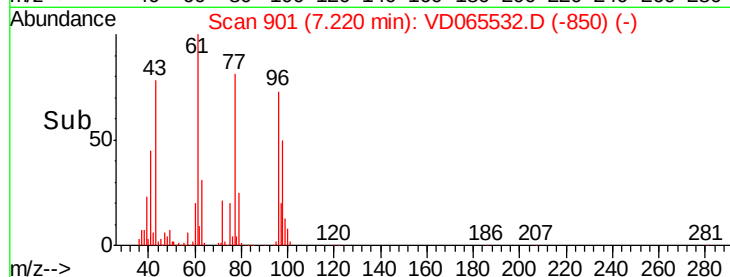
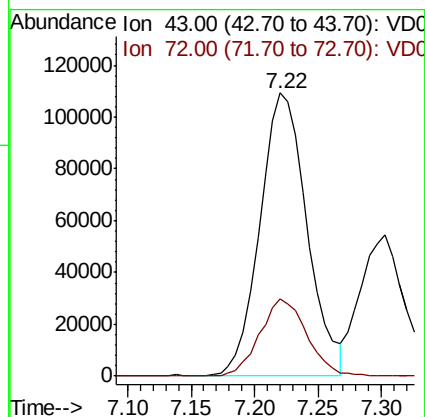
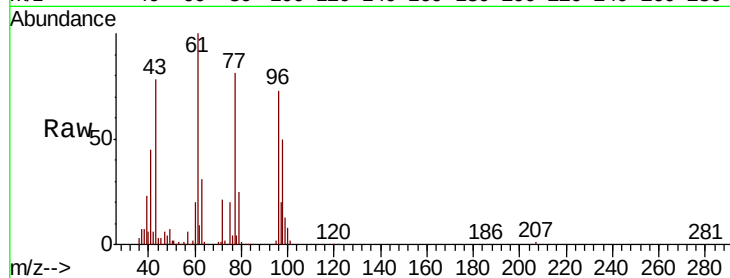
ICVVD032620

Tot Ion: 43 Resp: 281005

Ion Ratio Lower Upper

43 100

72 27.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 48.345 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065532.D

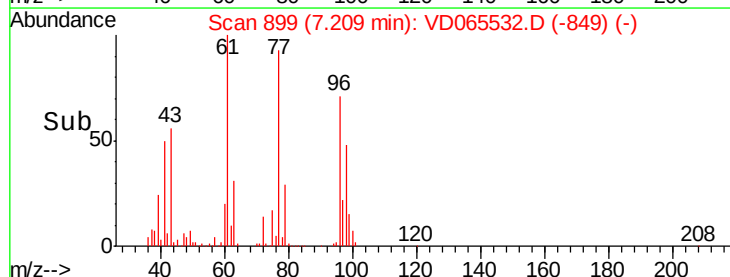
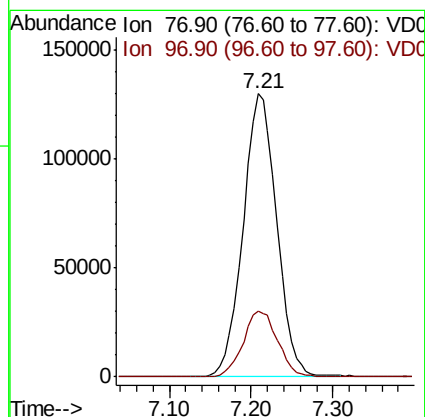
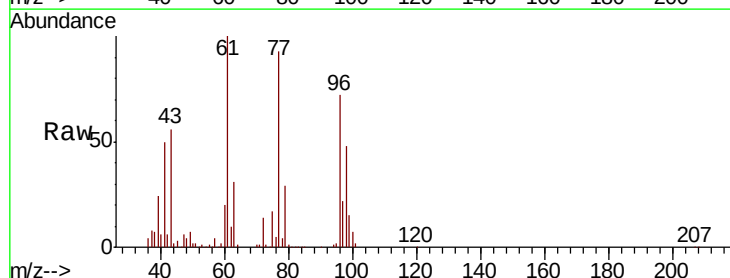
Acq: 26 Mar 2020 19:21

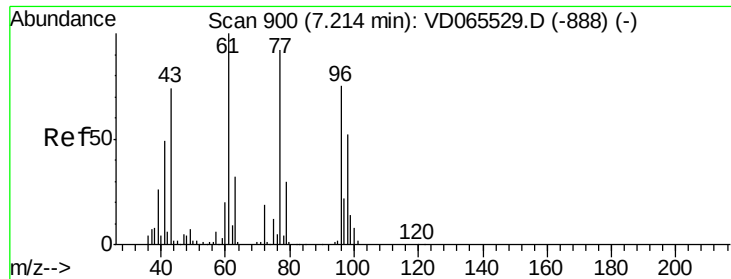
Tgt Ion: 77 Resp: 370782

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



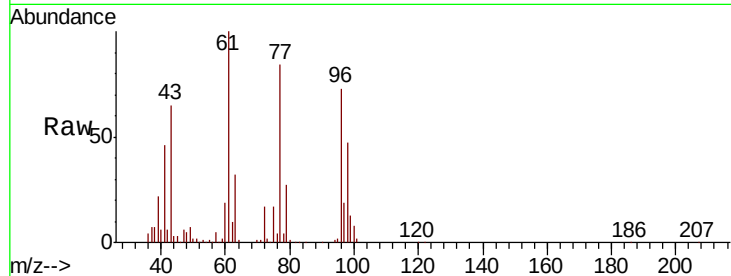


#27

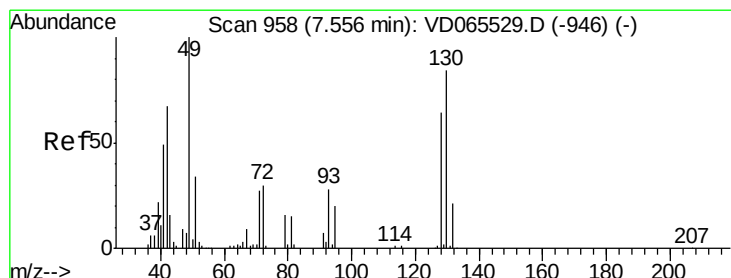
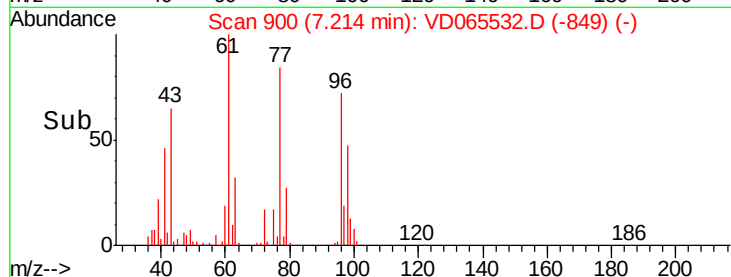
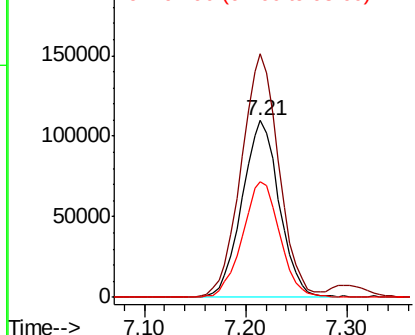
cis-1,2-Dichloroethene
 Concen: 50.883 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion: 96 Resp: 280804
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 278.0
 98 65.8 0.0 129.6



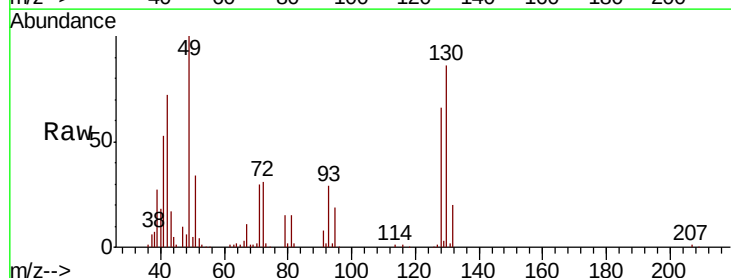
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



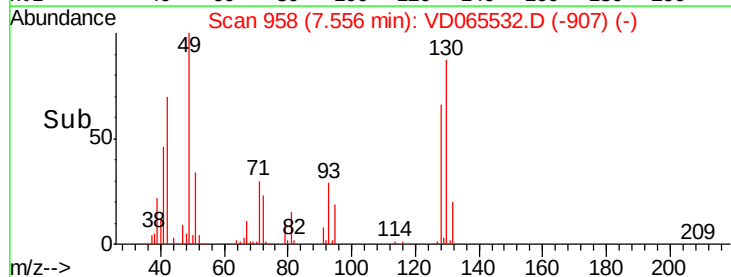
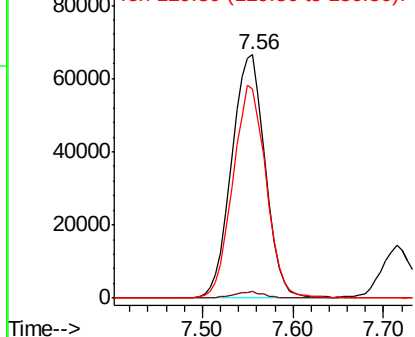
#28

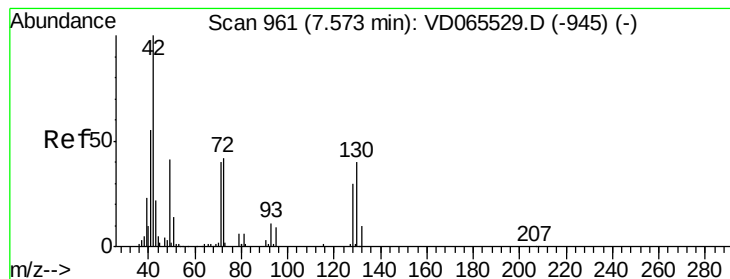
Bromochloromethane
 Concen: 47.689 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 49 Resp: 171731
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 86.3 69.7 104.5



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





#29

Tetrahydrofuran

Concen: 253.577 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

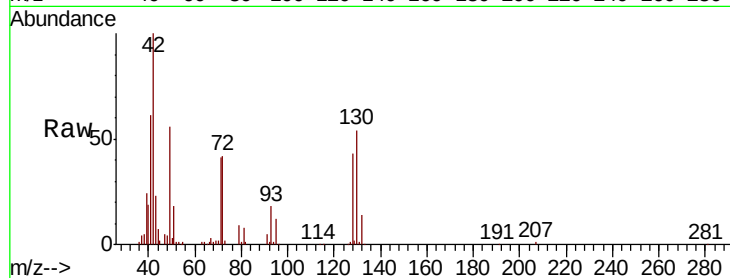
Tot Ion: 42 Resp: 187839

Ion Ratio Lower Upper

42 100

72 44.8 35.0 52.6

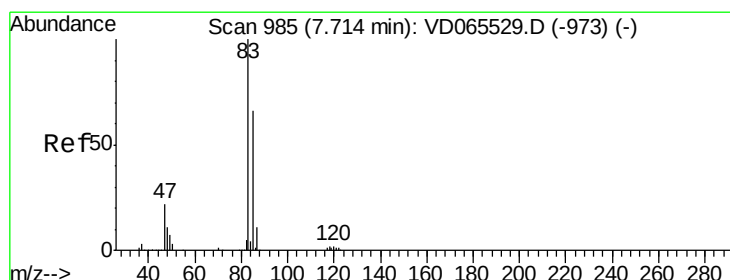
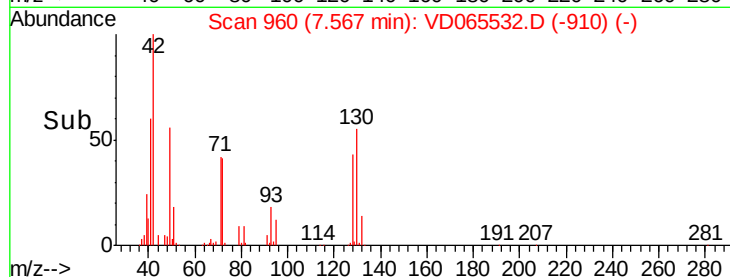
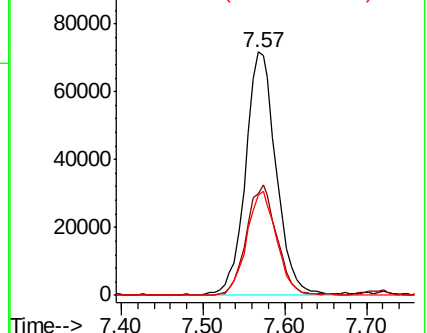
71 41.6 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 49.632 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065532.D

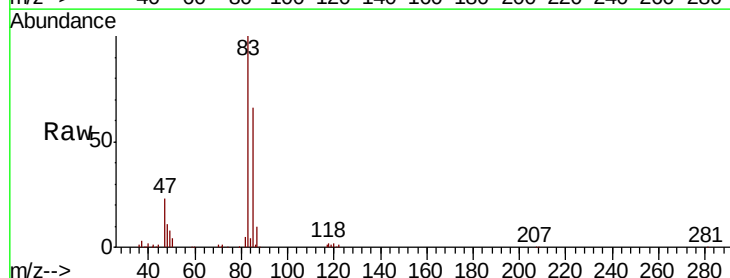
Acq: 26 Mar 2020 19:21

Tgt Ion: 83 Resp: 445273

Ion Ratio Lower Upper

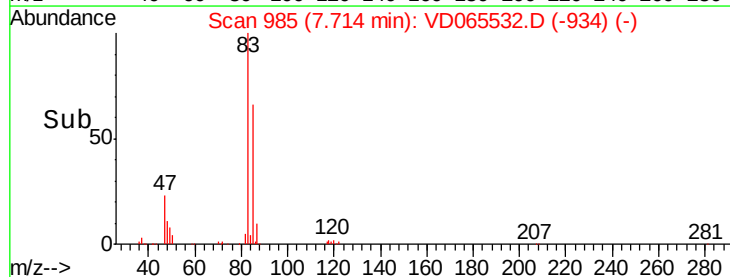
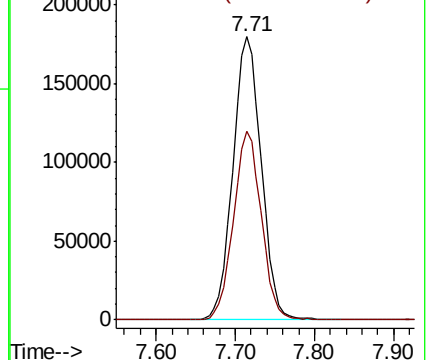
83 100

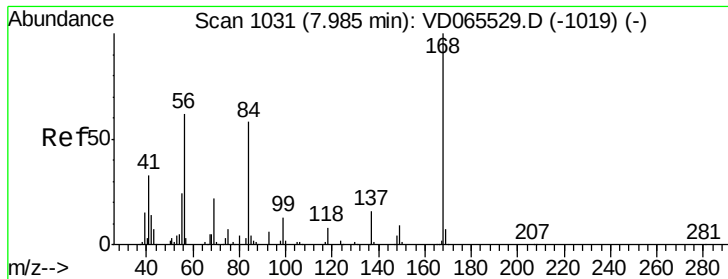
85 66.5 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

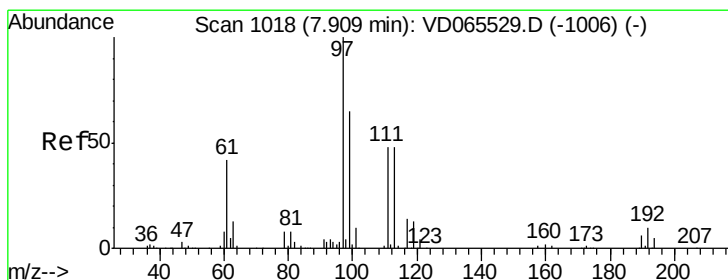
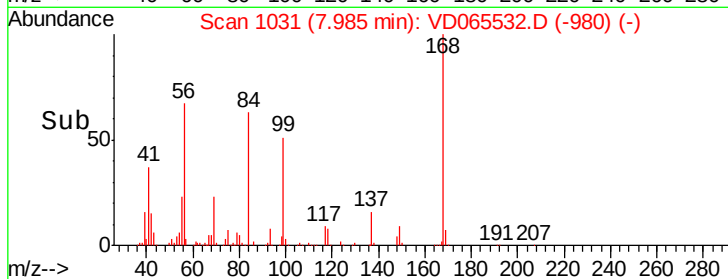
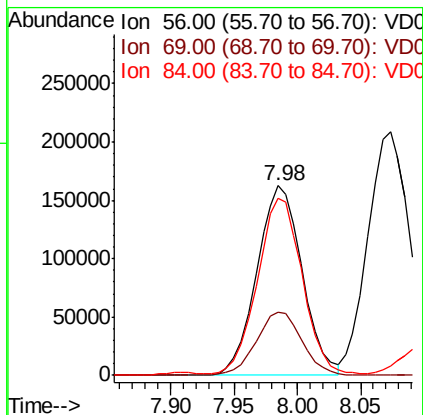
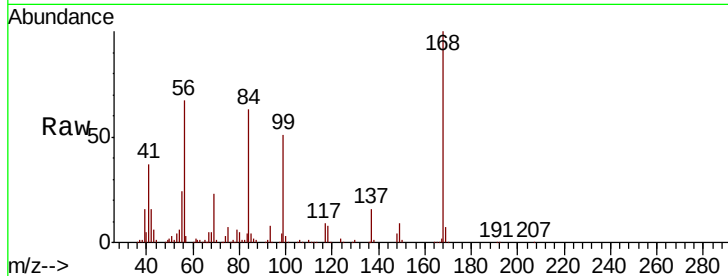




#31
Cyclohexane
Concen: 48.220 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

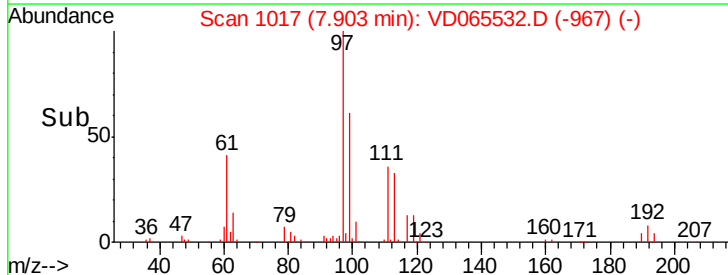
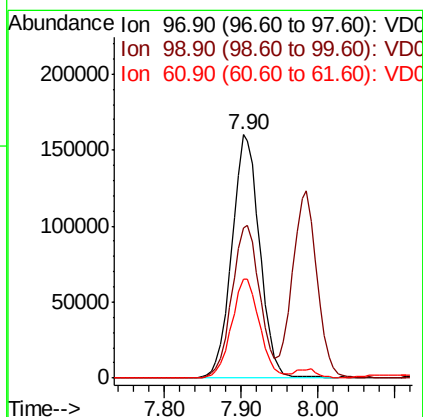
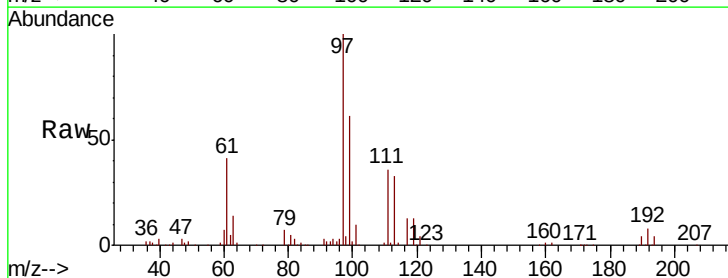
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

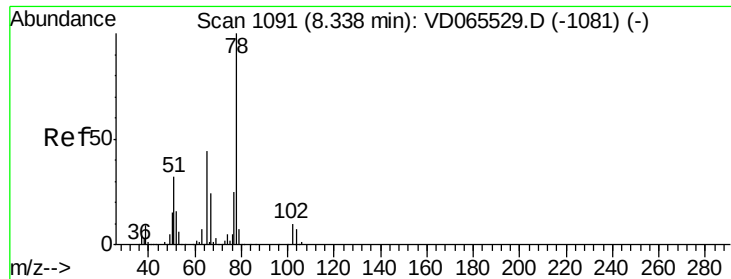
Tot Ion: 56 Resp: 404292
Ion Ratio Lower Upper
56 100
69 33.6 28.2 42.4
84 91.7 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 49.820 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 97 Resp: 403793
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 41.1 33.4 50.2

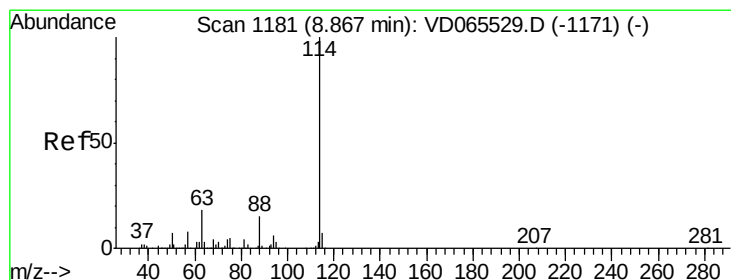
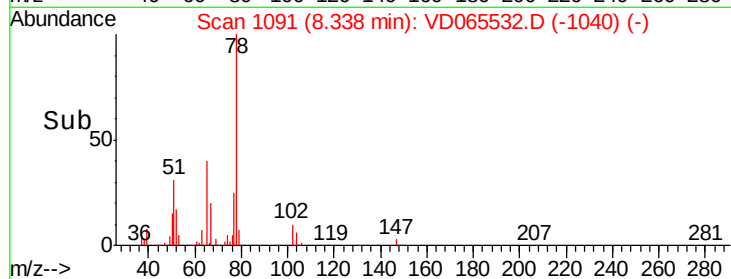
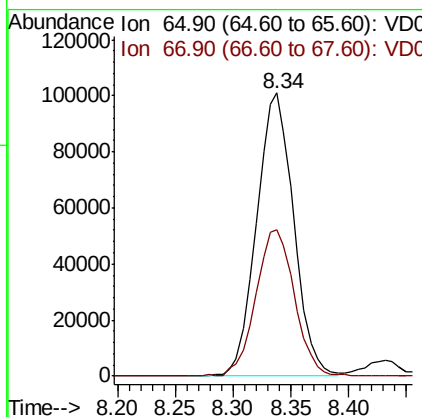
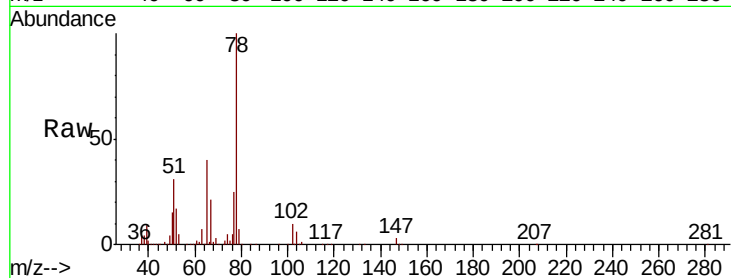




#33
 1,2-Dichloroethane-d4
 Concen: 50.529 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

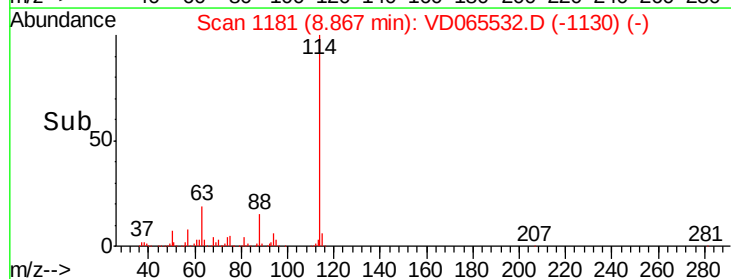
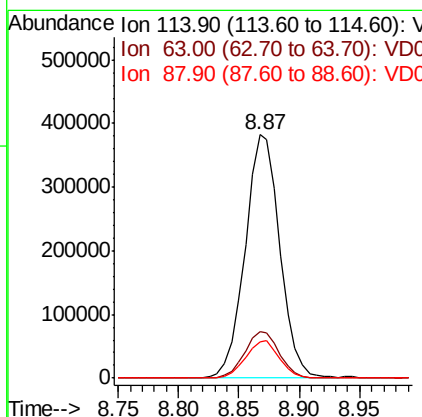
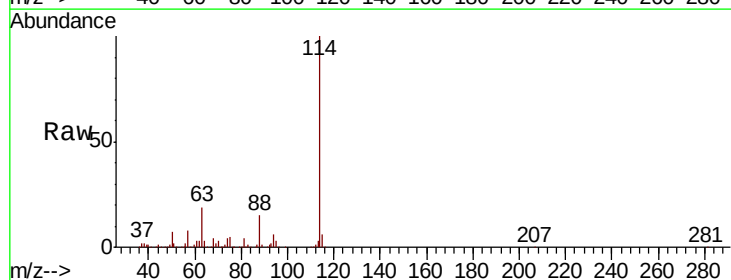
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

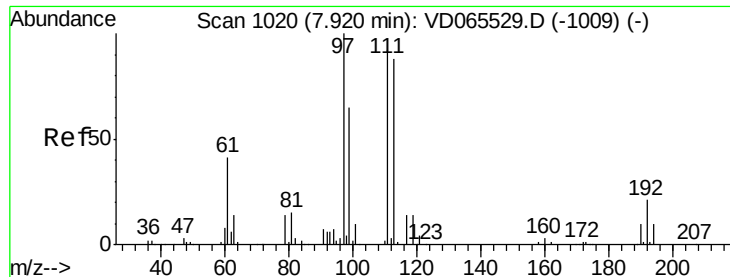
Tot Ion: 65 Resp: 225372
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 114 Resp: 767756
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 14.8 0.0 30.4

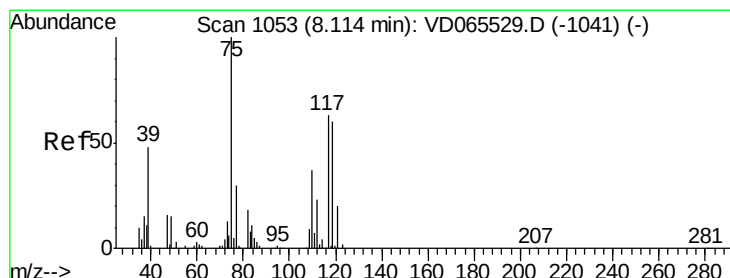
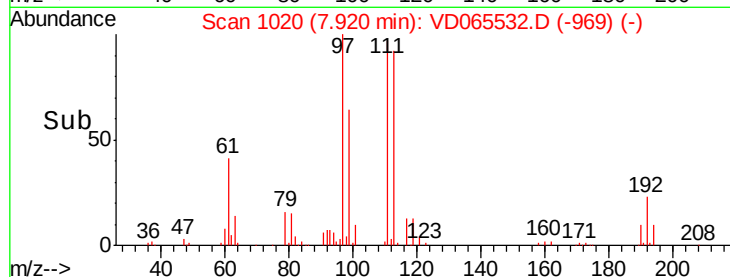
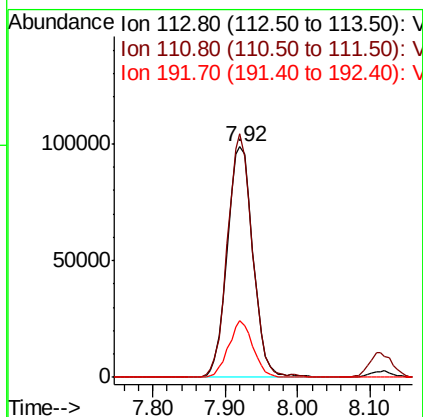
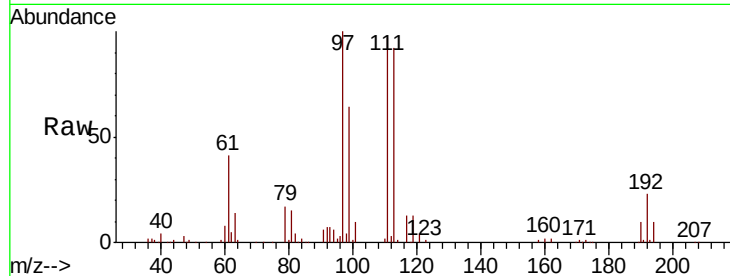




#35
 Dibromofluoromethane
 Concen: 51.641 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

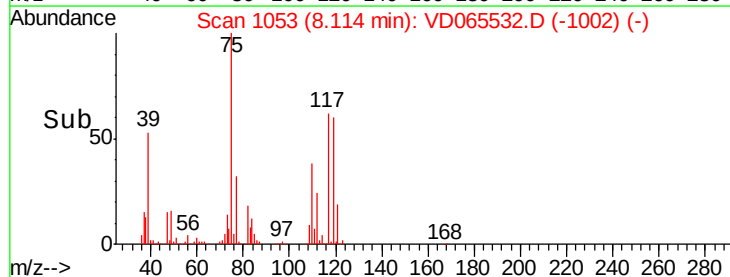
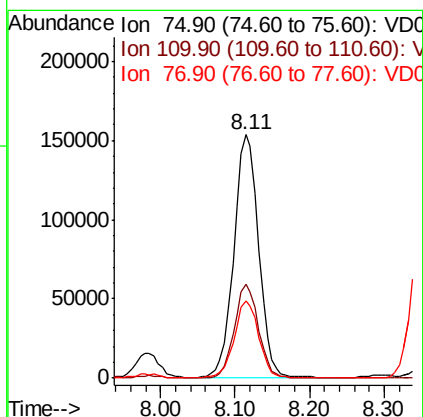
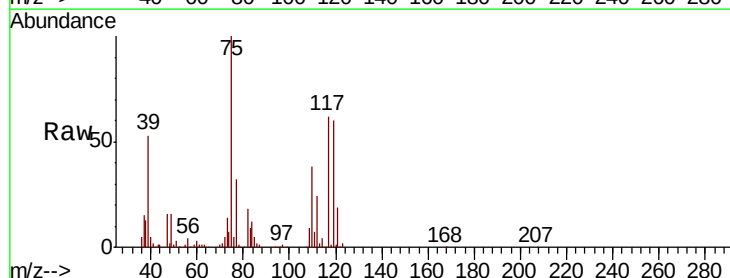
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

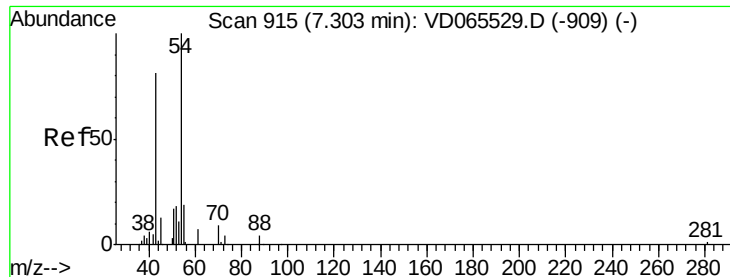
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.3	124.9
192	23.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 50.331 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.8	56.4
77	31.9	25.1	37.7

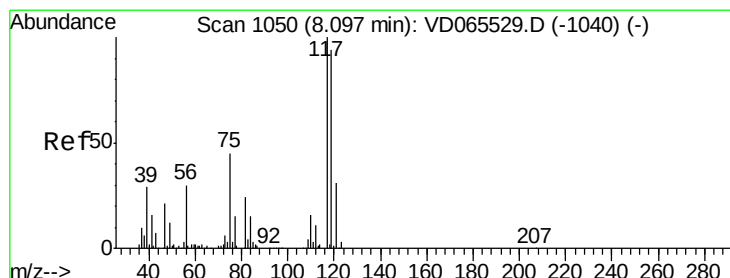
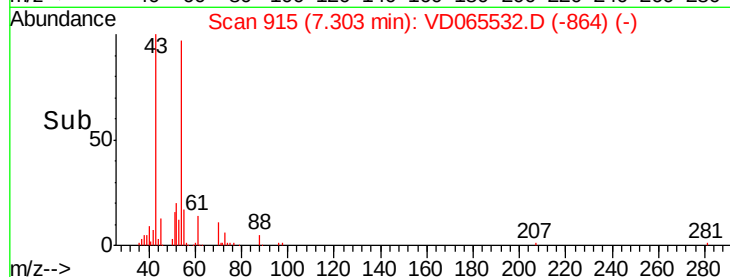
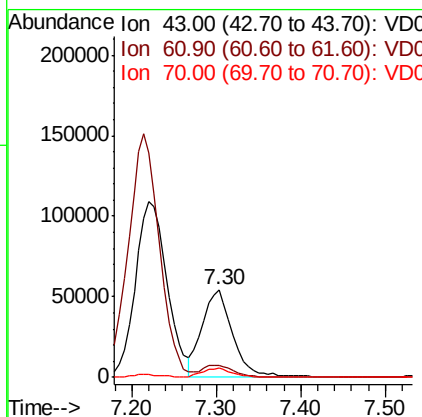
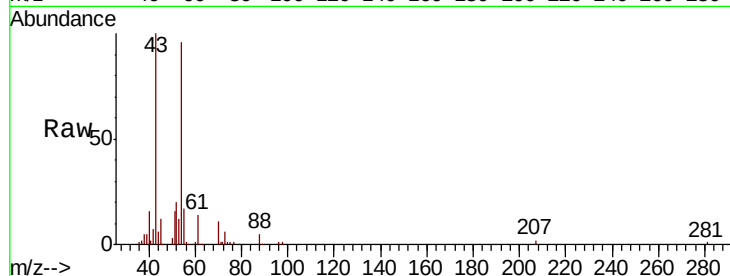




#37
Ethyl Acetate
Concen: 50.544 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

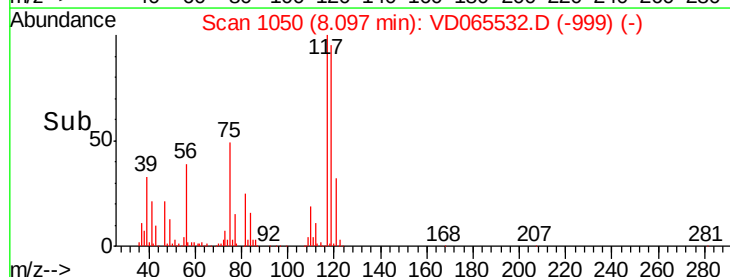
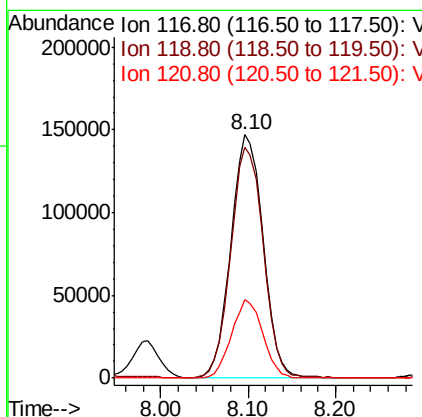
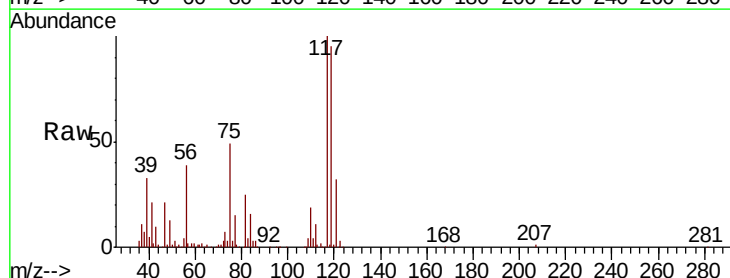
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

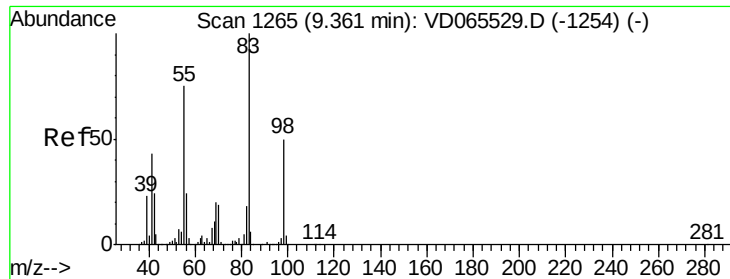
Tot Ion: 43 Resp: 135715
Ion Ratio Lower Upper
43 100
61 14.0 12.2 18.4
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.456 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 117 Resp: 365387
Ion Ratio Lower Upper
117 100
119 95.2 75.2 112.8
121 32.5 24.5 36.7

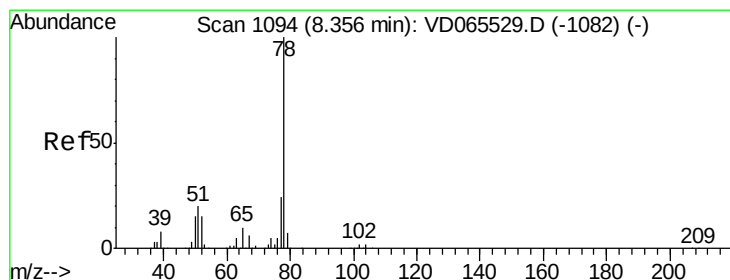
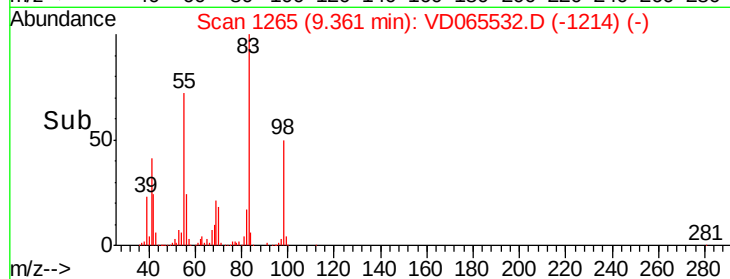
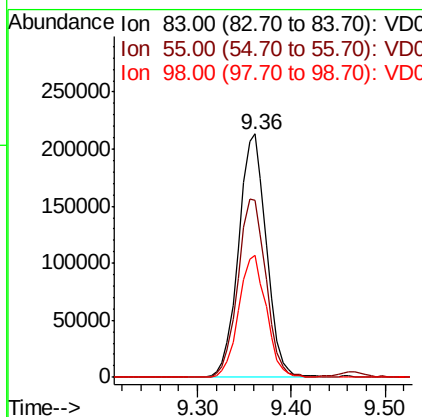
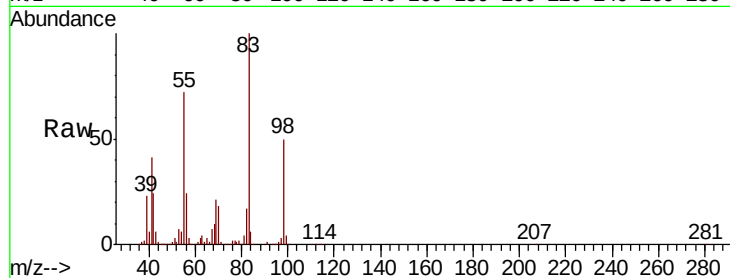




#39
Methylvlcyclohexane
Concen: 52.870 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

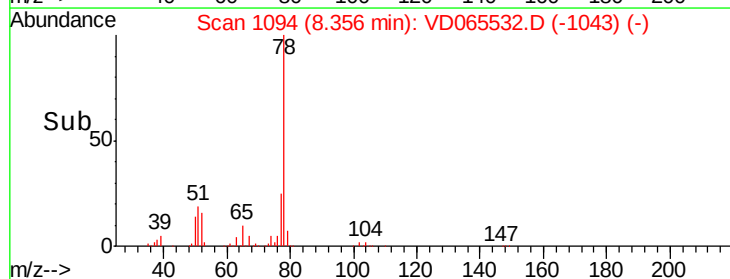
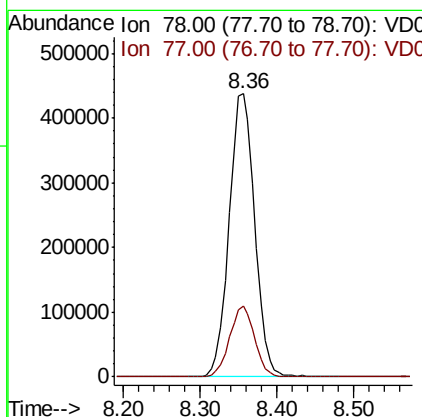
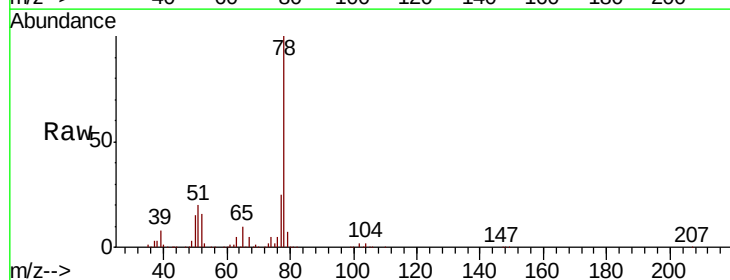
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

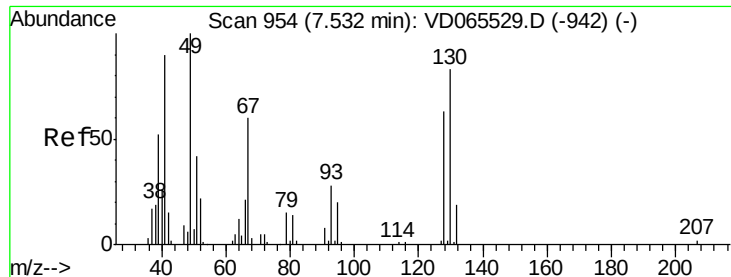
Tot Ion: 83 Resp: 437247
Ion Ratio Lower Upper
83 100
55 72.5 59.7 89.5
98 49.9 40.2 60.2



#40
Benzene
Concen: 50.836 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 78 Resp: 1017563
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7





#41

Methacrylonitrile

Concen: 49.254 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

Tot Ion: 41 Resp: 76341

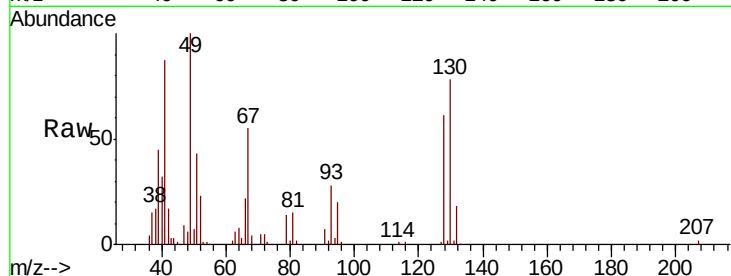
Ion Ratio Lower Upper

41 100

39 58.5 42.9 64.3

67 75.4 60.5 90.7

52 30.6 24.5 36.7

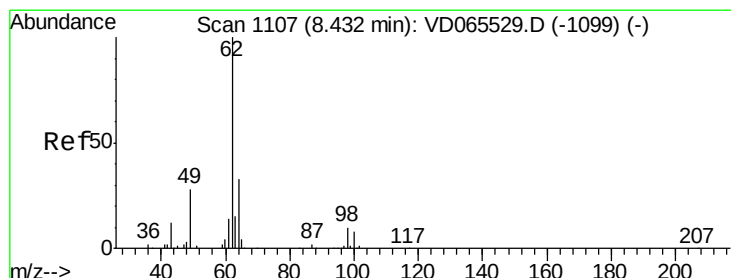
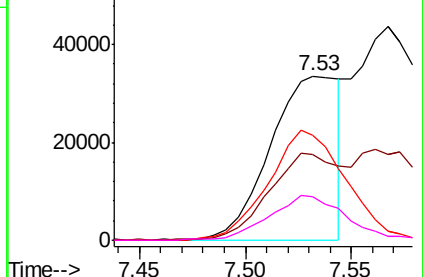
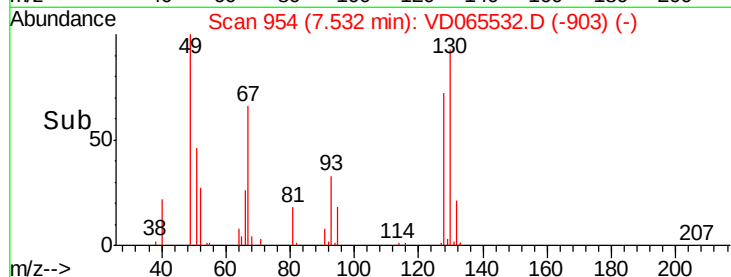


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 50.483 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065532.D

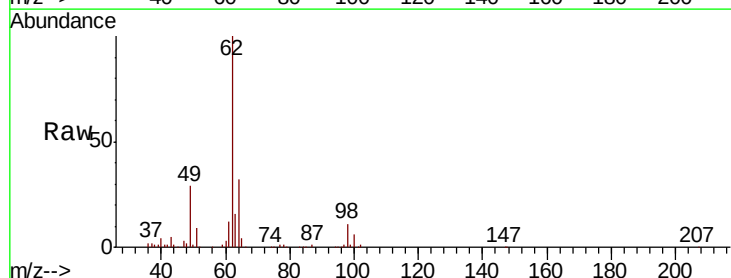
Acq: 26 Mar 2020 19:21

Tgt Ion: 62 Resp: 268892

Ion Ratio Lower Upper

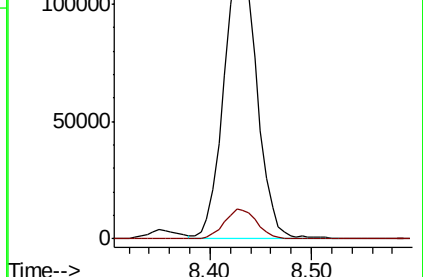
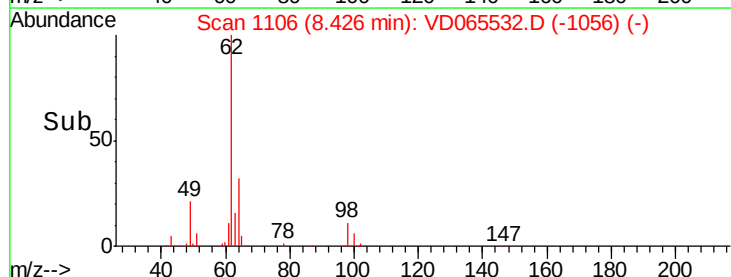
62 100

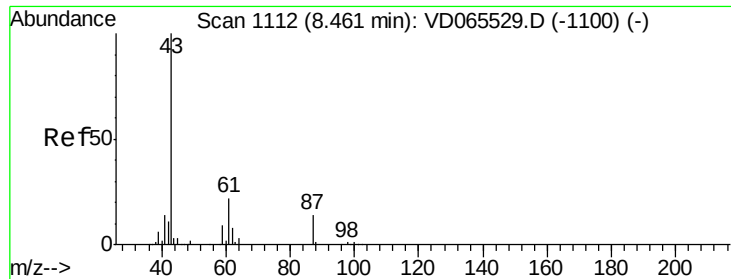
98 10.3 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.213 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

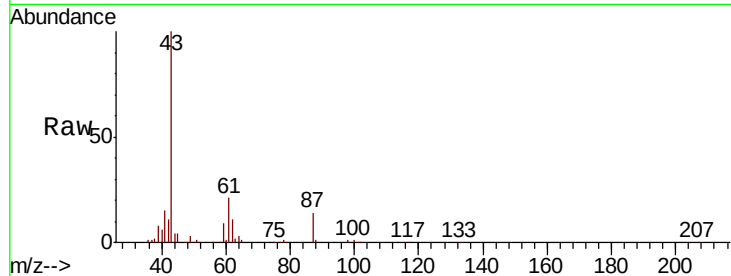
Tot Ion: 43 Resp: 254590

Ion Ratio Lower Upper

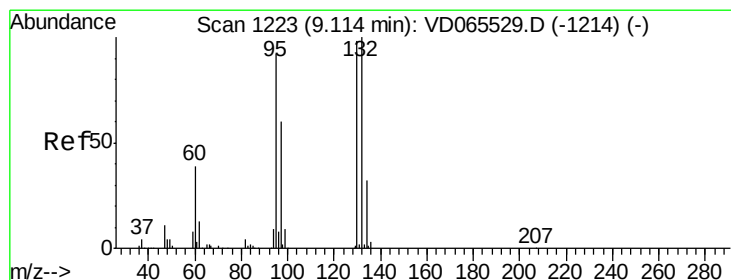
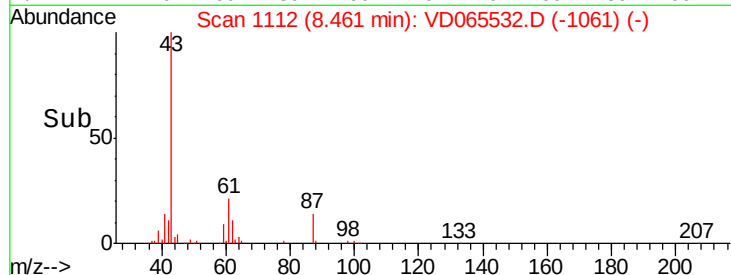
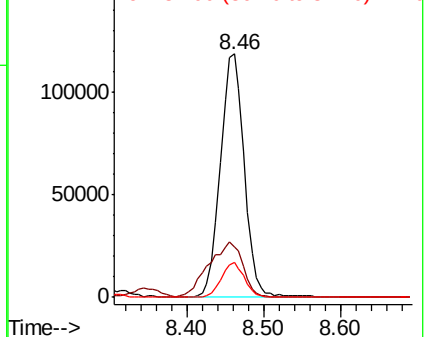
43 100

61 32.6 25.0 37.4

87 13.9 11.0 16.4



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: 49.946 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065532.D

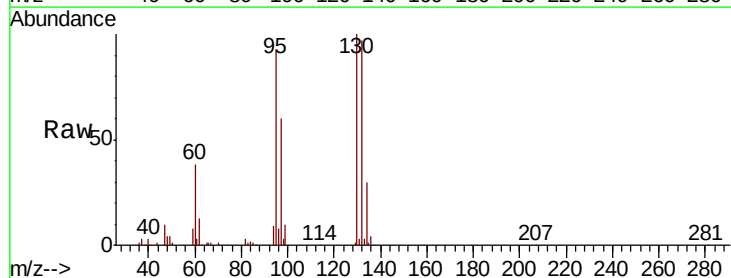
Acq: 26 Mar 2020 19:21

Tgt Ion:130 Resp: 290077

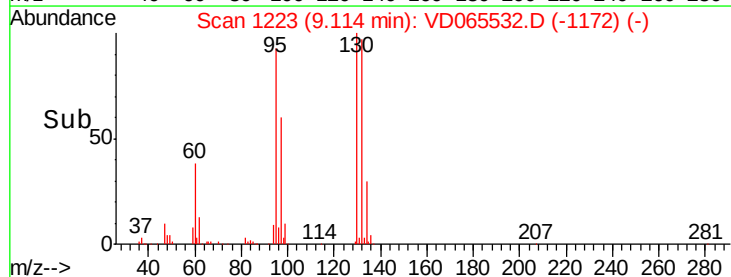
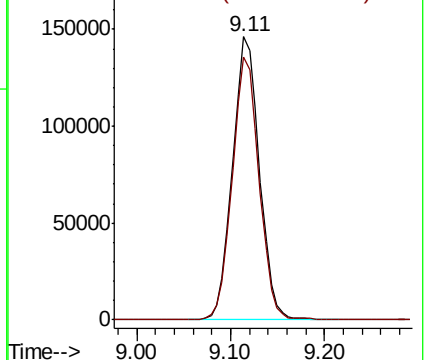
Ion Ratio Lower Upper

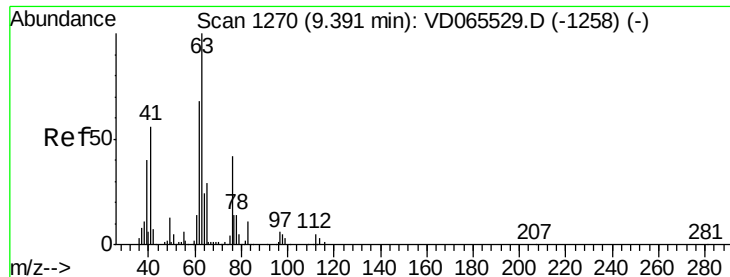
130 100

95 93.1 0.0 187.0



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

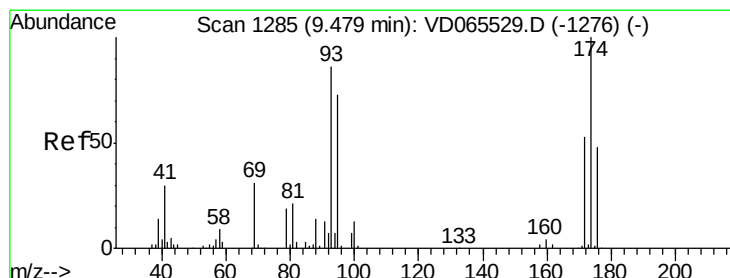
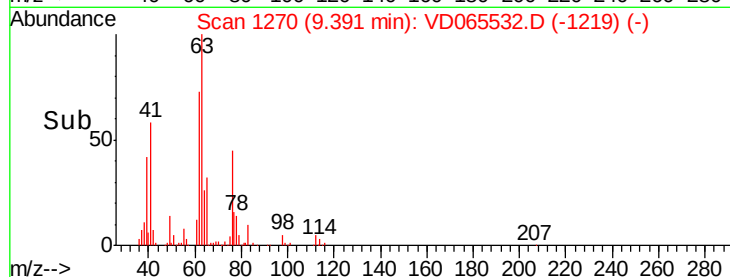
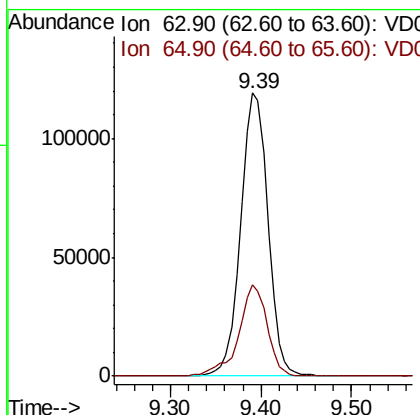
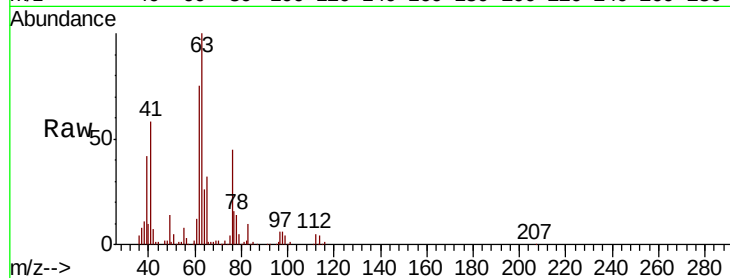




#45
 1,2-Dichloropropane
 Concen: 51.347 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

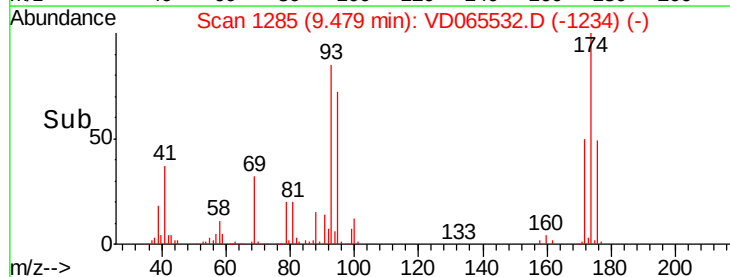
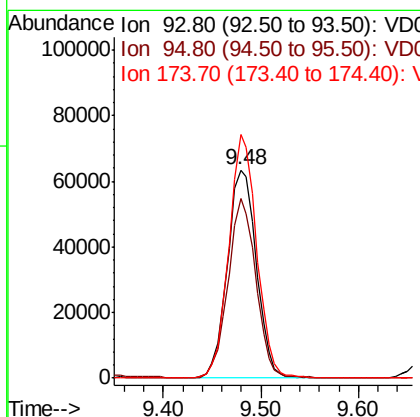
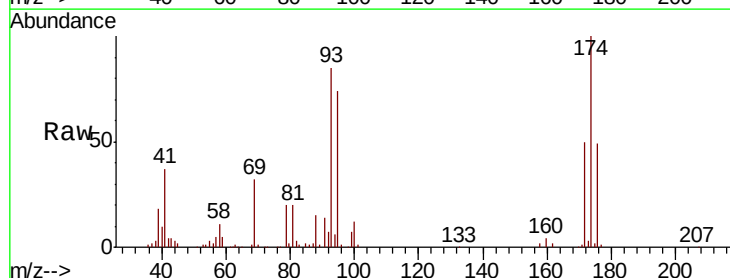
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

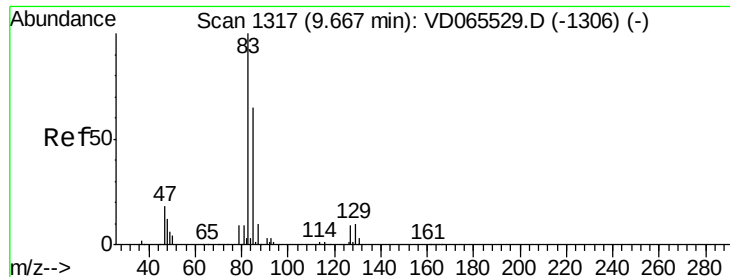
Tot Ion: 63 Resp: 249663
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.5 35.3



#46
 Dibromomethane
 Concen: 51.448 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 93 Resp: 131265
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.3 100.9
 174 112.1 92.5 138.7





#47

Bromodichloromethane

Concen: 50.960 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

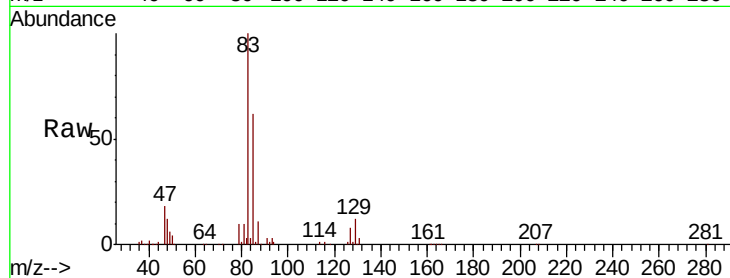
Tot Ion: 83 Resp: 344441

Ion Ratio Lower Upper

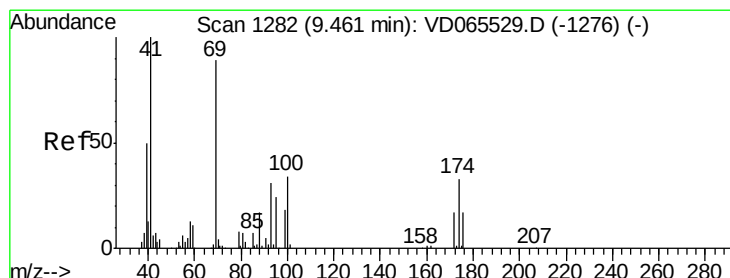
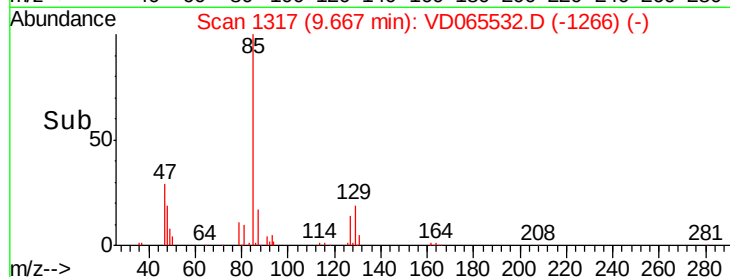
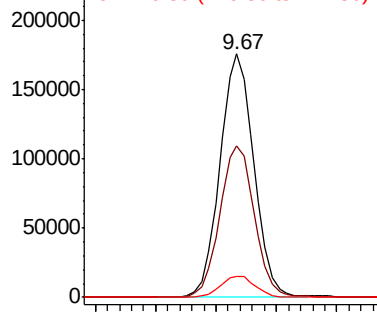
83 100

85 62.3 52.2 78.2

127 8.4 7.1 10.7



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



#48

Methyl methacrylate

Concen: 52.069 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

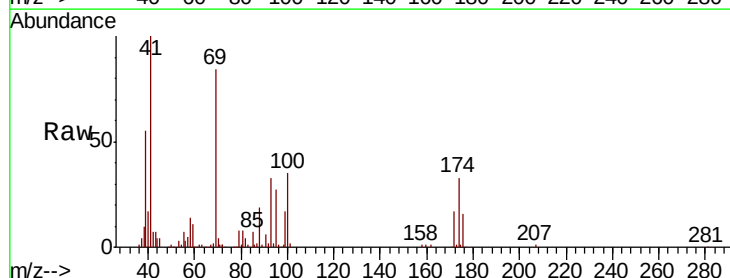
Tgt Ion: 41 Resp: 120719

Ion Ratio Lower Upper

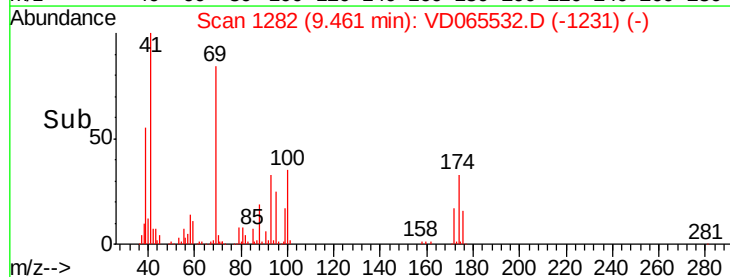
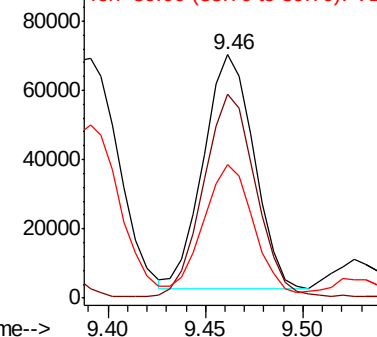
41 100

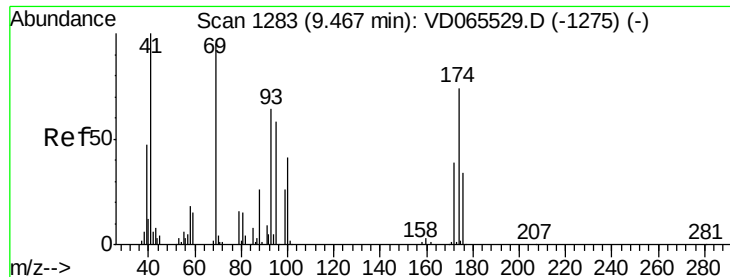
69 89.9 71.8 107.6

39 52.4 42.2 63.4



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





#49

1,4-Dioxane

Concen: 1102.114 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

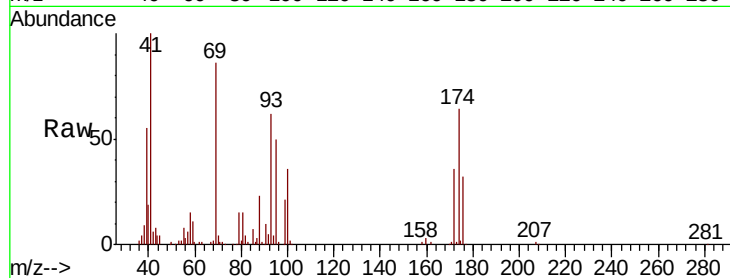
Tot Ion: 88 Resp: 30577

Ion Ratio Lower Upper

88 100

43 31.7 26.0 39.0

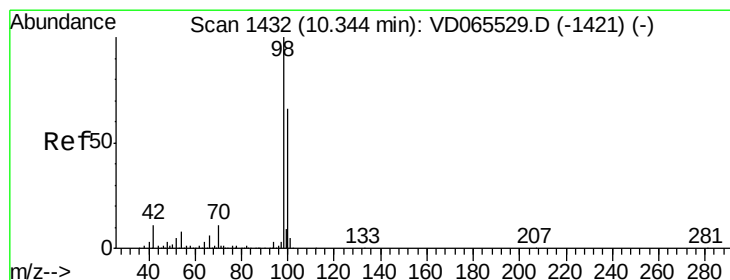
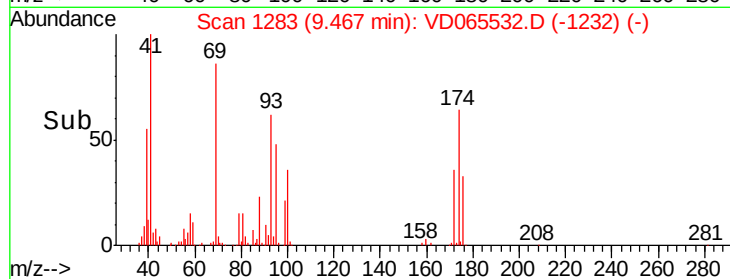
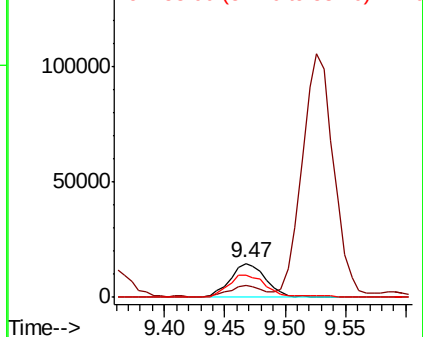
58 73.0 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.582 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065532.D

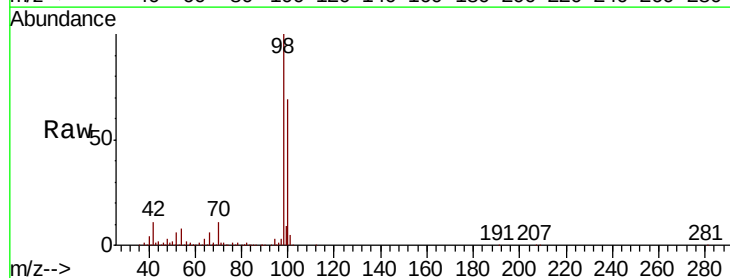
Acq: 26 Mar 2020 19:21

Tgt Ion: 98 Resp: 935509

Ion Ratio Lower Upper

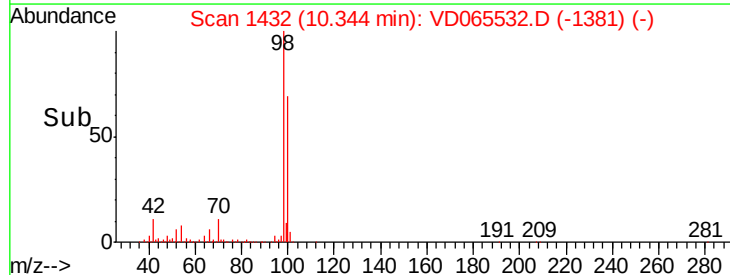
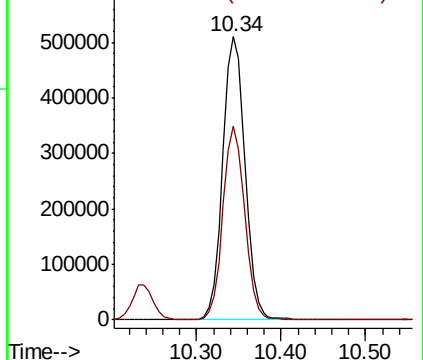
98 100

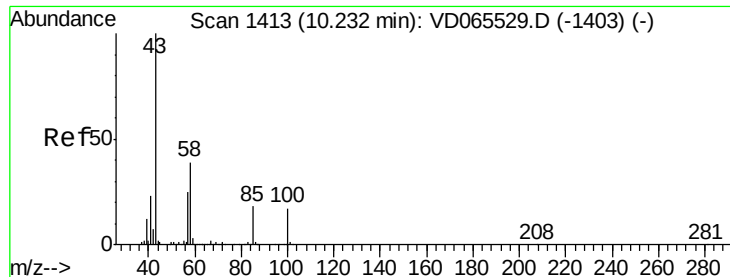
100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

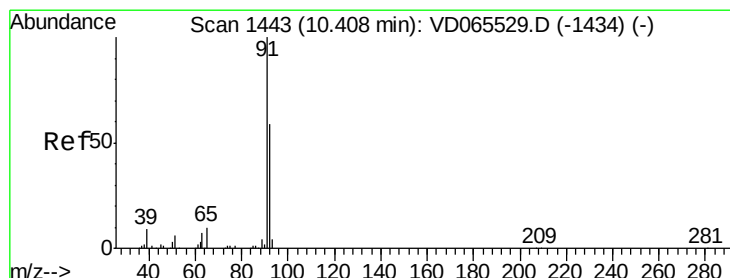
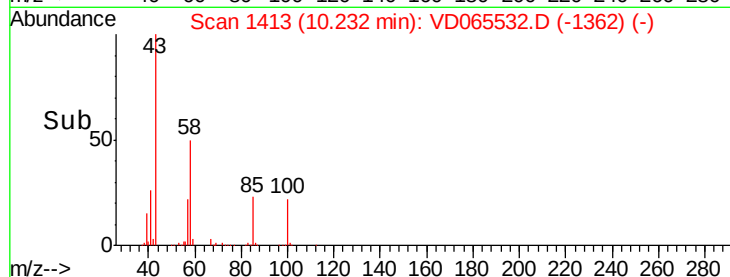
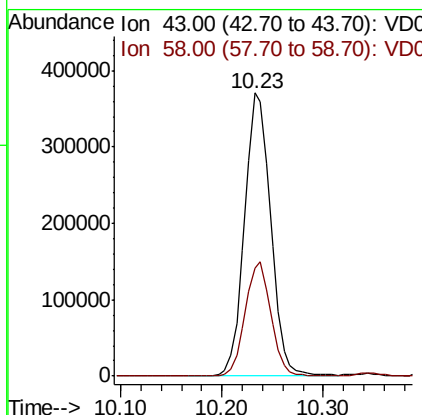
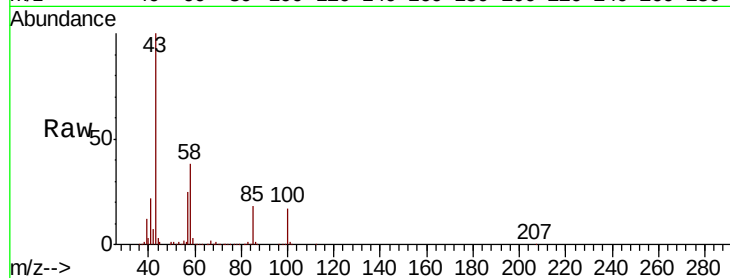




#51
4-Methyl-2-Pentanone
Concen: 270.251 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

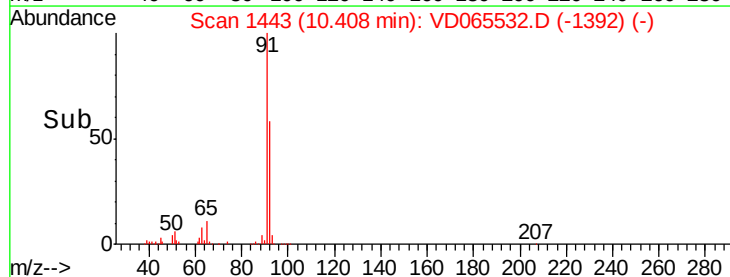
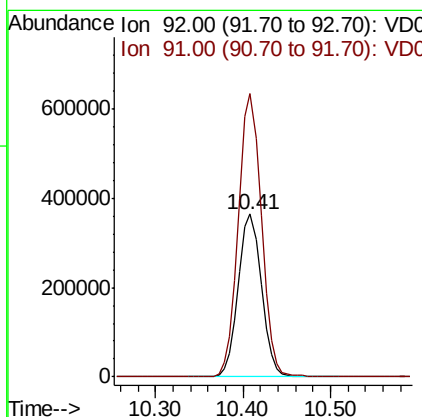
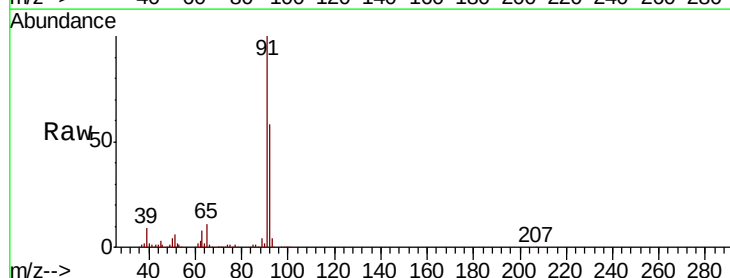
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

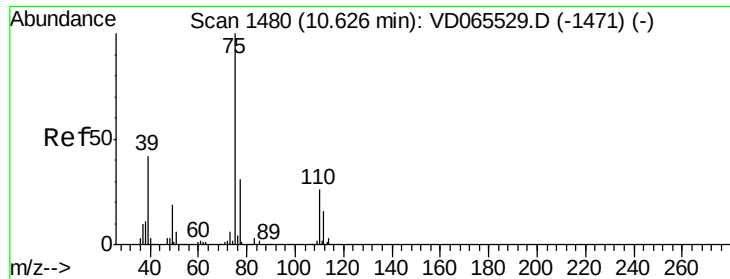
Tot Ion: 43 Resp: 664994
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2



#52
Toluene
Concen: 51.631 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 92 Resp: 654494
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 51.872 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

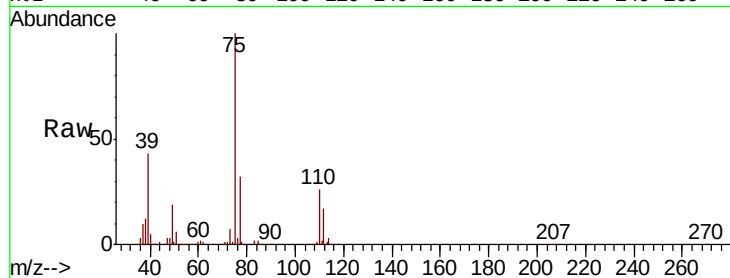
ICVVD032620

Tot Ion: 75 Resp: 320668

Ion Ratio Lower Upper

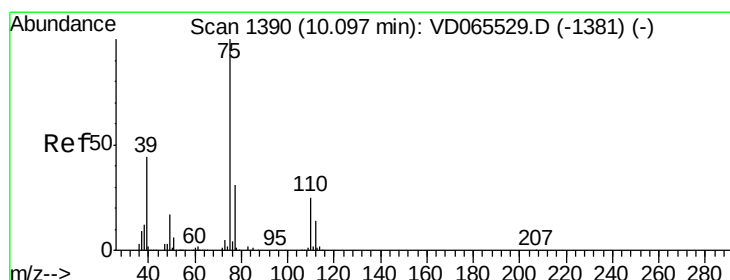
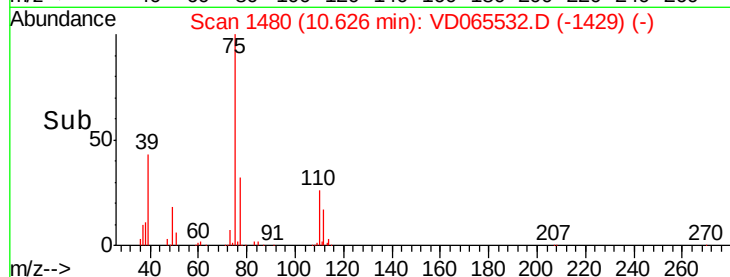
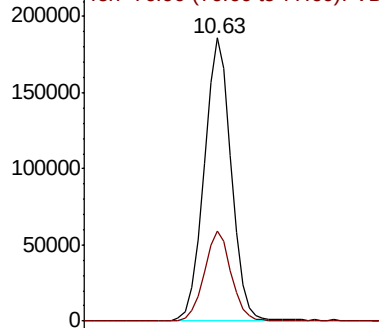
75 100

77 31.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.559 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

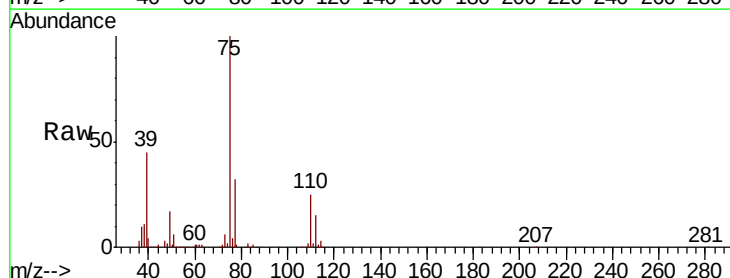
Tgt Ion: 75 Resp: 397527

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

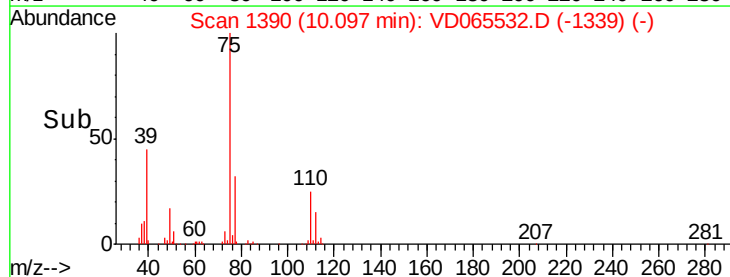
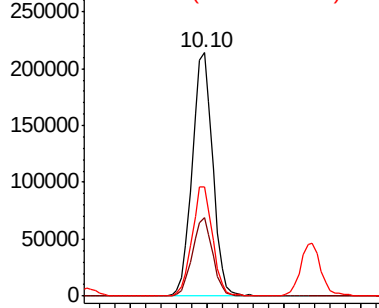
39 44.7 35.4 53.2

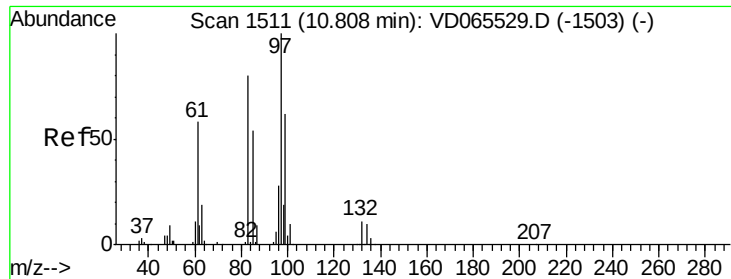


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

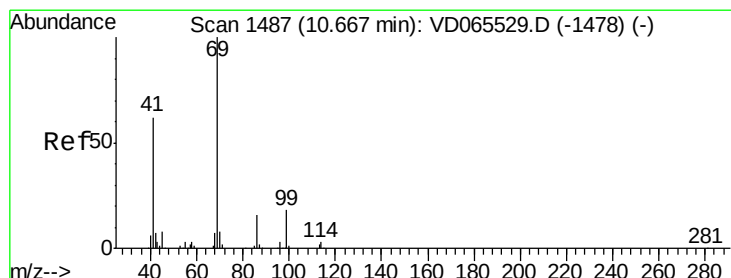
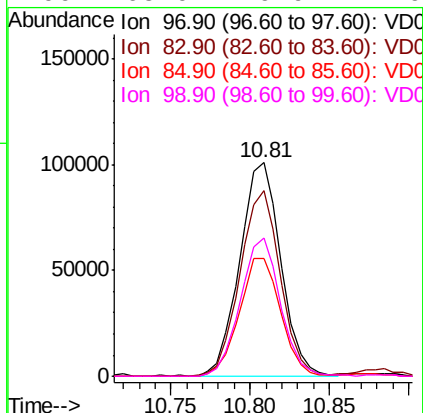
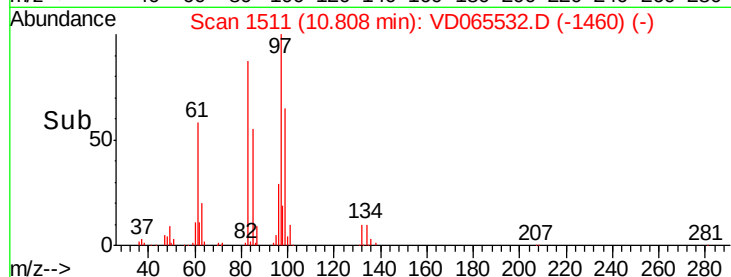
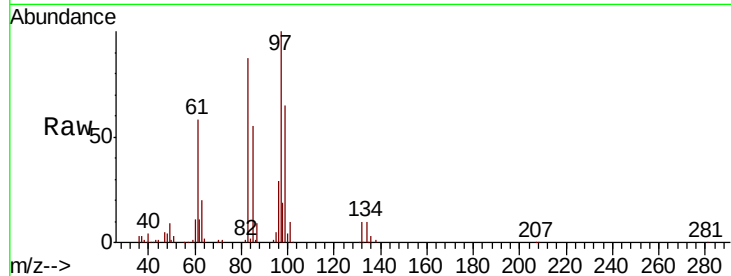




#55
 1,1,2-Trichloroethane
 Concen: 50.033 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

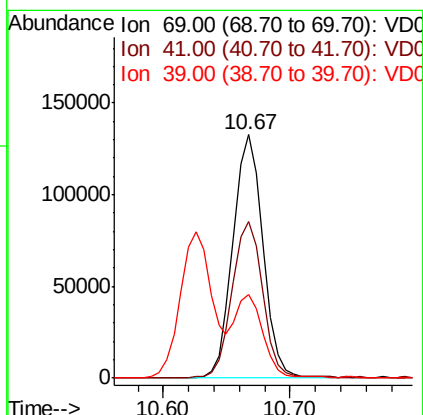
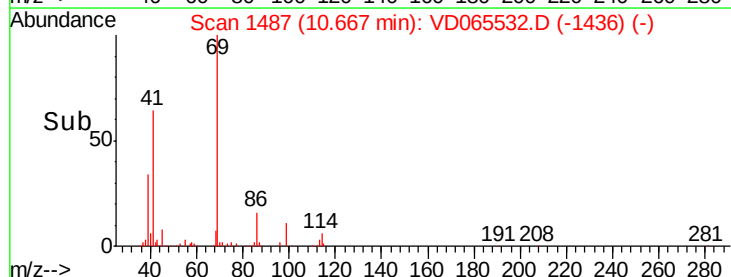
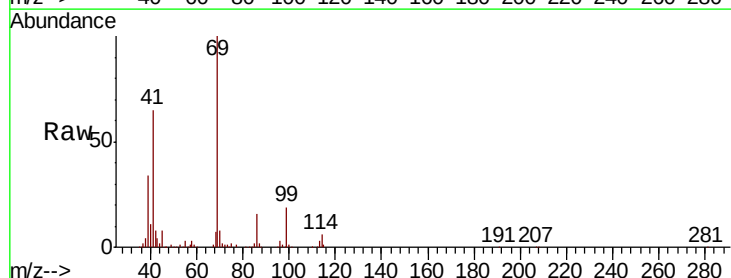
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

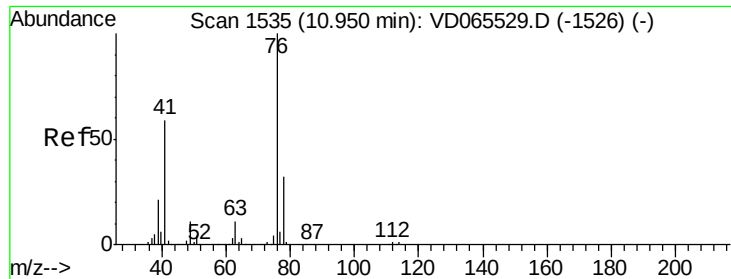
Tot Ion:	97	Resp:	182105
Ion	Ratio	Lower	Upper
97	100		
83	86.8	63.8	95.6
85	55.0	42.9	64.3
99	65.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 49.023 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion:	69	Resp:	217592
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.3	76.9
39	32.0	25.3	37.9





#57

1,3-Dichloropropane

Concen: 51.037 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

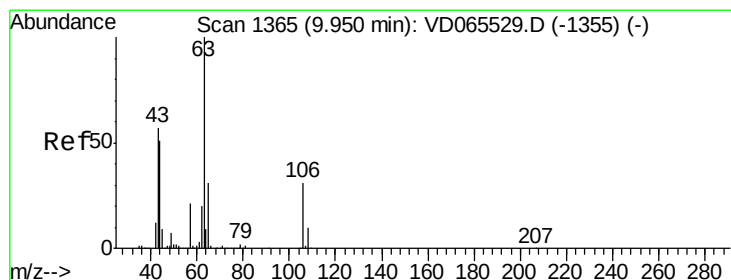
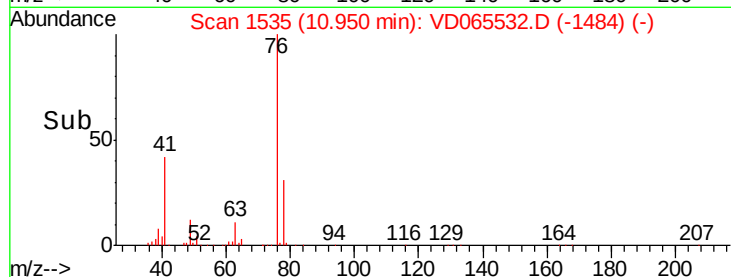
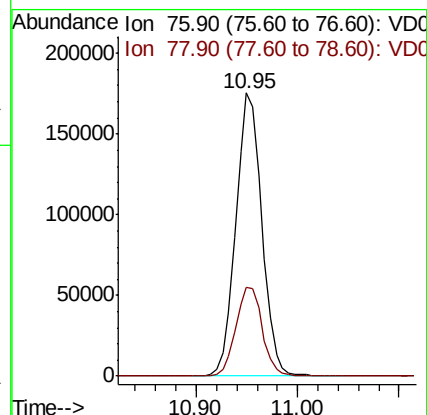
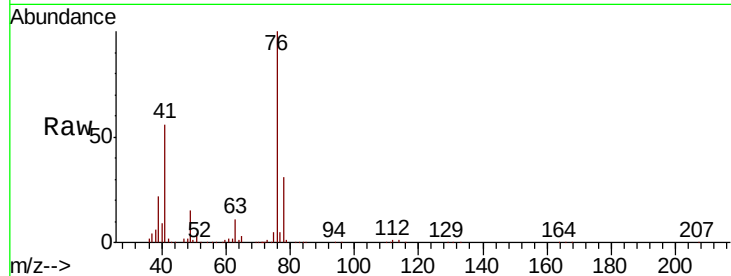
ICVVD032620

Tot Ion: 76 Resp: 312594

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 272.230 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065532.D

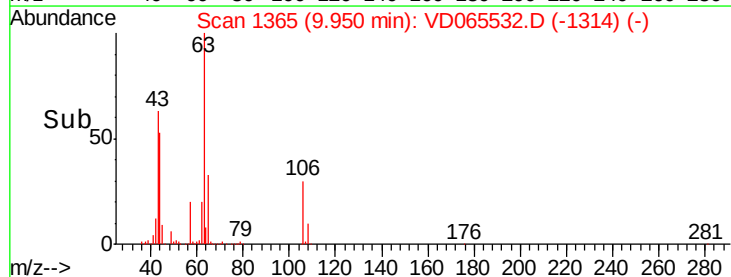
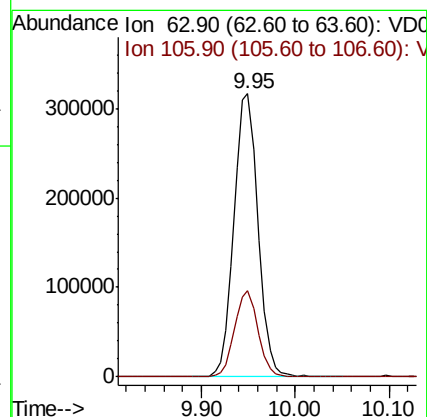
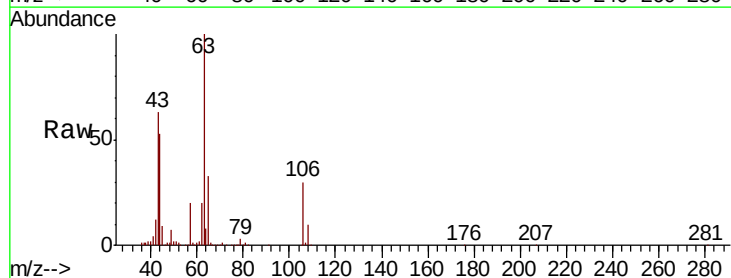
Acq: 26 Mar 2020 19:21

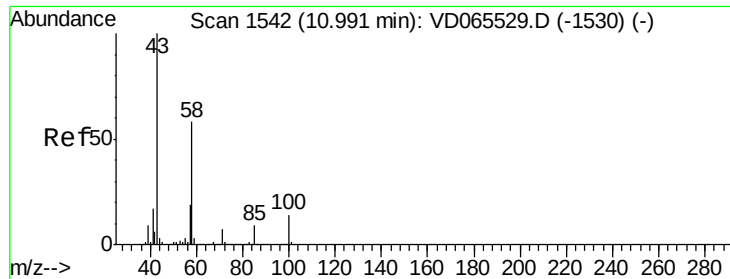
Tgt Ion: 63 Resp: 562266

Ion Ratio Lower Upper

63 100

106 29.7 24.3 36.5

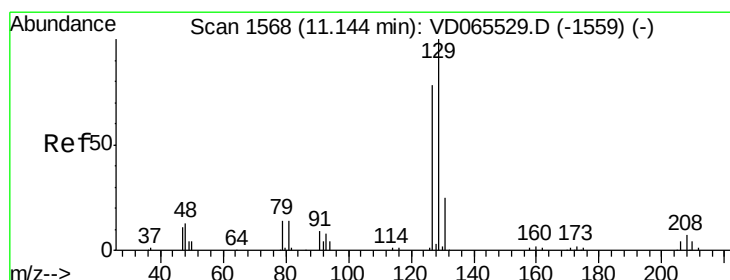
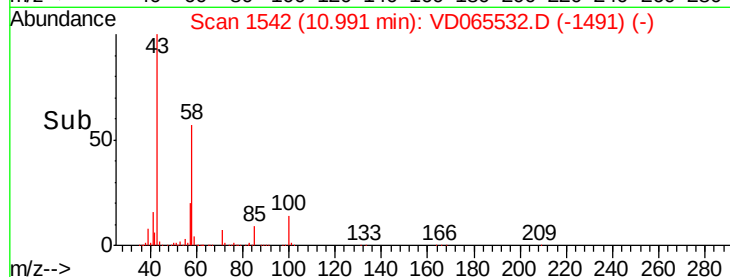
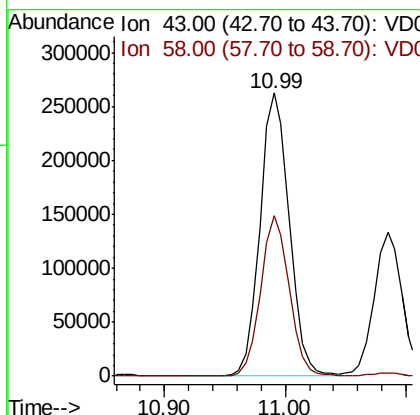
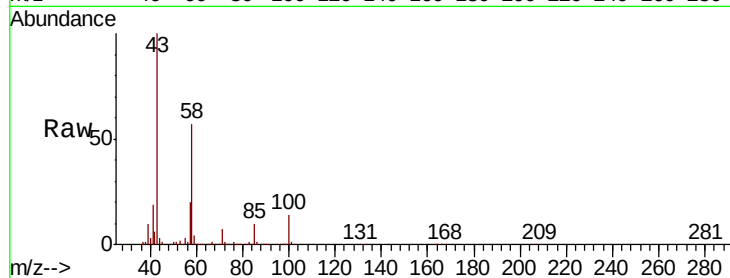




#59
2-Hexanone
Concen: 262.282 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

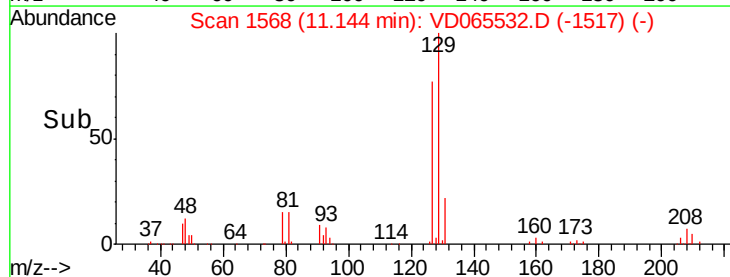
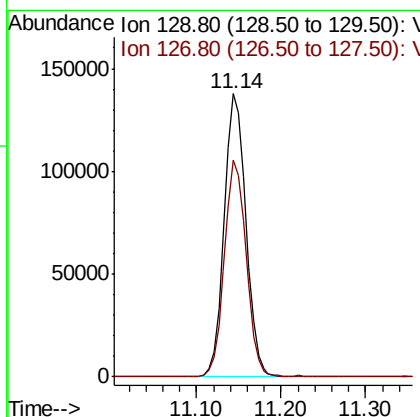
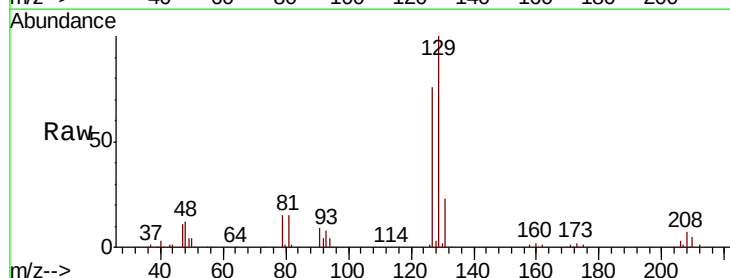
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

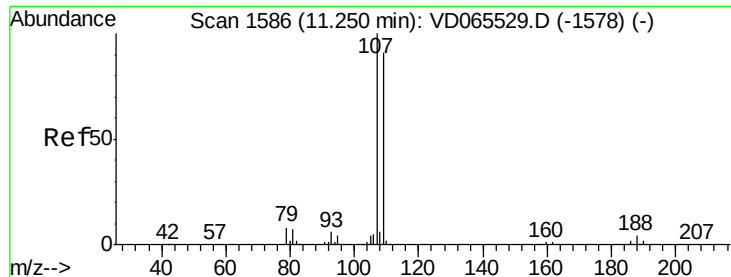
Tot Ion: 43 Resp: 440039
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7



#60
Dibromochloromethane
Concen: 50.782 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 129 Resp: 244942
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

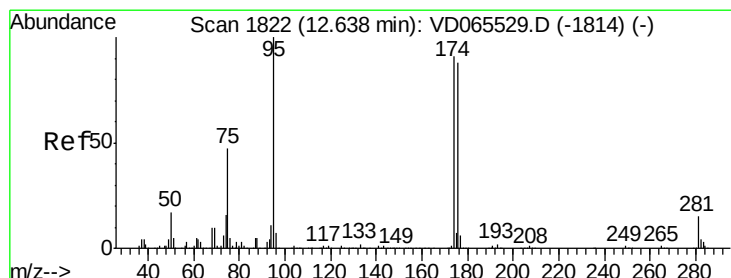
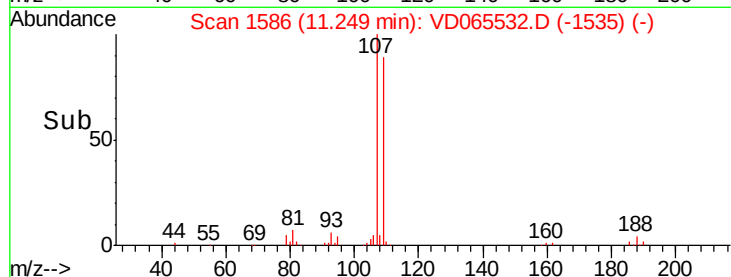
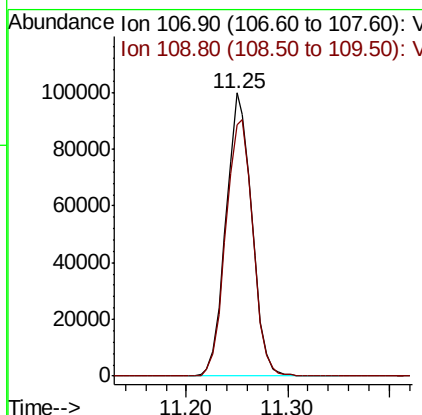
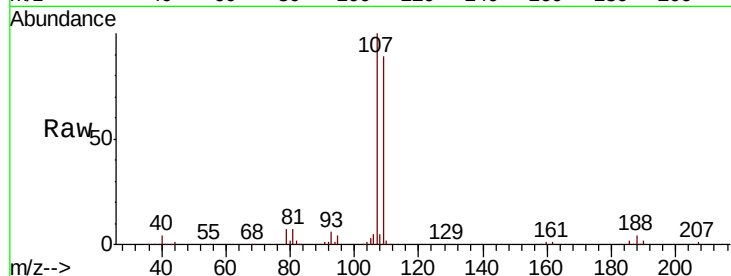




#61
 1,2-Dibromoethane
 Concen: 50.216 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

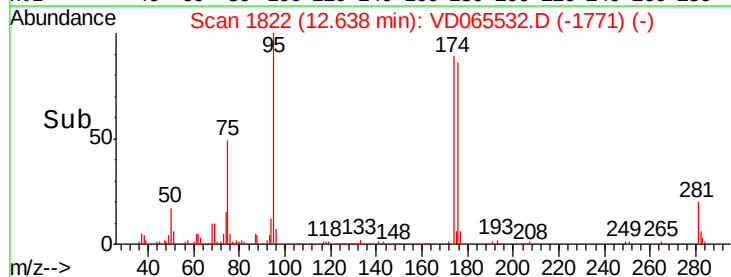
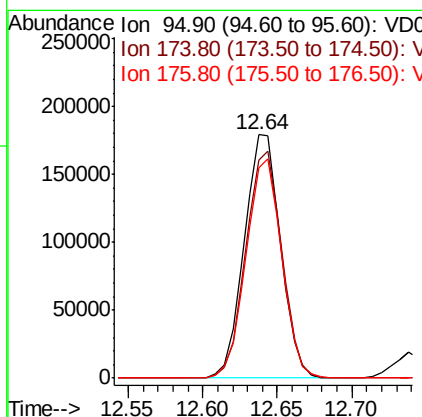
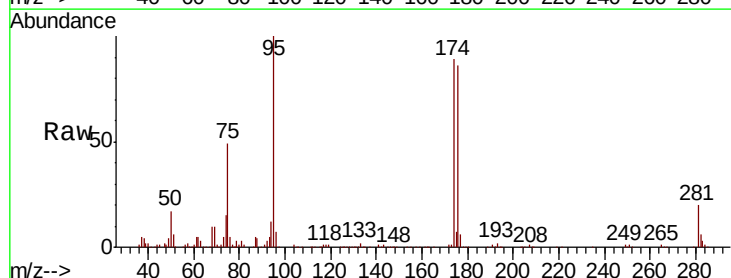
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

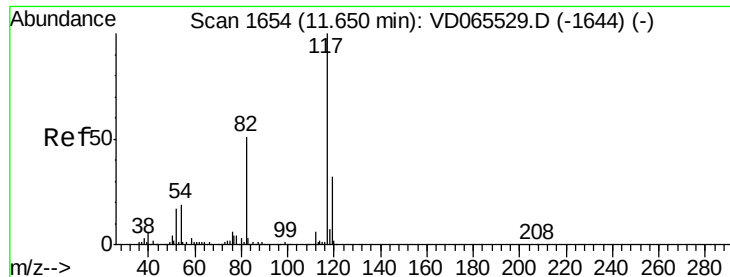
Tot Ion:107 Resp: 176893
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 53.219 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion: 95 Resp: 300517
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 183.8
 176 88.6 0.0 178.2

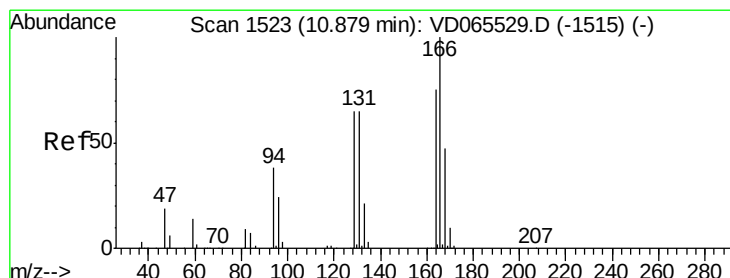
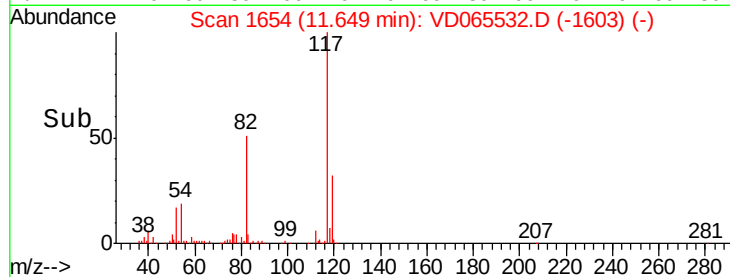
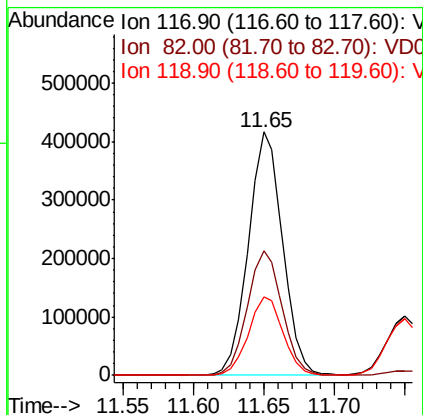
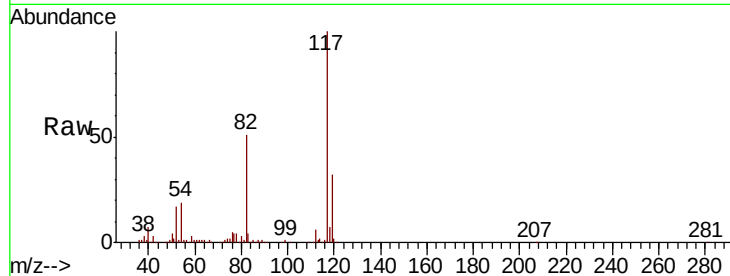




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

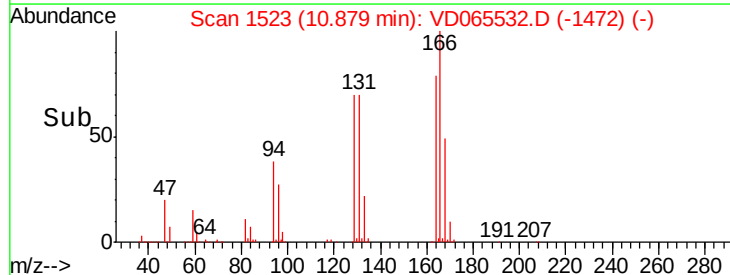
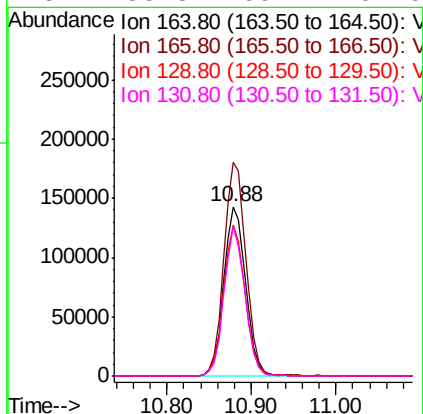
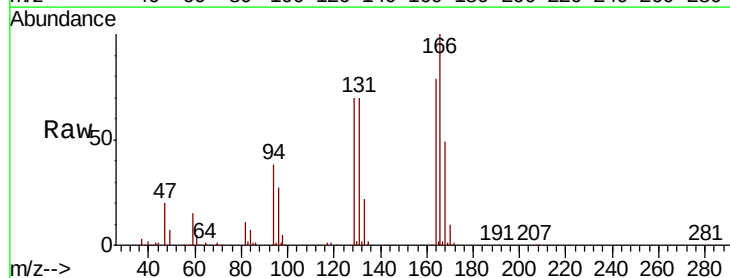
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

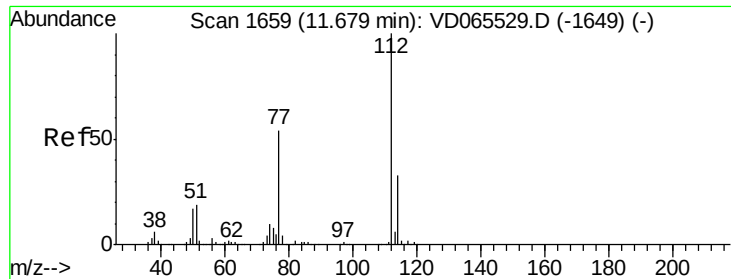
Tot Ion:117 Resp: 709478
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 49.886 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:164 Resp: 253530
Ion Ratio Lower Upper
164 100
166 126.0 107.1 160.7
129 88.8 69.2 103.8
131 88.3 69.4 104.0

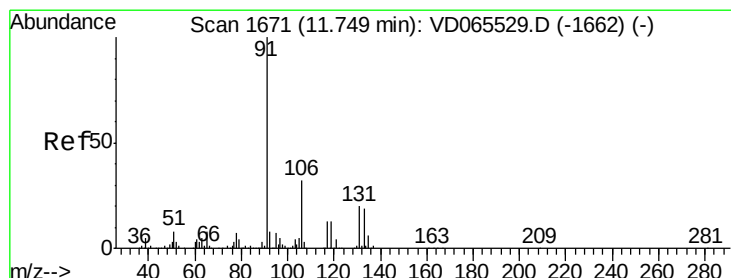
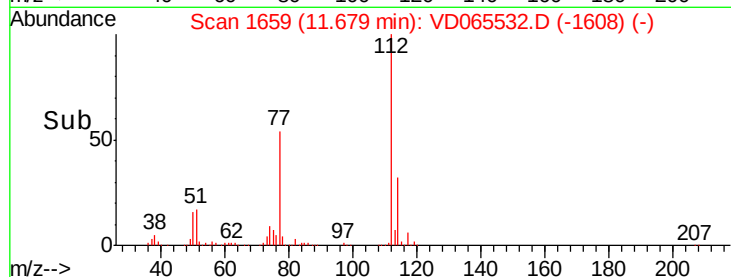
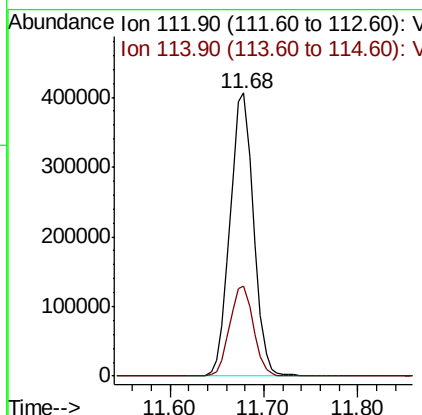
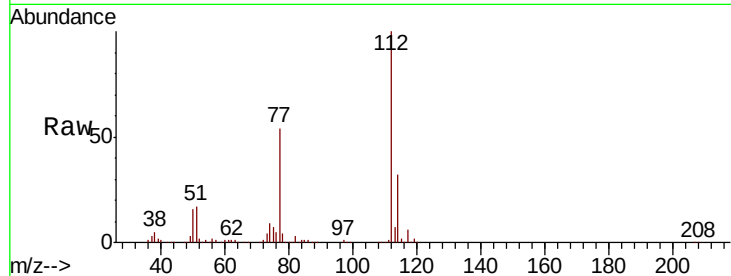




#65
Chlorobenzene
Concen: 51.032 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

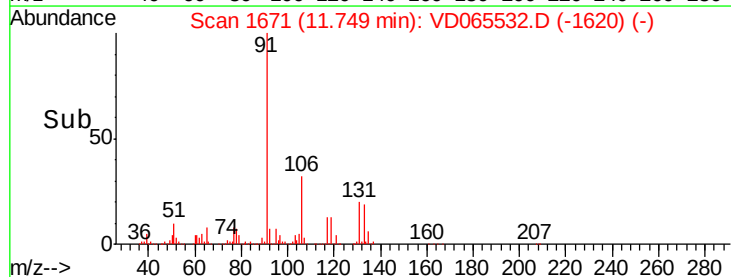
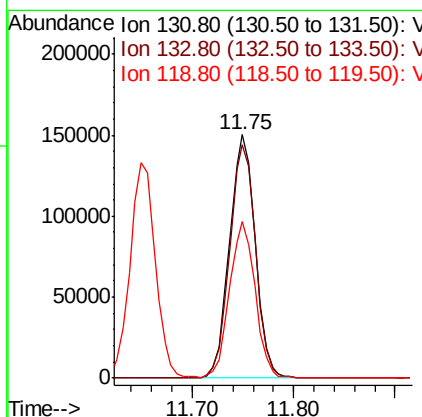
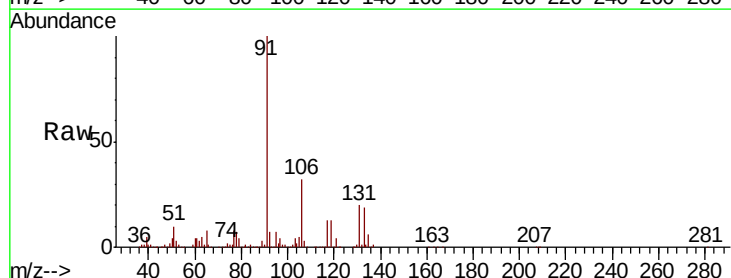
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

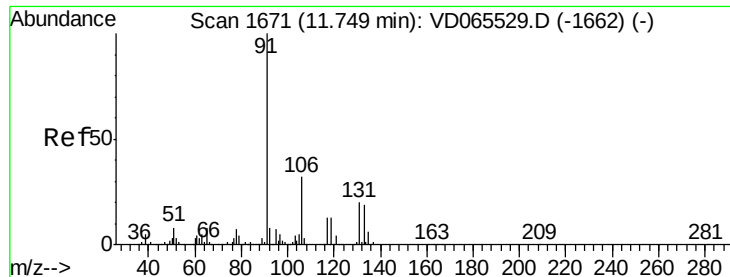
Tot Ion:112 Resp: 707823
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.033 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:131 Resp: 263968
Ion Ratio Lower Upper
131 100
133 96.7 48.9 146.7
119 64.1 32.5 97.4





#67

Ethyl Benzene

Concen: 53.177 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

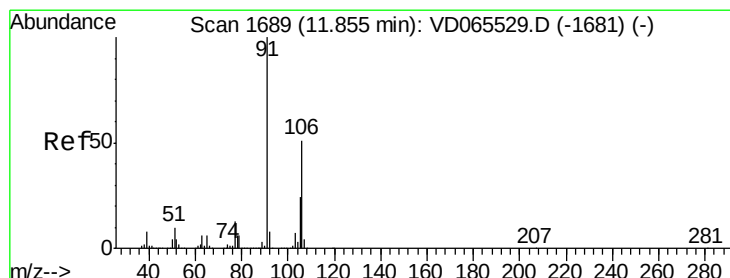
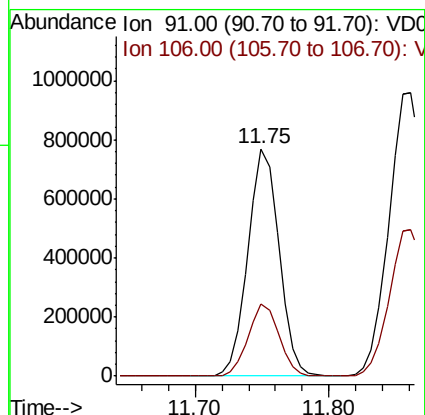
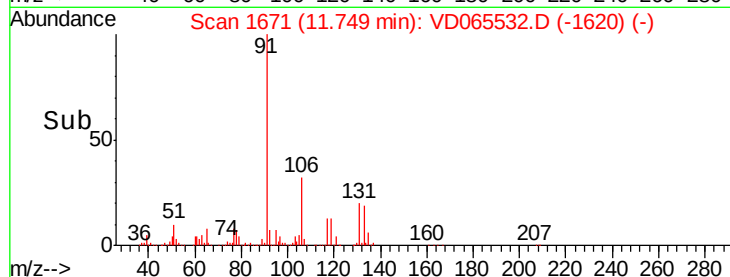
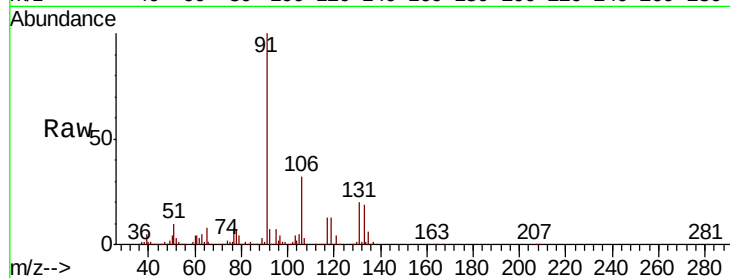
ICVVD032620

Tot Ion: 91 Resp: 1242325

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



#68

m/p-Xylenes

Concen: 105.175 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065532.D

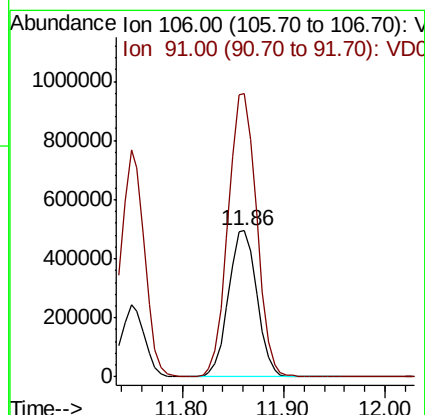
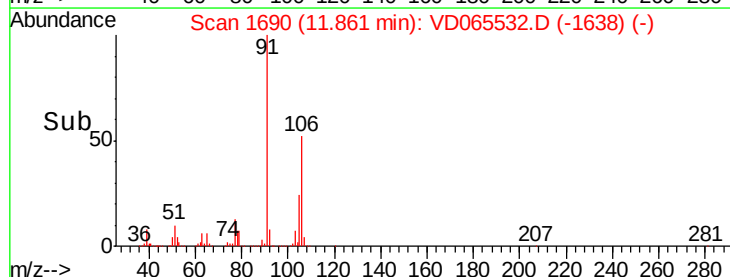
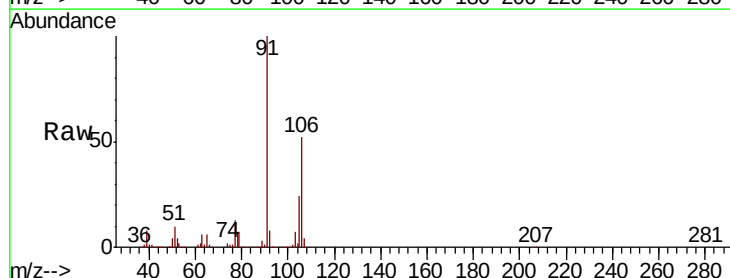
Acq: 26 Mar 2020 19:21

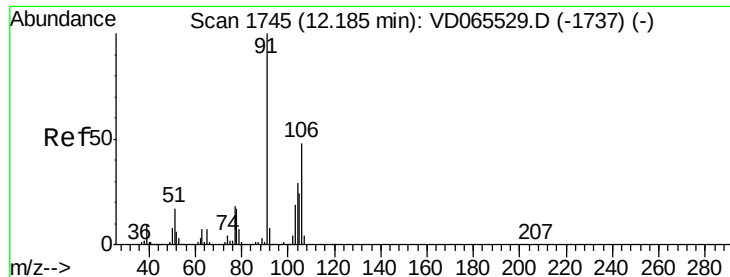
Tgt Ion: 106 Resp: 964759

Ion Ratio Lower Upper

106 100

91 194.1 155.4 233.0

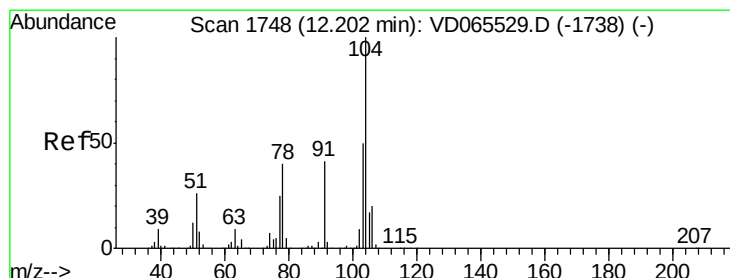
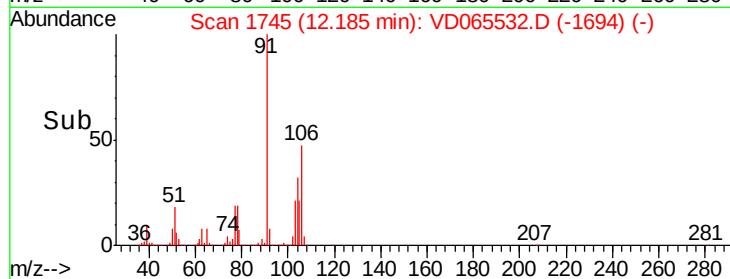
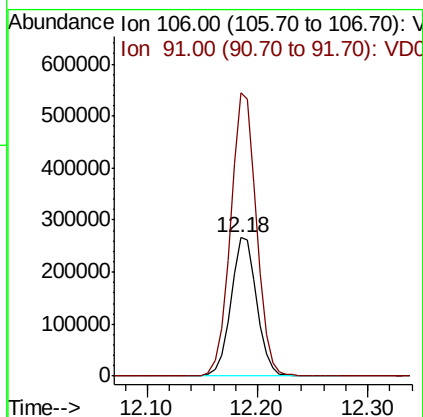
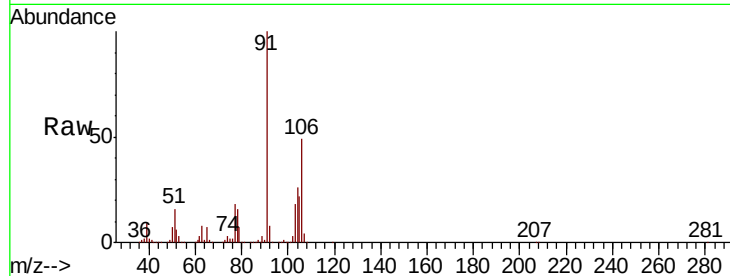




#69
o-Xylene
Concen: 54.358 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

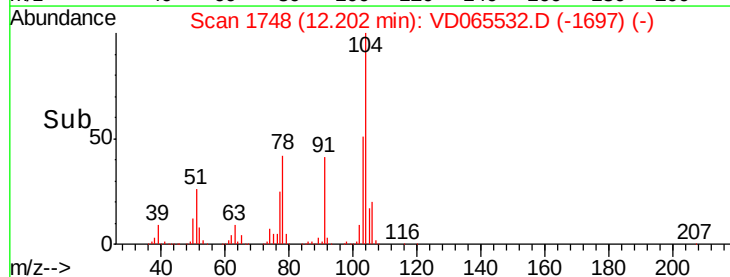
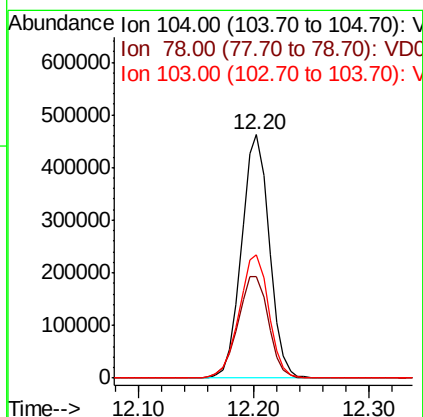
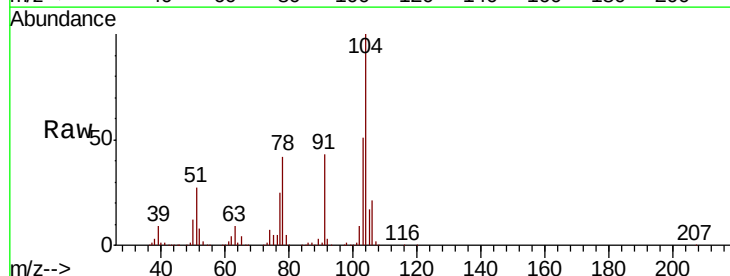
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

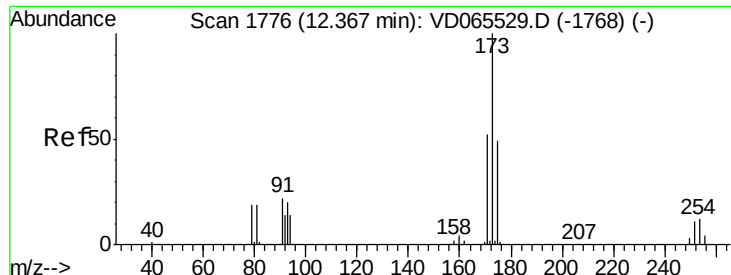
Tot Ion:106 Resp: 436678
Ion Ratio Lower Upper
106 100
91 204.5 102.8 308.4



#70
Styrene
Concen: 54.370 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:104 Resp: 771456
Ion Ratio Lower Upper
104 100
78 46.4 36.6 55.0
103 54.2 43.8 65.6

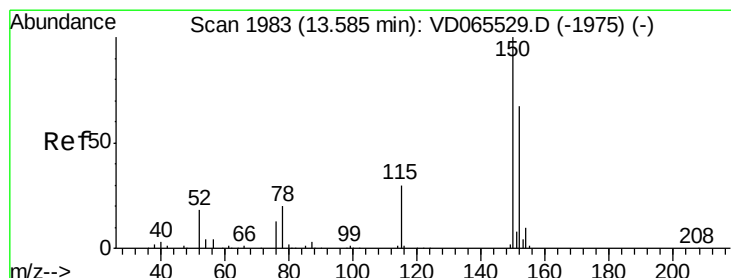
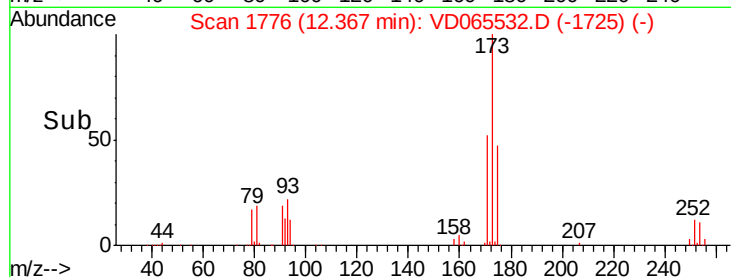
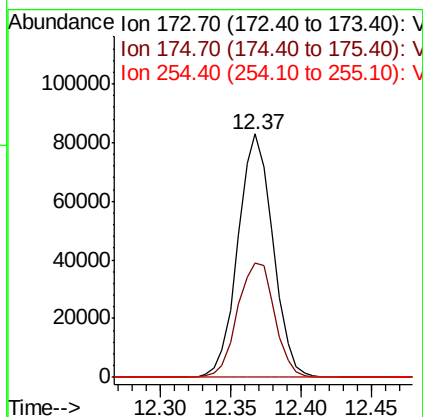
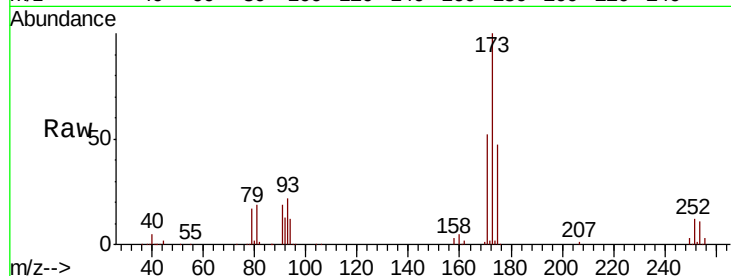




#71
Bromoform
Concen: 50.368 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

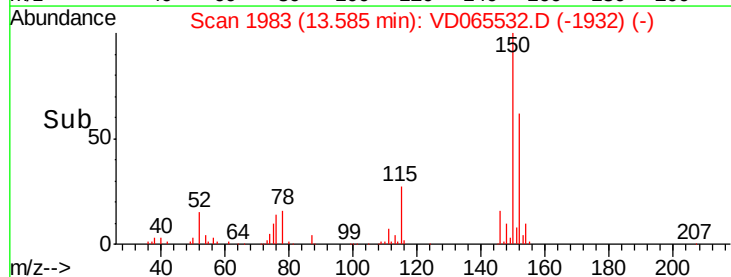
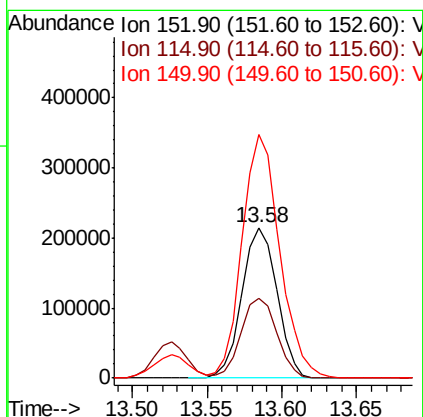
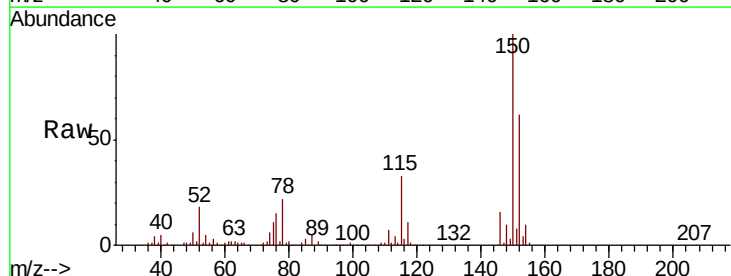
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

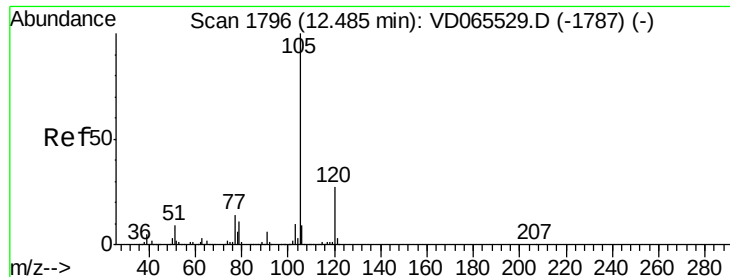
Tot Ion:173 Resp: 143699
Ion Ratio Lower Upper
173 100
175 50.0 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion:152 Resp: 350688
Ion Ratio Lower Upper
152 100
115 54.1 27.2 81.6
150 173.6 0.0 340.2





#73

Isopropylbenzene

Concen: 54.587 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

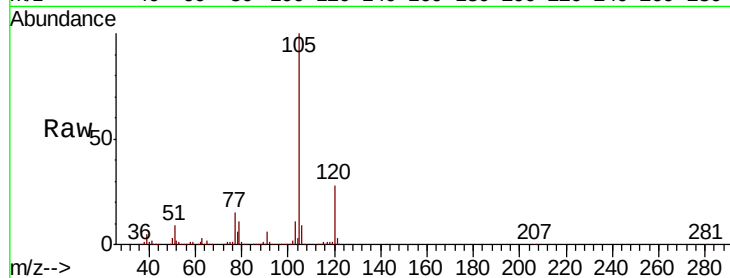
ICVVD032620

Tot Ion:105 Resp: 1175429

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

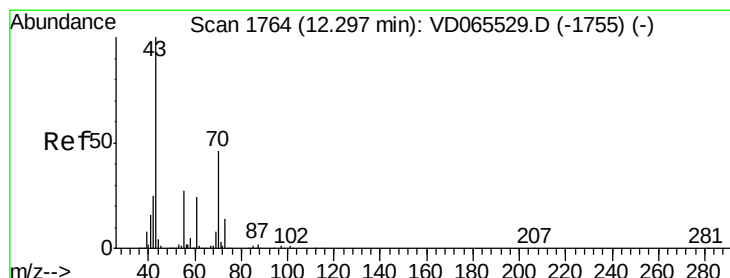
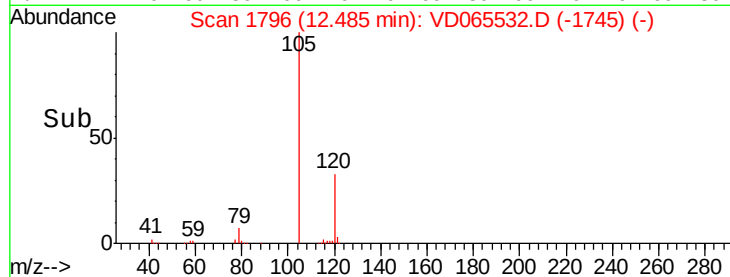
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.764 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion: 43 Resp: 232728

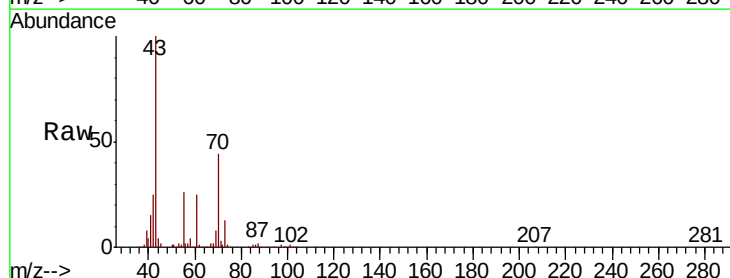
Ion Ratio Lower Upper

43 100

70 44.6 36.2 54.2

55 27.1 22.2 33.4

61 24.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

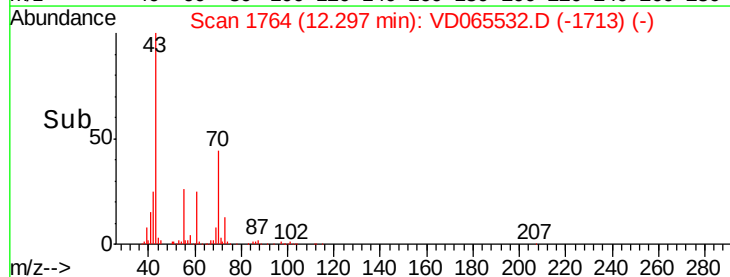
150000

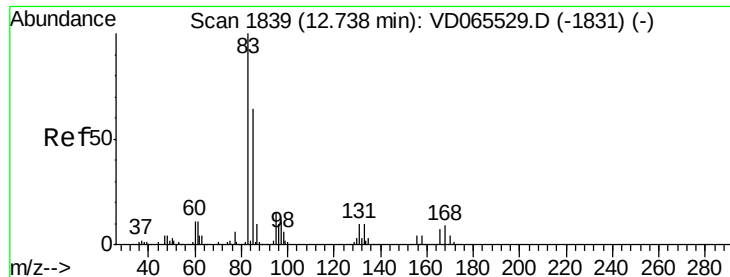
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

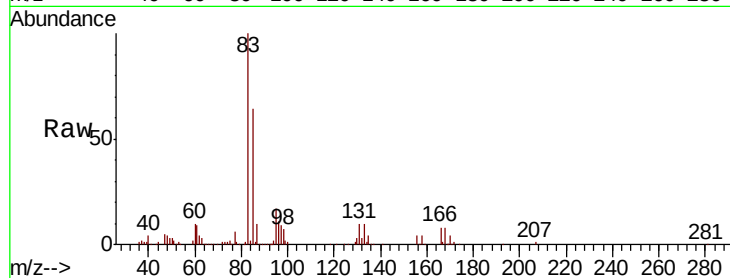
Tot Ion: 83 Resp: 188189

Ion Ratio Lower Upper

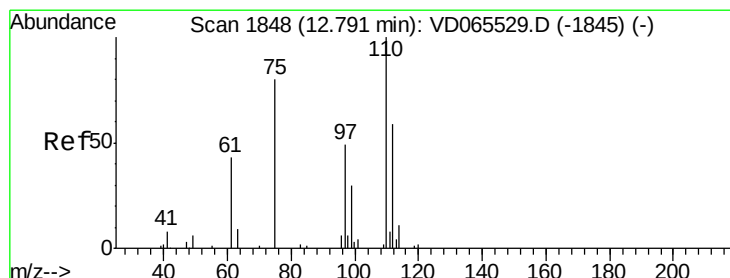
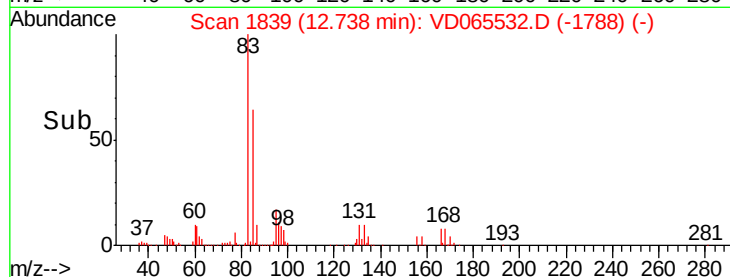
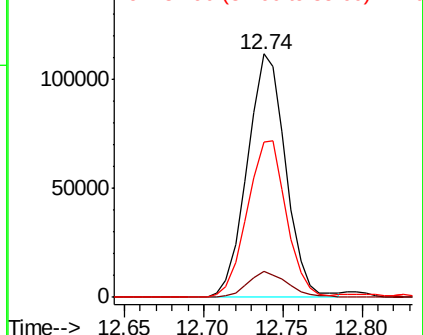
83 100

131 11.2 5.6 16.8

85 65.8 32.6 98.0



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



#76

1,2,3-Trichloropropane

Concen: 91.972 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065532.D

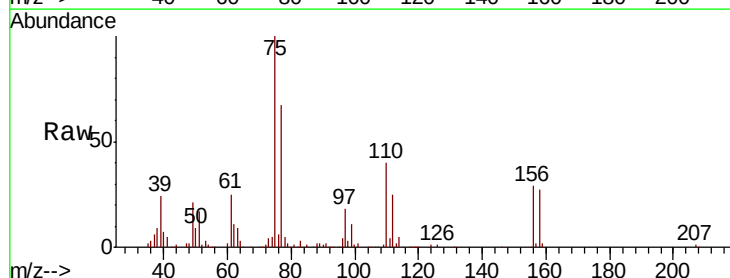
Acq: 26 Mar 2020 19:21

Tgt Ion: 75 Resp: 247966

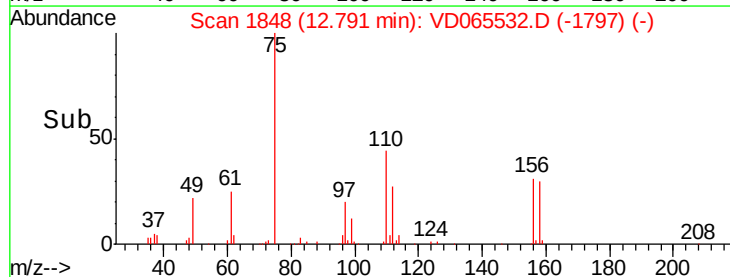
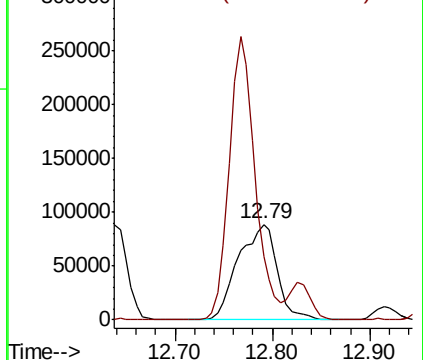
Ion Ratio Lower Upper

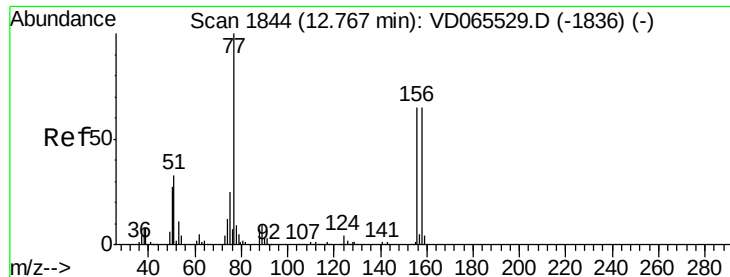
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 52.812 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

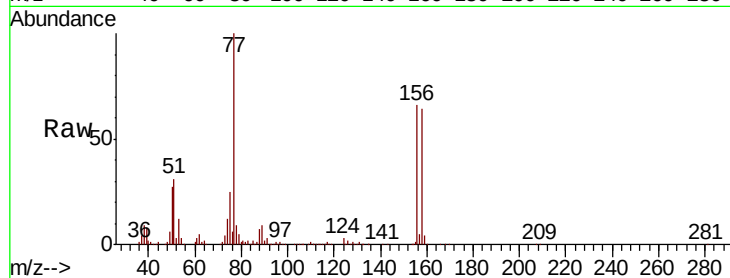
Tot Ion:156 Resp: 297179

Ion Ratio Lower Upper

156 100

77 163.2 81.8 245.3

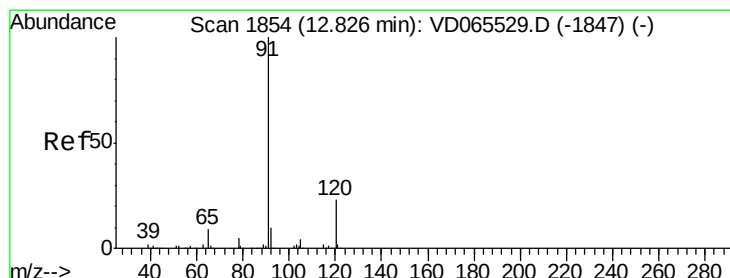
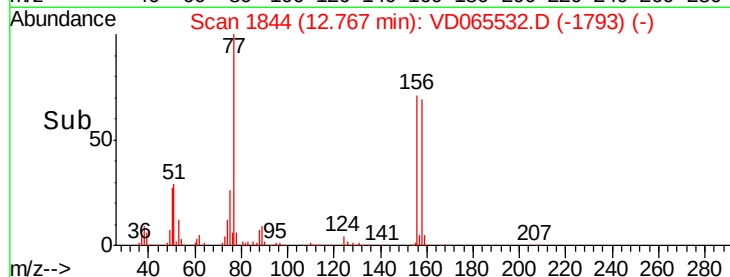
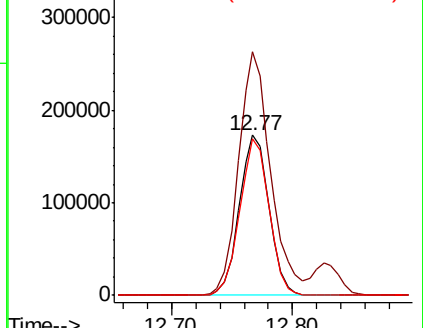
158 96.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.888 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065532.D

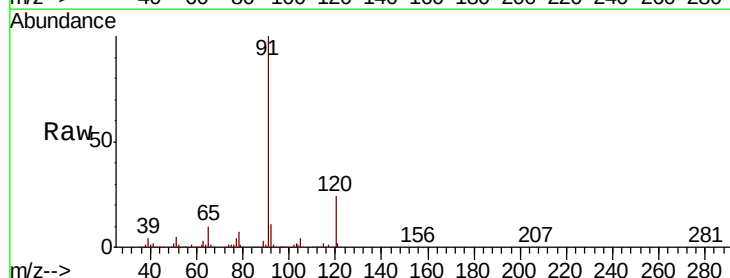
Acq: 26 Mar 2020 19:21

Tgt Ion: 91 Resp: 1383170

Ion Ratio Lower Upper

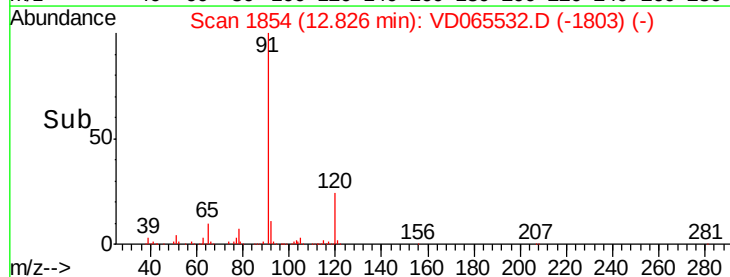
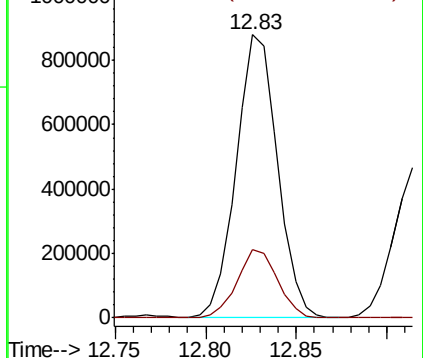
91 100

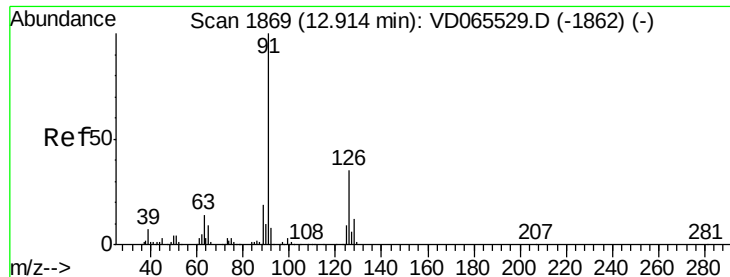
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.642 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

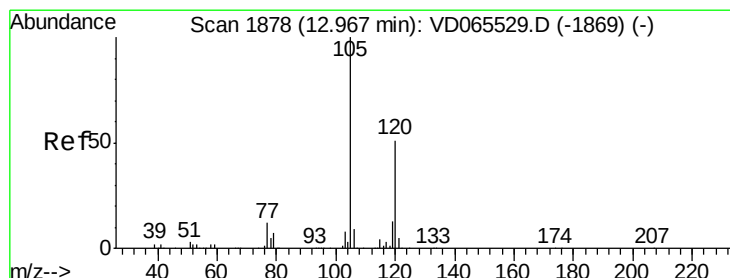
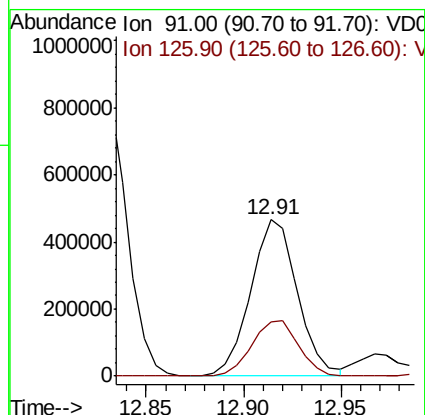
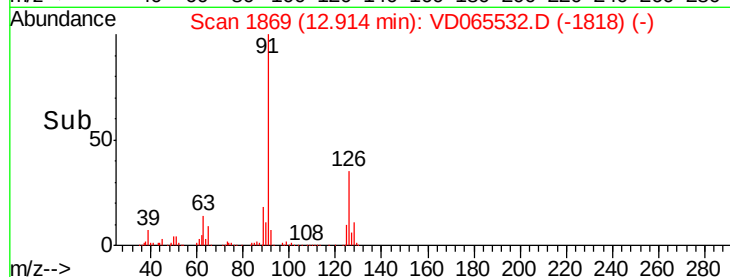
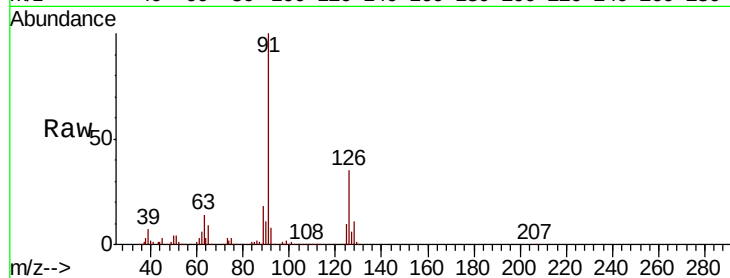
ICVVD032620

Tot Ion: 91 Resp: 770844

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.656 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065532.D

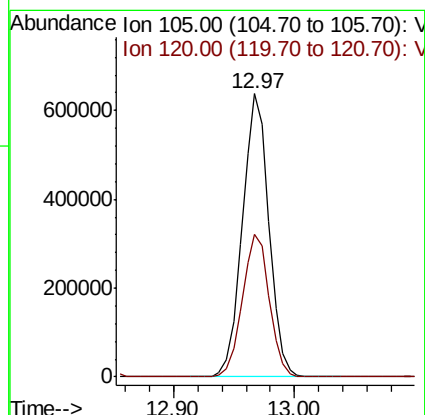
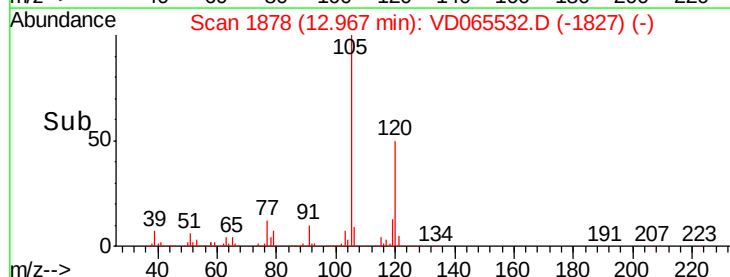
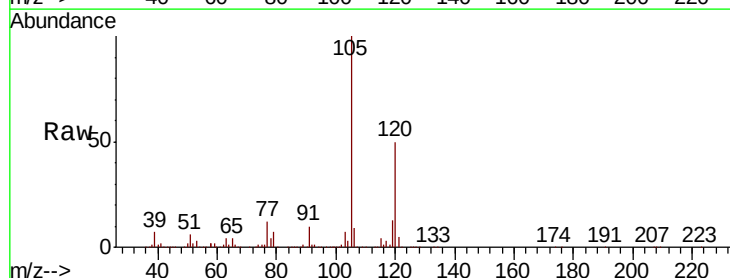
Acq: 26 Mar 2020 19:21

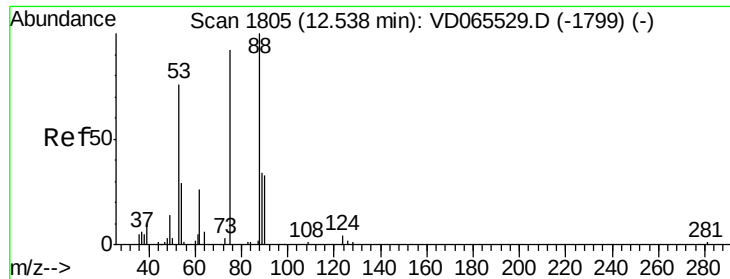
Tgt Ion:105 Resp: 975500

Ion Ratio Lower Upper

105 100

120 51.2 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.728 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

ICVVD032620

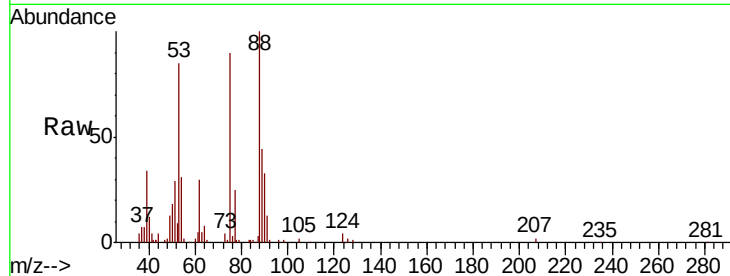
Tot Ion: 75 Resp: 63687

Ion Ratio Lower Upper

75 100

53 89.9 72.4 108.6

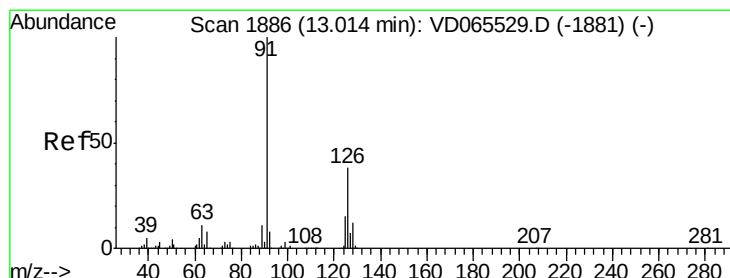
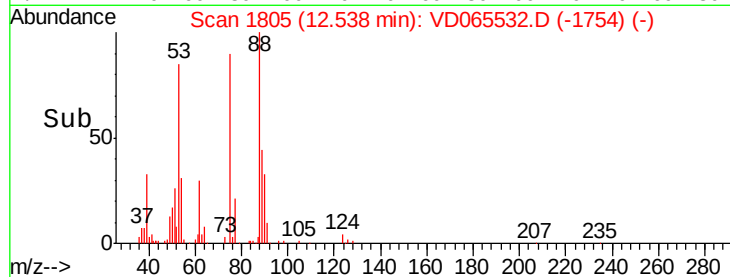
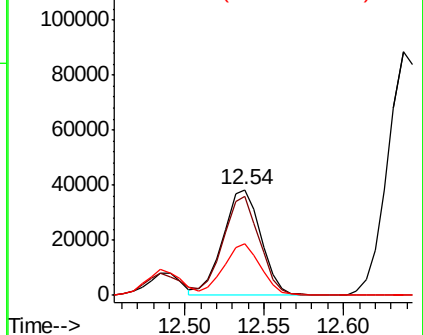
89 47.3 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 52.510 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065532.D

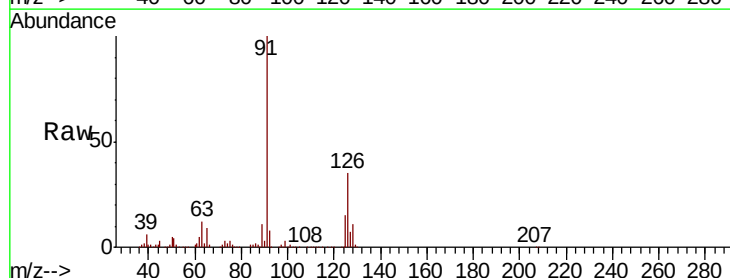
Acq: 26 Mar 2020 19:21

Tgt Ion: 91 Resp: 817140

Ion Ratio Lower Upper

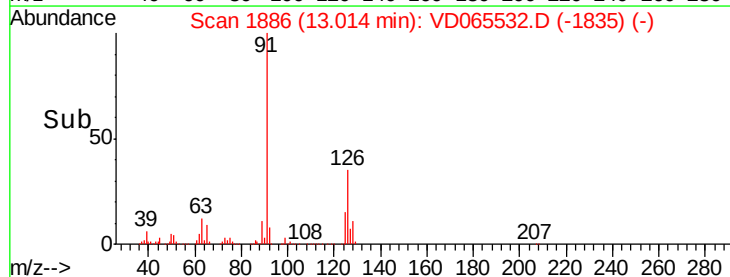
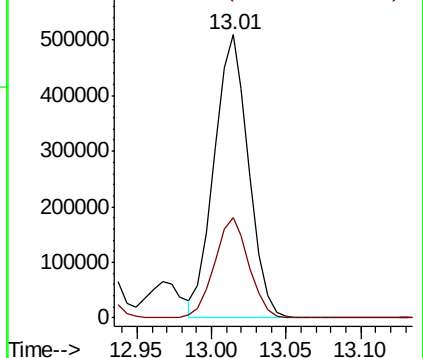
91 100

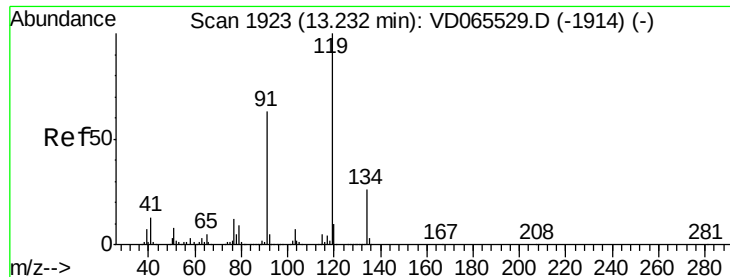
126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

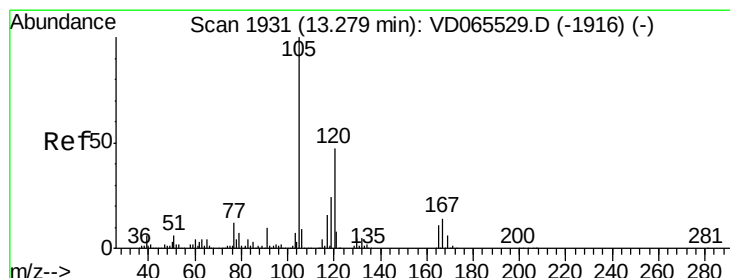
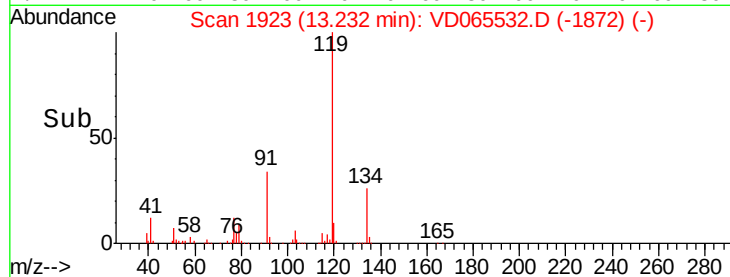
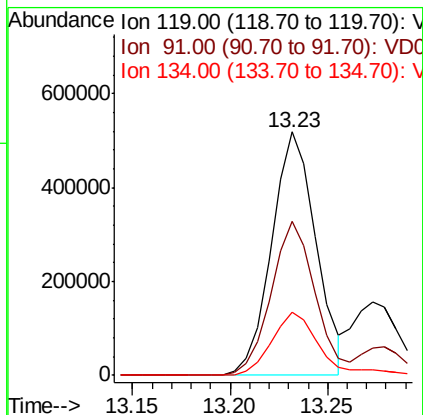
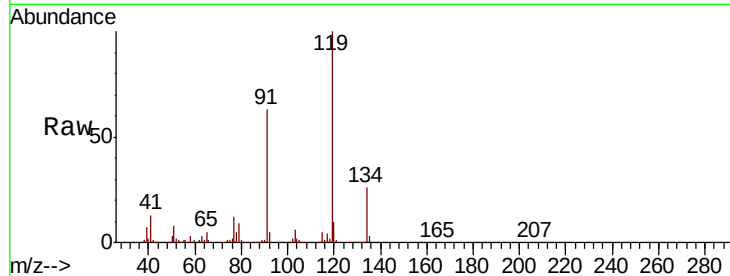




#83
 tert-Butylbenzene
 Concen: 54.497 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

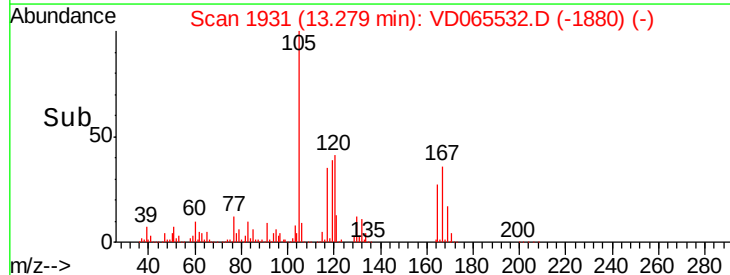
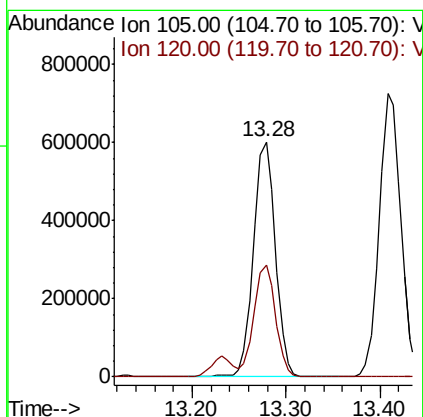
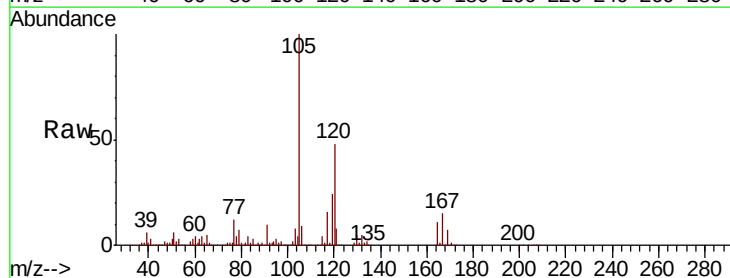
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

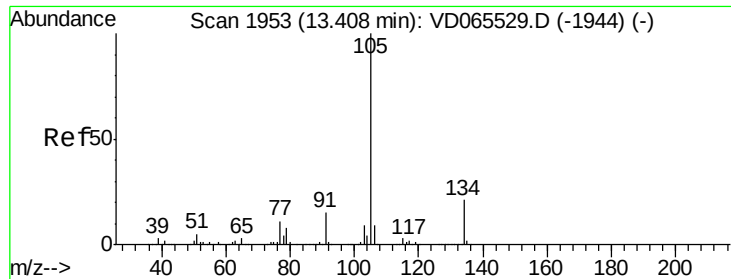
Tot Ion:119 Resp: 814630
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.4 94.0
 134 28.1 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.652 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion:105 Resp: 975172
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5





#85

sec-Butylbenzene

Concen: 53.852 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

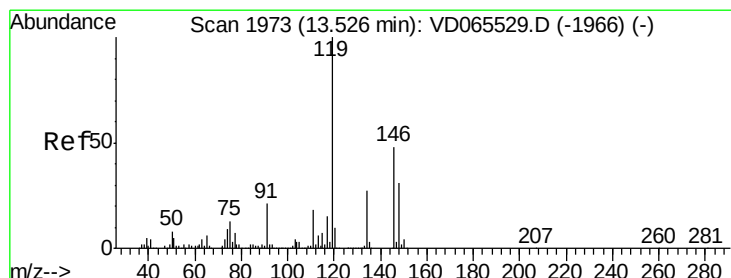
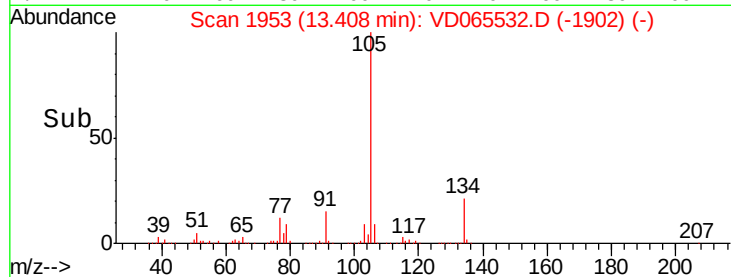
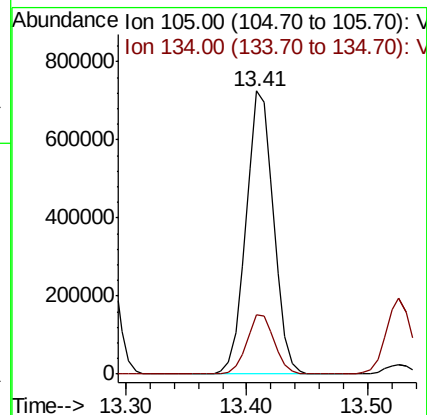
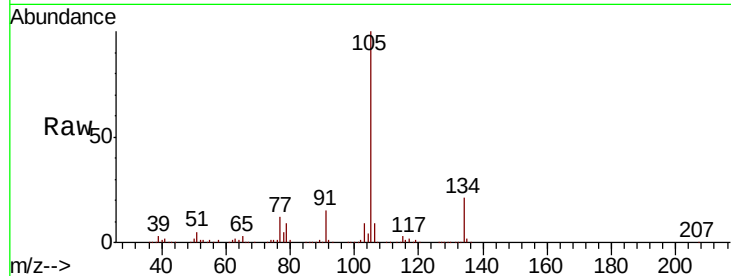
ICVVD032620

Tot Ion:105 Resp: 1151969

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



#86

p-Isopropyltoluene

Concen: 54.204 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

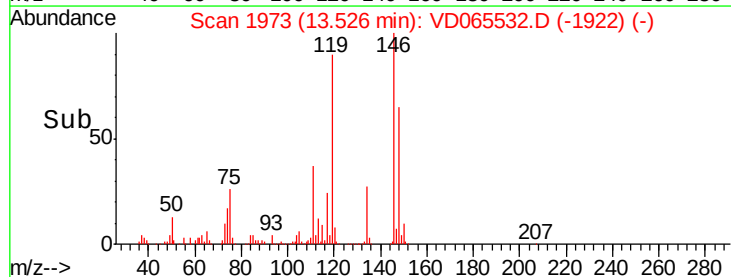
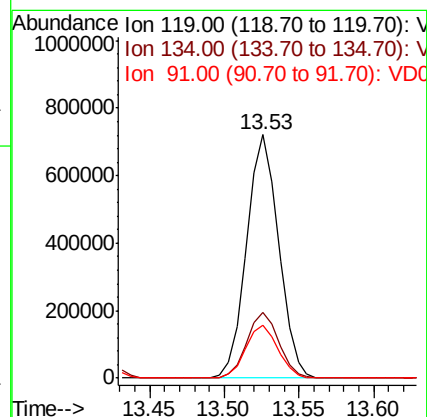
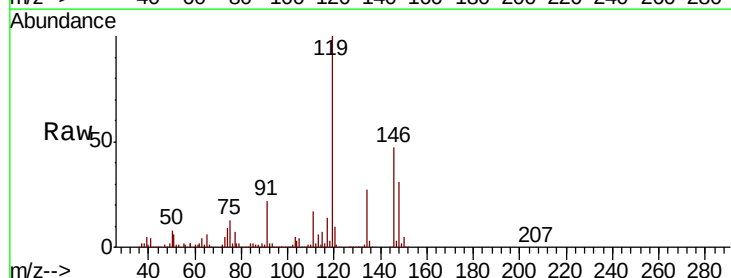
Tgt Ion:119 Resp: 1068512

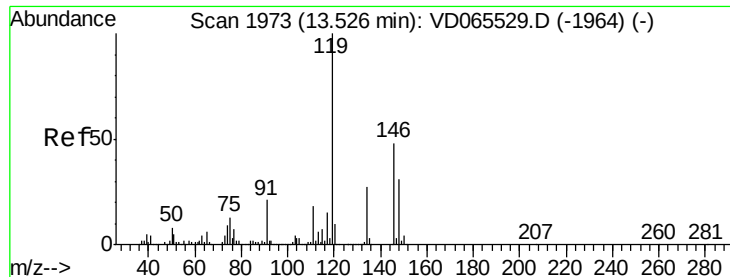
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.9 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 51.426 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

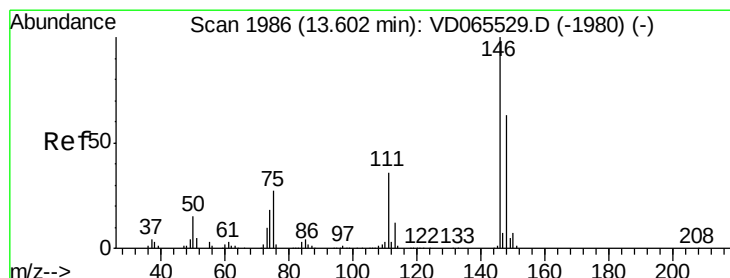
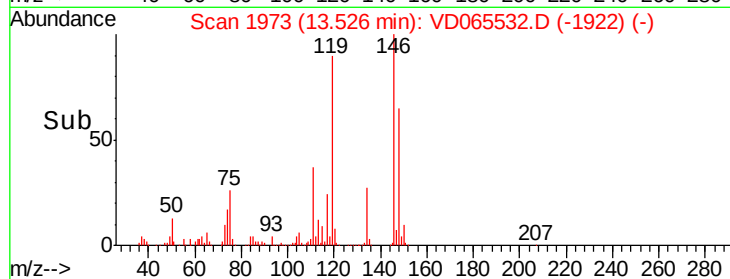
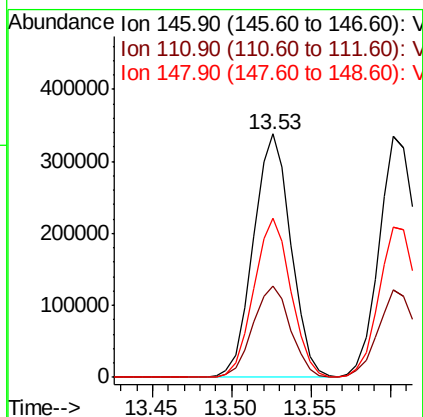
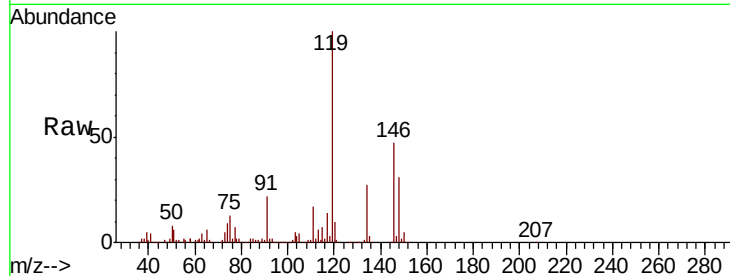
Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion:146 Resp: 557069

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.5	55.5
148	64.7	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 50.679 ug/l

RT: 13.60 min Scan# 1986

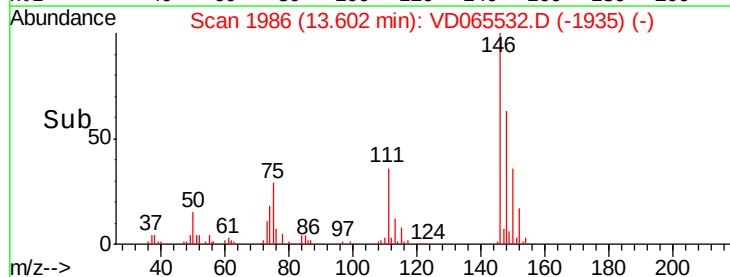
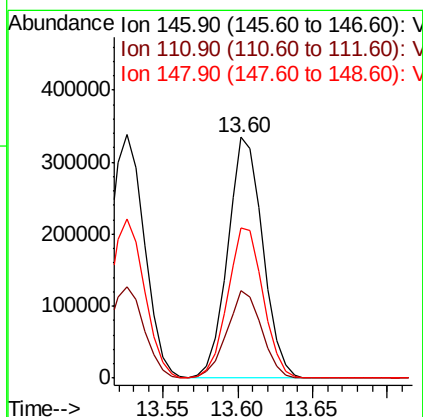
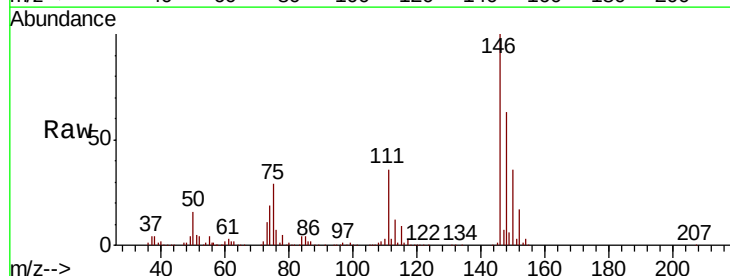
Delta R.T. -0.00 min

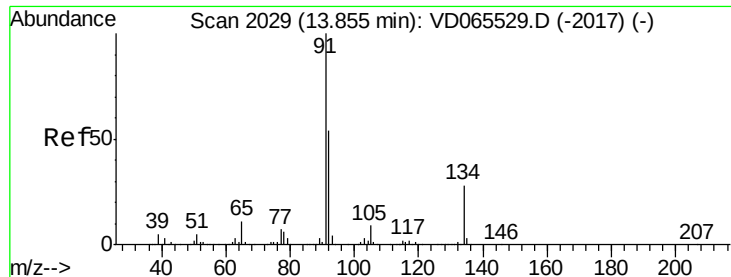
Lab File: VD065532.D

Acq: 26 Mar 2020 19:21

Tgt Ion:146 Resp: 548538

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.0	54.0
148	63.4	31.6	94.8

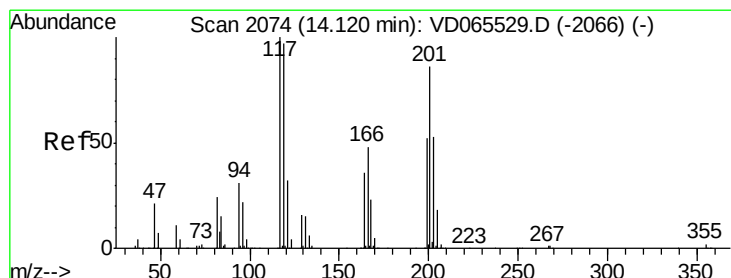
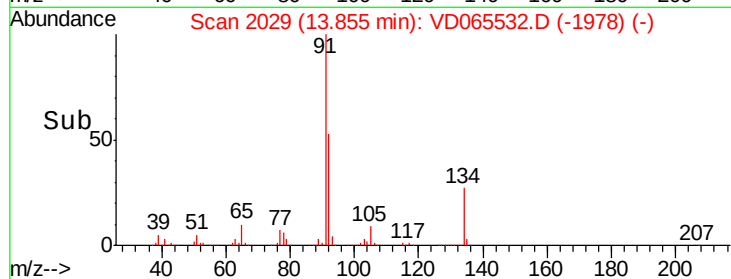
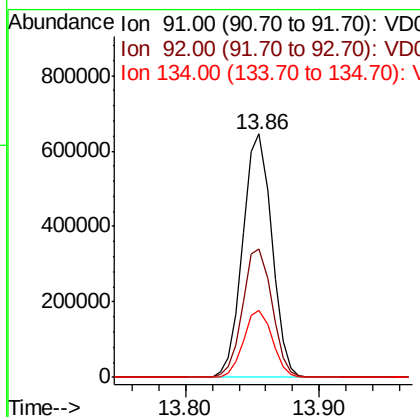
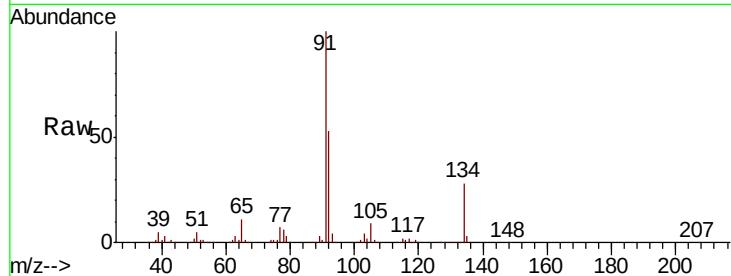




#89
n-Butylbenzene
Concen: 54.202 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

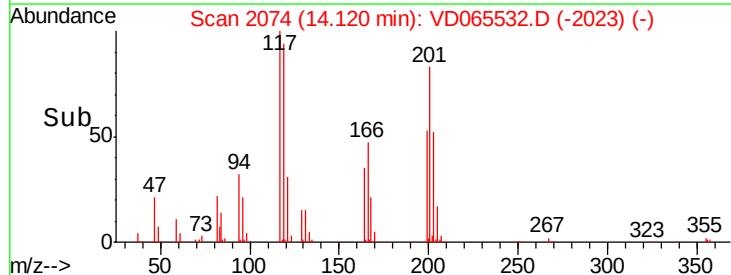
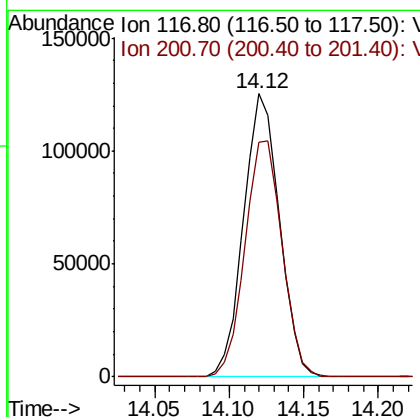
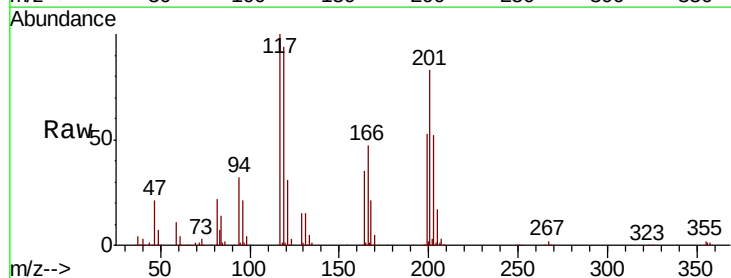
Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

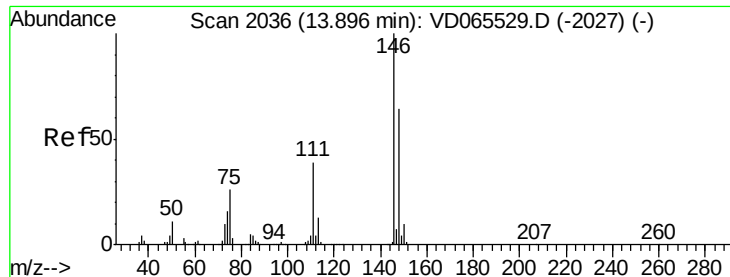
Tot Ion: 91 Resp: 970298
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 50.392 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion: 117 Resp: 208312
Ion Ratio Lower Upper
117 100
201 86.0 43.9 131.6

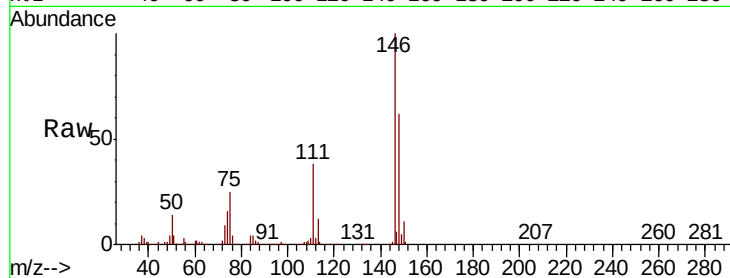




#91
 1,2-Dichlorobenzene
 Concen: 51.552 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.4
148	63.3	32.1	96.5

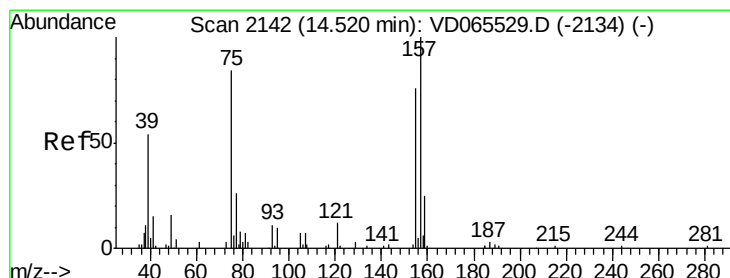
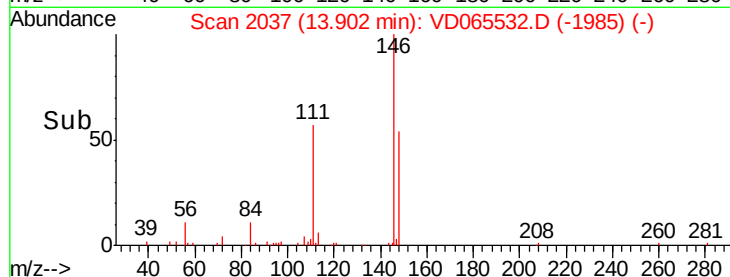
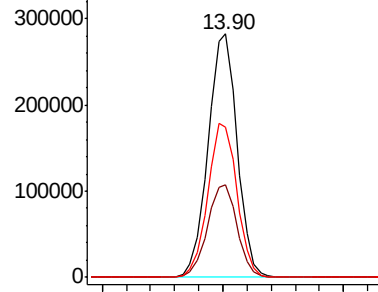


Abundance

Ion 145.90 (145.60 to 146.60): V

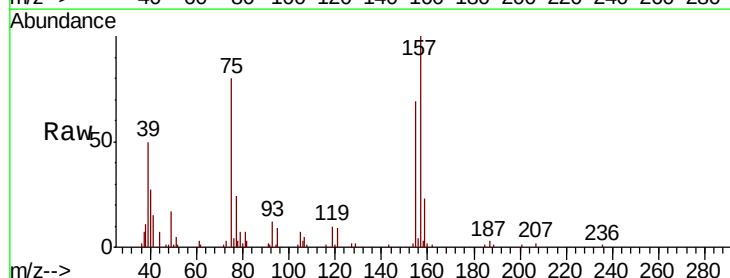
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.310 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.2	138.6
157	122.2	57.9	173.7

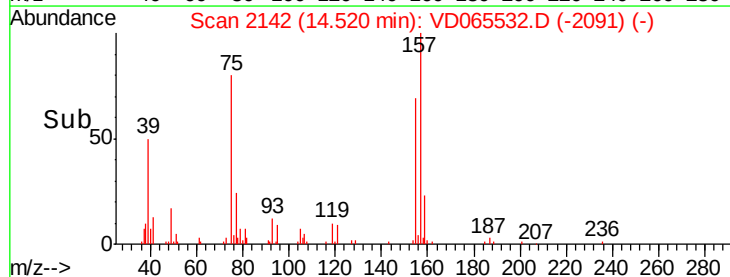
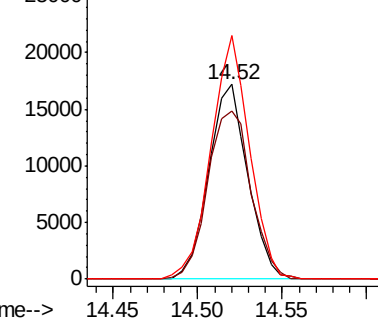


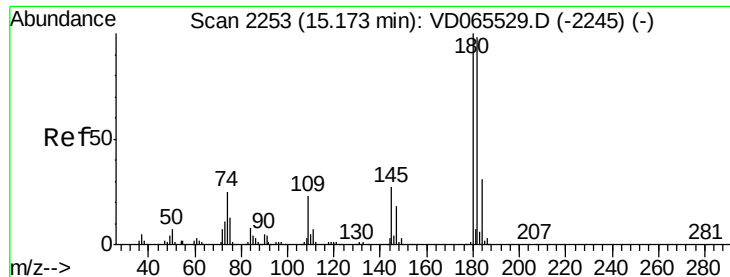
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

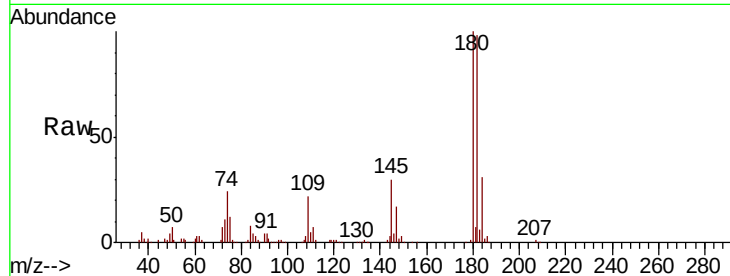




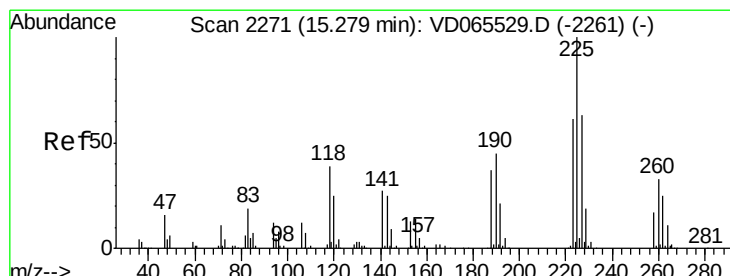
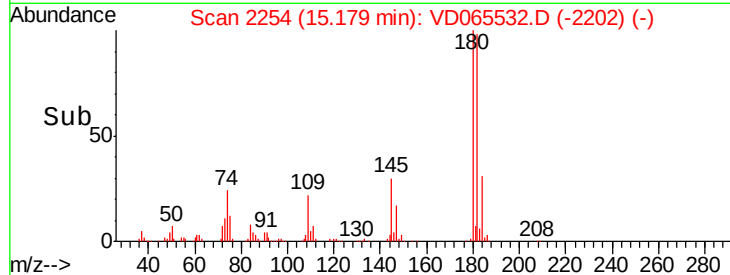
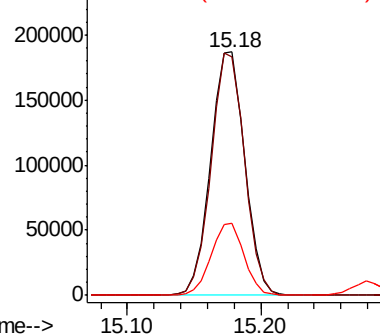
#93
 1,2,4-Trichlorobenzene
 Concen: 51.863 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD032620

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.1	144.3
145	28.5	13.9	41.6

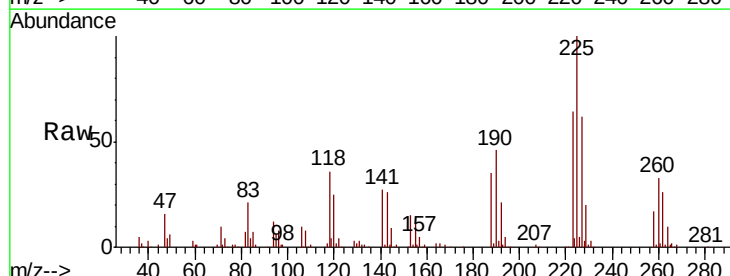


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

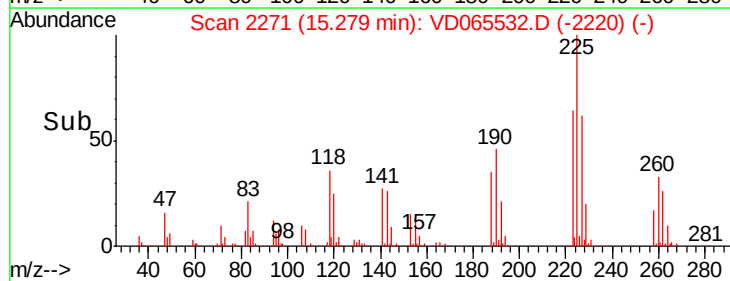
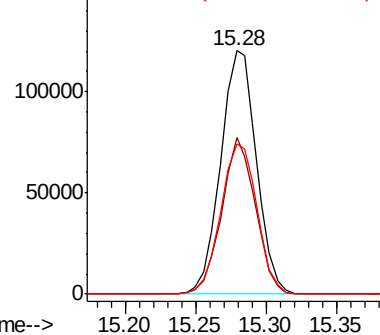


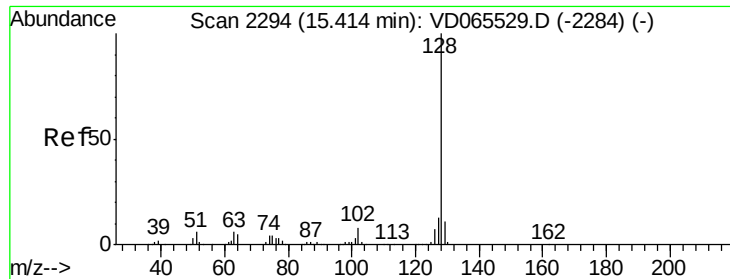
#94
 Hexachlorobutadiene
 Concen: 51.665 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065532.D
 Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.2	93.6
227	62.5	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

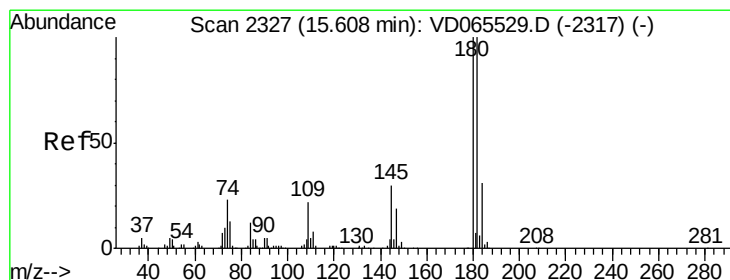
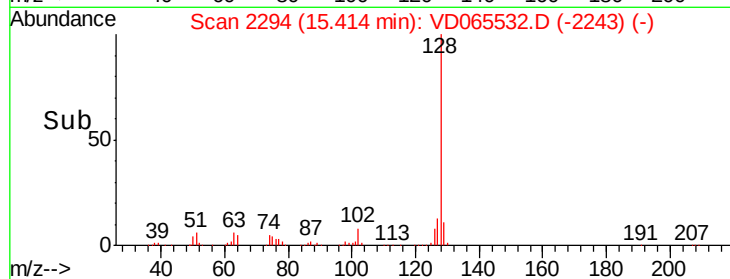
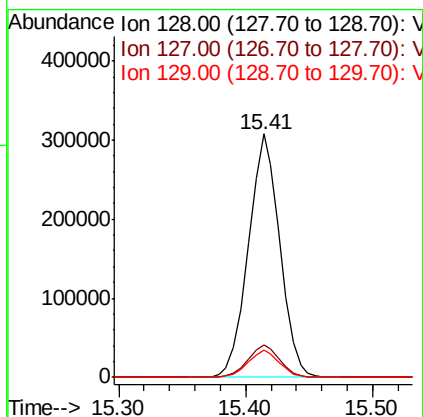
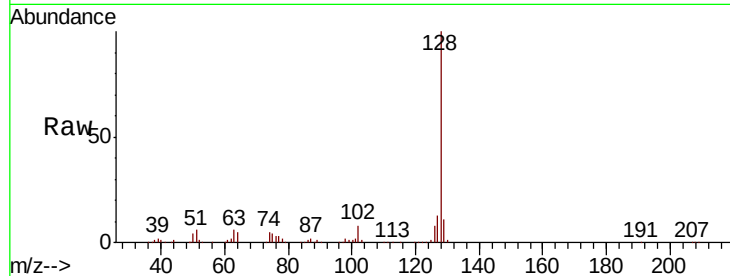




#95
Naphthalene
Concen: 48.969 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032620

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.769 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065532.D
Acq: 26 Mar 2020 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.1	144.3
145	29.7	15.0	45.0

