

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066665.D
 Acq On : 12 Sep 2020 00:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 02:34:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	569942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	530870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	211908	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.91	113	200495	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.34	98	746153	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.63	95	242576	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	129954	48.002	ug/l	85
3) Chloromethane	2.21	50	188444	45.600	ug/l	98
4) Vinyl Chloride	2.35	62	200895	43.830	ug/l	99
5) Bromomethane	2.77	94	146053	50.444	ug/l	87
6) Chloroethane	2.93	64	129969	44.644	ug/l	95
7) Trichlorofluoromethane	3.27	101	318974	47.109	ug/l	93
8) Diethyl Ether	3.71	74	90316	52.970	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	175203	47.810	ug/l	99
10) Methyl Iodide	4.30	142	188948	56.002	ug/l	98
11) Tert butyl alcohol	5.21	59	59144	236.759	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	165677	50.323	ug/l	97
13) Acrolein	3.92	56	43839	271.182	ug/l	98
14) Allyl chloride	4.71	41	287284	53.244	ug/l	98
15) Acrylonitrile	5.42	53	202649	276.675	ug/l	99
16) Acetone	4.16	43	163246	224.405	ug/l	89
17) Carbon Disulfide	4.41	76	518670	47.922	ug/l	98
18) Methyl Acetate	4.72	43	96570	55.688	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	427380	55.356	ug/l	95
20) Methylene Chloride	4.97	84	220670	56.525	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	209115	53.488	ug/l	99
22) Diisopropyl ether	6.36	45	638809	57.572	ug/l	97
23) Vinyl Acetate	6.30	43	1797551	284.682	ug/l	97
24) 1,1-Dichloroethane	6.27	63	384109	55.049	ug/l	100
25) 2-Butanone	7.21	43	254517	260.632	ug/l	95
26) 2,2-Dichloropropane	7.21	77	305019	47.656	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	234201	55.706	ug/l	98
28) Bromochloromethane	7.55	49	157318	58.562	ug/l	98
29) Tetrahydrofuran	7.56	42	167847	275.982	ug/l	99
30) Chloroform	7.71	83	405848	54.979	ug/l	100
31) Cyclohexane	7.98	56	303779	47.097	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	356565	51.376	ug/l	99
36) 1,1-Dichloropropene	8.11	75	292668	49.342	ug/l	99
37) Ethyl Acetate	7.29	43	119321	50.520	ug/l	98
38) Carbon Tetrachloride	8.09	117	310928	49.595	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	326013	49.222	ug/l	98
40) Benzene	8.35	78	843470	51.923	ug/l	100
41) Methacrylonitrile	7.52	41	65332	57.145	ug/l	94
42) 1,2-Dichloroethane	8.42	62	263133	49.993	ug/l	100
43) Isopropyl Acetate	8.45	43	228793	50.548	ug/l	97
44) Trichloroethene	9.11	130	213274	50.051	ug/l	92
45) 1,2-Dichloropropane	9.38	63	209694	51.330	ug/l	95
46) Dibromomethane	9.47	93	117882	52.302	ug/l	97
47) Bromodichloromethane	9.66	83	316886	51.966	ug/l	99
48) Methyl methacrylate	9.45	41	118571	51.807	ug/l	96
49) 1,4-Dioxane	9.46	88	24450	988.808	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	603042	264.179	ug/l	100
52) Toluene	10.40	92	539315	52.447	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	285067	52.956	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	327645	50.684	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	158243	54.606	ug/l	98
56) Ethyl methacrylate	10.66	69	183516	54.389	ug/l	99
57) 1,3-Dichloropropane	10.94	76	272528	53.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	422541	273.786	ug/l	98
59) 2-Hexanone	10.98	43	408606	266.180	ug/l	100
60) Dibromochloromethane	11.14	129	204540	53.376	ug/l	99
61) 1,2-Dibromoethane	11.24	107	145821	51.722	ug/l	99
64) Tetrachloroethene	10.87	164	198204	55.451	ug/l	95
65) Chlorobenzene	11.67	112	554336	50.593	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	211284	50.526	ug/l	97
67) Ethyl Benzene	11.74	91	1026560	51.025	ug/l	100
68) m/p-Xylenes	11.85	106	767984	102.807	ug/l	99
69) o-Xylene	12.18	106	353846	52.855	ug/l	99
70) Styrene	12.19	104	617873	53.087	ug/l	100
71) Bromoform	12.36	173	106016	50.306	ug/l #	98
73) Isopropylbenzene	12.48	105	968231	56.143	ug/l	99
74) N-amyl acetate	12.29	43	211083	54.041	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	167690	55.039	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	221349	98.810	ug/l #	100
77) Bromobenzene	12.76	156	211058	54.894	ug/l	99
78) n-propylbenzene	12.82	91	1130002	54.051	ug/l	99
79) 2-Chlorotoluene	12.91	91	644415	54.945	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	796188	54.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51908	54.098	ug/l	92
82) 4-Chlorotoluene	13.01	91	673337	53.687	ug/l	99
83) tert-Butylbenzene	13.23	119	664403	56.052	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	800834	55.415	ug/l	99
85) sec-Butylbenzene	13.40	105	930344	54.478	ug/l	99
86) p-Isopropyltoluene	13.52	119	834515	54.292	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	402062	52.674	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	399155	52.101	ug/l	99
89) n-Butylbenzene	13.84	91	764271	51.024	ug/l	99
90) Hexachloroethane	14.11	117	174450	52.673	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	352492	52.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27906	53.918	ug/l	92

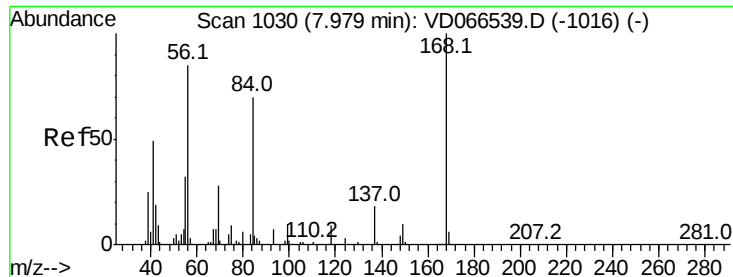
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	208330	52.030	ug/l	98
94) Hexachlorobutadiene	15.27	225	121752	50.614	ug/l	96
95) Naphthalene	15.40	128	404157	57.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	188106	55.103	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

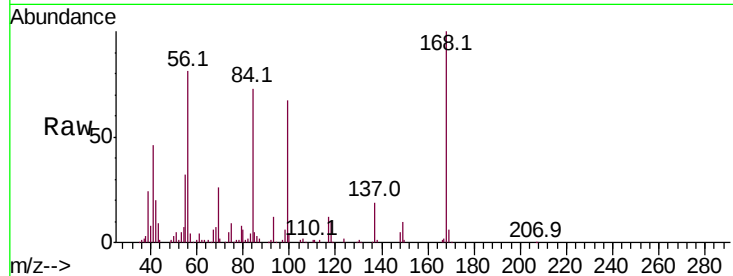
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 326775

Ion Ratio Lower Upper

168 100

99 66.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

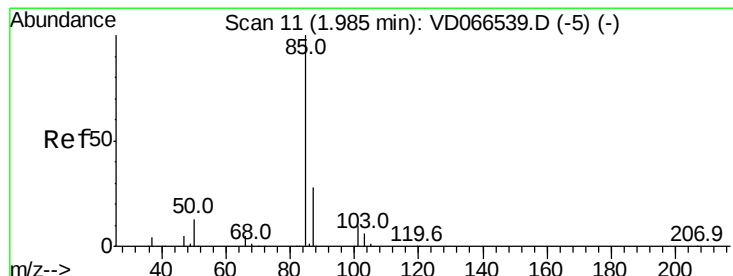
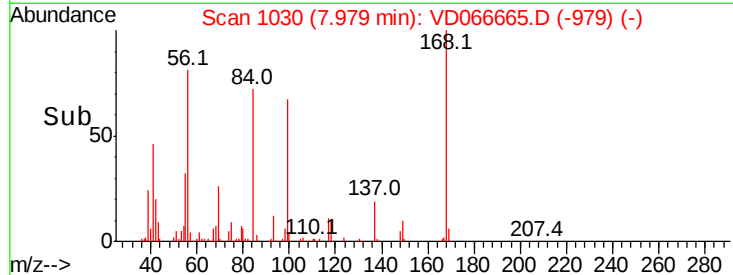
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.002 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066665.D

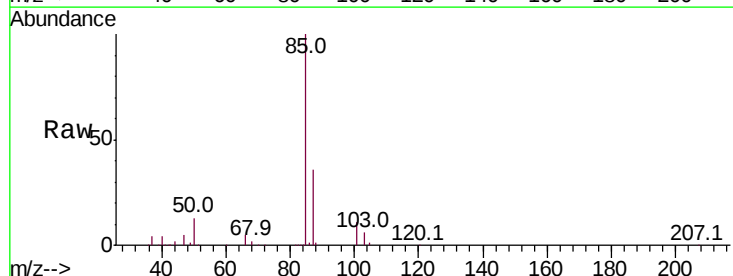
Acq: 12 Sep 2020 00:13

Tgt Ion: 85 Resp: 129954

Ion Ratio Lower Upper

85 100

87 36.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

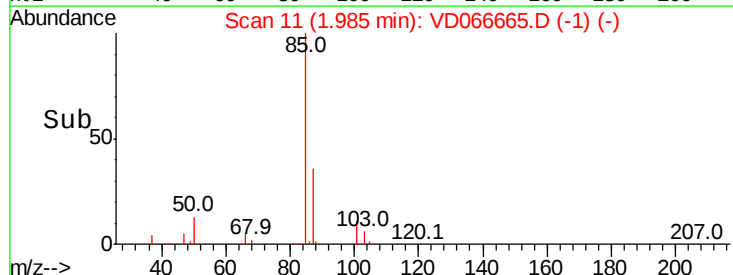
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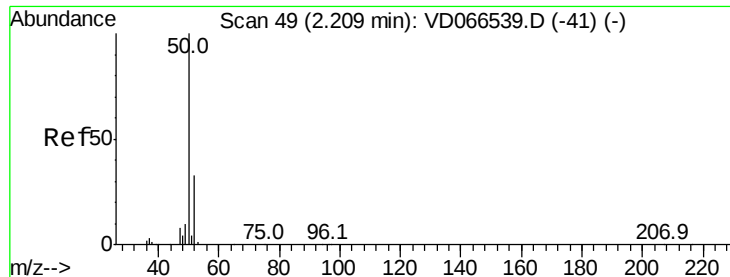
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.600 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

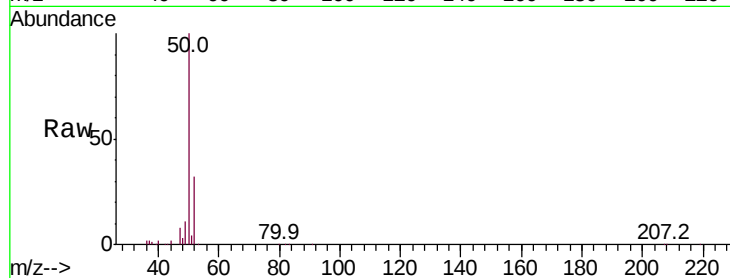
ClientSampleId :

Tot Ion: 50 Resp: 188444

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

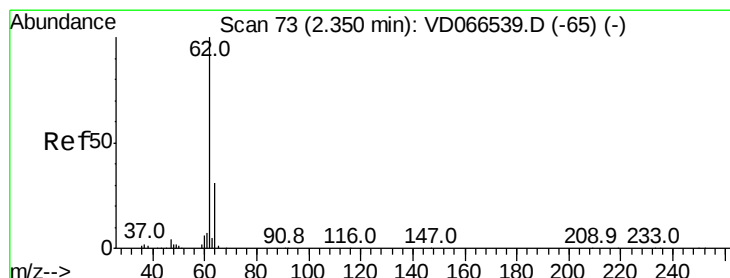
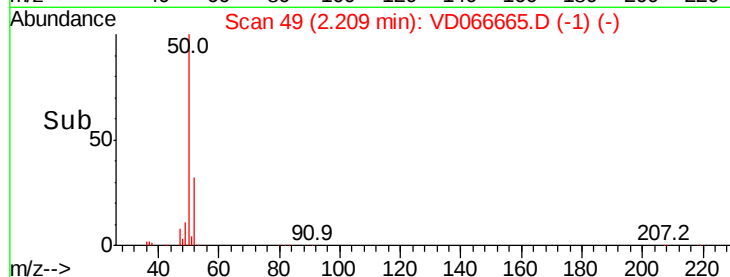
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 43.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066665.D

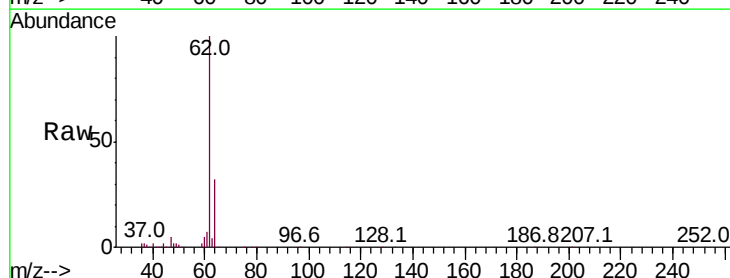
Acq: 12 Sep 2020 00:13

Tgt Ion: 62 Resp: 200895

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

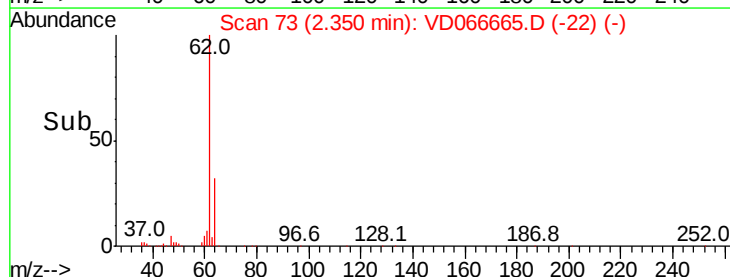
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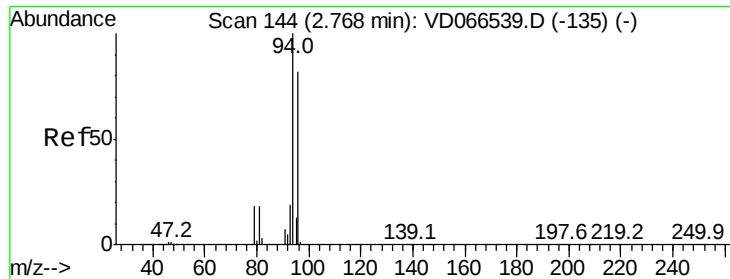
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.444 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

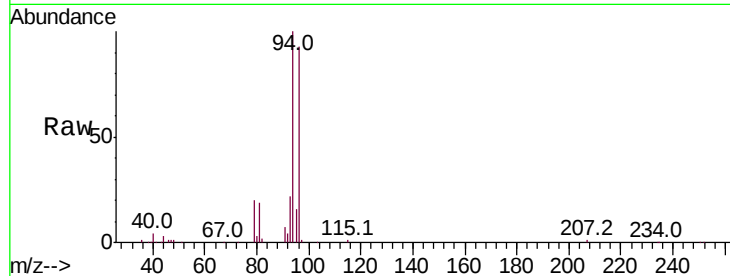
ClientSampleId :

Tot Ion: 94 Resp: 146053

Ion Ratio Lower Upper

94 100

96 93.3 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

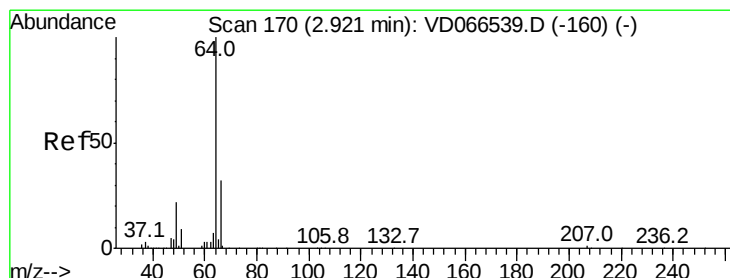
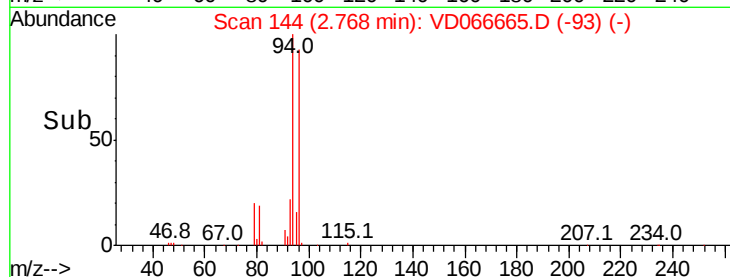
60000

40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 44.644 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066665.D

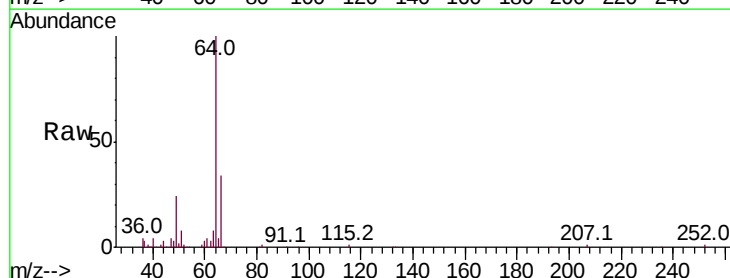
Acq: 12 Sep 2020 00:13

Tgt Ion: 64 Resp: 129969

Ion Ratio Lower Upper

64 100

66 34.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

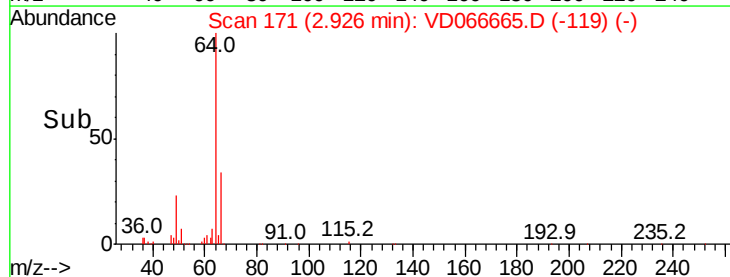
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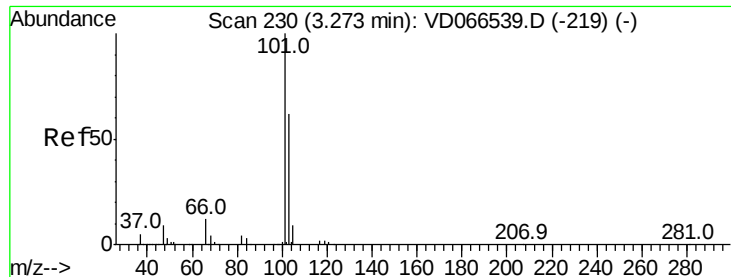
40000

20000

0

Time--> 2.80 2.85 2.90 2.95 3.00





#7

Trichlorofluoromethane

Concen: 47.109 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

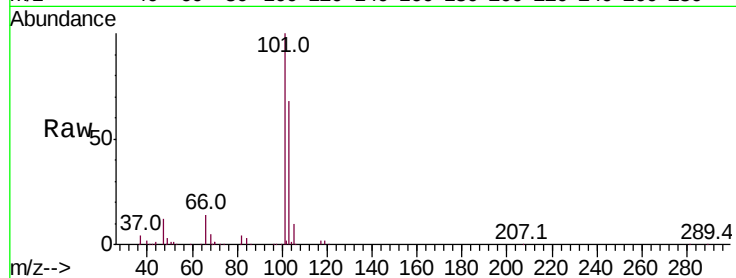
ClientSampleId :

Tot Ion:101 Resp: 318974

Ion Ratio Lower Upper

101 100

103 67.6 49.7 74.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

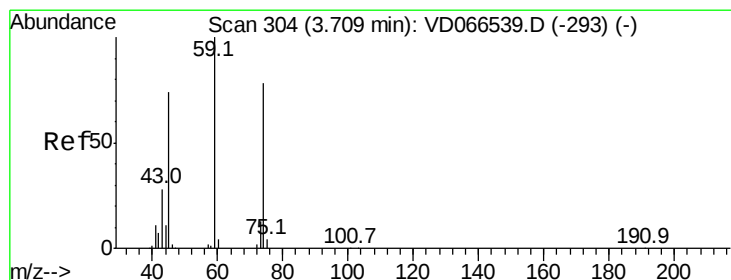
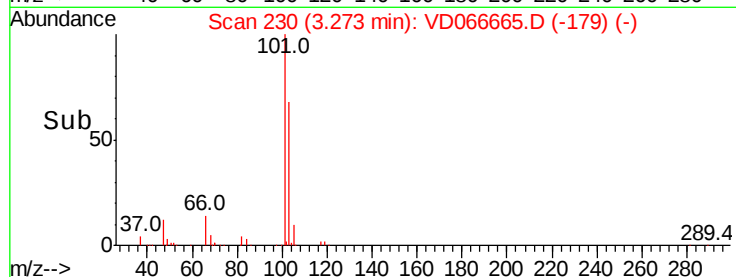
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 52.970 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066665.D

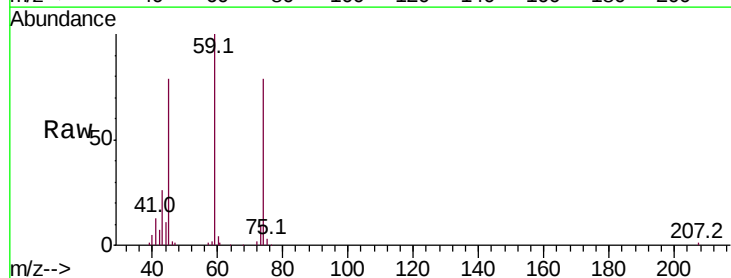
Acq: 12 Sep 2020 00:13

Tgt Ion: 74 Resp: 90316

Ion Ratio Lower Upper

74 100

45 97.7 49.7 149.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

40000

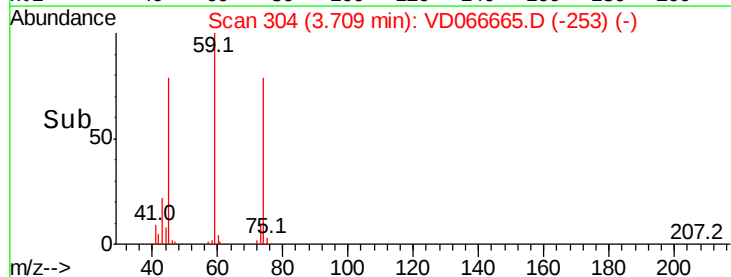
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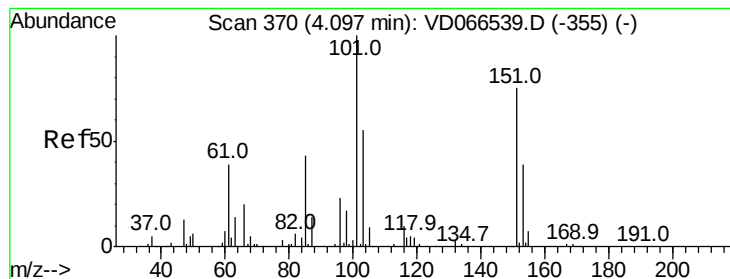
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.810 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

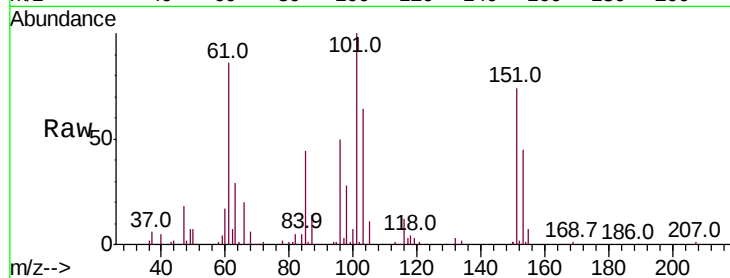
Tot Ion:101 Resp: 175203

Ion Ratio Lower Upper

101 100

85 44.7 37.0 55.6

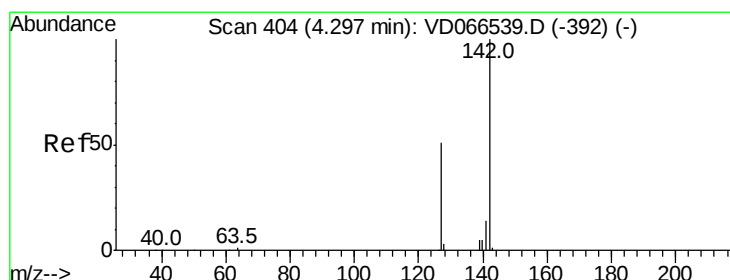
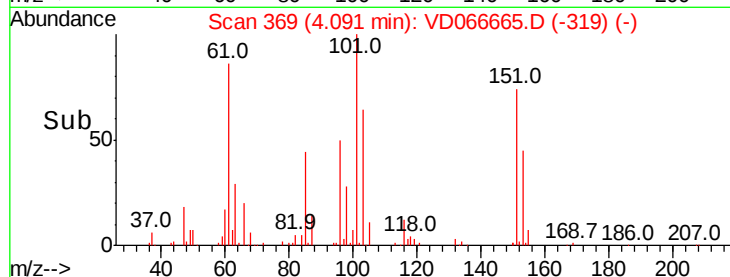
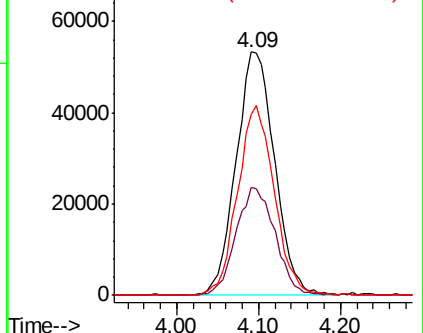
151 74.0 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.002 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

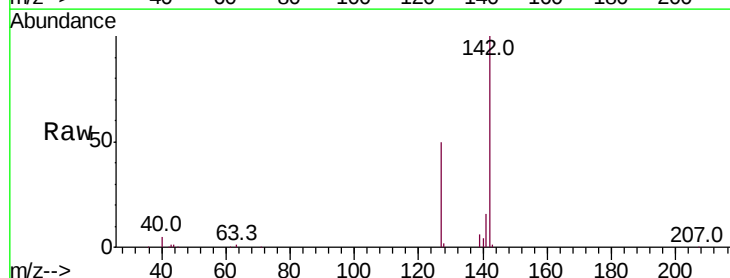
Tgt Ion:142 Resp: 188948

Ion Ratio Lower Upper

142 100

127 49.4 40.6 61.0

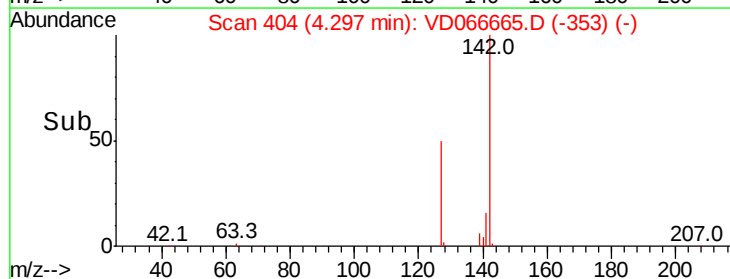
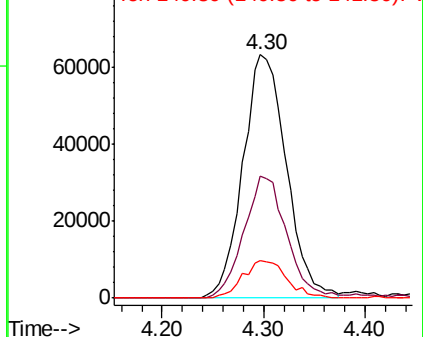
141 15.8 12.2 18.4

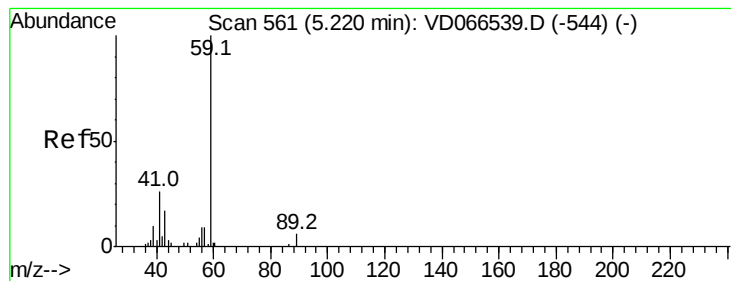


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 236.759 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

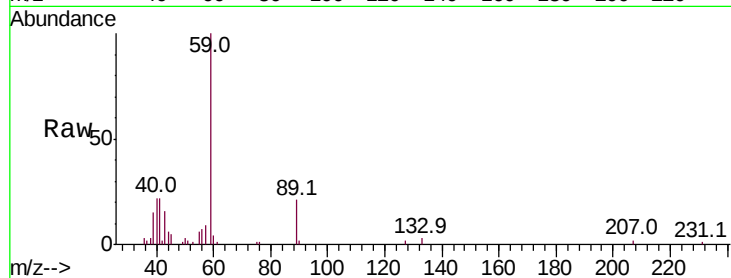
ClientSampled :

Tot Ion: 59 Resp: 59144

Ion Ratio Lower Upper

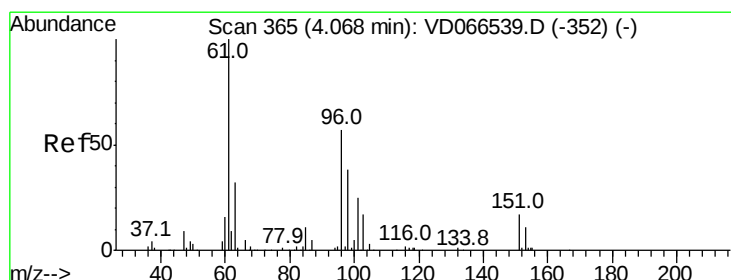
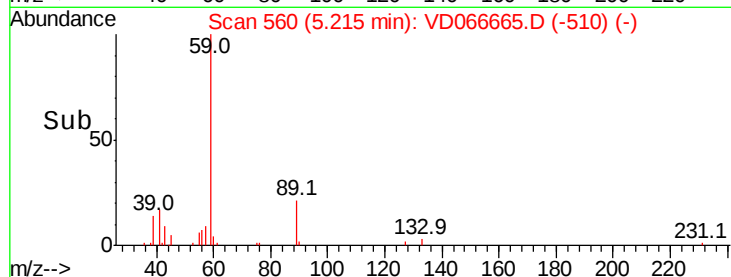
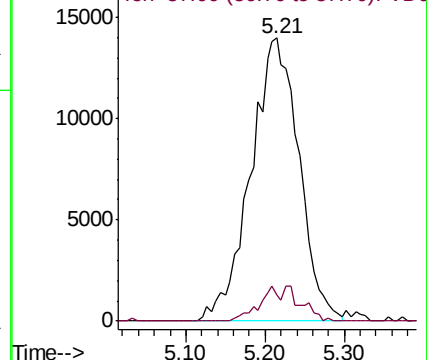
59 100

57 5.4 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.323 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

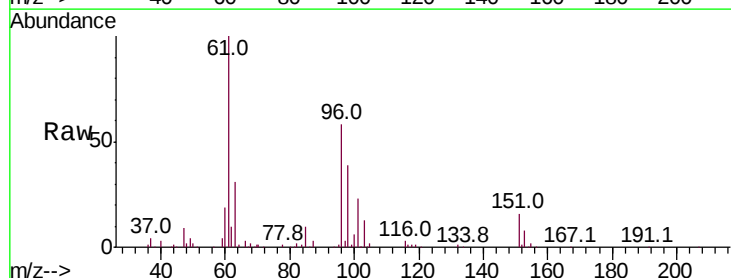
Tgt Ion: 96 Resp: 165677

Ion Ratio Lower Upper

96 100

61 171.3 140.9 211.3

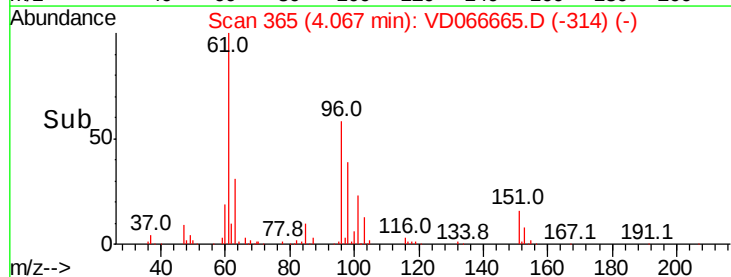
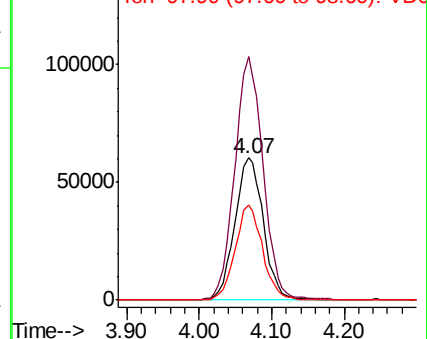
98 66.8 53.2 79.8

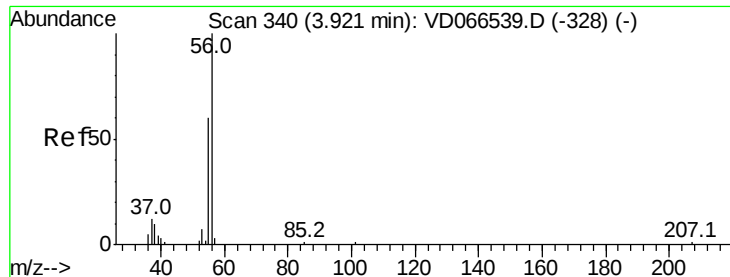


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 271.182 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

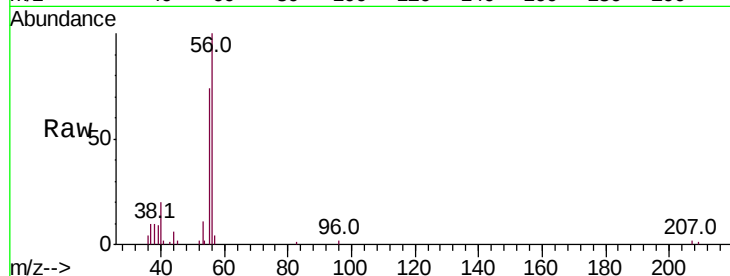
ClientSampleId :

Tot Ion: 56 Resp: 43839

Ion Ratio Lower Upper

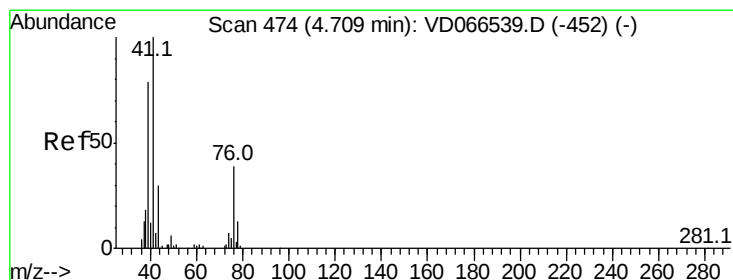
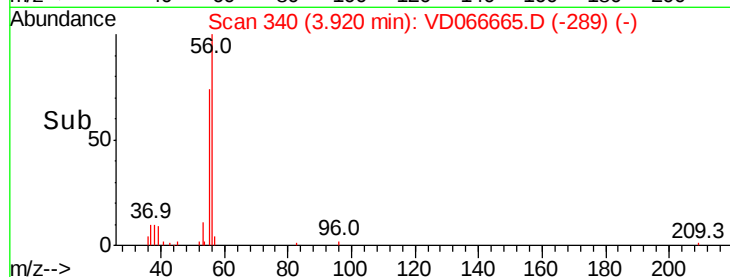
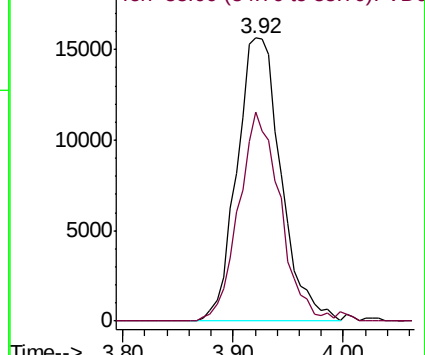
56 100

55 69.0 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 53.244 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

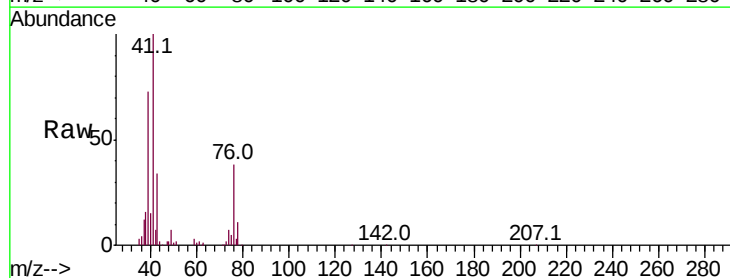
Tgt Ion: 41 Resp: 287284

Ion Ratio Lower Upper

41 100

39 75.9 61.9 92.9

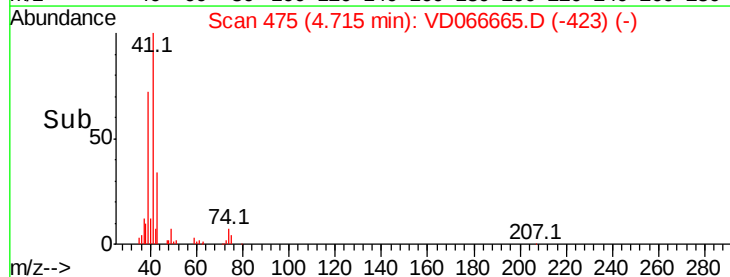
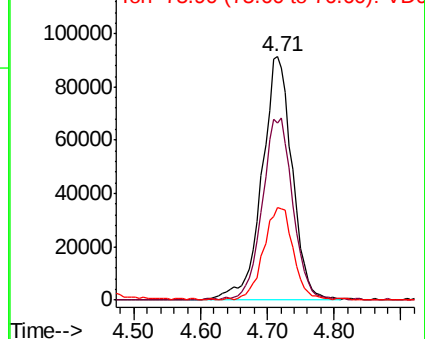
76 37.5 29.0 43.6

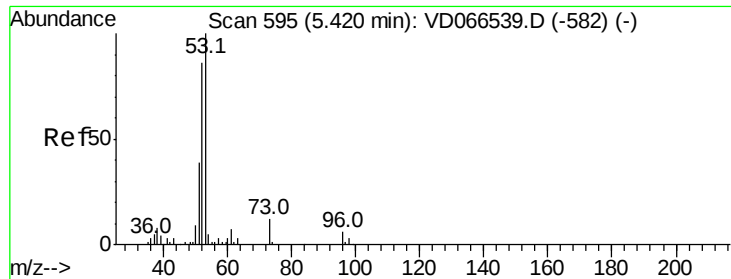


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 276.675 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

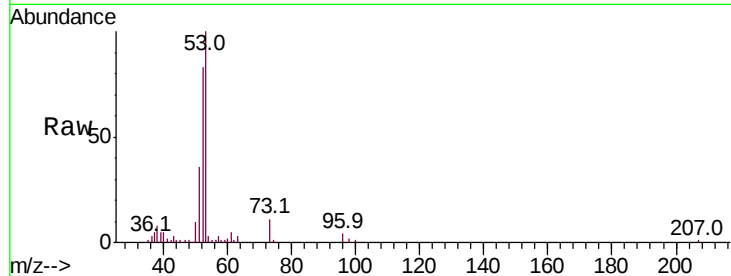
Tot Ion: 53 Resp: 202649

Ion Ratio Lower Upper

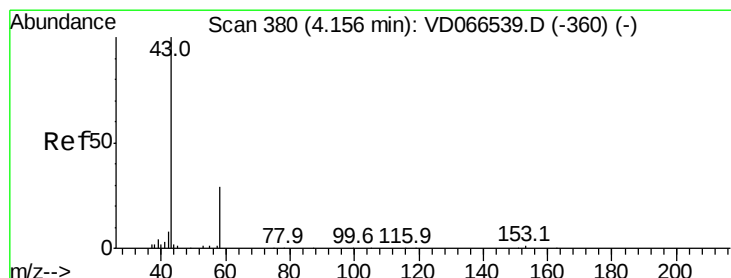
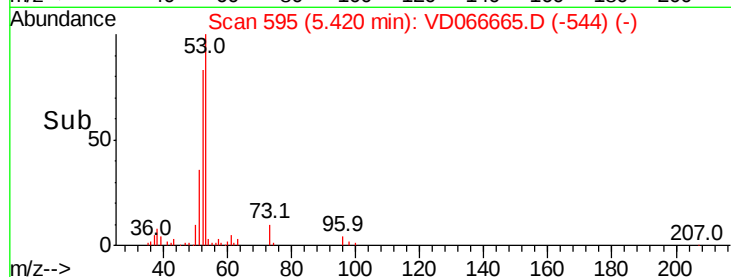
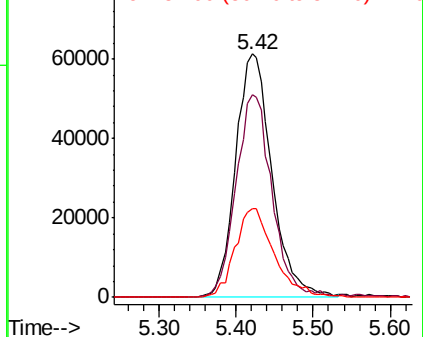
53 100

52 82.3 65.4 98.2

51 39.3 31.2 46.8



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



#16

Acetone

Concen: 224.405 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066665.D

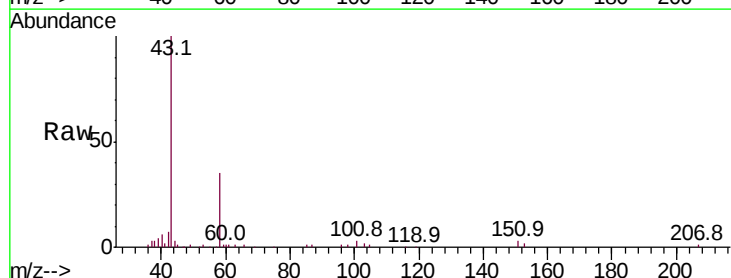
Acq: 12 Sep 2020 00:13

Tgt Ion: 43 Resp: 163246

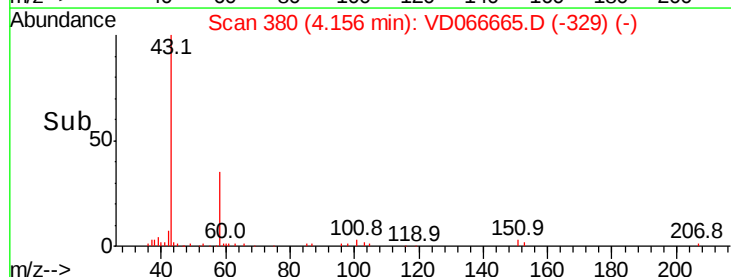
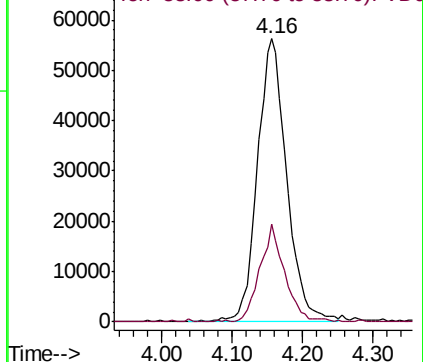
Ion Ratio Lower Upper

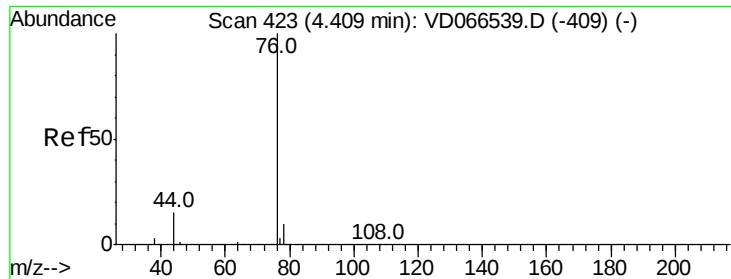
43 100

58 34.3 22.9 34.3



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

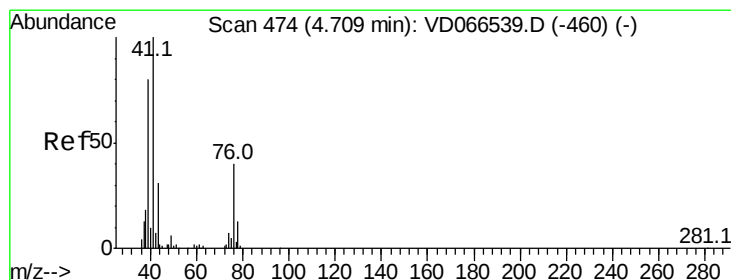
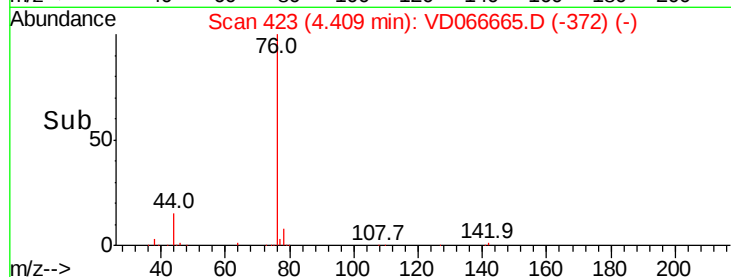
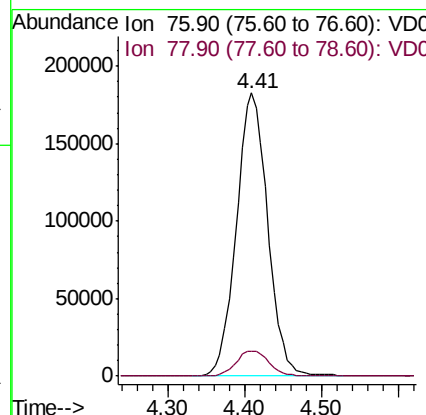
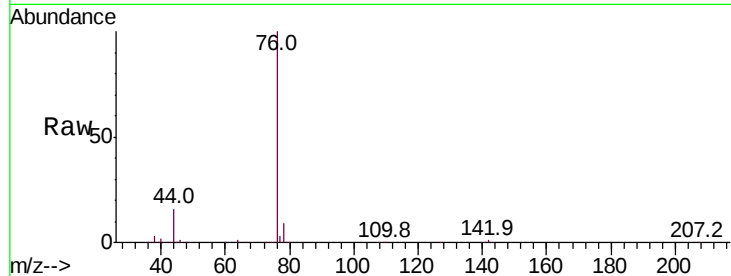




#17
Carbon Disulfide
Concen: 47.922 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

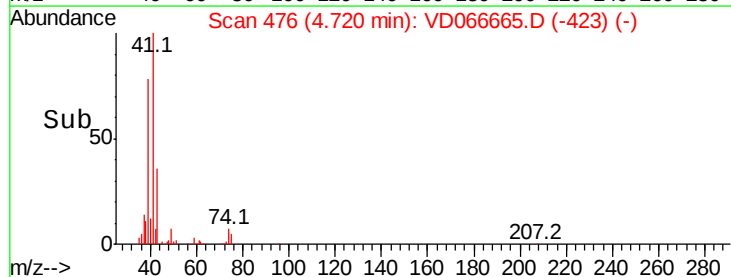
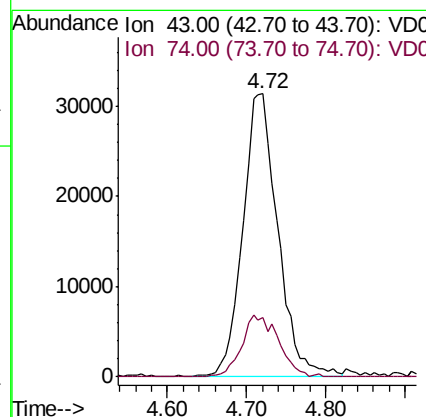
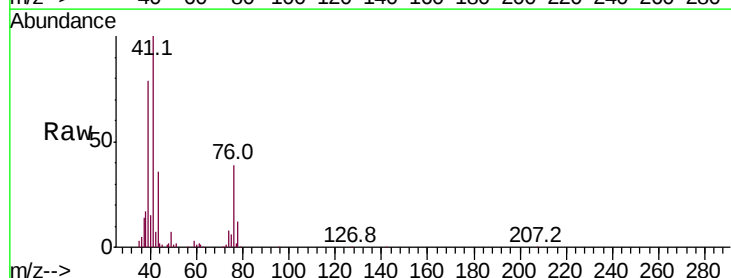
Instrument :
MSVOA_D
ClientSampleId :

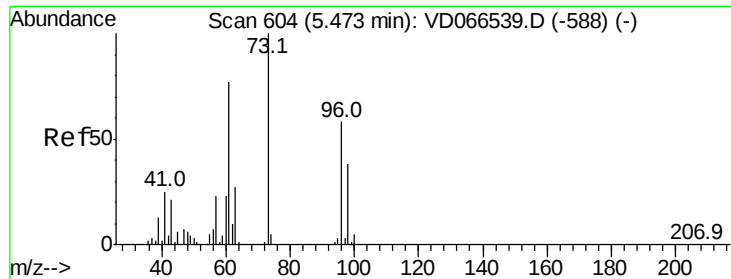
Tot Ion: 76 Resp: 518670
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 55.688 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 43 Resp: 96570
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0

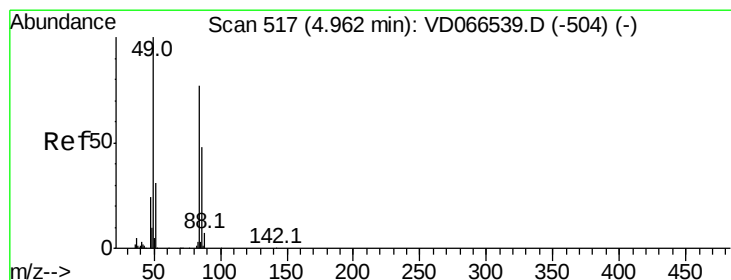
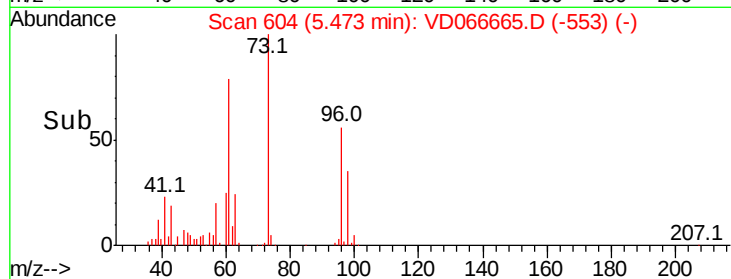
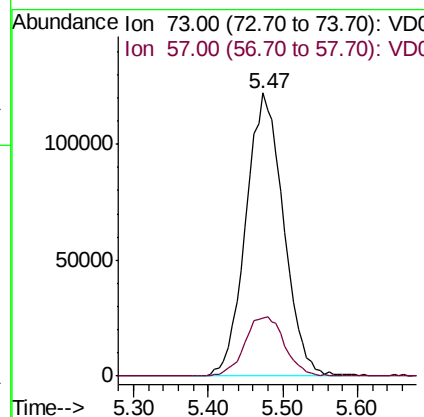
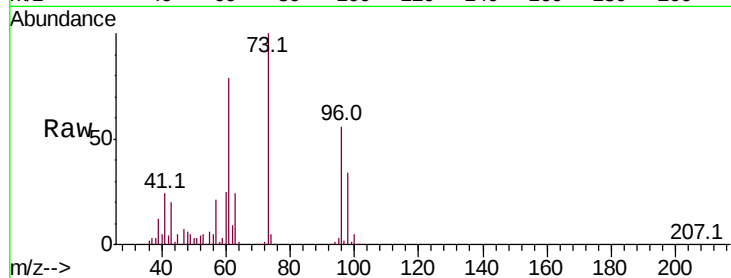




#19
Methvl tert-butvl Ether
Concen: 55.356 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

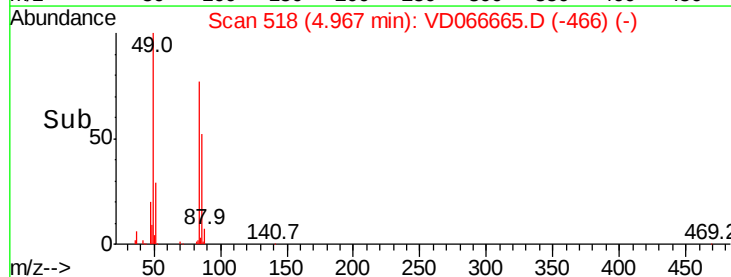
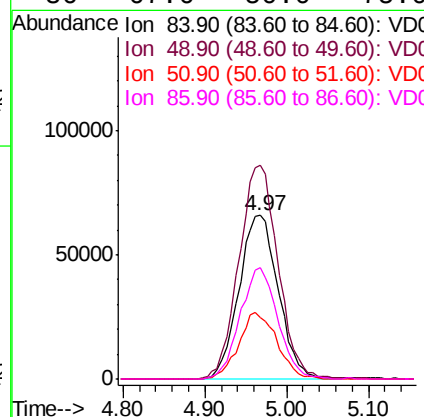
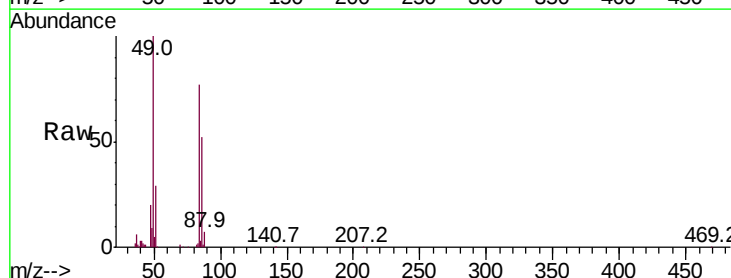
Instrument :
MSVOA_D
ClientSampleId :

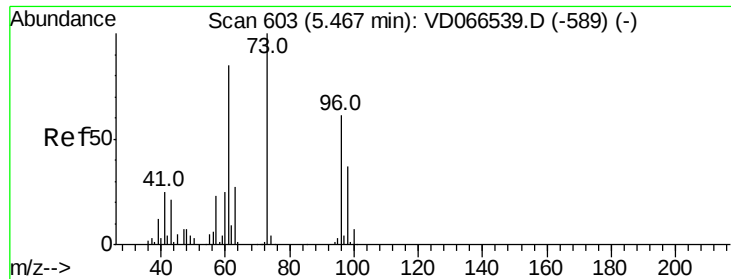
Tot Ion: 73 Resp: 427380
Ion Ratio Lower Upper
73 100
57 20.7 18.3 27.5



#20
Methylene Chloride
Concen: 56.525 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 84 Resp: 220670
Ion Ratio Lower Upper
84 100
49 130.4 104.3 156.5
51 37.7 32.2 48.4
86 67.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 53.488 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

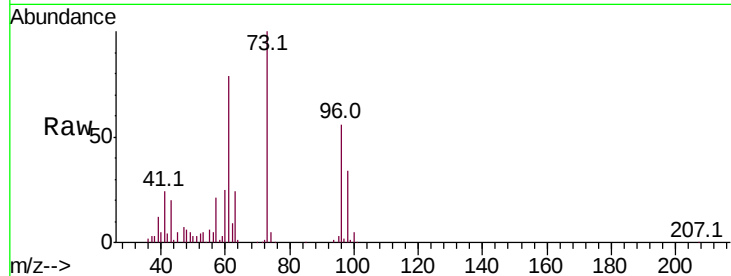
Tot Ion: 96 Resp: 209115

Ion Ratio Lower Upper

96 100

61 140.6 112.1 168.1

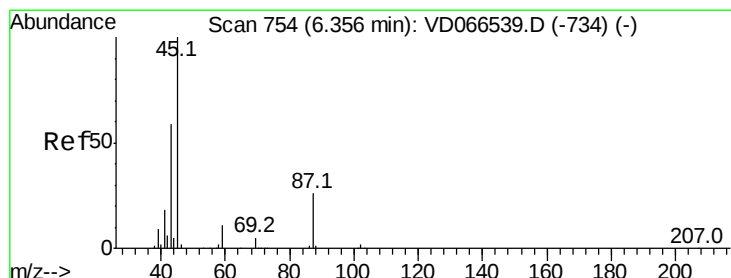
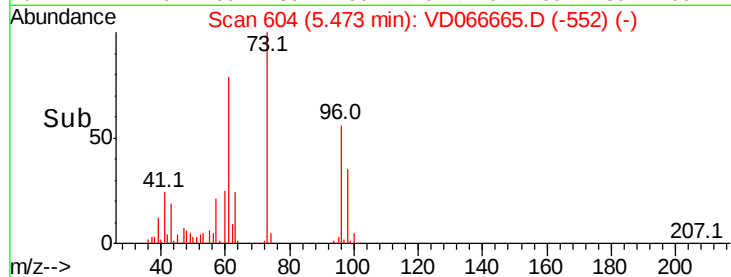
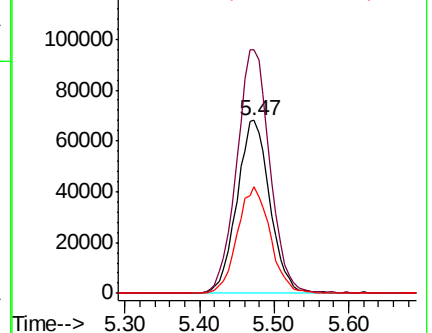
98 61.7 48.6 72.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 57.572 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Tgt Ion: 45 Resp: 638809

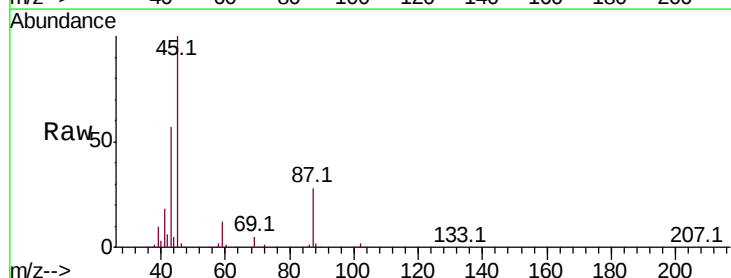
Ion Ratio Lower Upper

45 100

43 56.4 47.0 70.4

87 28.1 21.3 31.9

59 11.9 8.7 13.1

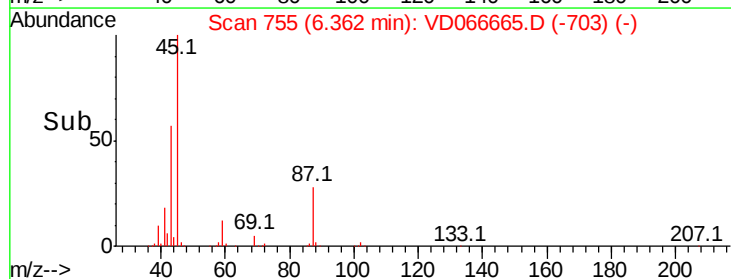
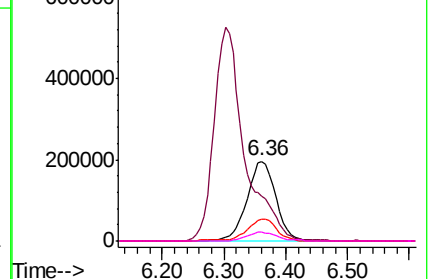


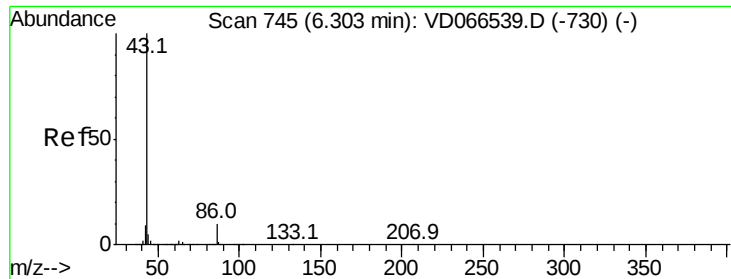
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 284.682 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

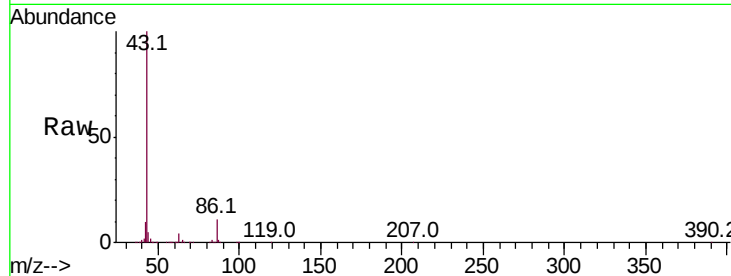
ClientSampleId :

Tot Ion: 43 Resp: 1797551

Ion Ratio Lower Upper

43 100

86 10.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

600000

500000

400000

300000

200000

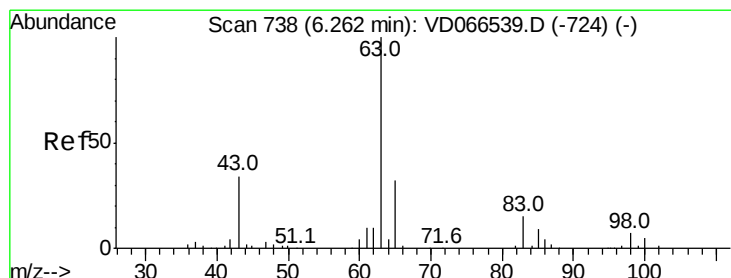
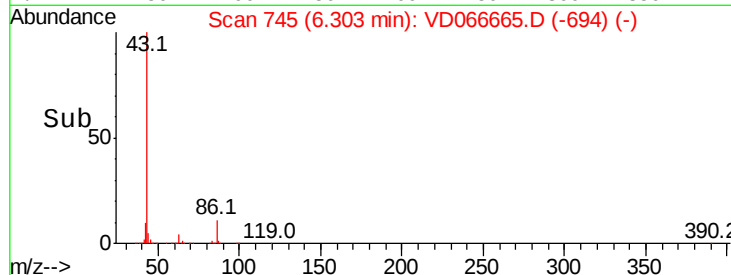
100000

0

6.20

6.40

Time-->



#24

1,1-Dichloroethane

Concen: 55.049 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

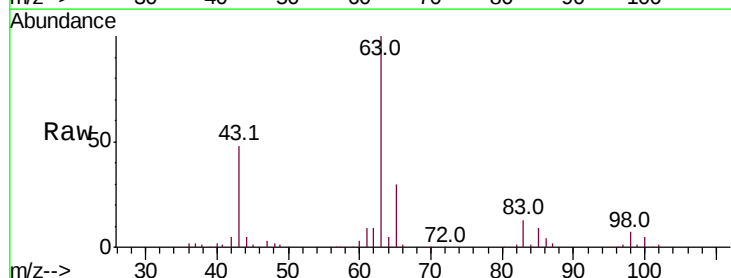
Tgt Ion: 63 Resp: 384109

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.9 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

150000

100000

50000

0

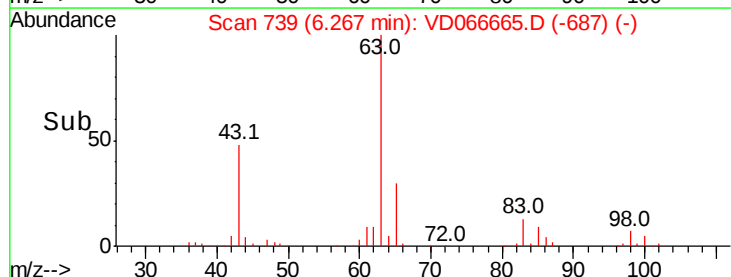
6.10

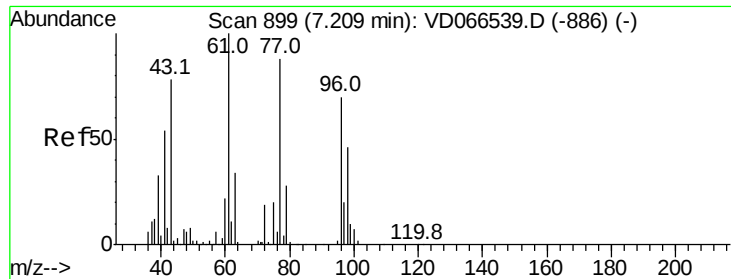
6.20

6.30

6.40

Time-->

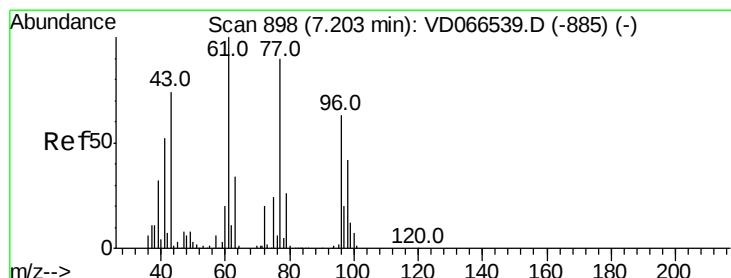
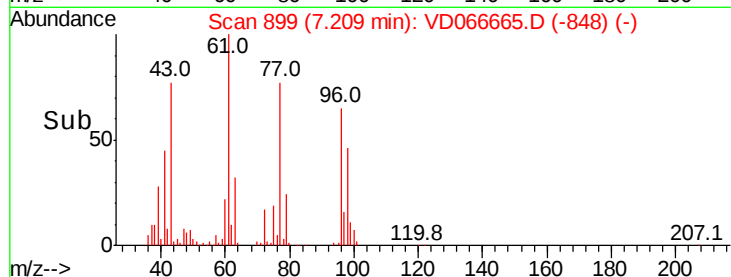
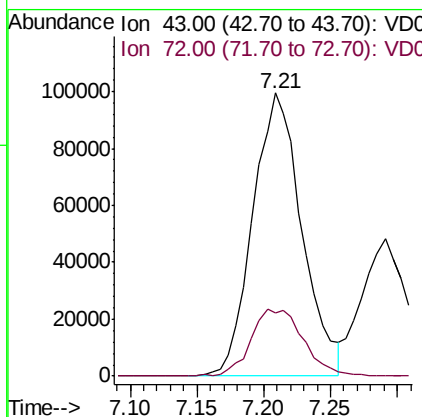
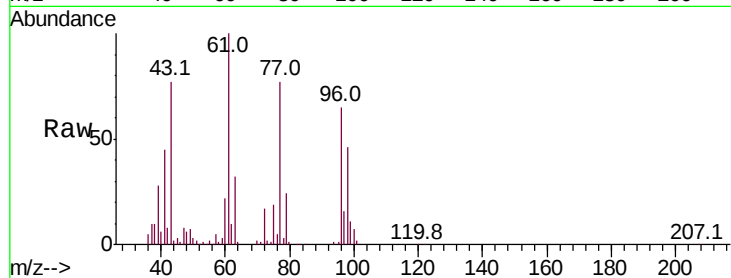




#25
2-Butanone
Concen: 260.632 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

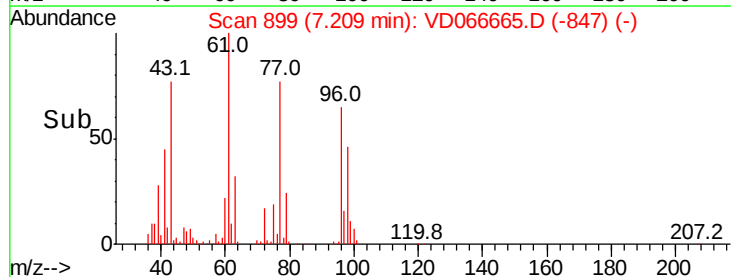
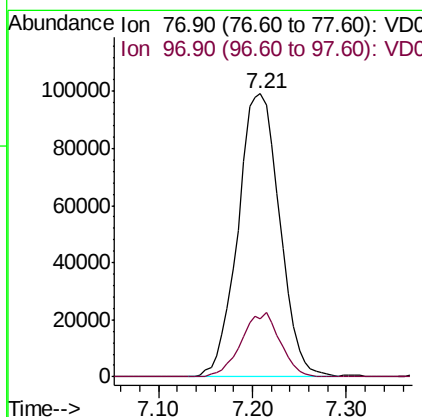
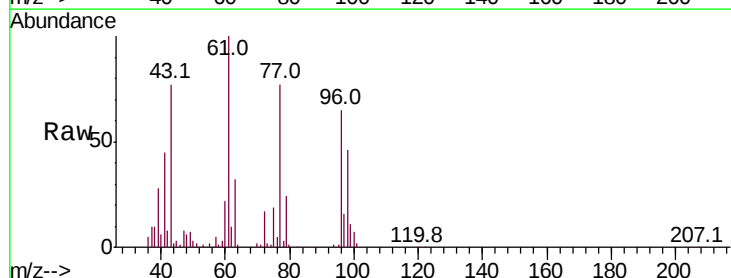
Instrument :
MSVOA_D
ClientSampleId :

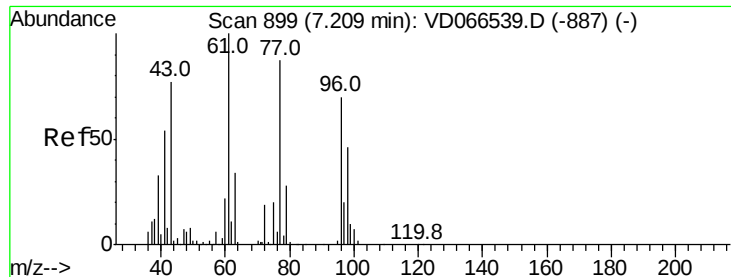
Tot Ion: 43 Resp: 254517
Ion Ratio Lower Upper
43 100
72 22.3 19.8 29.6



#26
2,2-Dichloropropane
Concen: 47.656 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 77 Resp: 305019
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3



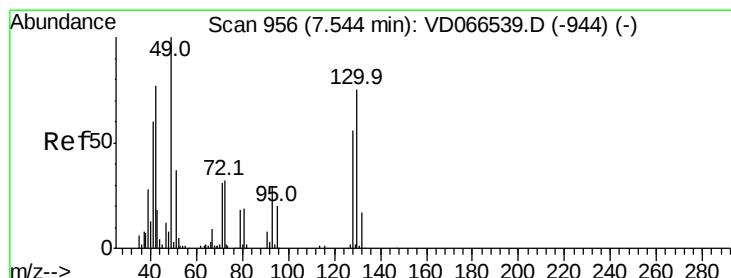
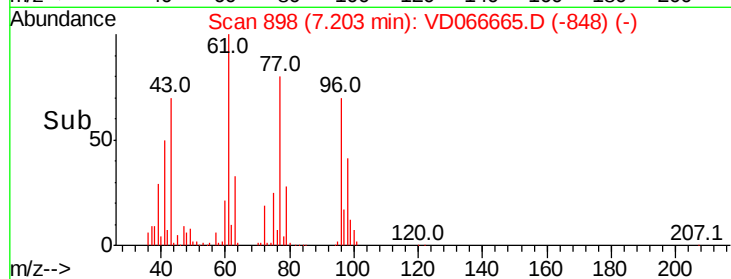
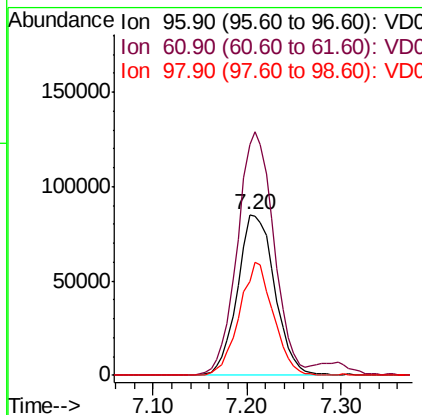
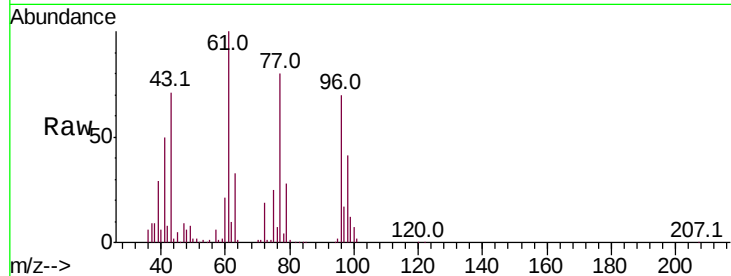


#27

cis-1,2-Dichloroethene
Concen: 55.706 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Instrument :
MSVOA_D
ClientSampleId :

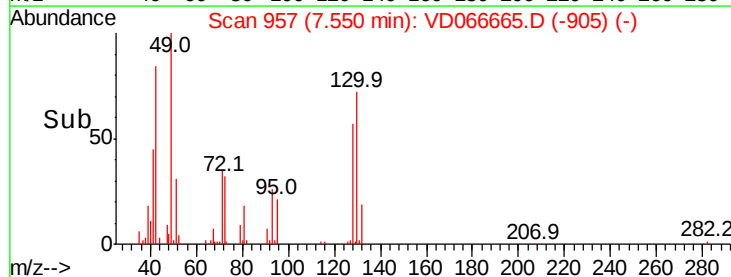
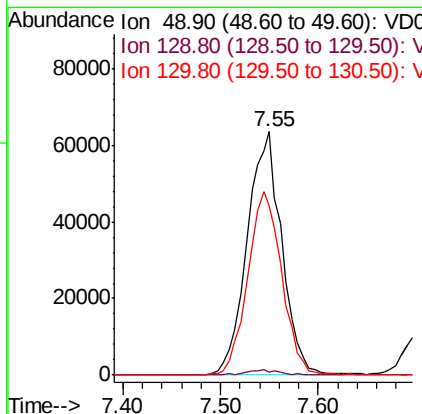
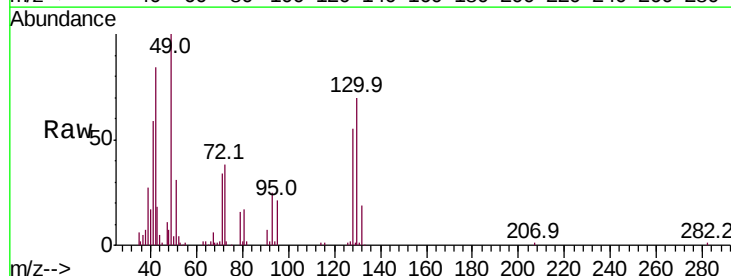
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	301.0
98	64.4	0.0	129.8

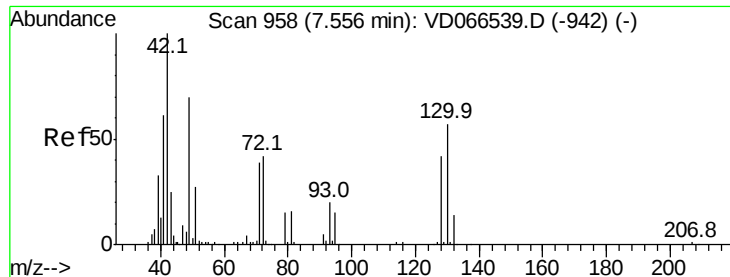


#28

Bromochloromethane
Concen: 58.562 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	74.6	58.2	87.2

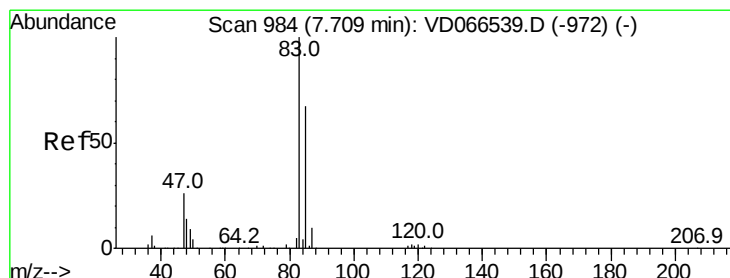
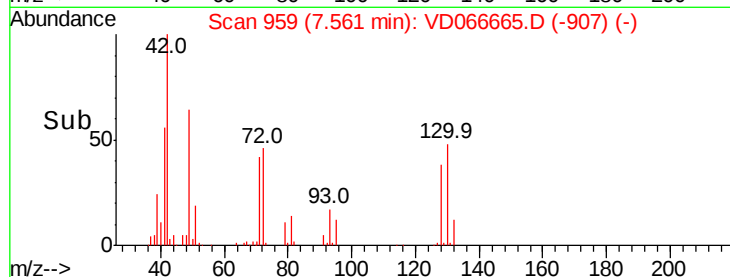
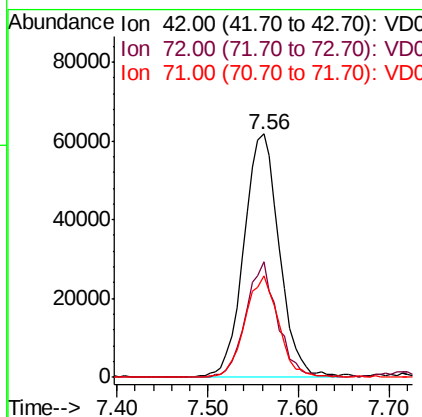
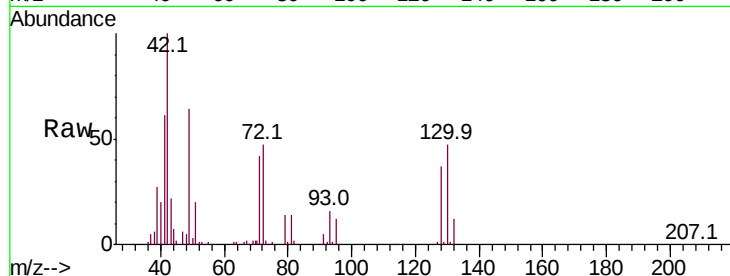




#29
Tetrahydrofuran
Concen: 275.982 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

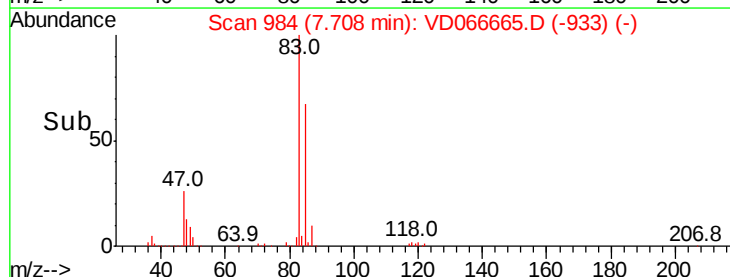
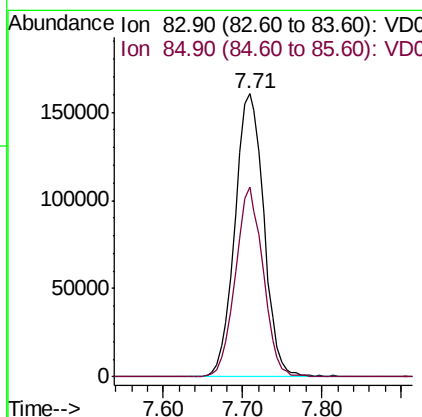
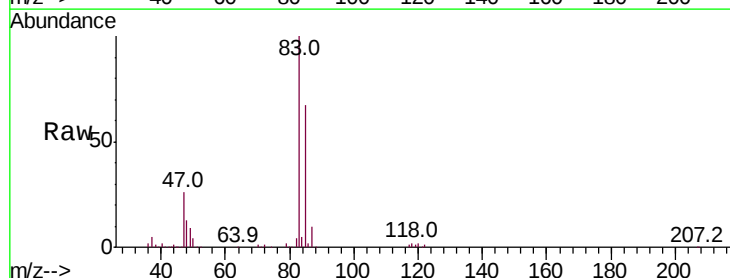
Instrument :
MSVOA_D
ClientSampled :

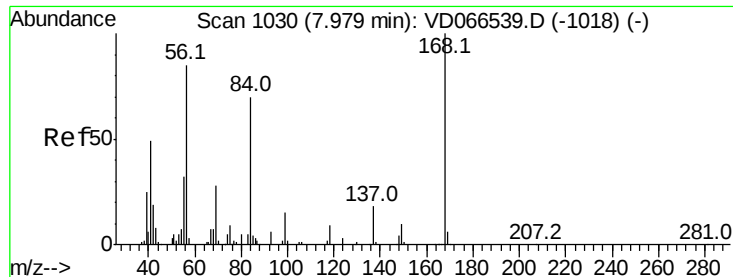
Tot Ion: 42 Resp: 167847
Ion Ratio Lower Upper
42 100
72 42.3 33.4 50.0
71 39.4 31.9 47.9



#30
Chloroform
Concen: 54.979 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 83 Resp: 405848
Ion Ratio Lower Upper
83 100
85 67.1 53.6 80.4

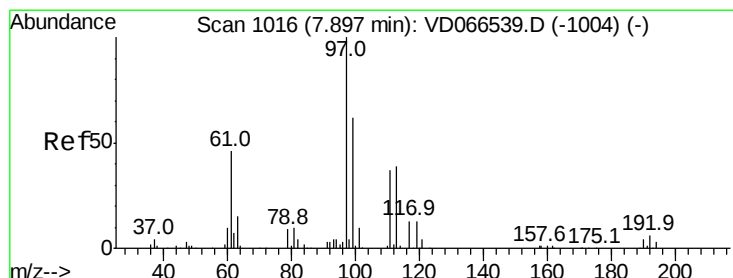
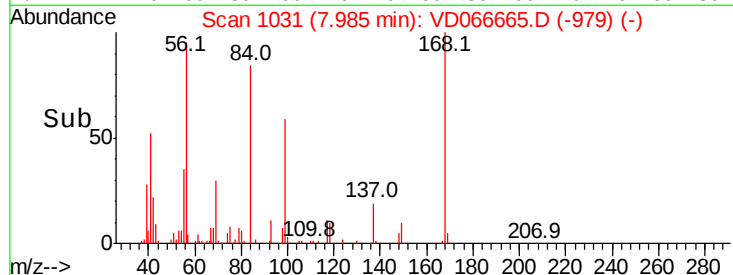
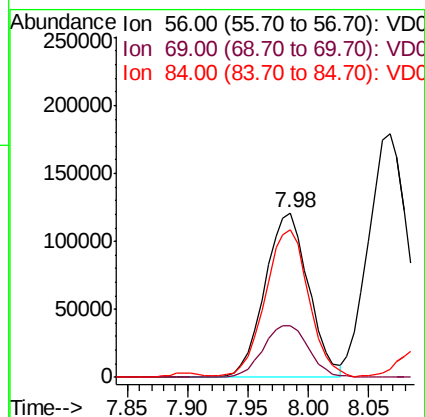
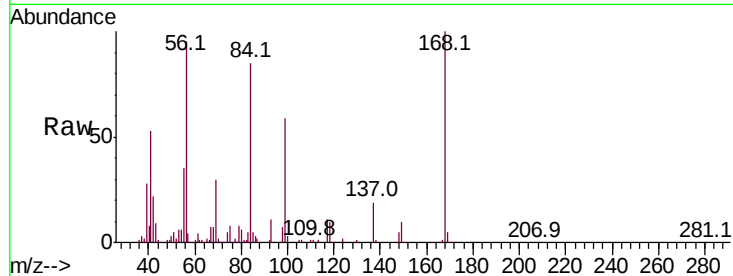




#31
Cyclohexane
Concen: 47.097 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

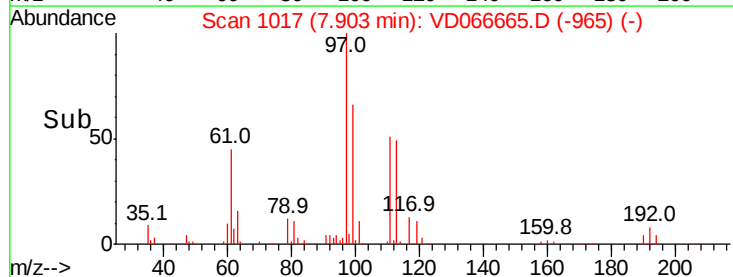
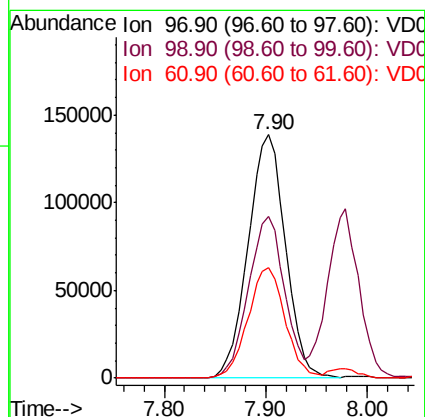
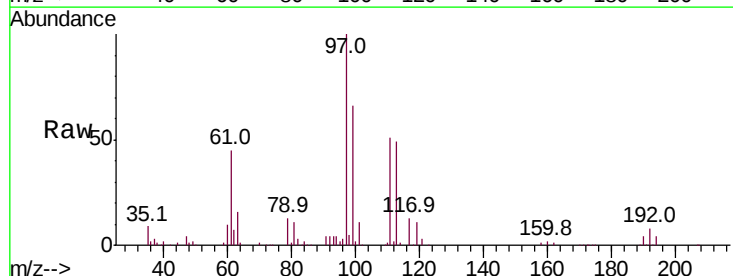
Instrument :
MSVOA_D
ClientSampled :

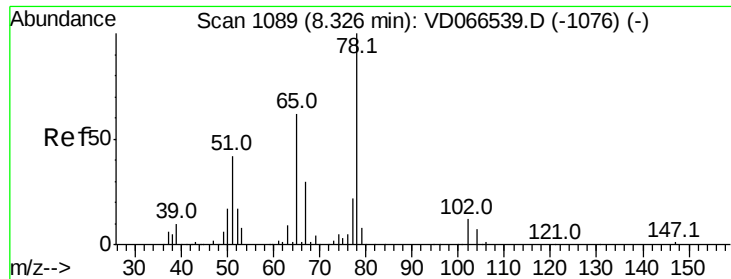
Tot Ion	56	69	84
Resp	303779		
Ratio	100	31.6	87.2
Lower		26.3	66.1
Upper		39.5	99.1



#32
1,1,1-Trichloroethane
Concen: 51.376 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion	97	99	61
Resp	356565		
Ratio	100	64.2	45.1
Lower		51.4	37.4
Upper		77.0	56.0





#33

1,2-Dichloroethane-d4

Concen: 53.598 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

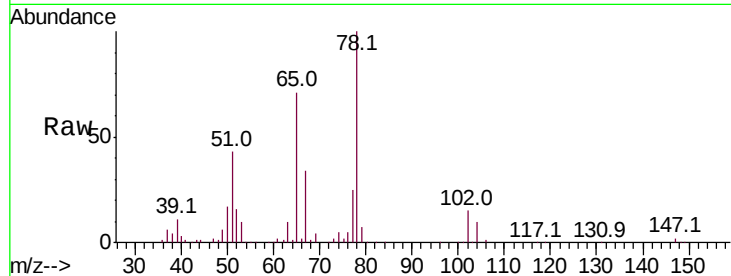
ClientSampleId :

Tot Ion: 65 Resp: 211908

Ion Ratio Lower Upper

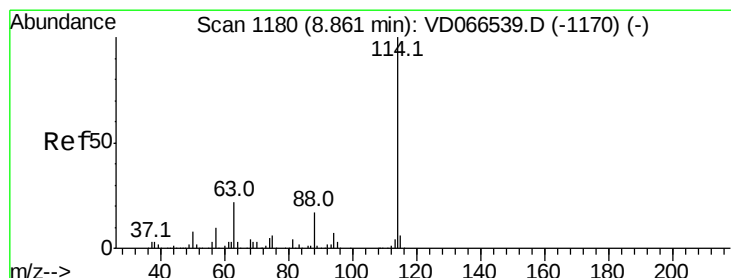
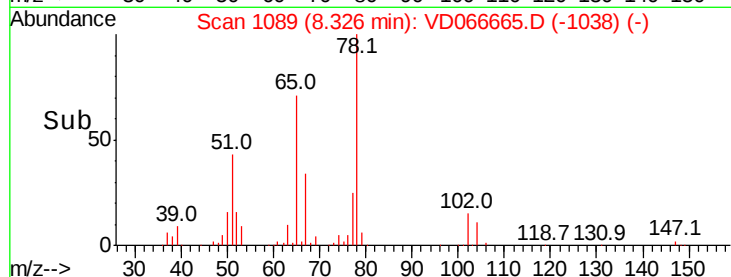
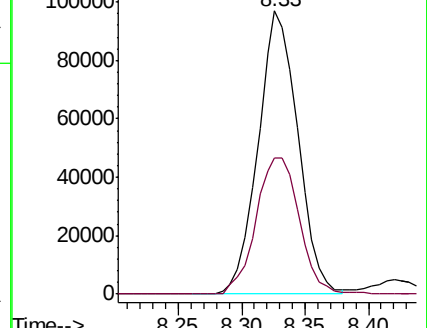
65 100

67 52.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

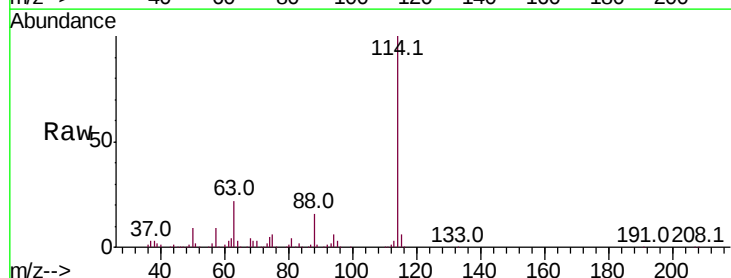
Tgt Ion:114 Resp: 569942

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

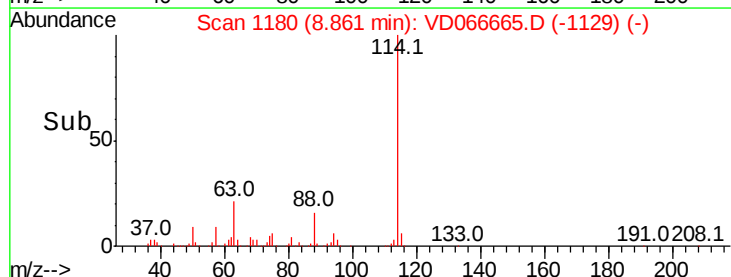
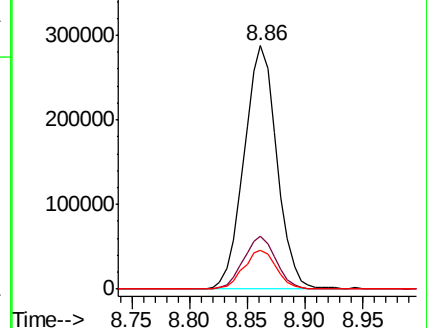
88 15.9 0.0 33.2

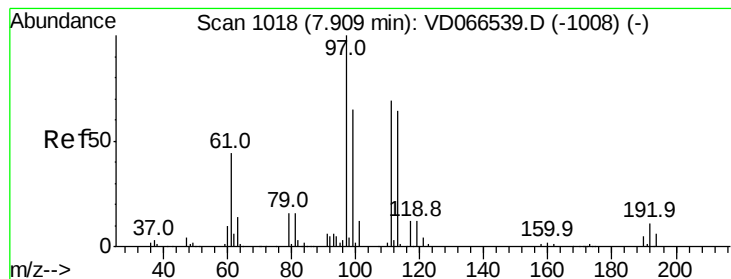


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.146 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

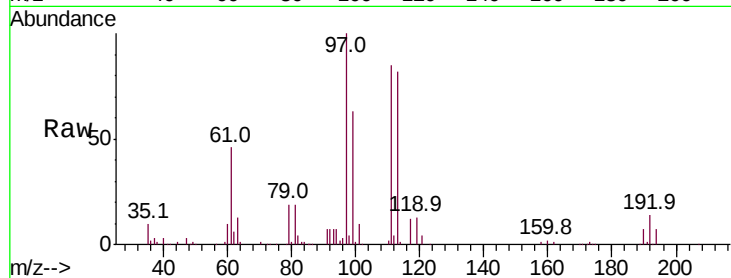
Tot Ion:113 Resp: 200495

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

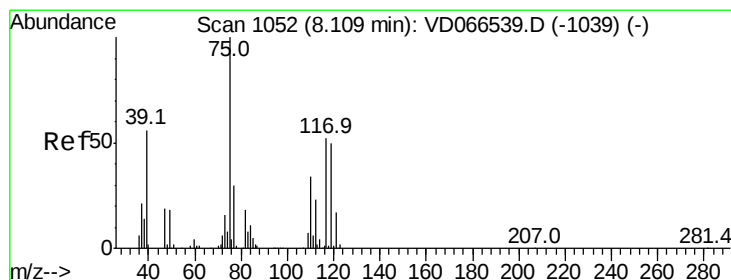
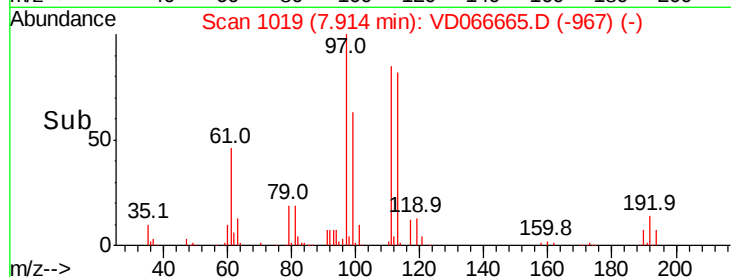
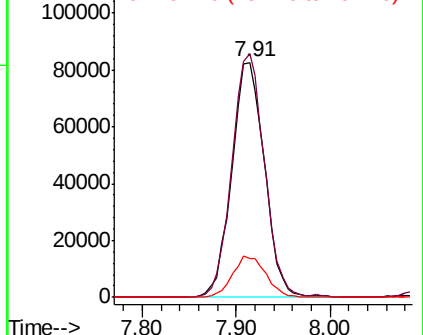
192 17.6 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.342 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

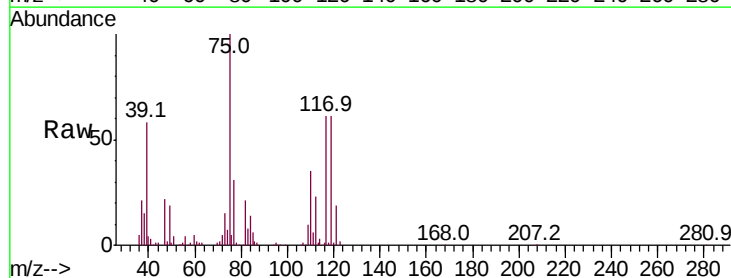
Tgt Ion: 75 Resp: 292668

Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

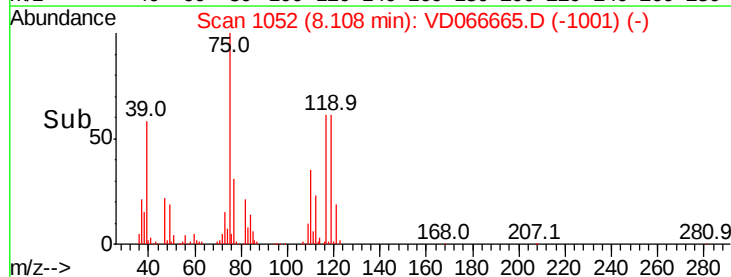
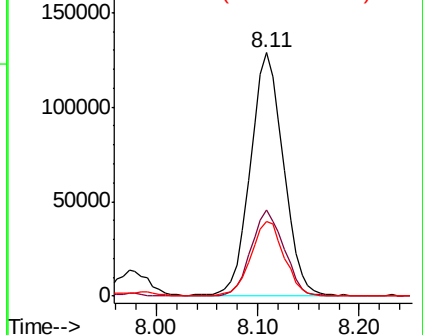
77 31.0 25.1 37.7

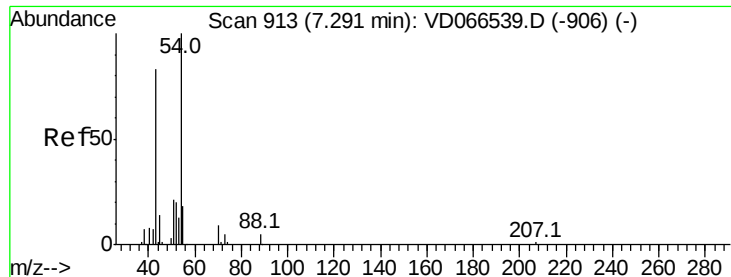


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

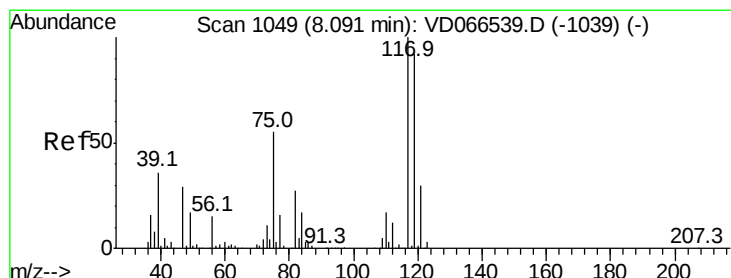
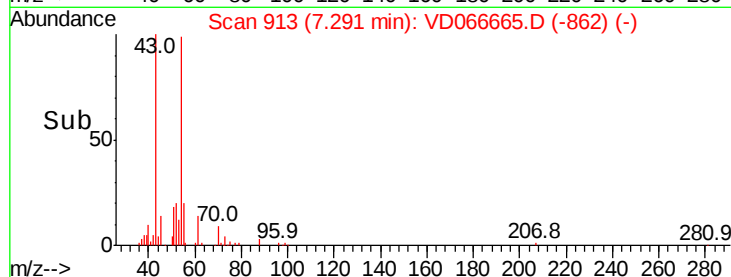
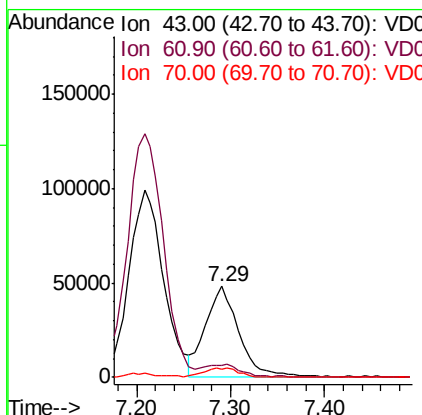
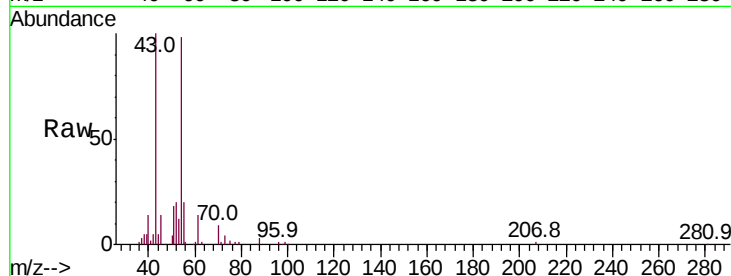




#37
Ethyl Acetate
Concen: 50.520 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

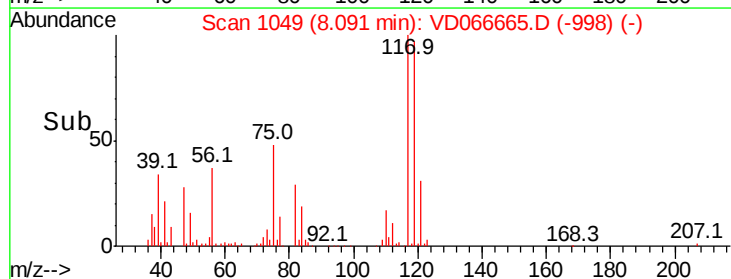
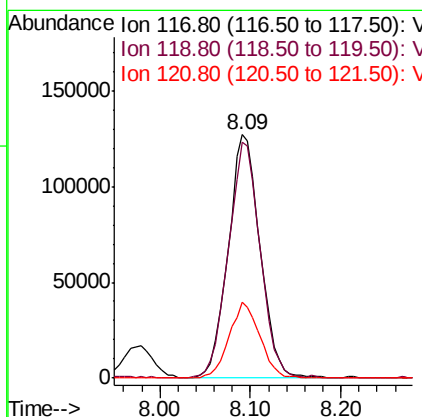
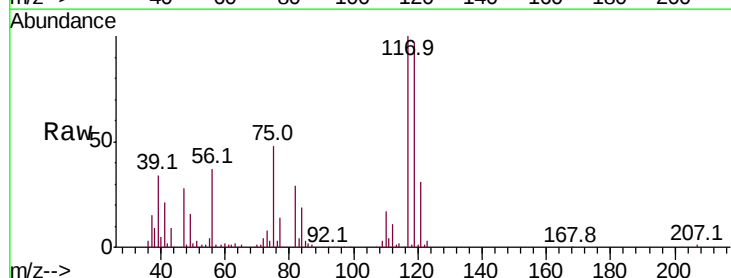
Instrument :
MSVOA_D
ClientSampleID :

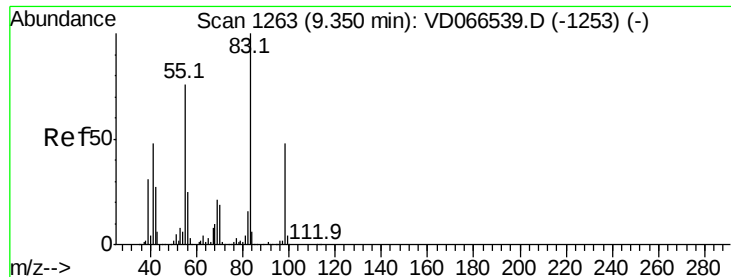
Tot Ion: 43 Resp: 119321
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 10.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.595 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 117 Resp: 310928
Ion Ratio Lower Upper
117 100
119 96.9 73.9 110.9
121 31.3 24.1 36.1

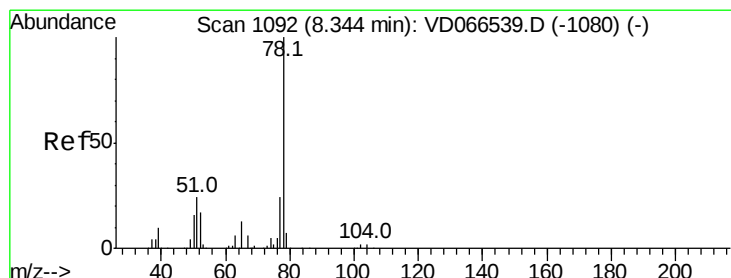
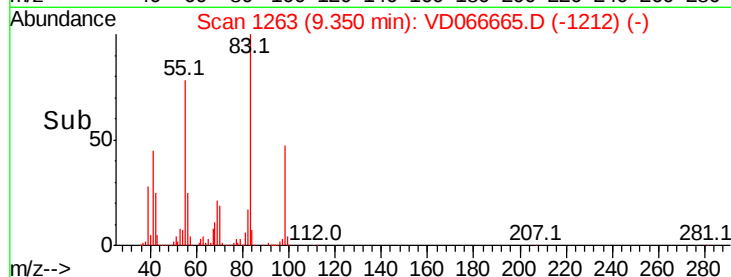
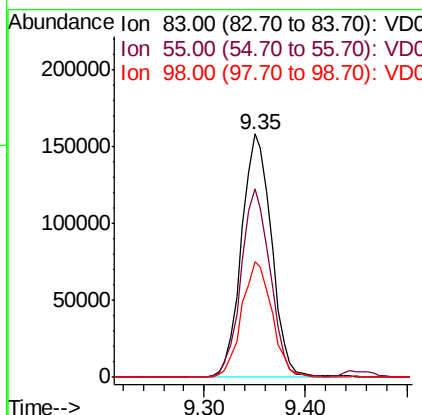
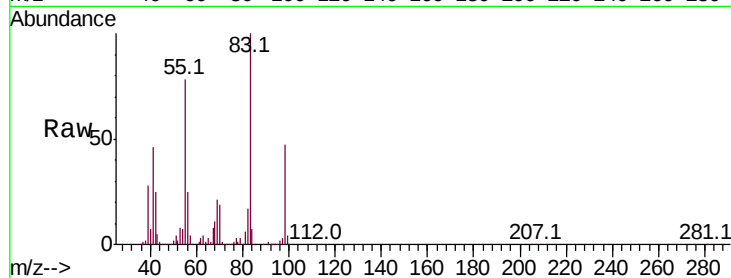




#39
Methvlcvclohexane
Concen: 49.222 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

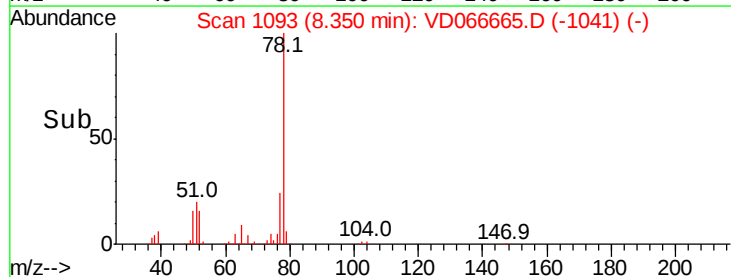
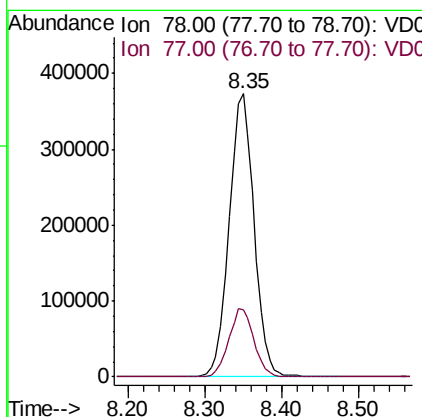
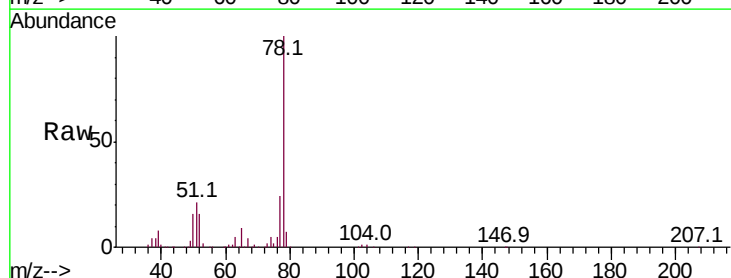
Instrument :
MSVOA_D
ClientSampleId :

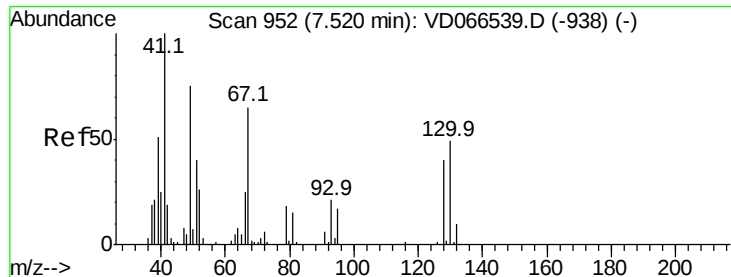
Tot Ion: 83 Resp: 326013
Ion Ratio Lower Upper
83 100
55 77.7 60.8 91.2
98 47.3 38.6 58.0



#40
Benzene
Concen: 51.923 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 78 Resp: 843470
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

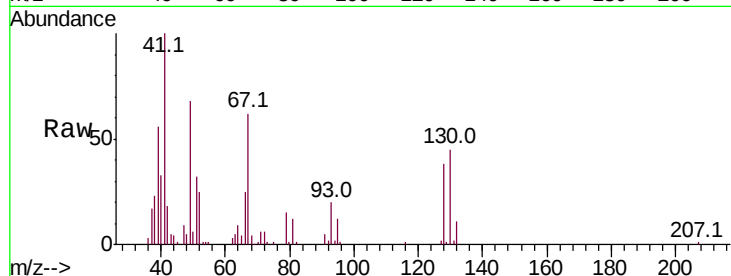




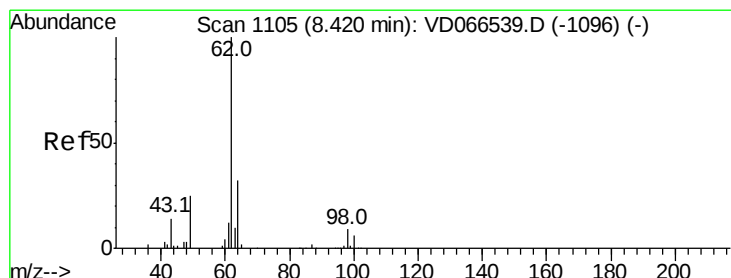
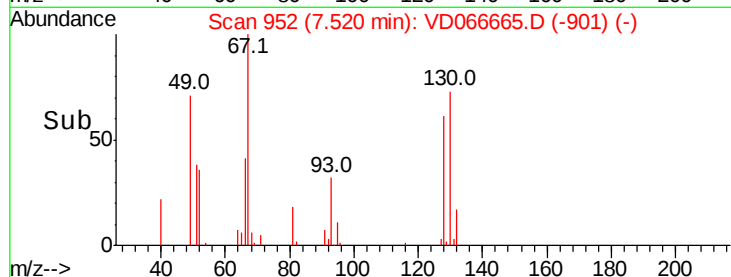
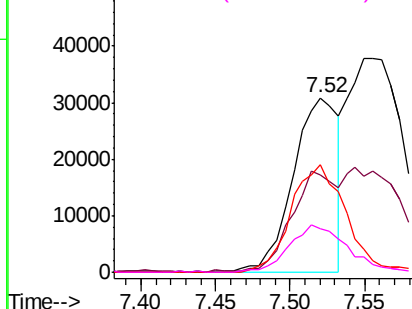
#41
Methacrylonitrile
Concen: 57.145 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 65332
Ion Ratio Lower Upper
41 100
39 56.5 53.6 80.4
67 75.1 59.2 88.8
52 34.5 26.8 40.2

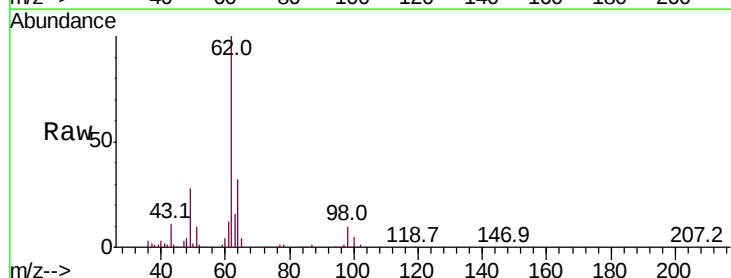


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

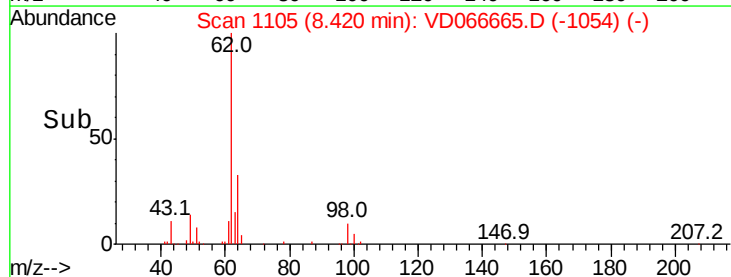
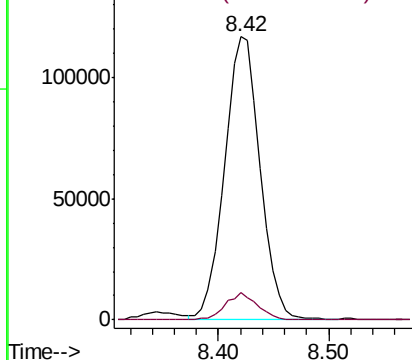


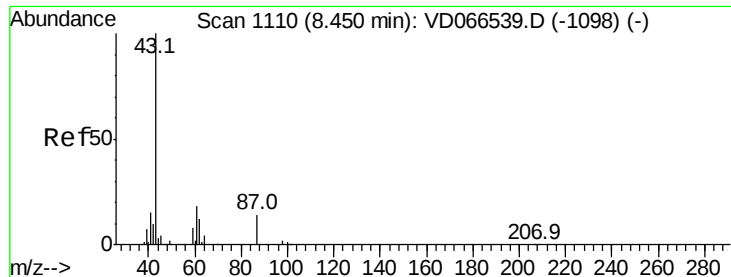
#42
1,2-Dichloroethane
Concen: 49.993 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 62 Resp: 263133
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 50.548 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

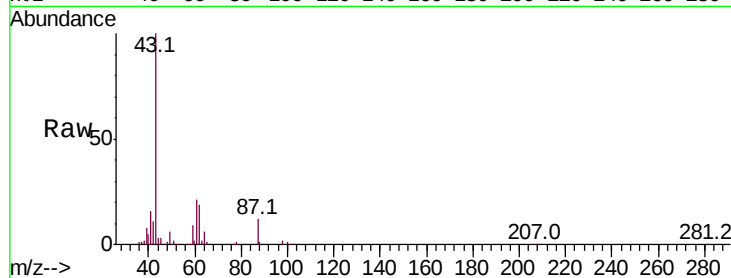
Tot Ion: 43 Resp: 228793

Ion Ratio Lower Upper

43 100

61 31.6 23.8 35.8

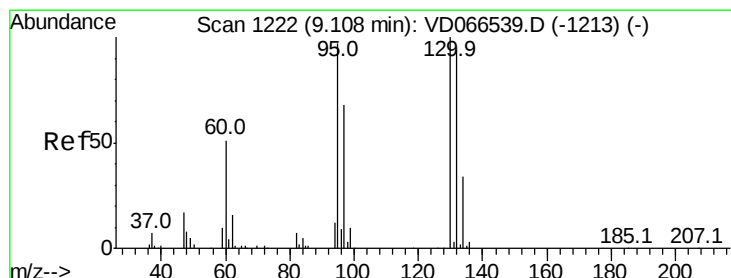
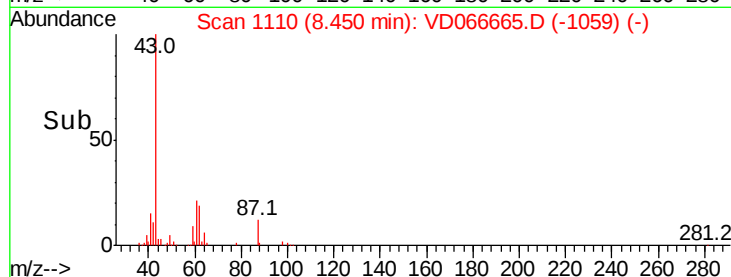
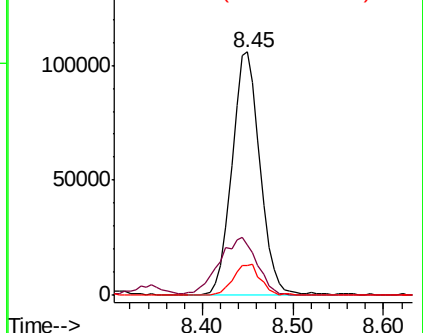
87 12.5 10.7 16.1



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: 50.051 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066665.D

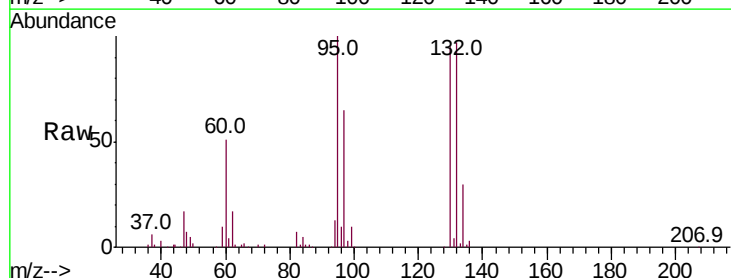
Acq: 12 Sep 2020 00:13

Tgt Ion:130 Resp: 213274

Ion Ratio Lower Upper

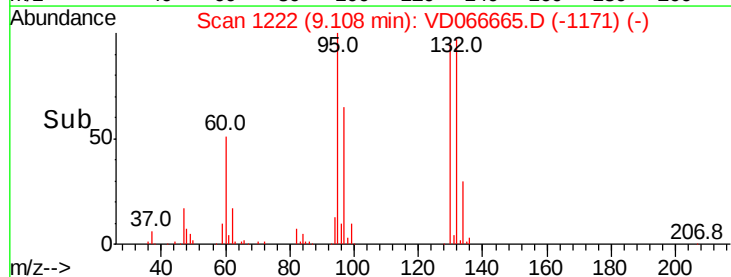
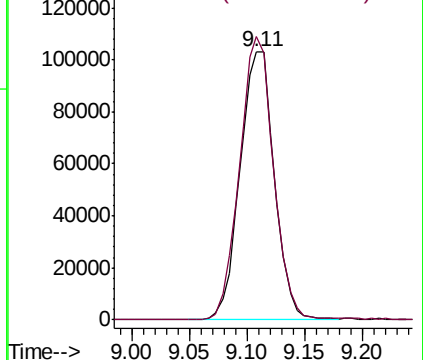
130 100

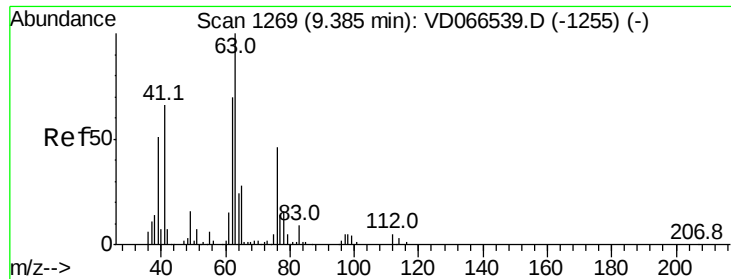
95 105.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.330 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

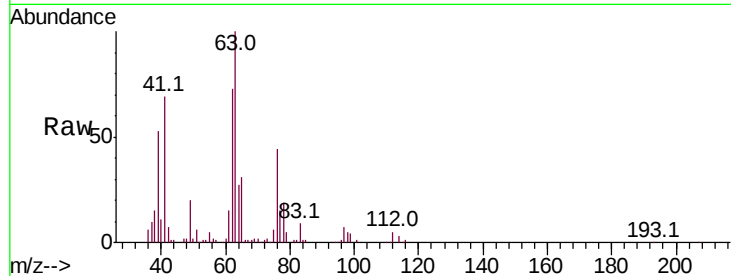
ClientSampled :

Tot Ion: 63 Resp: 209694

Ion Ratio Lower Upper

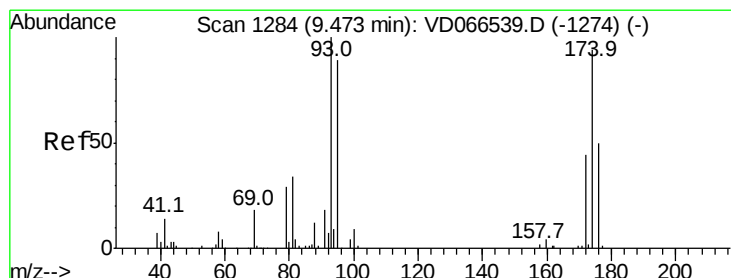
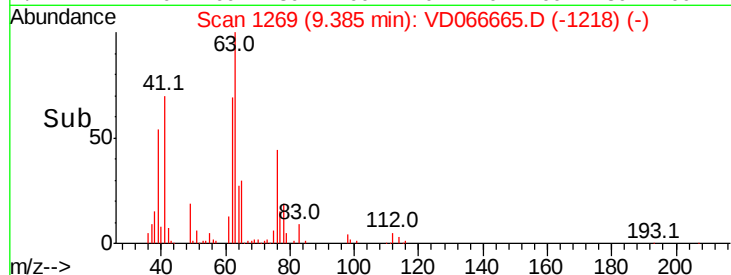
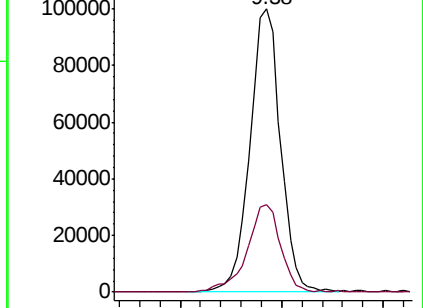
63 100

65 30.7 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.302 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

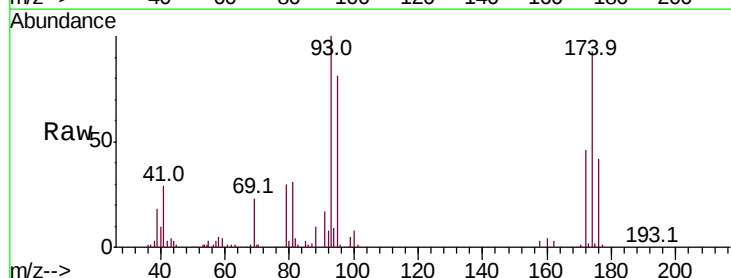
Tgt Ion: 93 Resp: 117882

Ion Ratio Lower Upper

93 100

95 81.7 68.7 103.1

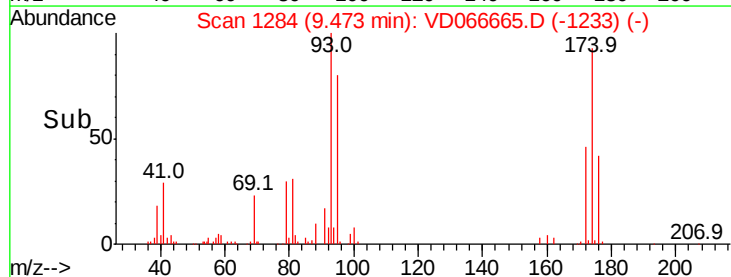
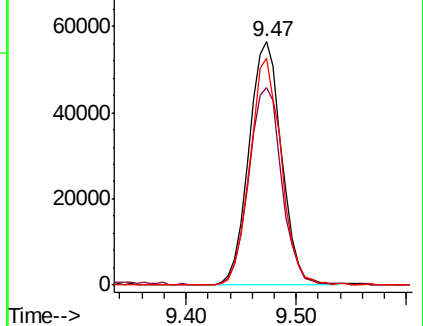
174 89.1 70.0 105.0

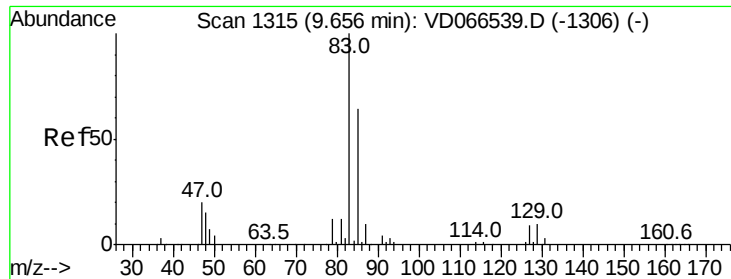


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.966 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

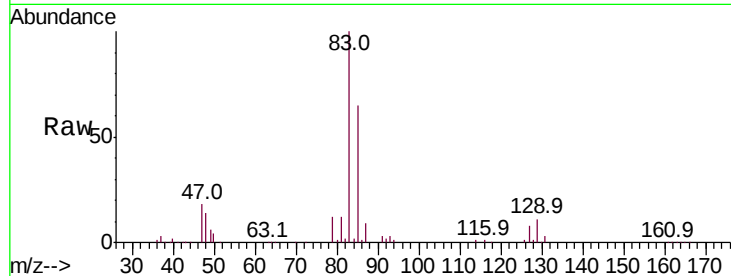
Tot Ion: 83 Resp: 316886

Ion Ratio Lower Upper

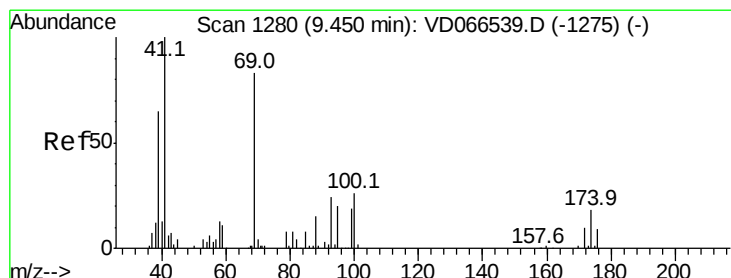
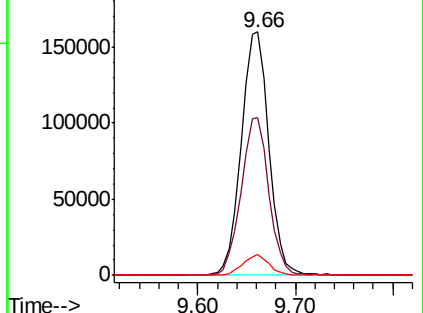
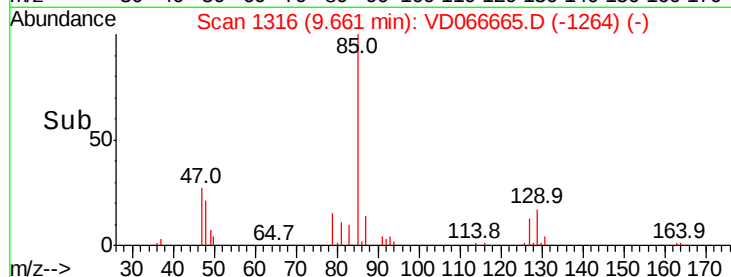
83 100

85 64.7 51.1 76.7

127 8.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 51.807 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

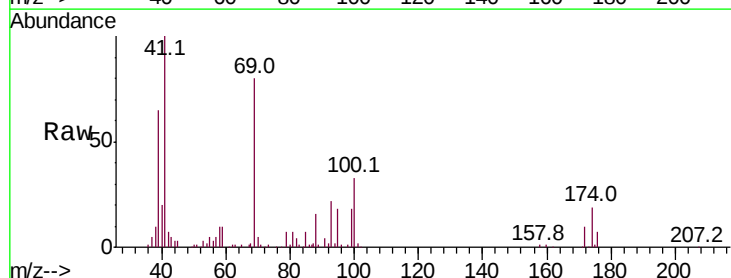
Tgt Ion: 41 Resp: 118571

Ion Ratio Lower Upper

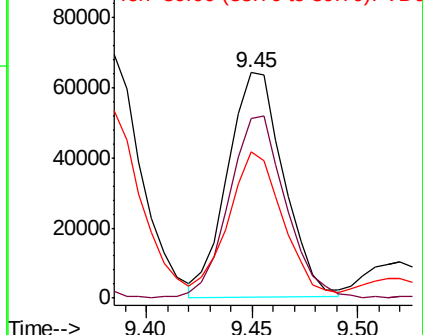
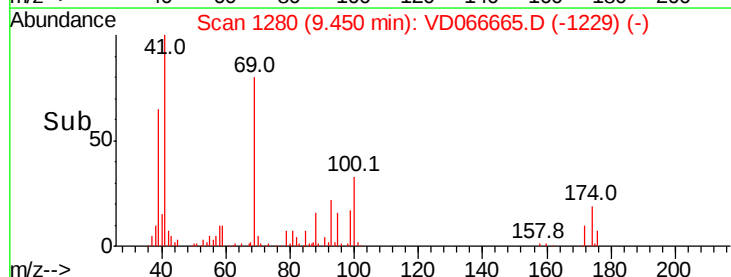
41 100

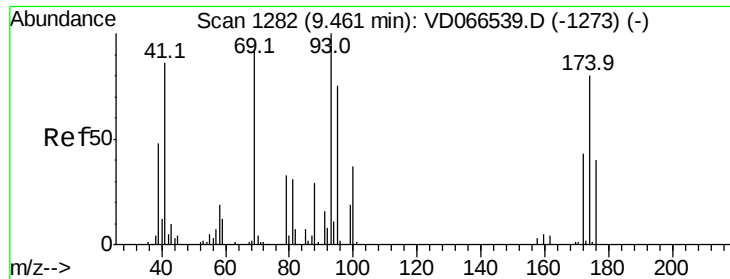
69 82.4 64.5 96.7

39 63.8 46.6 69.8



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

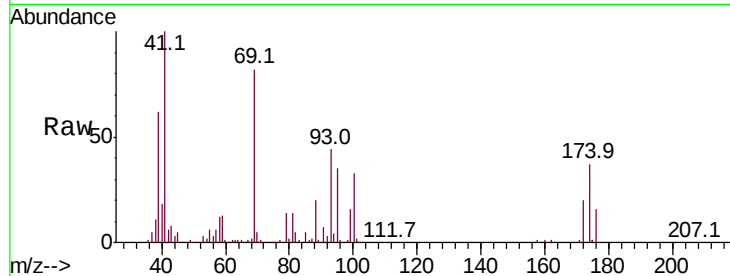




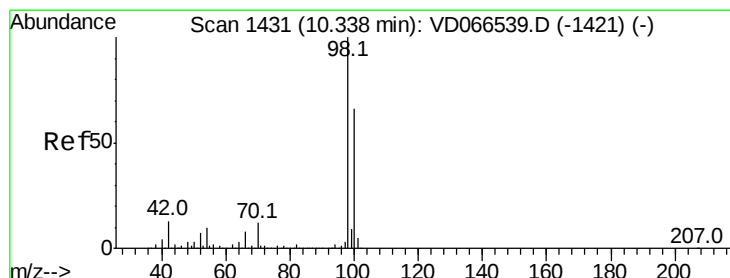
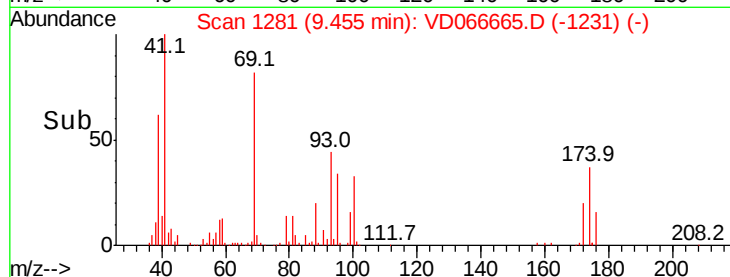
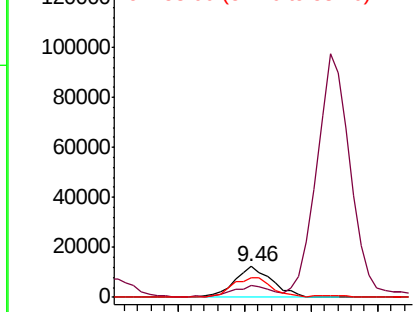
#49
1,4-Dioxane
Concen: 988.808 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 24450
Ion Ratio Lower Upper
88 100
43 40.4 28.3 42.5
58 67.4 56.1 84.1

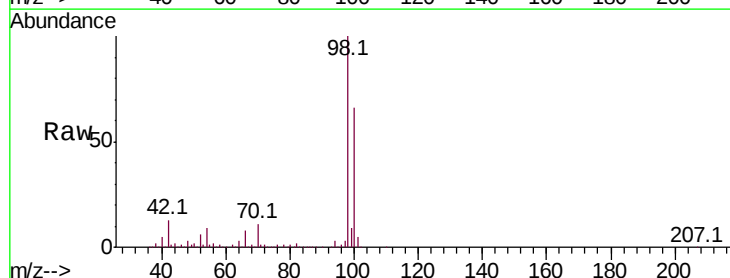


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

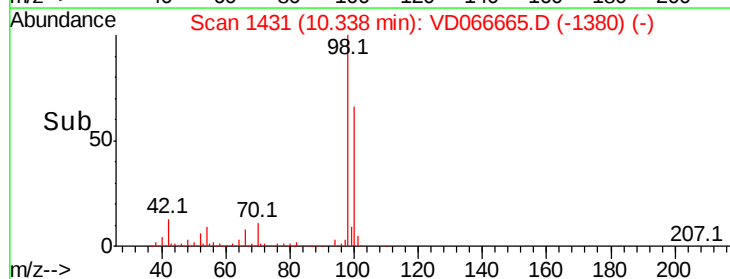
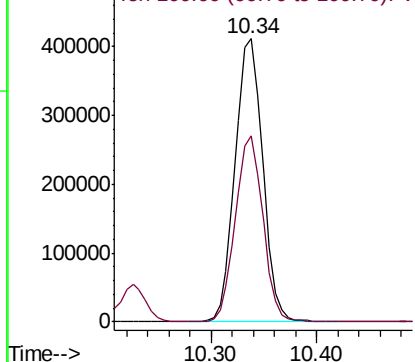


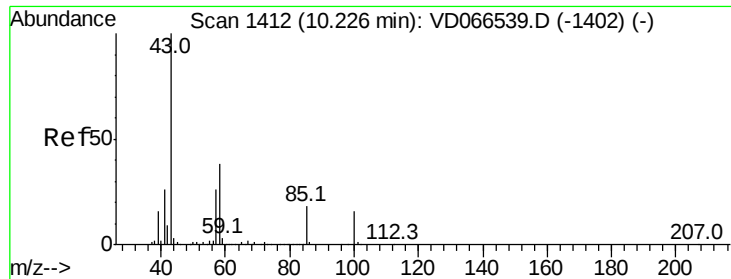
#50
Toluene-d8
Concen: 54.297 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 98 Resp: 746153
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 264.179 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

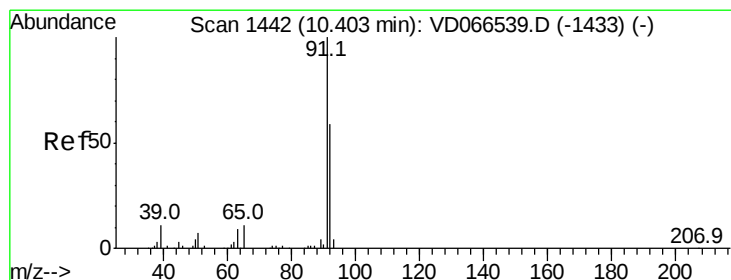
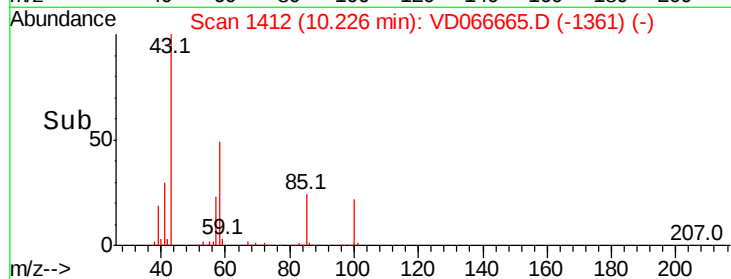
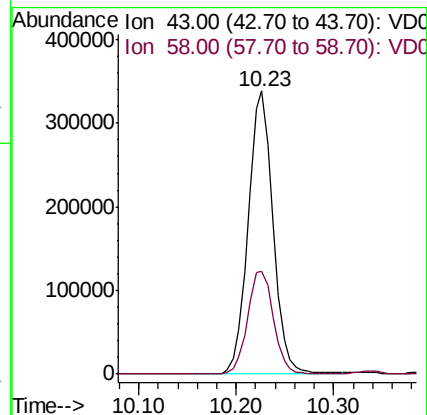
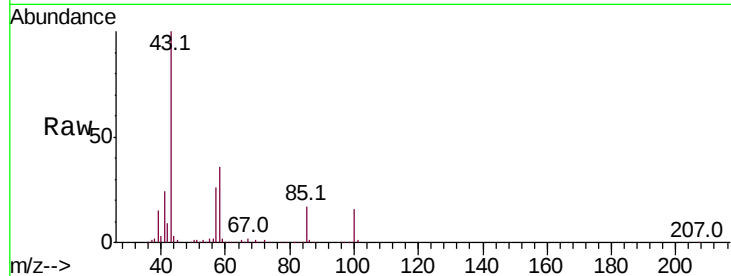
ClientSampleId :

Tot Ion: 43 Resp: 603042

Ion Ratio Lower Upper

43 100

58 37.9 30.5 45.7



#52

Toluene

Concen: 52.447 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066665.D

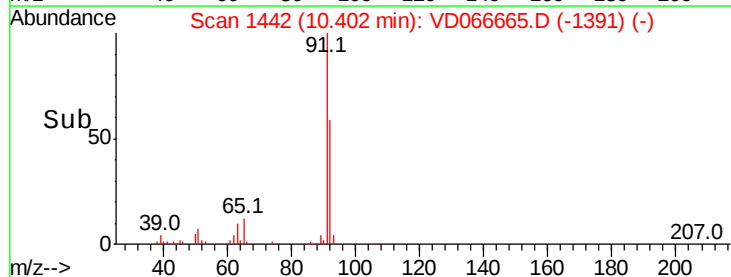
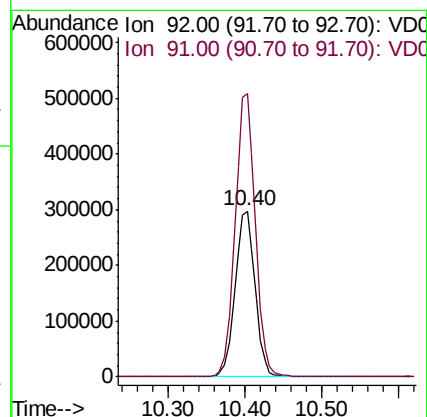
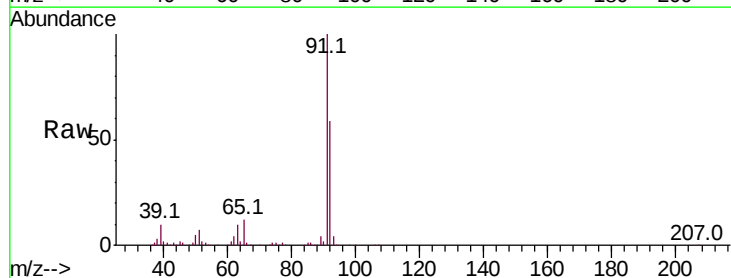
Acq: 12 Sep 2020 00:13

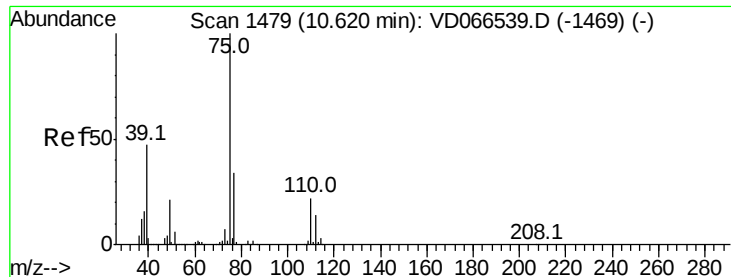
Tgt Ion: 92 Resp: 539315

Ion Ratio Lower Upper

92 100

91 172.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 52.956 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

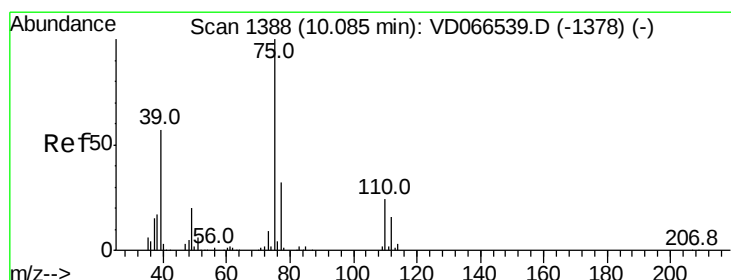
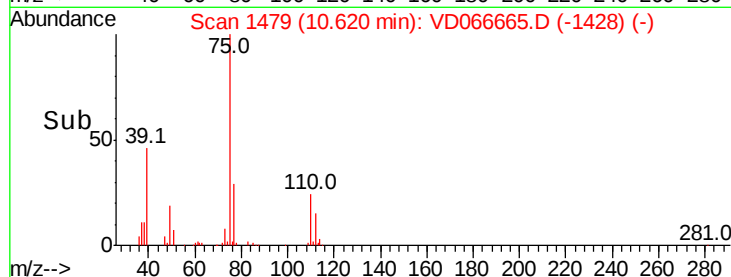
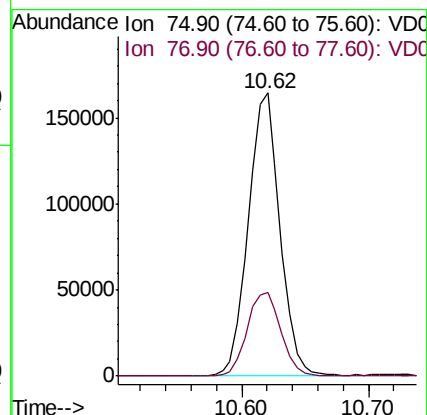
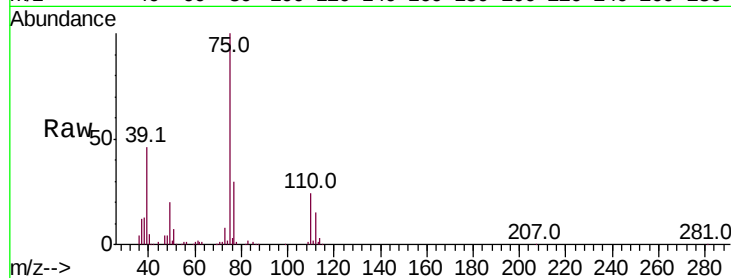
ClientSampleId :

Tot Ion: 75 Resp: 285067

Ion Ratio Lower Upper

75 100

77 29.6 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 50.684 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

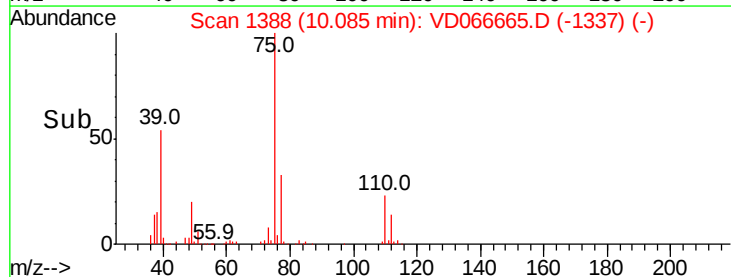
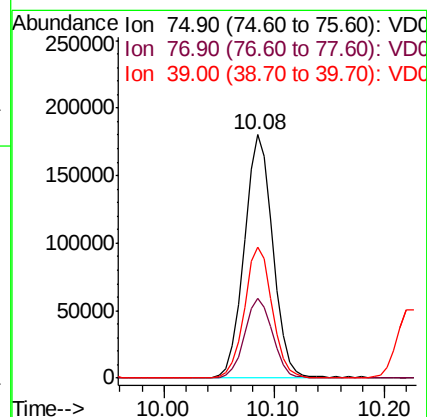
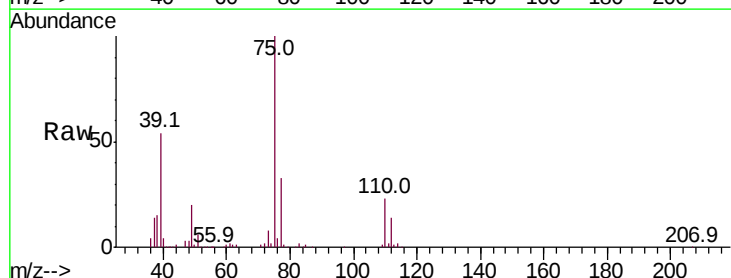
Tgt Ion: 75 Resp: 327645

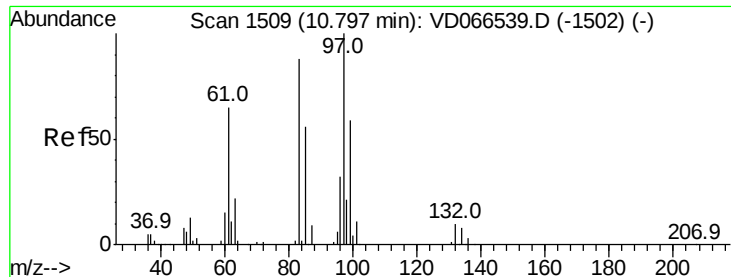
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 53.9 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 54.606 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 158243

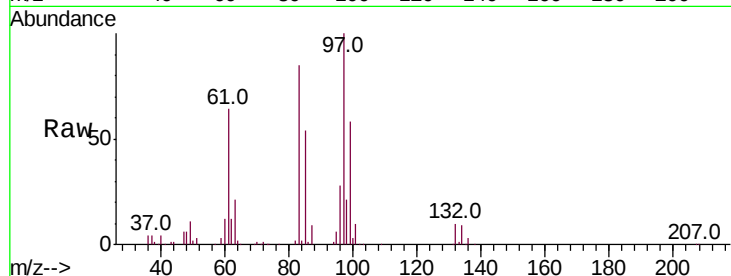
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.1	105.1
85	53.8	44.5	66.7
99	57.8	47.1	70.7

97 100

83 84.8 70.1 105.1

85 53.8 44.5 66.7

99 57.8 47.1 70.7

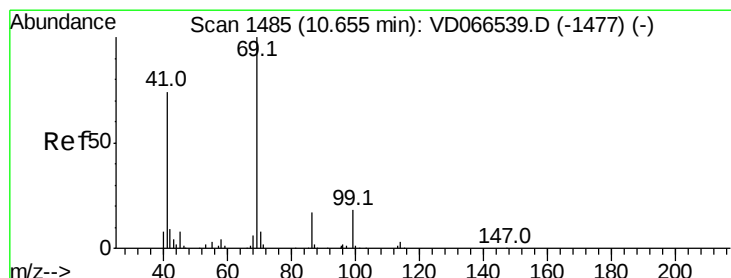
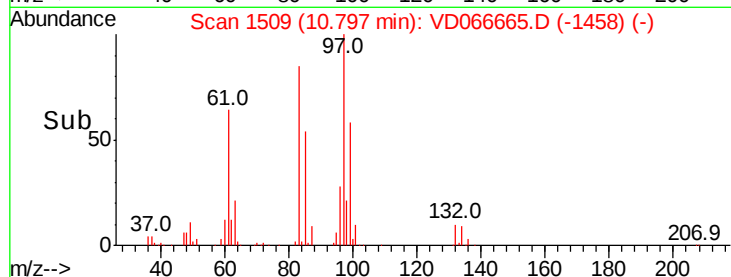
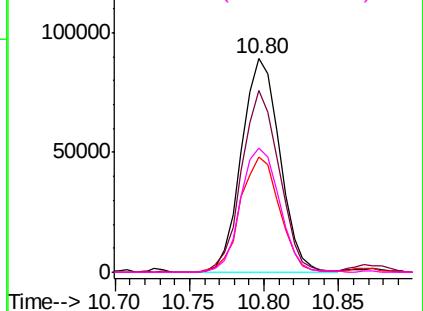


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 54.389 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

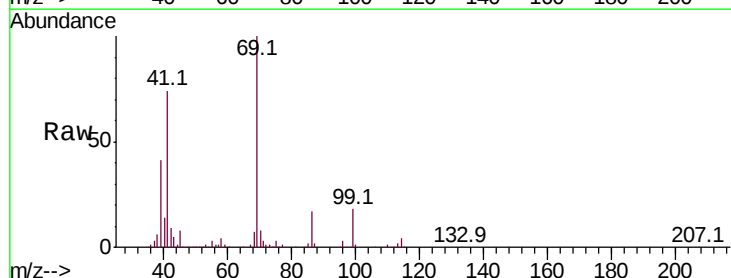
Tgt Ion: 69 Resp: 183516

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.8	85.2
39	36.3	30.6	46.0

69 100

41 70.6 56.8 85.2

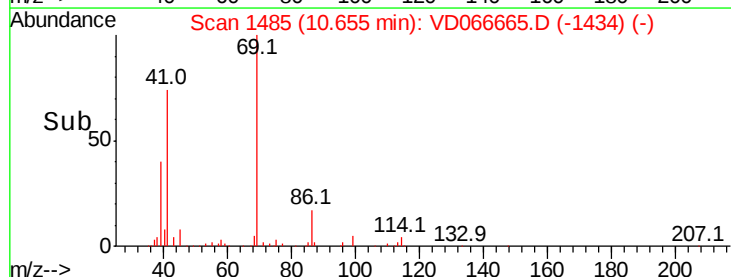
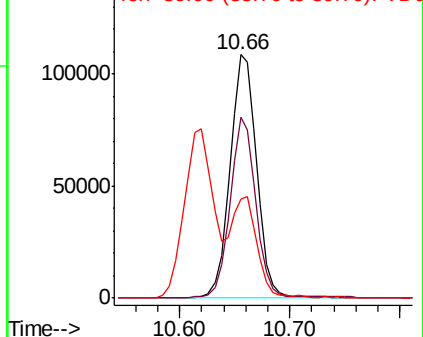
39 36.3 30.6 46.0

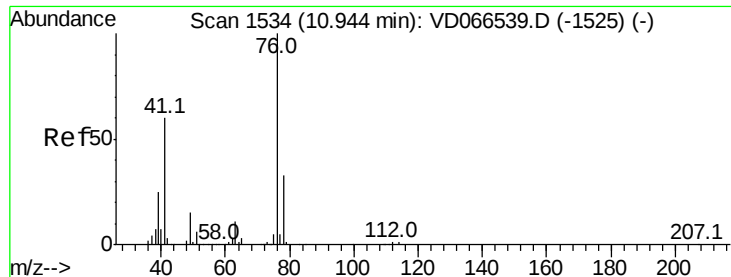


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.690 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

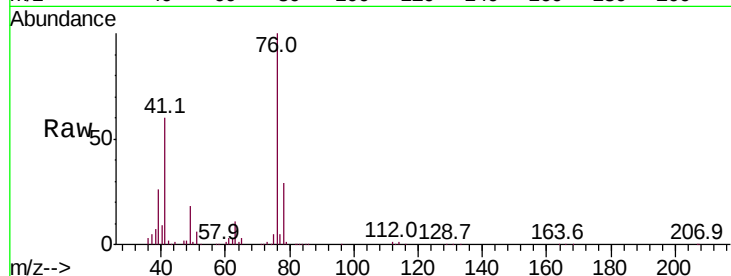
ClientSampleId :

Tot Ion: 76 Resp: 272528

Ion Ratio Lower Upper

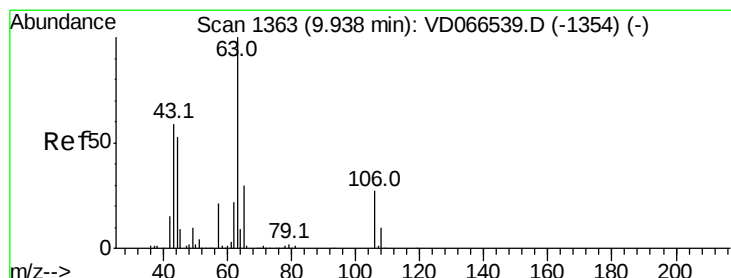
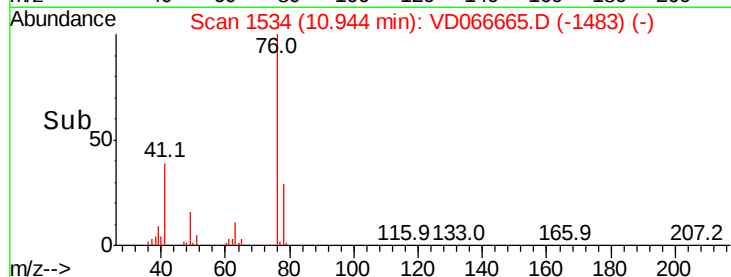
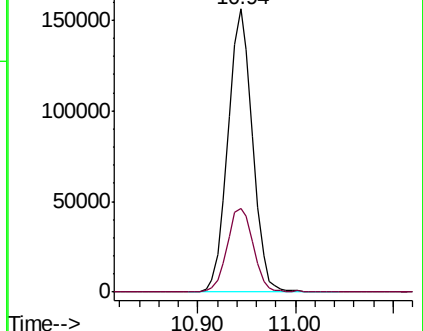
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 273.786 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066665.D

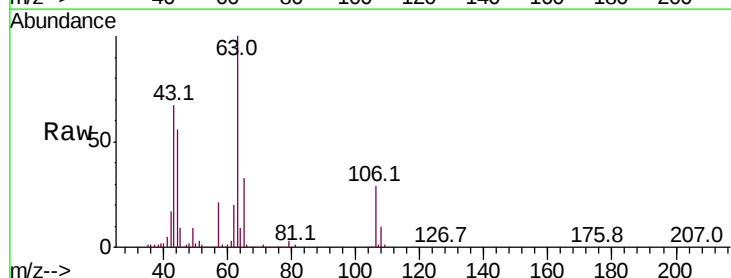
Acq: 12 Sep 2020 00:13

Tgt Ion: 63 Resp: 422541

Ion Ratio Lower Upper

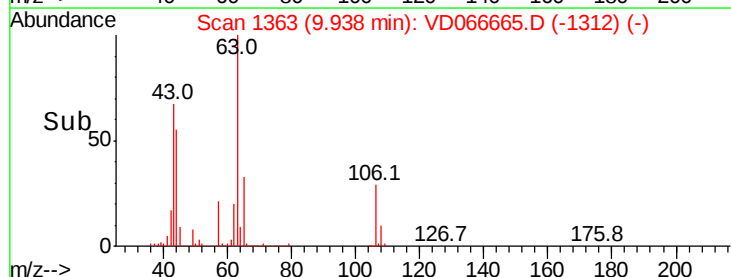
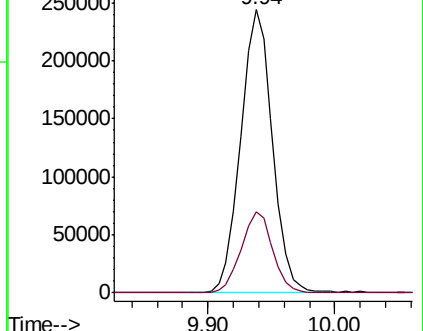
63 100

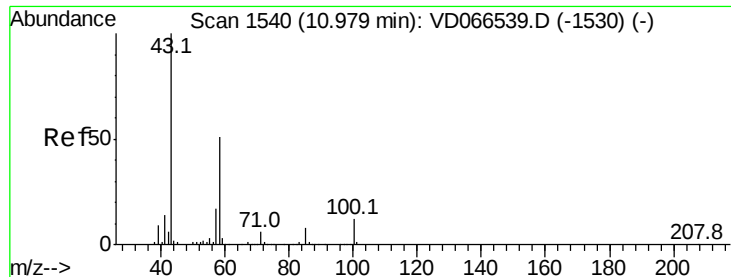
106 28.5 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

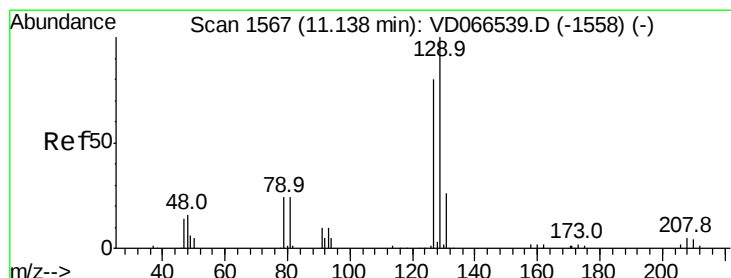
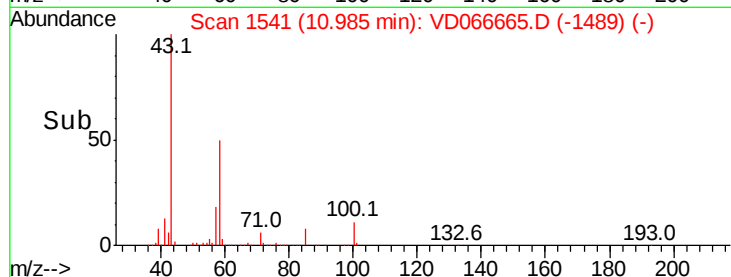
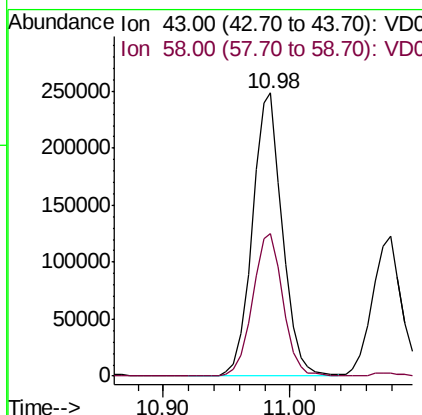
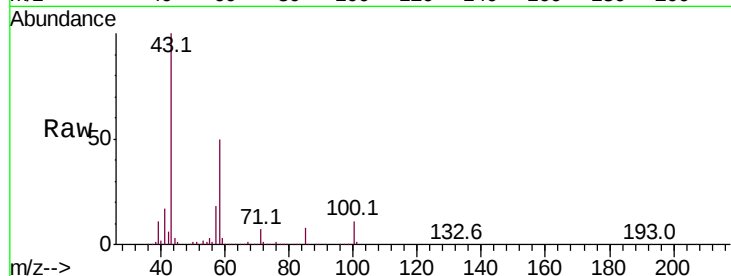




#59
2-Hexanone
Concen: 266.180 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

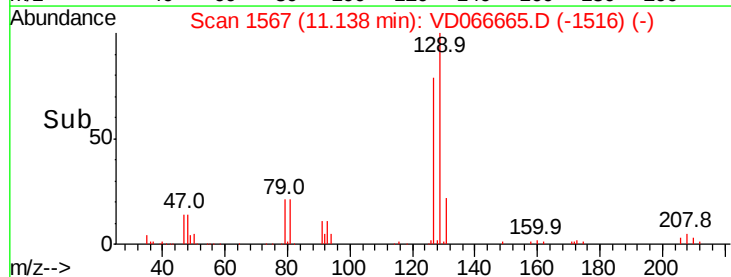
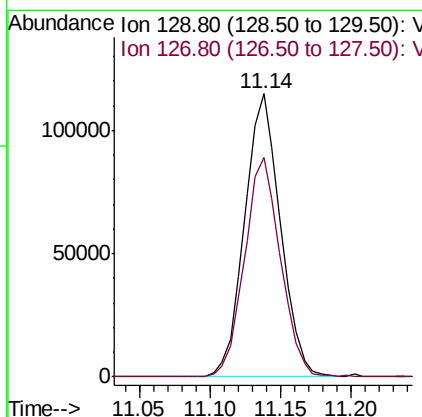
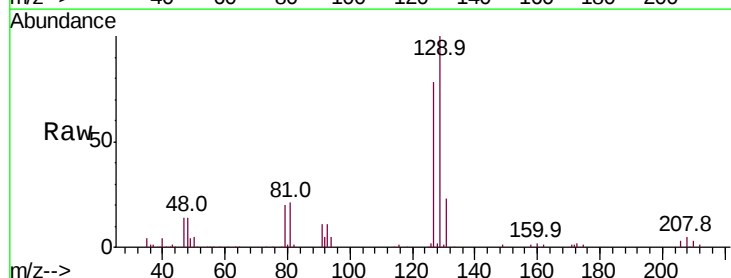
Instrument :
MSVOA_D
ClientSampleId :

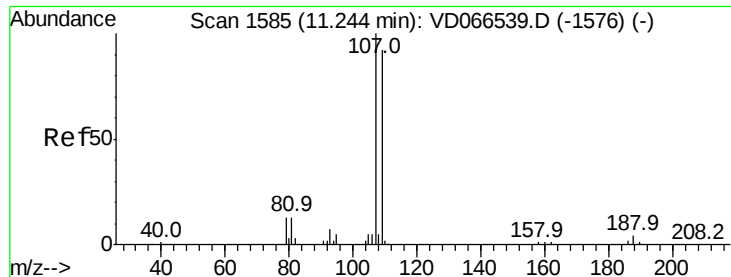
Tot Ion: 43 Resp: 408606
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.8



#60
Dibromochloromethane
Concen: 53.376 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion:129 Resp: 204540
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.3

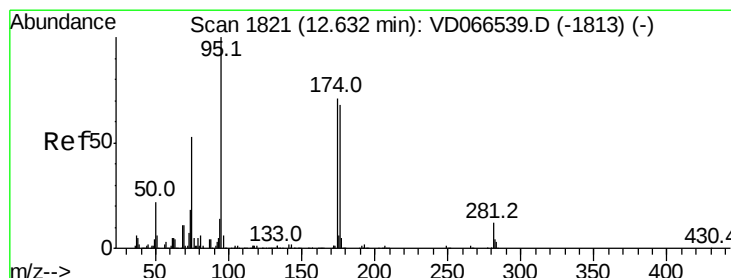
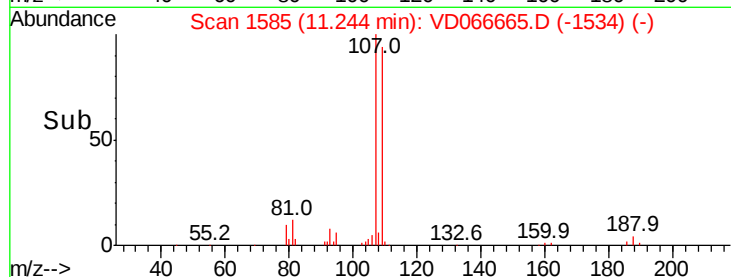
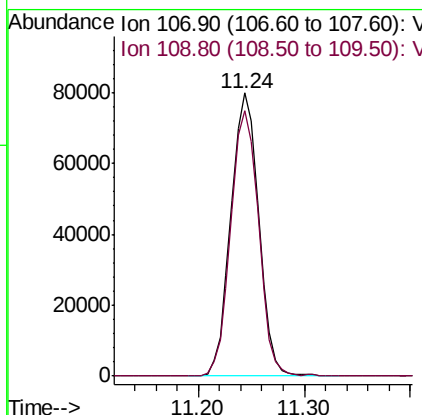
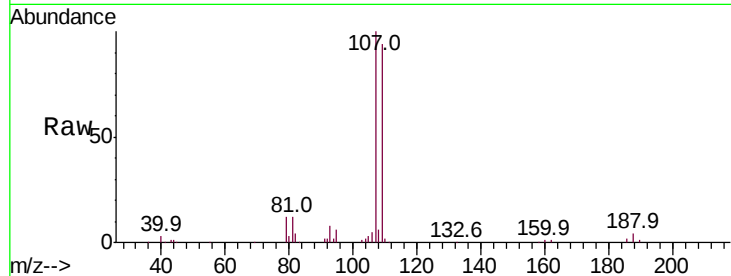




#61
 1,2-Dibromoethane
 Concen: 51.722 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

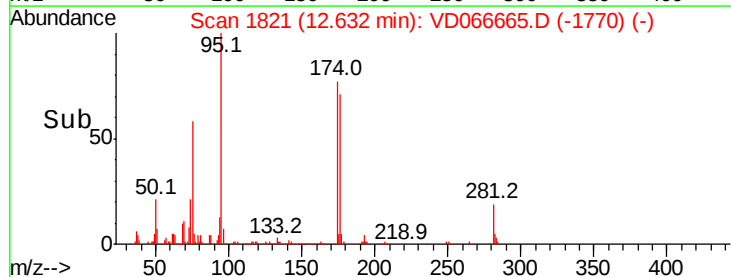
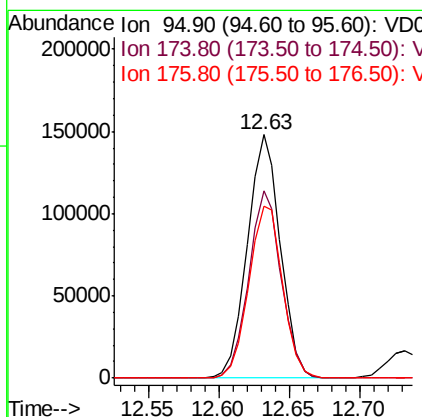
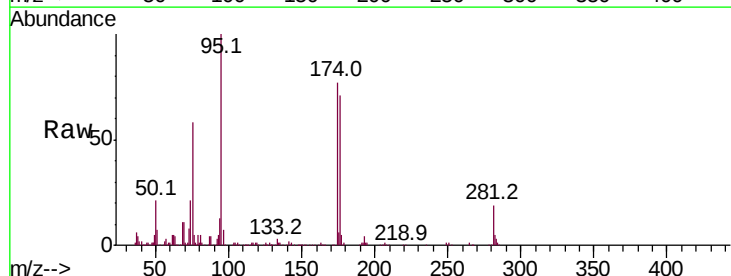
Instrument :
 MSVOA_D
 ClientSampleId :

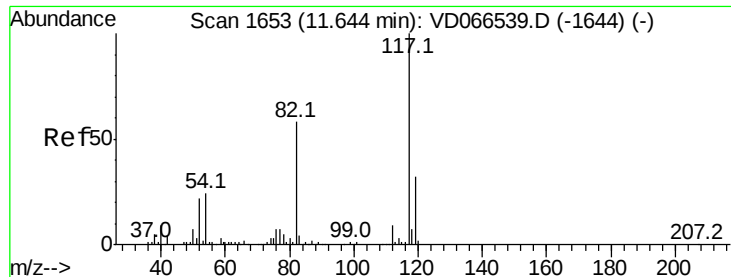
Tot Ion:107 Resp: 145821
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.234 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

Tgt Ion: 95 Resp: 242576
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 155.8
 176 72.7 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

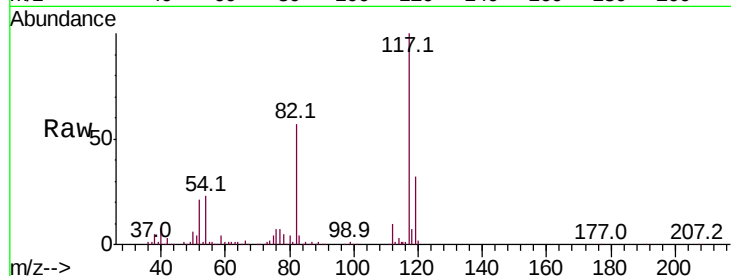
Tot Ion:117 Resp: 530870

Ion Ratio Lower Upper

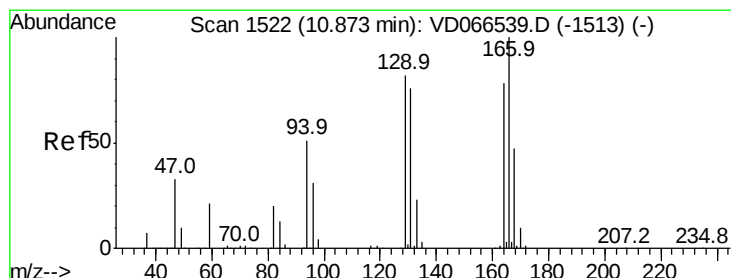
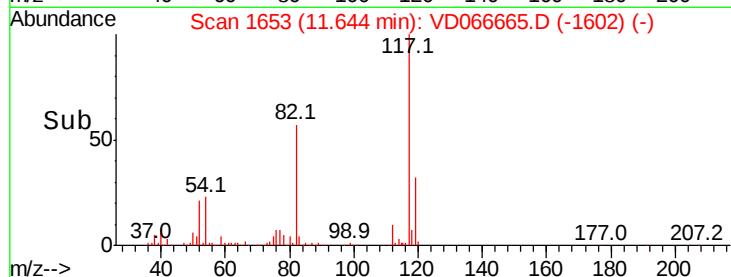
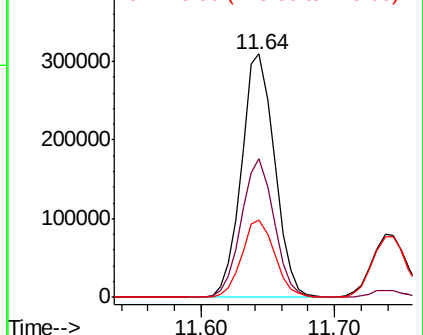
117 100

82 56.7 46.2 69.2

119 31.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 55.451 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Tgt Ion:164 Resp: 198204

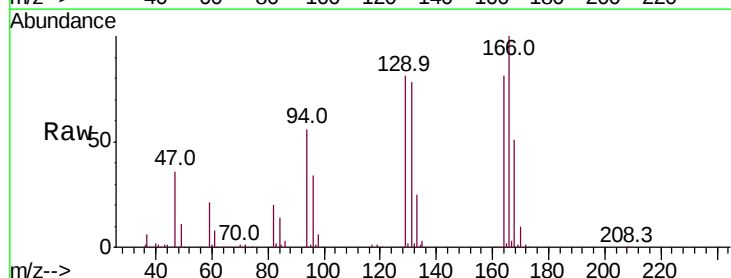
Ion Ratio Lower Upper

164 100

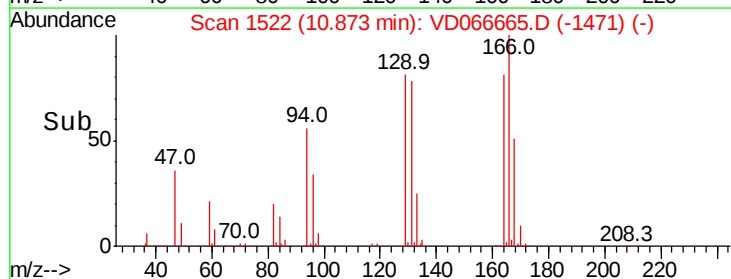
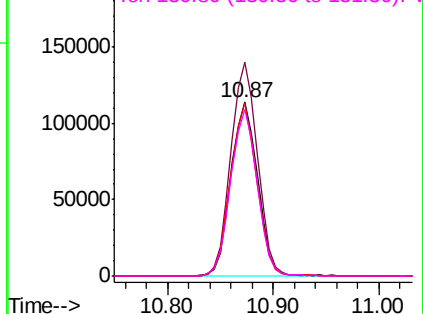
166 122.8 103.2 154.8

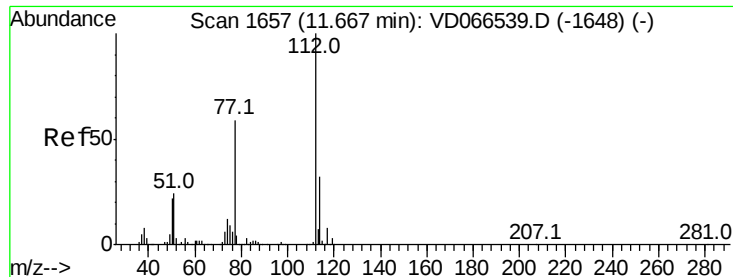
129 99.2 84.5 126.7

131 95.5 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

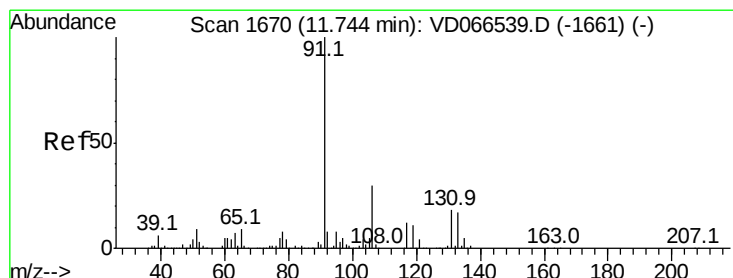
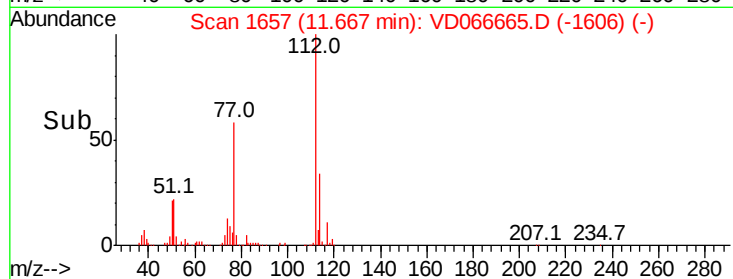
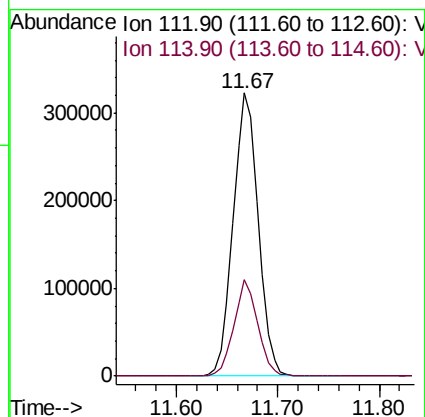
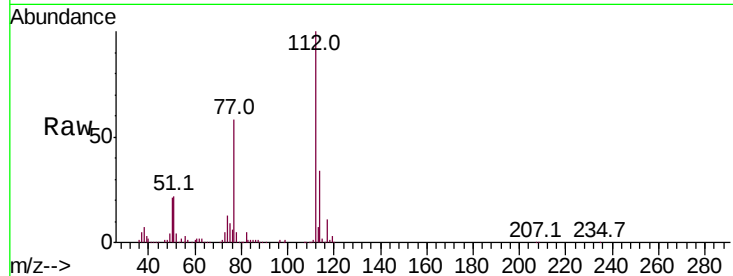




#65
Chlorobenzene
Concen: 50.593 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

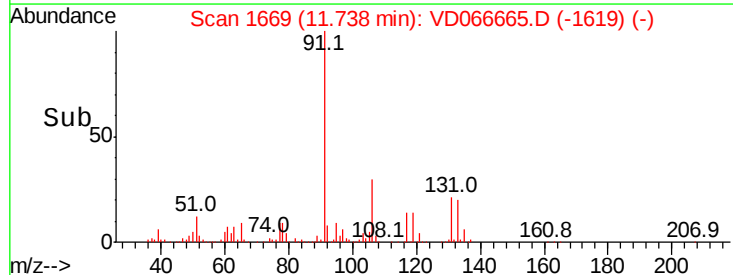
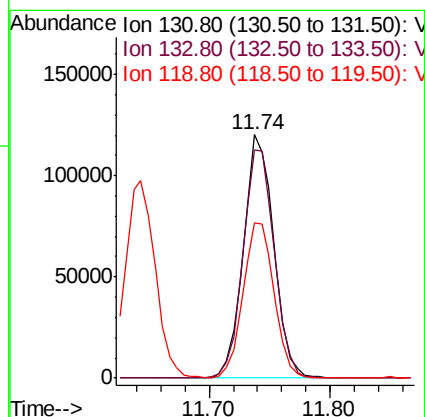
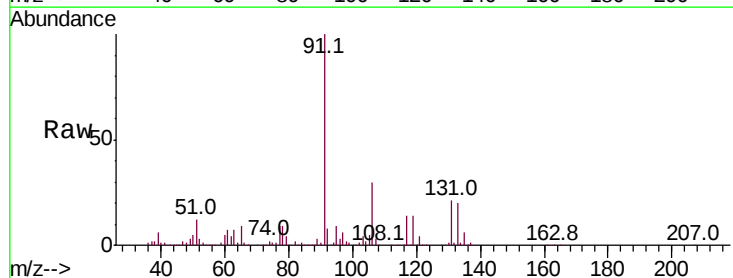
Instrument :
MSVOA_D
ClientSampleId :

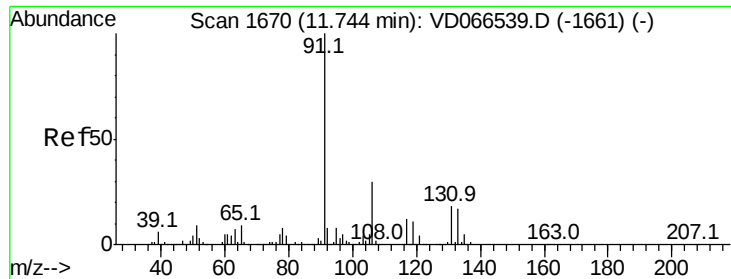
Tot Ion:112 Resp: 554336
Ion Ratio Lower Upper
112 100
114 34.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.526 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion:131 Resp: 211284
Ion Ratio Lower Upper
131 100
133 96.7 46.7 140.0
119 65.1 31.9 95.7

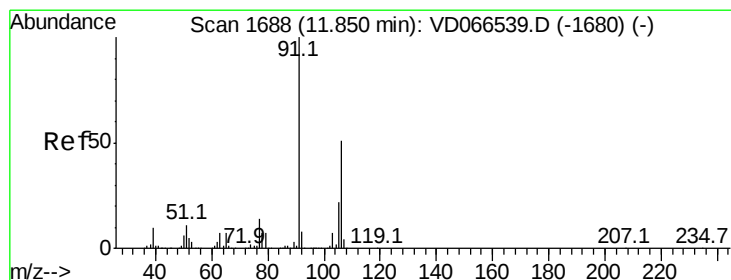
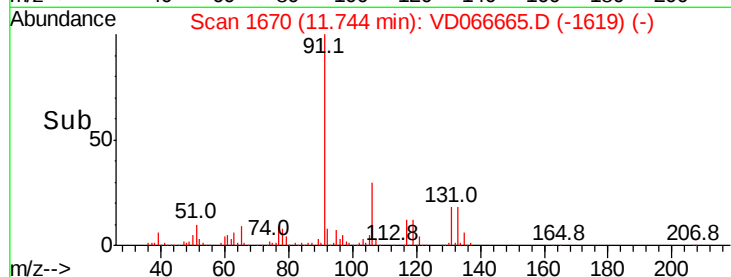
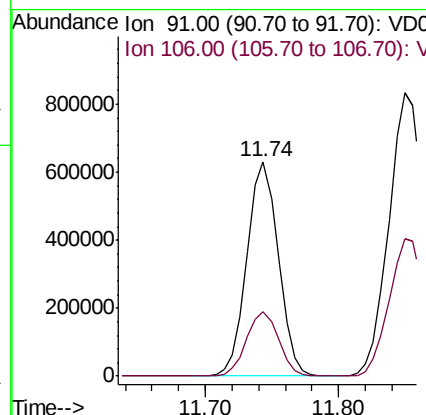
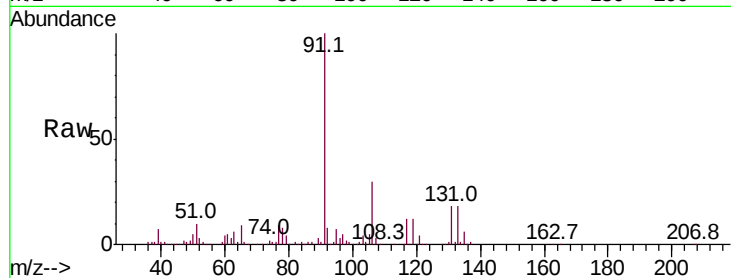




#67
Ethyl Benzene
Concen: 51.025 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

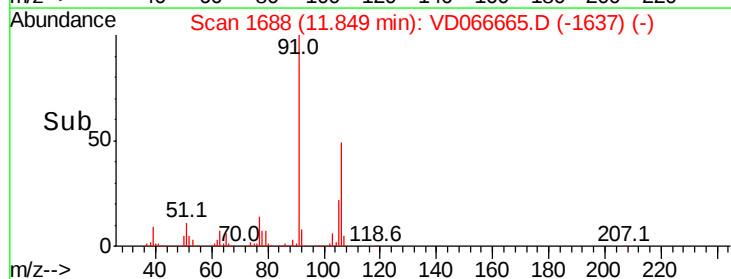
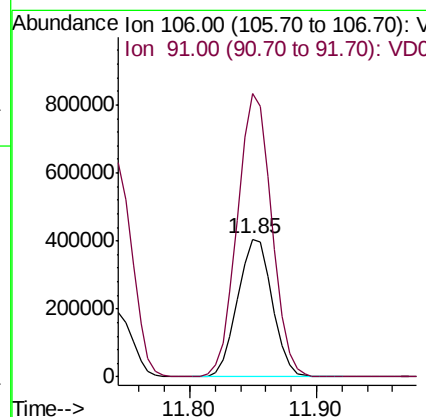
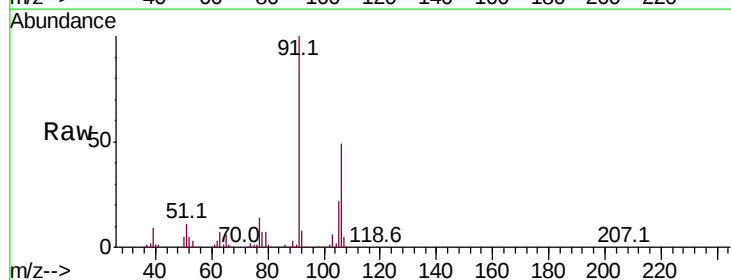
Instrument :
MSVOA_D
ClientSampled :

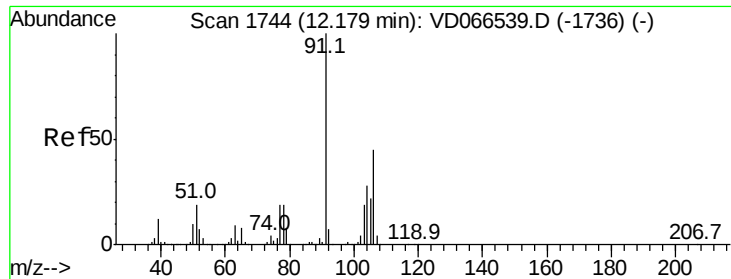
Tot Ion: 91 Resp: 1026560
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 102.807 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion:106 Resp: 767984
Ion Ratio Lower Upper
106 100
91 203.8 162.4 243.6

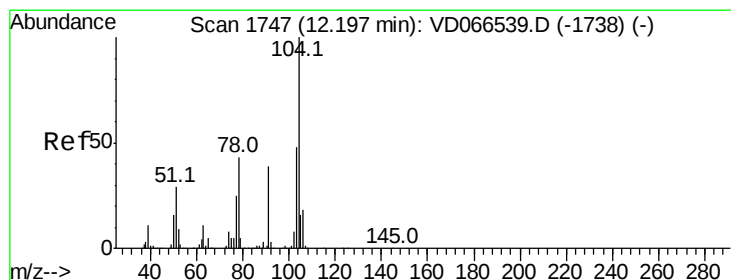
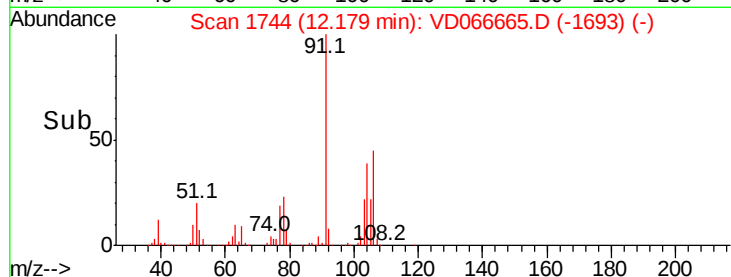
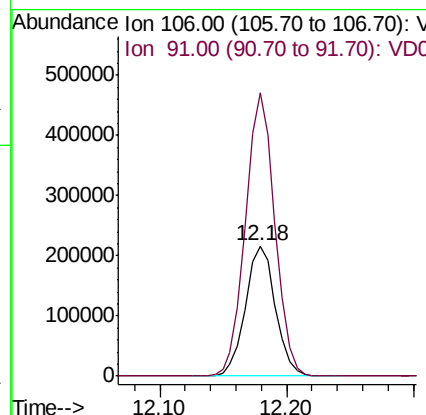
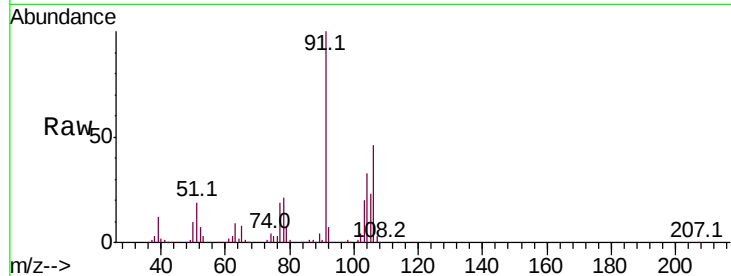




#69
o-Xylene
Concen: 52.855 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

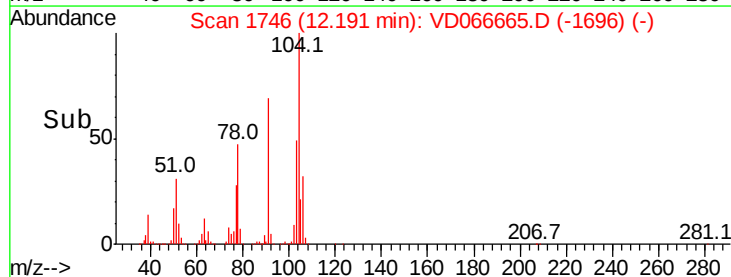
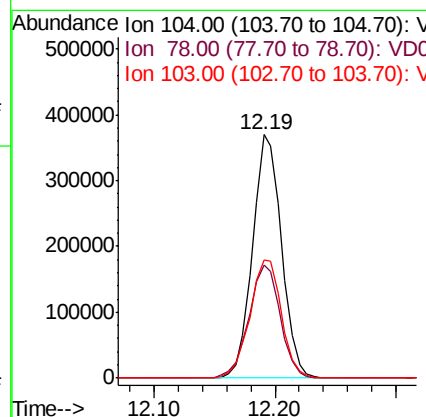
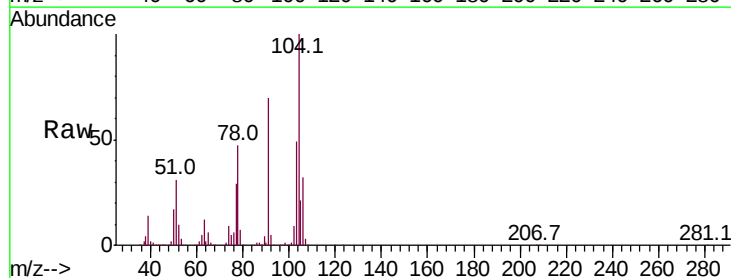
Instrument :
MSVOA_D
ClientSampled :

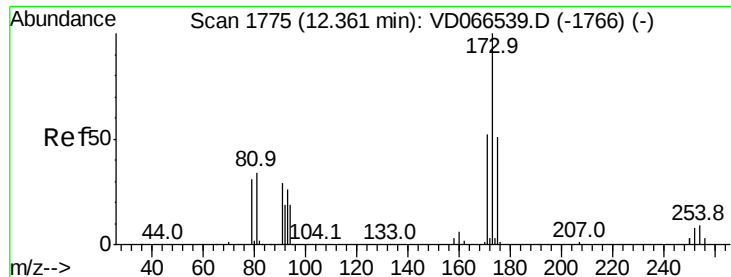
Tot Ion:106 Resp: 353846
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.8



#70
Styrene
Concen: 53.087 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion:104 Resp: 617873
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 53.3 42.9 64.3





#71

Bromoform

Concen: 50.306 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

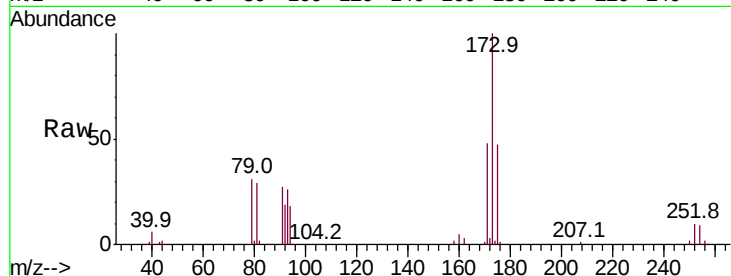
Tot Ion:173 Resp: 106016

Ion Ratio Lower Upper

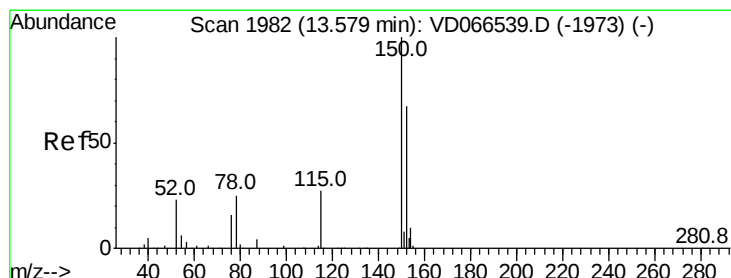
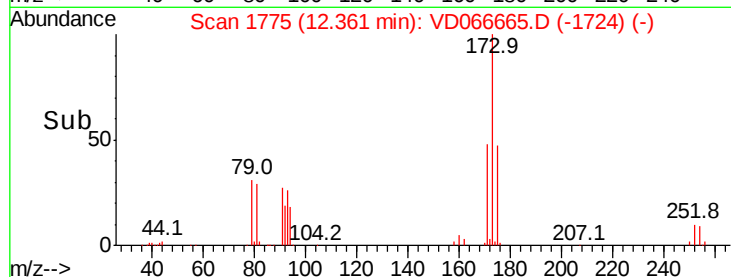
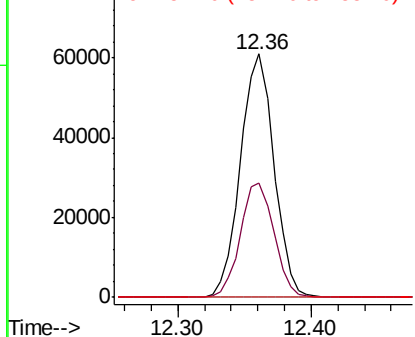
173 100

175 47.1 24.2 72.6

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

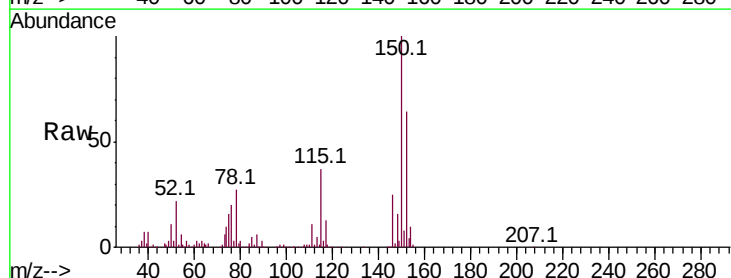
Tgt Ion:152 Resp: 232929

Ion Ratio Lower Upper

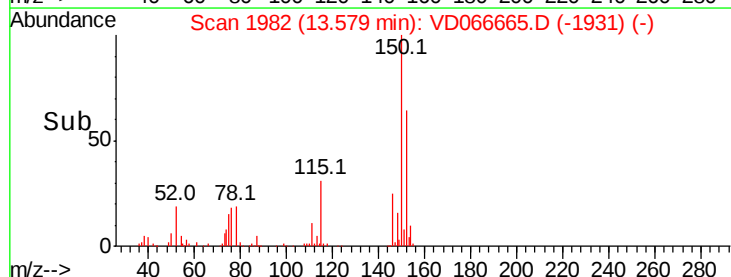
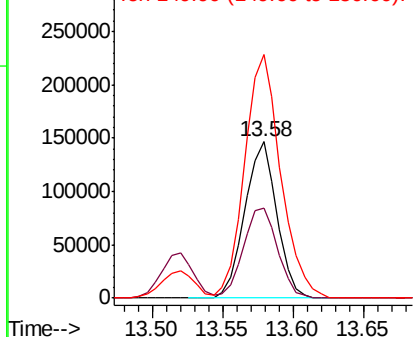
152 100

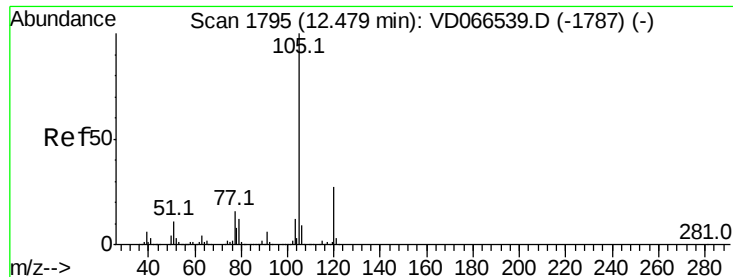
115 61.8 30.4 91.2

150 175.2 0.0 345.8



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





#73

Isopropylbenzene

Concen: 56.143 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

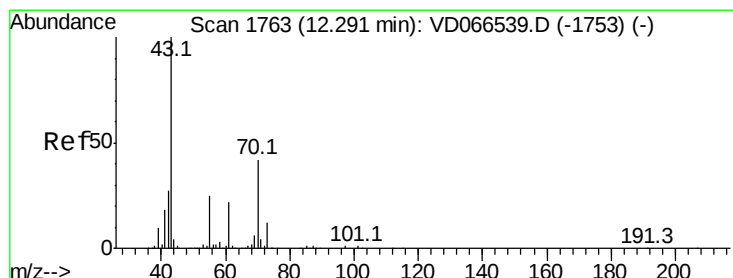
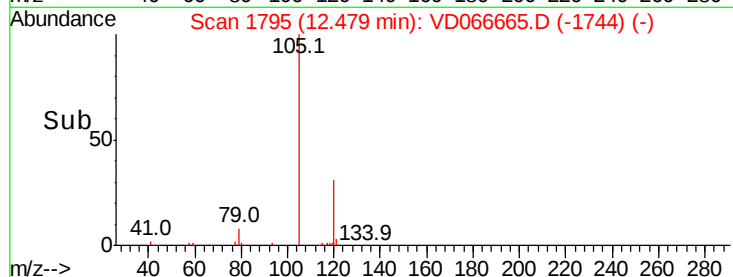
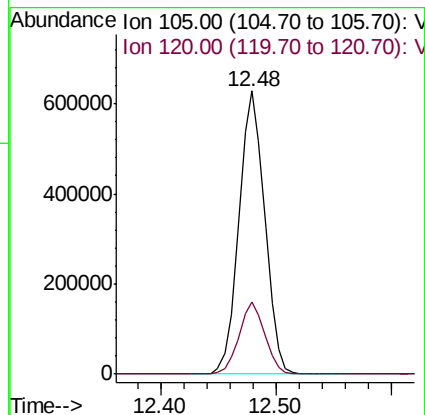
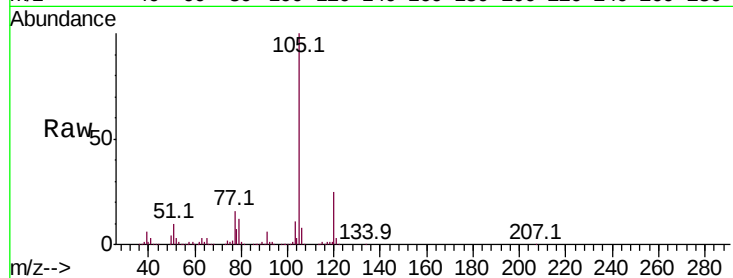
ClientSampleId :

Tot Ion:105 Resp: 968231

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



#74

N-ethyl acetate

Concen: 54.041 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Tgt Ion: 43 Resp: 211083

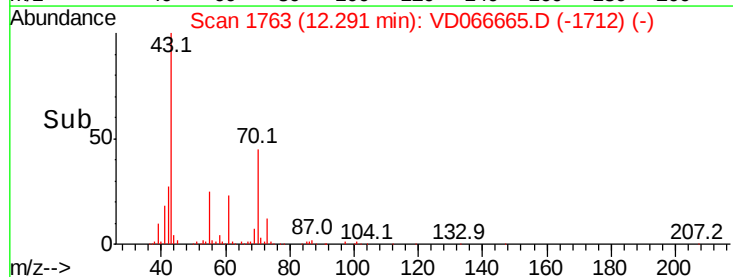
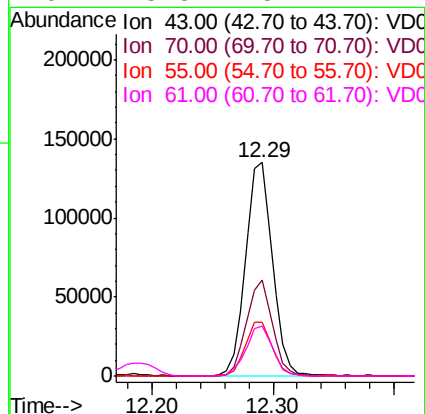
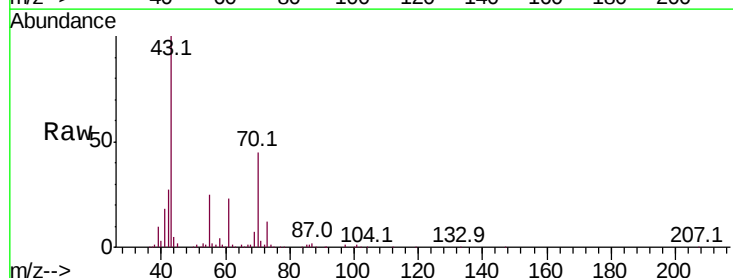
Ion Ratio Lower Upper

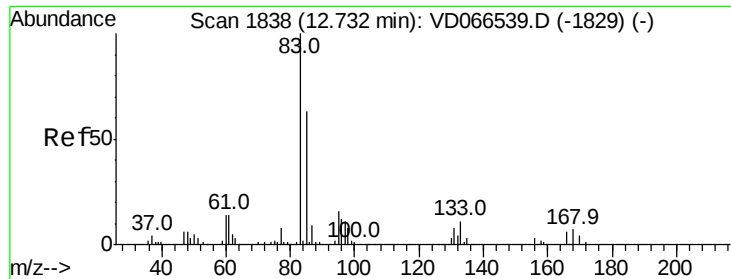
43 100

70 43.3 33.4 50.2

55 25.8 20.1 30.1

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.039 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

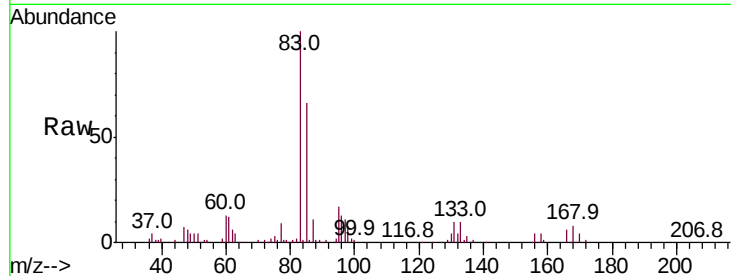
Tot Ion: 83 Resp: 167690

Ion Ratio Lower Upper

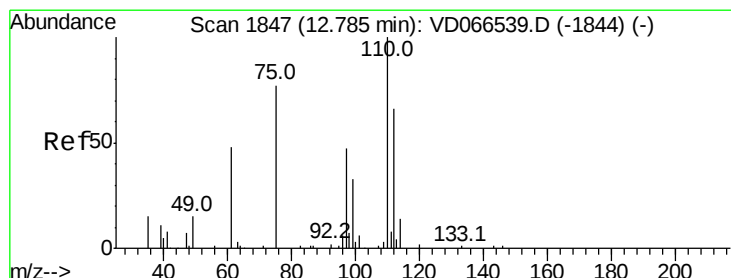
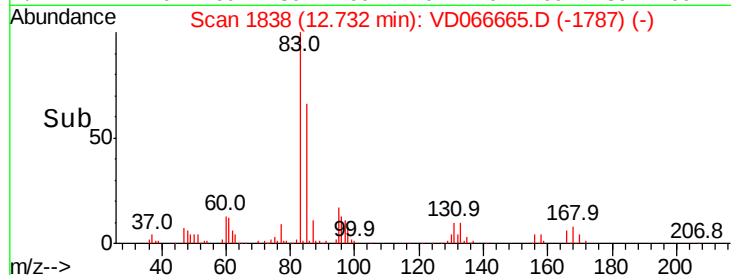
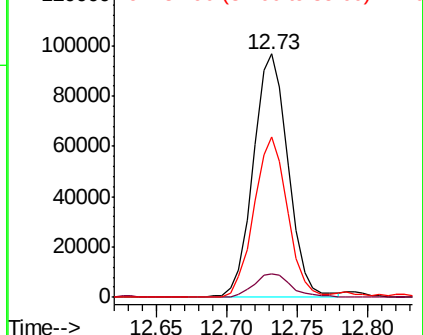
83 100

131 10.7 5.0 15.0

85 63.5 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 98.810 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066665.D

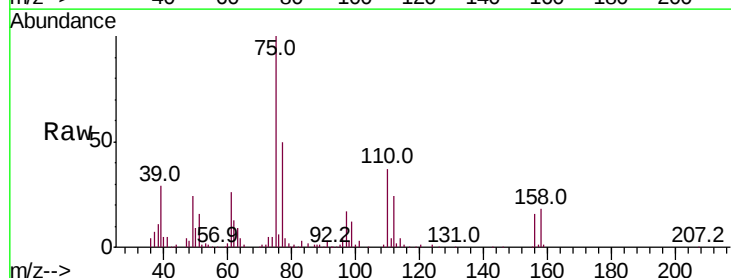
Acq: 12 Sep 2020 00:13

Tgt Ion: 75 Resp: 221349

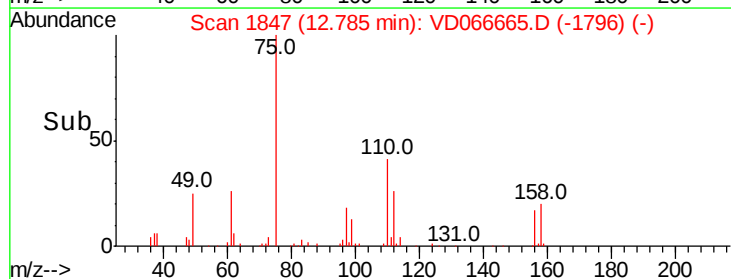
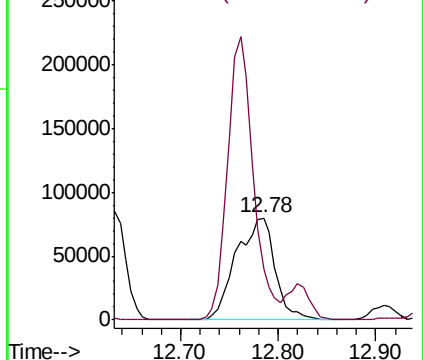
Ion Ratio Lower Upper

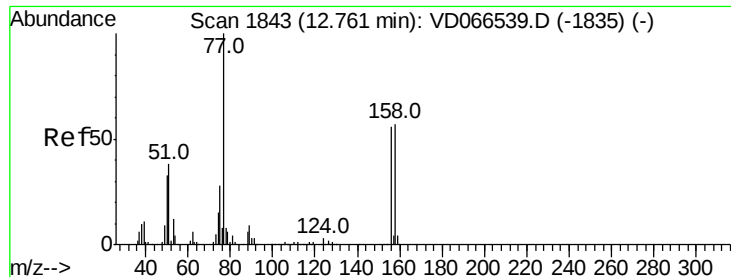
75 100

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: 54.894 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

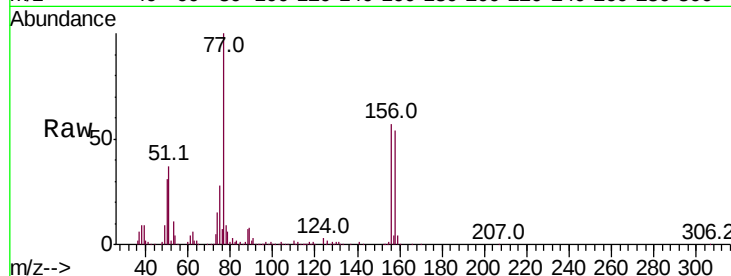
Tot Ion:156 Resp: 211058

Ion Ratio Lower Upper

156 100

77 194.4 98.0 294.1

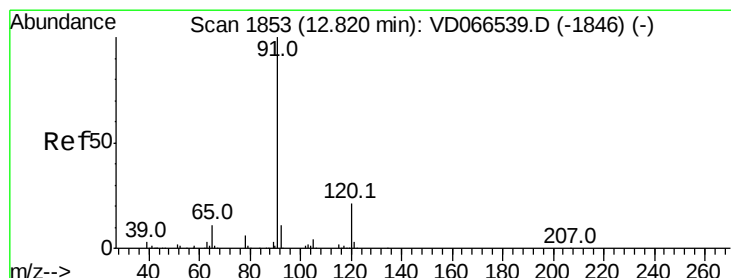
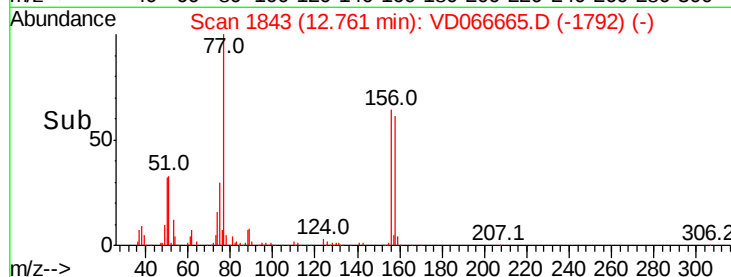
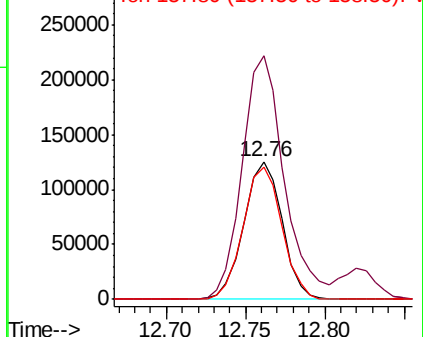
158 97.3 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.051 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066665.D

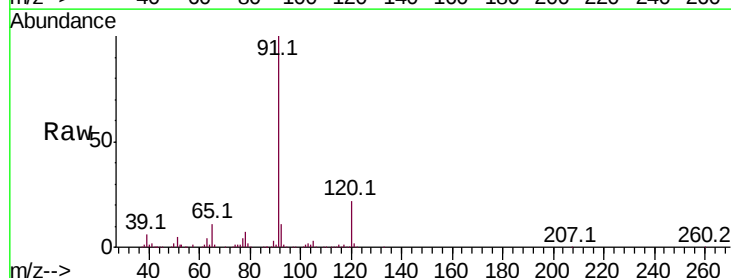
Acq: 12 Sep 2020 00:13

Tgt Ion: 91 Resp: 1130002

Ion Ratio Lower Upper

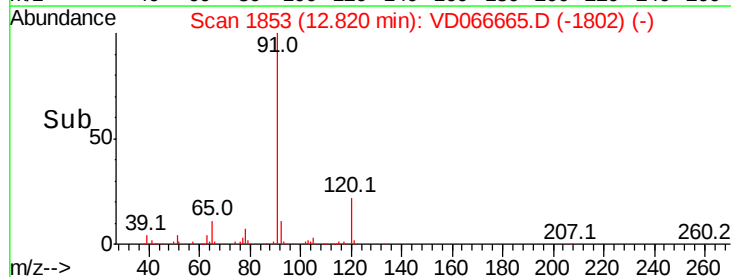
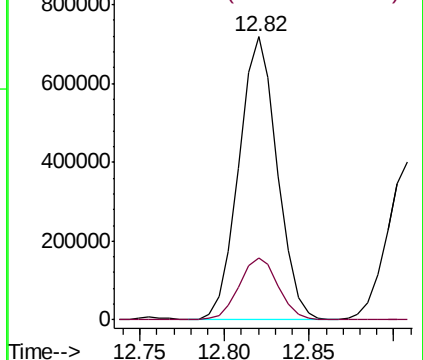
91 100

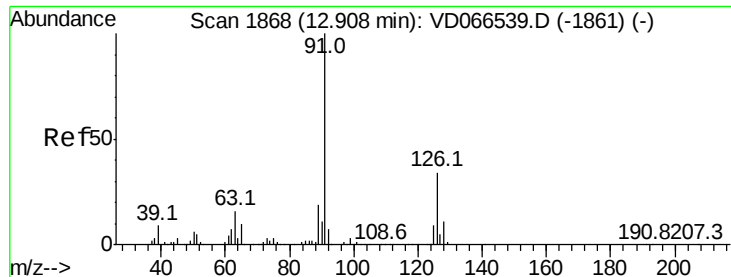
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.945 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

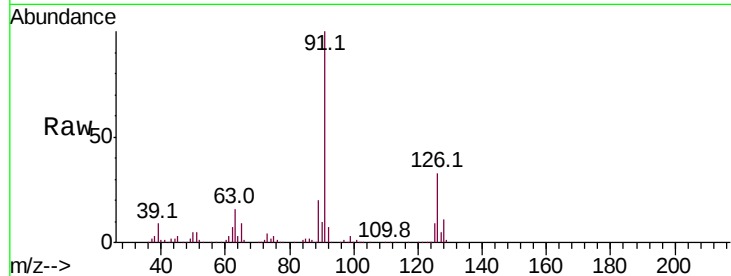
ClientSampleId :

Tot Ion: 91 Resp: 644415

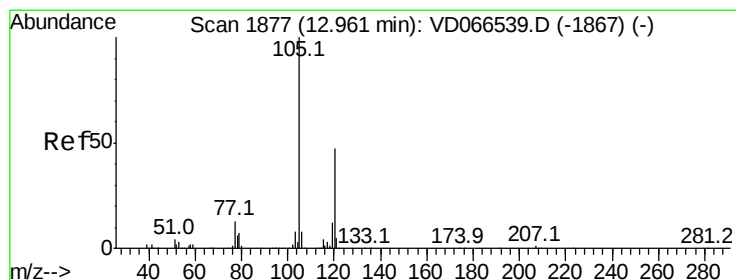
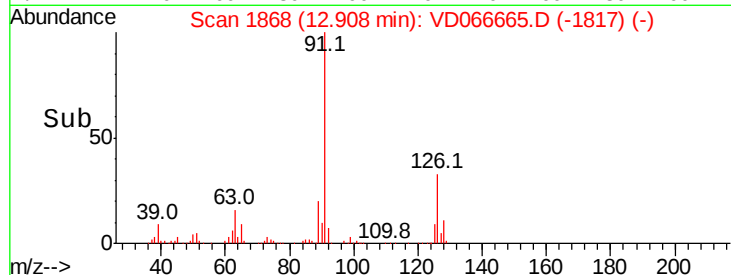
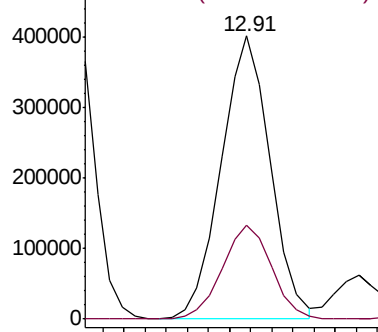
Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.852 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066665.D

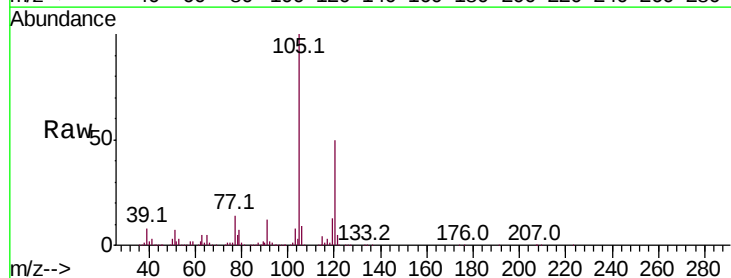
Acq: 12 Sep 2020 00:13

Tgt Ion:105 Resp: 796188

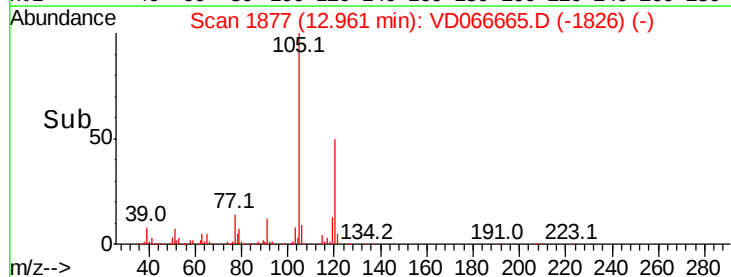
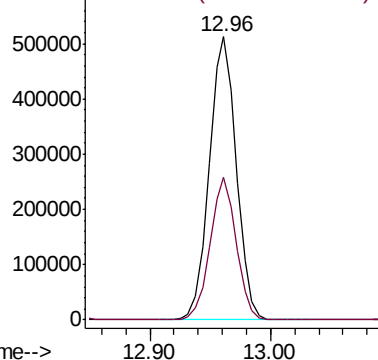
Ion Ratio Lower Upper

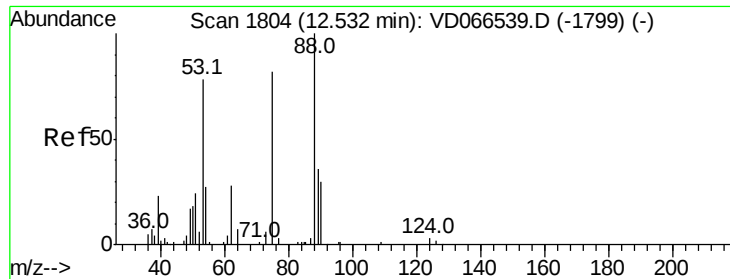
105 100

120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.098 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampleId :

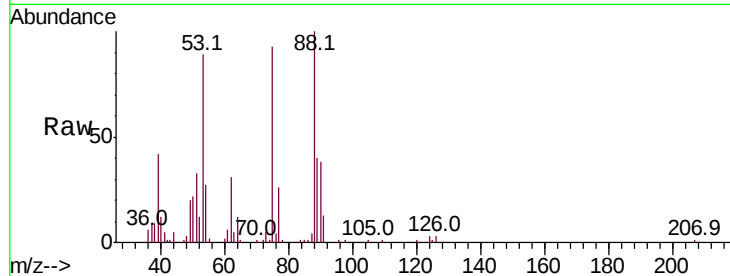
Tot Ion: 75 Resp: 51908

Ion Ratio Lower Upper

75 100

53 98.7 87.0 130.4

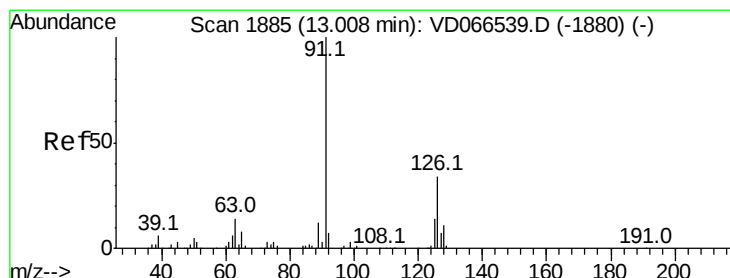
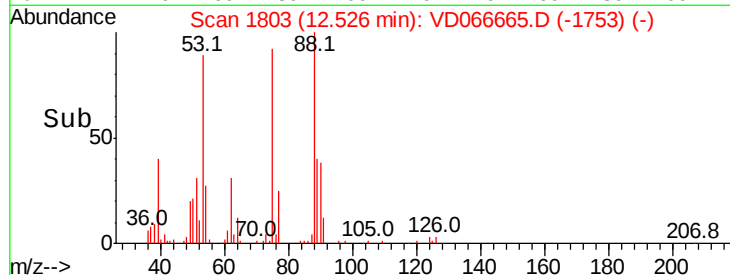
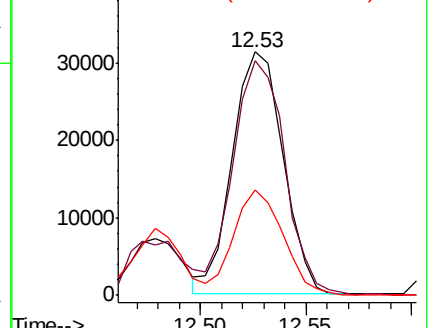
89 42.6 37.1 55.7



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: 53.687 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066665.D

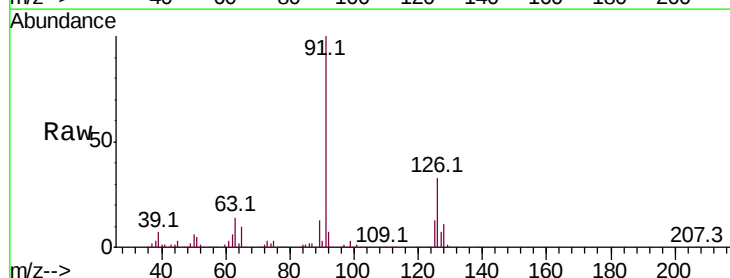
Acq: 12 Sep 2020 00:13

Tgt Ion: 91 Resp: 673337

Ion Ratio Lower Upper

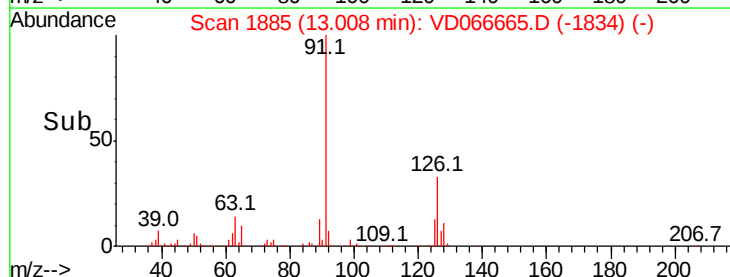
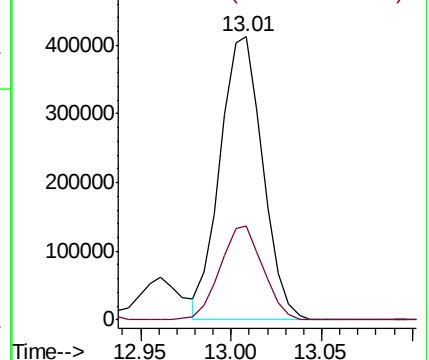
91 100

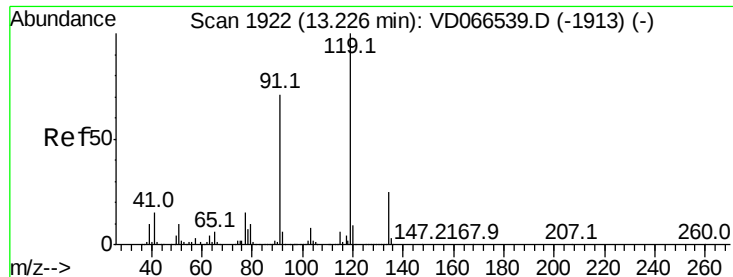
126 33.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

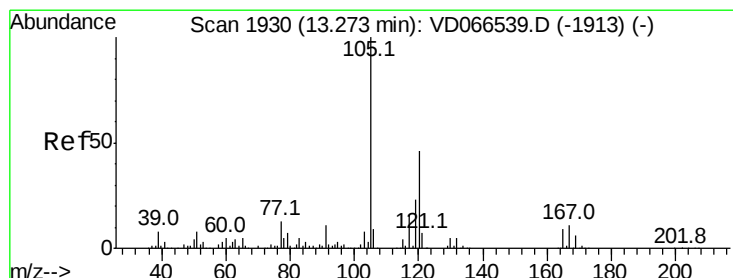
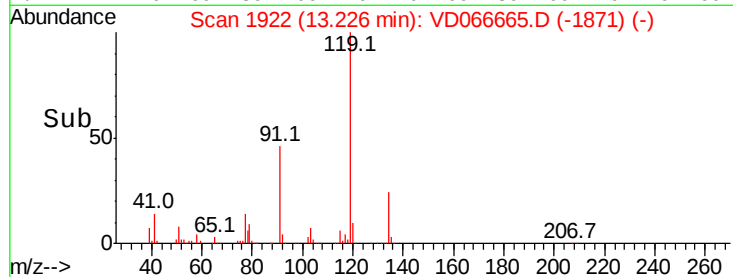
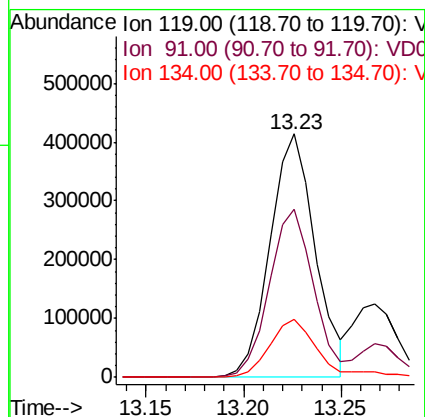
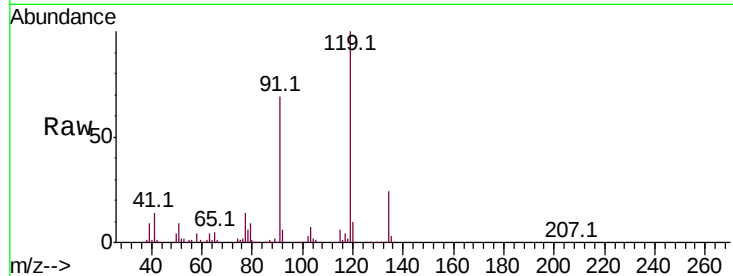




#83
tert-Butylbenzene
Concen: 56.052 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

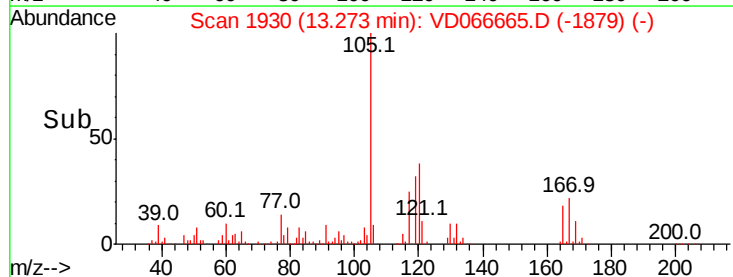
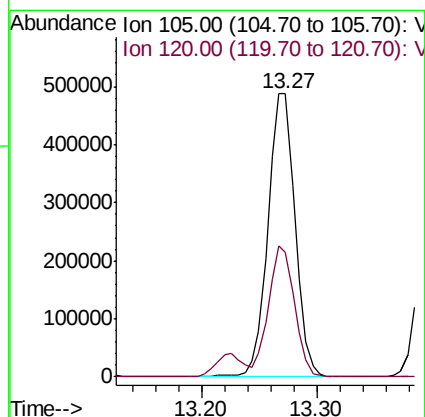
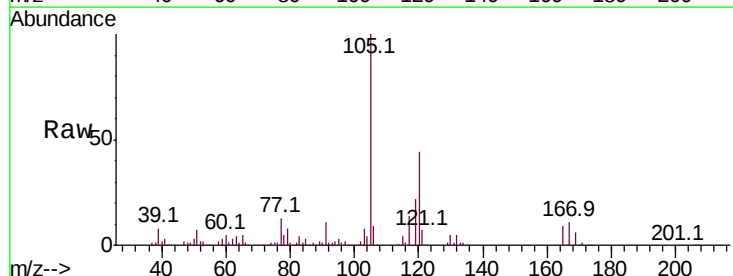
Instrument :
MSVOA_D
ClientSampleID :

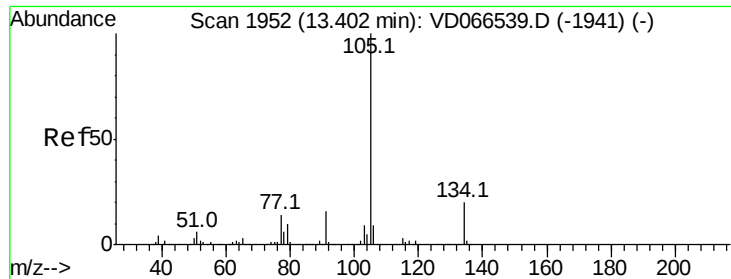
Tot Ion:119 Resp: 664403
Ion Ratio Lower Upper
119 100
91 67.3 35.2 105.6
134 25.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 55.415 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion:105 Resp: 800834
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 54.478 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

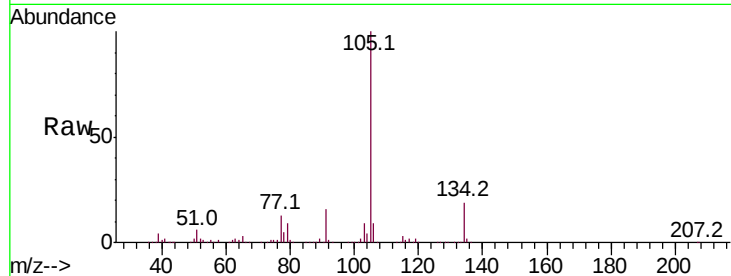
ClientSampleId :

Tot Ion:105 Resp: 930344

Ion Ratio Lower Upper

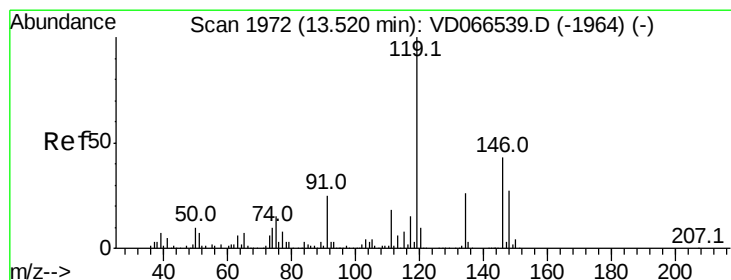
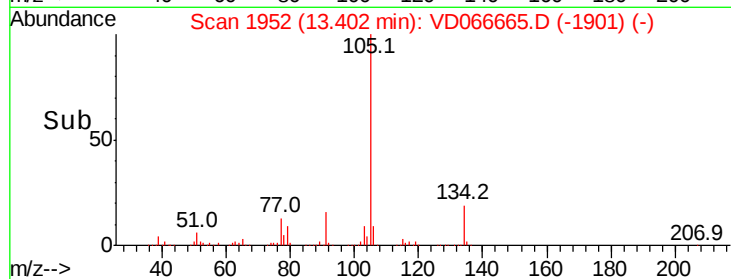
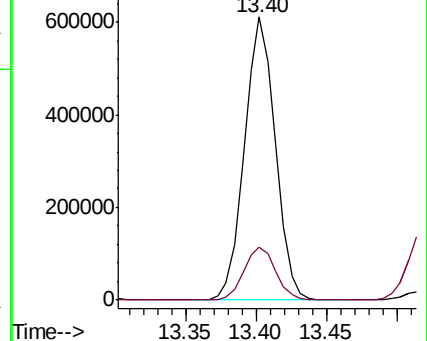
105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.292 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

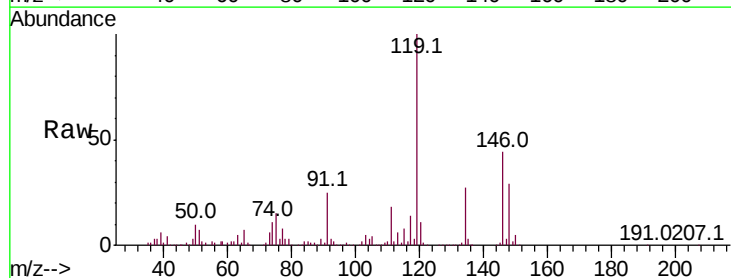
Tgt Ion:119 Resp: 834515

Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.0

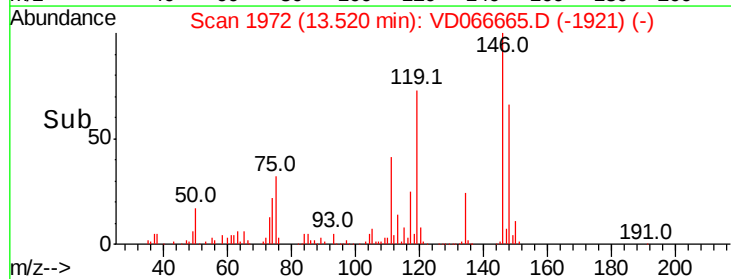
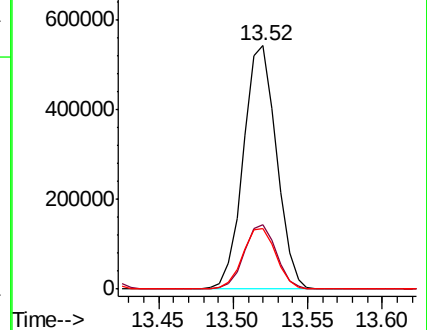
91 25.0 12.5 37.5

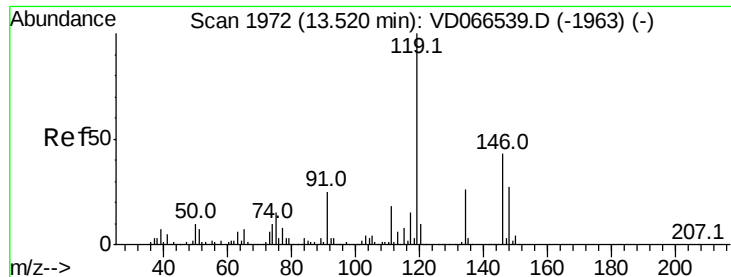


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.674 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Instrument :

MSVOA_D

ClientSampled :

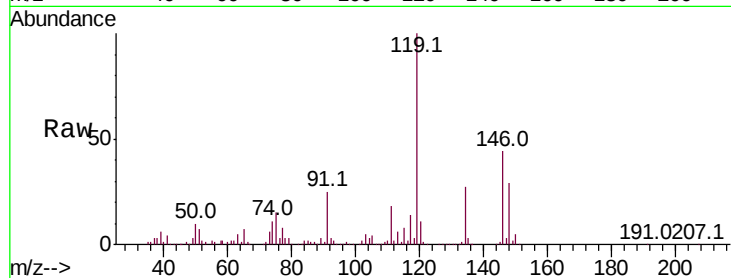
Tot Ion:146 Resp: 402062

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

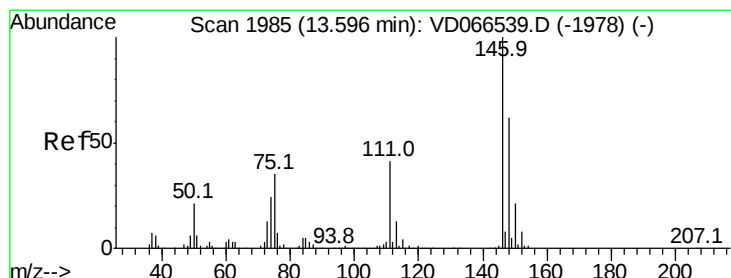
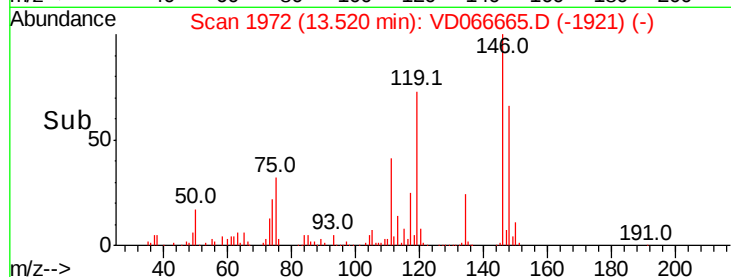
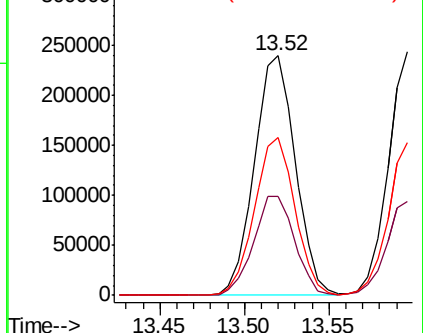
148 65.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 52.101 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

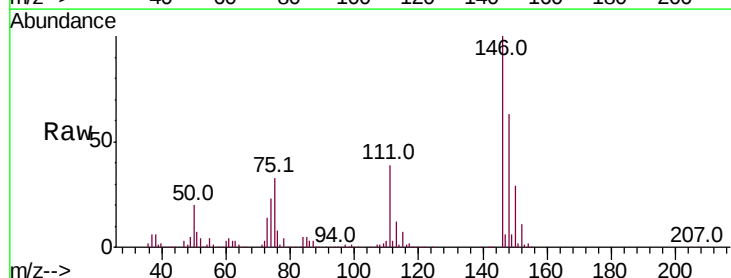
Tgt Ion:146 Resp: 399155

Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

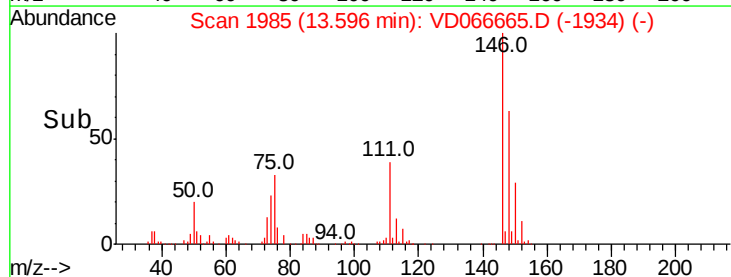
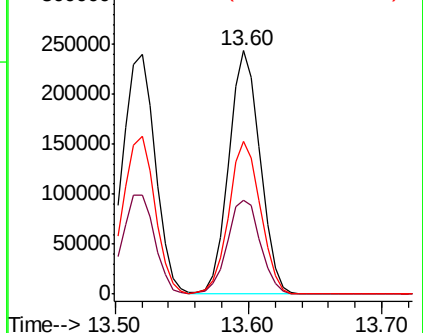
148 63.3 31.6 94.8

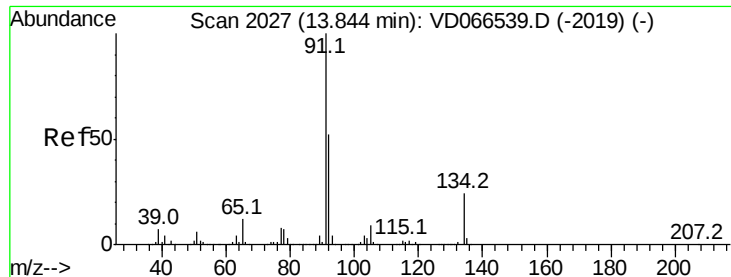


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

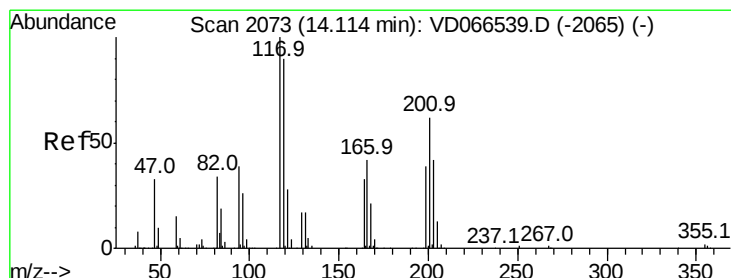
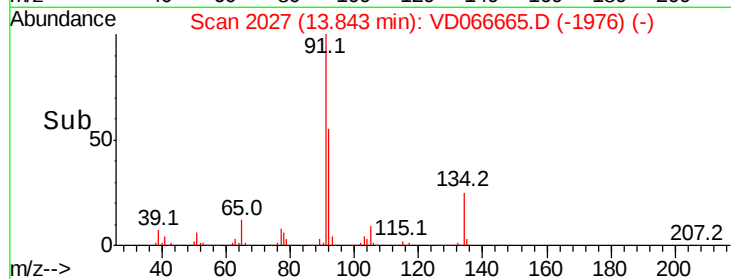
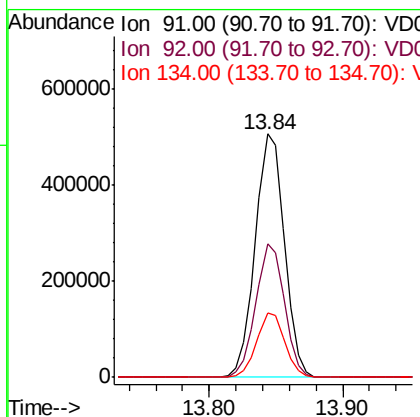
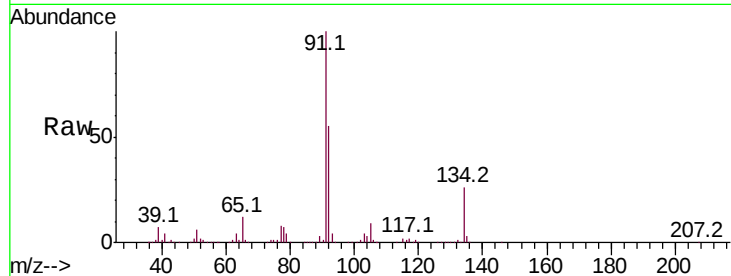




#89
n-Butylbenzene
Concen: 51.024 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

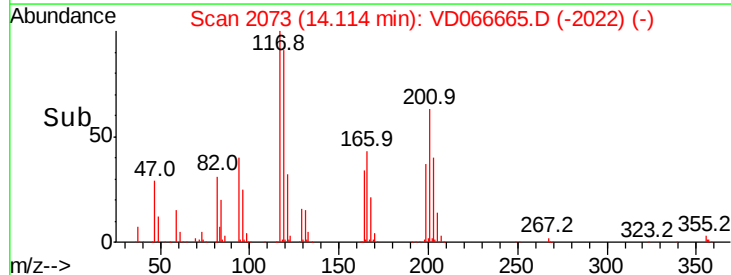
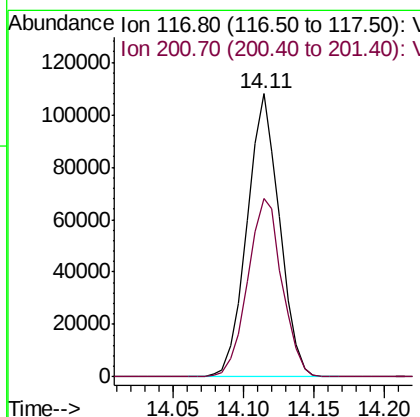
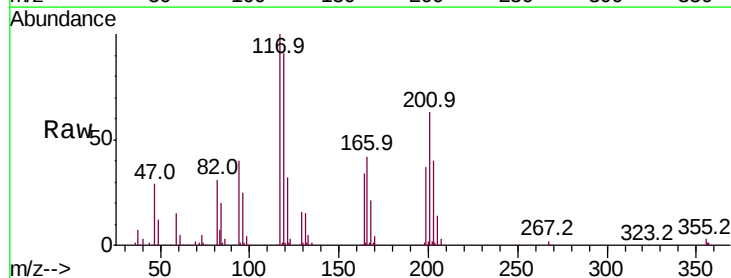
Instrument :
MSVOA_D
ClientSampleId :

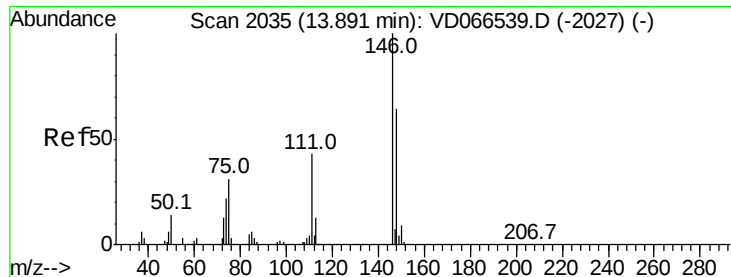
Tot Ion: 91 Resp: 764271
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.5
134 25.3 12.1 36.3



#90
Hexachloroethane
Concen: 52.673 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066665.D
Acq: 12 Sep 2020 00:13

Tgt Ion: 117 Resp: 174450
Ion Ratio Lower Upper
117 100
201 66.6 31.9 95.5

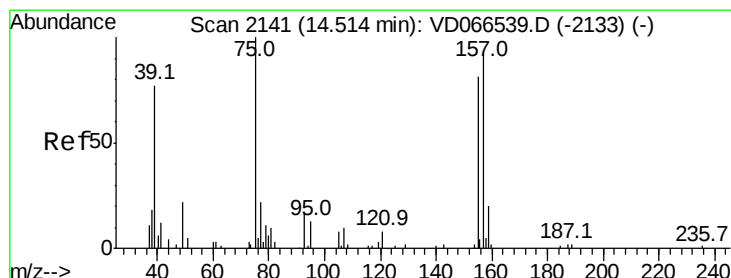
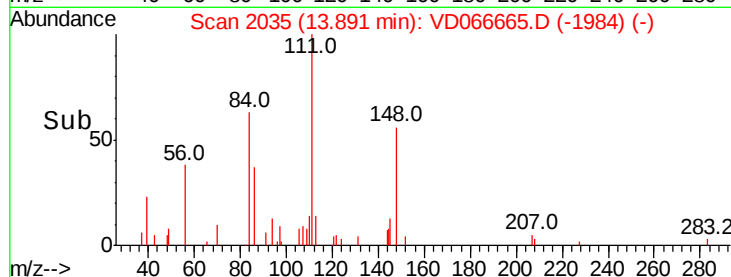
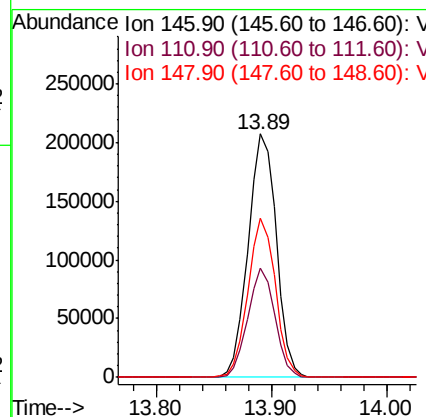
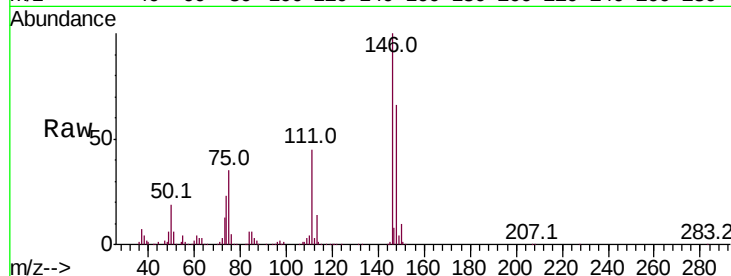




#91
 1,2-Dichlorobenzene
 Concen: 52.833 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

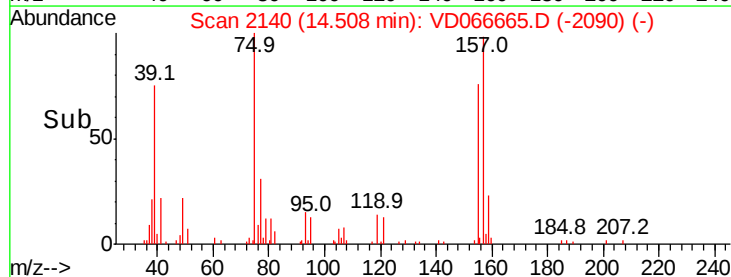
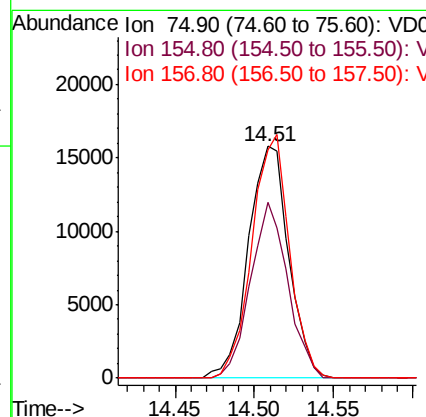
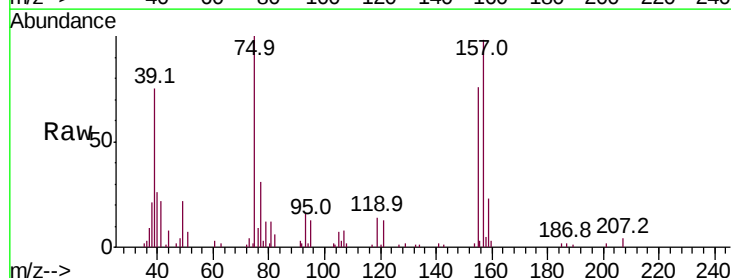
Instrument :
 MSVOA_D
 ClientSampleId :

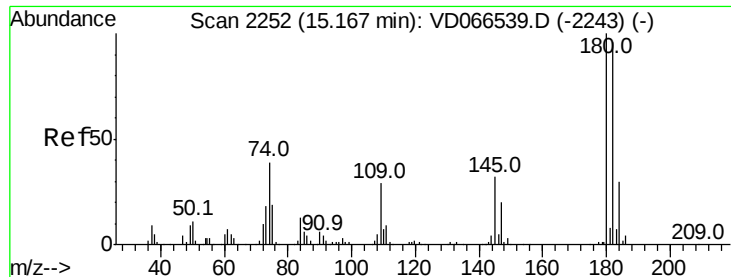
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.918 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.2	39.3	117.8
157	97.8	46.0	137.8

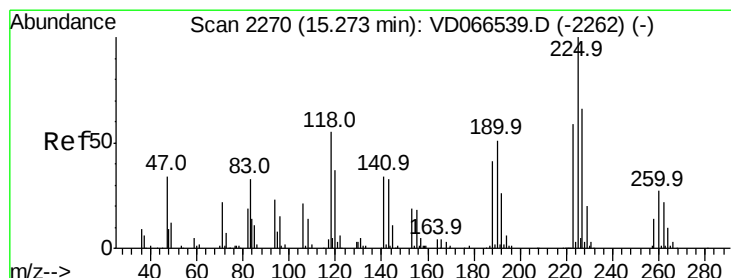
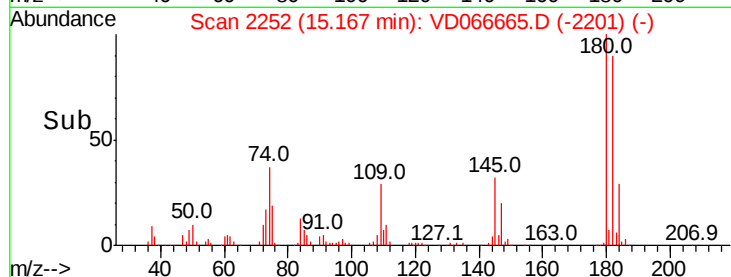
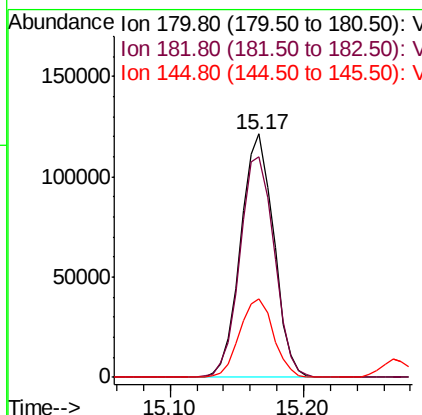
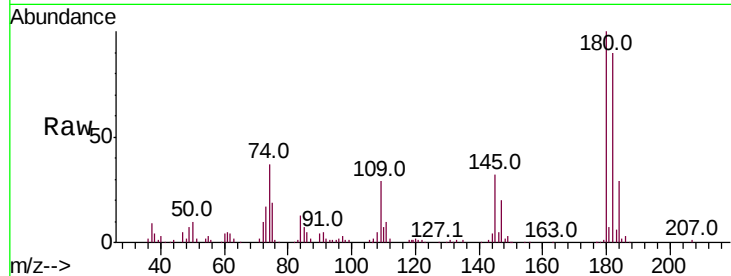




#93
 1,2,4-Trichlorobenzene
 Concen: 52.030 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

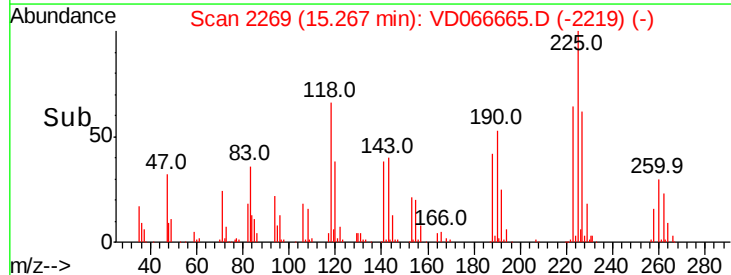
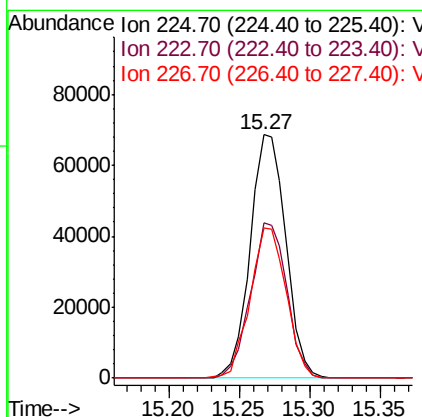
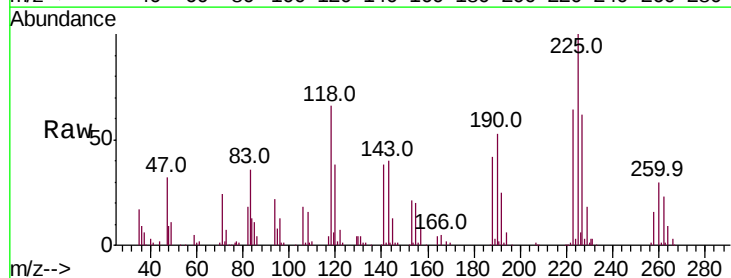
Instrument :
 MSVOA_D
 ClientSampled :

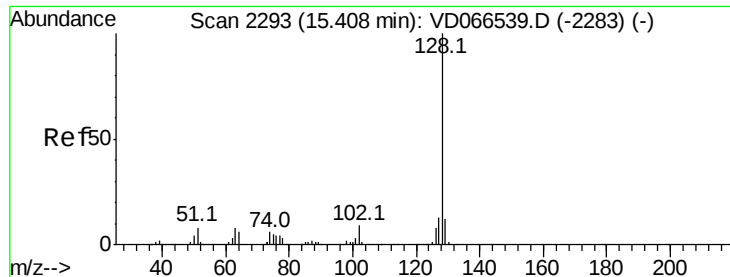
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.4	145.0
145	32.9	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 50.614 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066665.D
 Acq: 12 Sep 2020 00:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	30.5	91.5
227	62.5	32.4	97.2





#95

Naphthalene

Concen: 57.763 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

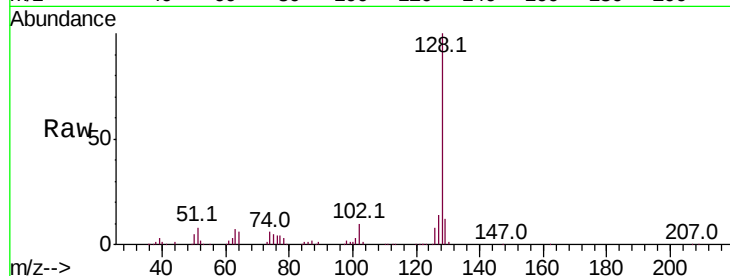
Instrument :

MSVOA_D

ClientSampled :

Tot Ion:128 Resp: 404157

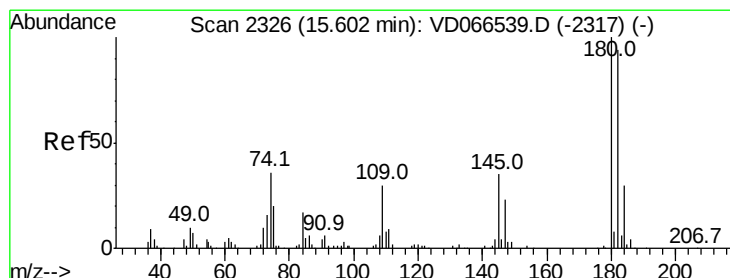
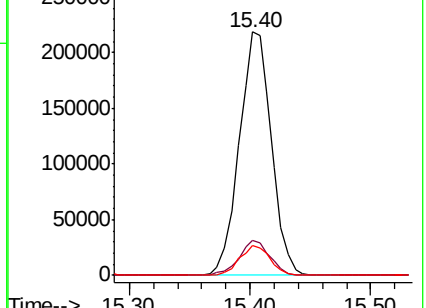
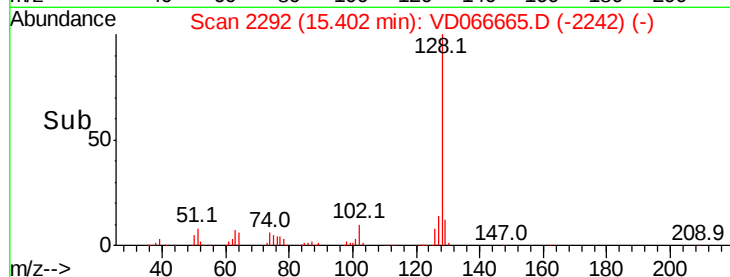
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.6	9.1	13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.103 ug/l

RT: 15.60 min Scan# 2326

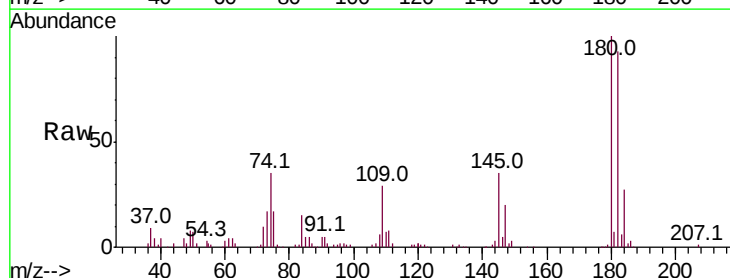
Delta R.T. -0.00 min

Lab File: VD066665.D

Acq: 12 Sep 2020 00:13

Tgt Ion:180 Resp: 188106

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	35.1	17.3	51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

