

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066645.D
 Acq On : 11 Sep 2020 13:44
 Operator : VA/SY
 Sample : VD0911SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 00:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	345828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	582269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	229099	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.91	113	214848	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.34	98	790864	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
62) 4-Bromofluorobenzene	12.63	95	260748	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72784	23.389	ug/l	88
3) Chloromethane	2.21	50	92300	21.104	ug/l	99
4) Vinyl Chloride	2.35	62	99320	20.475	ug/l	95
5) Bromomethane	2.76	94	66800	18.958	ug/l	93
6) Chloroethane	2.92	64	60757	19.720	ug/l	96
7) Trichlorofluoromethane	3.27	101	153376	21.404	ug/l	99
8) Diethyl Ether	3.70	74	39935	22.131	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79994	20.626	ug/l	99
10) Methyl Iodide	4.30	142	72049	22.752	ug/l	98
11) Tert butyl alcohol	5.21	59	40520	133.697	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	76309	21.901	ug/l	80
13) Acrolein	3.92	56	13439	78.552	ug/l	85
14) Allyl chloride	4.71	41	121661	21.306	ug/l	99
15) Acrylonitrile	5.43	53	85851	110.754	ug/l	98
16) Acetone	4.16	43	88938	115.522	ug/l	100
17) Carbon Disulfide	4.40	76	249107	21.748	ug/l	97
18) Methyl Acetate	4.71	43	41202	22.450	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	174911	21.407	ug/l	98
20) Methylene Chloride	4.96	84	109267	22.388	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	88531	21.397	ug/l	96
22) Diisopropyl ether	6.36	45	259443	22.094	ug/l	97
23) Vinyl Acetate	6.30	43	702539	105.133	ug/l	98
24) 1,1-Dichloroethane	6.26	63	165109	22.359	ug/l	98
25) 2-Butanone	7.21	43	111989	108.361	ug/l	92
26) 2,2-Dichloropropane	7.20	77	146520	21.631	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	92498	20.789	ug/l	93
28) Bromochloromethane	7.54	49	56667	19.932	ug/l	96
29) Tetrahydrofuran	7.56	42	67159	104.342	ug/l	99
30) Chloroform	7.71	83	168934	21.624	ug/l	100
31) Cyclohexane	7.98	56	140363	20.563	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	155829	21.216	ug/l	98
36) 1,1-Dichloropropene	8.11	75	129805	21.421	ug/l	99
37) Ethyl Acetate	7.28	43	44378	18.392	ug/l	95
38) Carbon Tetrachloride	8.09	117	138360	21.602	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	136682	20.200	ug/l	98
40) Benzene	8.35	78	357760	21.557	ug/l	99
41) Methacrylonitrile	7.56	41	70770	60.591	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	111123	20.666	ug/l	98
43) Isopropyl Acetate	8.45	43	94533	20.444	ug/l	97
44) Trichloroethene	9.11	130	92259	21.193	ug/l	90
45) 1,2-Dichloropropane	9.38	63	90599	21.708	ug/l	95
46) Dibromomethane	9.47	93	49170	21.354	ug/l	96
47) Bromodichloromethane	9.66	83	129548	20.795	ug/l	97
48) Methyl methacrylate	9.45	41	50176	21.459	ug/l	95
49) 1,4-Dioxane	9.46	88	10455	413.870	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	248320	106.480	ug/l	98
52) Toluene	10.40	92	229081	21.806	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	117336	21.336	ug/l	88
54) cis-1,3-Dichloropropene	10.08	75	137324	20.793	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	64249	21.701	ug/l	94
56) Ethyl methacrylate	10.66	69	71438	20.724	ug/l	96
57) 1,3-Dichloropropane	10.94	76	111913	21.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	194303	123.234	ug/l	100
59) 2-Hexanone	10.98	43	169545	108.109	ug/l	98
60) Dibromochloromethane	11.14	129	85991	21.965	ug/l	96
61) 1,2-Dibromoethane	11.24	107	59609	20.695	ug/l	97
64) Tetrachloroethene	10.87	164	74791	21.238	ug/l	98
65) Chlorobenzene	11.67	112	231585	21.454	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	87297	21.189	ug/l	99
67) Ethyl Benzene	11.74	91	413440	20.859	ug/l	98
68) m/p-Xylenes	11.85	106	322342	43.798	ug/l	98
69) o-Xylene	12.18	106	140969	21.373	ug/l	98
70) Styrene	12.20	104	247593	21.592	ug/l	99
71) Bromoform	12.36	173	43975	21.180	ug/l #	99
73) Isopropylbenzene	12.48	105	387997	21.081	ug/l	100
74) N-amyl acetate	12.29	43	82269	19.735	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	70184	21.584	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	92287	38.601	ug/l #	100
77) Bromobenzene	12.76	156	88763	21.632	ug/l	98
78) n-propylbenzene	12.82	91	481896	21.598	ug/l	99
79) 2-Chlorotoluene	12.91	91	267474	21.369	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	331615	21.406	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	21592	21.085	ug/l	98
82) 4-Chlorotoluene	13.00	91	288589	21.560	ug/l	99
83) tert-Butylbenzene	13.23	119	272307	21.526	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	335864	21.776	ug/l	97
85) sec-Butylbenzene	13.40	105	388952	21.341	ug/l	100
86) p-Isopropyltoluene	13.52	119	353650	21.558	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	171374	21.037	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	174701	21.367	ug/l	97
89) n-Butylbenzene	13.84	91	330490	20.674	ug/l	99
90) Hexachloroethane	14.11	117	73594	20.821	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	149629	21.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11252	20.371	ug/l	96

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Response via : Initial Calibration

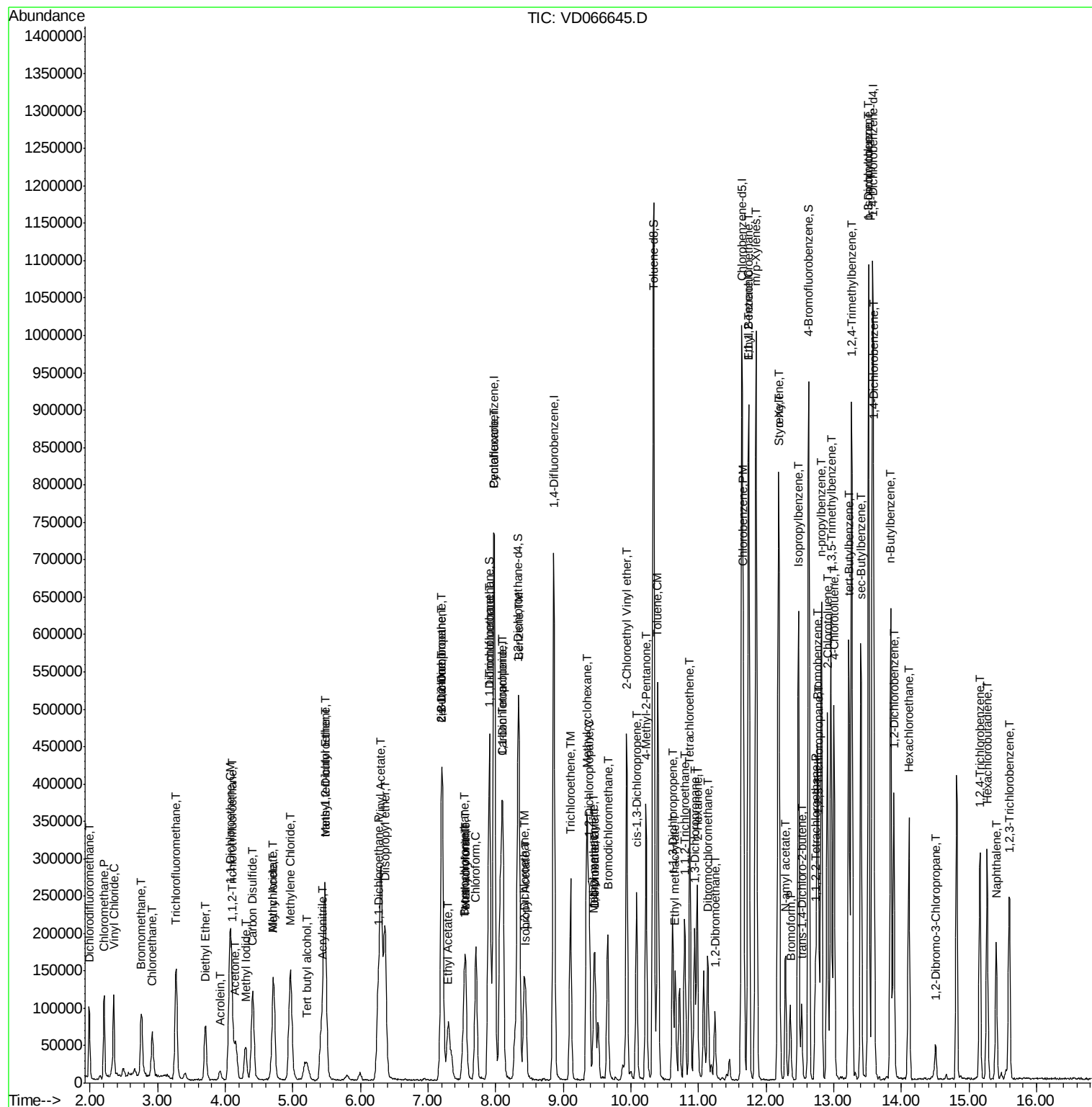
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87474	20.470	ug/l	98
94) Hexachlorobutadiene	15.27	225	50770	19.776	ug/l	97
95) Naphthalene	15.41	128	155064	20.766	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	78445	21.532	ug/l	98

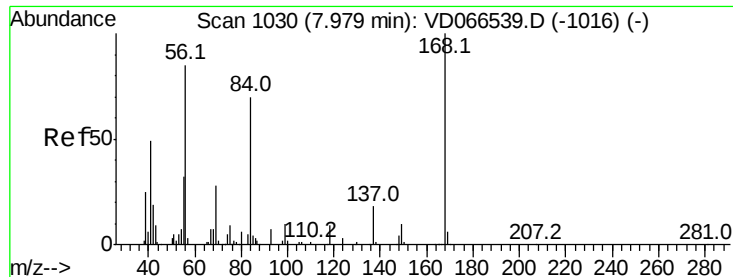
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

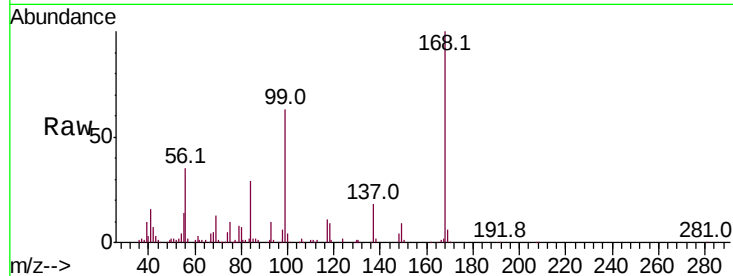
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 345828

Ion Ratio Lower Upper

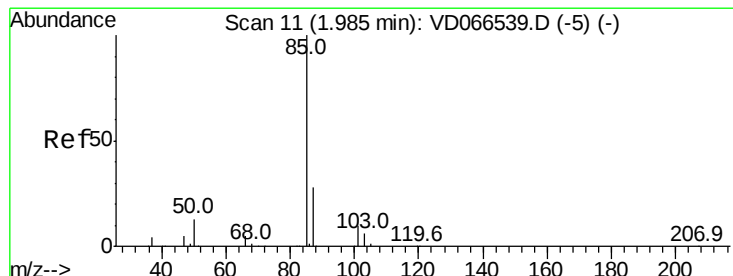
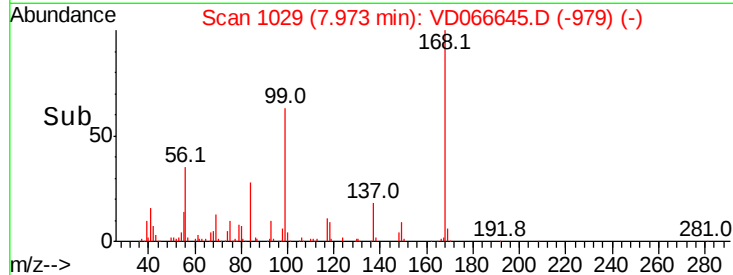
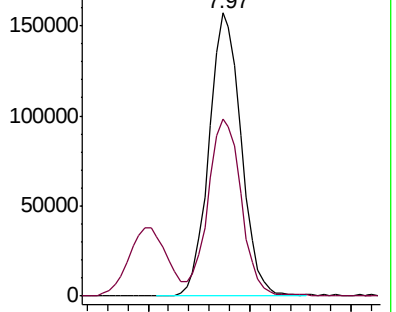
168 100

99 62.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.389 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066645.D

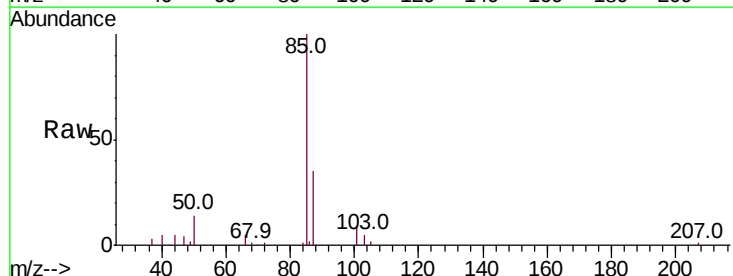
Acq: 11 Sep 2020 13:44

Tgt Ion: 85 Resp: 72784

Ion Ratio Lower Upper

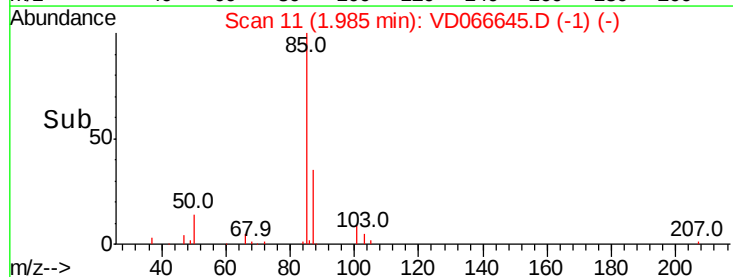
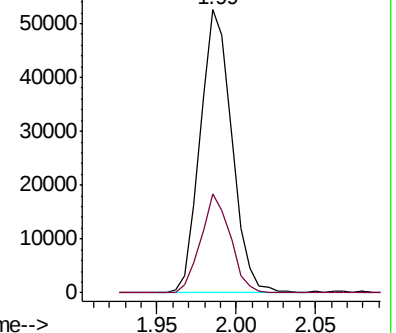
85 100

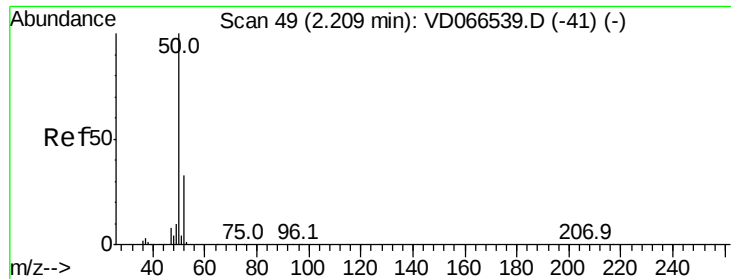
87 34.9 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.104 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

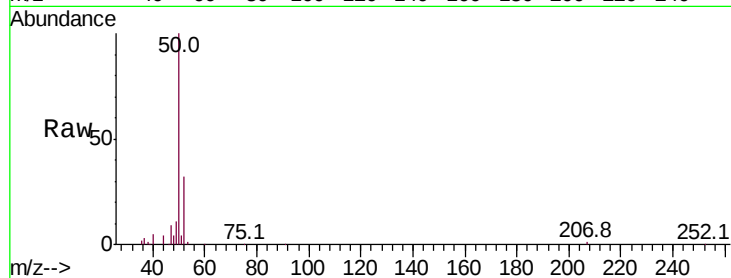
ClientSampleId :

Tot Ion: 50 Resp: 92300

Ion Ratio Lower Upper

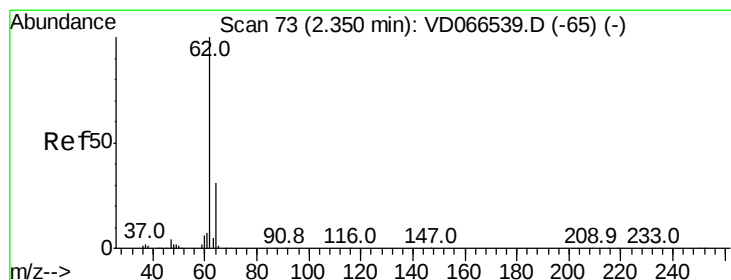
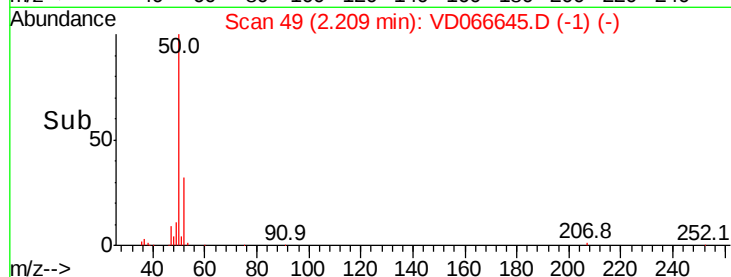
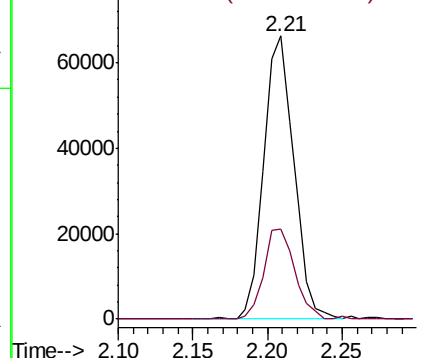
50 100

52 32.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.475 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066645.D

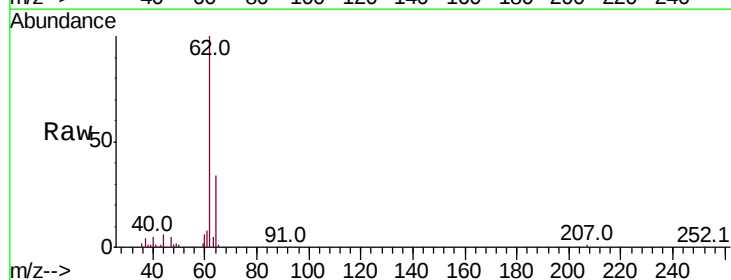
Acq: 11 Sep 2020 13:44

Tgt Ion: 62 Resp: 99320

Ion Ratio Lower Upper

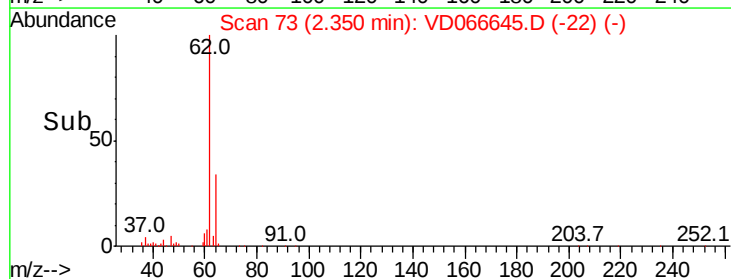
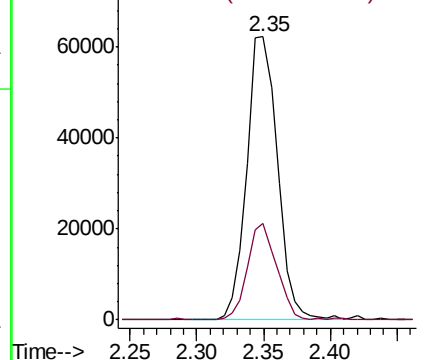
62 100

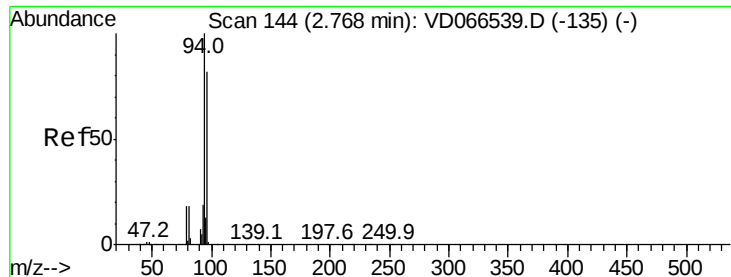
64 34.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 18.958 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

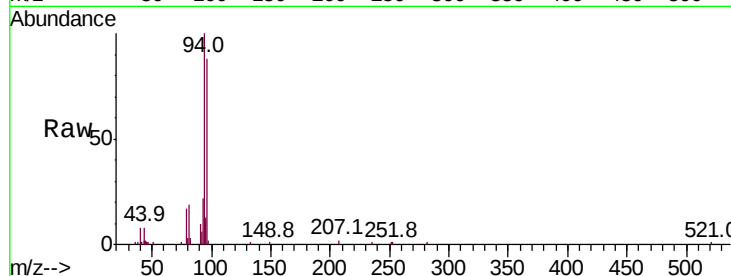
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 66800

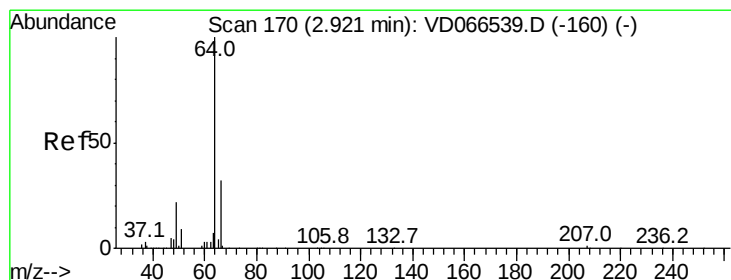
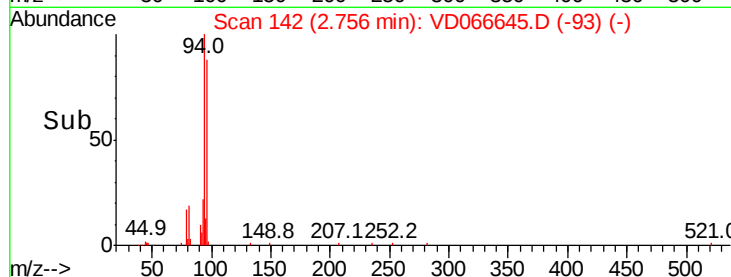
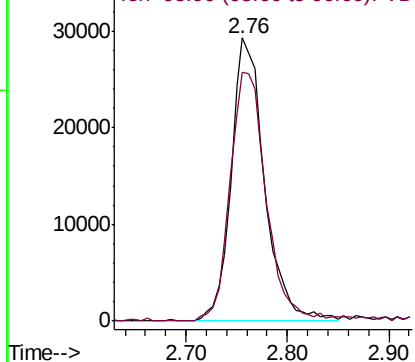
Ion Ratio Lower Upper

94 100

96 88.1 65.2 97.8



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



#6

Chloroethane

Concen: 19.720 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066645.D

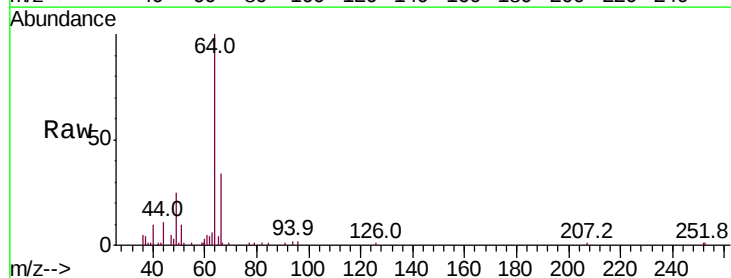
Acq: 11 Sep 2020 13:44

Tgt Ion: 64 Resp: 60757

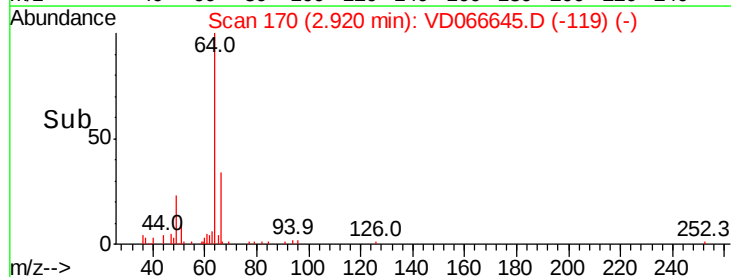
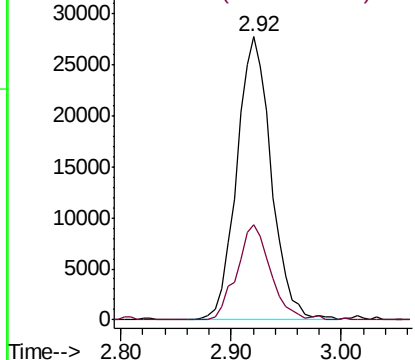
Ion Ratio Lower Upper

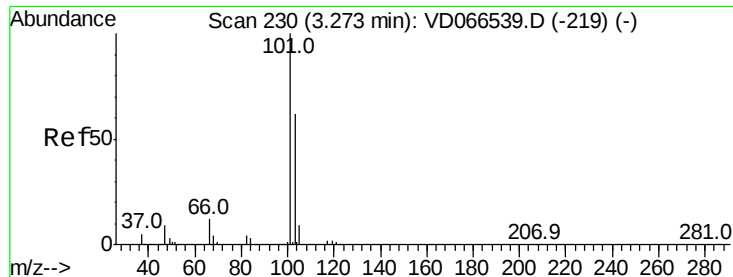
64 100

66 33.7 25.4 38.0



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



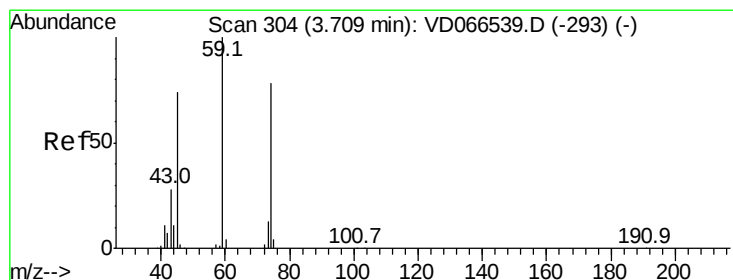
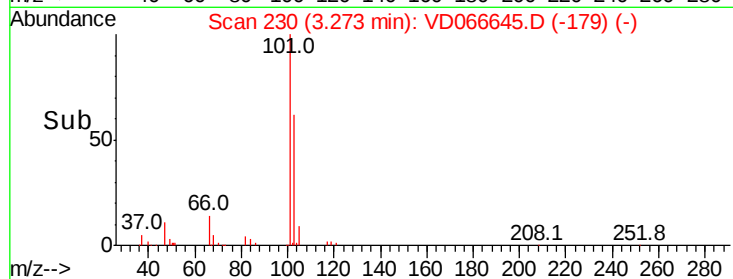
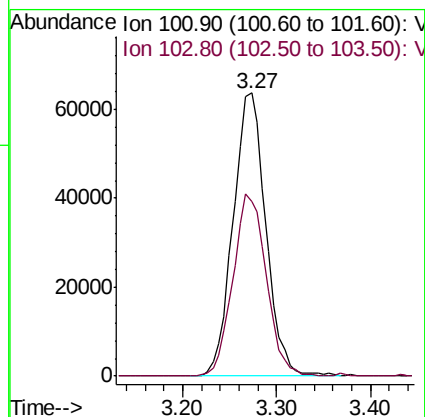
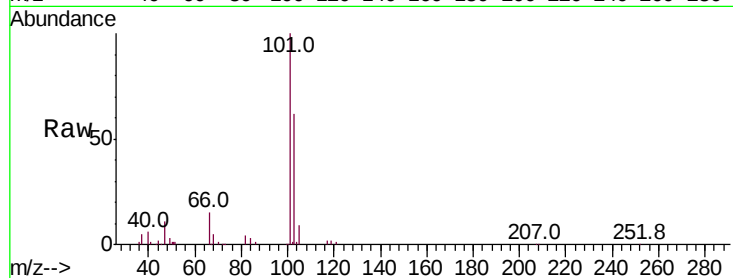


#7

Trichlorofluoromethane
 Concen: 21.404 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

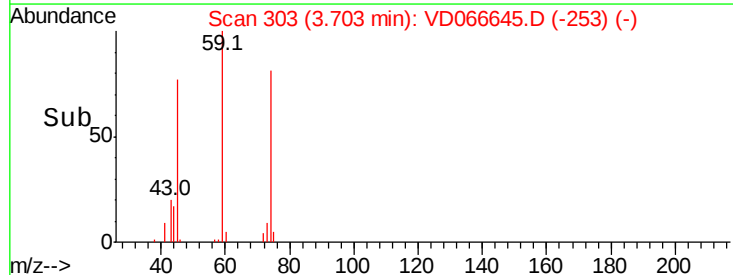
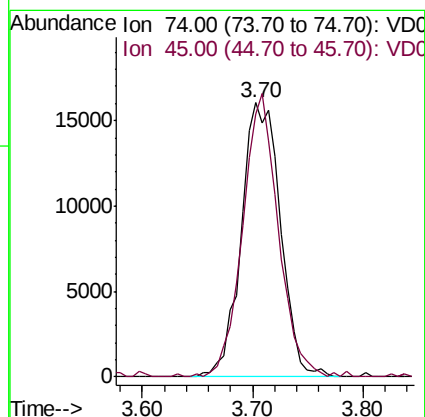
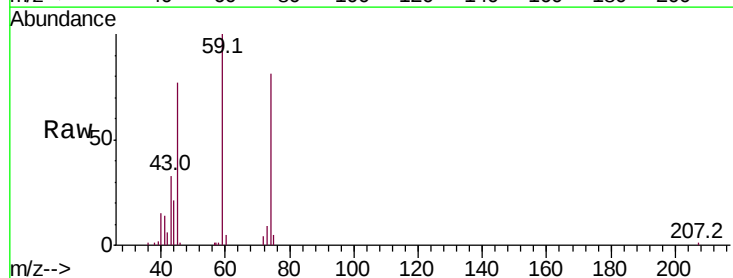
Tot Ion:101 Resp: 153376
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.7 74.5

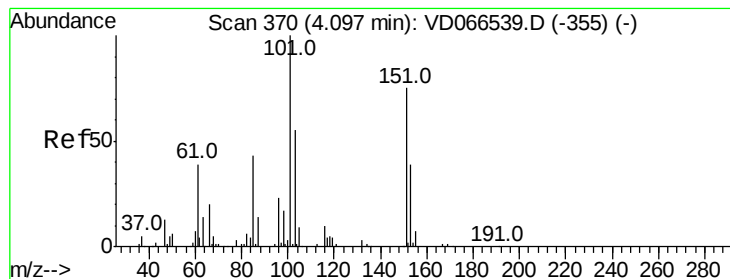


#8

Diethyl Ether
 Concen: 22.131 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 74 Resp: 39935
 Ion Ratio Lower Upper
 74 100
 45 94.0 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.626 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

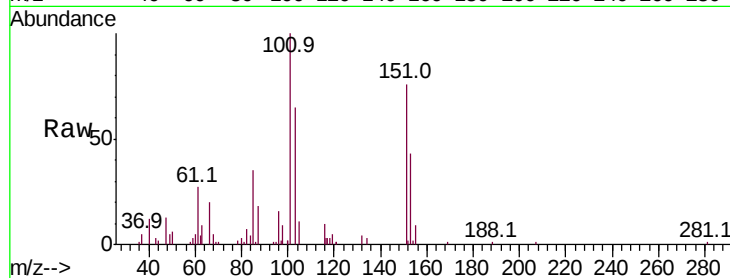
Tot Ion:101 Resp: 79994

Ion Ratio Lower Upper

101 100

85 46.5 37.0 55.6

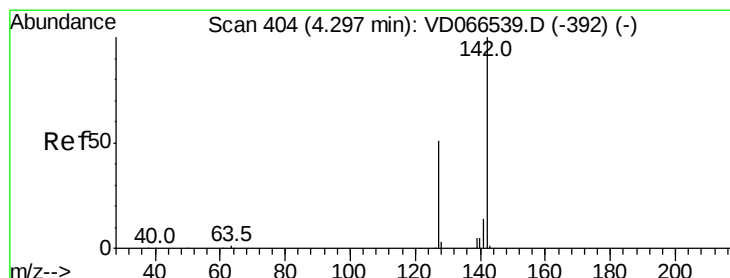
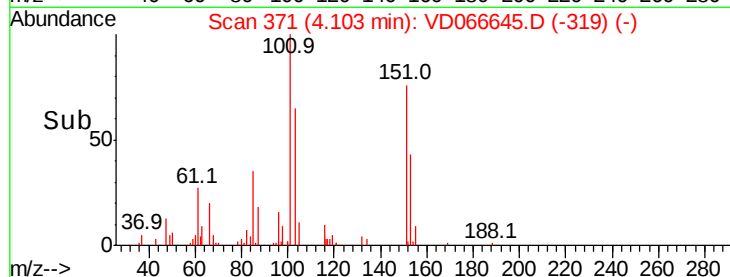
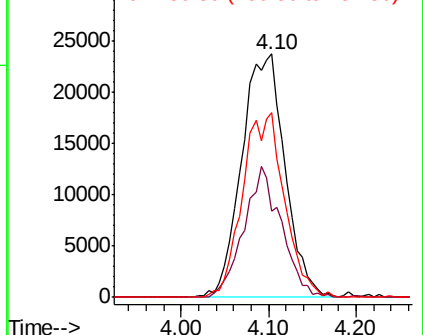
151 73.2 59.4 89.2



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: 22.752 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

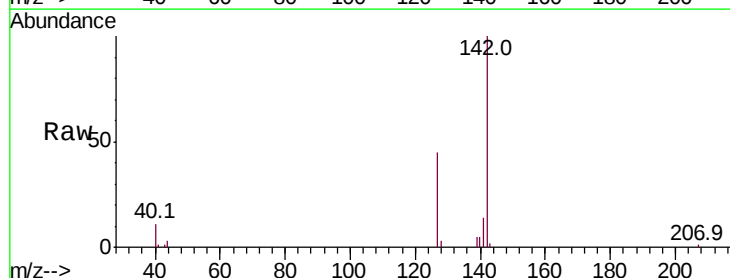
Tgt Ion:142 Resp: 72049

Ion Ratio Lower Upper

142 100

127 52.3 40.6 61.0

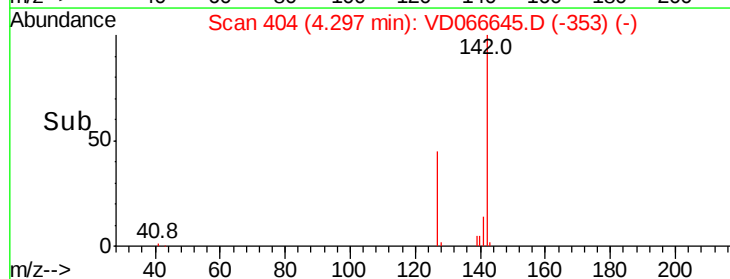
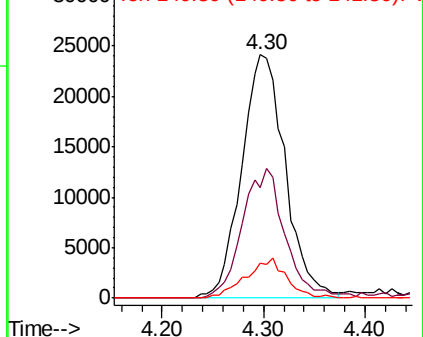
141 15.2 12.2 18.4

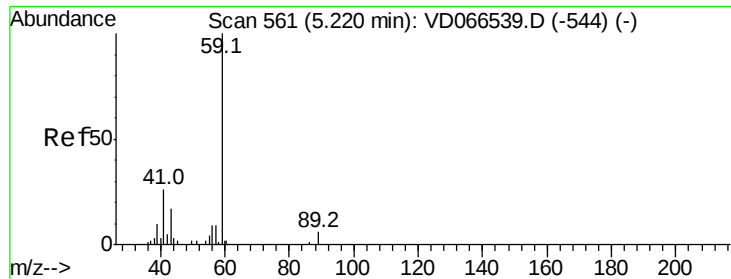


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



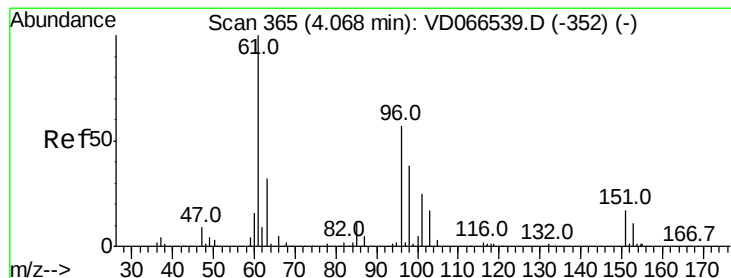
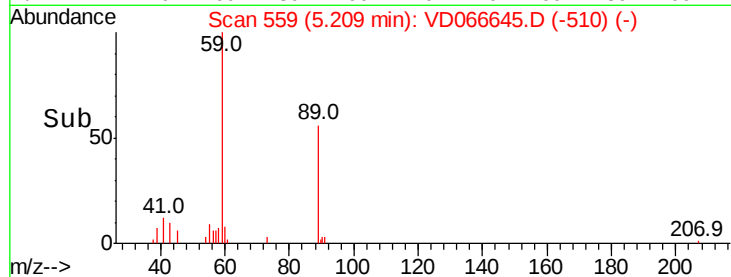
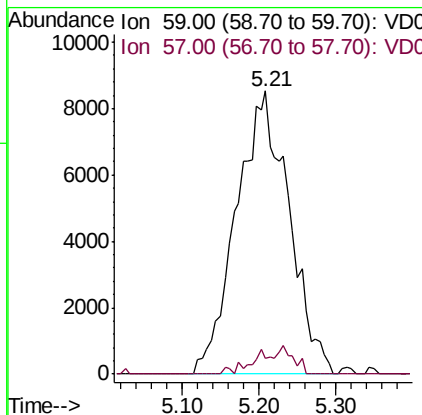
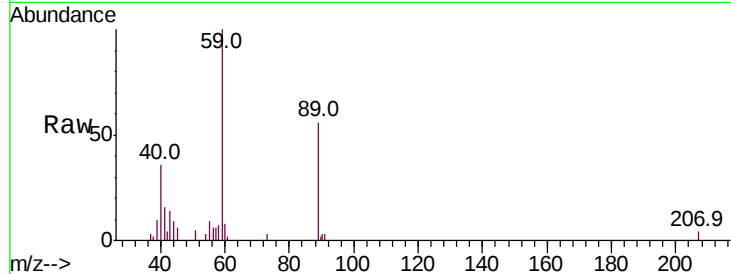


#11

Tert butyl alcohol
 Concen: 133.697 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampled :

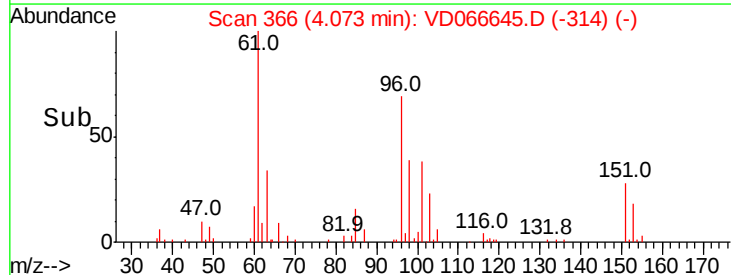
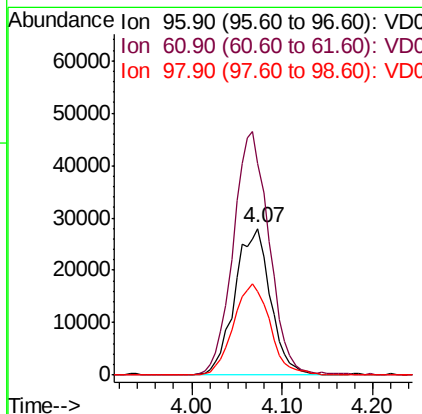
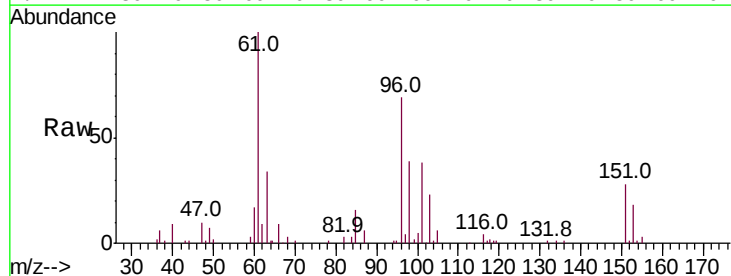
Tot Ion: 59 Resp: 40520
 Ion Ratio Lower Upper
 59 100
 57 3.3 7.6 11.4#

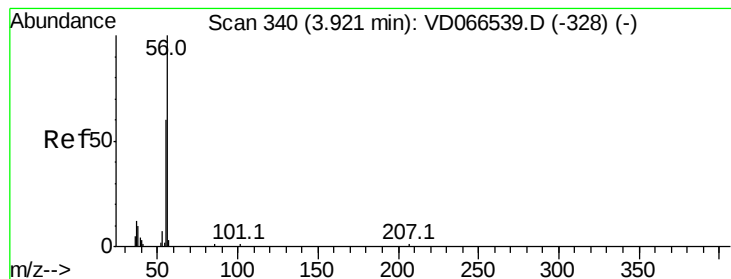


#12

1,1-Dichloroethene
 Concen: 21.901 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 96 Resp: 76309
 Ion Ratio Lower Upper
 96 100
 61 144.6 140.9 211.3
 98 56.6 53.2 79.8





#13

Acrolein

Concen: 78.552 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

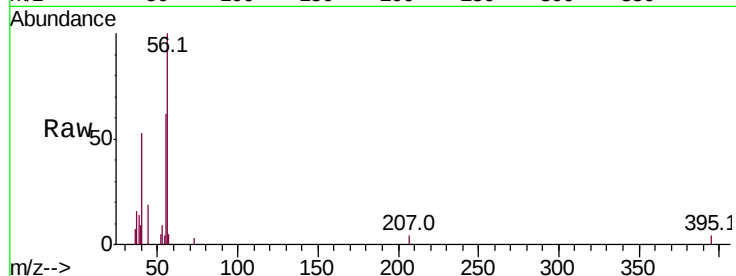
ClientSampleId :

Tot Ion: 56 Resp: 13439

Ion Ratio Lower Upper

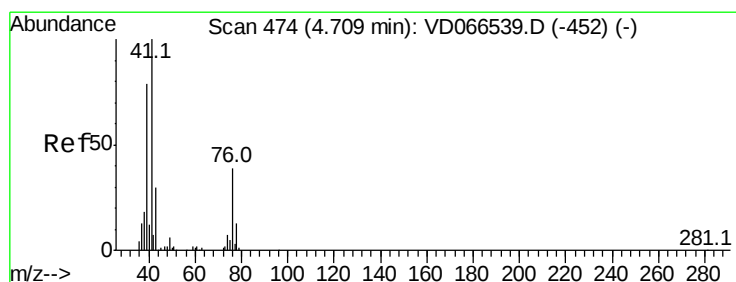
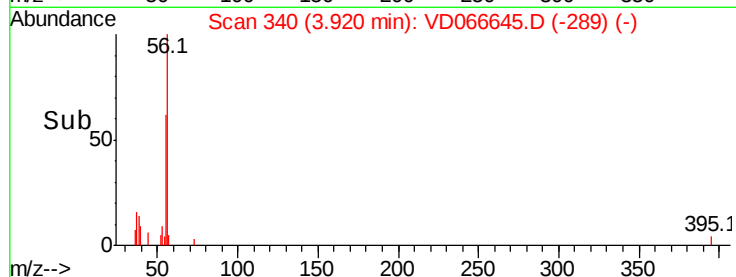
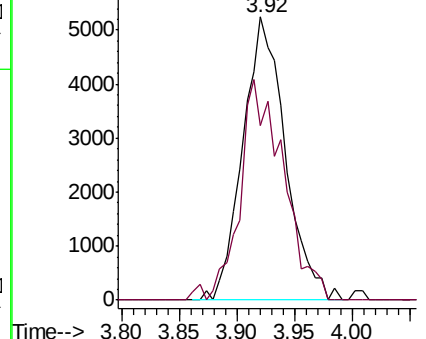
56 100

55 78.9 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: 21.306 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

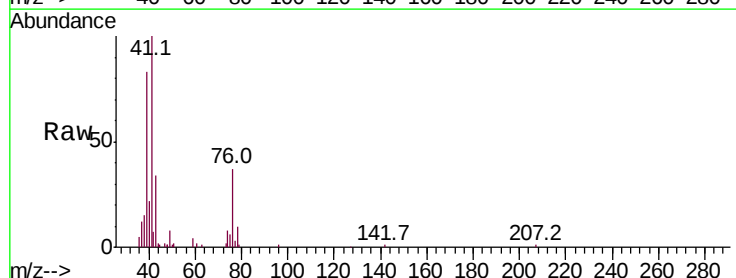
Tgt Ion: 41 Resp: 121661

Ion Ratio Lower Upper

41 100

39 77.1 61.9 92.9

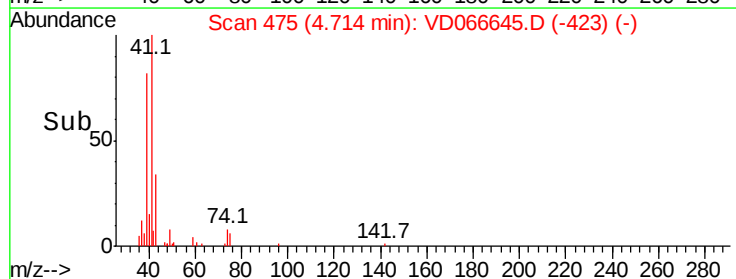
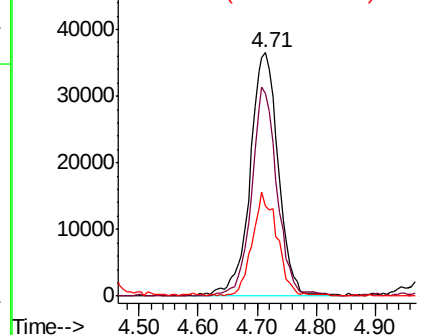
76 37.4 29.0 43.6

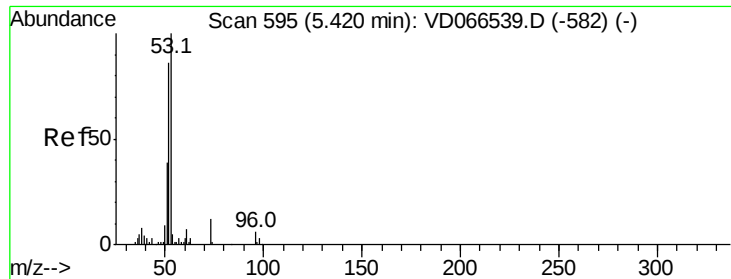


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 110.754 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

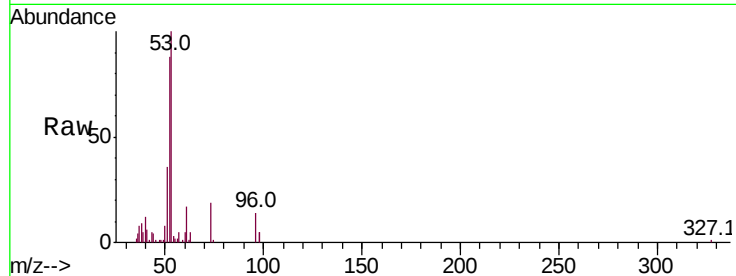
Tot Ion: 53 Resp: 85851

Ion Ratio Lower Upper

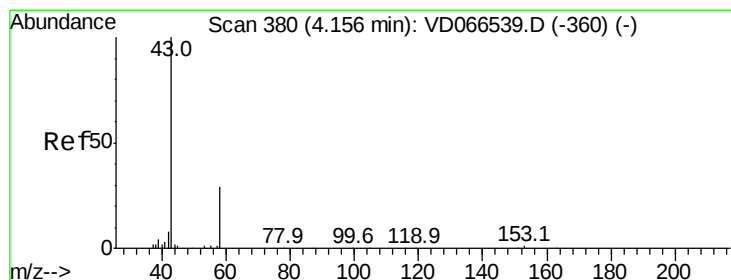
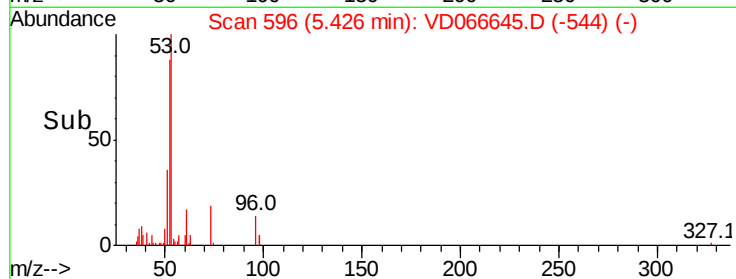
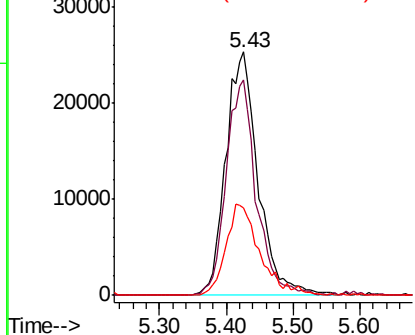
53 100

52 82.4 65.4 98.2

51 37.0 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: 115.522 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066645.D

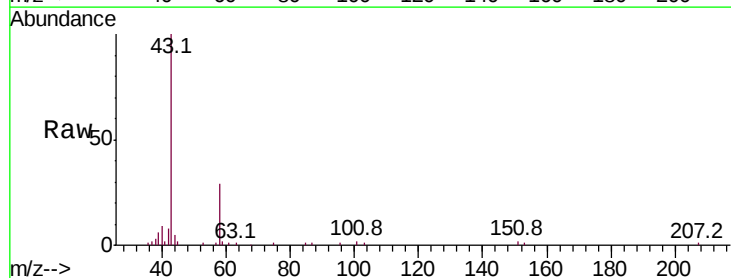
Acq: 11 Sep 2020 13:44

Tgt Ion: 43 Resp: 88938

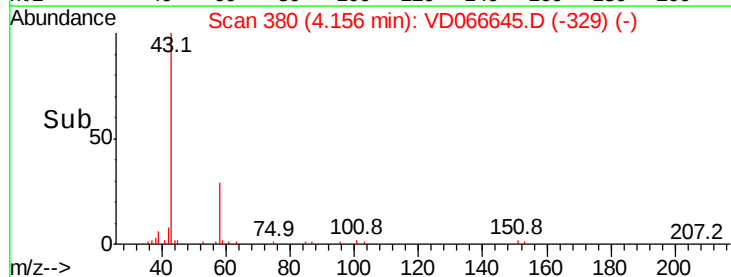
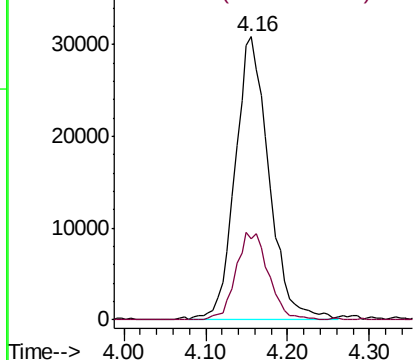
Ion Ratio Lower Upper

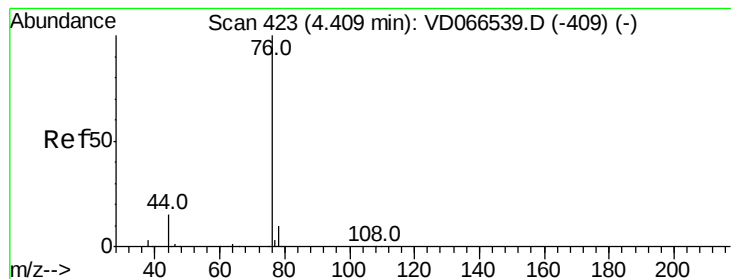
43 100

58 28.9 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: 21.748 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

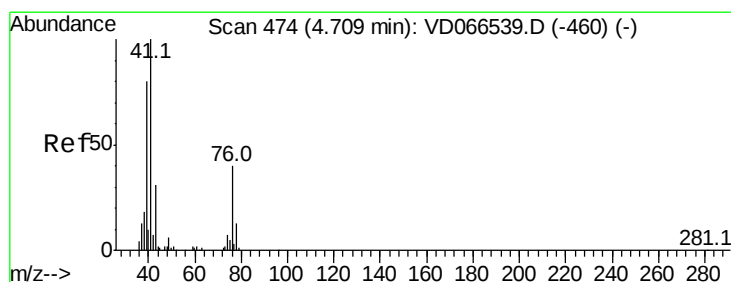
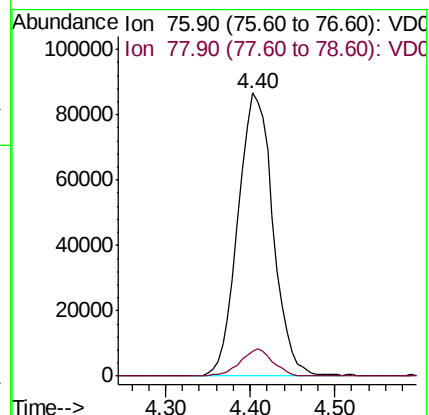
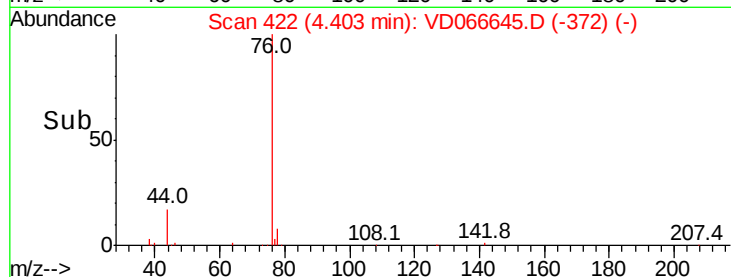
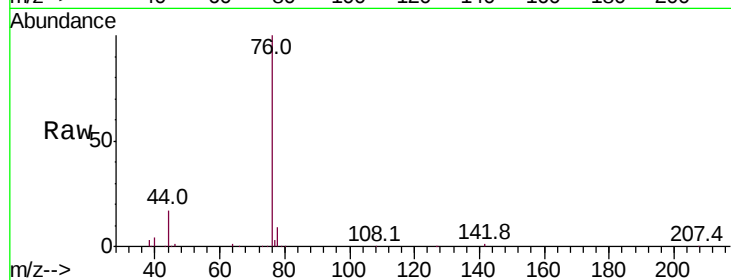
ClientSampleId :

Tot Ion: 76 Resp: 249107

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4



#18

Methyl Acetate

Concen: 22.450 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066645.D

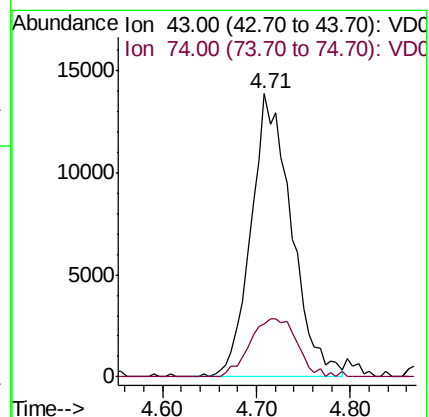
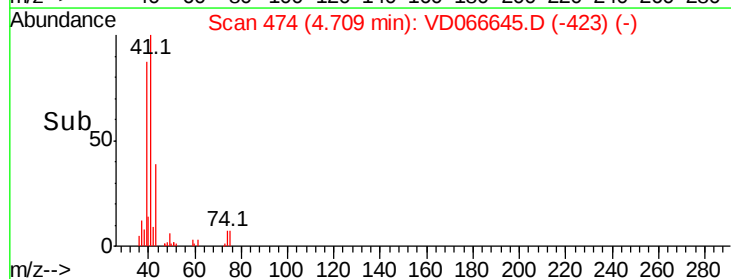
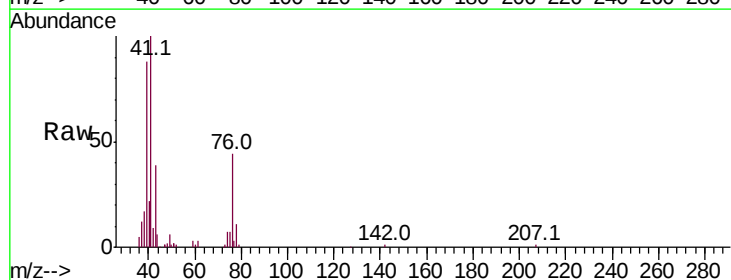
Acq: 11 Sep 2020 13:44

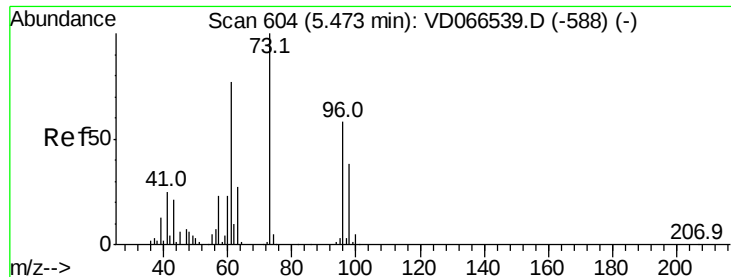
Tgt Ion: 43 Resp: 41202

Ion Ratio Lower Upper

43 100

74 24.1 18.0 27.0

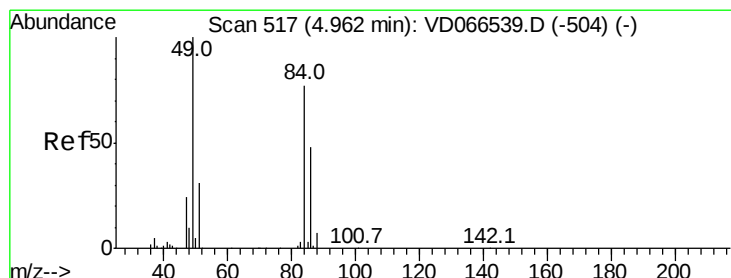
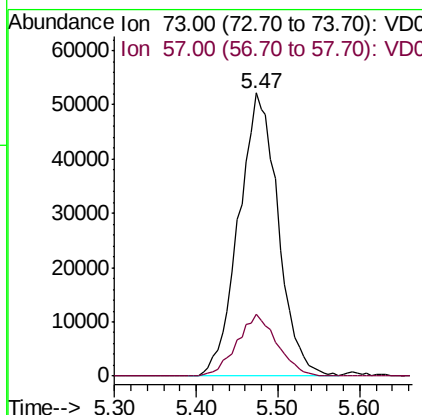
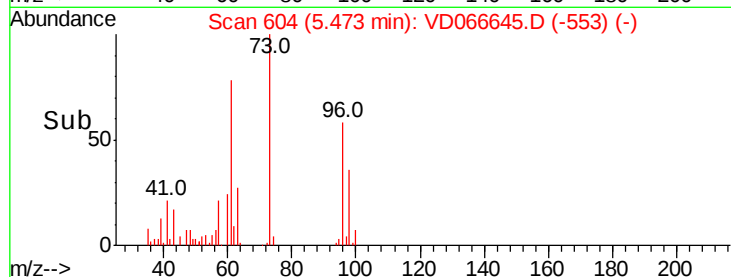
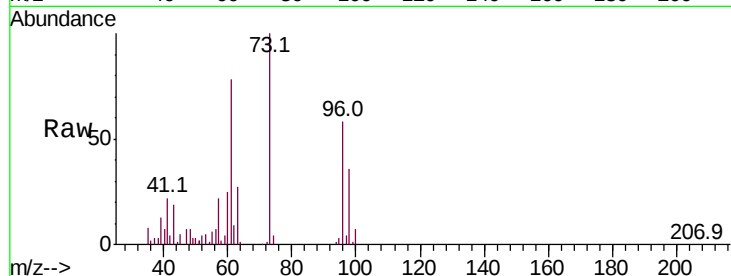




#19
Methvl tert-butvl Ether
Concen: 21.407 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

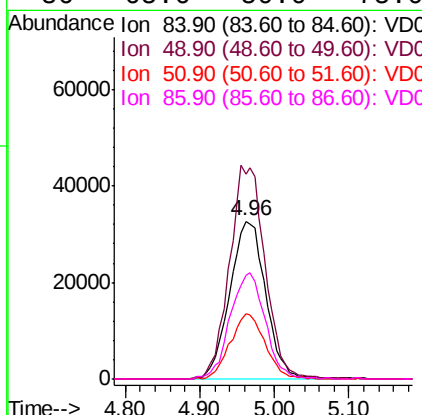
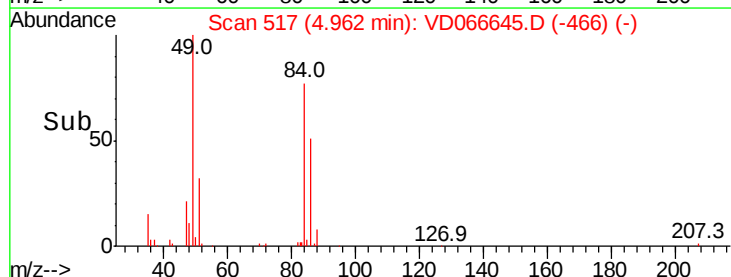
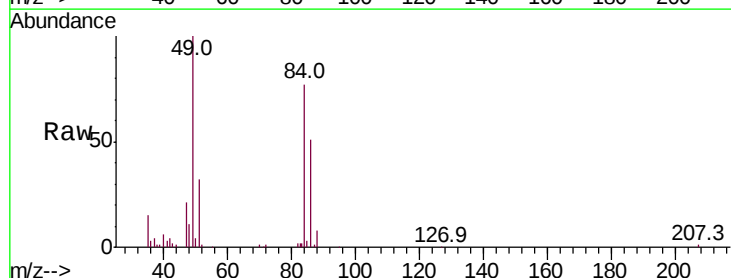
Instrument :
MSVOA_D
ClientSampleId :

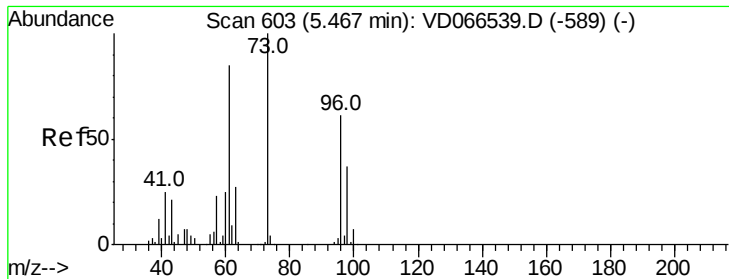
Tot Ion: 73 Resp: 174911
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5



#20
Methylene Chloride
Concen: 22.388 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 84 Resp: 109267
Ion Ratio Lower Upper
84 100
49 129.9 104.3 156.5
51 41.4 32.2 48.4
86 65.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 21.397 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

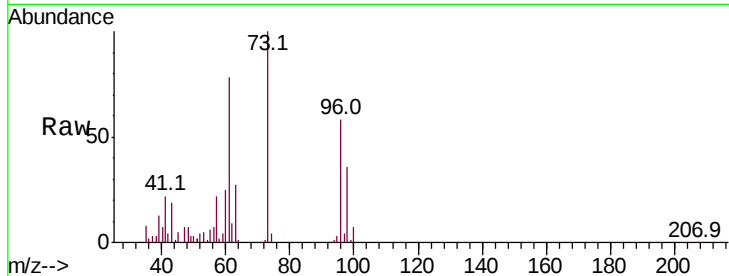
Tot Ion: 96 Resp: 88531

Ion Ratio Lower Upper

96 100

61 134.4 112.1 168.1

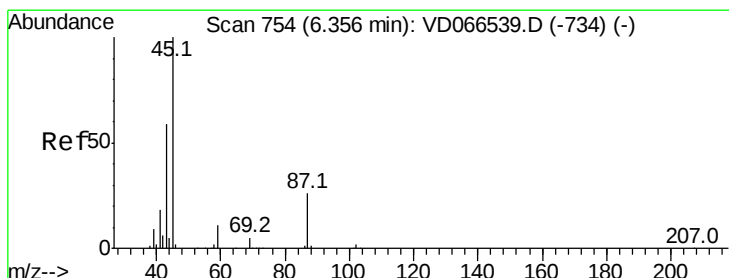
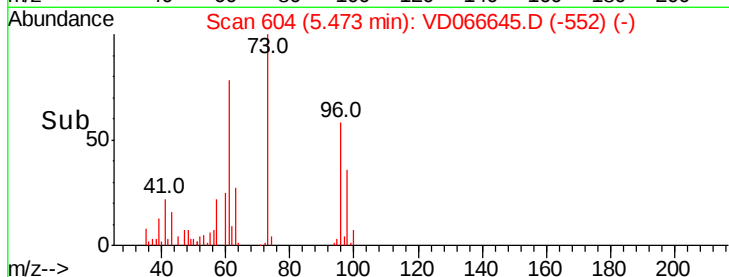
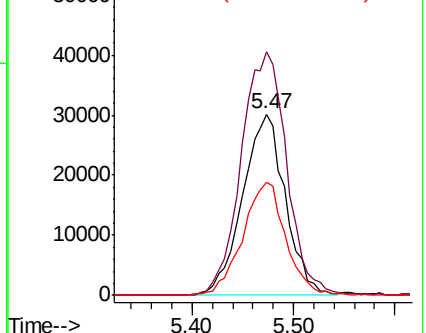
98 62.3 48.6 72.8



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: 22.094 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Tgt Ion: 45 Resp: 259443

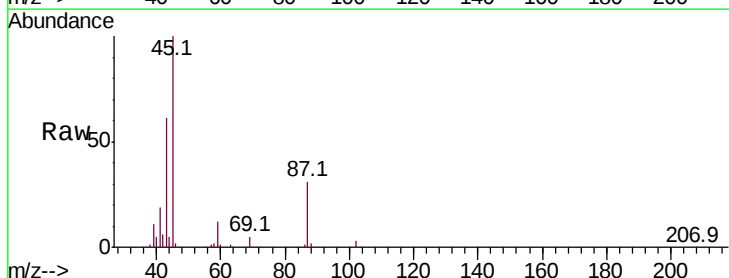
Ion Ratio Lower Upper

45 100

43 59.7 47.0 70.4

87 31.2 21.3 31.9

59 11.6 8.7 13.1

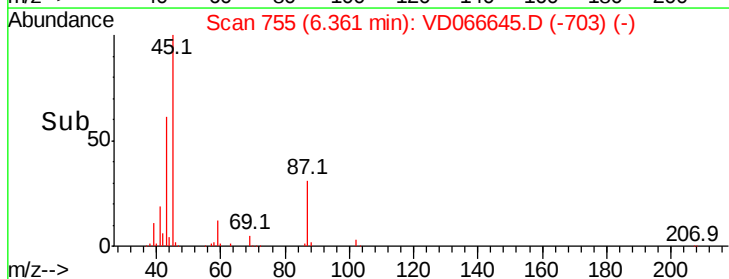
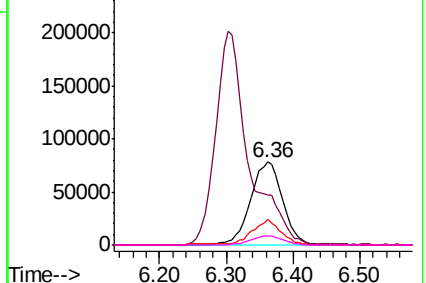


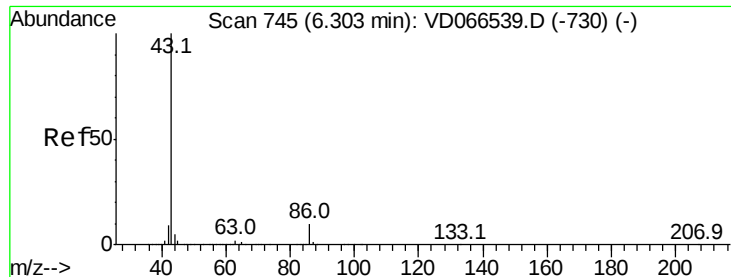
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 105.133 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

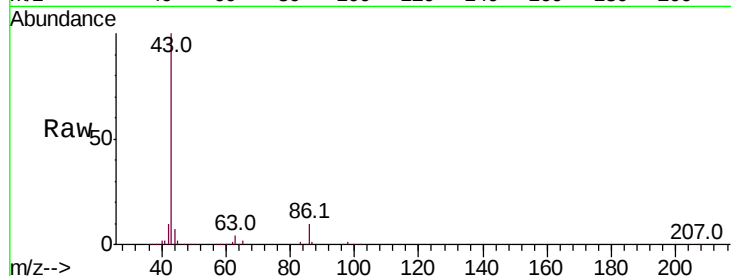
ClientSampled :

Tot Ion: 43 Resp: 702539

Ion Ratio Lower Upper

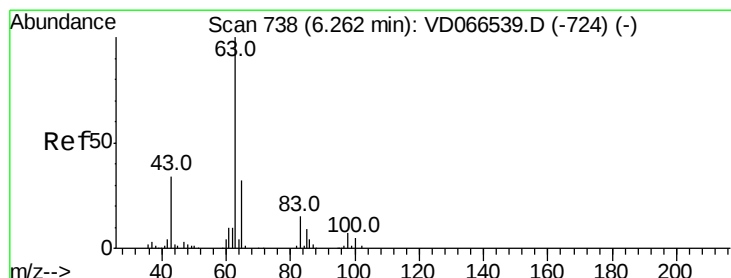
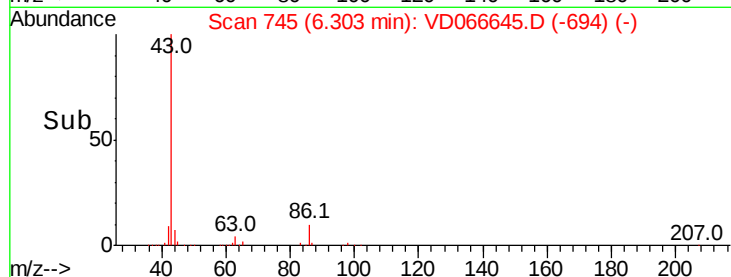
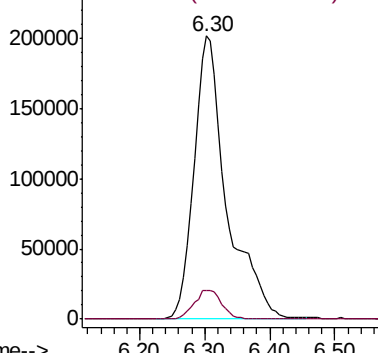
43 100

86 10.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.359 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

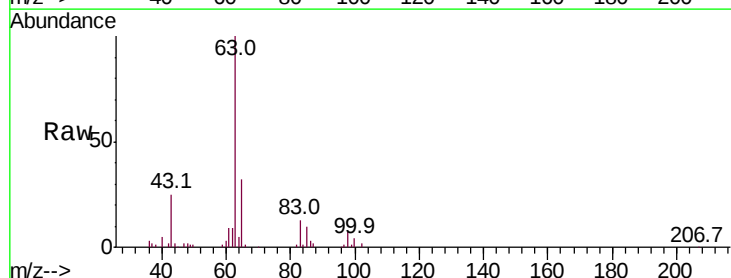
Tgt Ion: 63 Resp: 165109

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

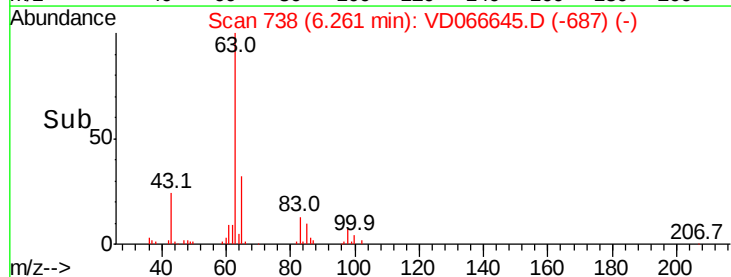
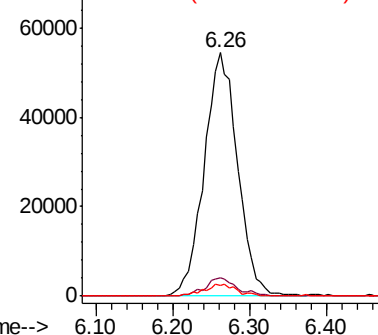
100 4.4 2.5 7.4

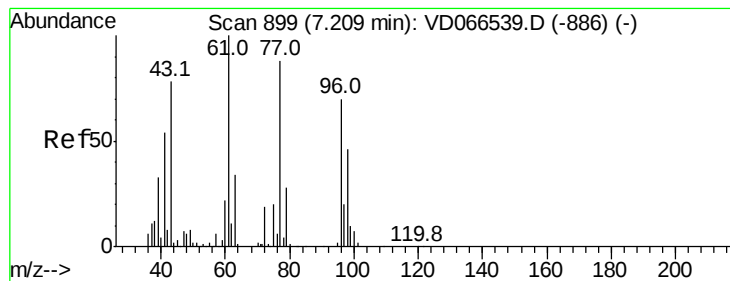


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 108.361 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

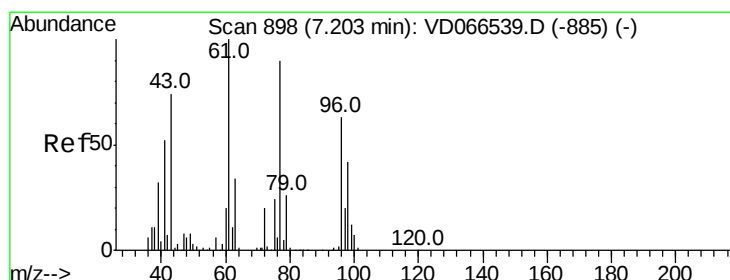
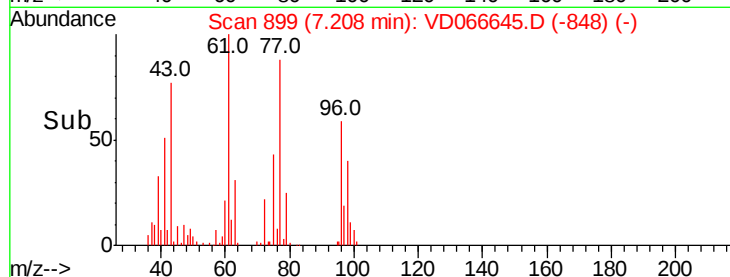
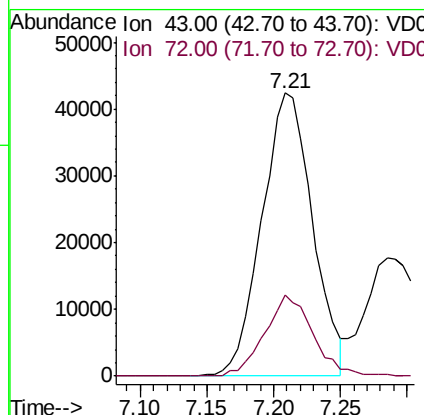
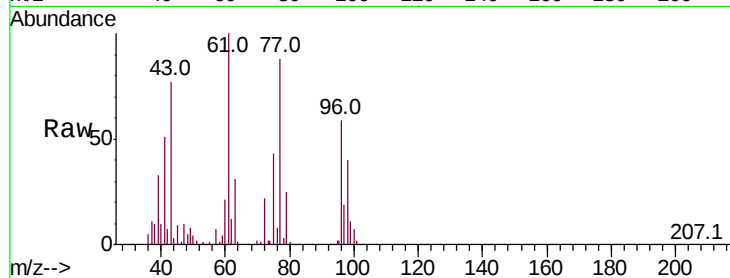
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 111989

Ion Ratio Lower Upper

43 100

72 28.8 19.8 29.6



#26

2,2-Dichloropropane

Concen: 21.631 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066645.D

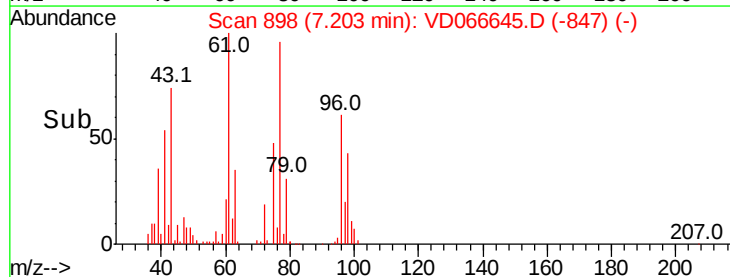
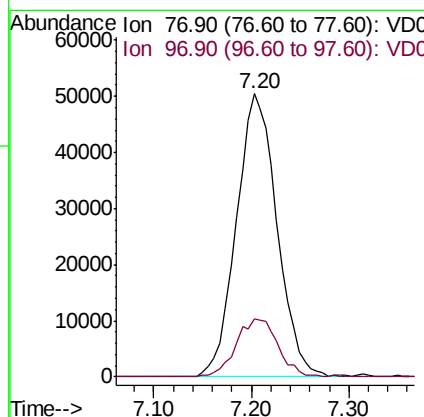
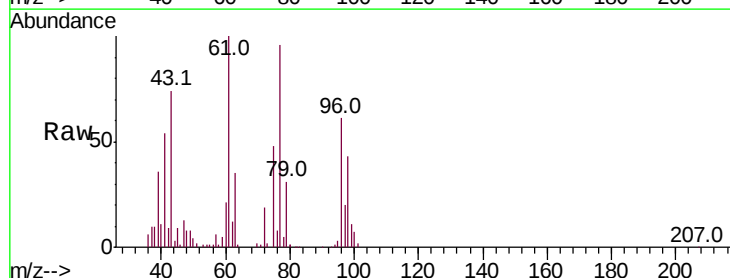
Acq: 11 Sep 2020 13:44

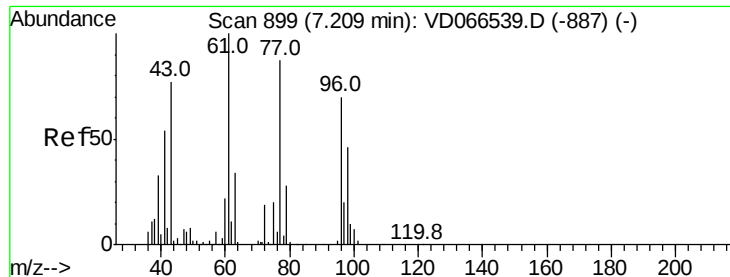
Tgt Ion: 77 Resp: 146520

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3



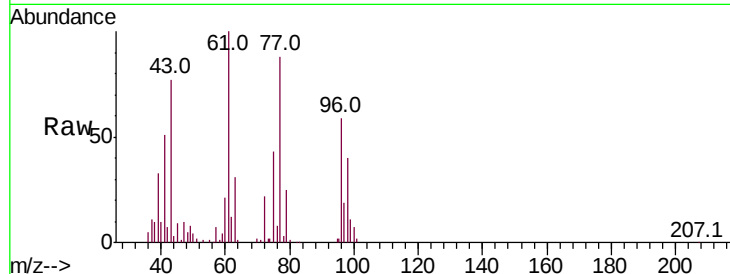


#27

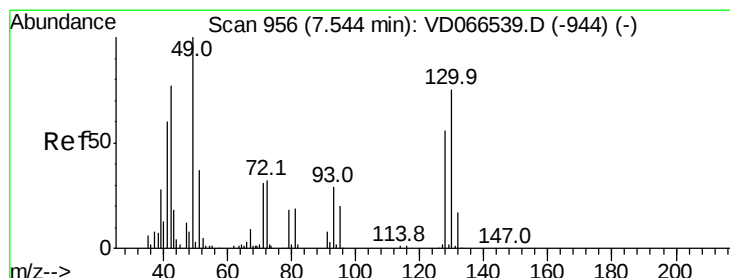
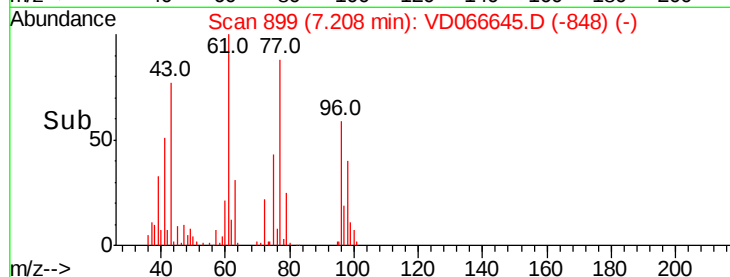
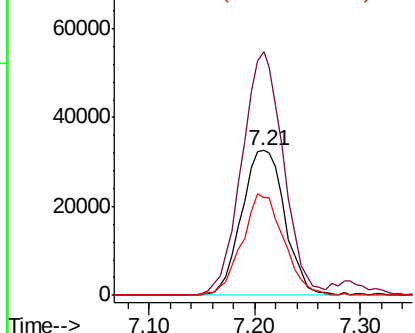
cis-1,2-Dichloroethene
 Concen: 20.789 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	96	Resp	92498
Ion Ratio	Lower	Upper	
96	100		
61	162.1	0.0	301.0
98	67.4	0.0	129.8



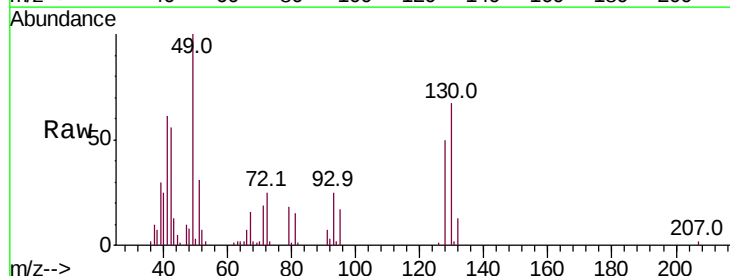
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



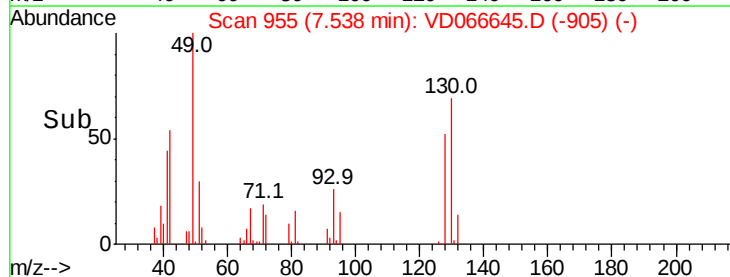
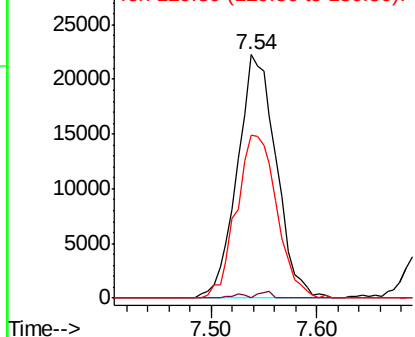
#28

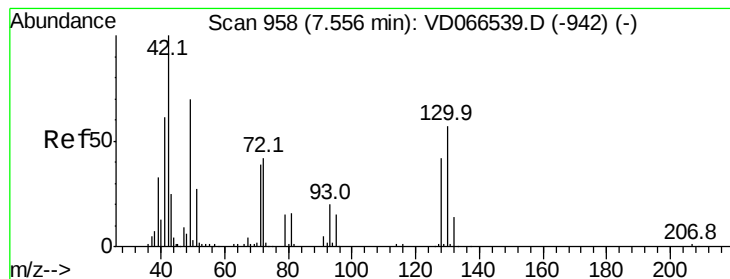
Bromochloromethane
 Concen: 19.932 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion	49	Resp	56667
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	2.6
130	69.6	58.2	87.2



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





#29

Tetrahydrofuran

Concen: 104.342 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

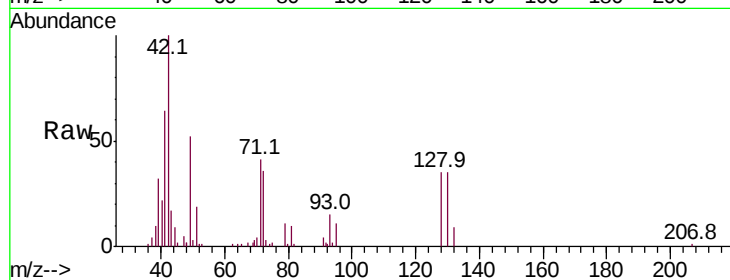
Tot Ion: 42 Resp: 67159

Ion Ratio Lower Upper

42 100

72 41.5 33.4 50.0

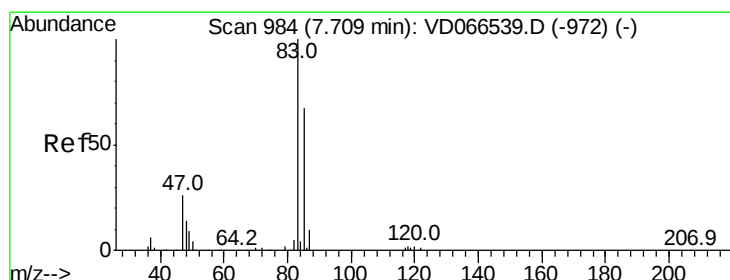
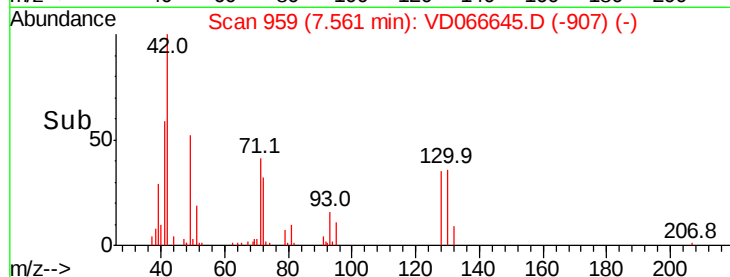
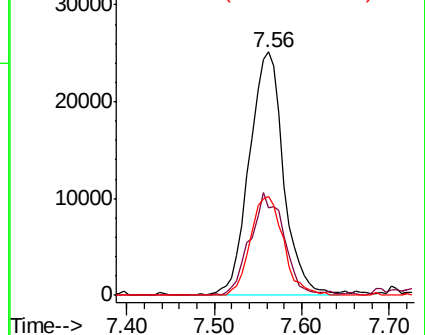
71 39.0 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.624 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066645.D

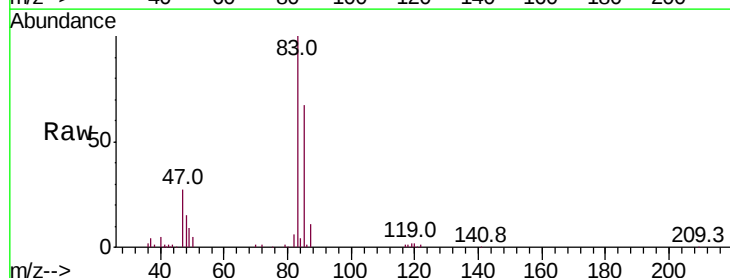
Acq: 11 Sep 2020 13:44

Tgt Ion: 83 Resp: 168934

Ion Ratio Lower Upper

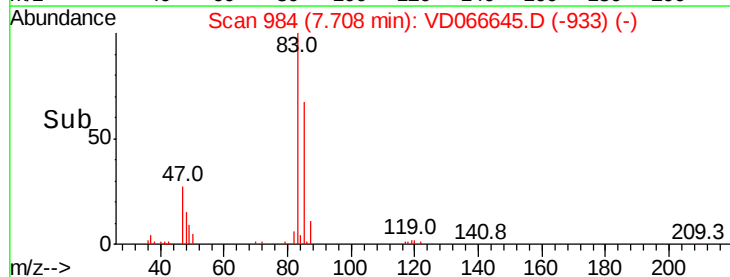
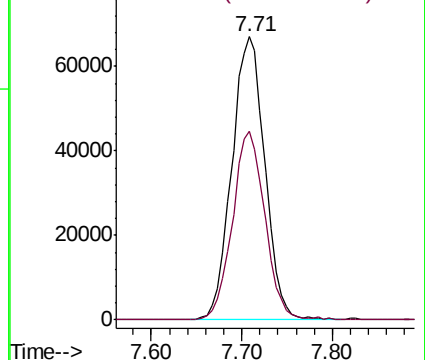
83 100

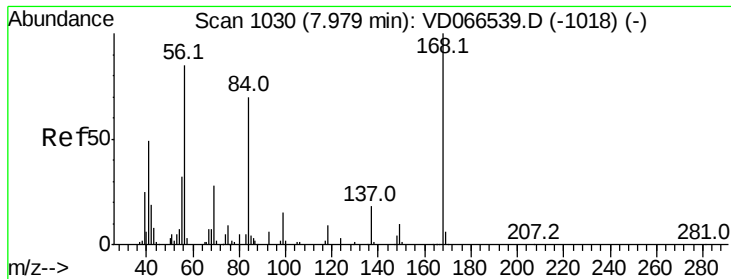
85 66.7 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

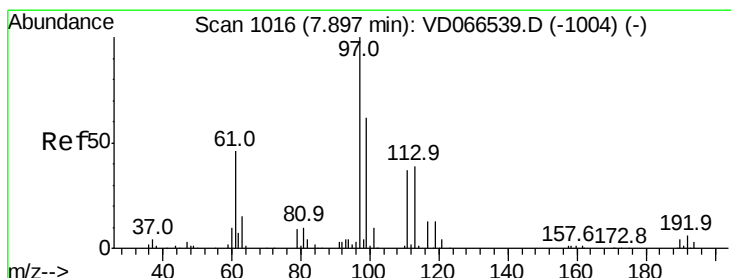
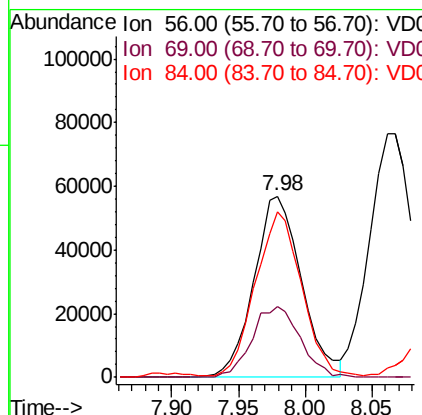
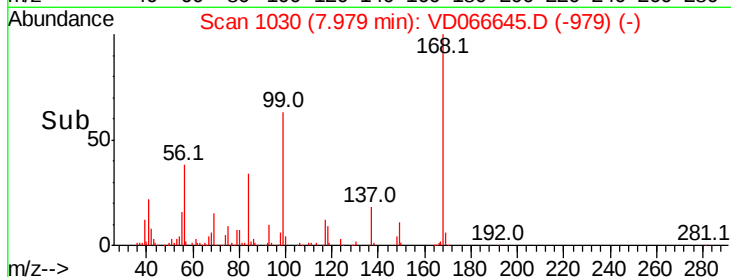
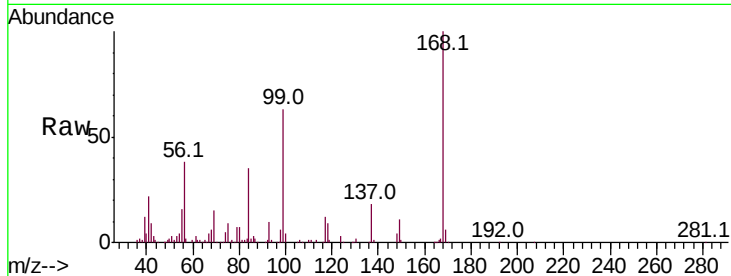




#31
Cyclohexane
Concen: 20.563 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

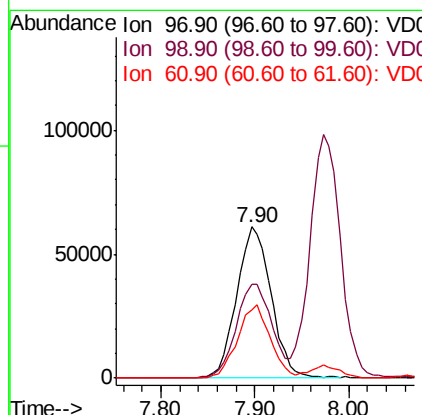
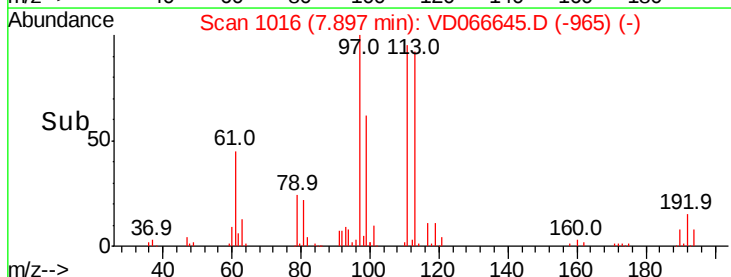
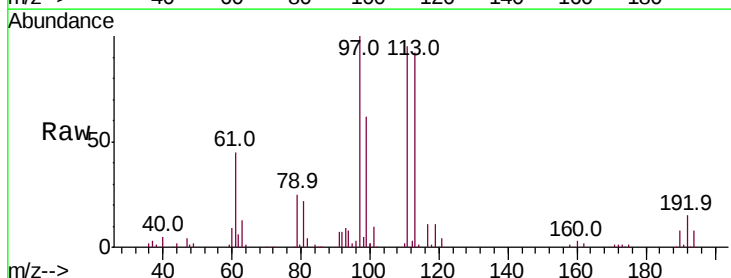
Instrument :
MSVOA_D
ClientSampleId :

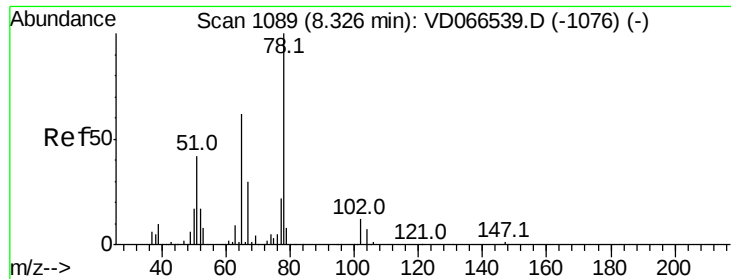
Tot Ion: 56 Resp: 140363
Ion Ratio Lower Upper
56 100
69 39.4 26.3 39.5
84 90.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 21.216 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 97 Resp: 155829
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 45.5 37.4 56.0

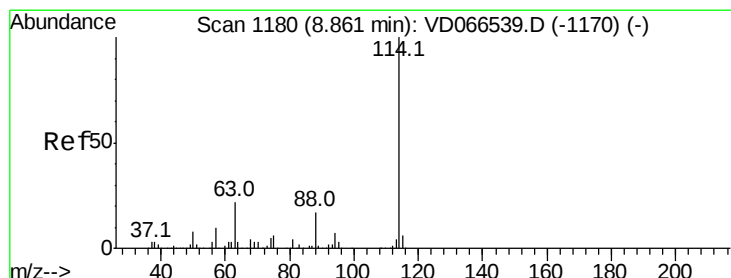
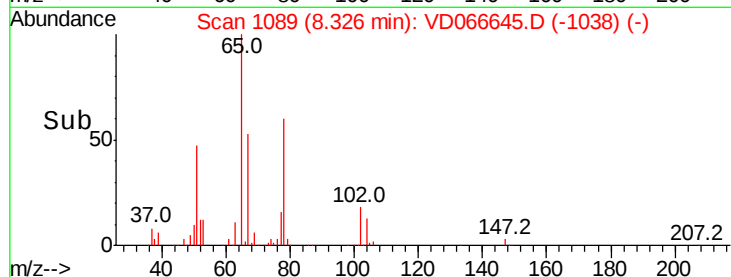
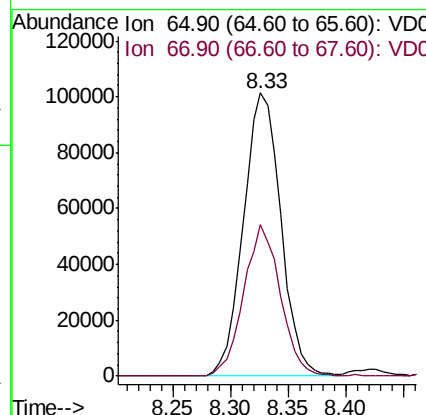
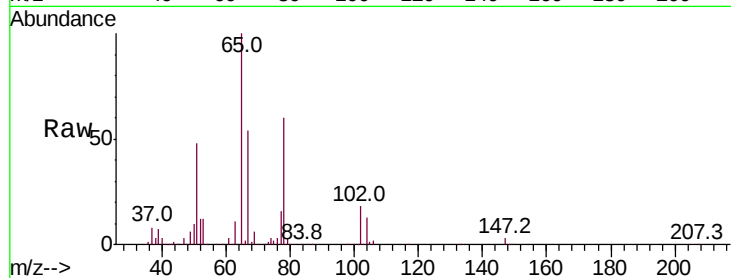




#33
 1,2-Dichloroethane-d4
 Concen: 54.753 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

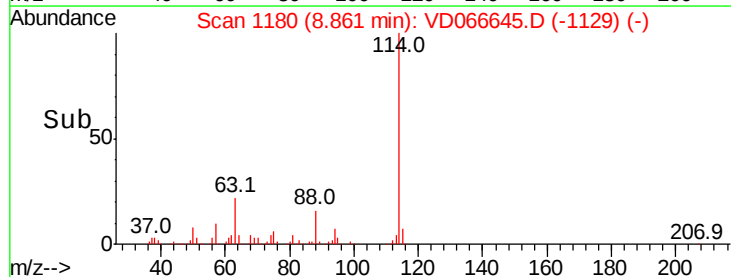
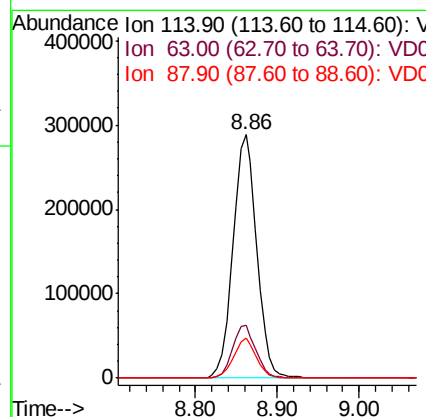
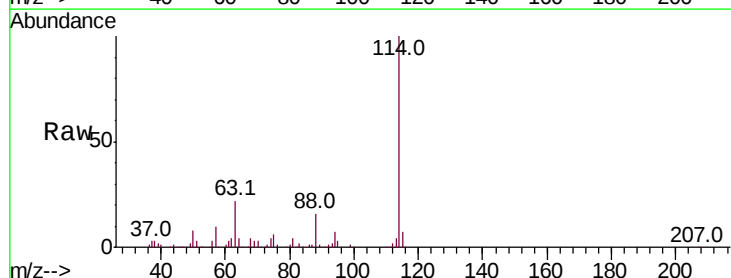
Instrument :
 MSVOA_D
 ClientSampleId :

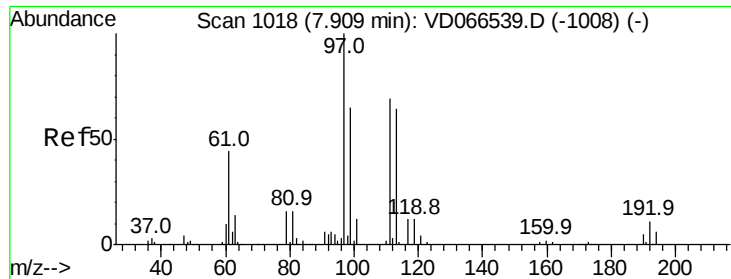
Tot Ion: 65 Resp: 229099
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 114 Resp: 582269
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.4 0.0 33.2

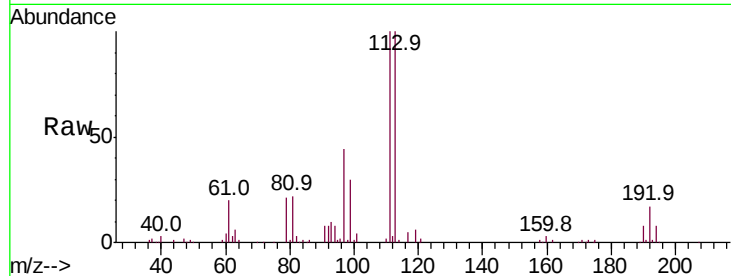




#35
 Dibromofluoromethane
 Concen: 54.696 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.2	124.8
192	18.3	13.7	20.5

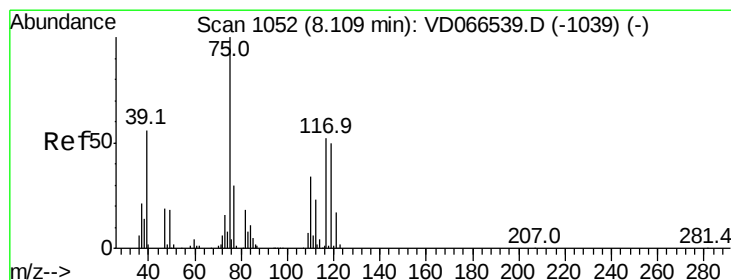
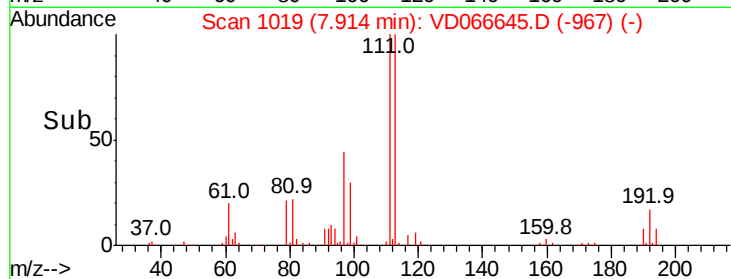
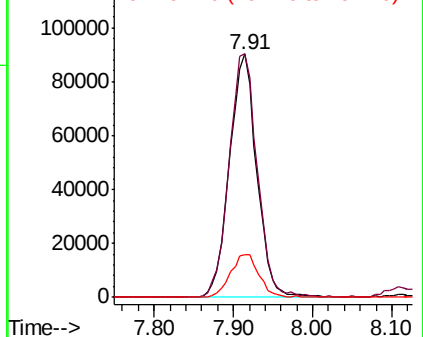


Abundance

Ion 112.80 (112.50 to 113.50): V

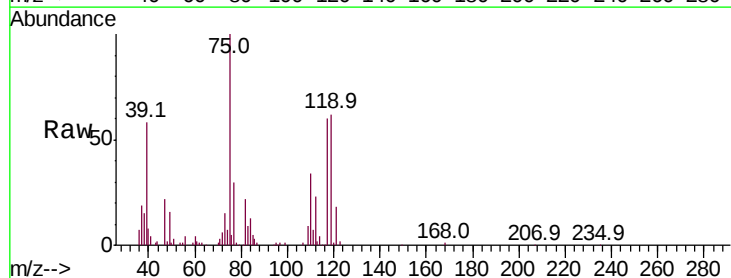
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.421 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.3	52.0
77	31.3	25.1	37.7

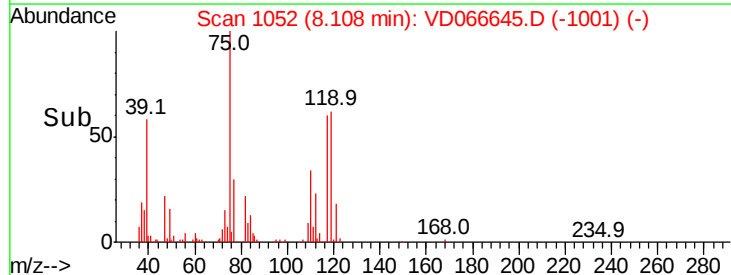
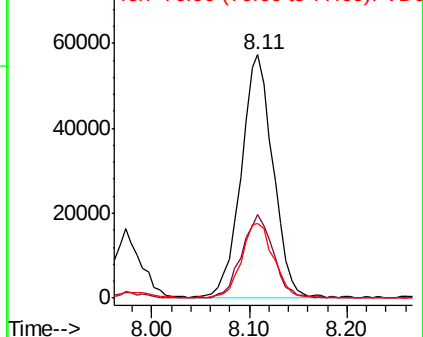


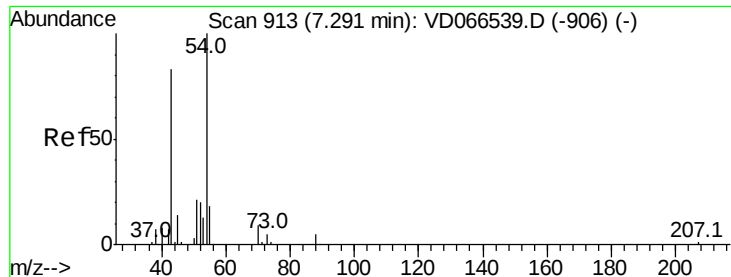
Abundance

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

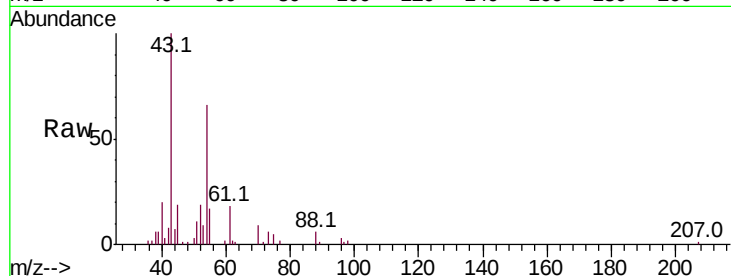




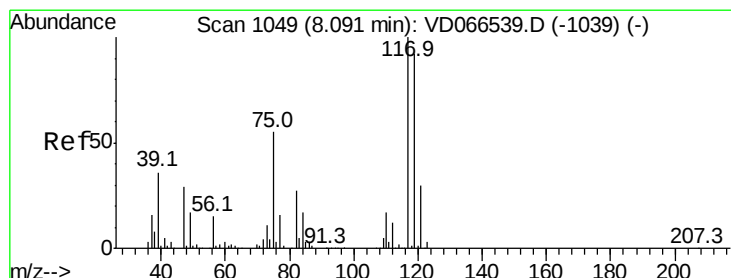
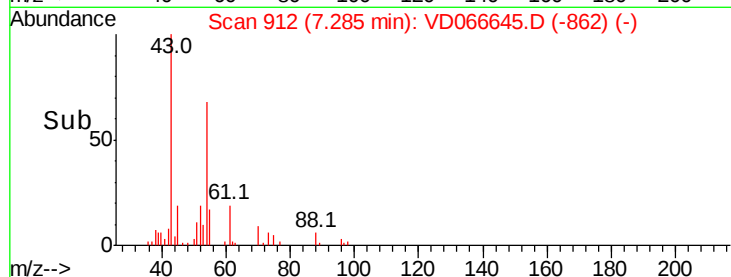
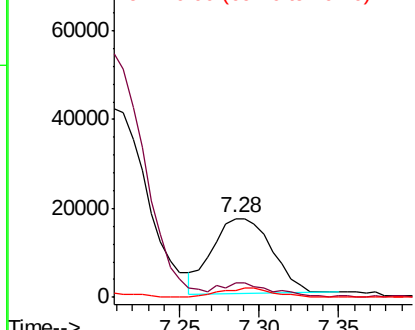
#37
Ethyl Acetate
Concen: 18.392 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 44378
Ion Ratio Lower Upper
43 100
61 17.2 11.8 17.8
70 11.2 7.9 11.9

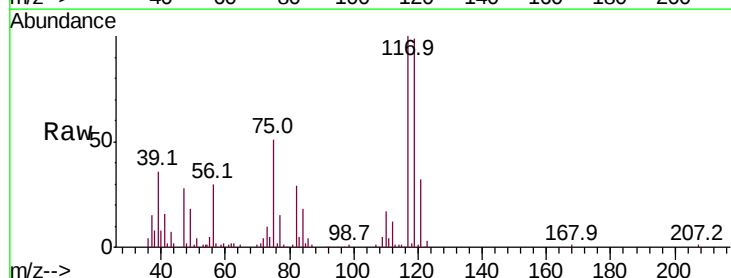


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

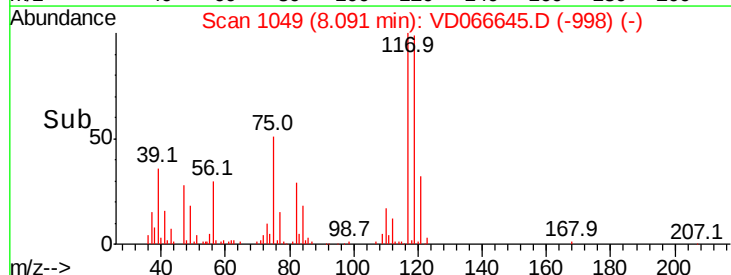
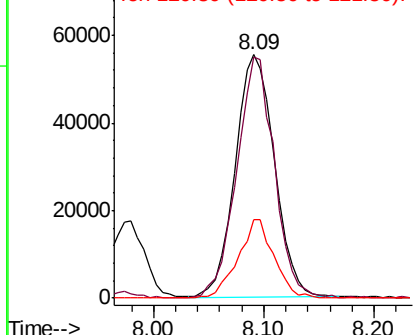


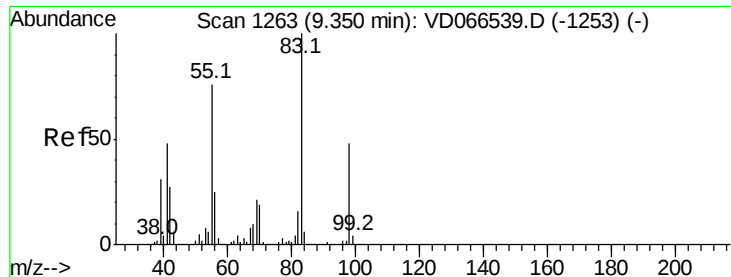
#38
Carbon Tetrachloride
Concen: 21.602 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 117 Resp: 138360
Ion Ratio Lower Upper
117 100
119 99.5 73.9 110.9
121 32.3 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

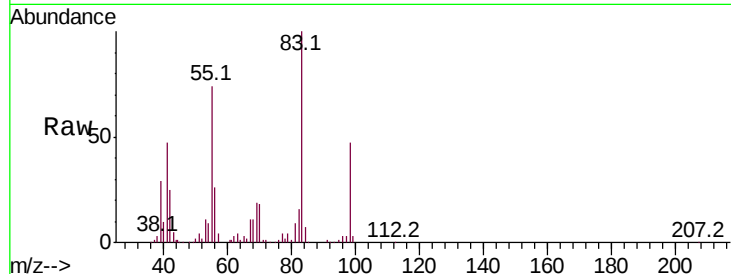




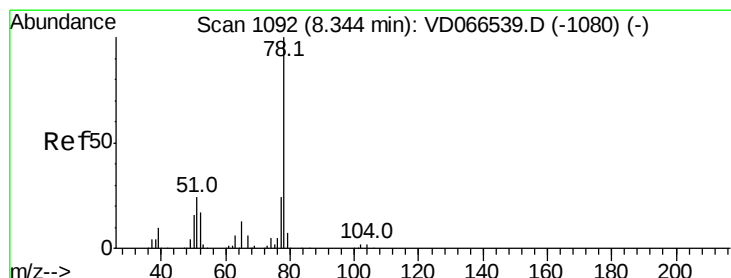
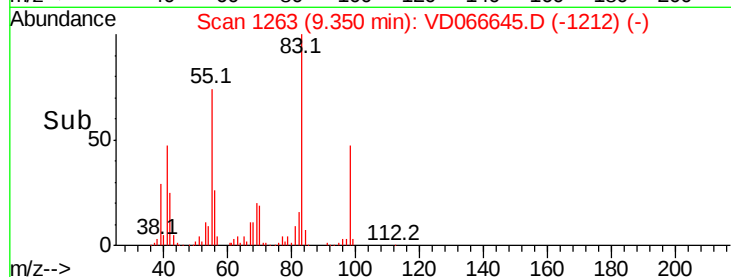
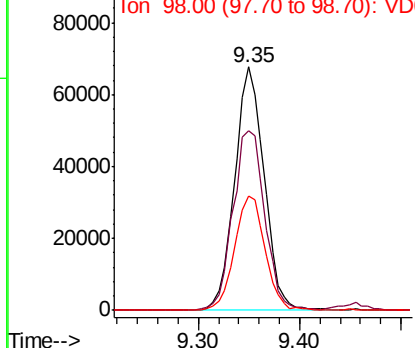
#39
Methvlcvclohexane
Concen: 20.200 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 136682
Ion Ratio Lower Upper
83 100
55 74.0 60.8 91.2
98 47.2 38.6 58.0

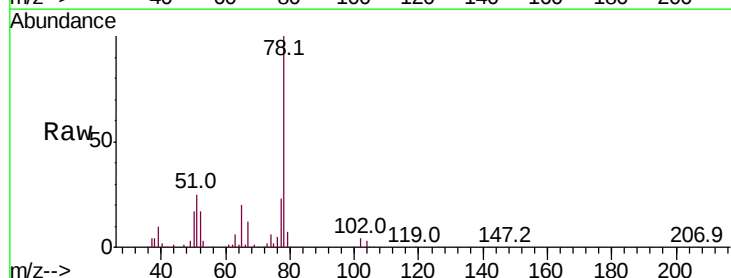


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

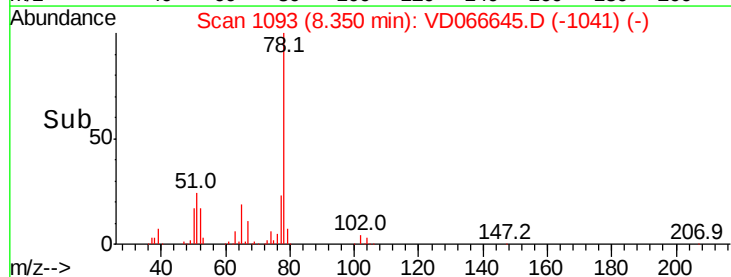
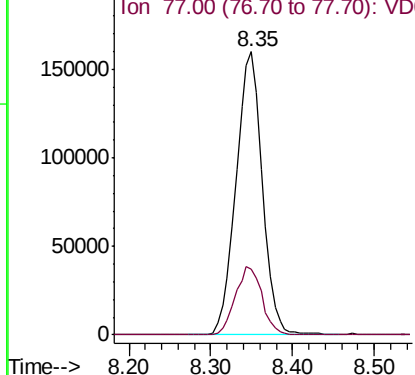


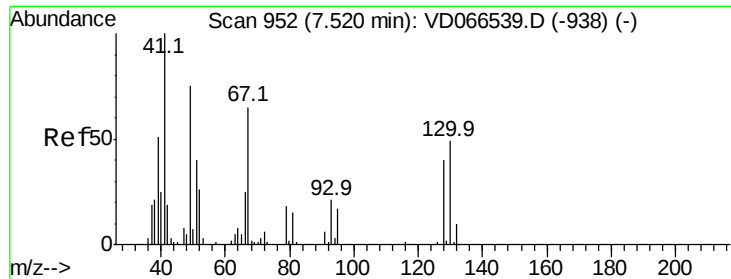
#40
Benzene
Concen: 21.557 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 78 Resp: 357760
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7



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

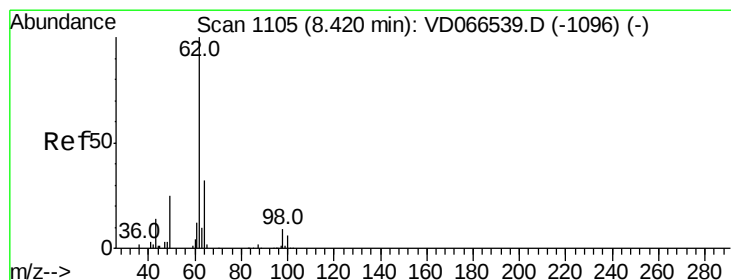
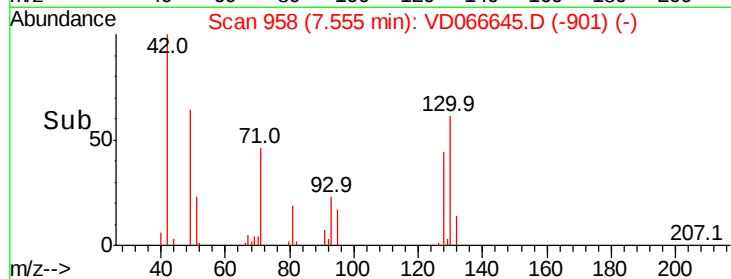
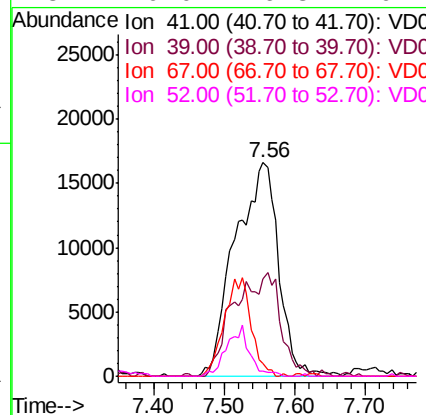
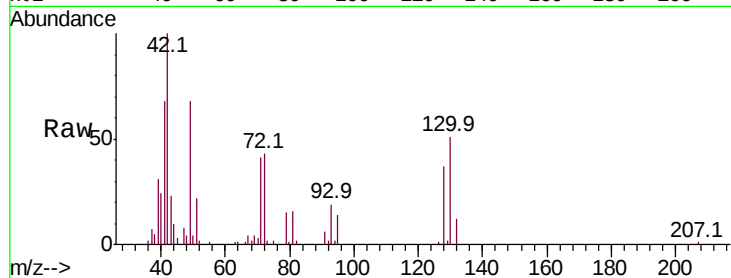




#41
Methacrylonitrile
Concen: 60.591 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

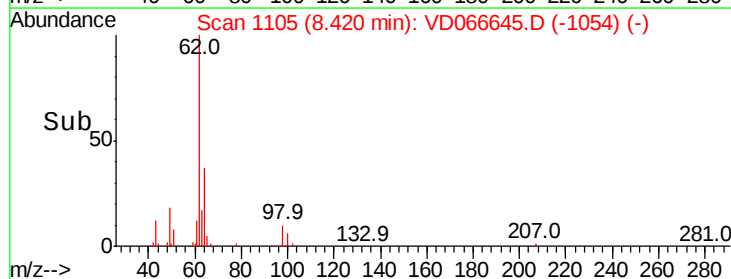
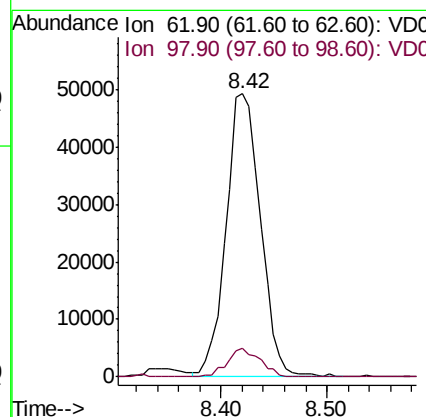
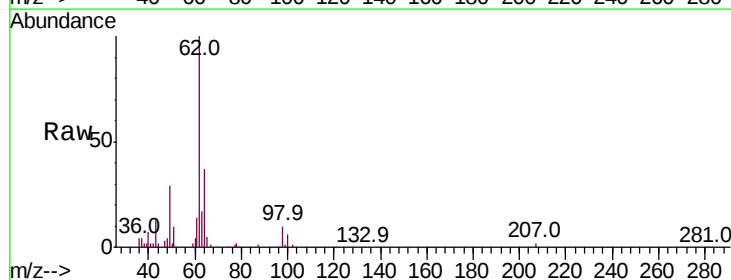
Instrument :
MSVOA_D
ClientSampleId :

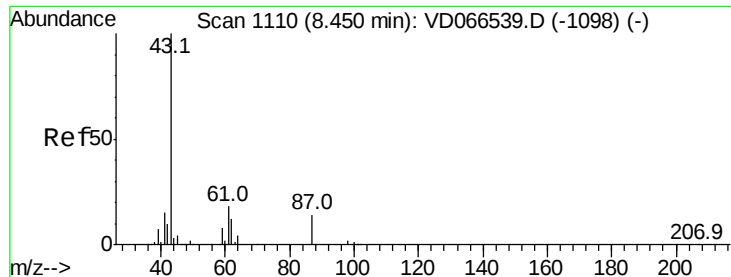
Tot Ion: 41 Resp: 70770
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 62 Resp: 111123
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.444 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

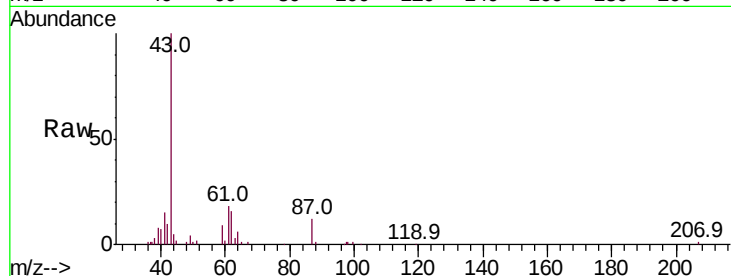
Tot Ion: 43 Resp: 94533

Ion Ratio Lower Upper

43 100

61 31.4 23.8 35.8

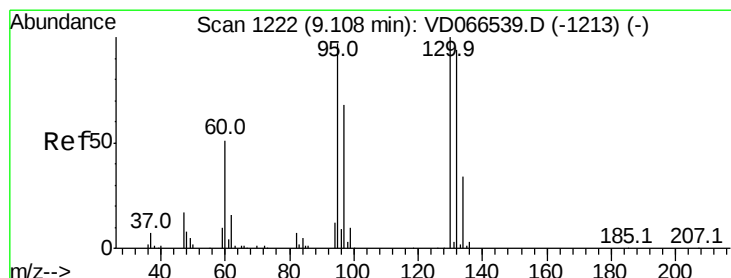
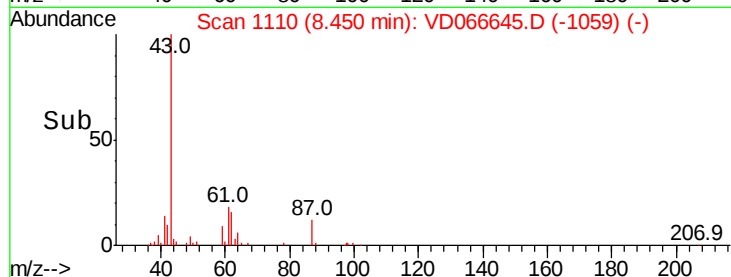
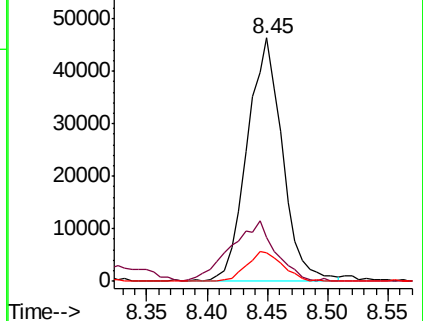
87 12.6 10.7 16.1



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: 21.193 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066645.D

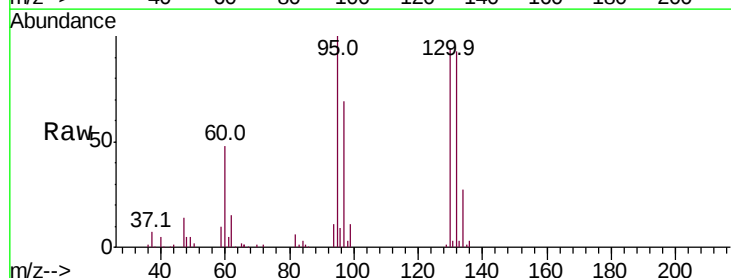
Acq: 11 Sep 2020 13:44

Tgt Ion:130 Resp: 92259

Ion Ratio Lower Upper

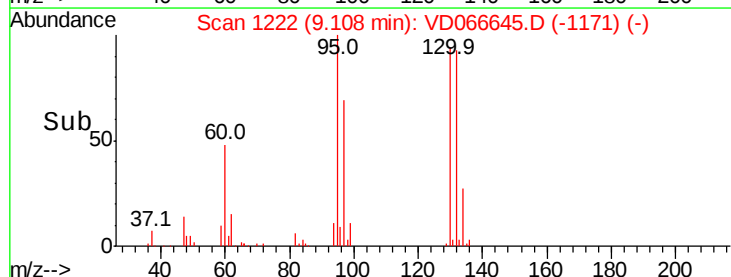
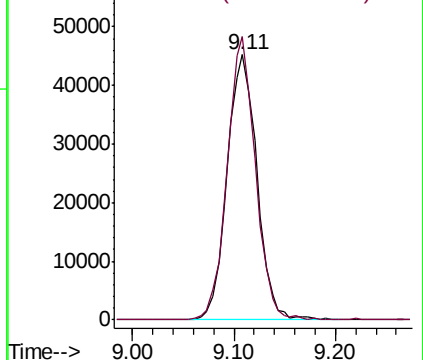
130 100

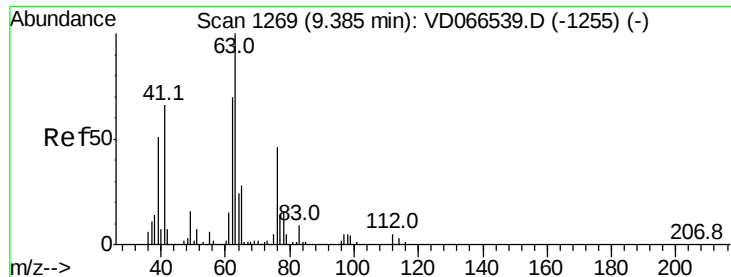
95 106.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.708 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

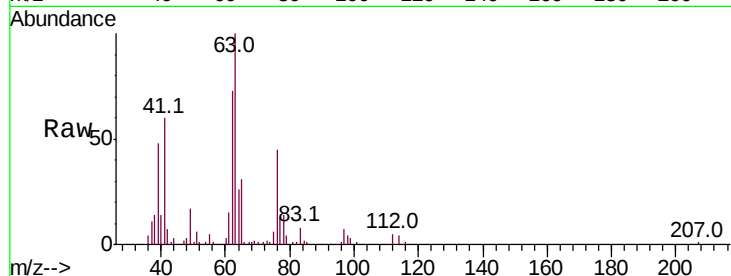
ClientSampleId :

Tot Ion: 63 Resp: 90599

Ion Ratio Lower Upper

63 100

65 30.8 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

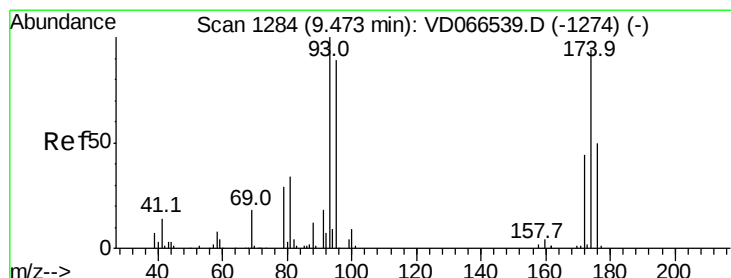
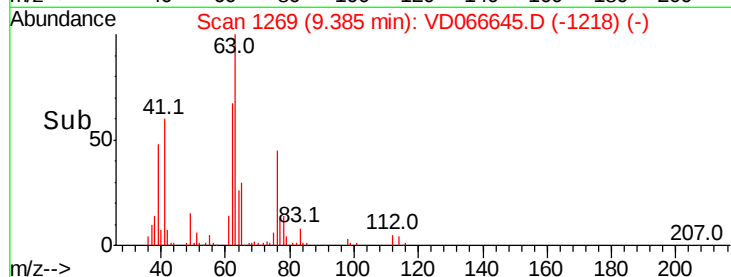
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.354 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

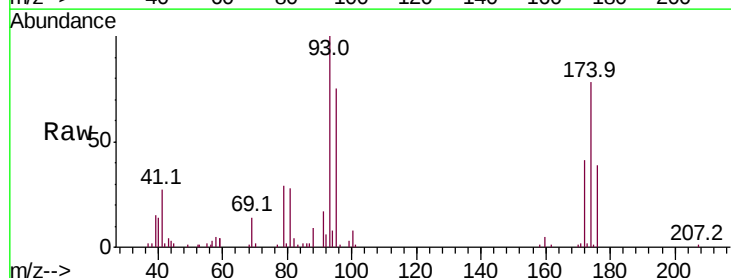
Tgt Ion: 93 Resp: 49170

Ion Ratio Lower Upper

93 100

95 81.5 68.7 103.1

174 83.8 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

9.47

30000

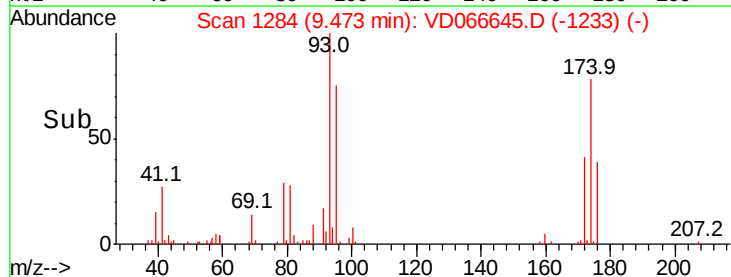
20000

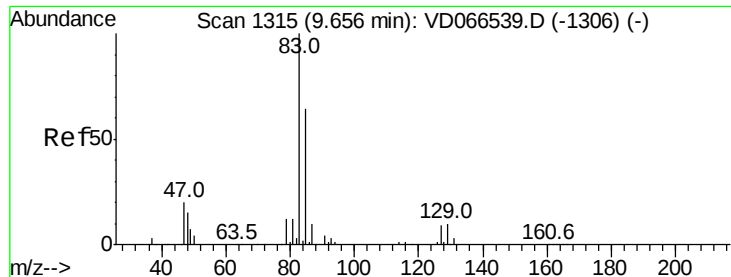
10000

0

9.35 9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.795 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :

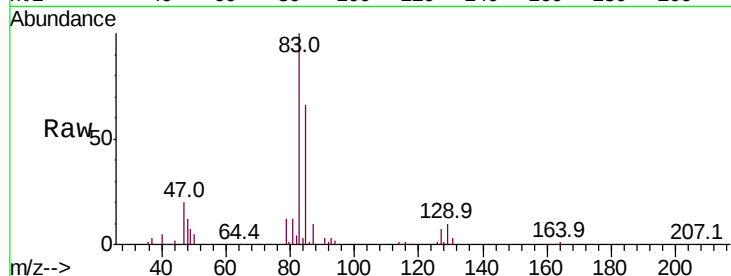
Tot Ion: 83 Resp: 129548

Ion Ratio Lower Upper

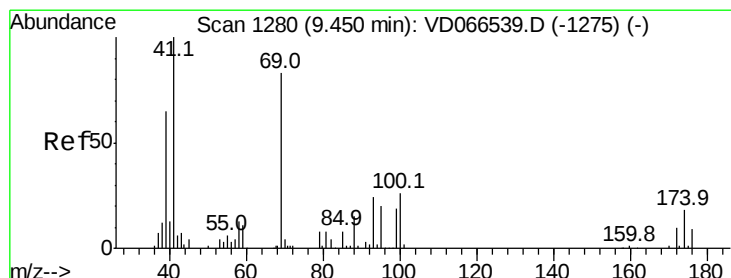
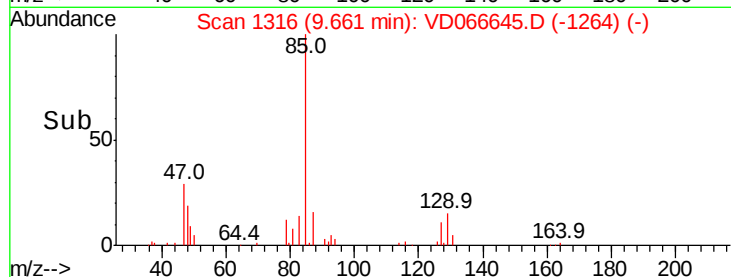
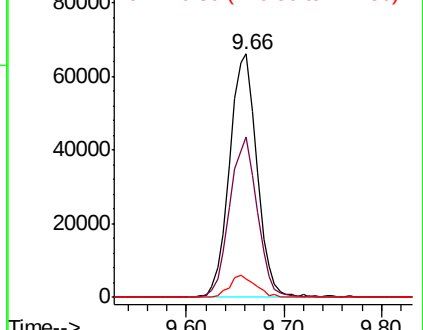
83 100

85 66.1 51.1 76.7

127 7.4 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: 21.459 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

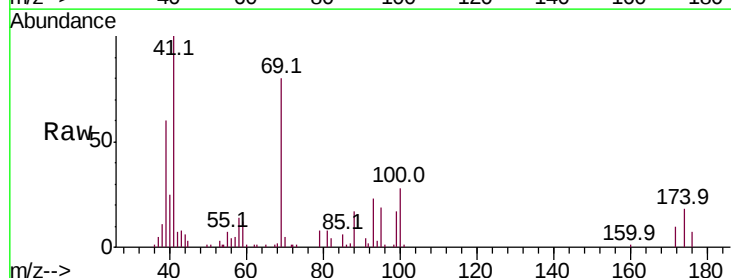
Tgt Ion: 41 Resp: 50176

Ion Ratio Lower Upper

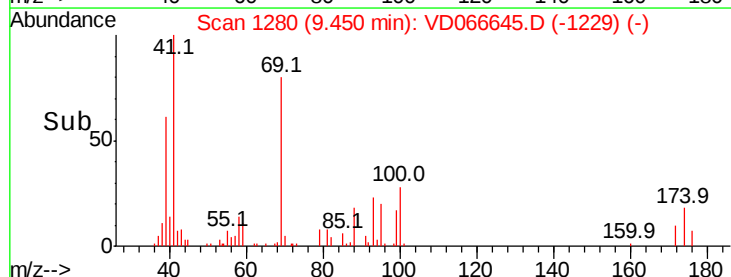
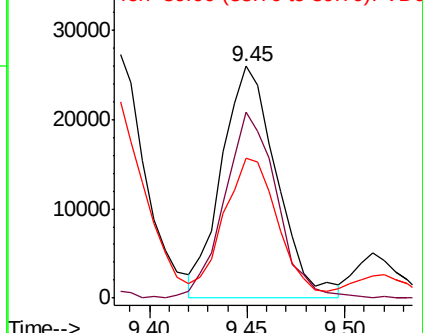
41 100

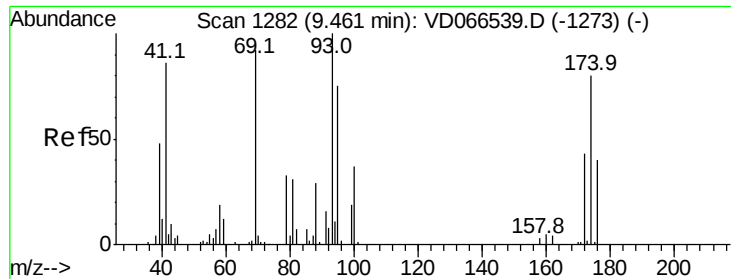
69 76.9 64.5 96.7

39 54.3 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

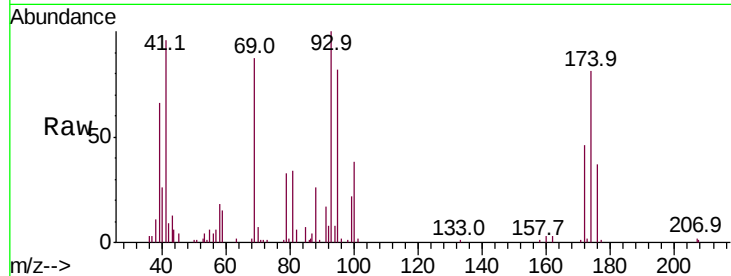




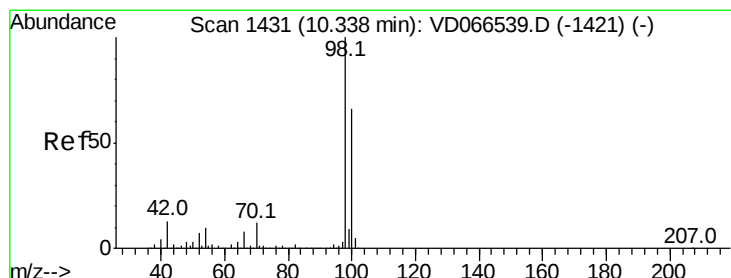
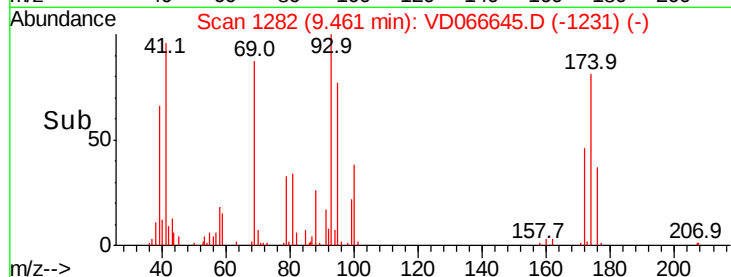
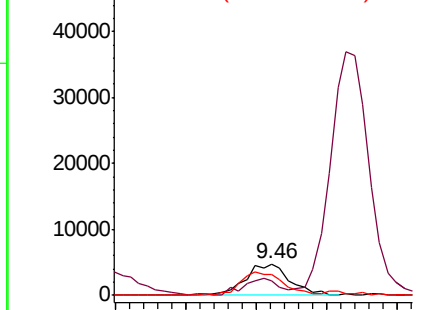
#49
 1,4-Dioxane
 Concen: 413.870 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 88 Resp: 10455
 Ion Ratio Lower Upper
 88 100
 43 43.0 28.3 42.5#
 58 71.9 56.1 84.1

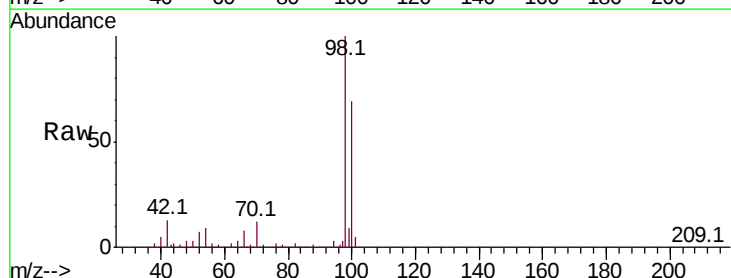


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

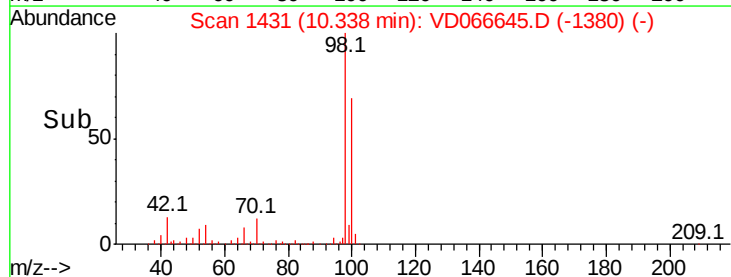
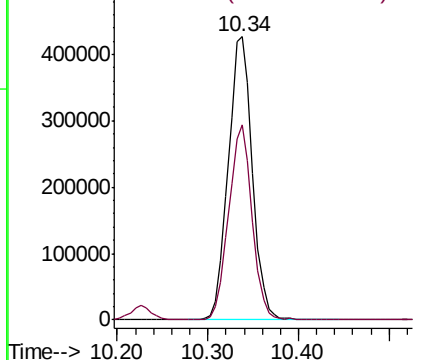


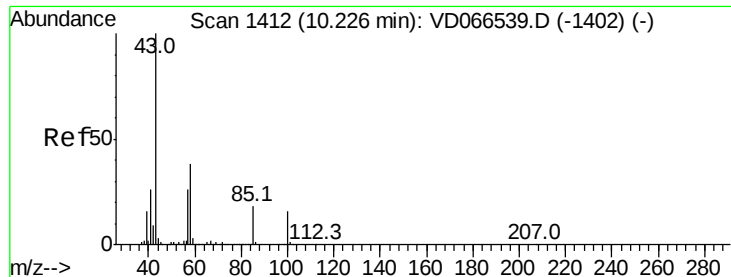
#50
 Toluene-d8
 Concen: 56.332 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 98 Resp: 790864
 Ion Ratio Lower Upper
 98 100
 100 66.7 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: 106.480 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

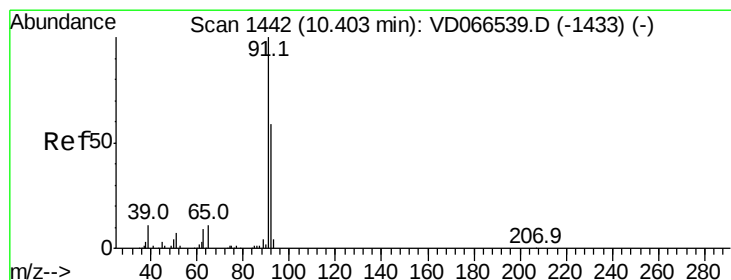
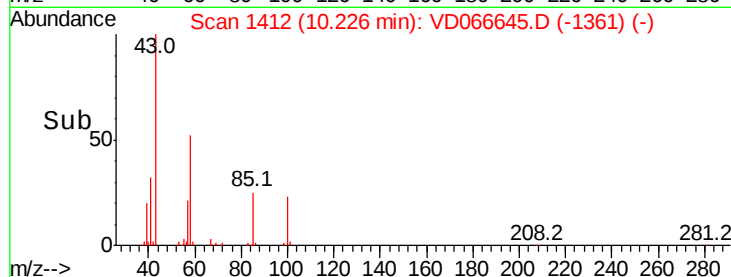
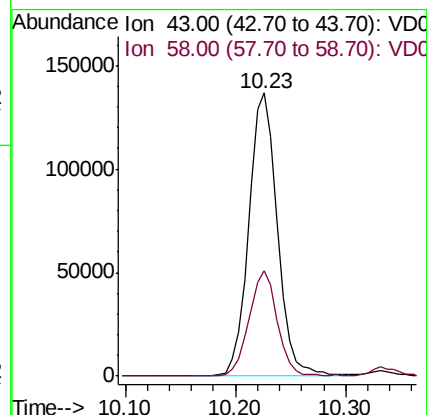
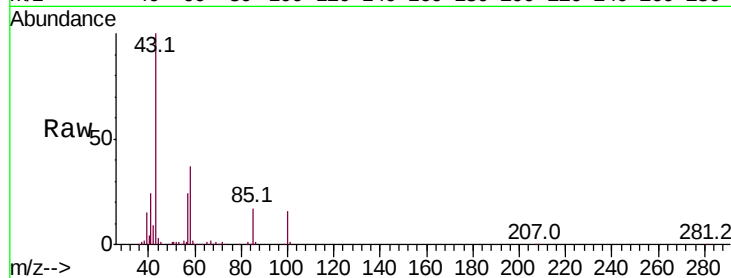
ClientSampleId :

Tot Ion: 43 Resp: 248320

Ion Ratio Lower Upper

43 100

58 36.8 30.5 45.7



#52

Toluene

Concen: 21.806 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066645.D

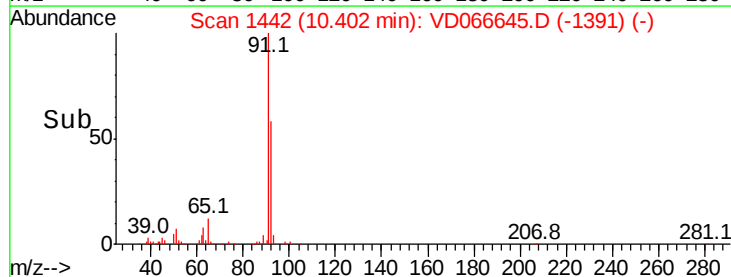
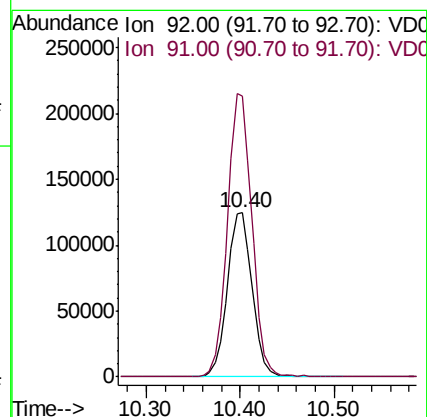
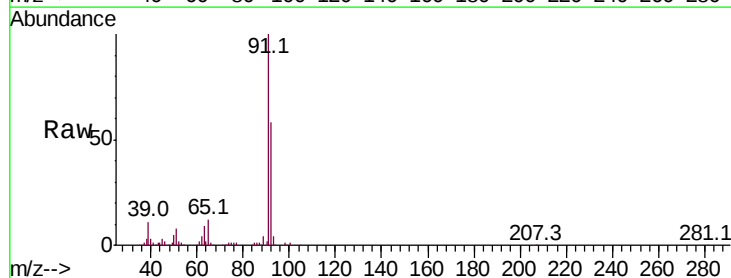
Acq: 11 Sep 2020 13:44

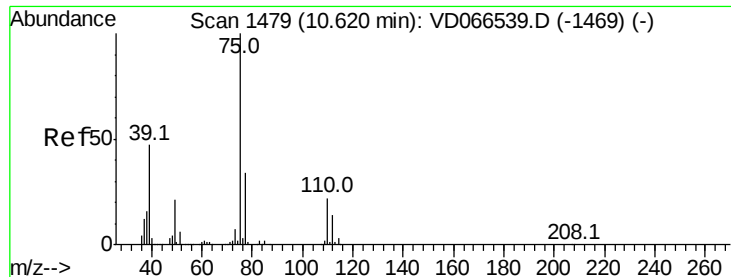
Tgt Ion: 92 Resp: 229081

Ion Ratio Lower Upper

92 100

91 170.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 21.336 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

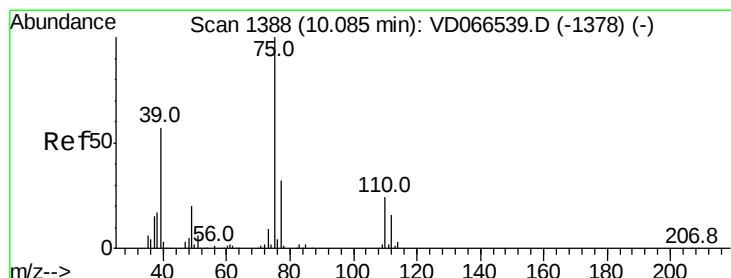
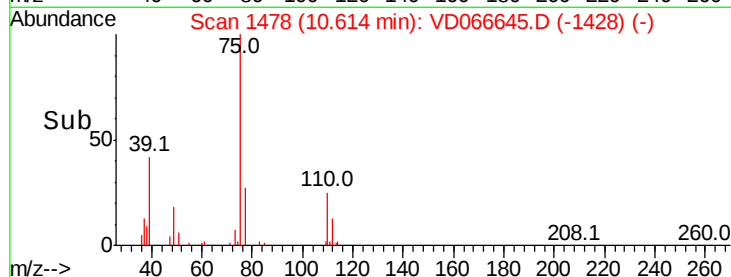
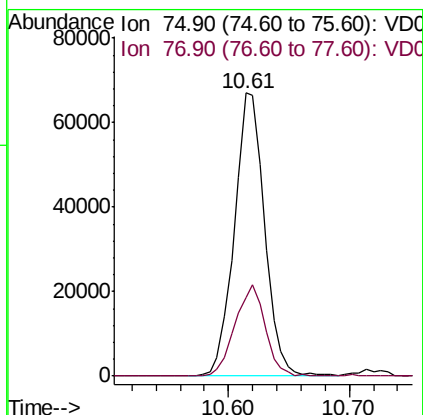
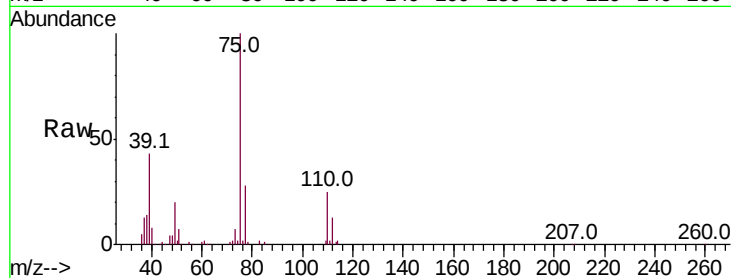
ClientSampleId :

Tot Ion: 75 Resp: 117336

Ion Ratio Lower Upper

75 100

77 27.6 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 20.793 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

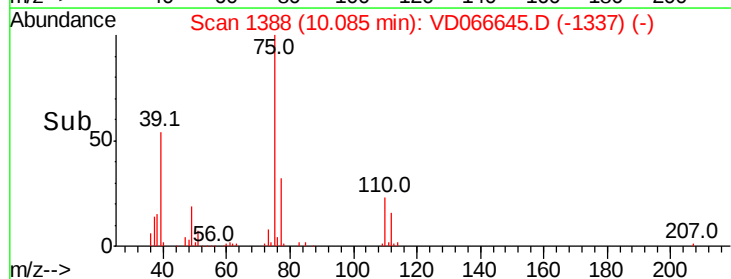
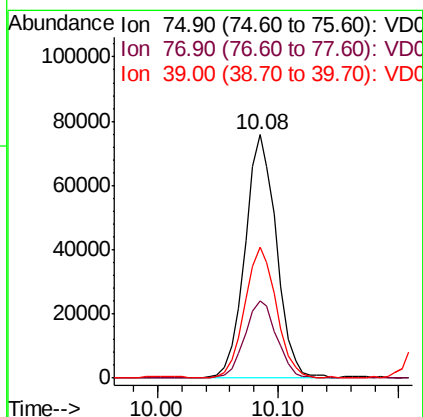
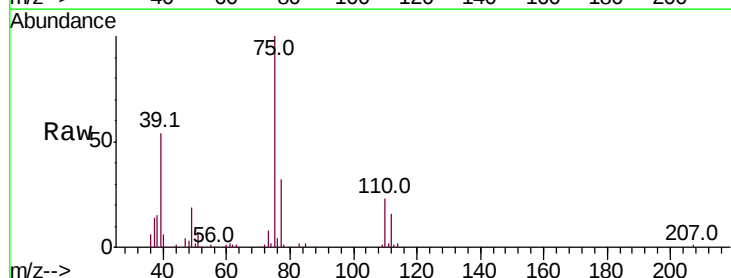
Tgt Ion: 75 Resp: 137324

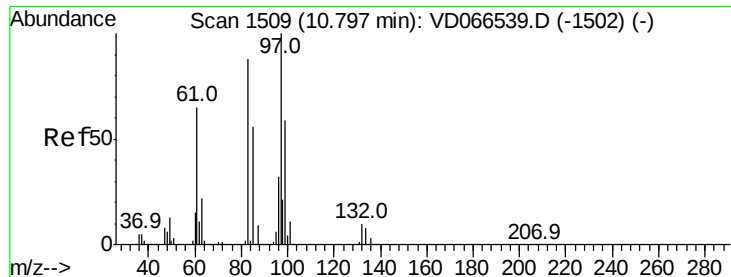
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 53.6 45.4 68.0

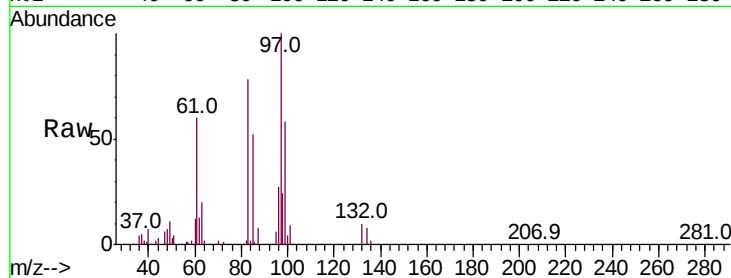




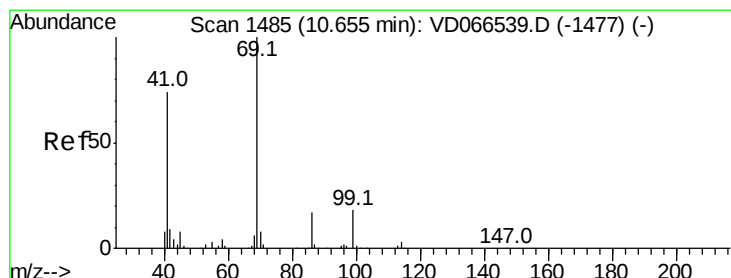
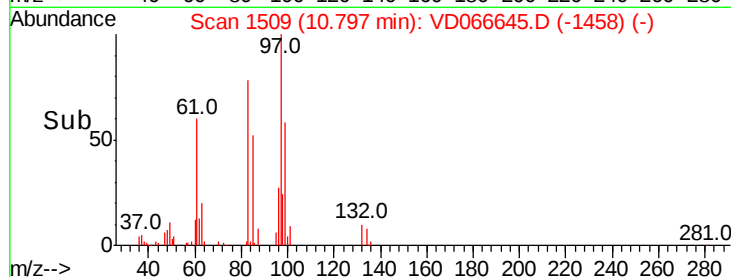
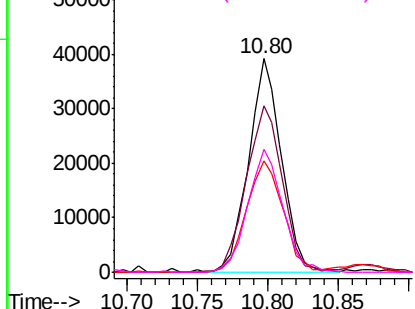
#55
 1,1,2-Trichloroethane
 Concen: 21.701 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 64249
 Ion Ratio Lower Upper
 97 100
 83 78.1 70.1 105.1
 85 52.0 44.5 66.7
 99 57.7 47.1 70.7

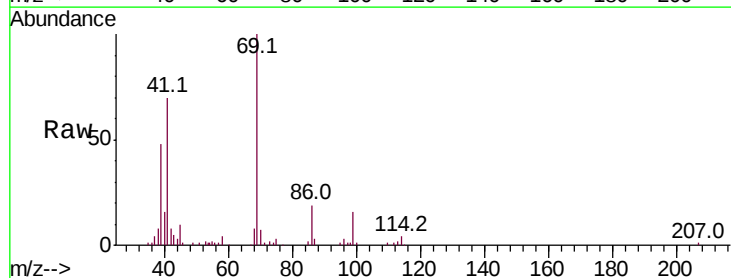


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

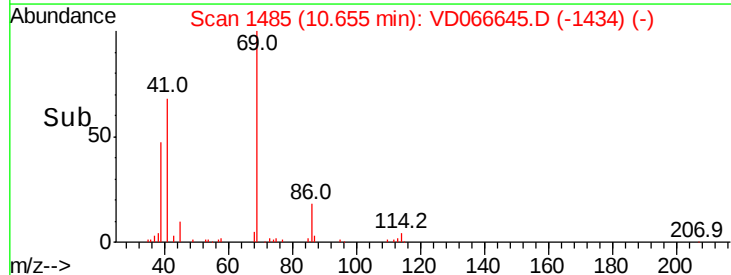
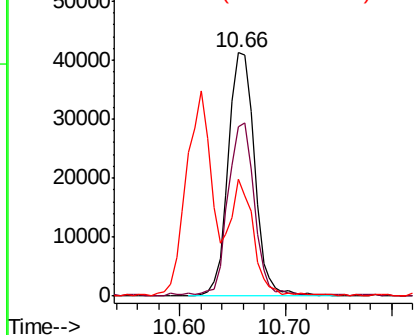


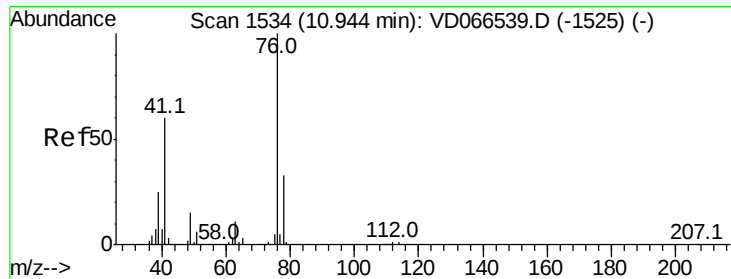
#56
 Ethyl methacrylate
 Concen: 20.724 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 69 Resp: 71438
 Ion Ratio Lower Upper
 69 100
 41 71.7 56.8 85.2
 39 44.0 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: 21.581 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

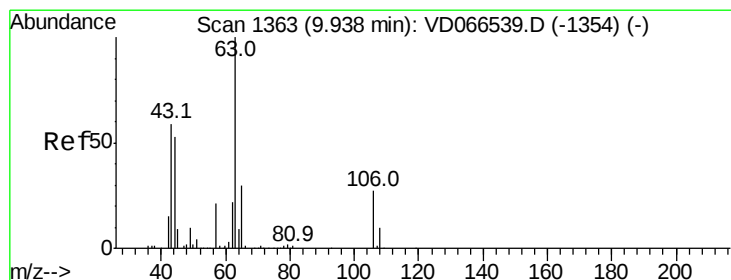
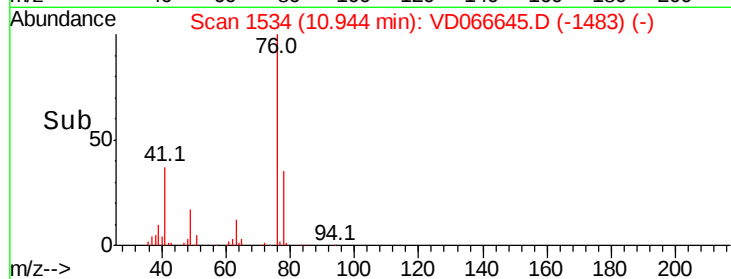
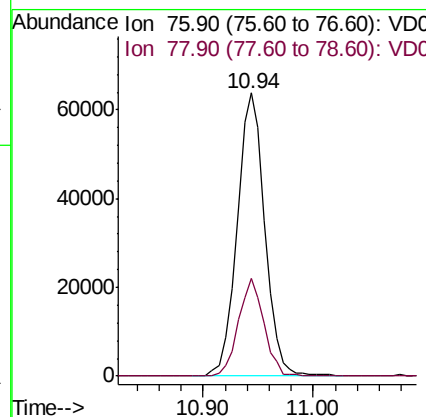
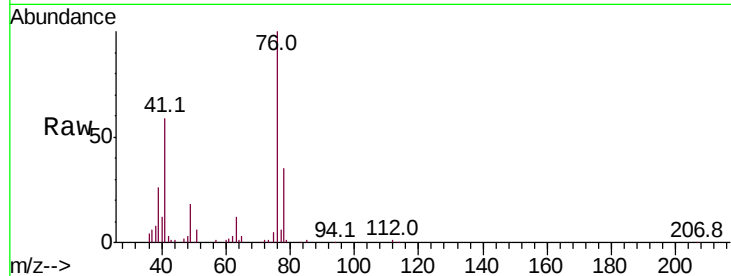
Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 111913

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 123.234 ug/l

RT: 9.94 min Scan# 1363

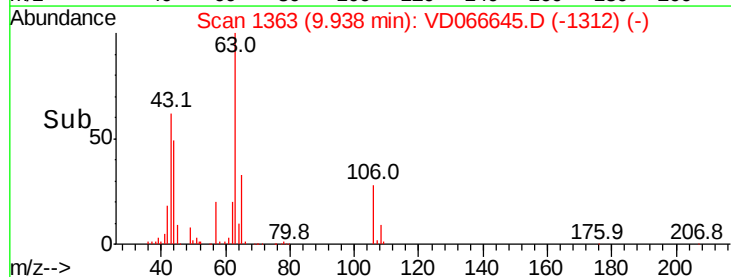
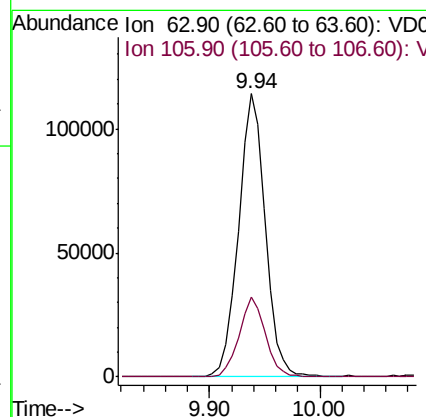
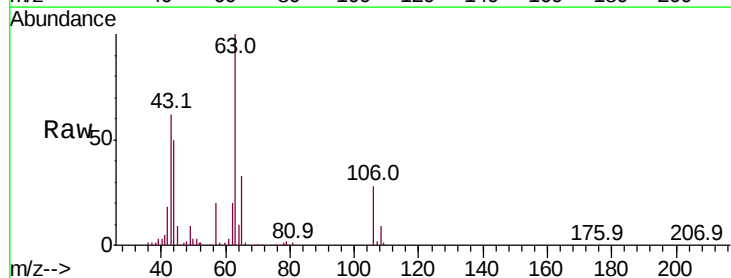
Delta R.T. -0.00 min

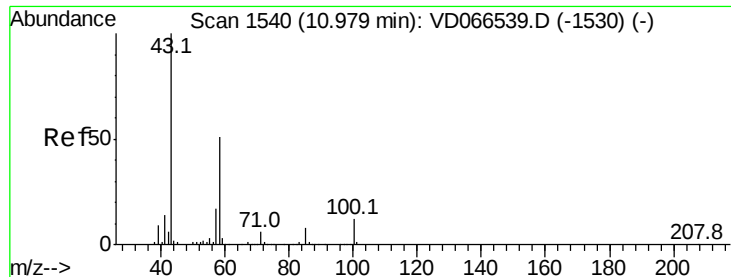
Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Tgt Ion: 63 Resp: 194303

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.0	33.0

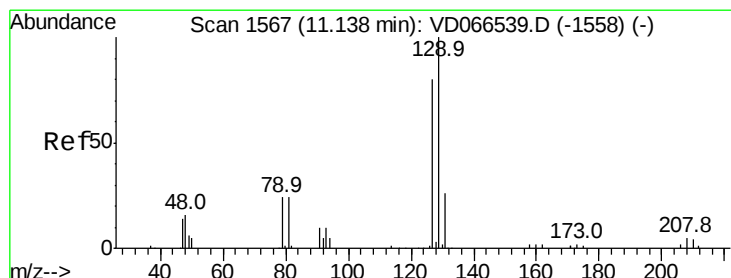
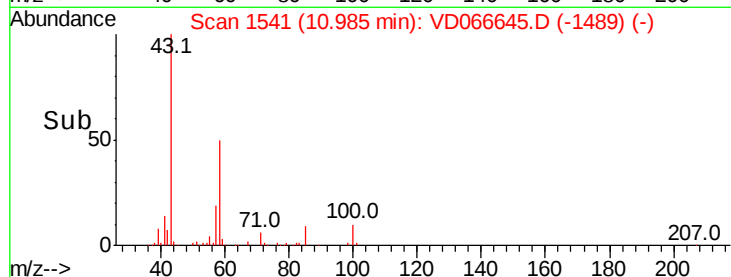
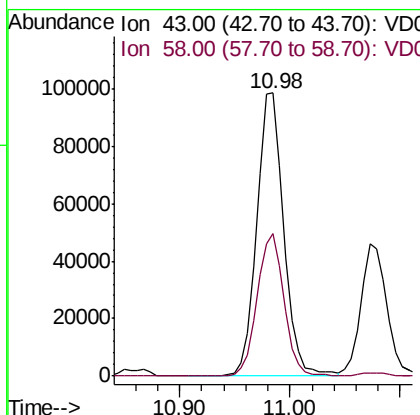
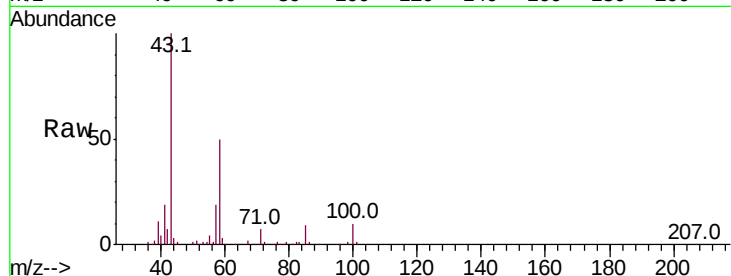




#59
2-Hexanone
Concen: 108.109 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

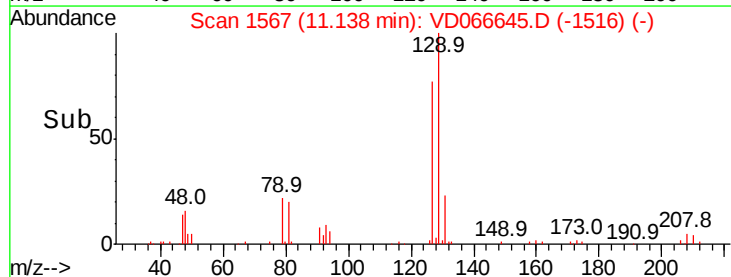
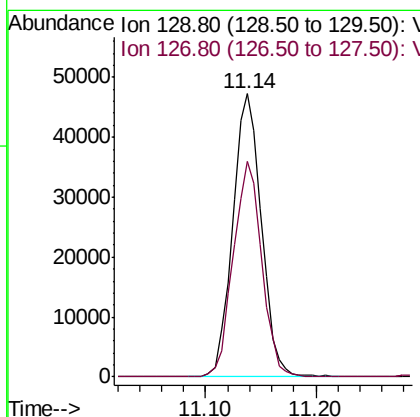
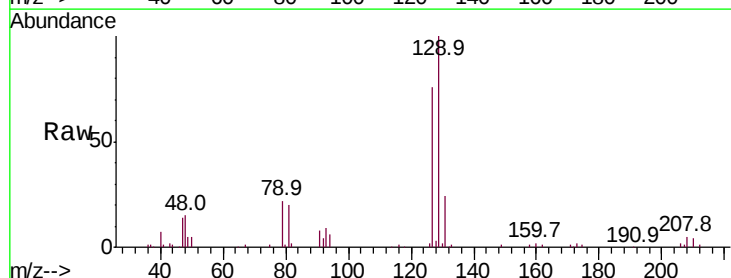
Instrument :
MSVOA_D
ClientSampleId :

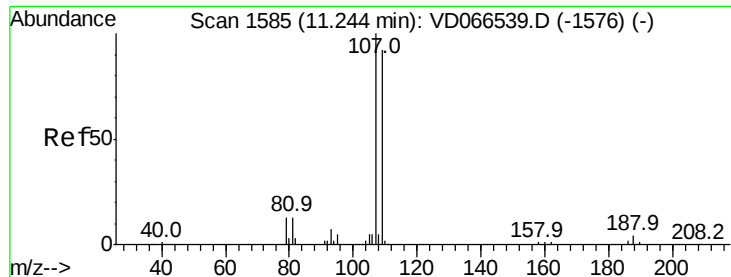
Tot Ion: 43 Resp: 169545
Ion Ratio Lower Upper
43 100
58 50.1 25.6 76.8



#60
Dibromochloromethane
Concen: 21.965 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 129 Resp: 85991
Ion Ratio Lower Upper
129 100
127 75.6 39.5 118.3

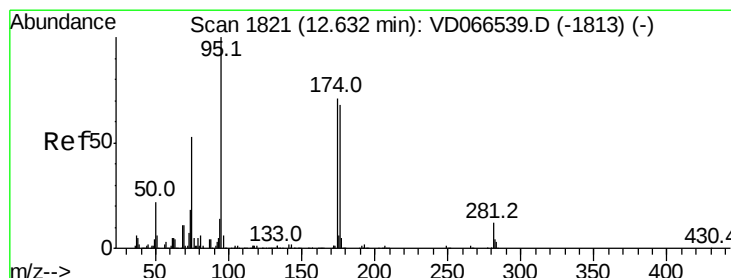
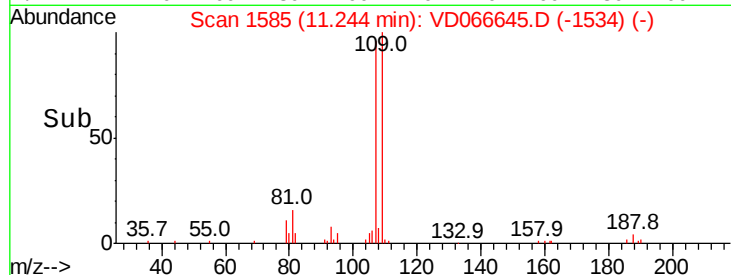
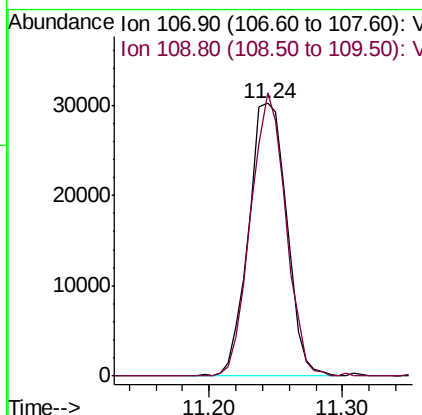
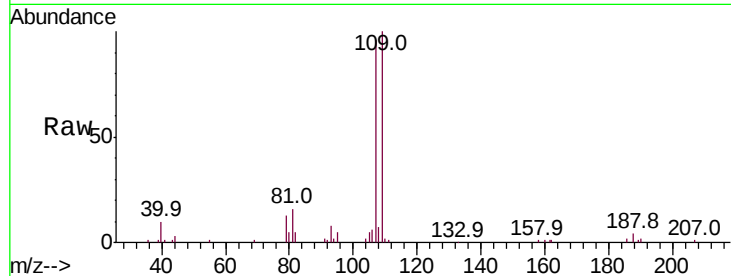




#61
 1,2-Dibromoethane
 Concen: 20.695 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

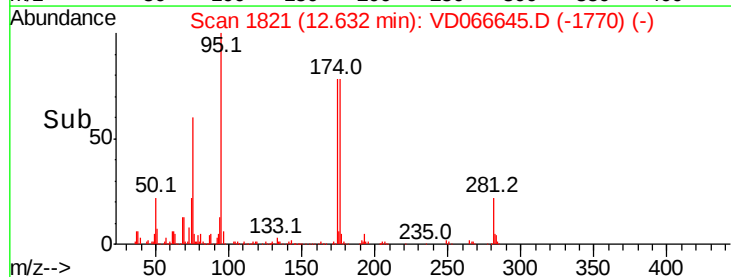
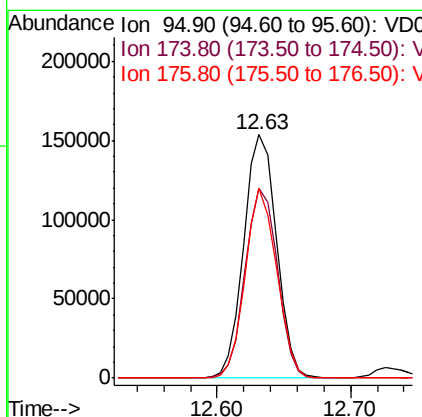
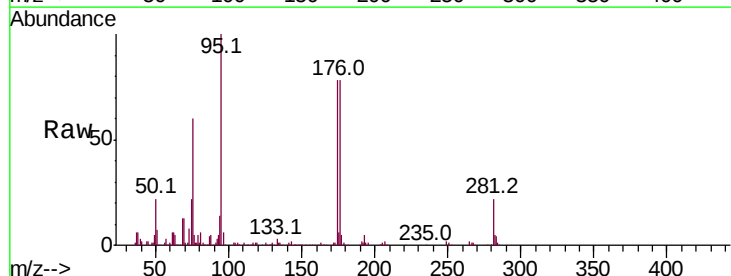
Instrument :
 MSVOA_D
 ClientSampleId :

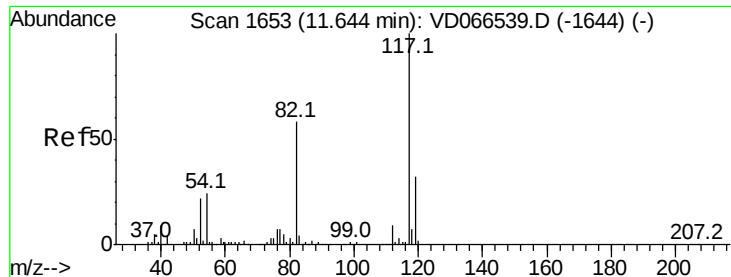
Tot Ion:107 Resp: 59609
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 56.011 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion: 95 Resp: 260748
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 155.8
 176 74.7 0.0 148.6

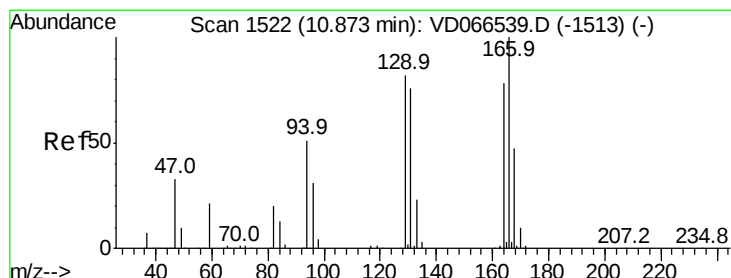
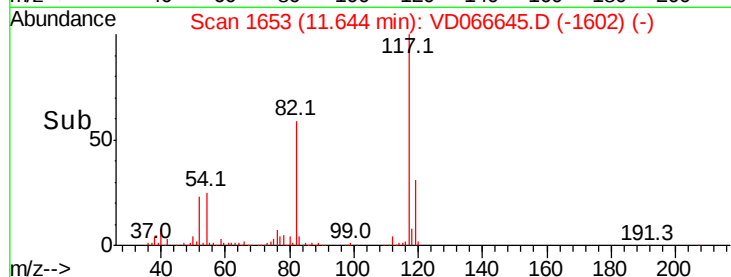
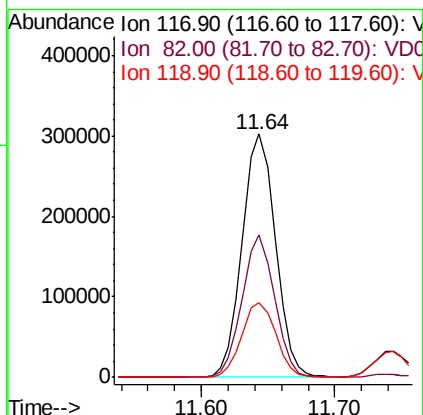
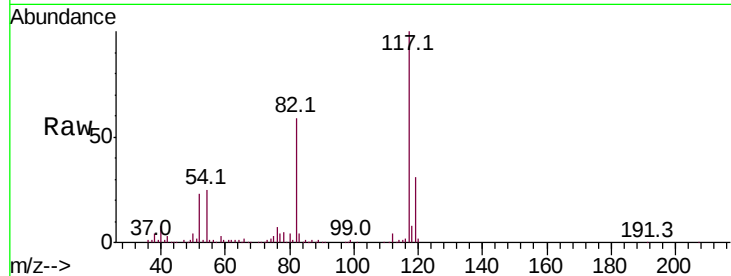




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

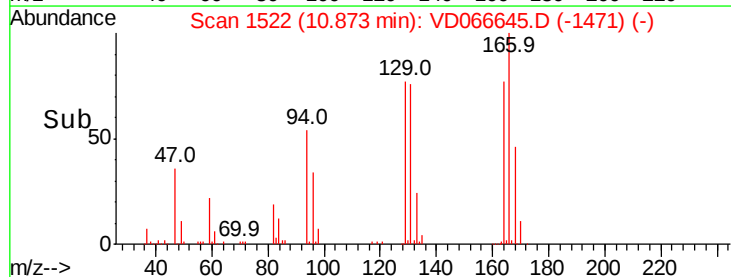
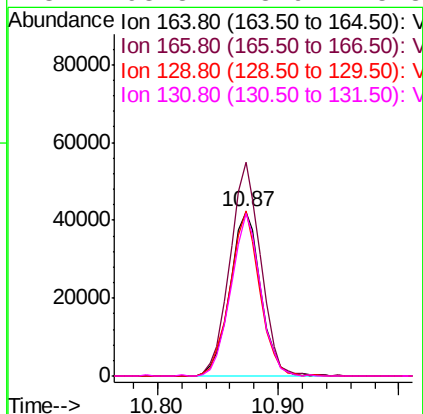
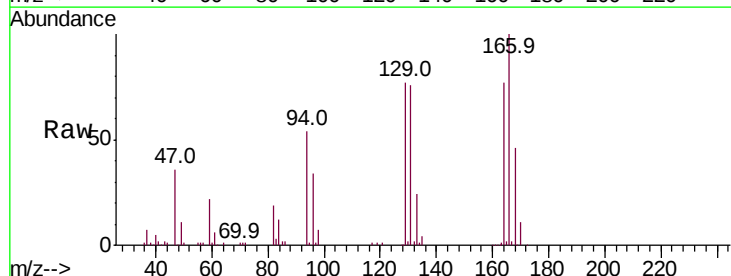
Instrument :
MSVOA_D
ClientSampleId :

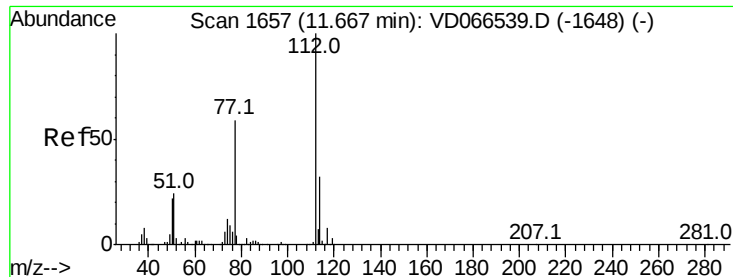
Tot Ion:117 Resp: 523020
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.2
119 30.9 25.8 38.8



#64
Tetrachloroethene
Concen: 21.238 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion:164 Resp: 74791
Ion Ratio Lower Upper
164 100
166 130.1 103.2 154.8
129 100.5 84.5 126.7
131 98.8 78.9 118.3





#65

Chlorobenzene

Concen: 21.454 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

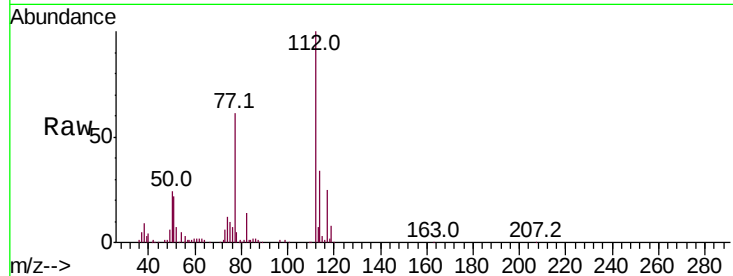
ClientSampleId :

Tot Ion:112 Resp: 231585

Ion Ratio Lower Upper

112 100

114 33.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

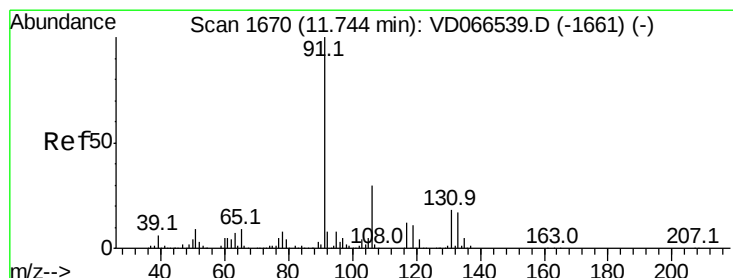
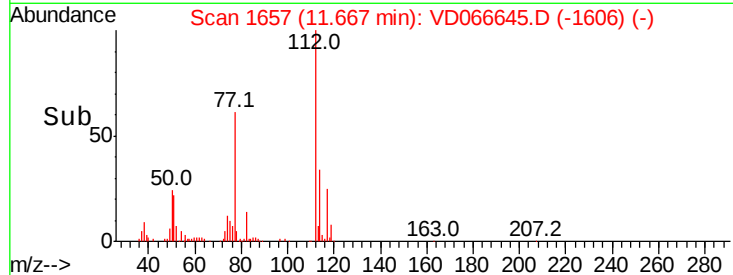
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.189 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

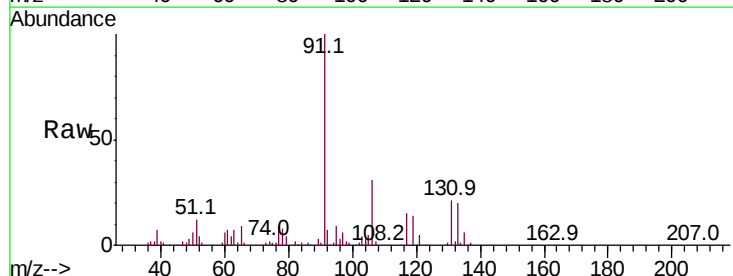
Tgt Ion:131 Resp: 87297

Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.0

119 64.1 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

120000

100000

80000

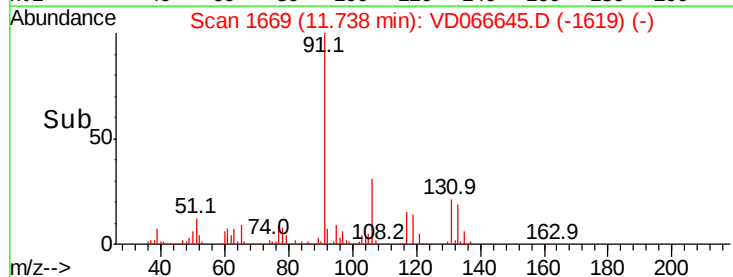
60000

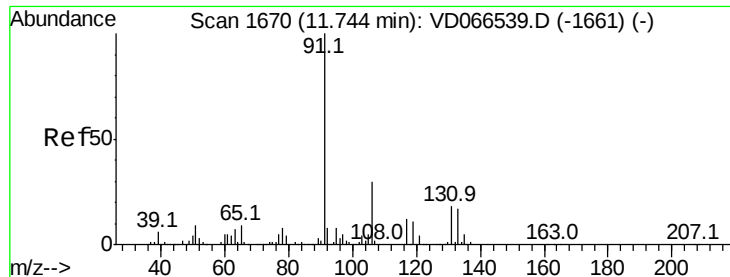
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 20.859 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

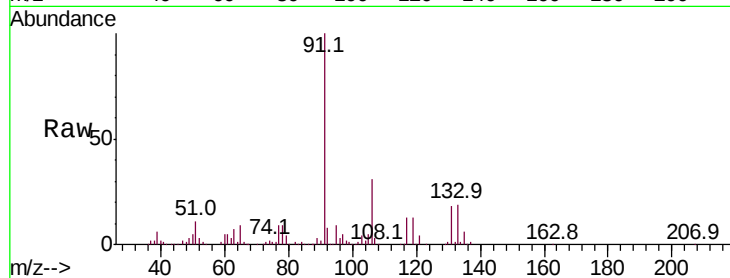
ClientSampleId :

Tot Ion: 91 Resp: 413440

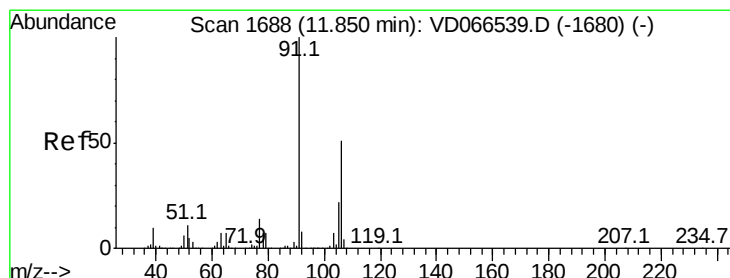
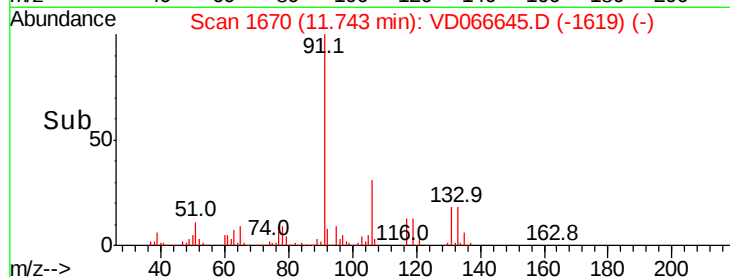
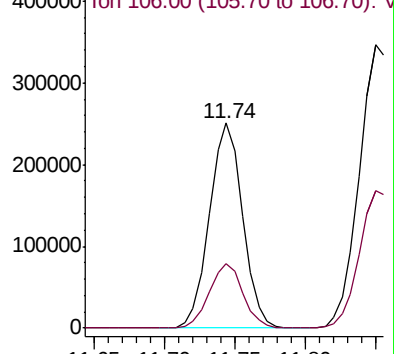
Ion Ratio Lower Upper

91 100

106 31.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 43.798 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066645.D

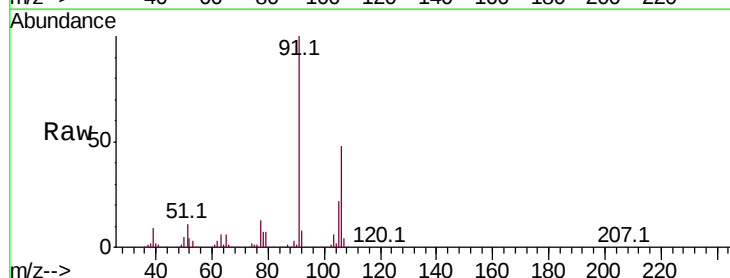
Acq: 11 Sep 2020 13:44

Tgt Ion:106 Resp: 322342

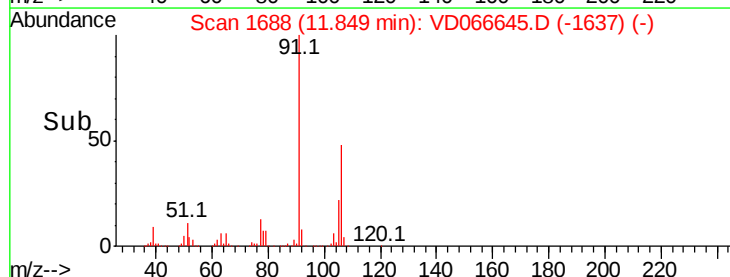
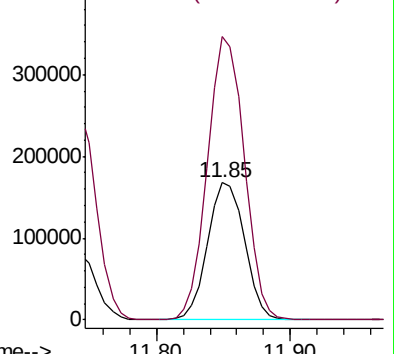
Ion Ratio Lower Upper

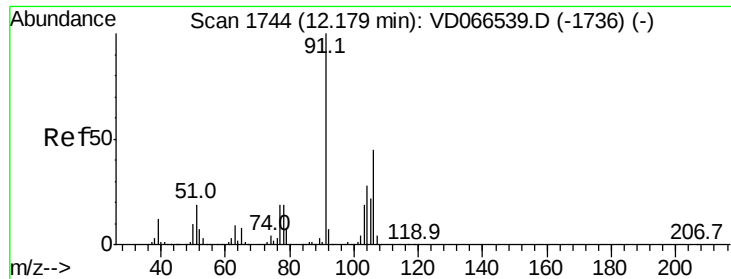
106 100

91 205.7 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

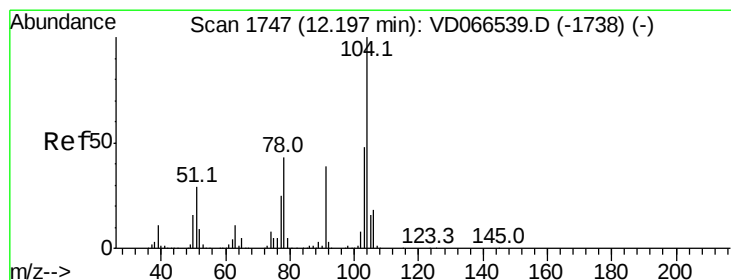
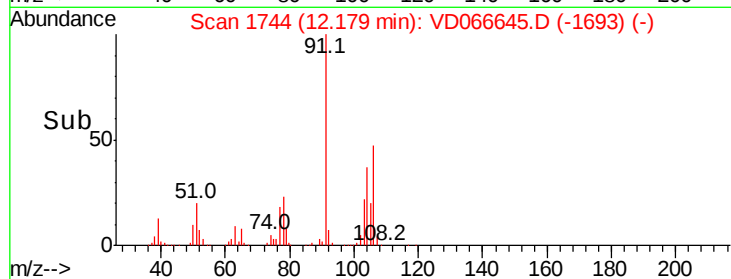
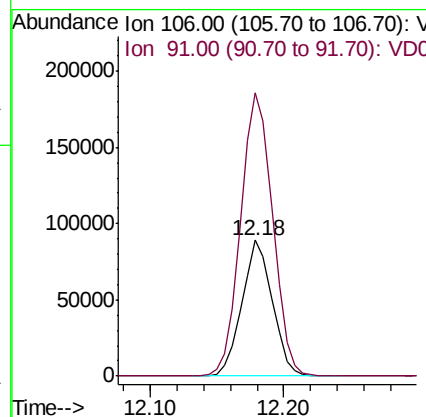
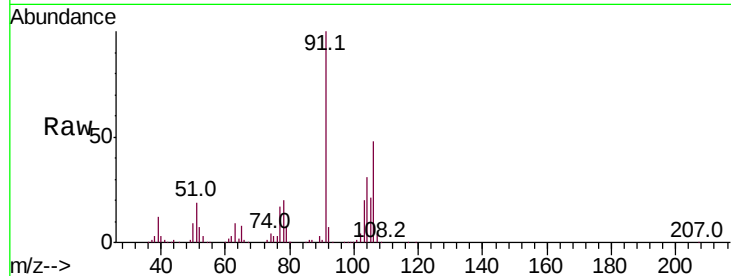




#69
o-Xylene
Concen: 21.373 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

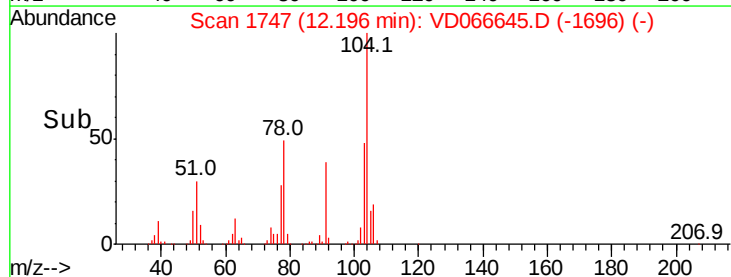
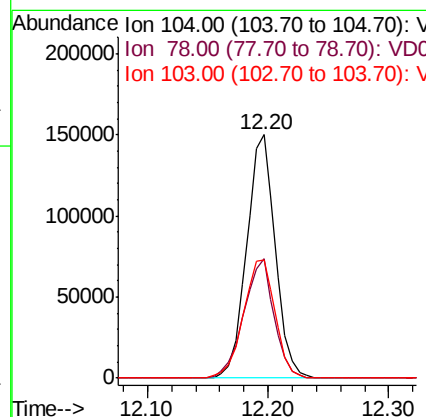
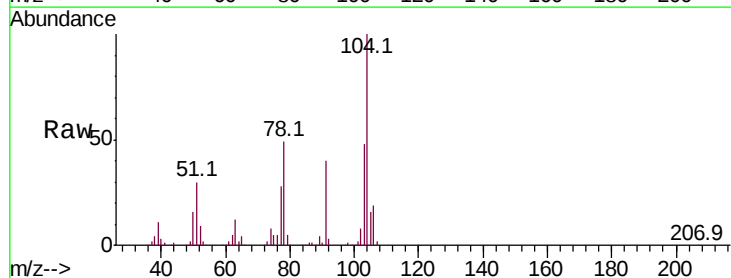
Instrument :
MSVOA_D
ClientSampled :

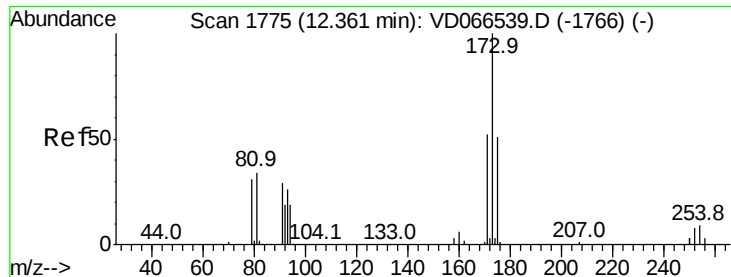
Tot Ion:106 Resp: 140969
Ion Ratio Lower Upper
106 100
91 218.6 107.9 323.8



#70
Styrene
Concen: 21.592 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion:104 Resp: 247593
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 53.7 42.9 64.3

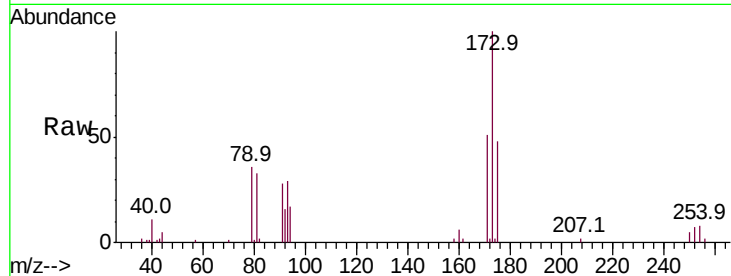




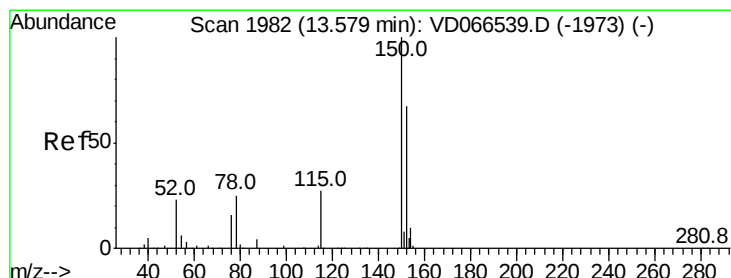
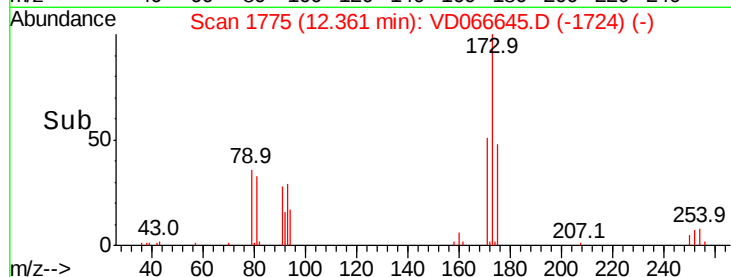
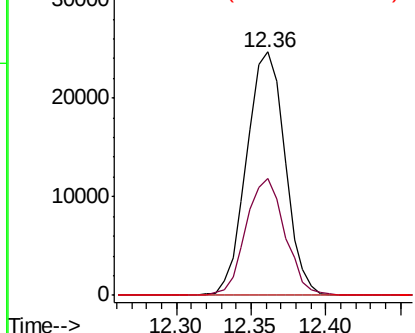
#71
Bromoform
Concen: 21.180 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 43975
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

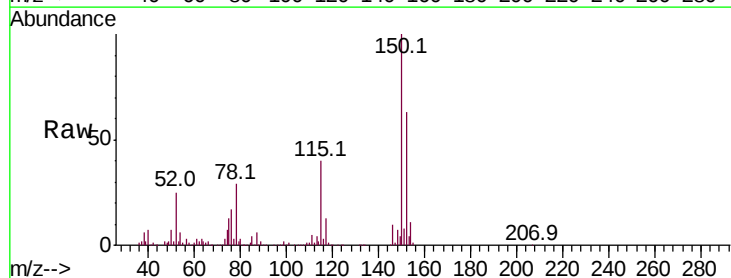


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

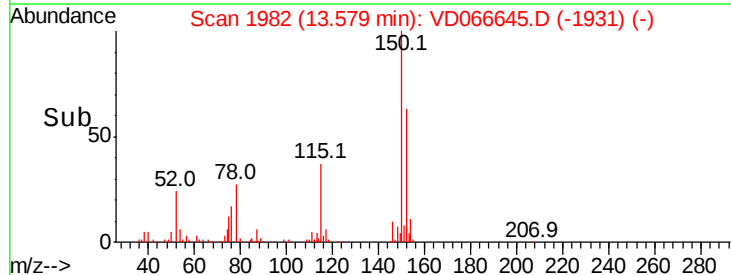
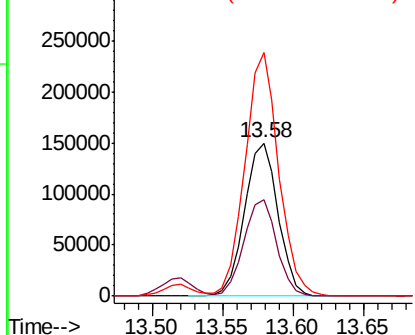


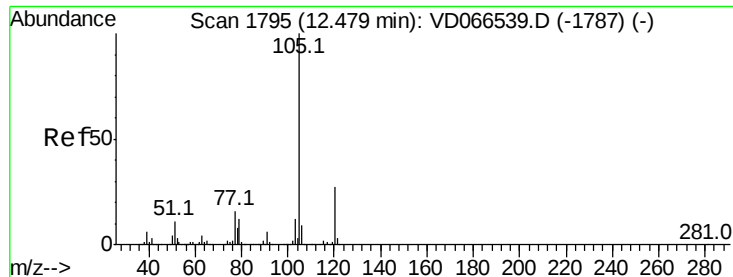
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion:152 Resp: 248592
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.2
150 161.0 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: 21.081 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

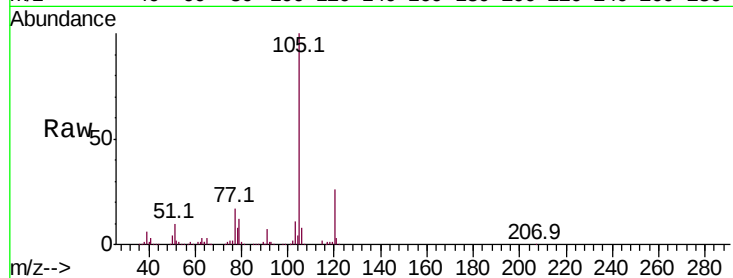
ClientSampled :

Tot Ion:105 Resp: 387997

Ion Ratio Lower Upper

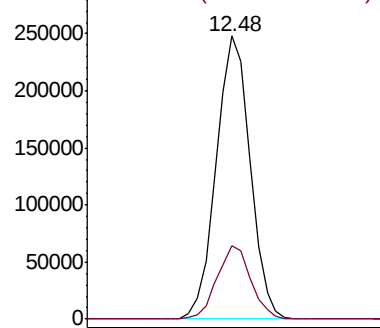
105 100

120 25.9 13.0 39.0

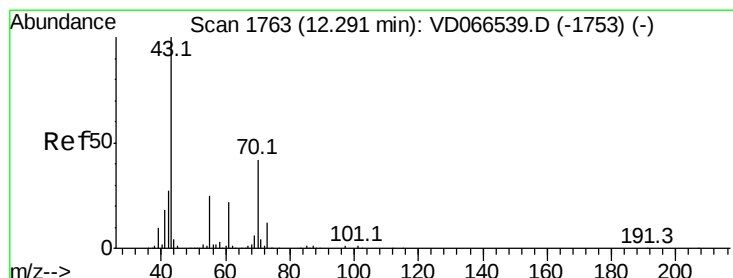
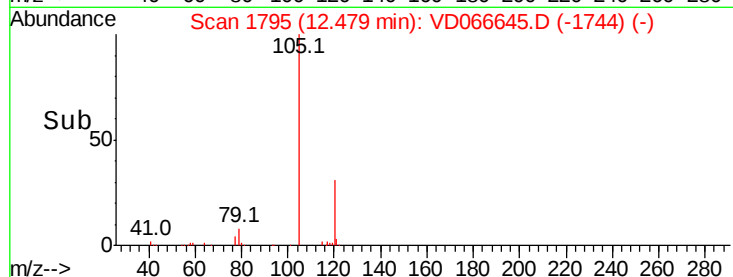


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.735 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Tgt Ion: 43 Resp: 82269

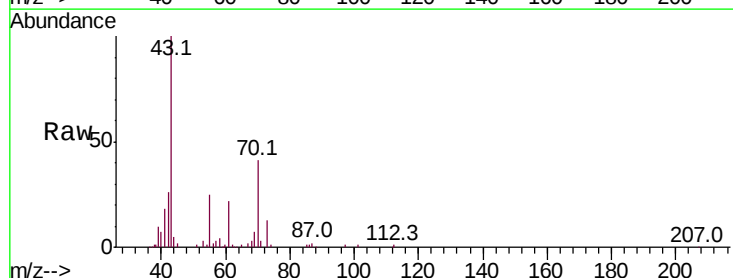
Ion Ratio Lower Upper

43 100

70 43.3 33.4 50.2

55 26.9 20.1 30.1

61 22.1 18.2 27.2

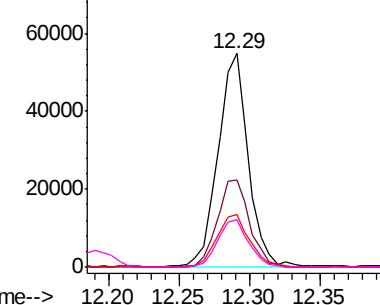


Abundance Ion 43.00 (42.70 to 43.70): VDC

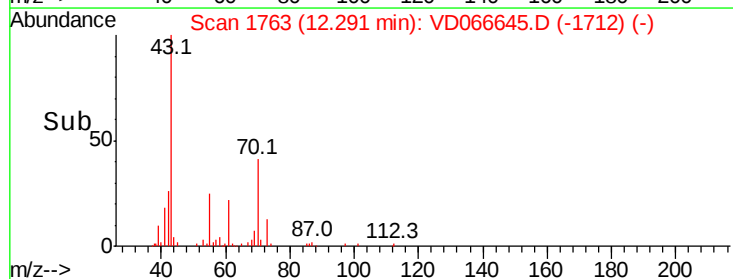
Ion 70.00 (69.70 to 70.70): VDC

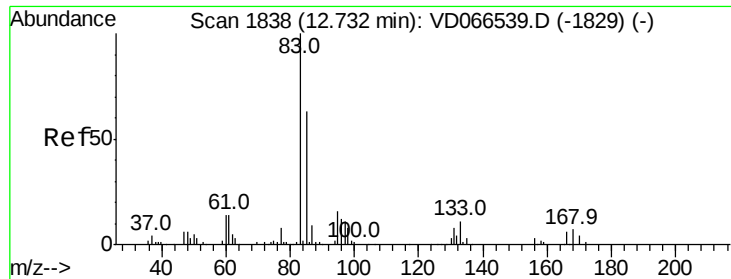
Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.584 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

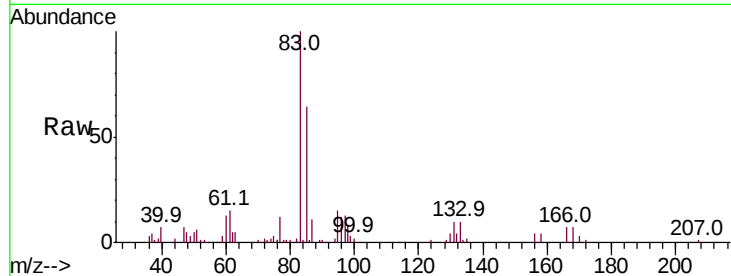
Tot Ion: 83 Resp: 70184

Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

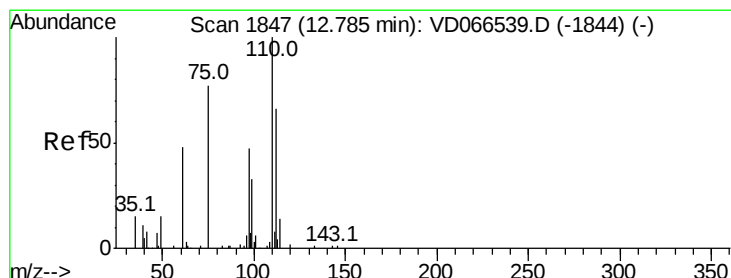
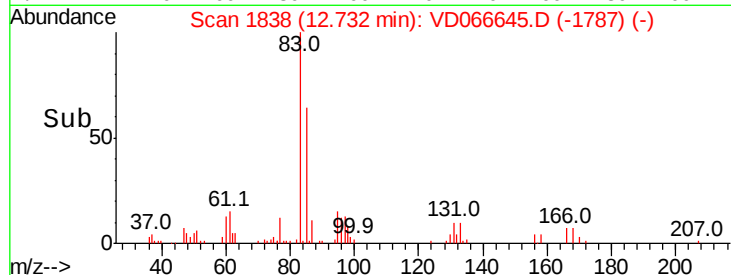
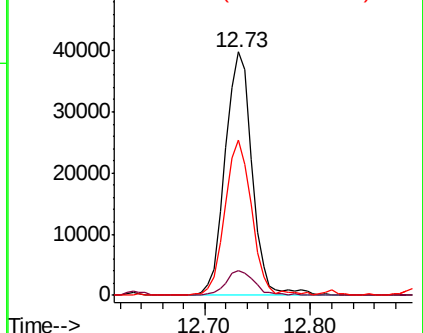
85 63.7 32.1 96.3



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: 38.601 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066645.D

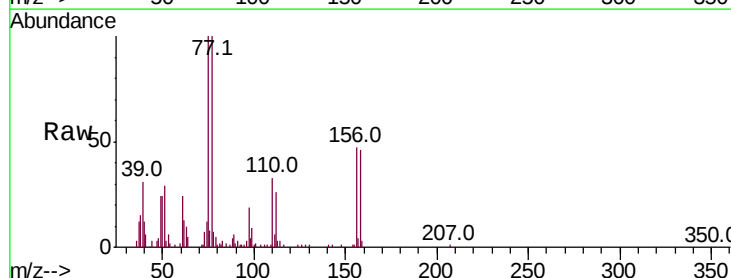
Acq: 11 Sep 2020 13:44

Tgt Ion: 75 Resp: 92287

Ion Ratio Lower Upper

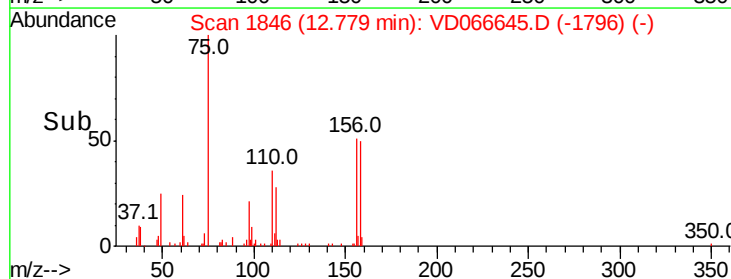
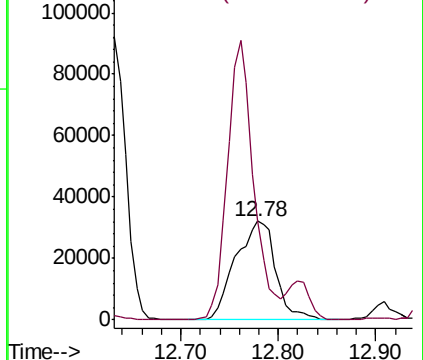
75 100

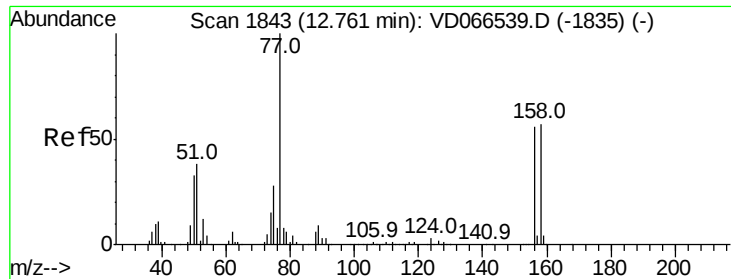
77 184.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.632 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

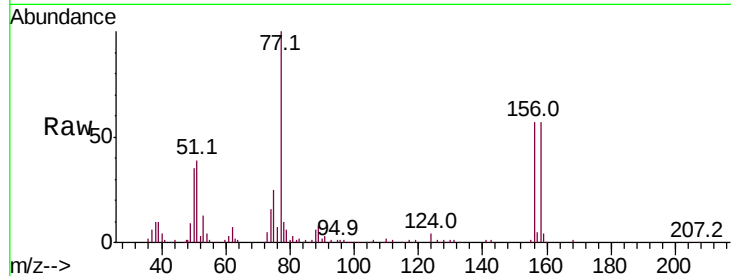
Tot Ion:156 Resp: 88763

Ion Ratio Lower Upper

156 100

77 192.1 98.0 294.1

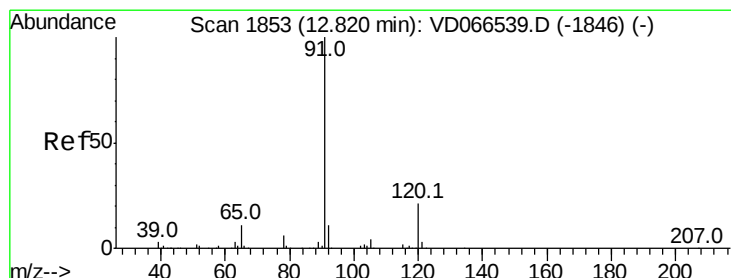
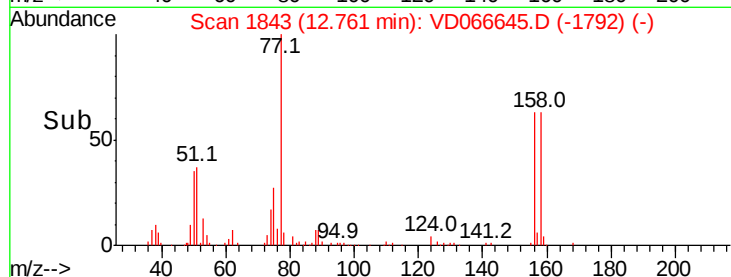
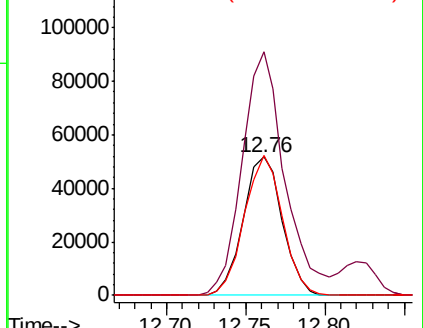
158 98.1 48.1 144.3



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: 21.598 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066645.D

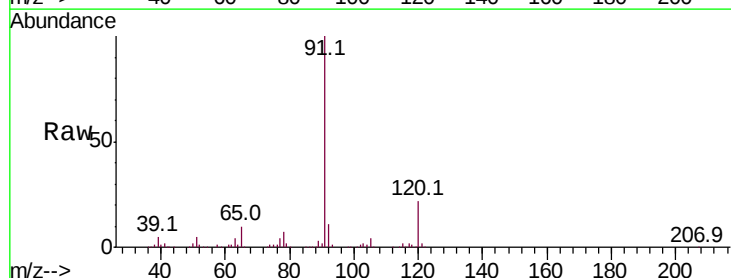
Acq: 11 Sep 2020 13:44

Tgt Ion: 91 Resp: 481896

Ion Ratio Lower Upper

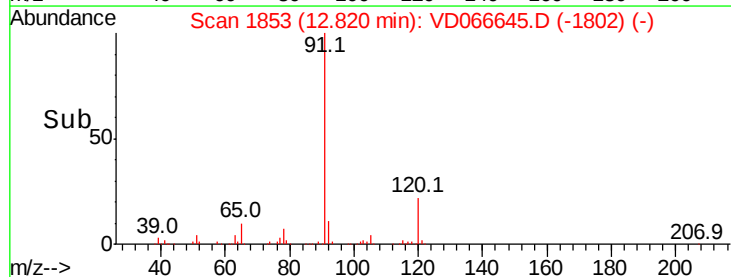
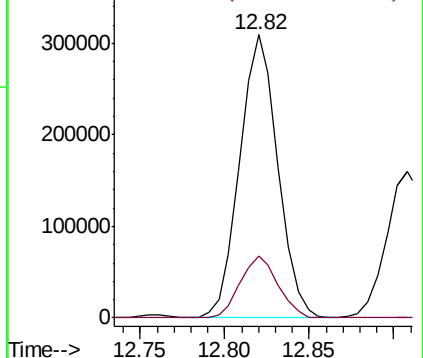
91 100

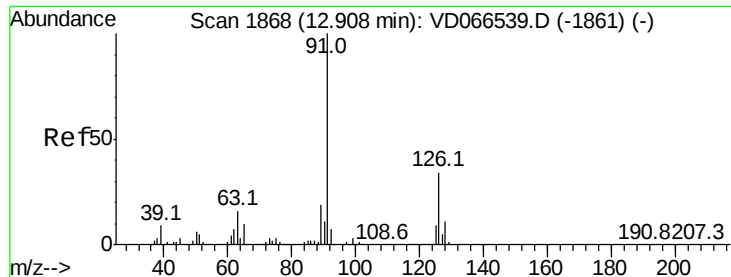
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

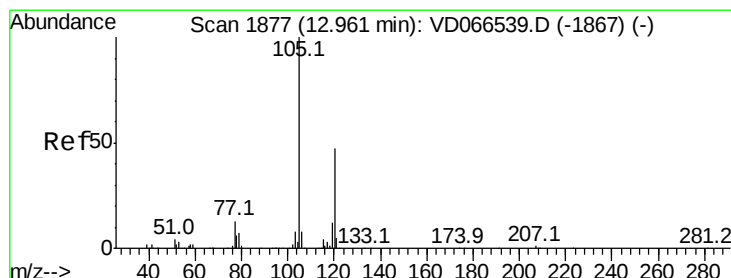
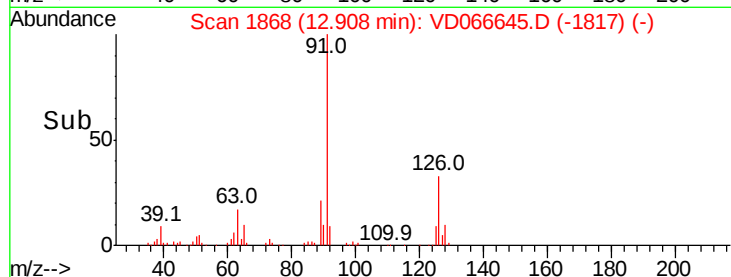
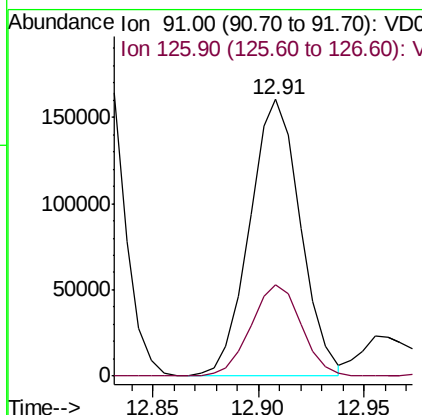
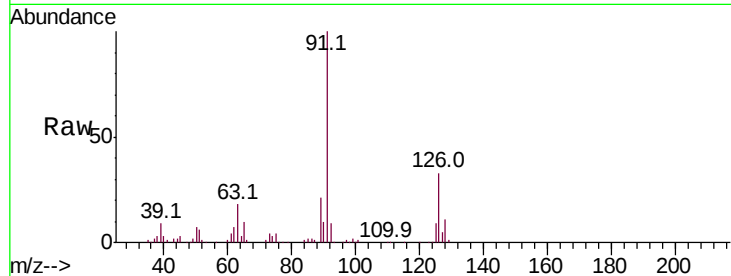




#79
 2-Chlorotoluene
 Concen: 21.369 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

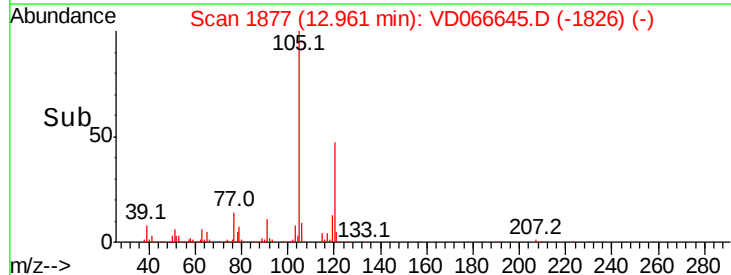
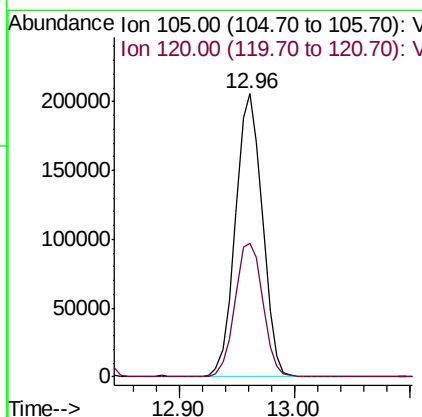
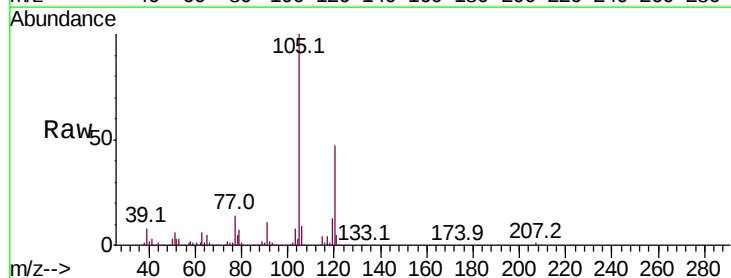
Instrument :
 MSVOA_D
 ClientSampleId :

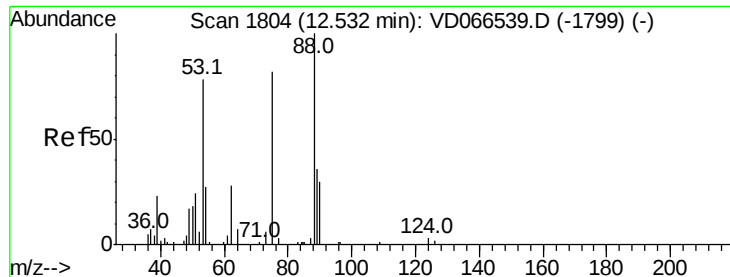
Tot Ion: 91 Resp: 267474
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.406 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion:105 Resp: 331615
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.085 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

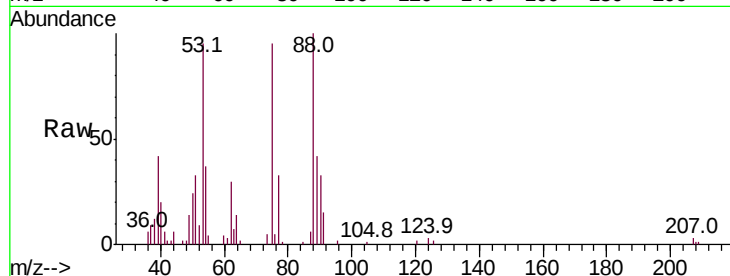
Tot Ion: 75 Resp: 21592

Ion Ratio Lower Upper

75 100

53 106.2 87.0 130.4

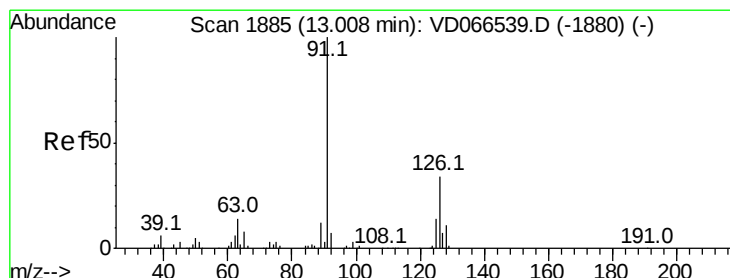
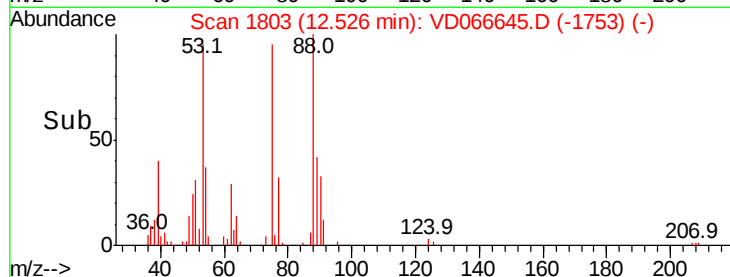
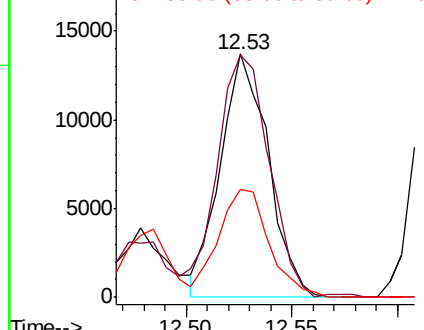
89 46.9 37.1 55.7



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: 21.560 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066645.D

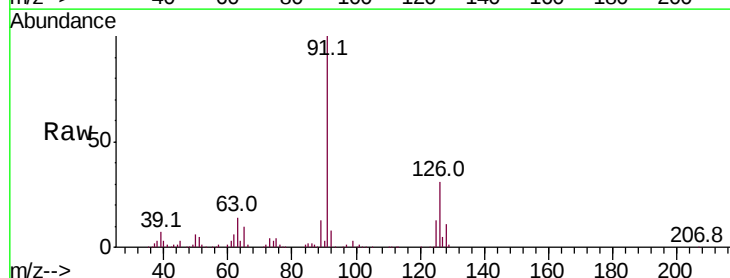
Acq: 11 Sep 2020 13:44

Tgt Ion: 91 Resp: 288589

Ion Ratio Lower Upper

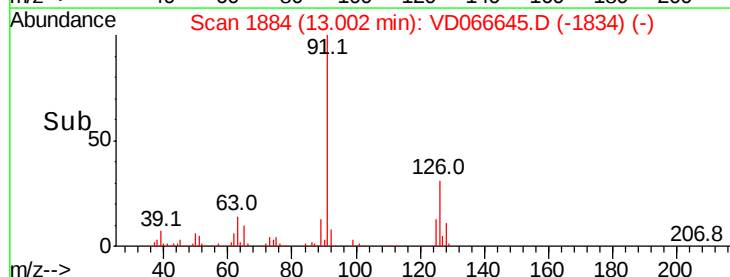
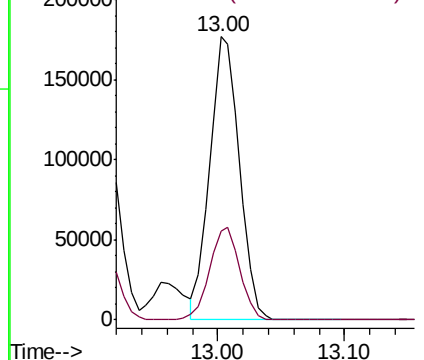
91 100

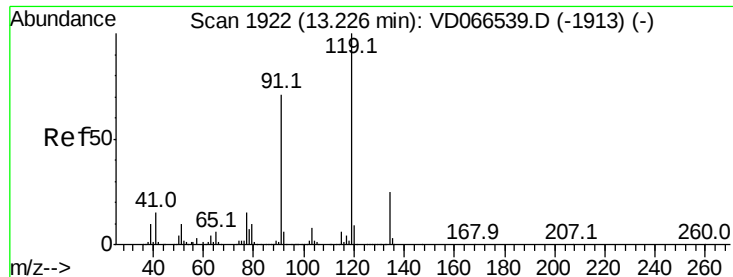
126 33.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.526 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066645.D

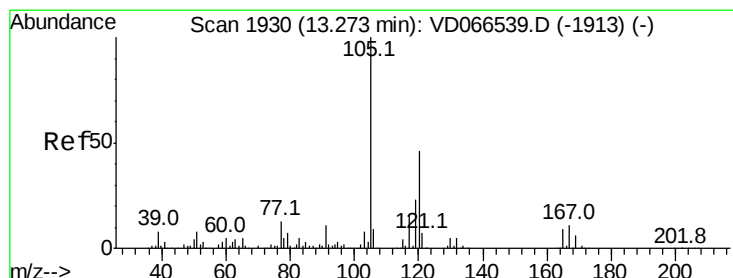
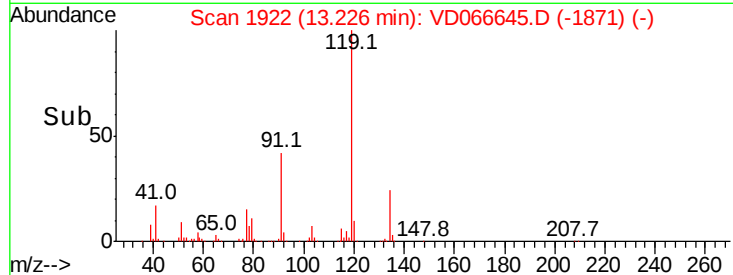
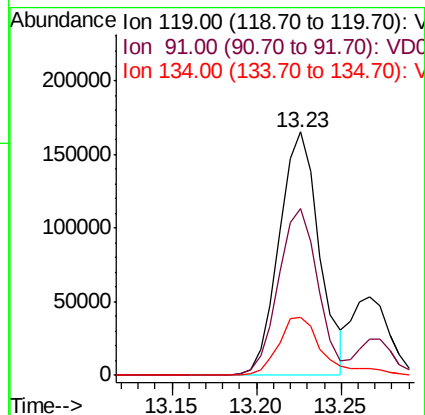
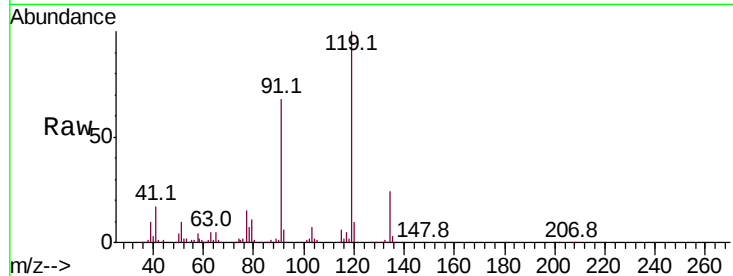
Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:	119	Resp:	272307
Ion	Ratio	Lower	Upper
119	100		
91	67.1	35.2	105.6
134	26.4	13.5	40.5



#84

1,2,4-Trimethylbenzene

Concen: 21.776 ug/l

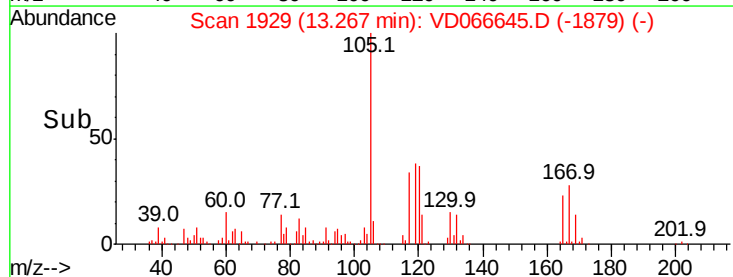
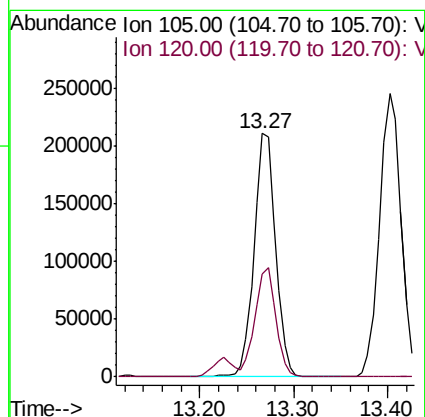
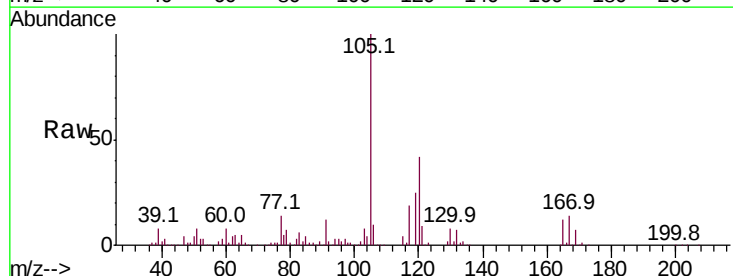
RT: 13.27 min Scan# 1929

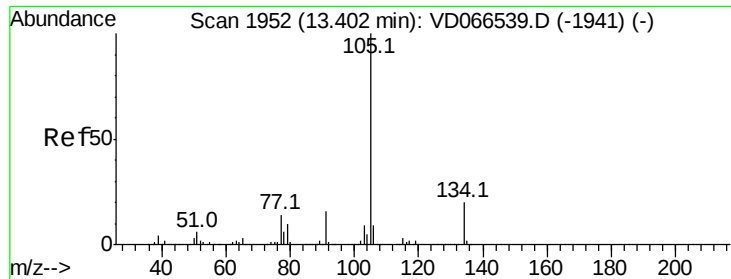
Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Tgt Ion:	105	Resp:	335864
Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.6	67.7





#85

sec-Butylbenzene

Concen: 21.341 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

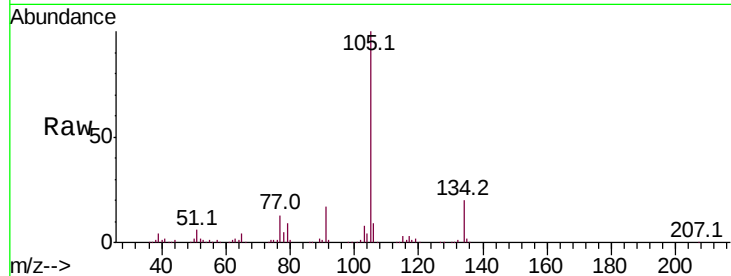
ClientSampled :

Tot Ion:105 Resp: 388952

Ion Ratio Lower Upper

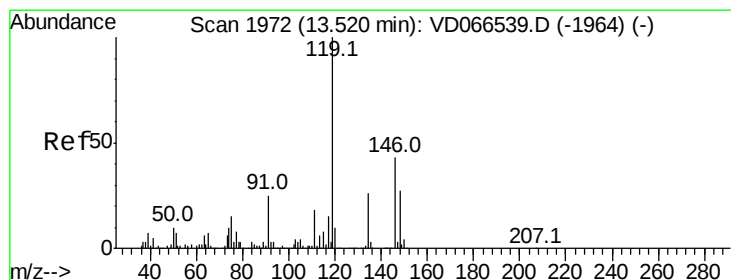
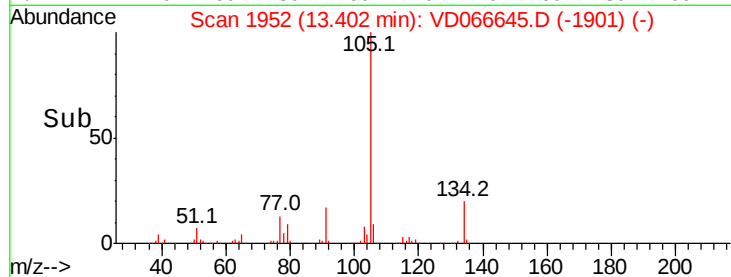
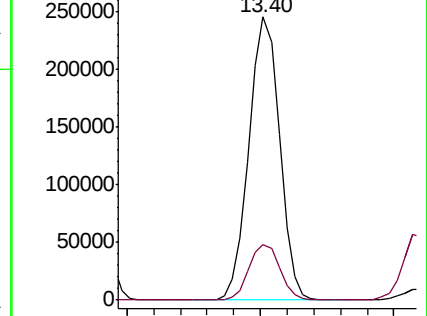
105 100

134 19.9 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: 21.558 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

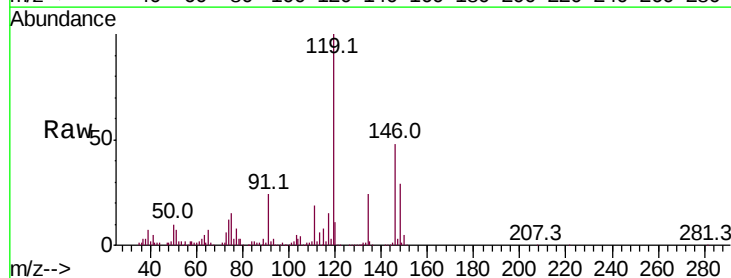
Tgt Ion:119 Resp: 353650

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

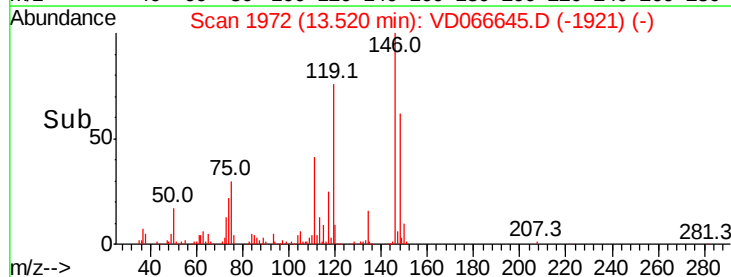
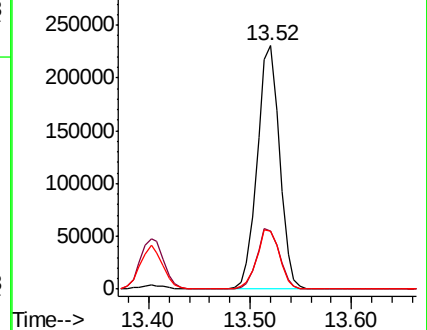
91 24.8 12.5 37.5

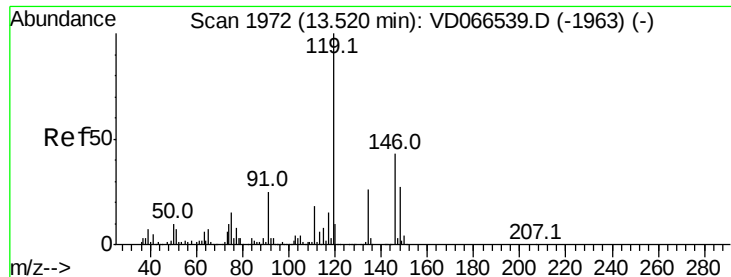


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

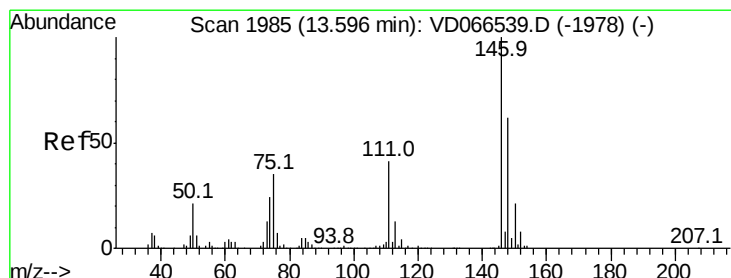
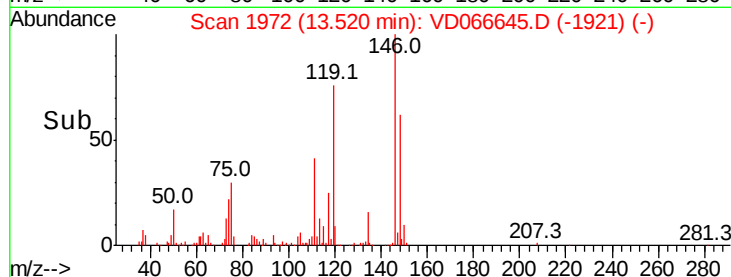
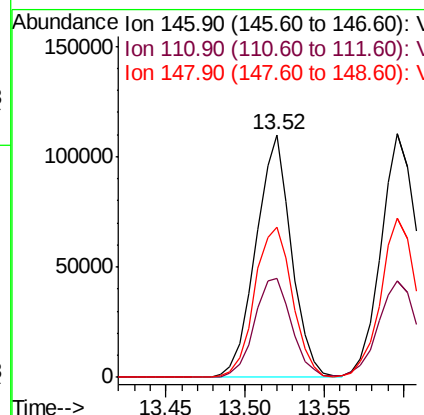
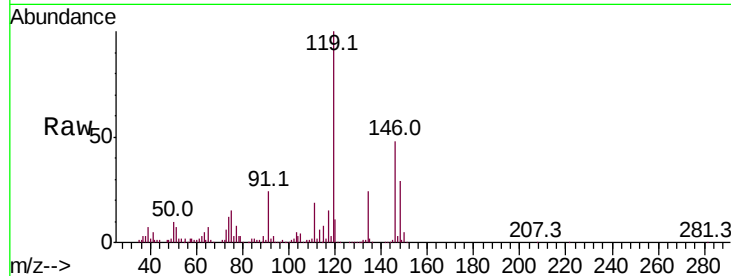




#87
 1,3-Dichlorobenzene
 Concen: 21.037 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

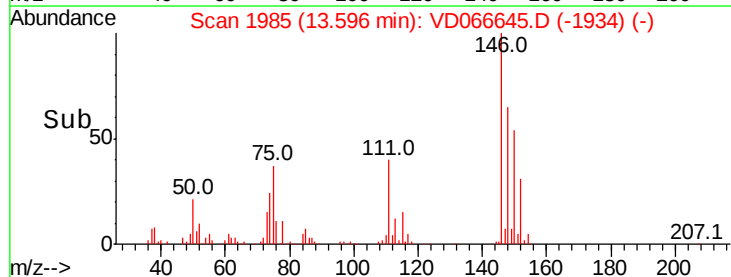
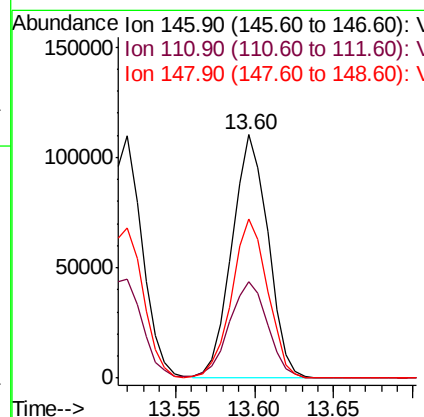
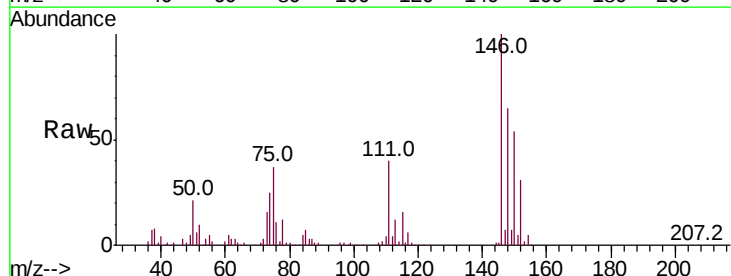
Instrument :
 MSVOA_D
 ClientSampleId :

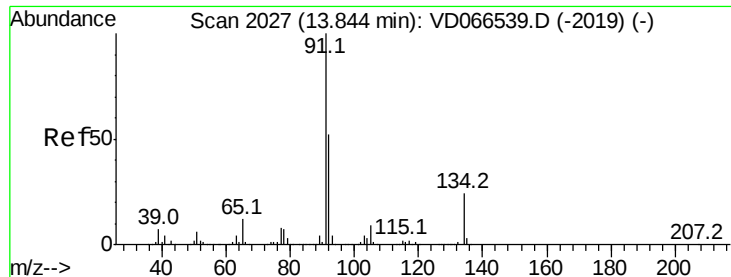
Tot Ion:146 Resp: 171374
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.9
 148 65.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.367 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion:146 Resp: 174701
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.2
 148 65.1 31.6 94.8

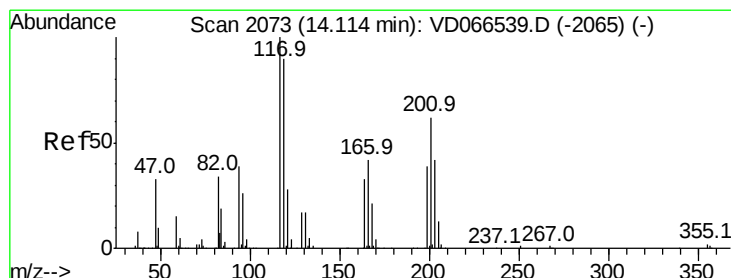
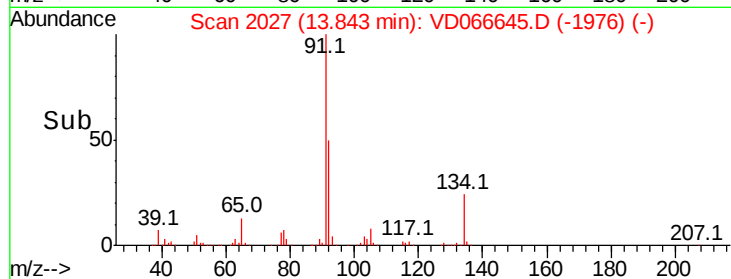
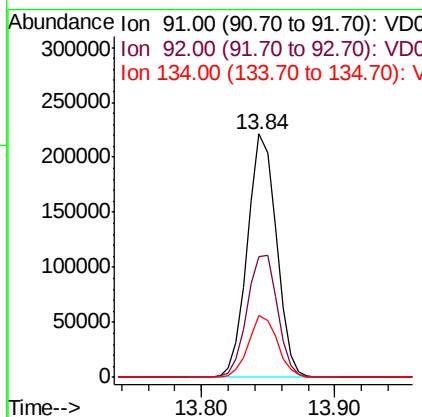
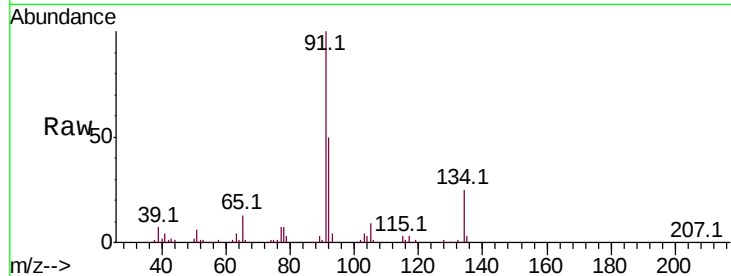




#89
n-Butylbenzene
Concen: 20.674 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

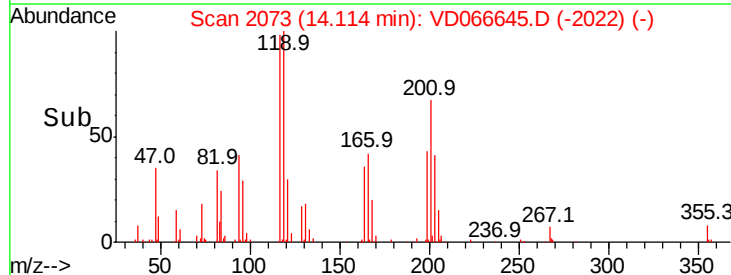
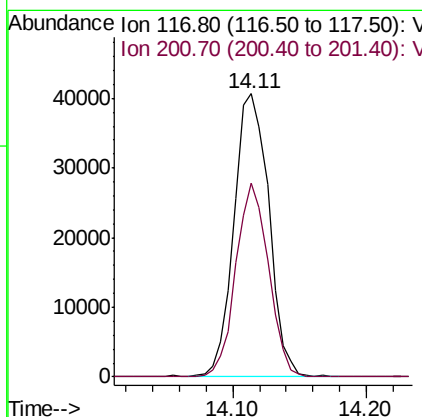
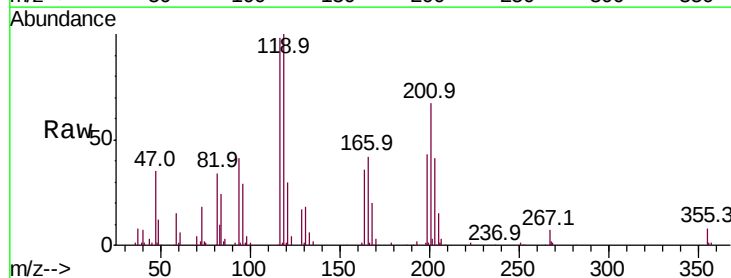
Instrument :
MSVOA_D
ClientSampled :

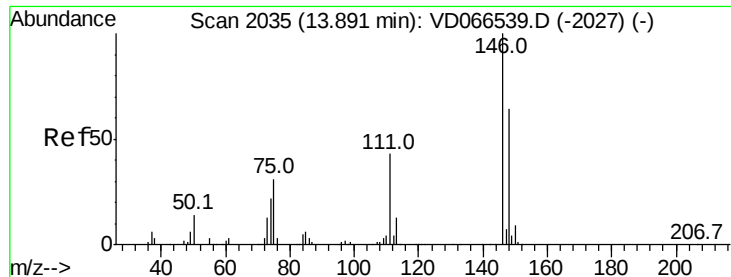
Tot Ion: 91 Resp: 330490
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 25.2 12.1 36.3



#90
Hexachloroethane
Concen: 20.821 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066645.D
Acq: 11 Sep 2020 13:44

Tgt Ion: 117 Resp: 73594
Ion Ratio Lower Upper
117 100
201 64.0 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 21.014 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

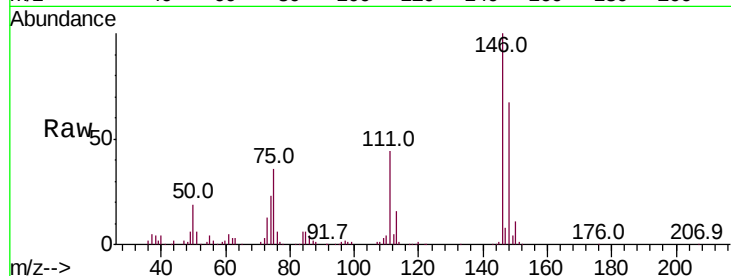
Tot Ion:146 Resp: 149629

Ion Ratio Lower Upper

146 100

111 43.4 21.1 63.4

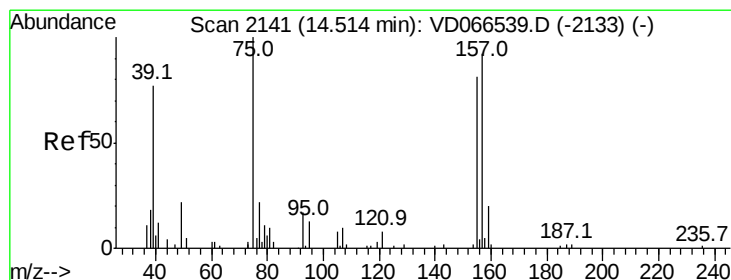
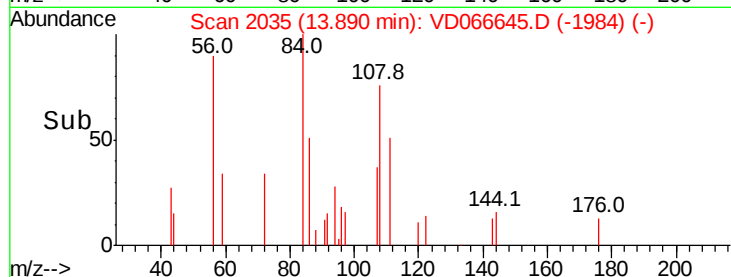
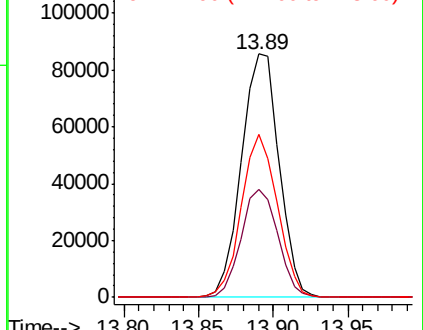
148 63.9 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.371 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

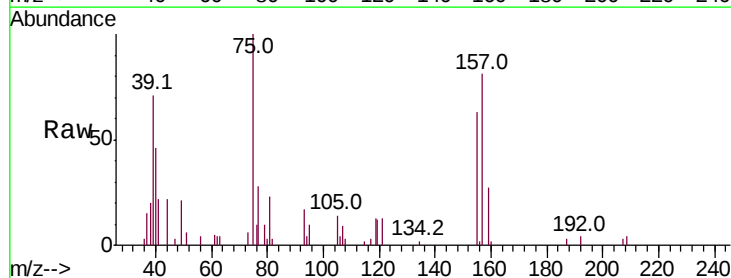
Tgt Ion: 75 Resp: 11252

Ion Ratio Lower Upper

75 100

155 71.9 39.3 117.8

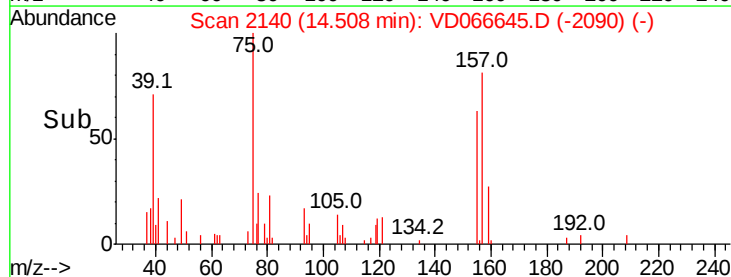
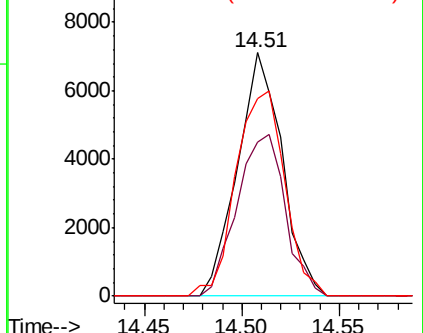
157 92.5 46.0 137.8

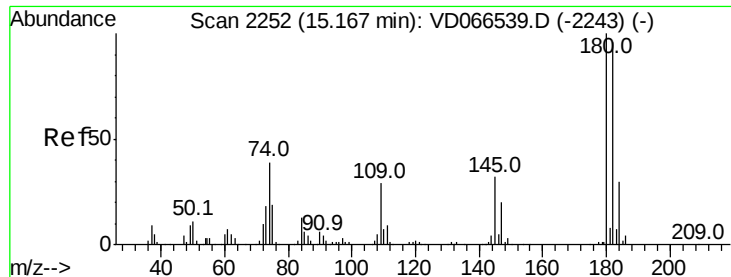


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

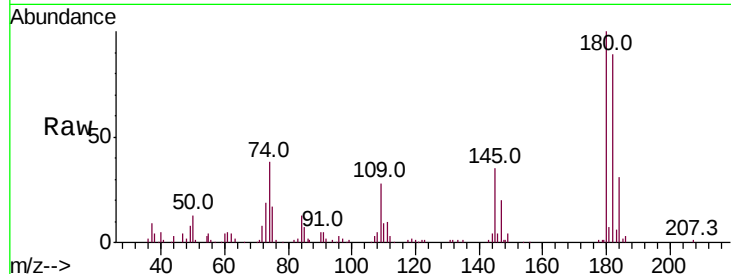




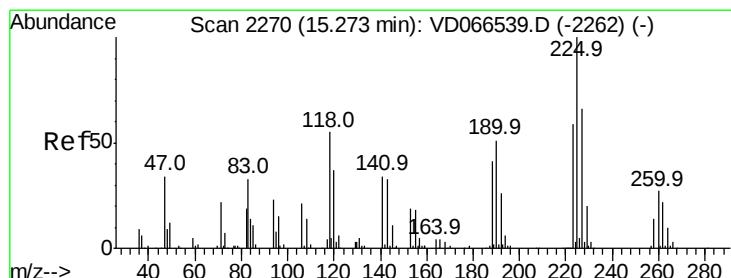
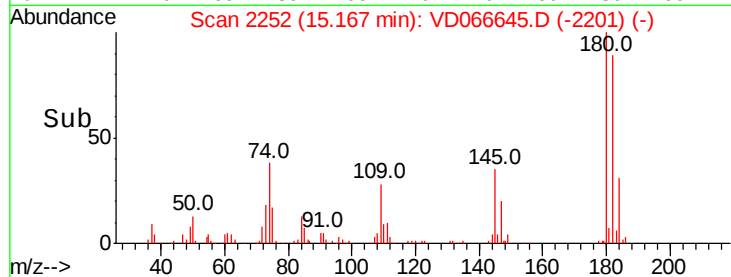
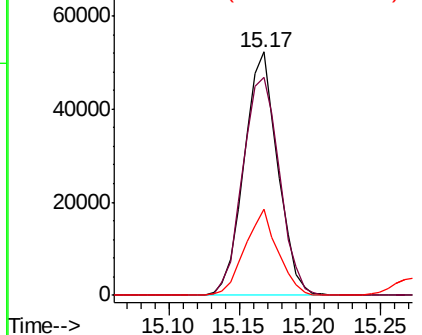
#93
 1,2,4-Trichlorobenzene
 Concen: 20.470 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 87474
 Ion Ratio Lower Upper
 180 100
 182 98.1 48.4 145.0
 145 34.3 16.7 50.0

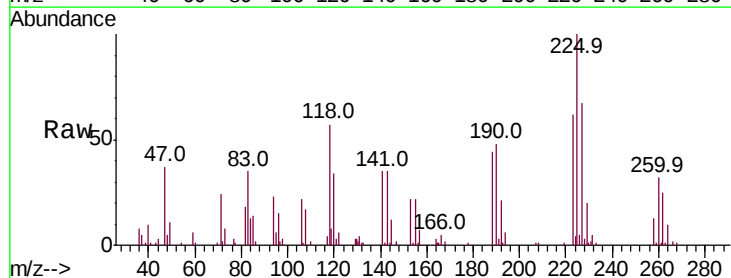


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

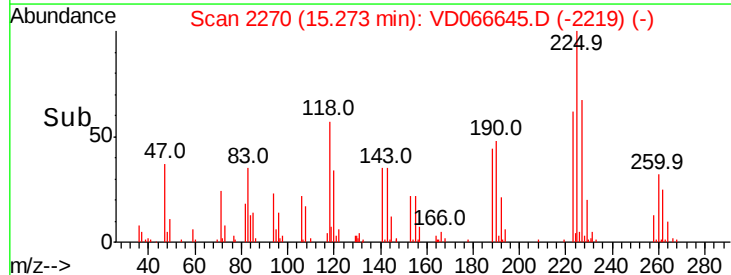
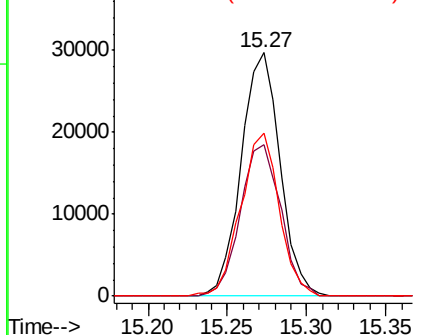


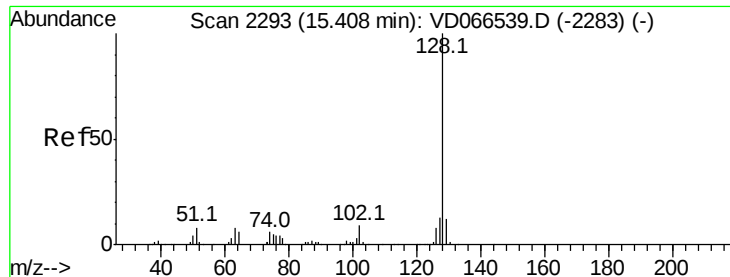
#94
 Hexachlorobutadiene
 Concen: 19.776 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066645.D
 Acq: 11 Sep 2020 13:44

Tgt Ion:225 Resp: 50770
 Ion Ratio Lower Upper
 225 100
 223 64.5 30.5 91.5
 227 66.2 32.4 97.2



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





#95

Naphthalene

Concen: 20.766 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

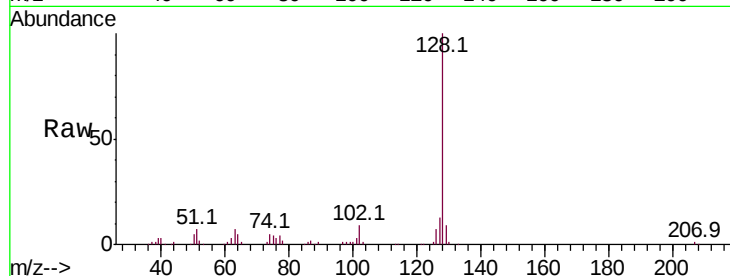
Tot Ion:128 Resp: 155064

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

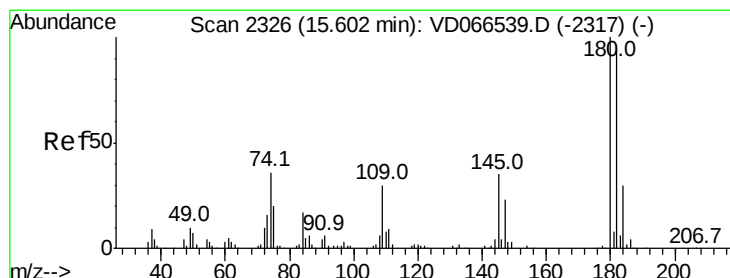
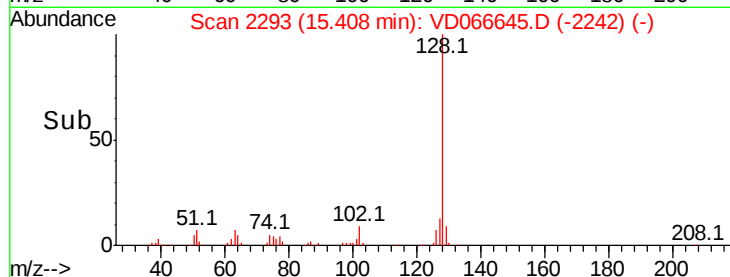
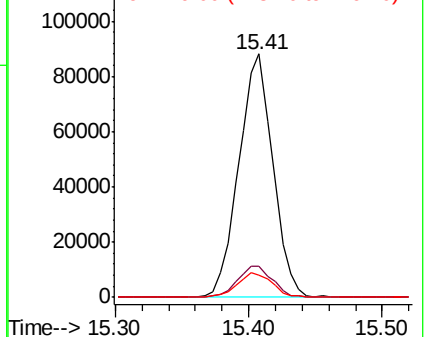
129 10.2 9.1 13.7



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: 21.532 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066645.D

Acq: 11 Sep 2020 13:44

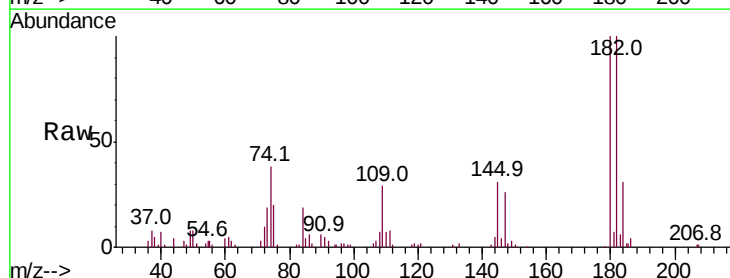
Tgt Ion:180 Resp: 78445

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 33.0 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

