

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066716.D
 Acq On : 16 Sep 2020 13:42
 Operator : VA/SY
 Sample : VD0916SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBS01

Quant Time: Sep 17 00:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	414418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	693730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	631416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232524	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.91	113	217545	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.34	98	781189	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.63	95	267184	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	76811	22.429	ug/l	90
3) Chloromethane	2.21	50	93957	20.834	ug/l	99
4) Vinyl Chloride	2.35	62	97246	20.604	ug/l	97
5) Bromomethane	2.76	94	68831	20.558	ug/l	96
6) Chloroethane	2.92	64	61104	20.782	ug/l	92
7) Trichlorofluoromethane	3.27	101	162083	19.882	ug/l	96
8) Diethyl Ether	3.71	74	41829	20.491	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88286	19.706	ug/l	100
10) Methyl Iodide	4.30	142	85434	20.098	ug/l	97
11) Tert butyl alcohol	5.20	59	42670	110.283	ug/l	100
12) 1,1-Dichloroethene	4.07	96	79586	19.193	ug/l	95
13) Acrolein	3.93	56	32690	104.828	ug/l	97
14) Allyl chloride	4.71	41	130285	19.564	ug/l	99
15) Acrylonitrile	5.43	53	88059	98.472	ug/l	97
16) Acetone	4.16	43	87017	96.642	ug/l	99
17) Carbon Disulfide	4.41	76	264501	20.299	ug/l	99
18) Methyl Acetate	4.71	43	40727	18.952	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	188343	20.392	ug/l	95
20) Methylene Chloride	4.96	84	104781	16.753	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	95462	19.760	ug/l	92
22) Diisopropyl ether	6.36	45	281575	20.809	ug/l	97
23) Vinyl Acetate	6.30	43	779746	103.595	ug/l	98
24) 1,1-Dichloroethane	6.26	63	163825	19.079	ug/l	98
25) 2-Butanone	7.21	43	114186	97.390	ug/l	92
26) 2,2-Dichloropropane	7.20	77	151425	19.071	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	104575	19.786	ug/l	97
28) Bromochloromethane	7.54	49	70630	22.022	ug/l	96
29) Tetrahydrofuran	7.56	42	73330	102.223	ug/l	99
30) Chloroform	7.71	83	183906	20.124	ug/l	100
31) Cyclohexane	7.98	56	151393	19.384	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	164720	19.697	ug/l	99
36) 1,1-Dichloropropene	8.11	75	138599	19.432	ug/l	99
37) Ethyl Acetate	7.29	43	56041	20.754	ug/l	97
38) Carbon Tetrachloride	8.10	117	146819	19.384	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066716.D
 Acq On : 16 Sep 2020 13:42
 Operator : VA/SY
 Sample : VD0916SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0916SBS01

Quant Time: Sep 17 00:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	153927	18.867	ug/l	91
40) Benzene	8.34	78	375892	19.480	ug/l	94
41) Methacrylonitrile	7.53	41	29019	20.300	ug/l #	63
42) 1,2-Dichloroethane	8.42	62	119341	19.963	ug/l	99
43) Isopropyl Acetate	8.44	43	100623	19.798	ug/l	98
44) Trichloroethene	9.11	130	101734	19.719	ug/l	100
45) 1,2-Dichloropropane	9.38	63	92814	19.456	ug/l	92
46) Dibromomethane	9.47	93	52820	20.150	ug/l	97
47) Bromodichloromethane	9.66	83	140595	19.683	ug/l	98
48) Methyl methacrylate	9.45	41	48489	18.757	ug/l #	86
49) 1,4-Dioxane	9.46	88	10910	388.534	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	261395	99.900	ug/l	99
52) Toluene	10.40	92	243791	19.722	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	127299	19.950	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	150800	19.897	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	69999	20.253	ug/l	95
56) Ethyl methacrylate	10.66	69	80082	20.418	ug/l	95
57) 1,3-Dichloropropane	10.94	76	120296	19.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	205373	119.226	ug/l	100
59) 2-Hexanone	10.98	43	171361	97.469	ug/l	98
60) Dibromochloromethane	11.14	129	87845	19.506	ug/l	95
61) 1,2-Dibromoethane	11.24	107	66953	20.195	ug/l	98
64) Tetrachloroethene	10.87	164	80427	18.659	ug/l	93
65) Chlorobenzene	11.67	112	254385	19.459	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	94291	19.548	ug/l	98
67) Ethyl Benzene	11.74	91	450025	19.005	ug/l	96
68) m/p-Xylenes	11.85	106	341191	38.124	ug/l	98
69) o-Xylene	12.18	106	151266	19.126	ug/l	99
70) Styrene	12.19	104	268719	19.305	ug/l	98
71) Bromoform	12.36	173	46435	19.183	ug/l #	99
73) Isopropylbenzene	12.48	105	424291	19.453	ug/l	99
74) N-amyl acetate	12.28	43	91518	19.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	75382	20.339	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	98095	39.225	ug/l #	100
77) Bromobenzene	12.76	156	97110	19.317	ug/l	99
78) n-propylbenzene	12.82	91	521232	19.604	ug/l	100
79) 2-Chlorotoluene	12.91	91	291550	19.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	360885	19.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23410	20.202	ug/l	98
82) 4-Chlorotoluene	13.00	91	316535	19.912	ug/l	98
83) tert-Butylbenzene	13.23	119	291250	19.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	362902	19.691	ug/l	98
85) sec-Butylbenzene	13.40	105	415316	19.059	ug/l	100
86) p-Isopropyltoluene	13.52	119	386059	19.487	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	187509	19.442	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	186384	19.407	ug/l	99
89) n-Butylbenzene	13.84	91	358421	19.027	ug/l	98
90) Hexachloroethane	14.11	117	77293	18.992	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	159427	19.292	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12428	20.744	ug/l	98

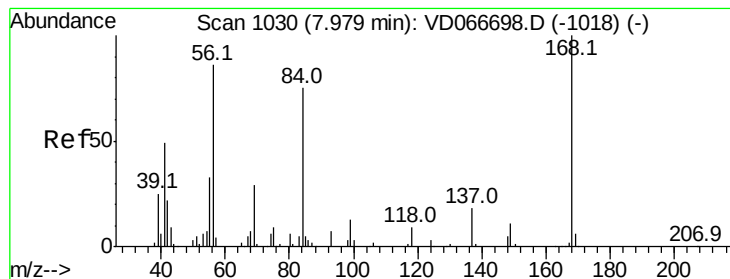
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066716.D
Acq On : 16 Sep 2020 13:42
Operator : VA/SY
Sample : VD0916SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

Quant Time: Sep 17 00:50:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96641	19.335	ug/l	99
94) Hexachlorobutadiene	15.27	225	56877	18.887	ug/l	98
95) Naphthalene	15.41	128	168555	19.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	83480	19.121	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

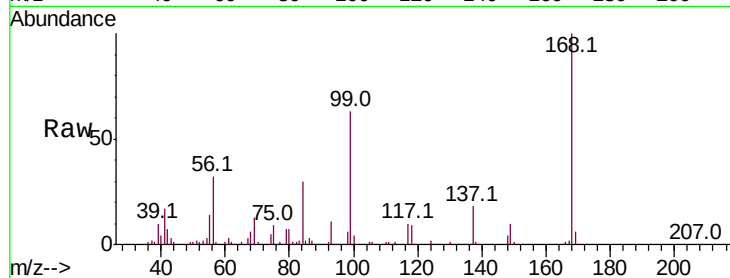
VD0916SBS01

Tot Ion:168 Resp: 414418

Ion Ratio Lower Upper

168 100

99 62.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

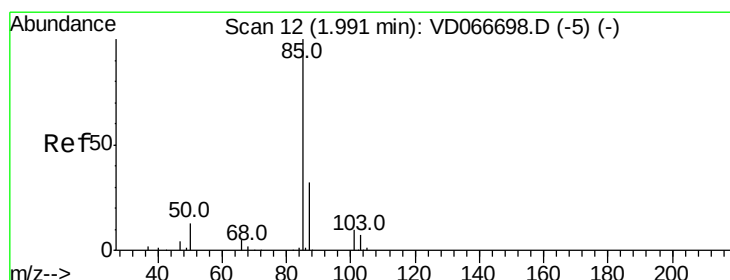
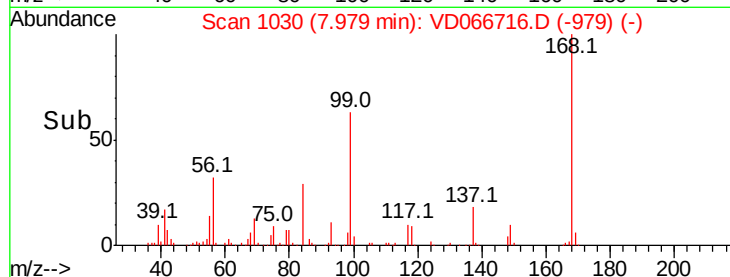
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.429 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066716.D

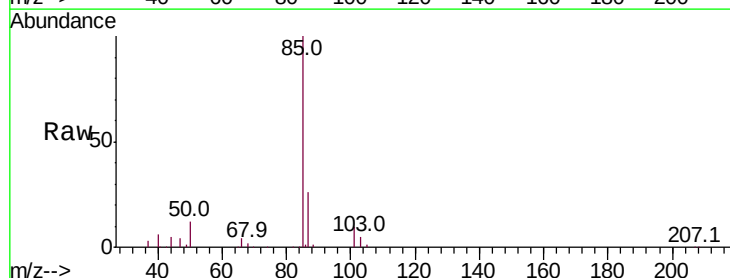
Acq: 16 Sep 2020 13:42

Tgt Ion: 85 Resp: 76811

Ion Ratio Lower Upper

85 100

87 26.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

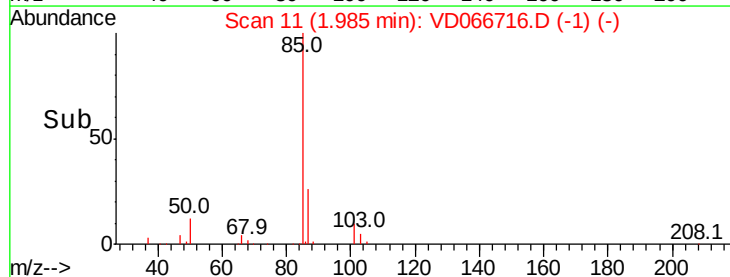
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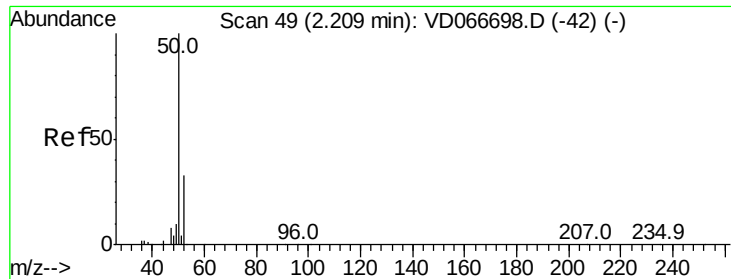
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.834 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

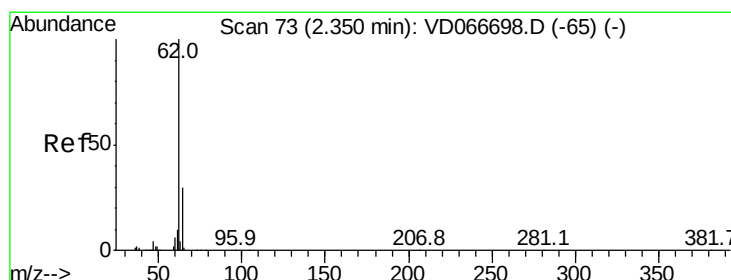
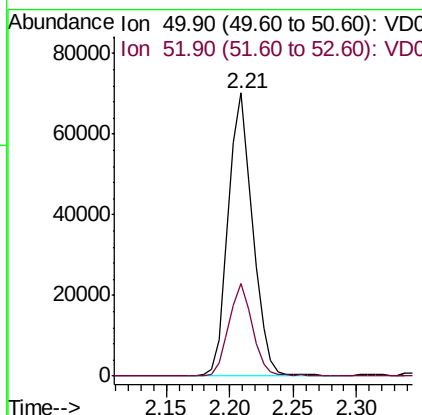
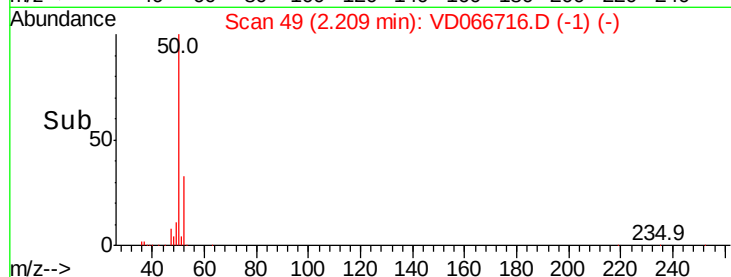
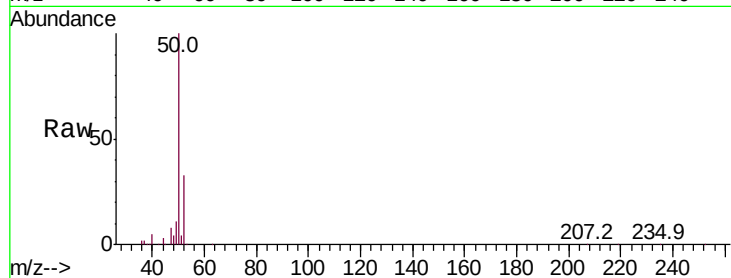
VD0916SBS01

Tot Ion: 50 Resp: 93957

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 20.604 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066716.D

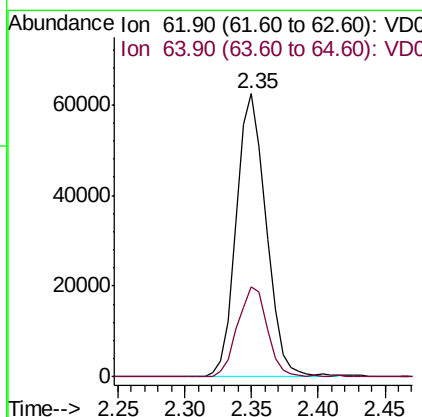
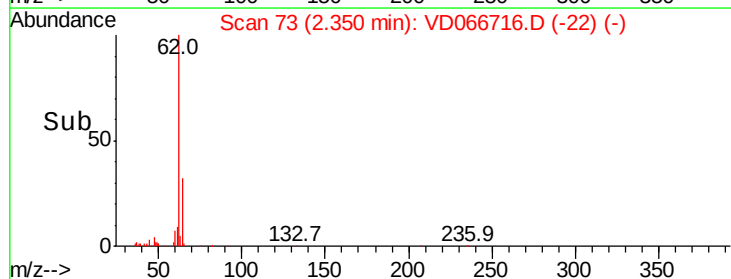
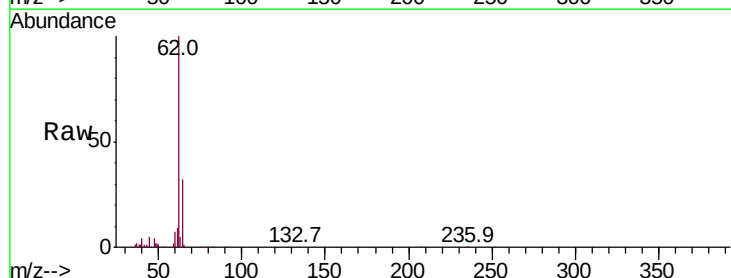
Acq: 16 Sep 2020 13:42

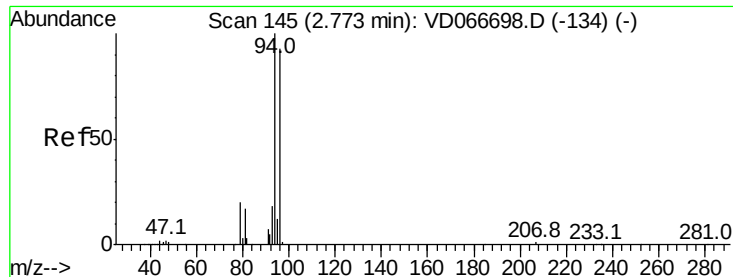
Tgt Ion: 62 Resp: 97246

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6





#5

Bromomethane

Concen: 20.558 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

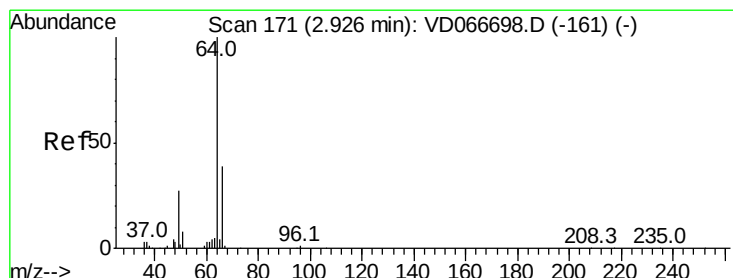
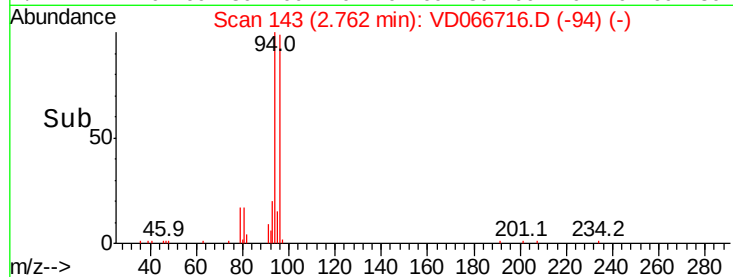
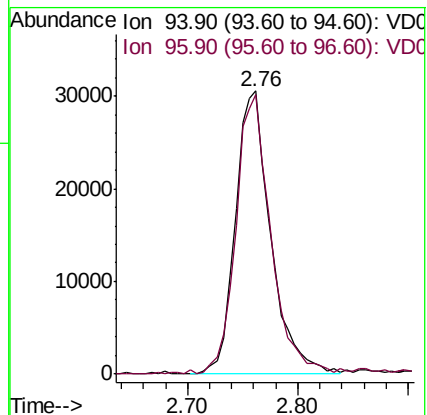
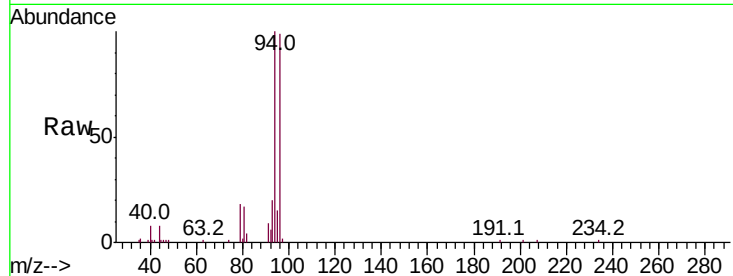
VD0916SBSD01

Tot Ion: 94 Resp: 68831

Ion Ratio Lower Upper

94 100

96 97.5 74.7 112.1



#6

Chloroethane

Concen: 20.782 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066716.D

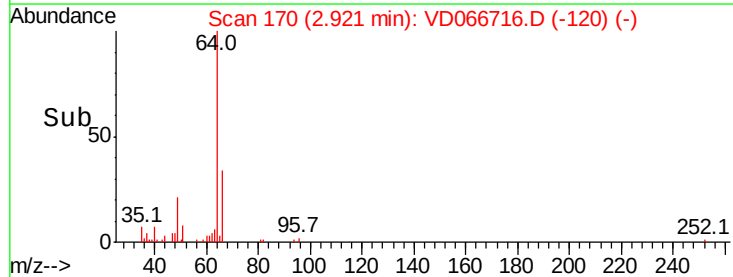
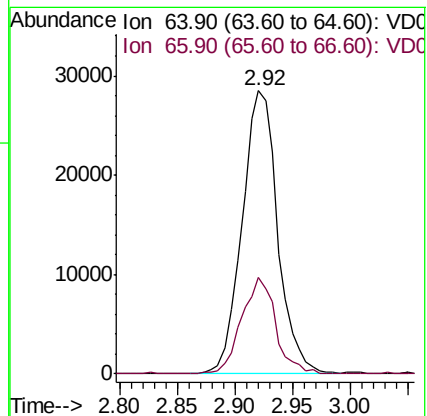
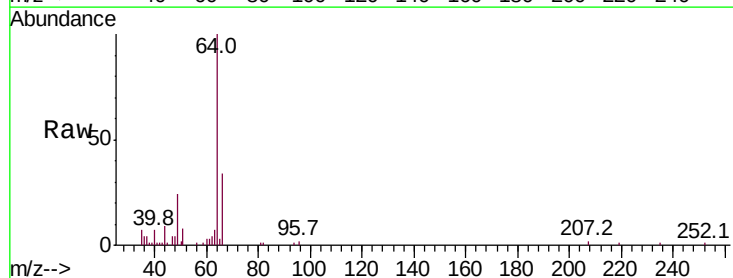
Acq: 16 Sep 2020 13:42

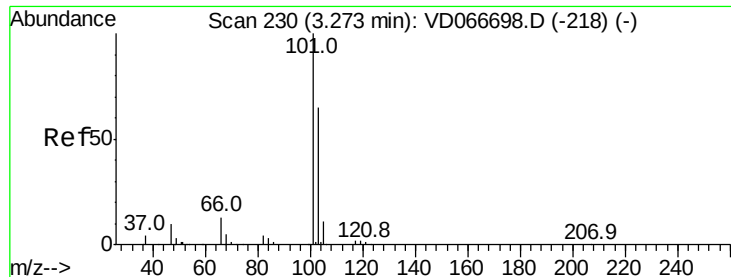
Tgt Ion: 64 Resp: 61104

Ion Ratio Lower Upper

64 100

66 34.0 30.9 46.3



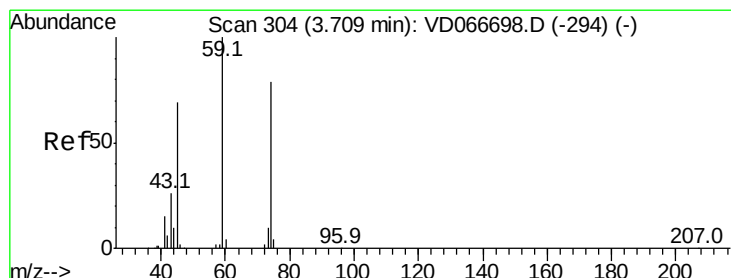
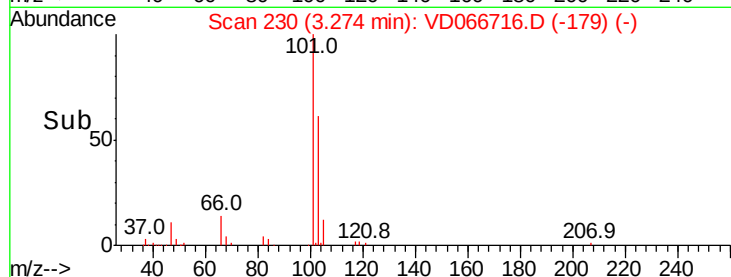
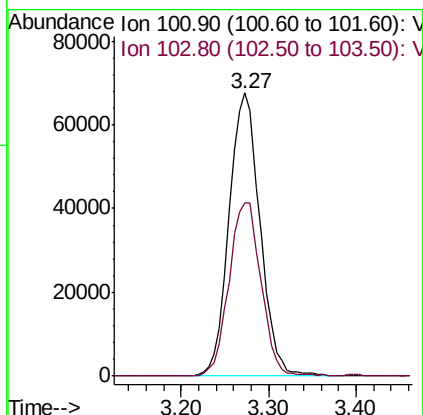
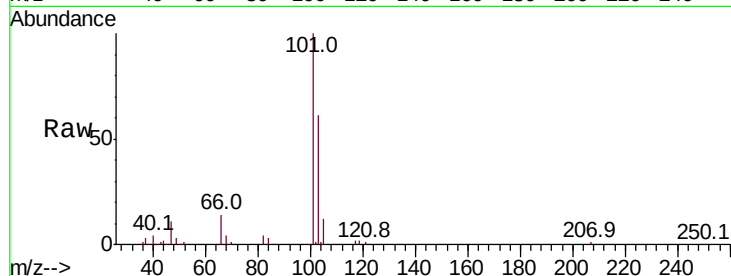


#7

Trichlorofluoromethane
 Concen: 19.882 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBS01

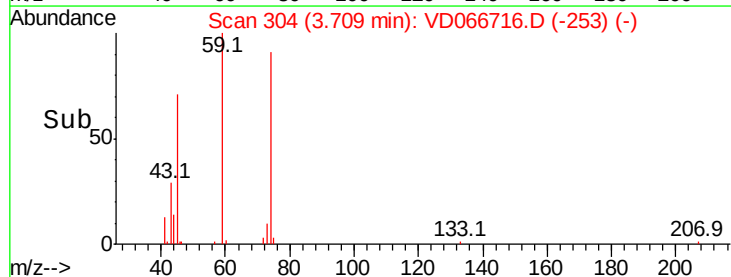
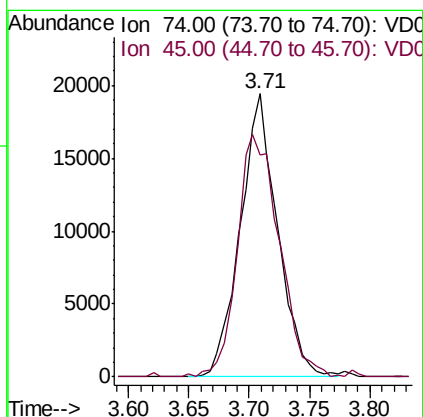
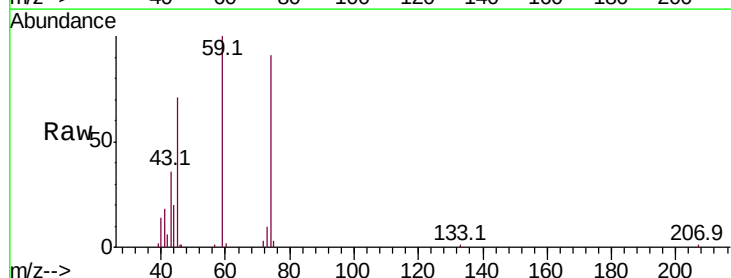
Tot Ion:101 Resp: 162083
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.8 77.8

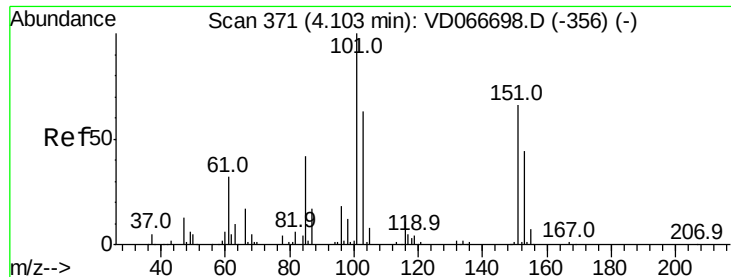


#8

Diethyl Ether
 Concen: 20.491 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 74 Resp: 41829
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.706 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

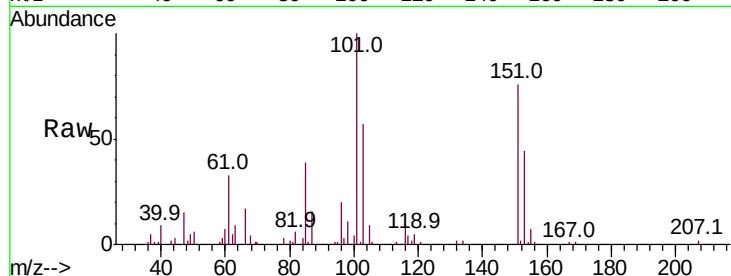
Tot Ion:101 Resp: 88286

Ion Ratio Lower Upper

101 100

85 45.4 36.3 54.5

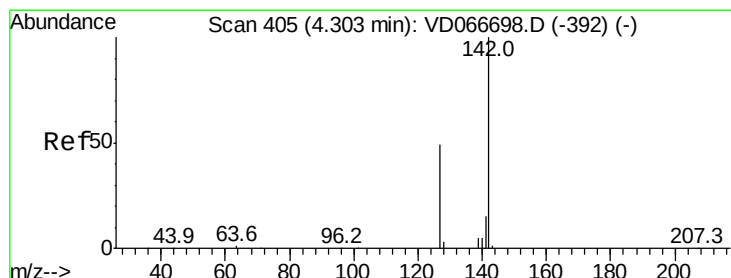
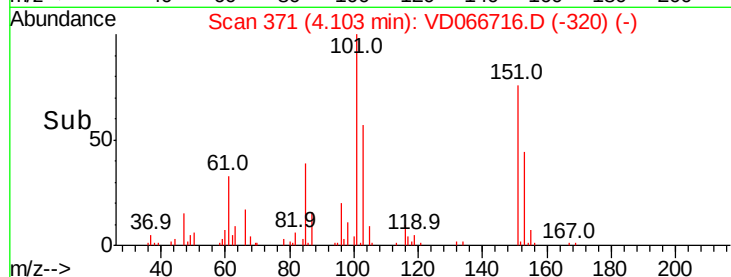
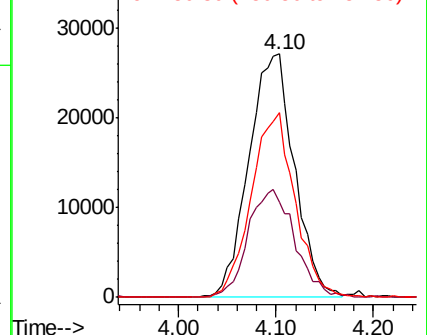
151 73.1 58.0 87.0



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: 20.098 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

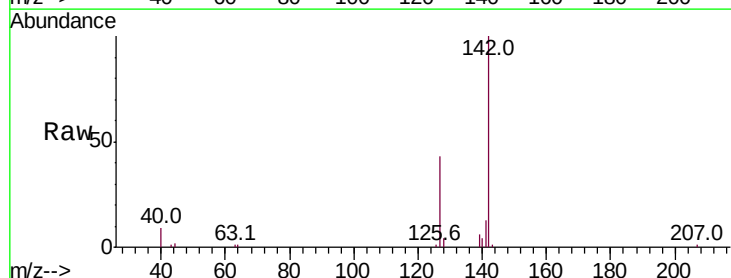
Tgt Ion:142 Resp: 85434

Ion Ratio Lower Upper

142 100

127 46.3 39.0 58.4

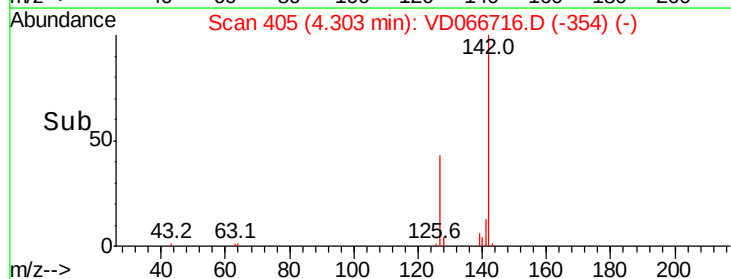
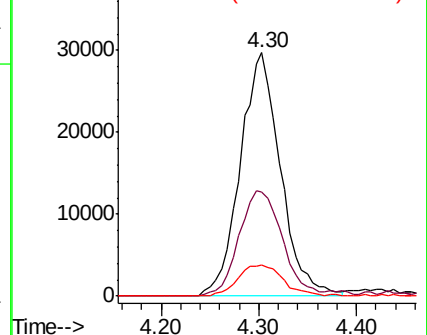
141 14.3 11.7 17.5

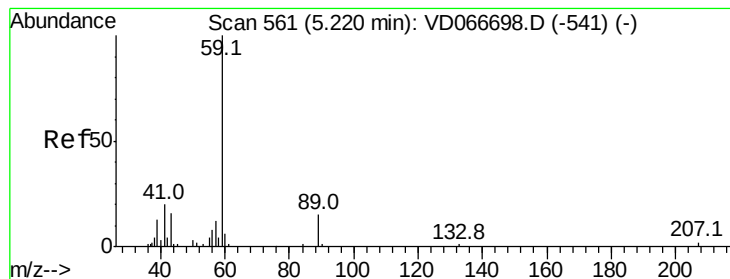


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



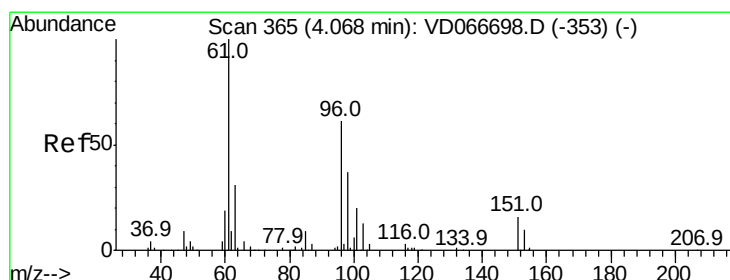
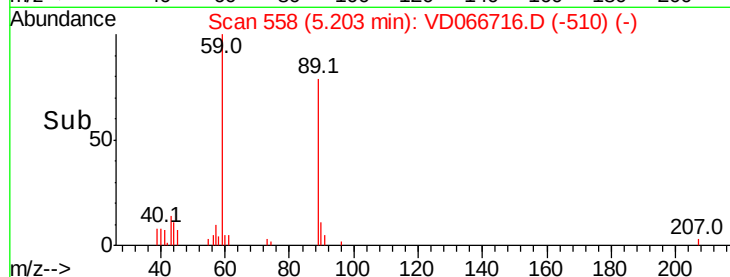
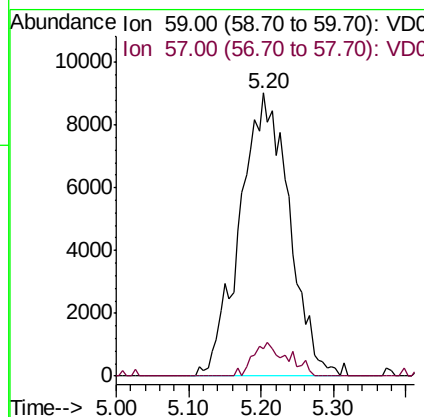
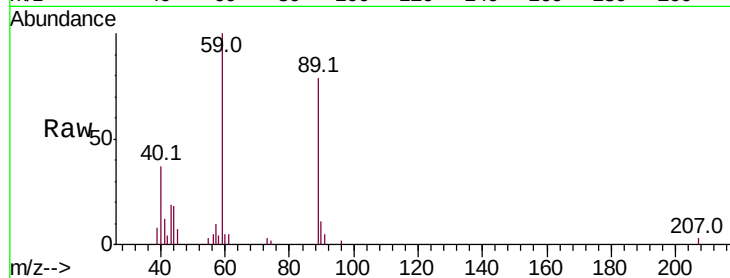


#11

Tert butyl alcohol
 Concen: 110.283 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBS01

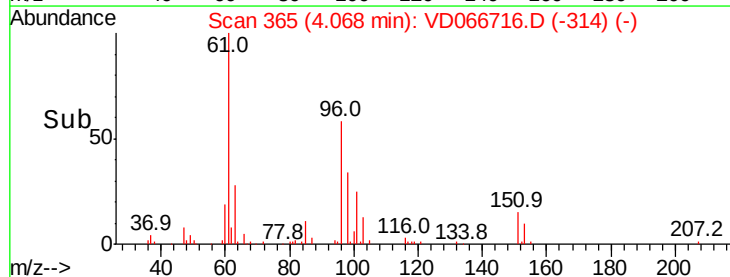
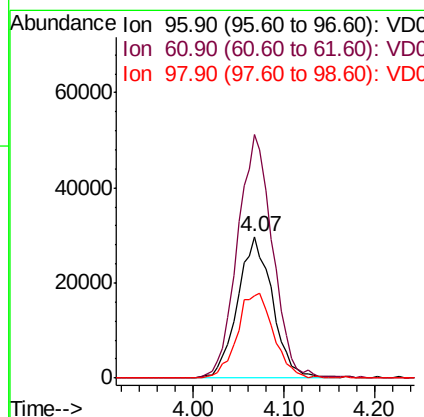
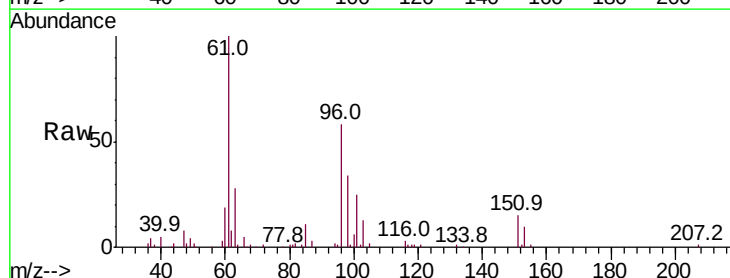
Tot Ion: 59 Resp: 42670
 Ion Ratio Lower Upper
 59 100
 57 8.4 6.7 10.1

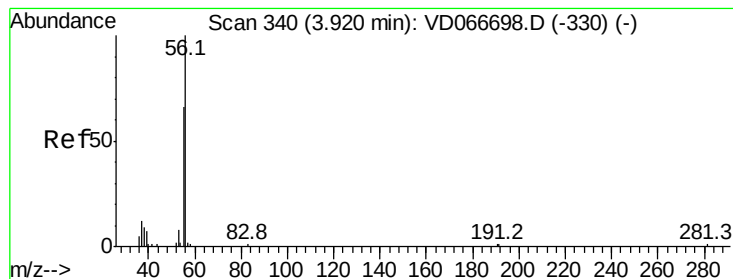


#12

1,1-Dichloroethene
 Concen: 19.193 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 96 Resp: 79586
 Ion Ratio Lower Upper
 96 100
 61 172.1 131.9 197.9
 98 58.6 49.1 73.7





#13

Acrolein

Concen: 104.828 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

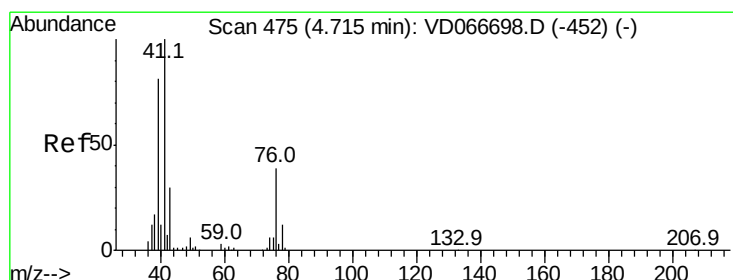
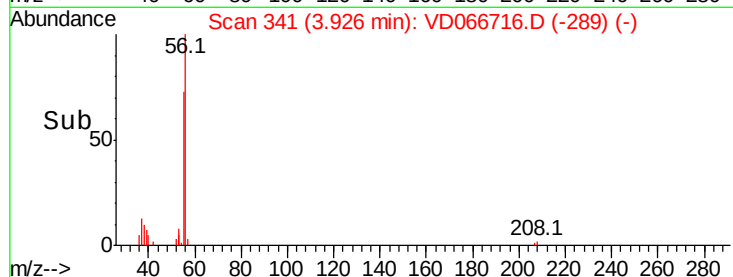
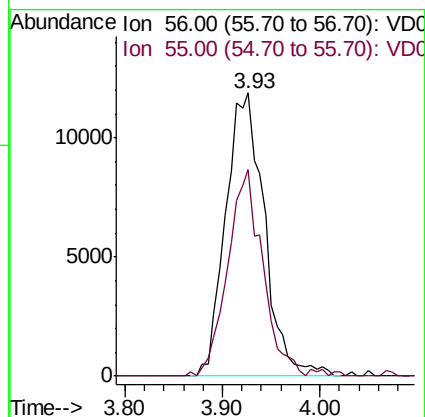
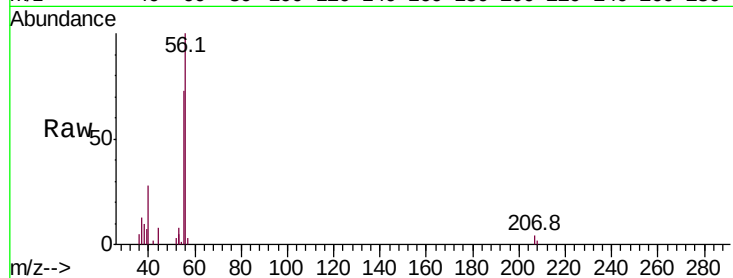
VD0916SBSD01

Tot Ion: 56 Resp: 32690

Ion Ratio Lower Upper

56 100

55 65.8 54.7 82.1



#14

Allyl chloride

Concen: 19.564 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

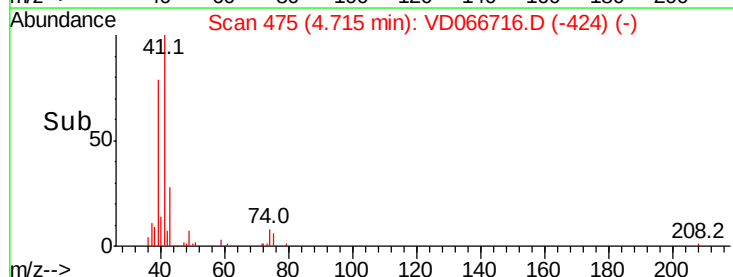
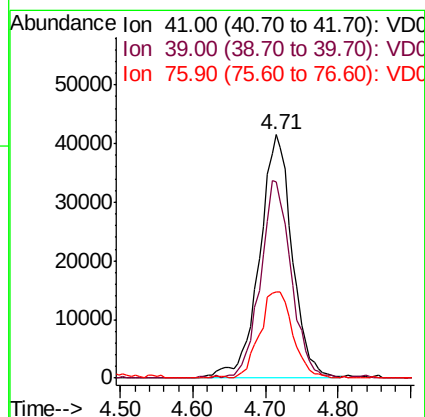
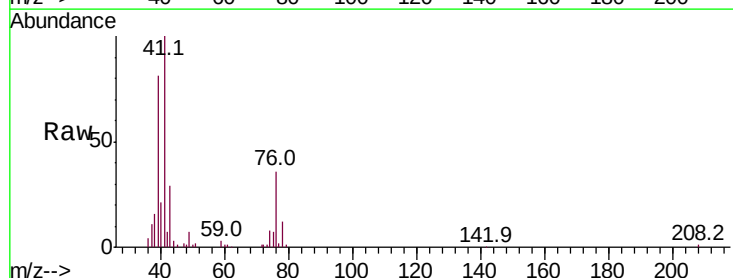
Tgt Ion: 41 Resp: 130285

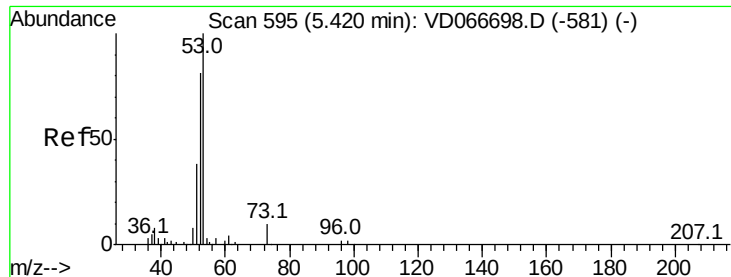
Ion Ratio Lower Upper

41 100

39 76.1 60.6 90.8

76 35.9 29.2 43.8





#15

Acrylonitrile

Concen: 98.472 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

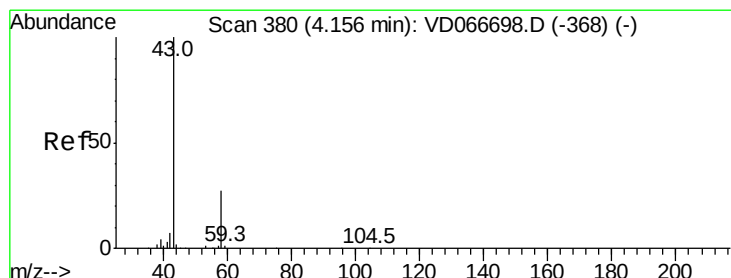
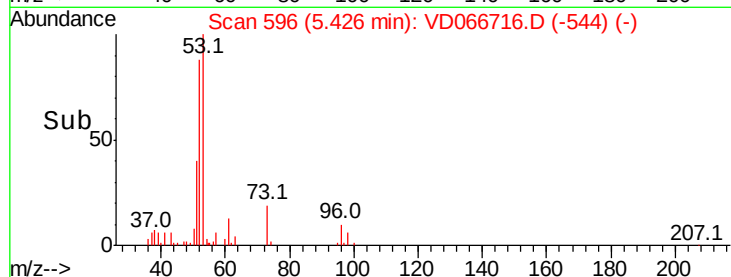
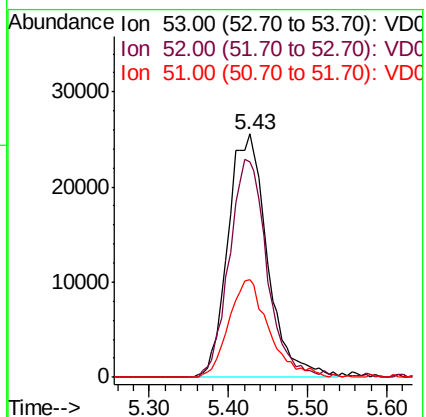
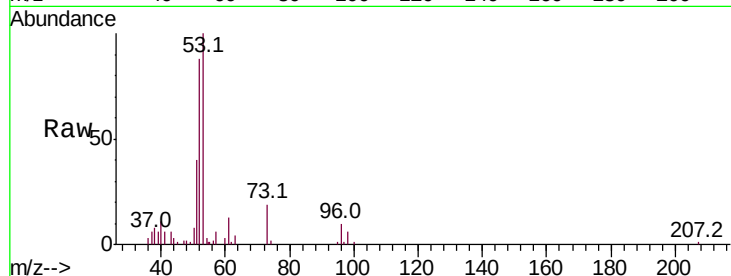
Tot Ion: 53 Resp: 88059

Ion Ratio Lower Upper

53 100

52 85.4 66.6 99.8

51 41.0 31.0 46.6



#16

Acetone

Concen: 96.642 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066716.D

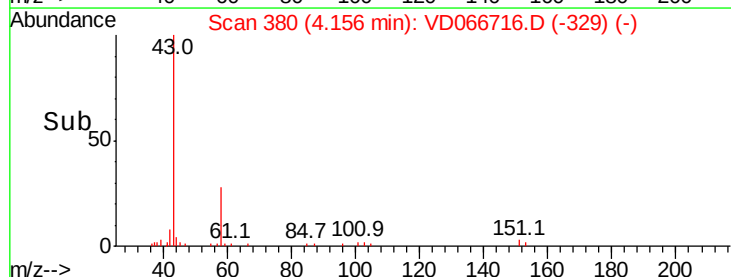
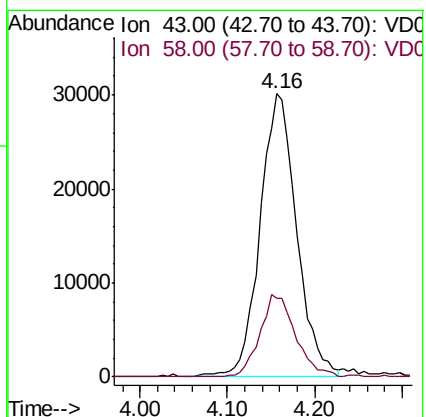
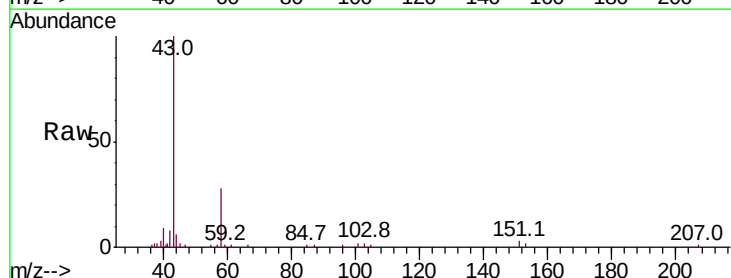
Acq: 16 Sep 2020 13:42

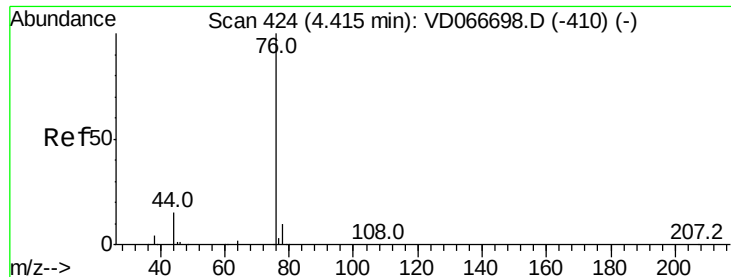
Tgt Ion: 43 Resp: 87017

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9





#17

Carbon Disulfide

Concen: 20.299 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

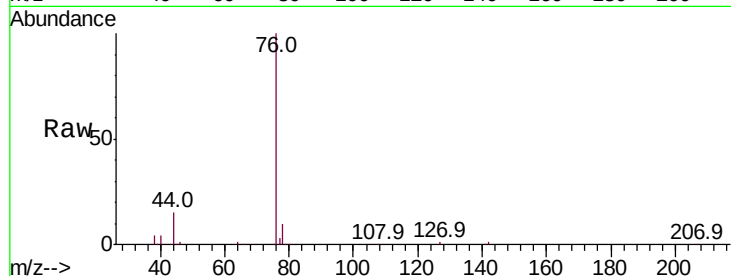
VD0916SBSD01

Tot Ion: 76 Resp: 264501

Ion Ratio Lower Upper

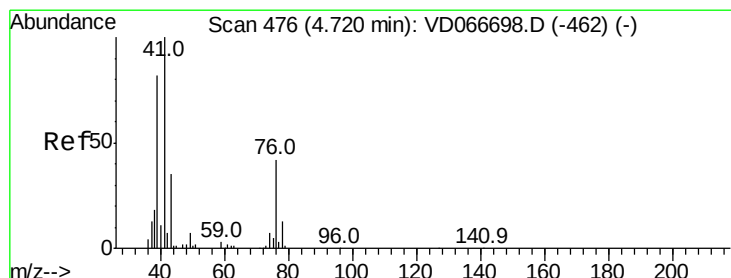
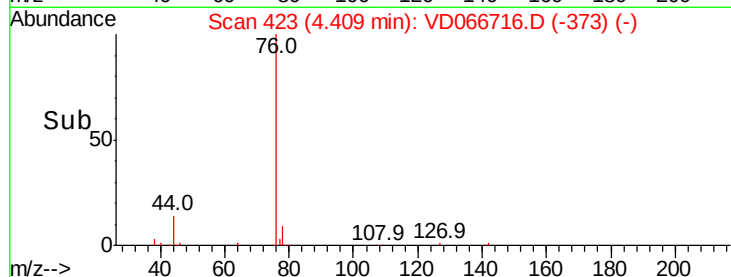
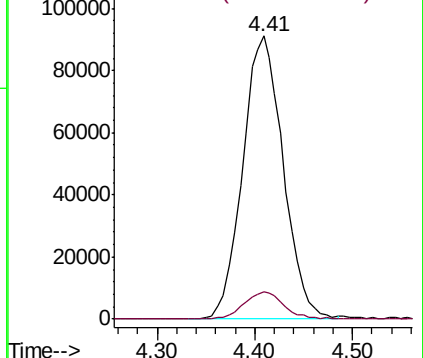
76 100

78 9.5 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.952 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066716.D

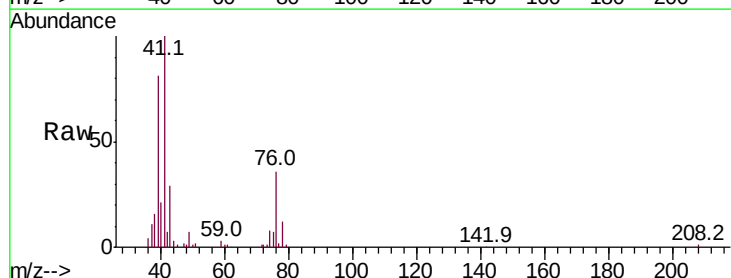
Acq: 16 Sep 2020 13:42

Tgt Ion: 43 Resp: 40727

Ion Ratio Lower Upper

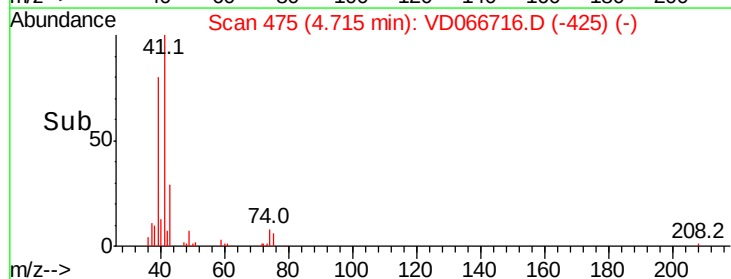
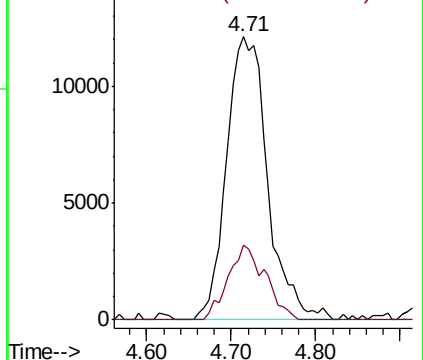
43 100

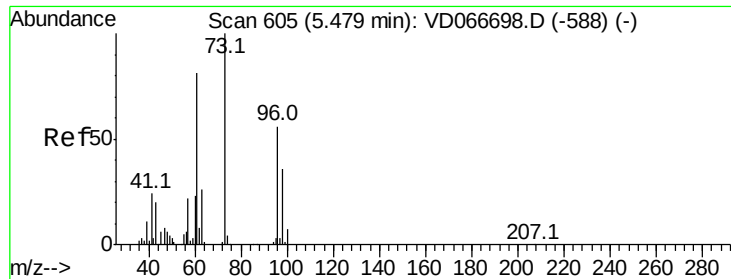
74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

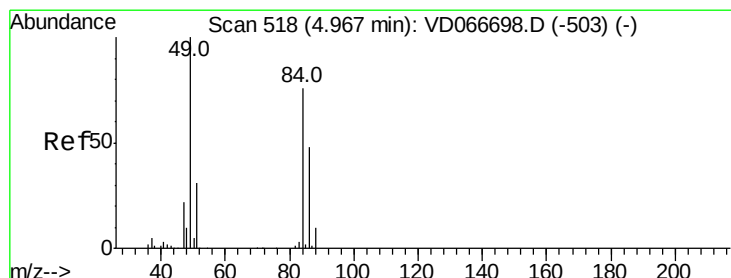
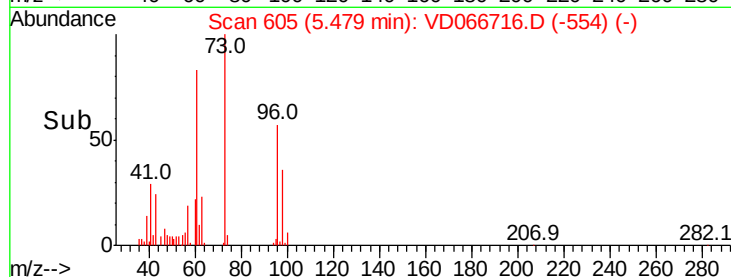
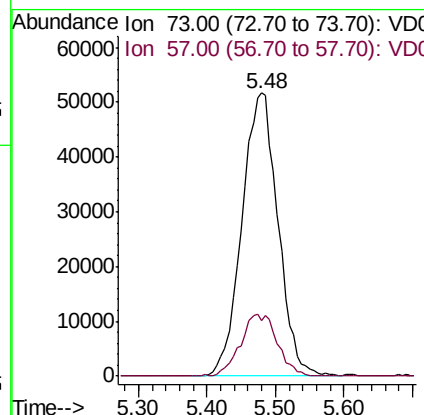
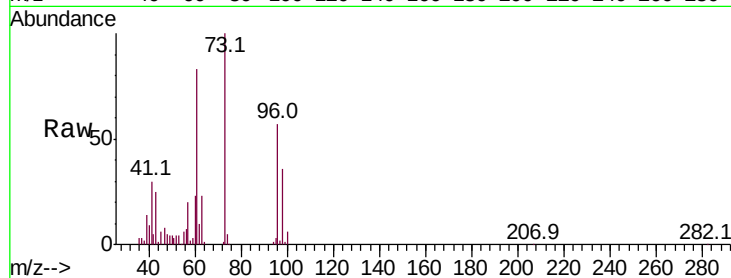




#19
Methyl tert-butyl Ether
Concen: 20.392 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

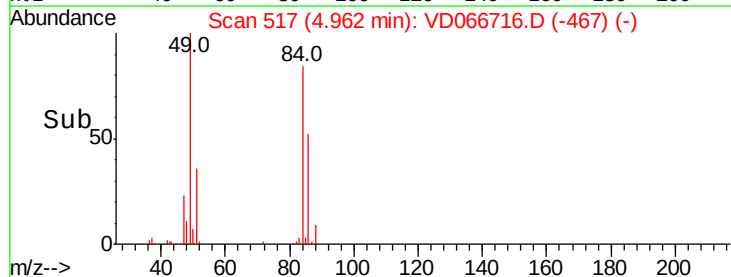
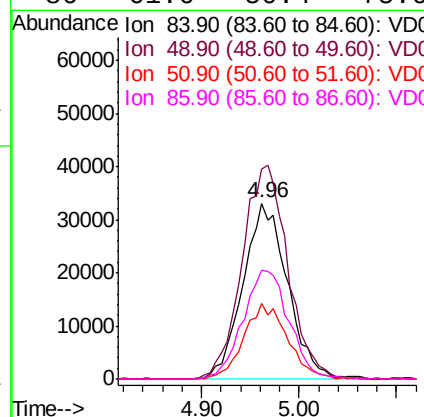
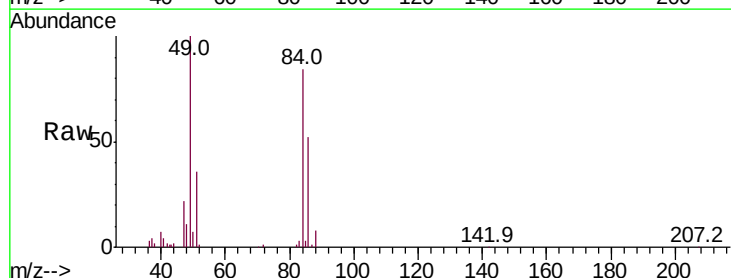
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

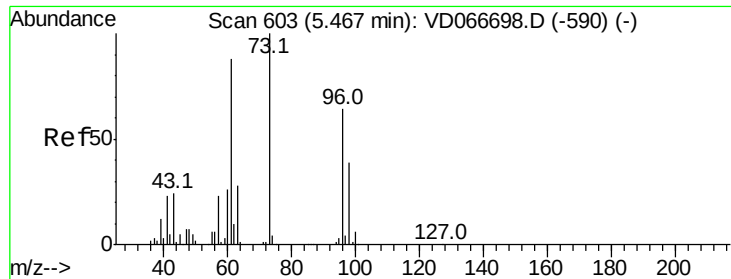
Tot Ion: 73 Resp: 188343
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6



#20
Methylene Chloride
Concen: 16.753 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 84 Resp: 104781
Ion Ratio Lower Upper
84 100
49 119.6 105.0 157.6
51 42.7 32.2 48.4
86 61.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.760 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

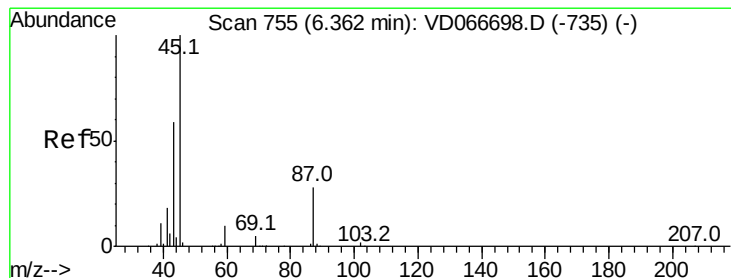
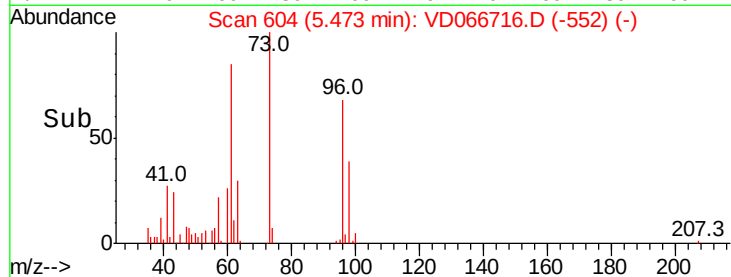
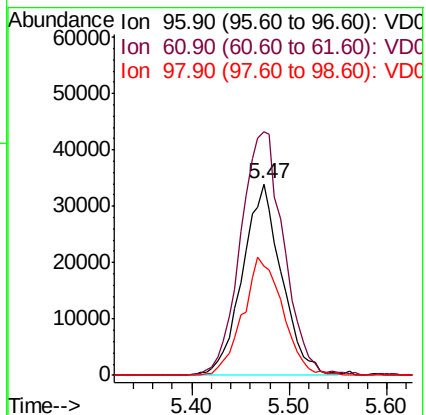
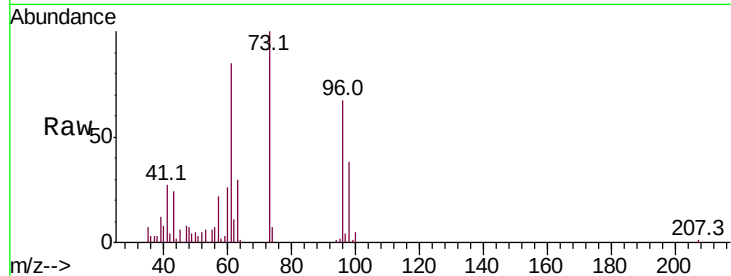
Tot Ion: 96 Resp: 95462

Ion Ratio Lower Upper

96 100

61 127.0 110.6 166.0

98 57.0 49.2 73.8



#22

Diisopropyl ether

Concen: 20.809 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Tgt Ion: 45 Resp: 281575

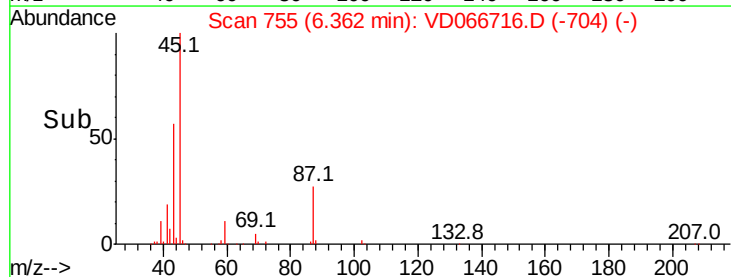
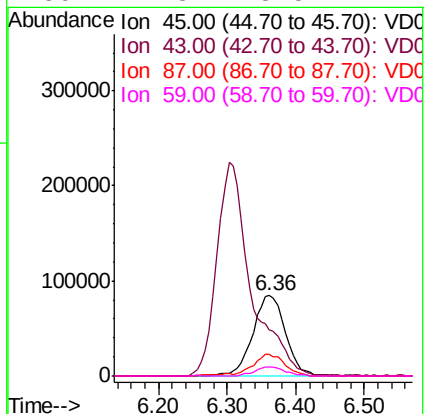
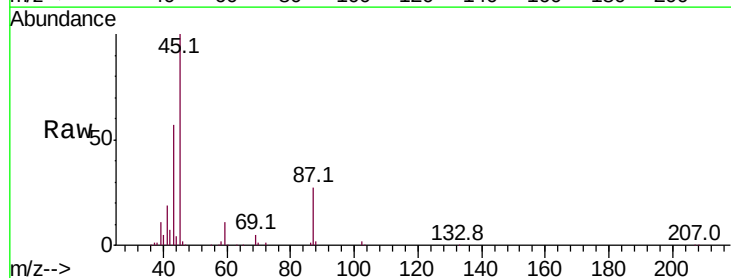
Ion Ratio Lower Upper

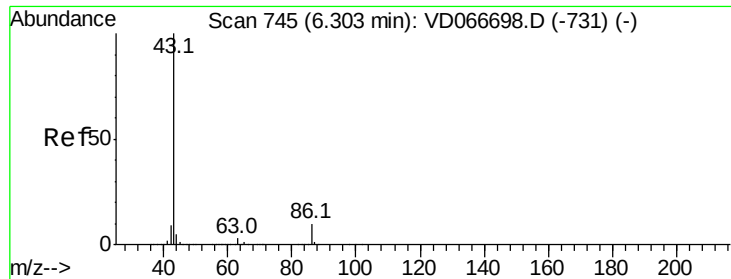
45 100

43 55.9 46.9 70.3

87 27.1 22.4 33.6

59 11.3 8.5 12.7





#23

Vinyl Acetate

Concen: 103.595 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

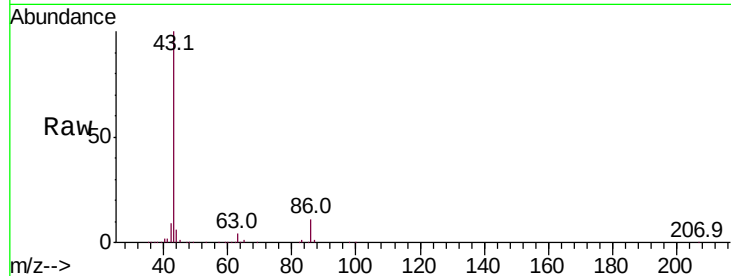
VD0916SBSD01

Tot Ion: 43 Resp: 779746

Ion Ratio Lower Upper

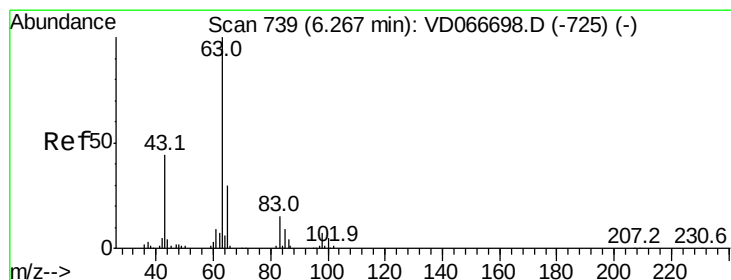
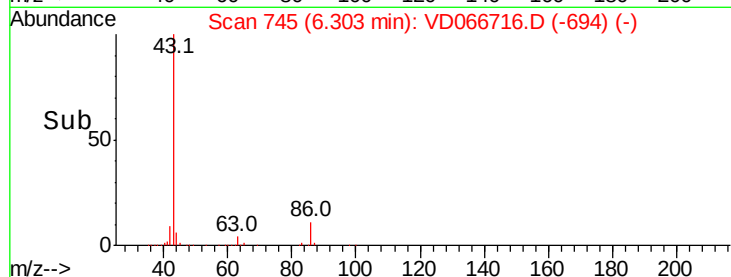
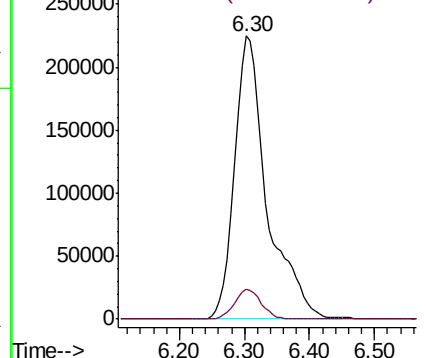
43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.079 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

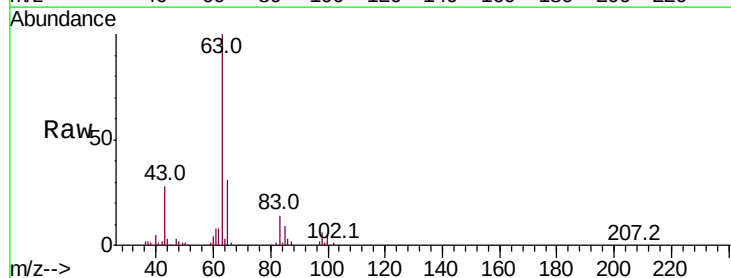
Tgt Ion: 63 Resp: 163825

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

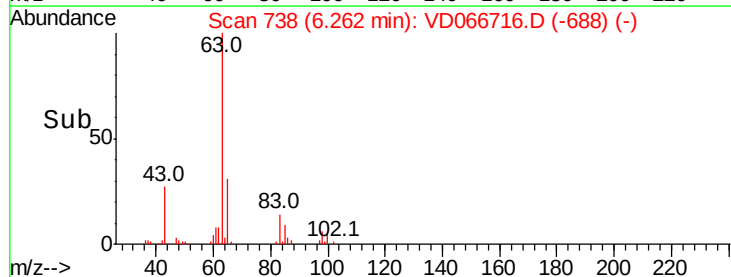
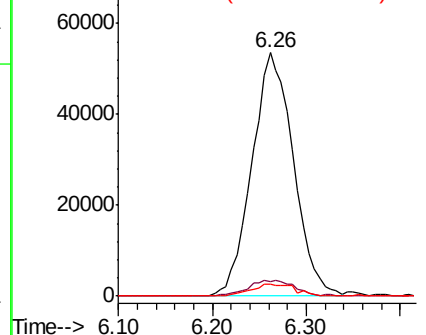
100 4.7 2.6 8.0

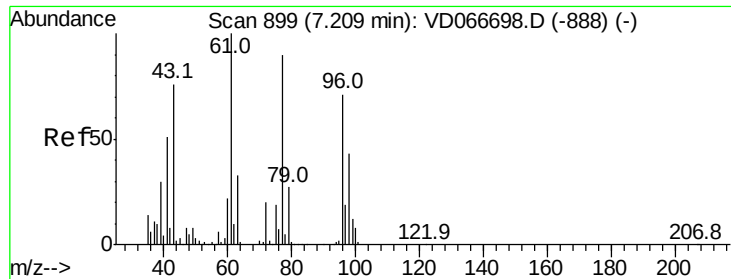


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 97.390 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

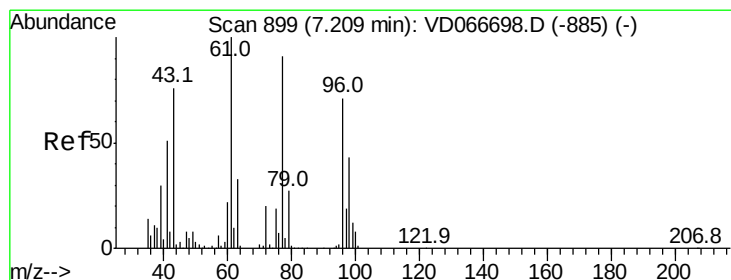
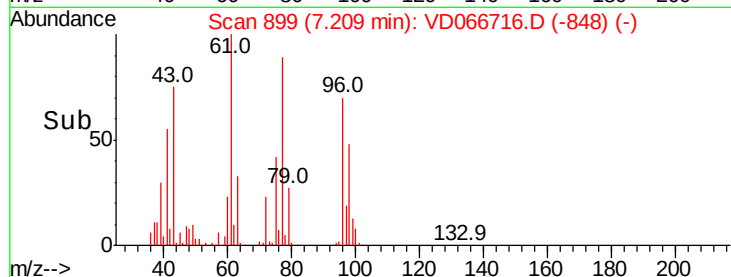
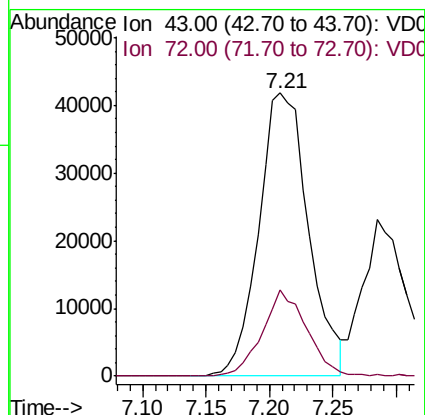
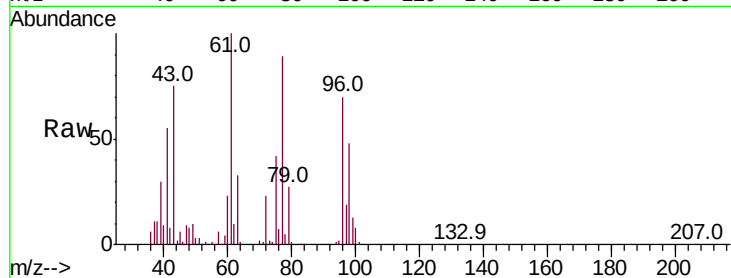
VD0916SBSD01

Tot Ion: 43 Resp: 114186

Ion Ratio Lower Upper

43 100

72 30.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.071 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066716.D

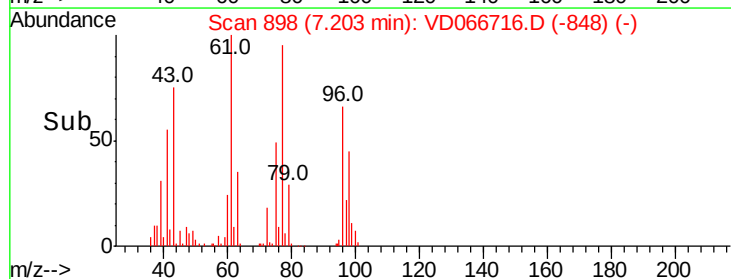
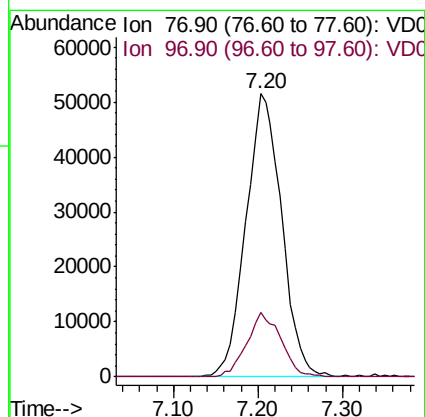
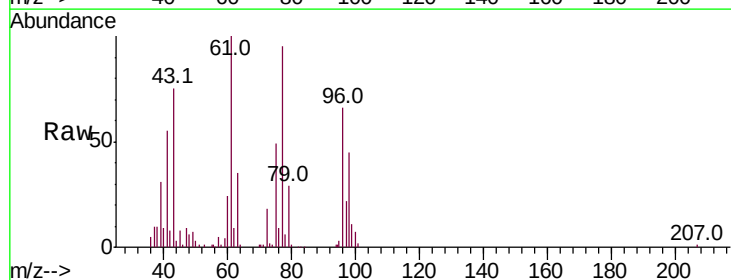
Acq: 16 Sep 2020 13:42

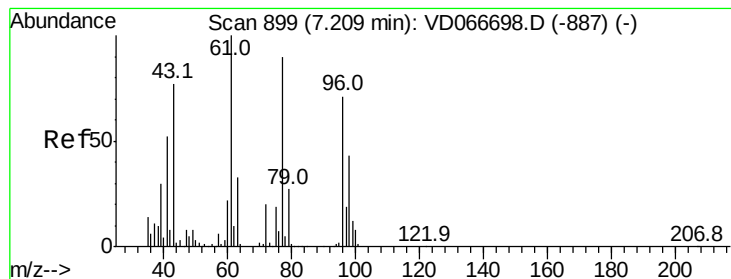
Tgt Ion: 77 Resp: 151425

Ion Ratio Lower Upper

77 100

97 21.7 10.6 31.8



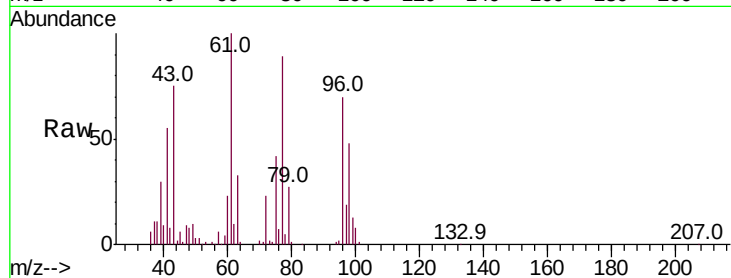


#27

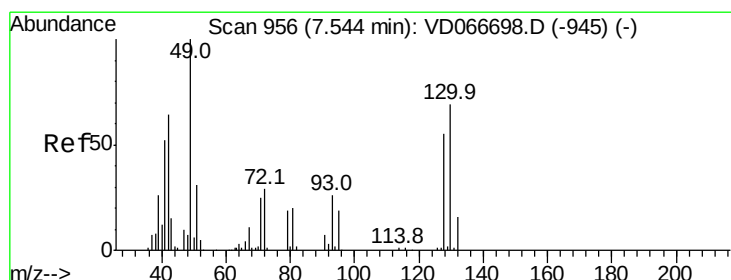
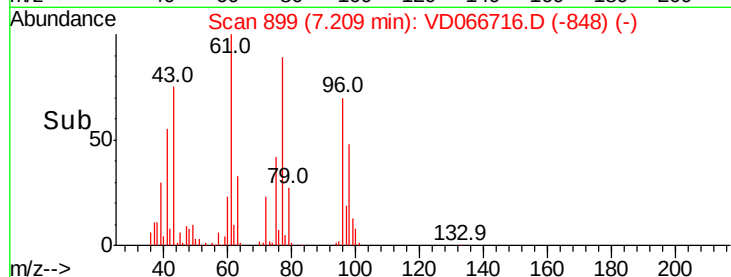
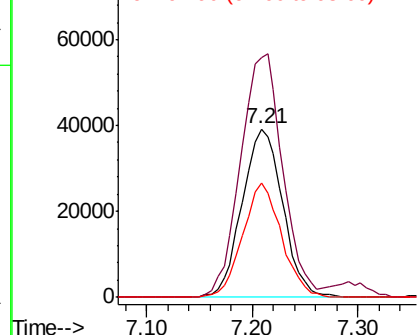
cis-1,2-Dichloroethene
 Concen: 19.786 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

Tot Ion: 96 Resp: 104575
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 292.4
 98 64.9 0.0 127.0



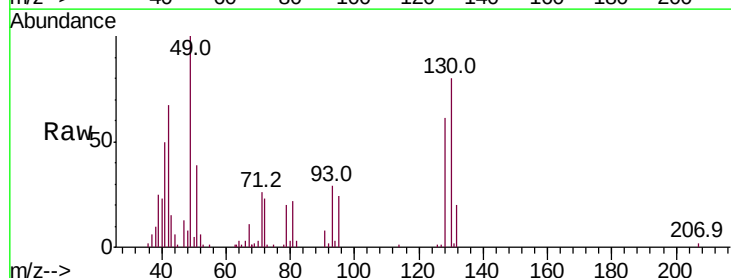
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



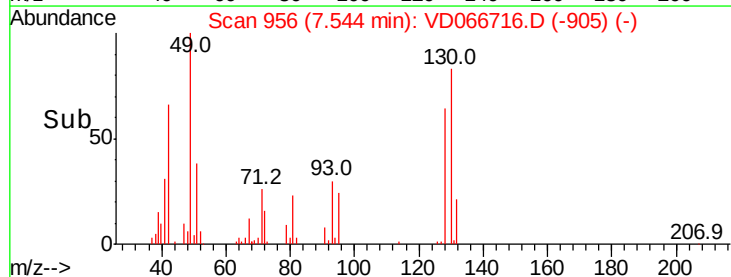
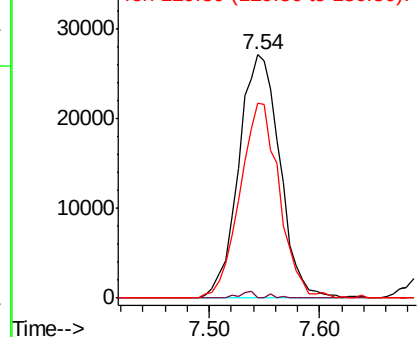
#28

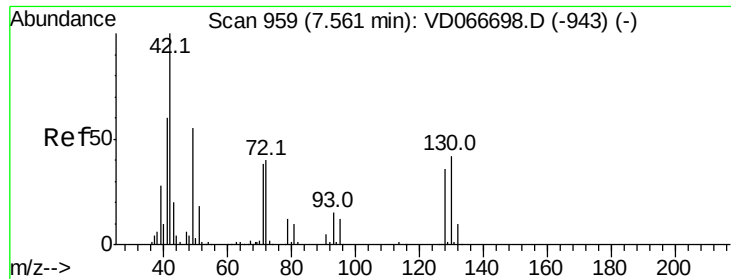
Bromochloromethane
 Concen: 22.022 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 49 Resp: 70630
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 77.1 58.6 88.0



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

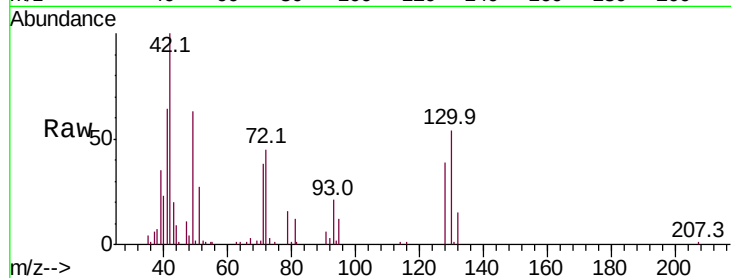




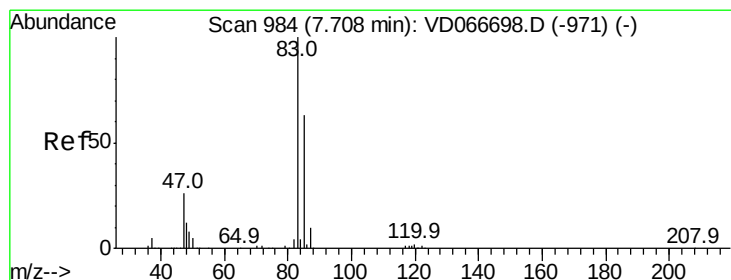
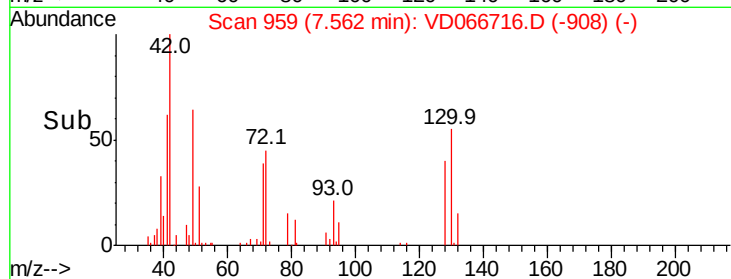
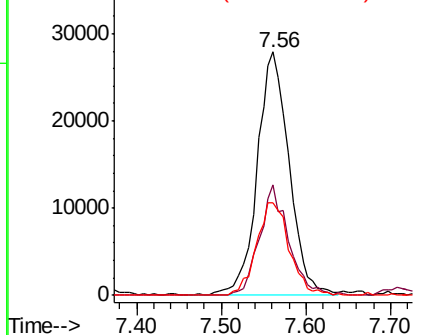
#29
Tetrahydrofuran
Concen: 102.223 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

Tot Ion: 42 Resp: 73330
Ion Ratio Lower Upper
42 100
72 41.2 32.6 48.8
71 39.3 30.6 45.8

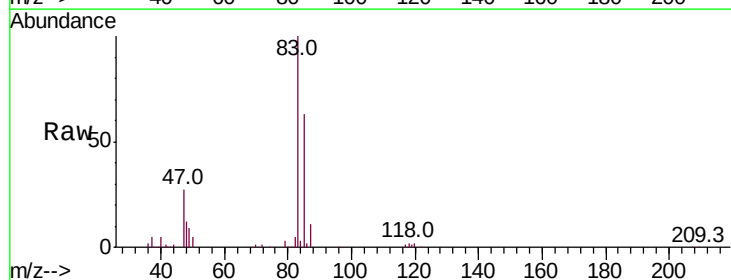


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

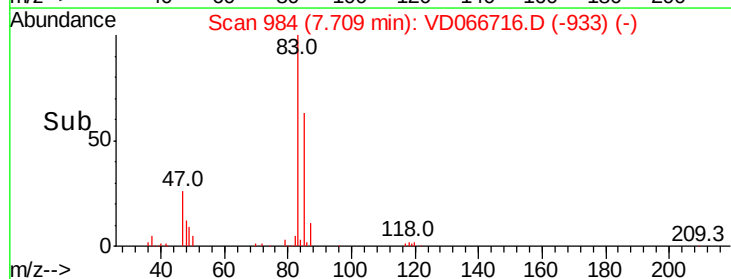
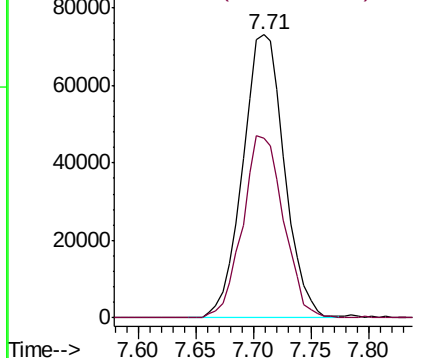


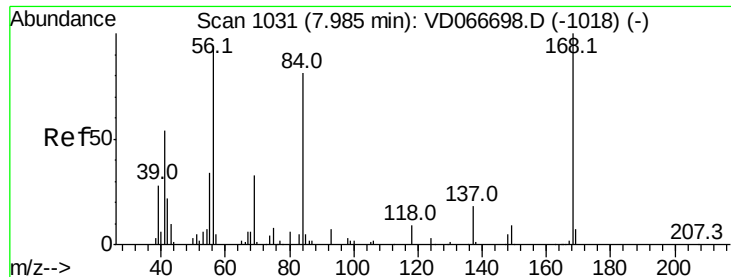
#30
Chloroform
Concen: 20.124 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 83 Resp: 183906
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0



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





#31

Cyclohexane

Concen: 19.384 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBSD01

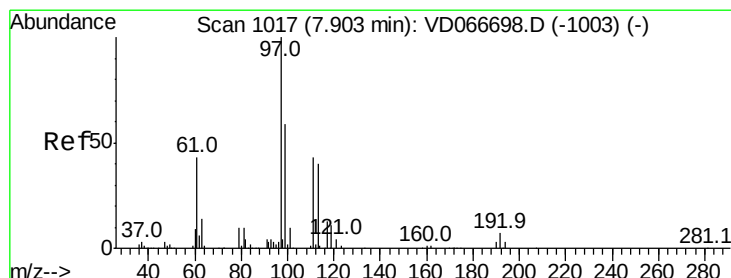
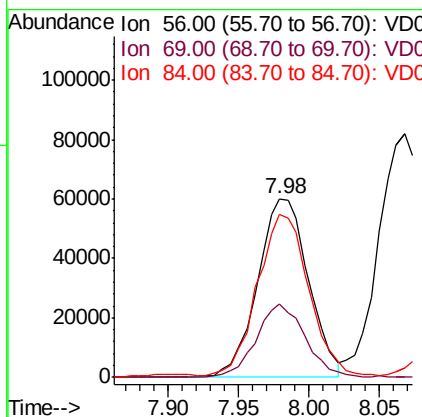
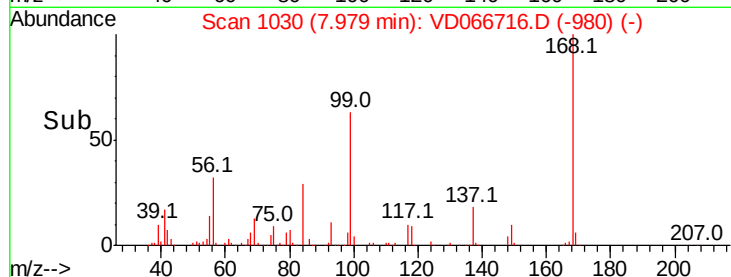
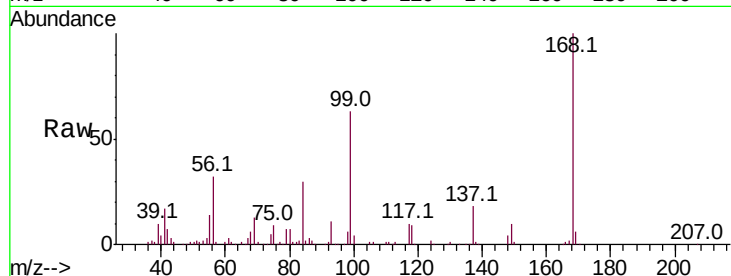
Tot Ion: 56 Resp: 151393

Ion Ratio Lower Upper

56 100

69 40.9 27.7 41.5

84 89.5 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 19.697 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

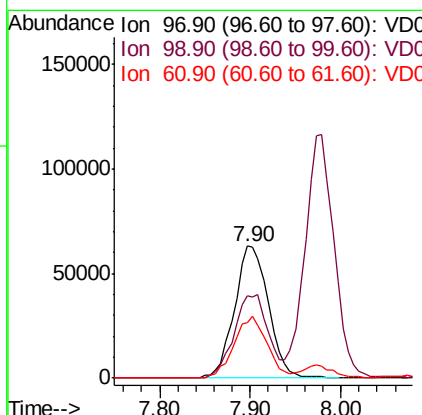
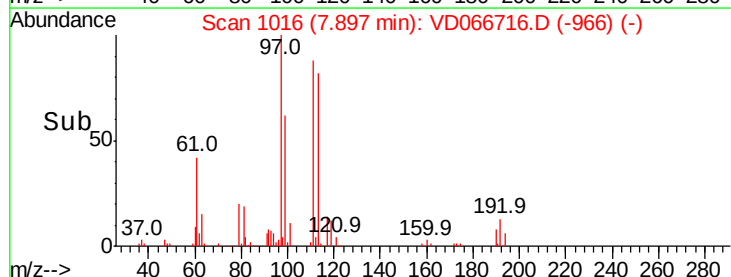
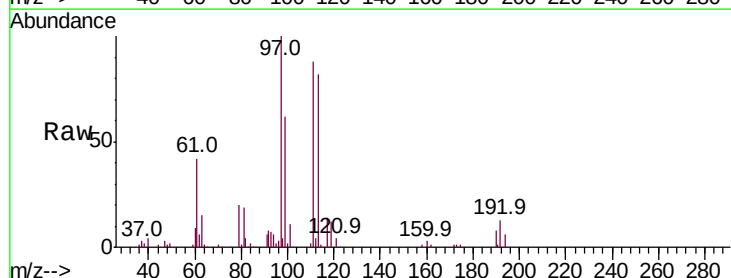
Tgt Ion: 97 Resp: 164720

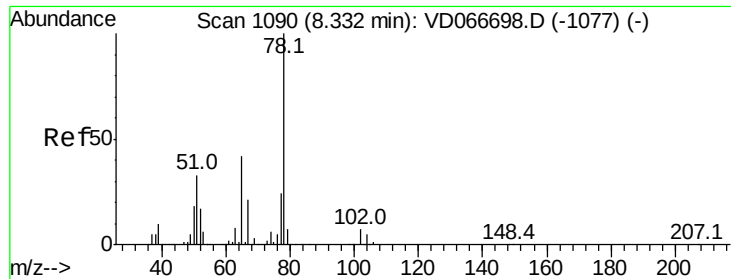
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 45.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.588 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

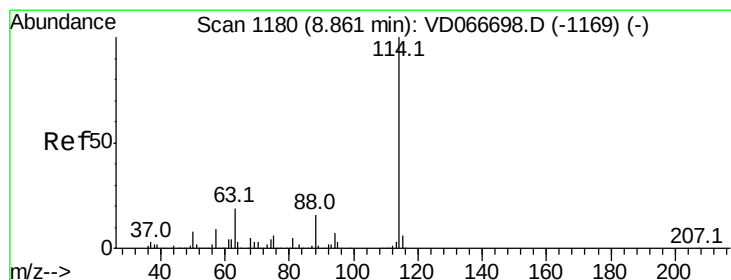
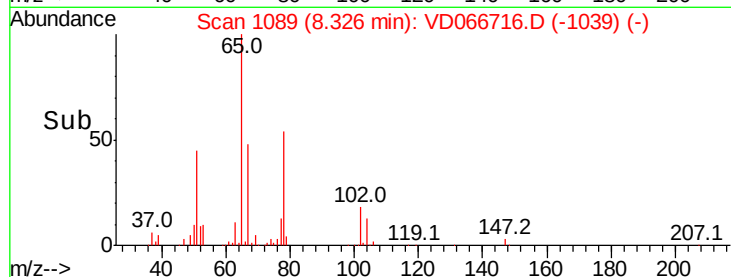
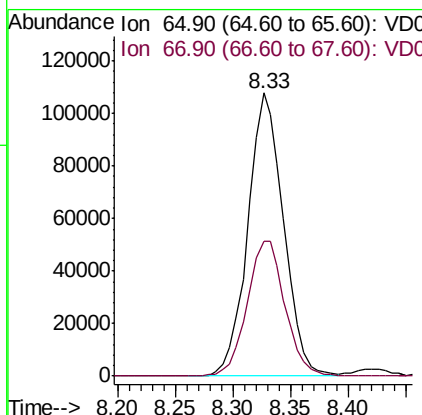
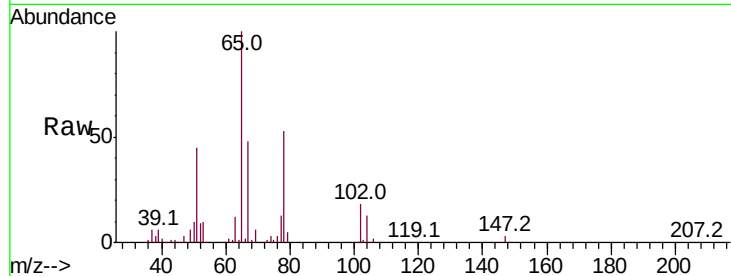
Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

Tot Ion: 65 Resp: 232524

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

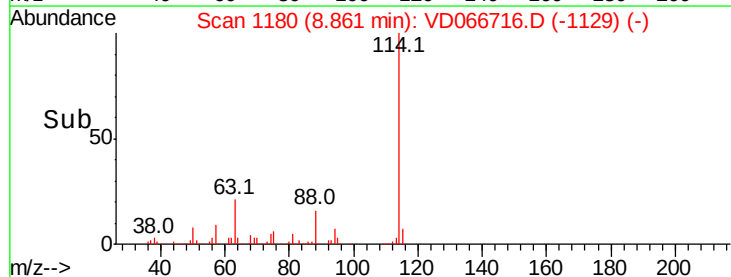
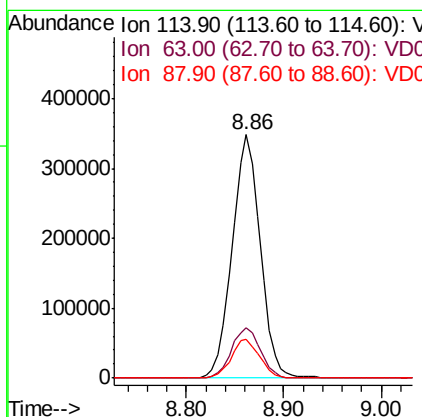
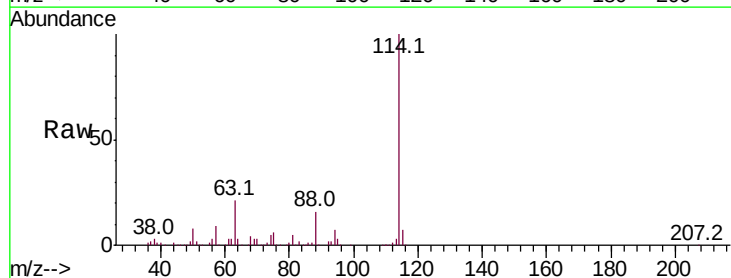
Delta R.T. 0.00 min

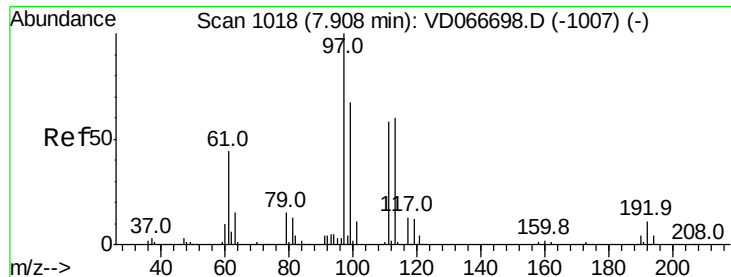
Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Tgt Ion: 114 Resp: 693730

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.6
88	16.0	0.0	32.2

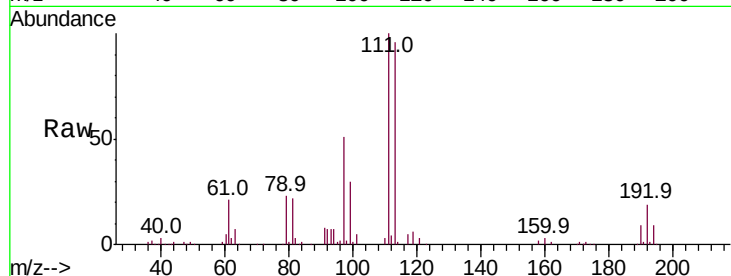




#35
 Dibromofluoromethane
 Concen: 51.148 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	18.0	14.8	22.2

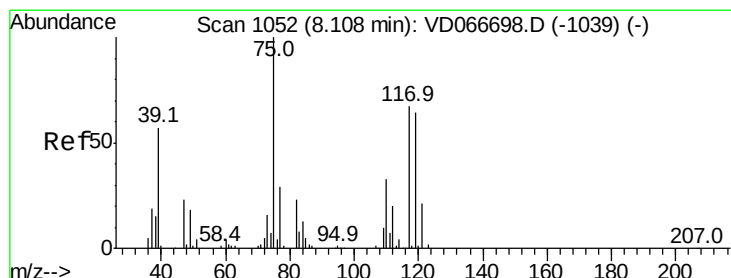
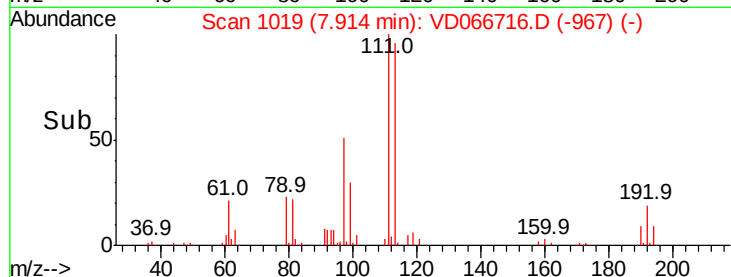
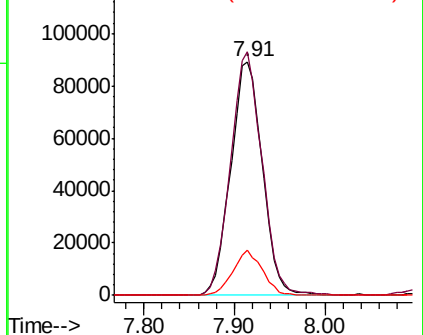


Abundance

Ion 112.80 (112.50 to 113.50): V

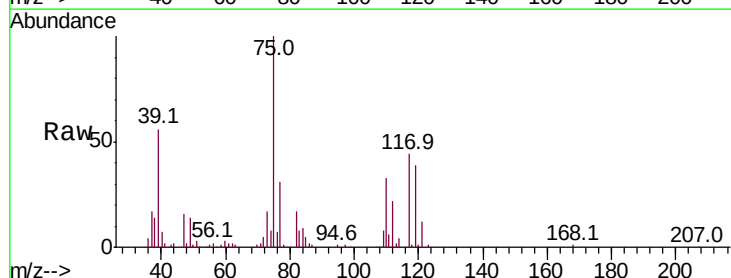
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.432 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.2
77	30.9	25.0	37.6

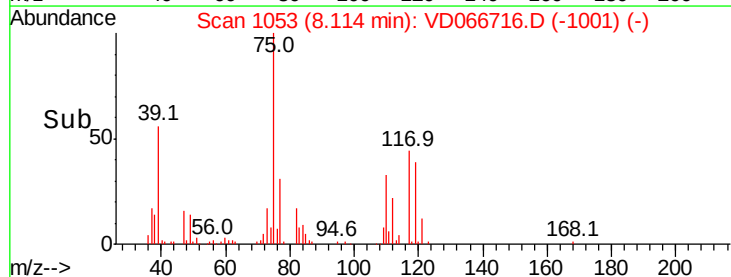
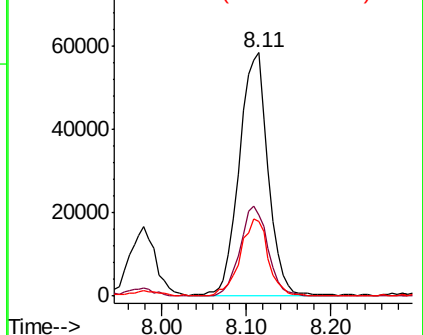


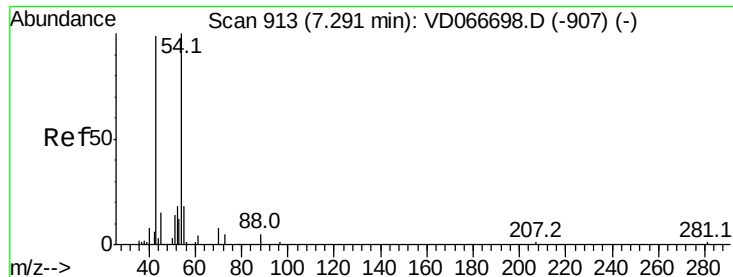
Abundance

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

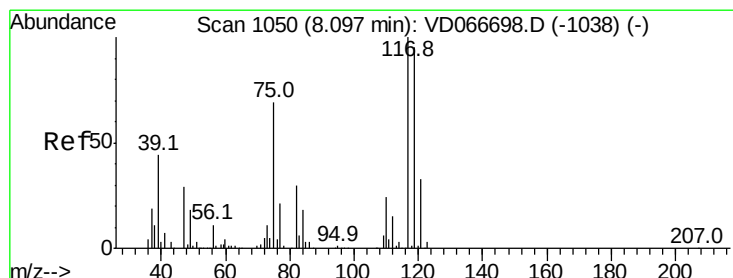
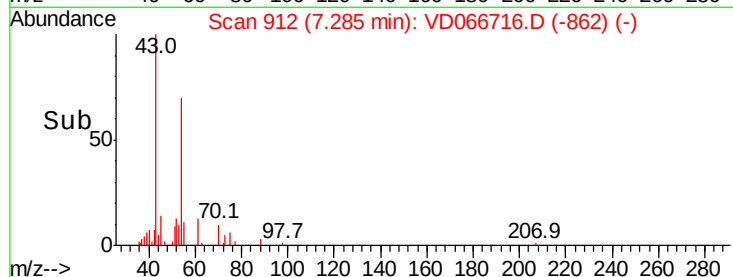
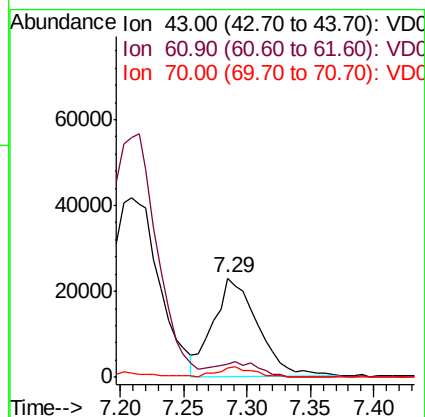
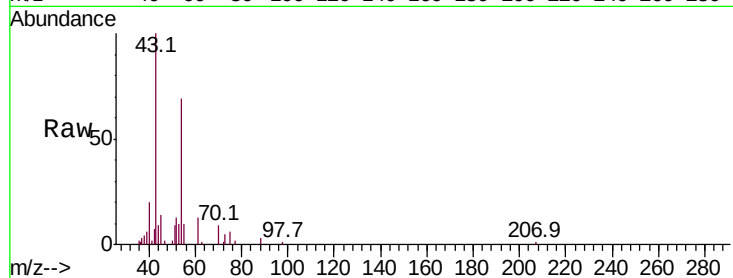




#37
Ethyl Acetate
Concen: 20.754 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

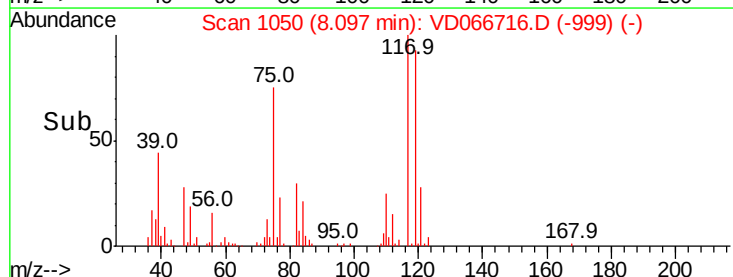
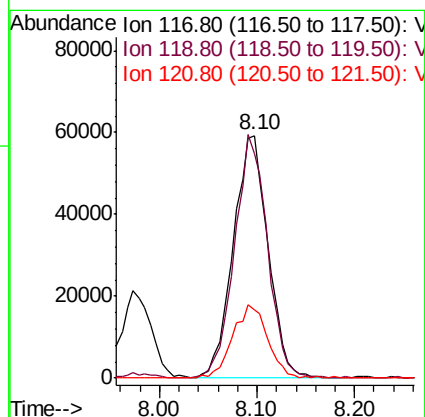
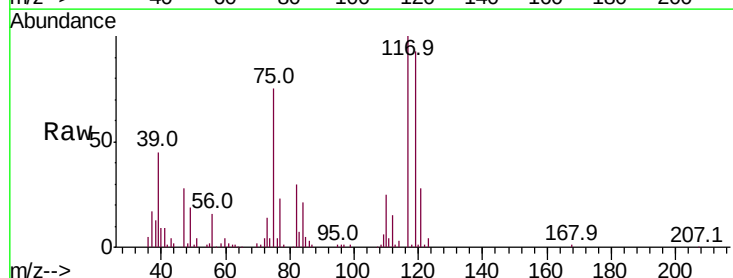
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

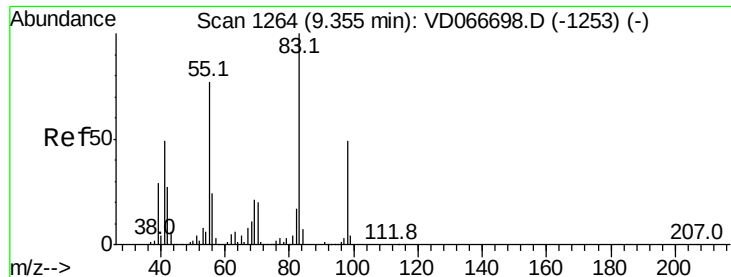
Tot Ion: 43 Resp: 56041
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 9.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.384 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 117 Resp: 146819
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.6
121 27.9 26.2 39.4

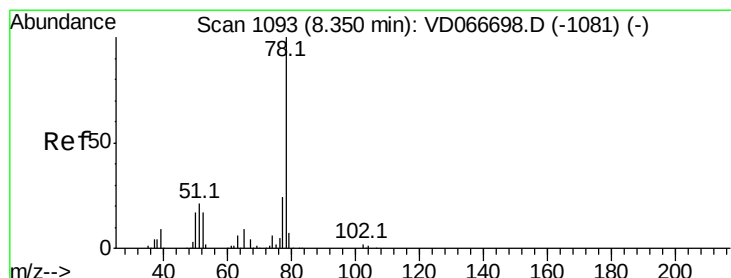
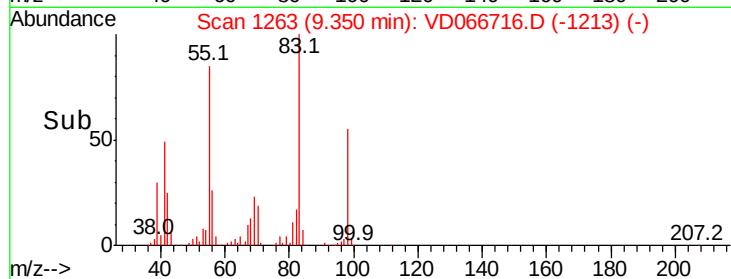
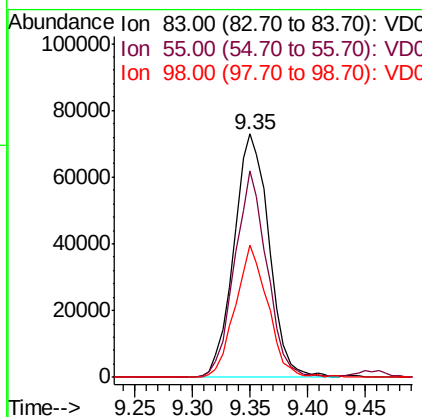
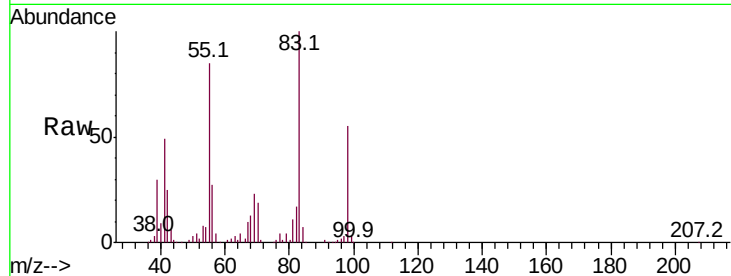




#39
Methylvlcyclohexane
Concen: 18.867 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

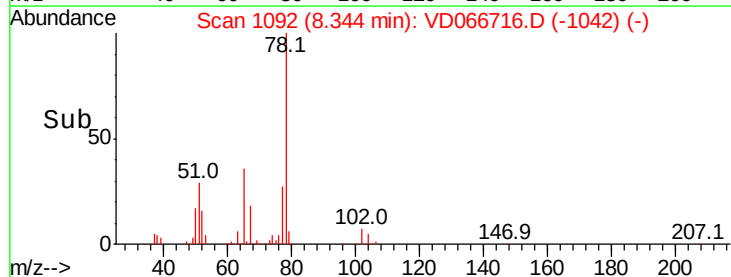
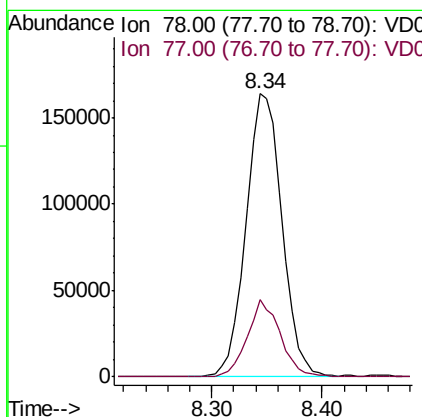
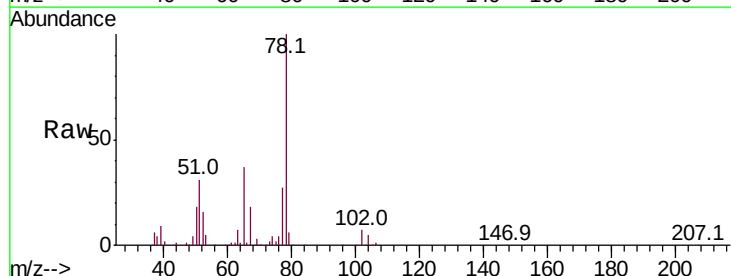
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

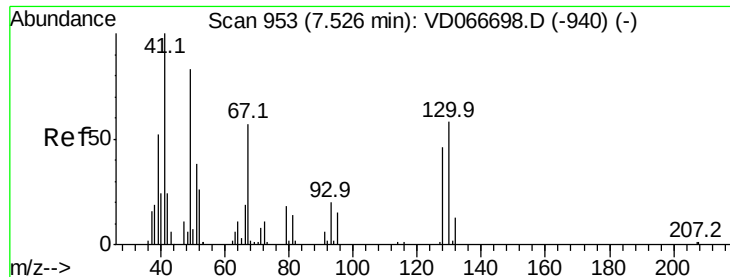
Tot Ion	83	Resp	153927
Ion Ratio	100	Lower	Upper
55	85.1	61.5	92.3
98	54.5	39.3	58.9



#40
Benzene
Concen: 19.480 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion	78	Resp	375892
Ion Ratio	100	Lower	Upper
77	27.2	19.3	28.9

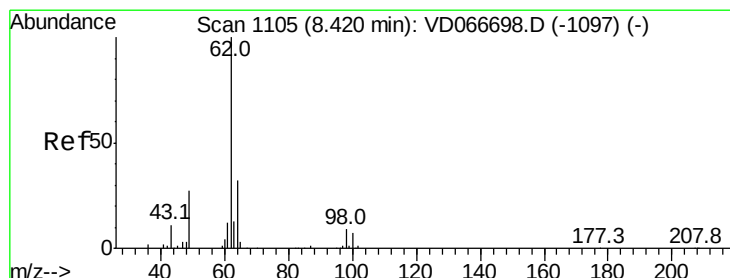
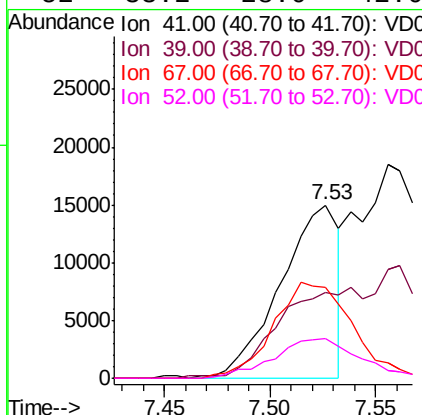
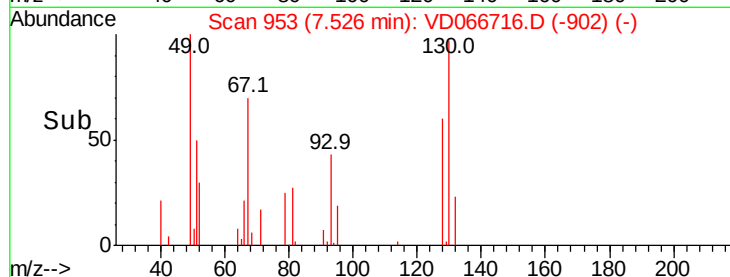
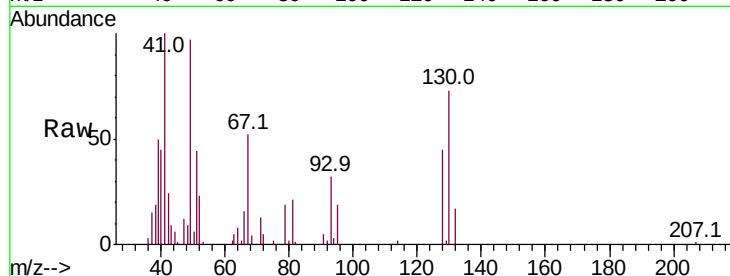




#41
Methacrylonitrile
Concen: 20.300 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

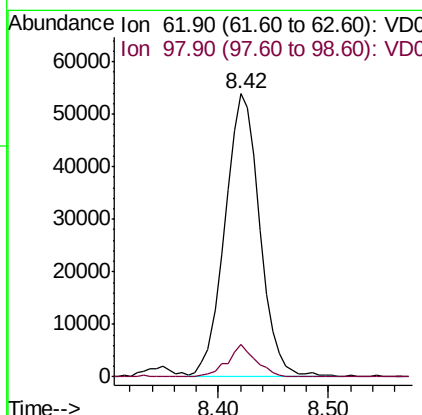
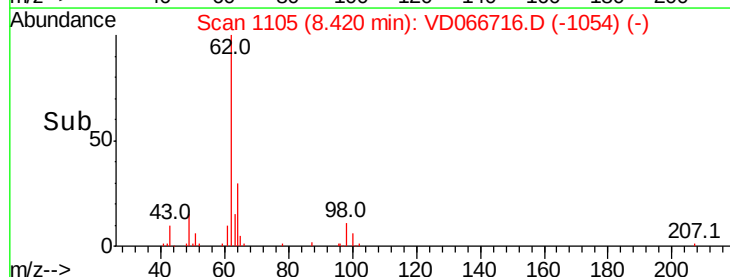
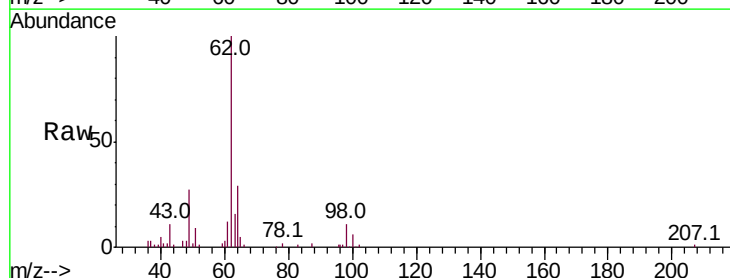
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

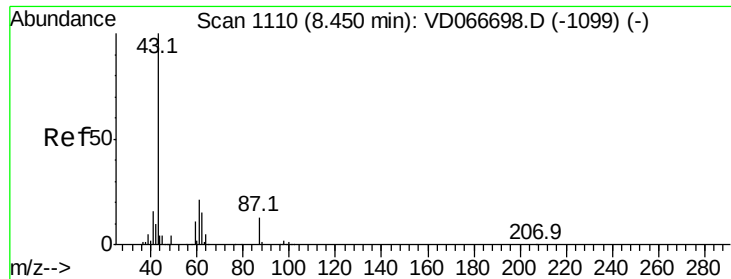
Tot Ion: 41 Resp: 29019
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 74.9 62.3 93.5
52 33.2 28.0 42.0



#42
1,2-Dichloroethane
Concen: 19.963 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 62 Resp: 119341
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.798 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

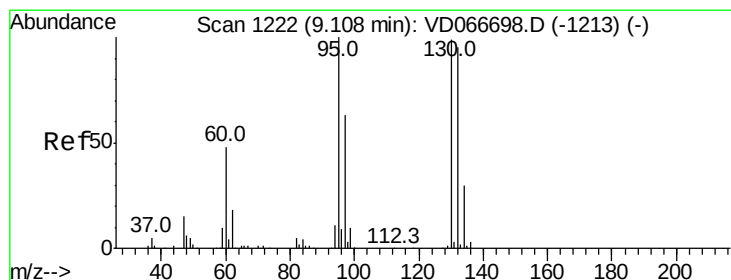
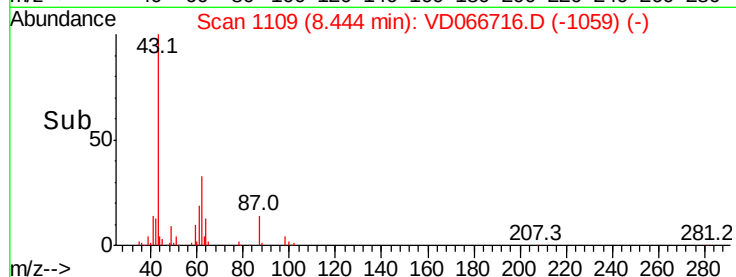
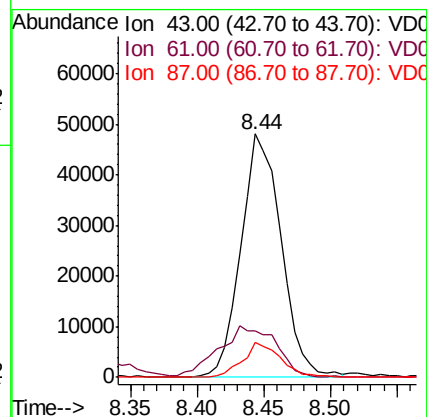
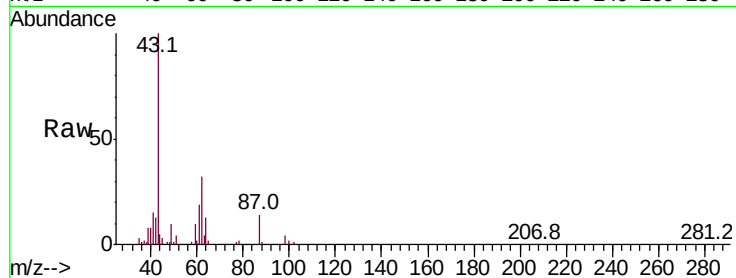
Tot Ion: 43 Resp: 100623

Ion Ratio Lower Upper

43 100

61 30.0 24.8 37.2

87 13.6 10.4 15.6



#44

Trichloroethene

Concen: 19.719 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066716.D

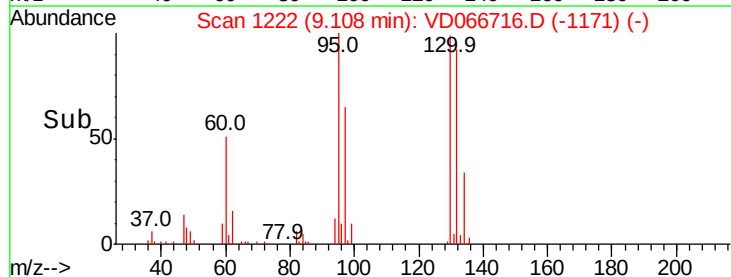
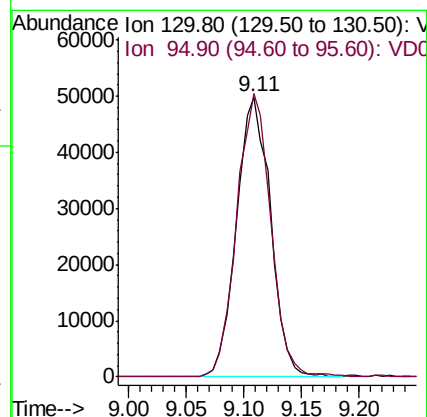
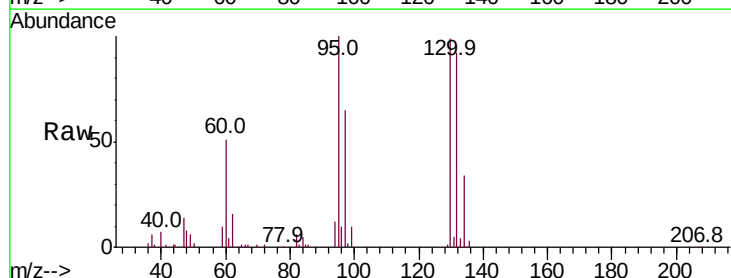
Acq: 16 Sep 2020 13:42

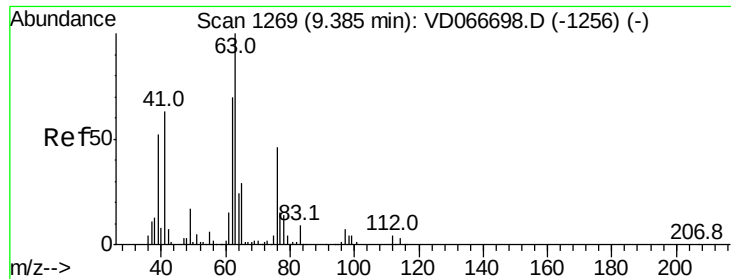
Tgt Ion: 130 Resp: 101734

Ion Ratio Lower Upper

130 100

95 101.1 0.0 201.4





#45

1,2-Dichloropropane

Concen: 19.456 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

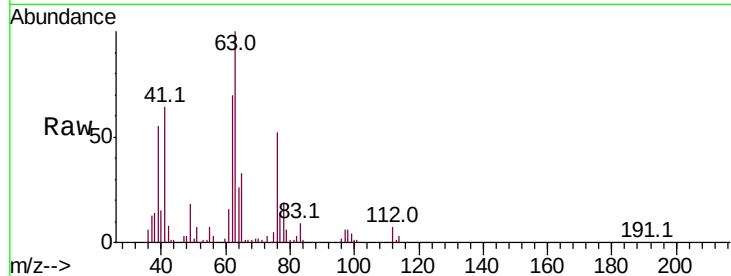
VD0916SBSD01

Tot Ion: 63 Resp: 92814

Ion Ratio Lower Upper

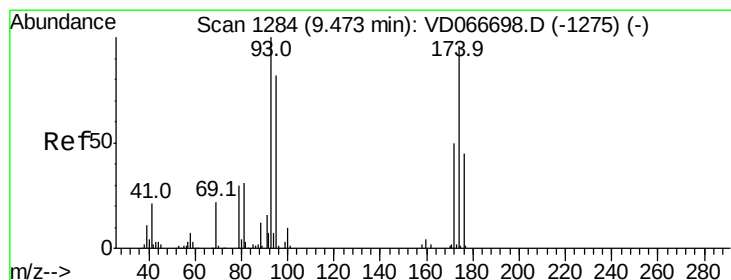
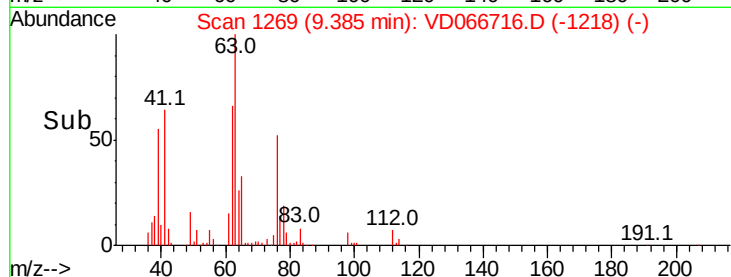
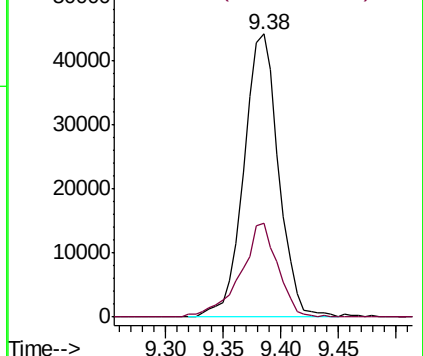
63 100

65 33.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.150 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

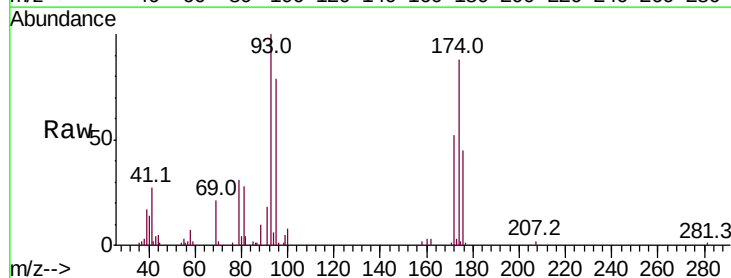
Tgt Ion: 93 Resp: 52820

Ion Ratio Lower Upper

93 100

95 79.9 66.0 99.0

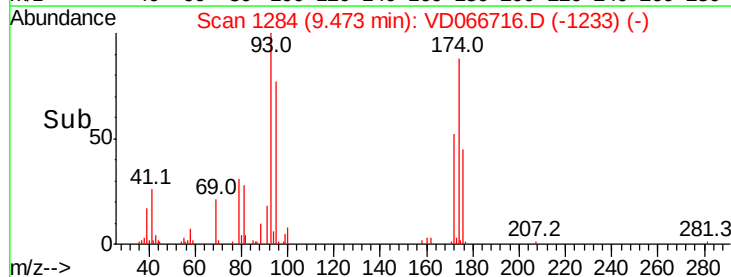
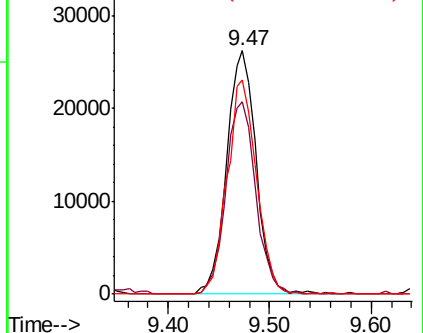
174 87.6 72.3 108.5

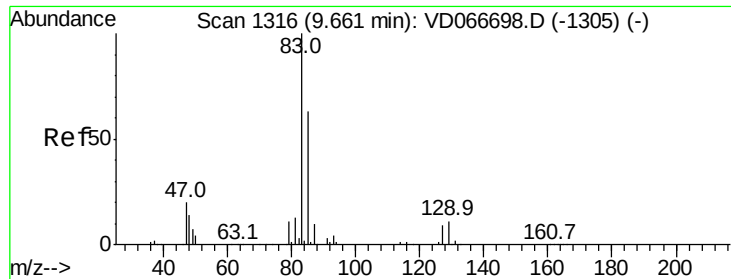


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.683 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBSD01

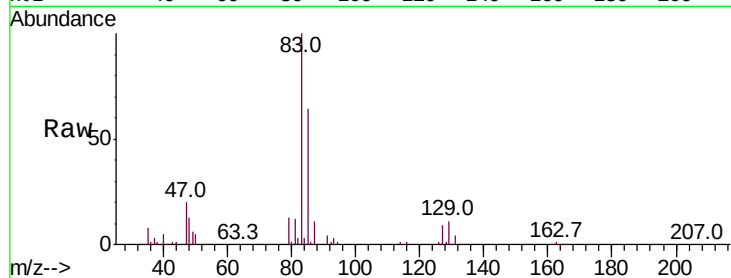
Tot Ion: 83 Resp: 140595

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

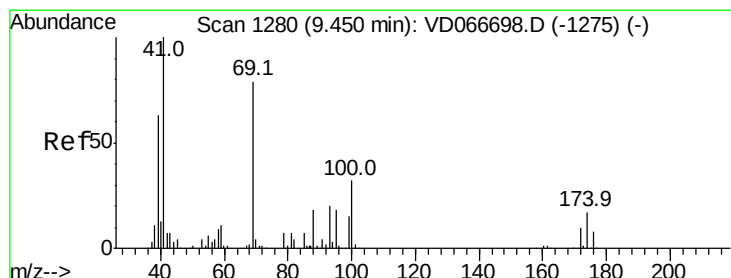
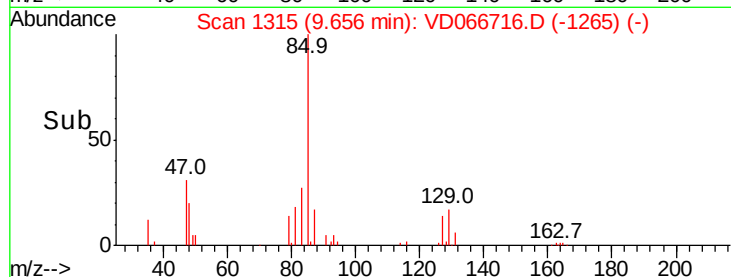
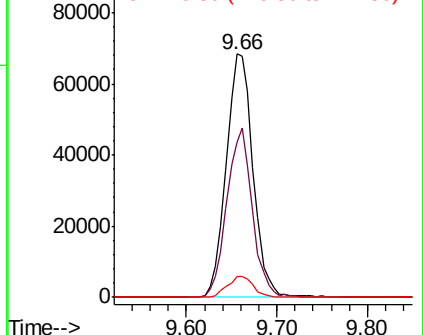
127 8.8 6.9 10.3



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: 18.757 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

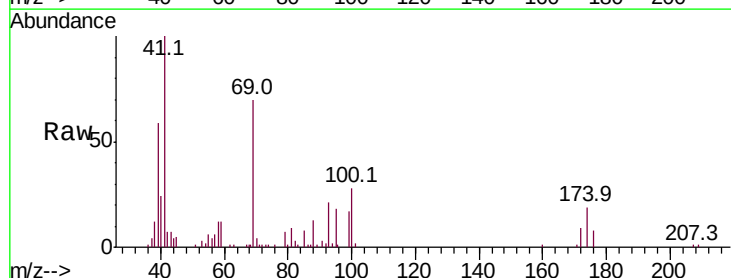
Tgt Ion: 41 Resp: 48489

Ion Ratio Lower Upper

41 100

69 86.5 62.4 93.6

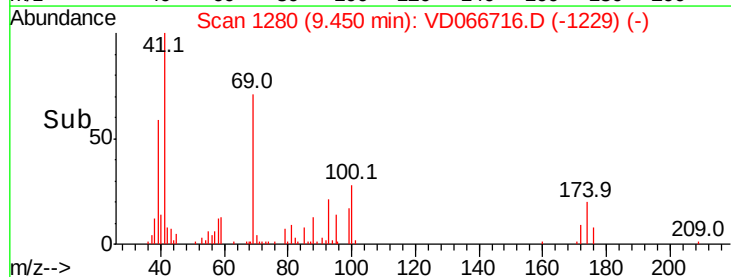
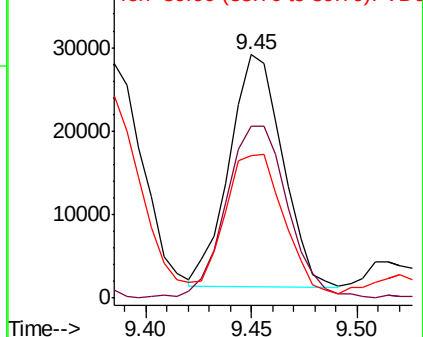
39 70.5 44.8 67.2#

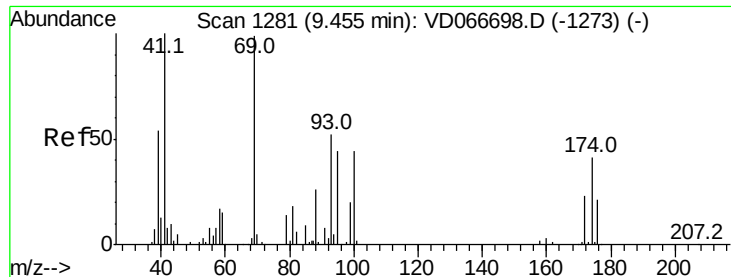


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

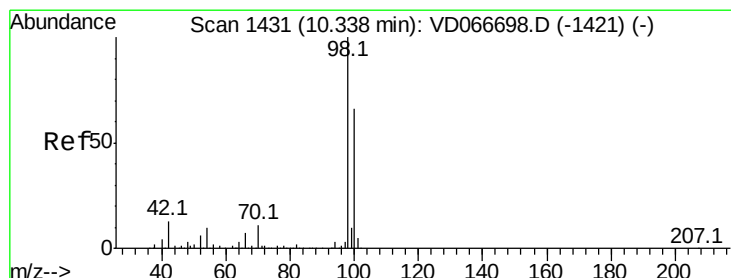
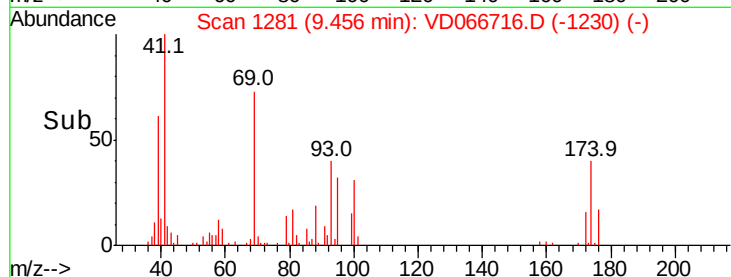
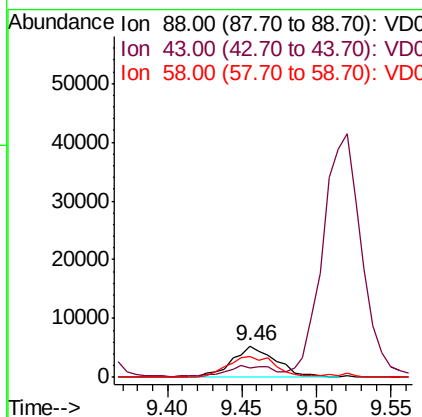
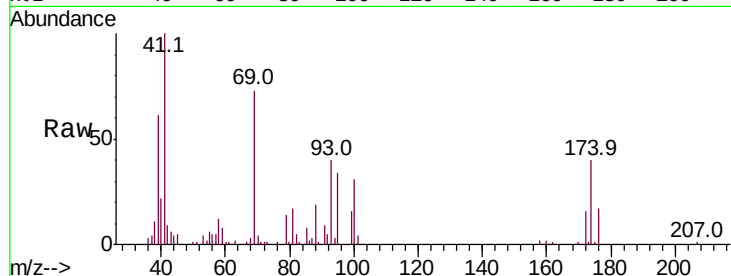




#49
1,4-Dioxane
Concen: 388.534 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

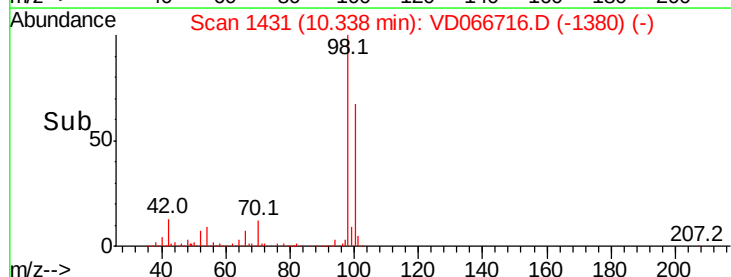
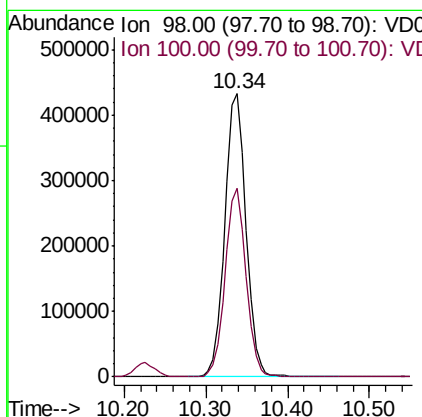
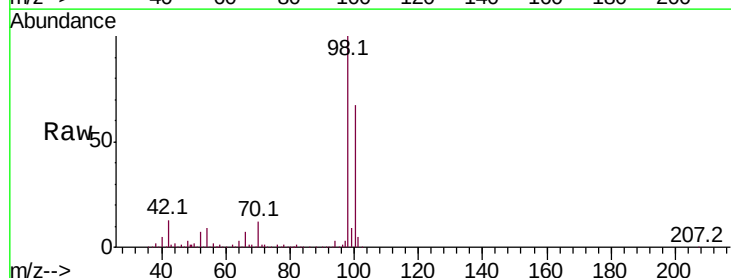
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

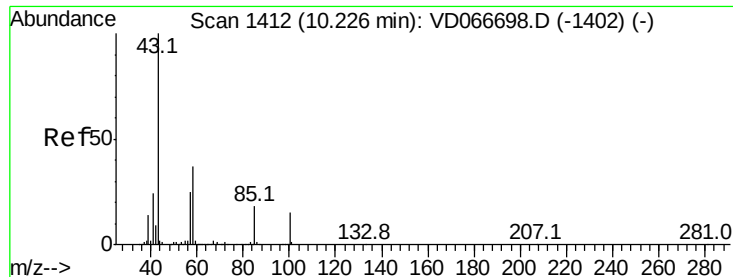
Tot Ion: 88 Resp: 10910
Ion Ratio Lower Upper
88 100
43 36.1 29.3 43.9
58 73.5 51.4 77.2



#50
Toluene-d8
Concen: 51.553 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 98 Resp: 781189
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 99.900 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

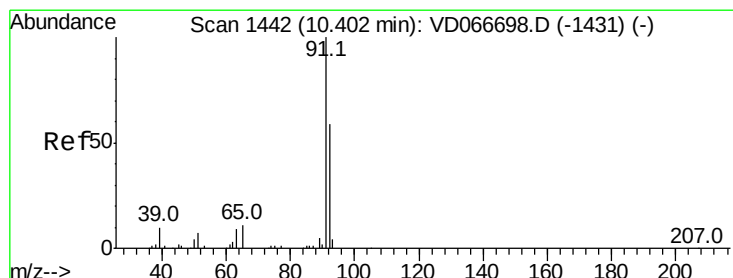
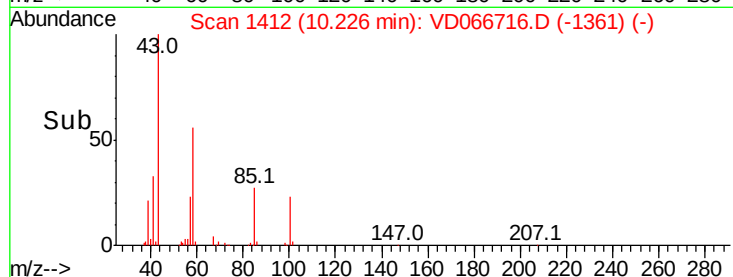
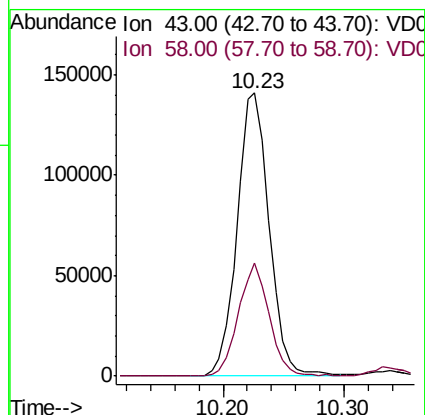
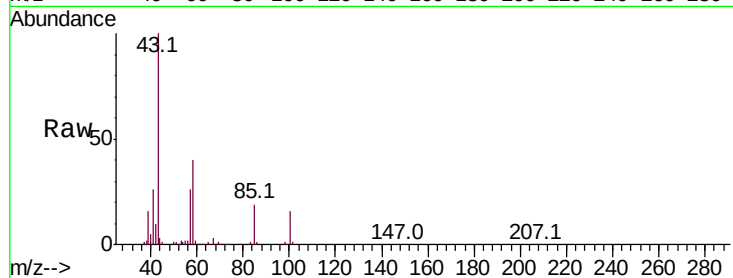
VD0916SBSD01

Tot Ion: 43 Resp: 261395

Ion Ratio Lower Upper

43 100

58 38.4 30.4 45.6



#52

Toluene

Concen: 19.722 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066716.D

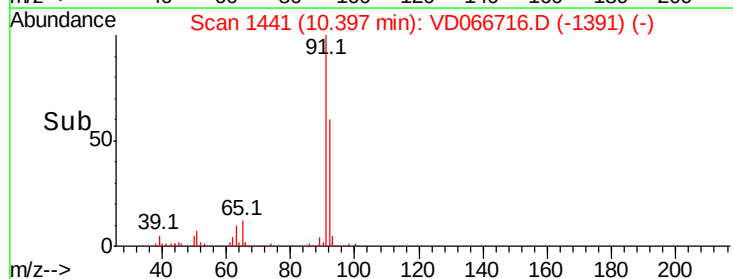
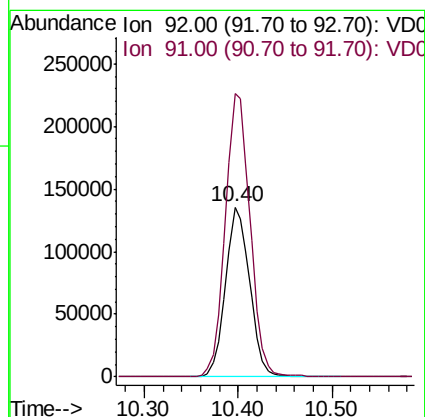
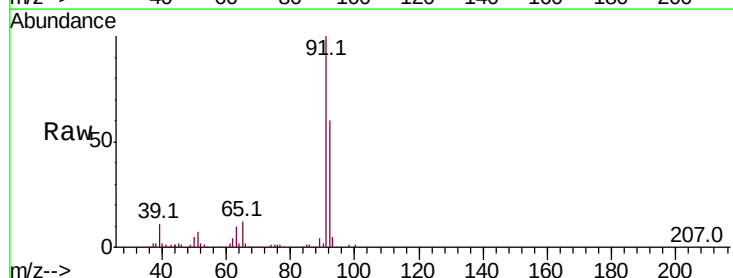
Acq: 16 Sep 2020 13:42

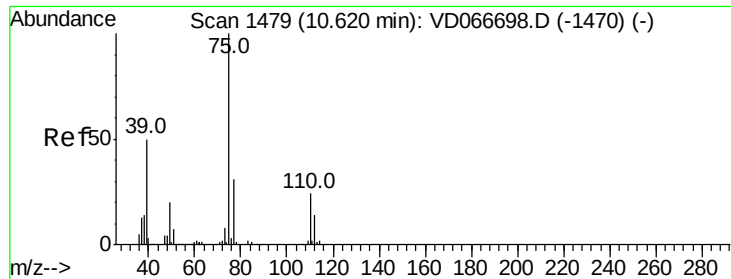
Tgt Ion: 92 Resp: 243791

Ion Ratio Lower Upper

92 100

91 170.5 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 19.950 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

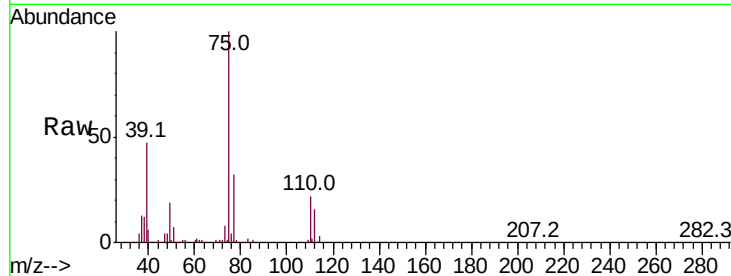
VD0916SBSD01

Tot Ion: 75 Resp: 127299

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

80000

60000

40000

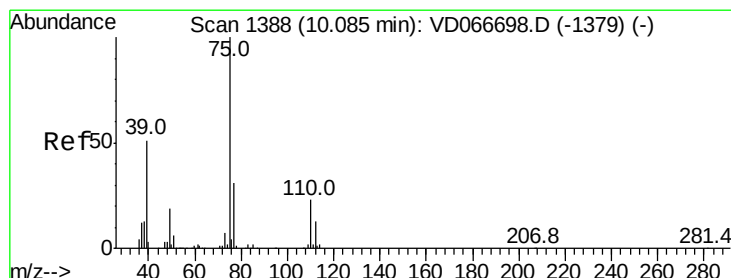
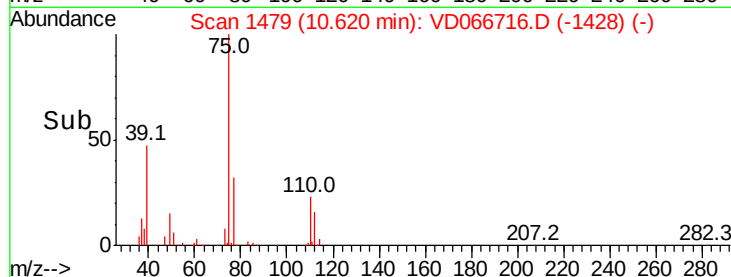
20000

0

10.60

10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.897 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

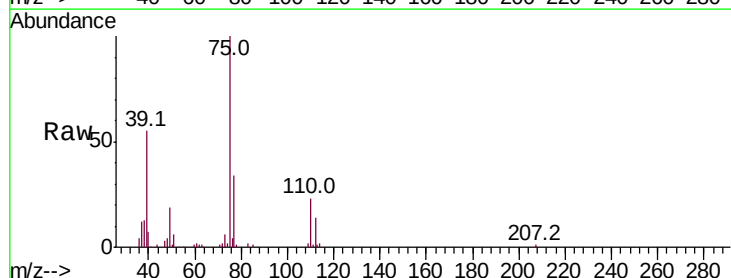
Tgt Ion: 75 Resp: 150800

Ion Ratio Lower Upper

75 100

77 34.1 25.0 37.6

39 55.0 40.6 61.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

100000

80000

60000

40000

20000

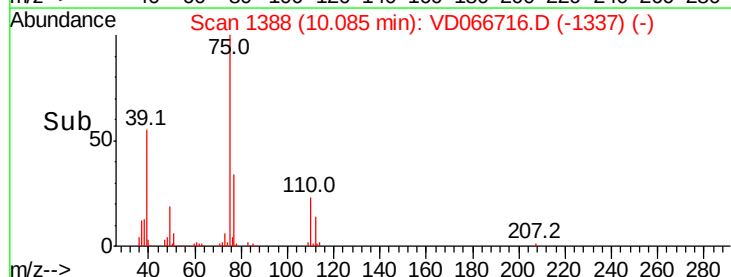
0

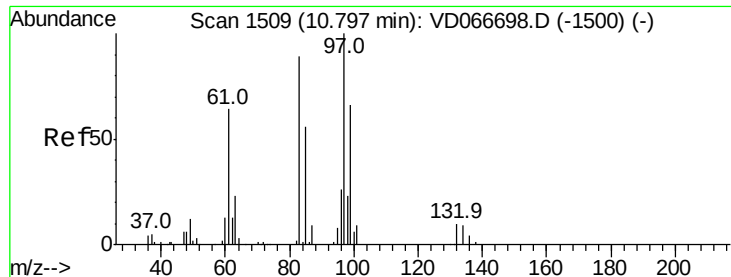
10.00

10.10

10.20

Time-->



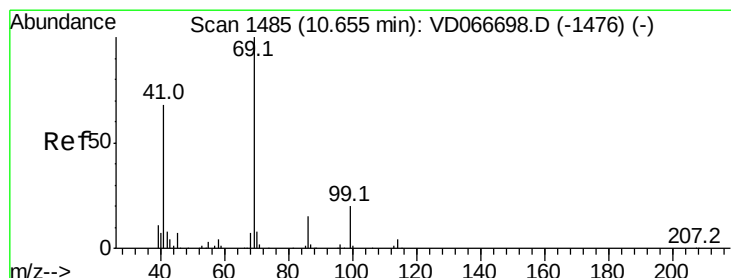
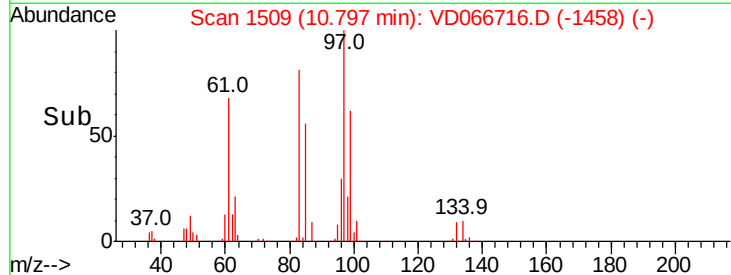
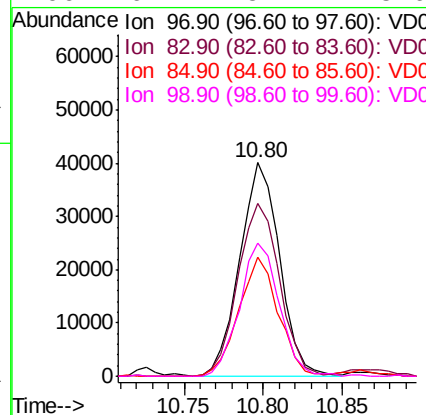
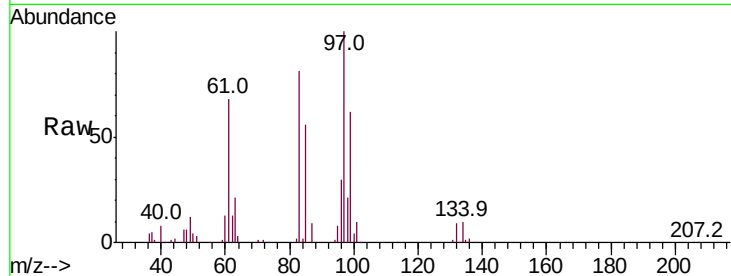


#55
 1,1,2-Trichloroethane
 Concen: 20.253 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

Tot Ion: 97 Resp: 69999

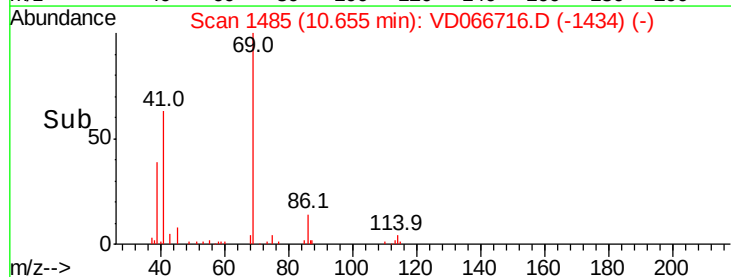
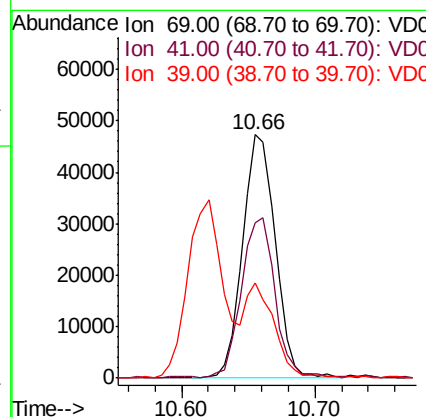
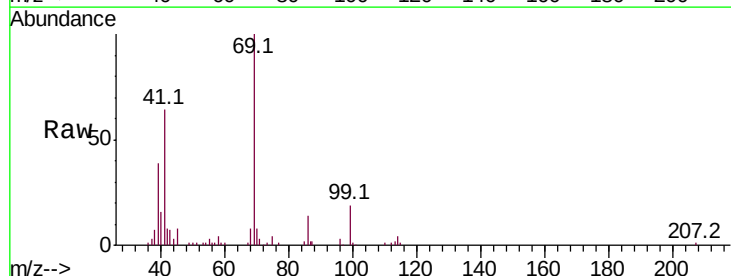
Ion	Ratio	Lower	Upper
97	100		
83	81.1	71.4	107.2
85	55.7	44.7	67.1
99	62.1	52.4	78.6

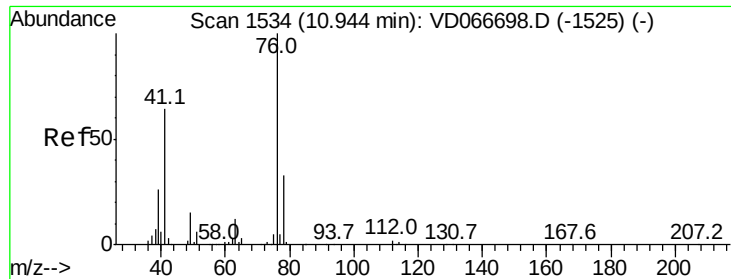


#56
 Ethyl methacrylate
 Concen: 20.418 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 69 Resp: 80082

Ion	Ratio	Lower	Upper
69	100		
41	66.4	55.5	83.3
39	33.1	29.7	44.5





#57

1,3-Dichloropropane

Concen: 19.833 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

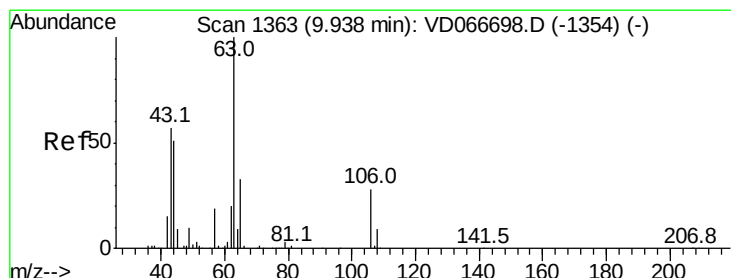
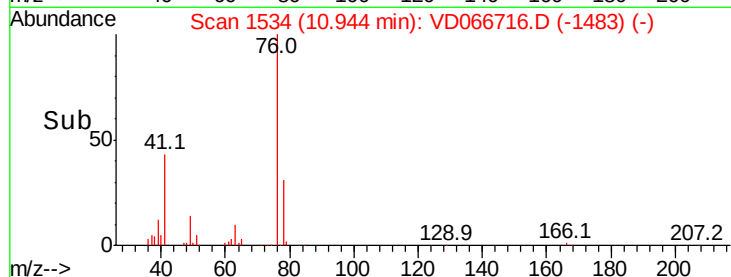
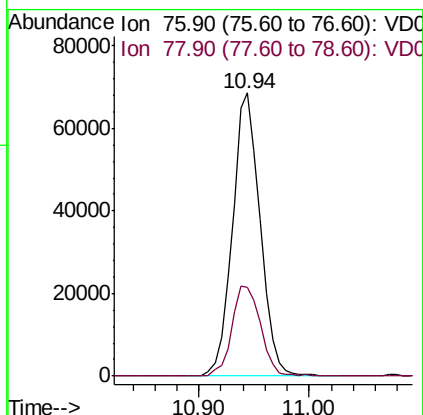
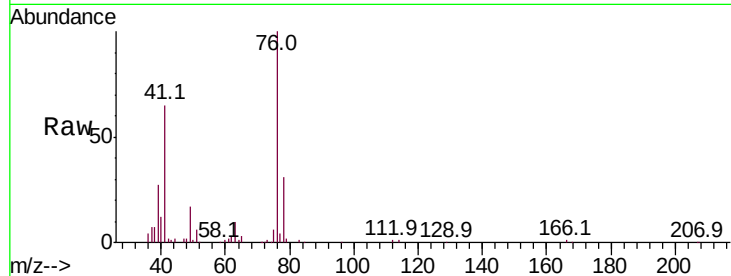
VD0916SBS01

Tot Ion: 76 Resp: 120296

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 119.226 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066716.D

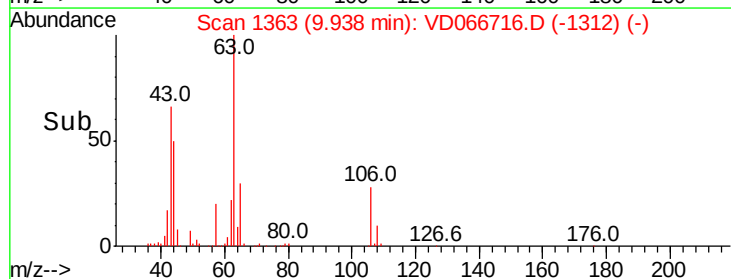
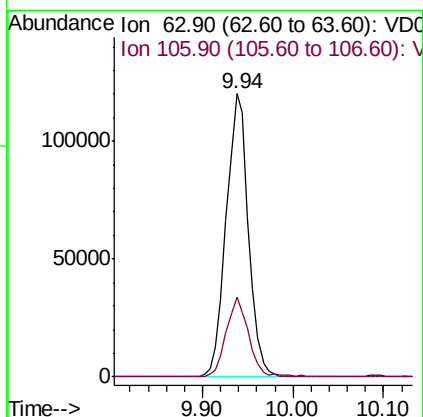
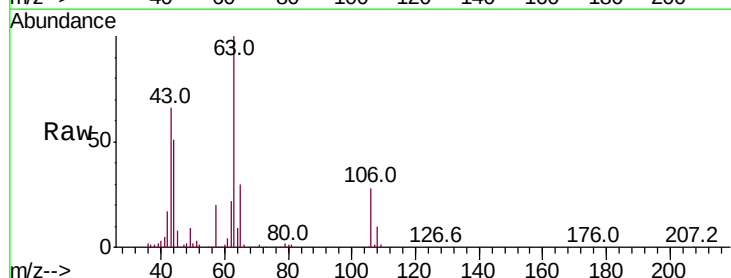
Acq: 16 Sep 2020 13:42

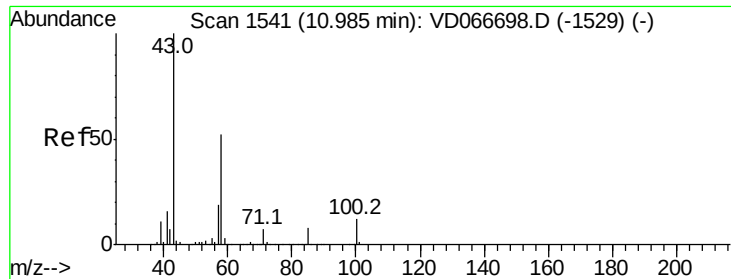
Tgt Ion: 63 Resp: 205373

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.4

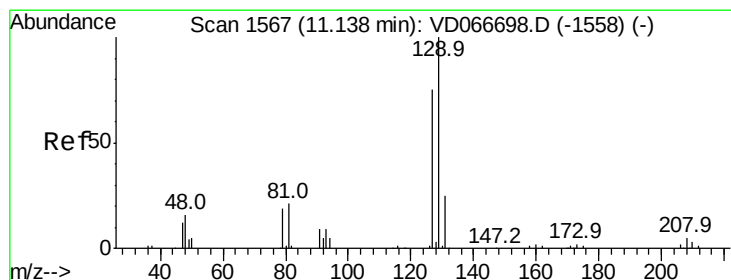
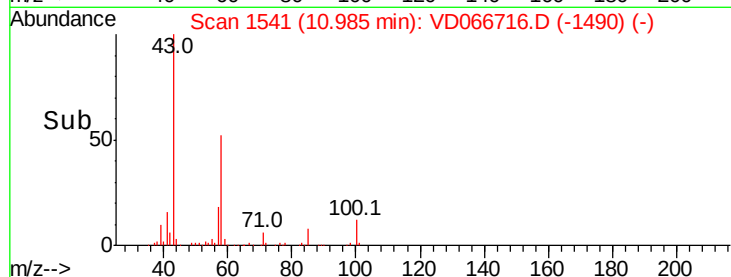
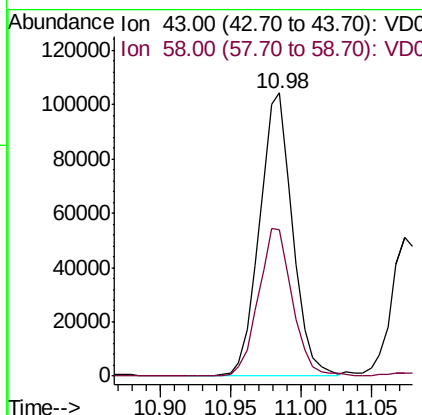
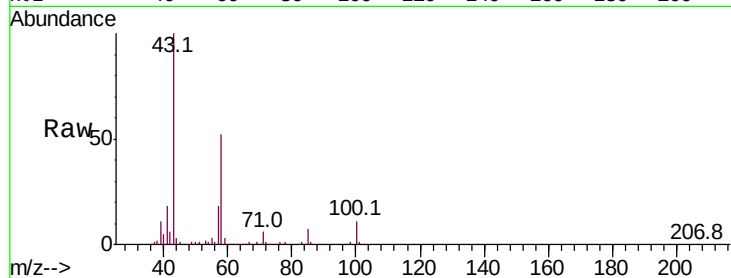




#59
2-Hexanone
Concen: 97.469 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

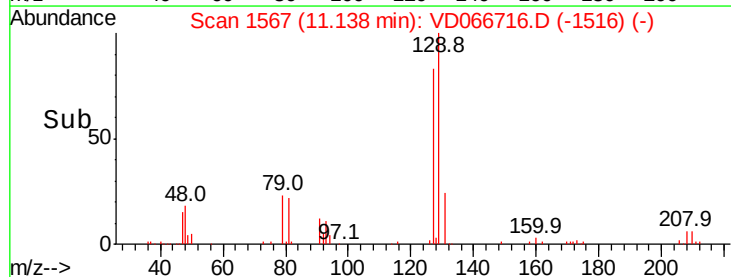
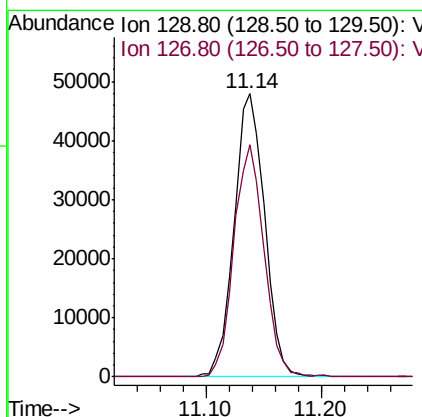
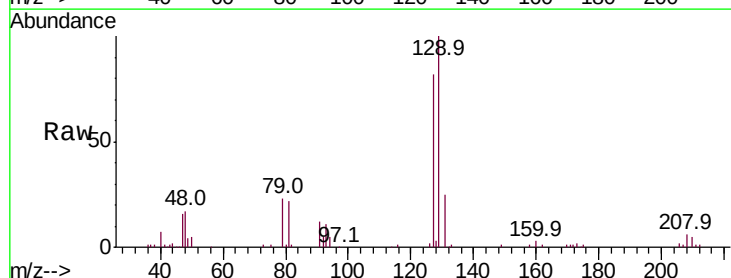
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

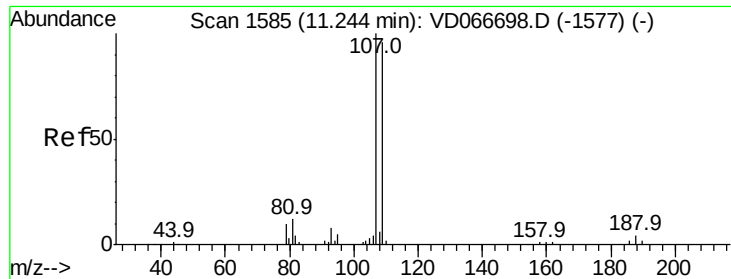
Tot Ion: 43 Resp: 171361
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 19.506 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 129 Resp: 87845
Ion Ratio Lower Upper
129 100
127 80.7 38.1 114.3

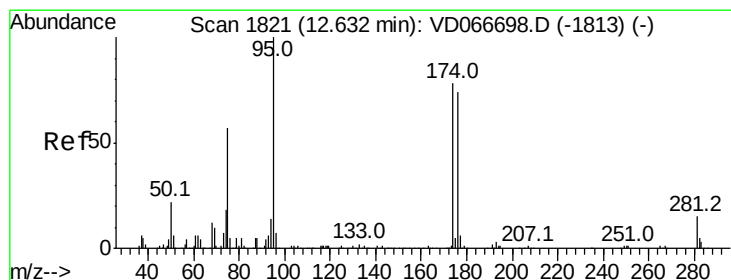
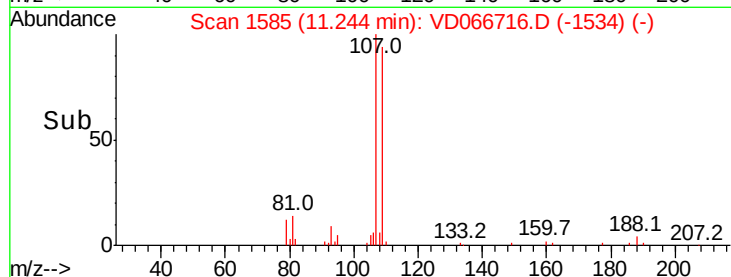
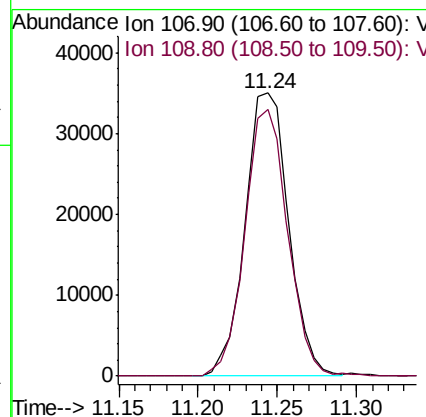
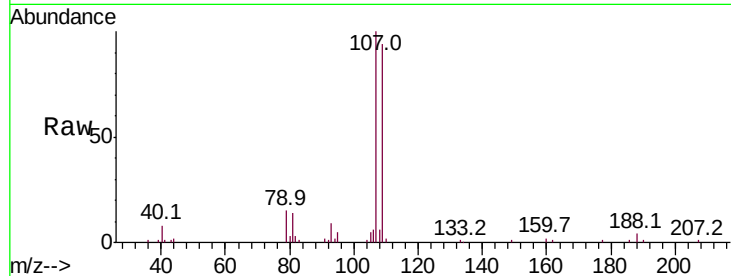




#61
 1,2-Dibromoethane
 Concen: 20.195 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

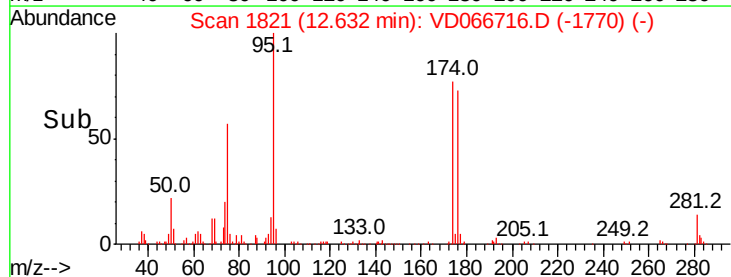
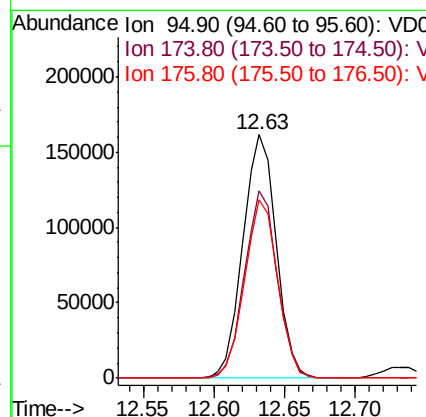
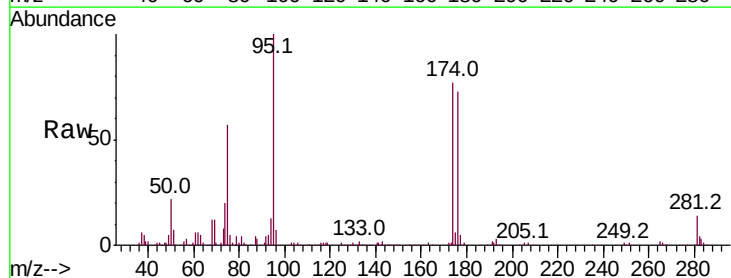
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

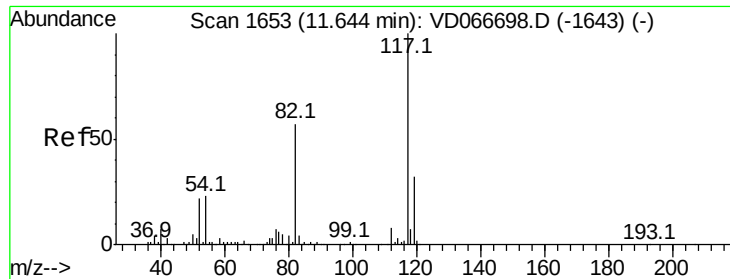
Tot Ion:107 Resp: 66953
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.080 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 95 Resp: 267184
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 156.6
 176 72.8 0.0 150.2

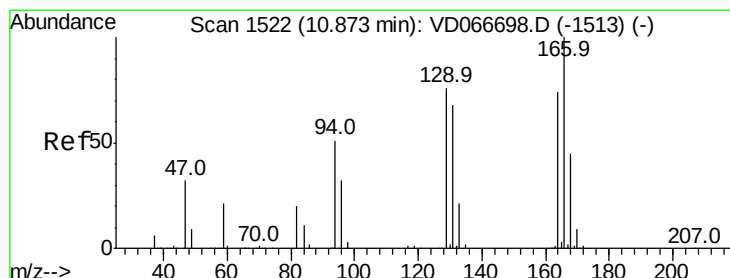
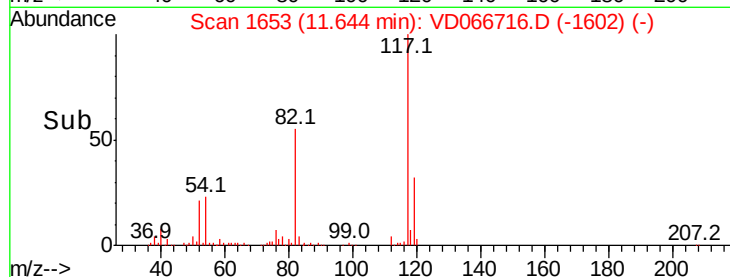
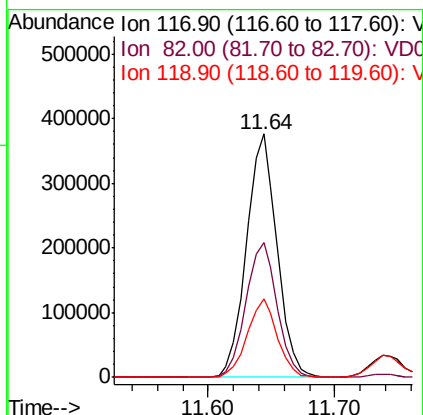
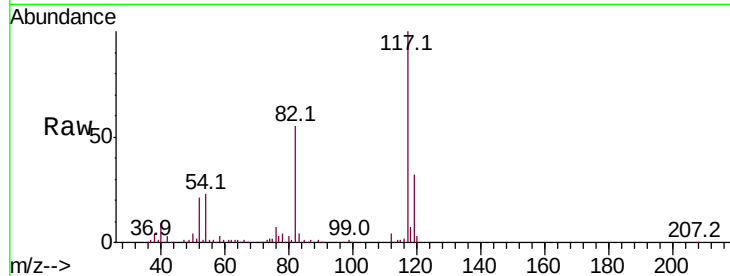




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

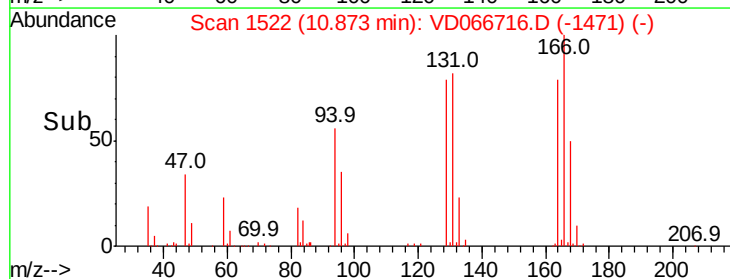
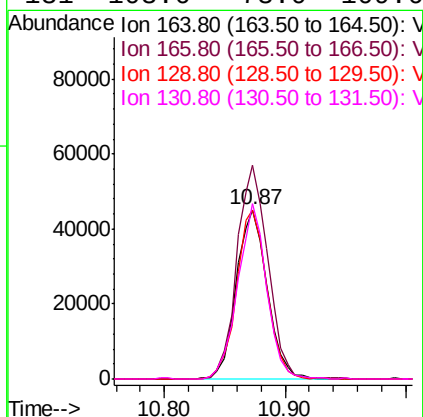
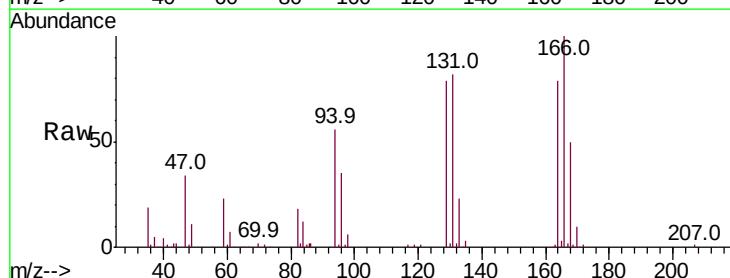
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

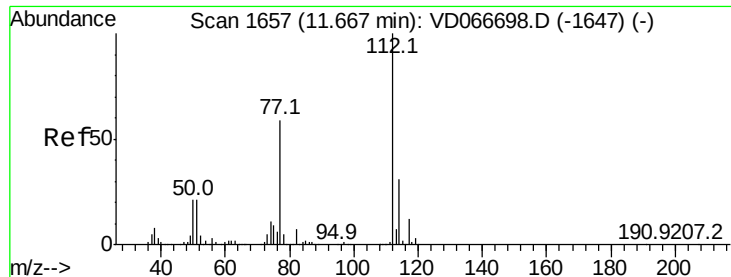
Tot Ion:117 Resp: 631416
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 18.659 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion:164 Resp: 80427
Ion Ratio Lower Upper
164 100
166 126.1 107.5 161.3
129 99.6 81.4 122.0
131 103.6 73.0 109.6

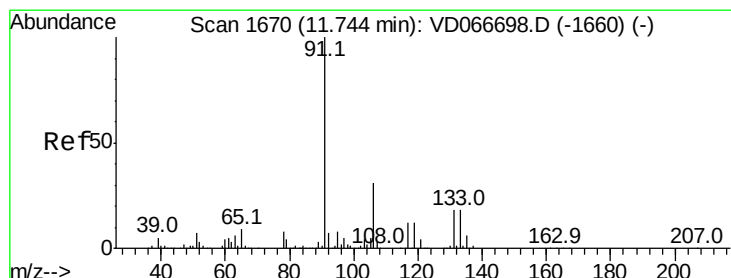
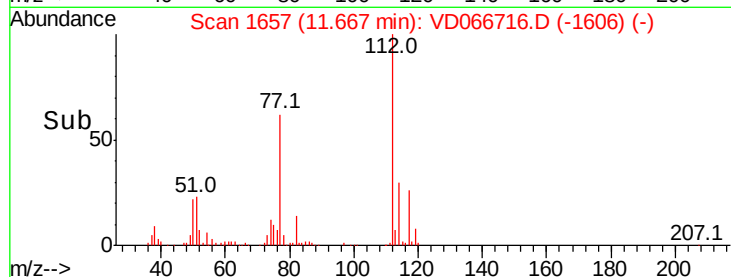
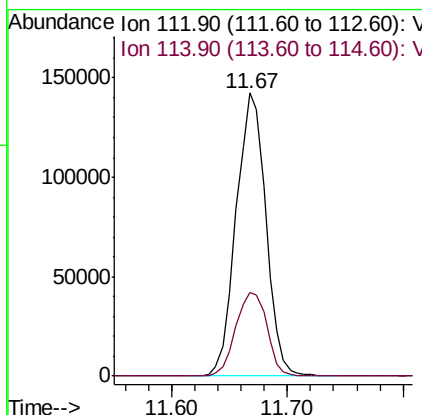
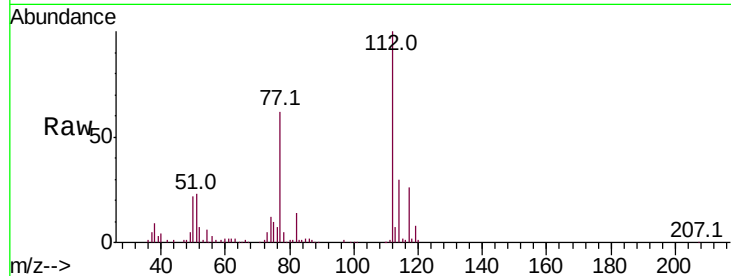




#65
Chlorobenzene
Concen: 19.459 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

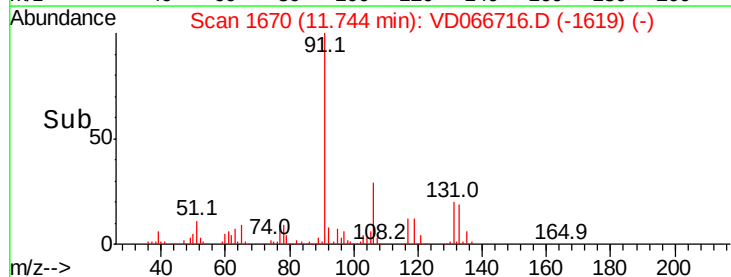
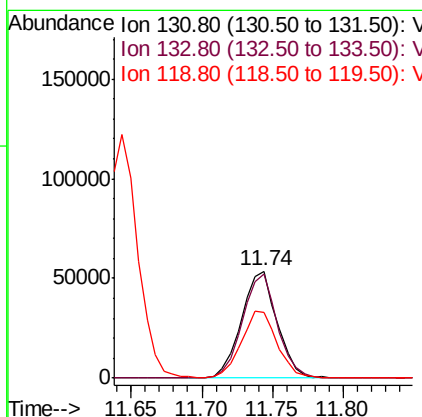
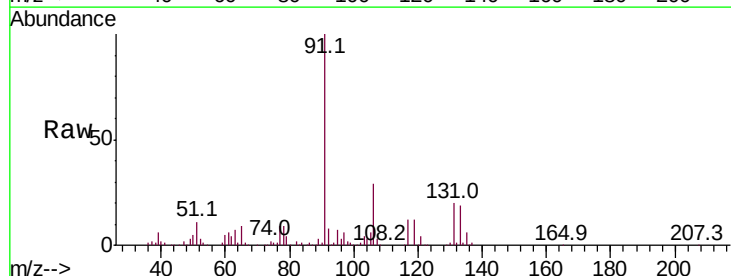
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

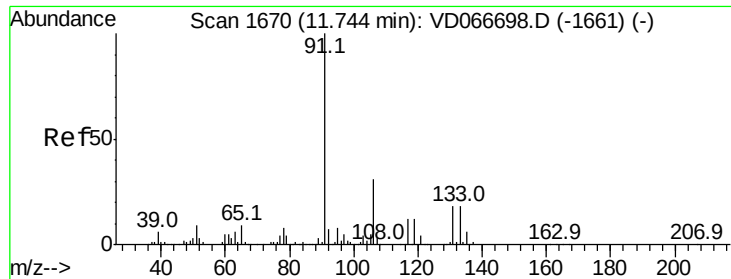
Tot Ion:112 Resp: 254385
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.548 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion:131 Resp: 94291
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 63.4 33.6 100.8

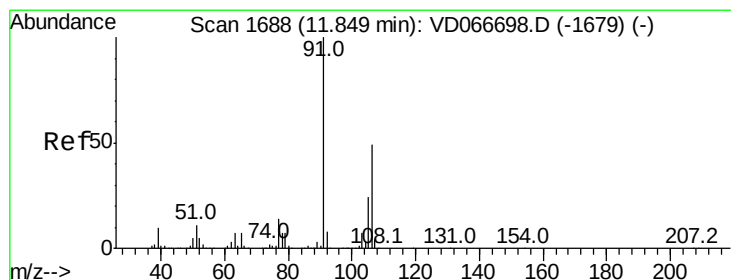
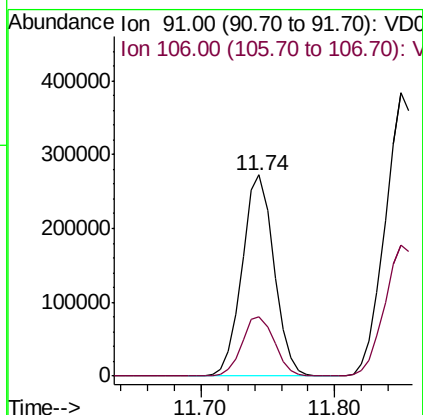
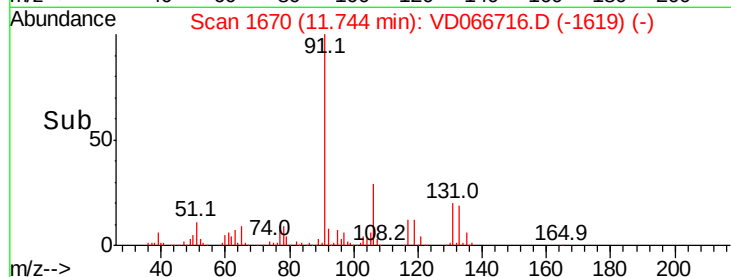
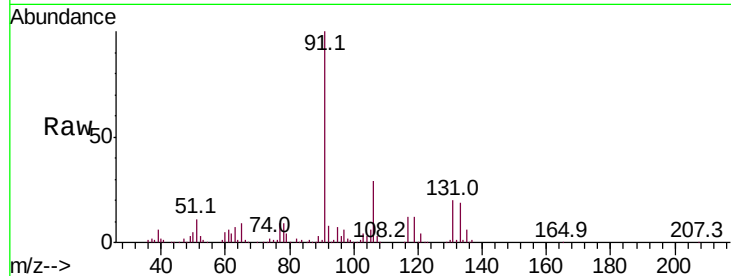




#67
Ethyl Benzene
Concen: 19.005 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

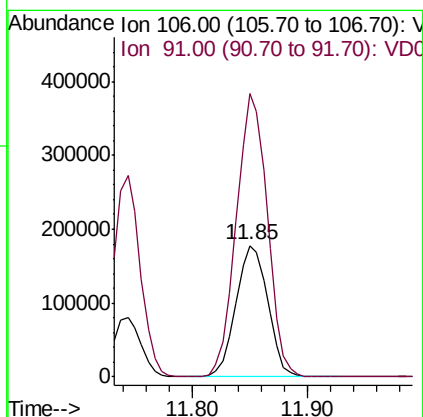
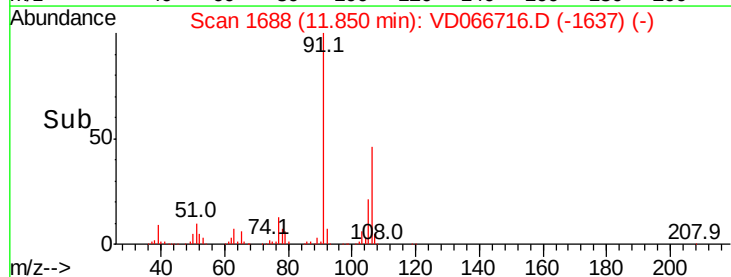
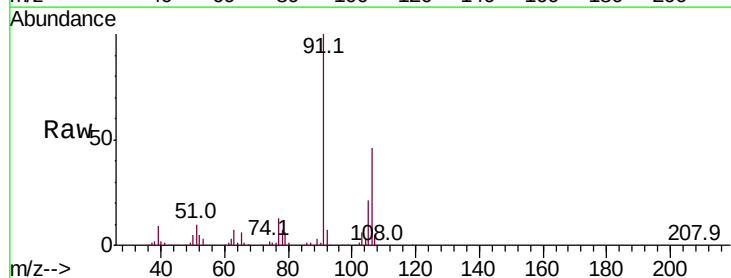
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

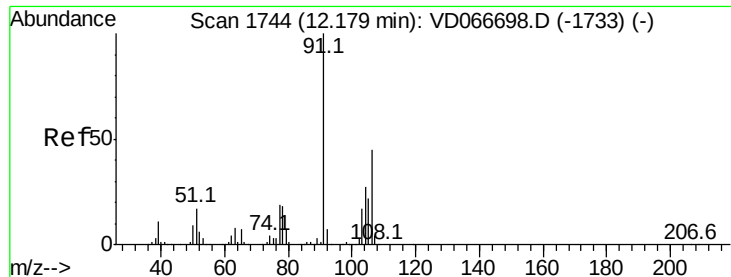
Tot Ion: 91 Resp: 450025
Ion Ratio Lower Upper
91 100
106 29.4 25.1 37.7



#68
m/p-Xylenes
Concen: 38.124 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 106 Resp: 341191
Ion Ratio Lower Upper
106 100
91 209.8 164.8 247.2

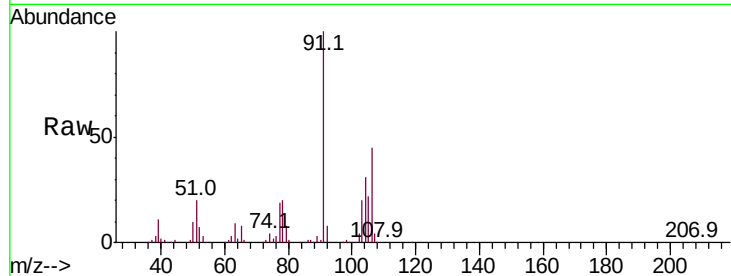




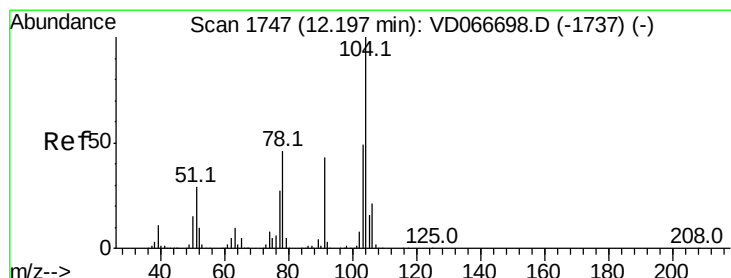
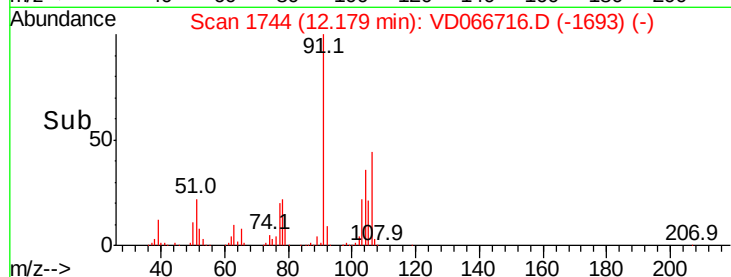
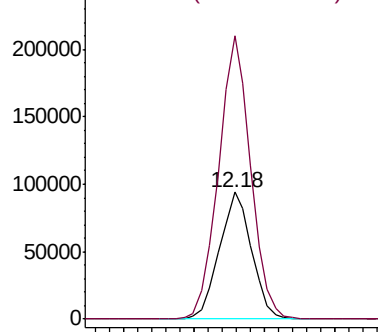
#69
o-Xylene
Concen: 19.126 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

Tot Ion:106 Resp: 151266
Ion Ratio Lower Upper
106 100
91 220.4 109.4 328.2

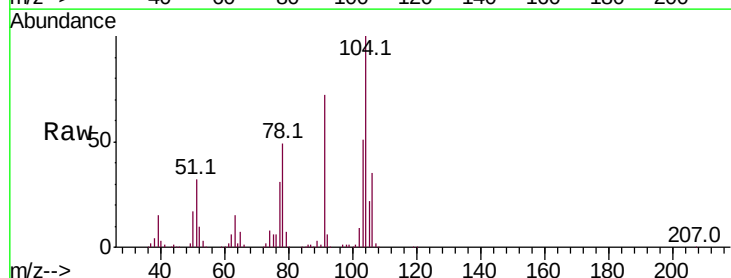


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

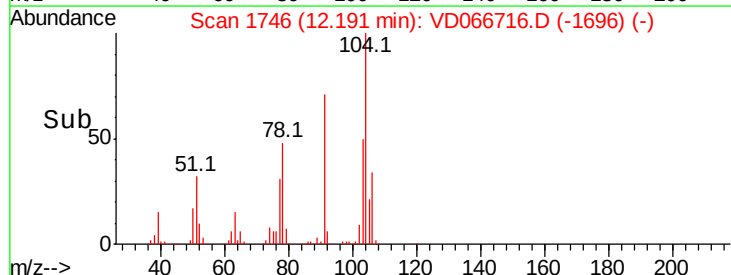
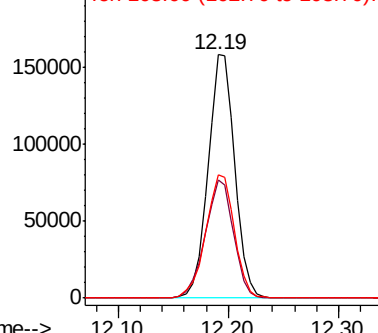


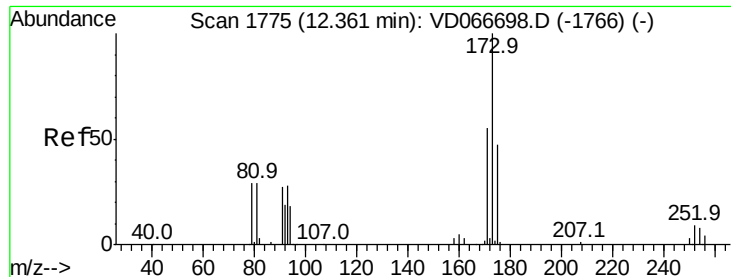
#70
Styrene
Concen: 19.305 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion:104 Resp: 268719
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 54.5 42.5 63.7



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





#71

Bromoform

Concen: 19.183 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBSD01

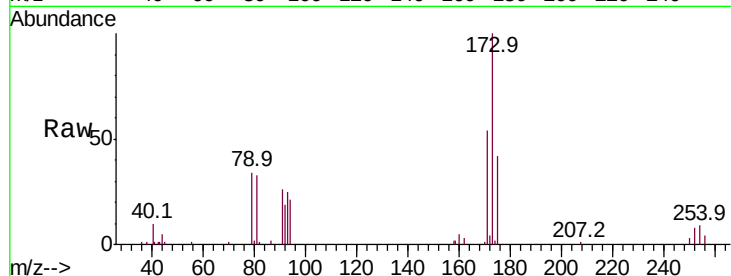
Tot Ion:173 Resp: 46435

Ion Ratio Lower Upper

173 100

175 47.7 24.3 72.8

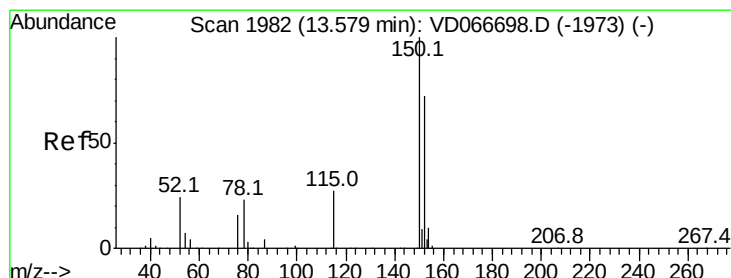
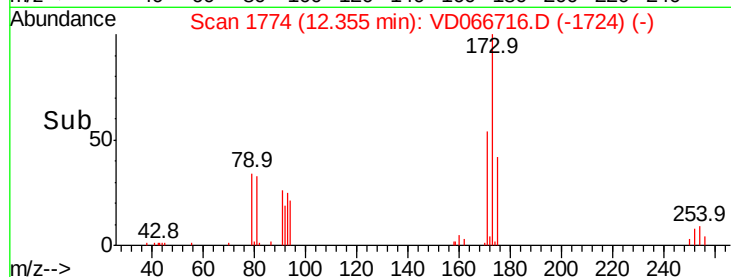
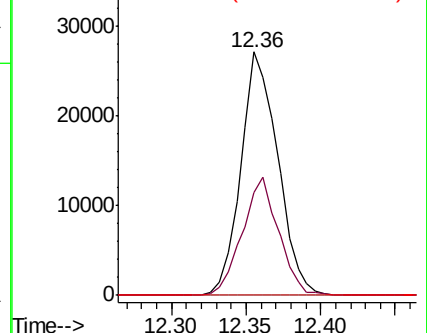
254 0.0 0.1 0.1#



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: VD066716.D

Acq: 16 Sep 2020 13:42

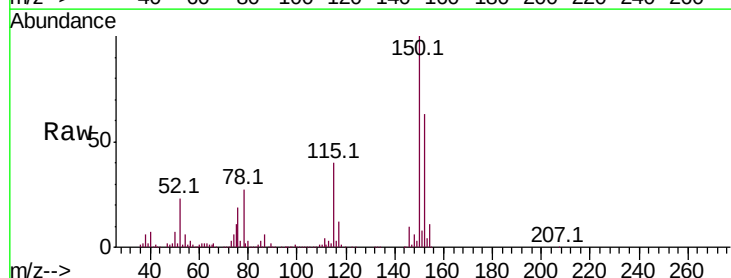
Tgt Ion:152 Resp: 292168

Ion Ratio Lower Upper

152 100

115 63.1 30.5 91.5

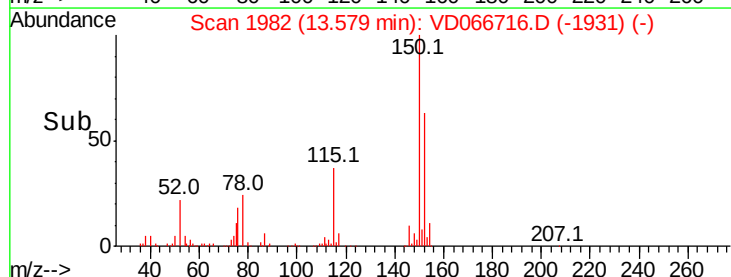
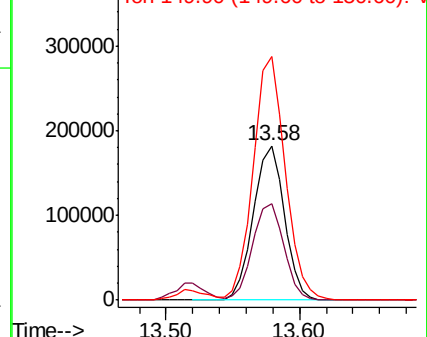
150 162.8 0.0 344.6

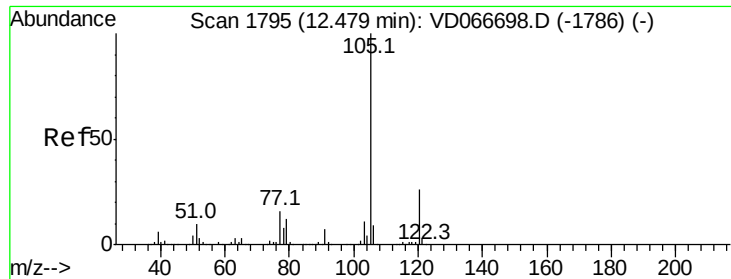


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

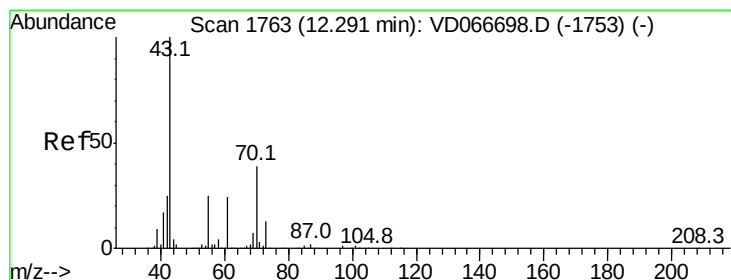
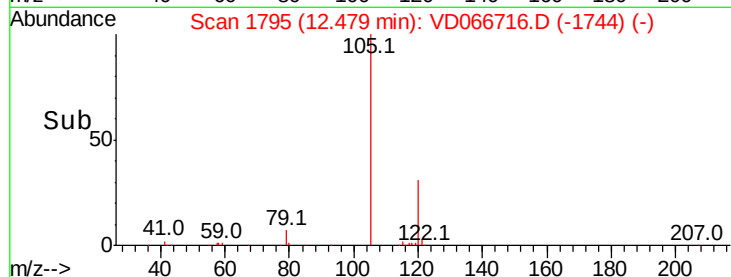
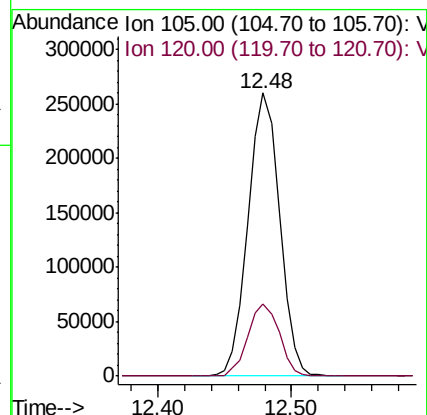
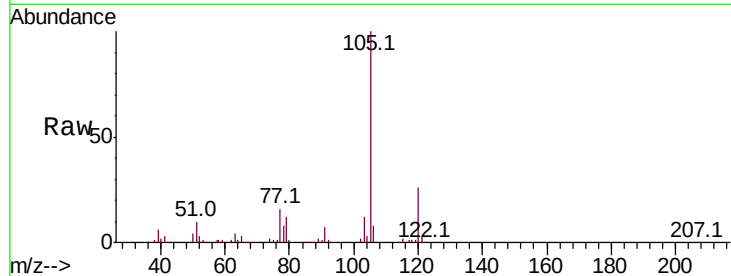




#73
Isopropylbenzene
Concen: 19.453 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

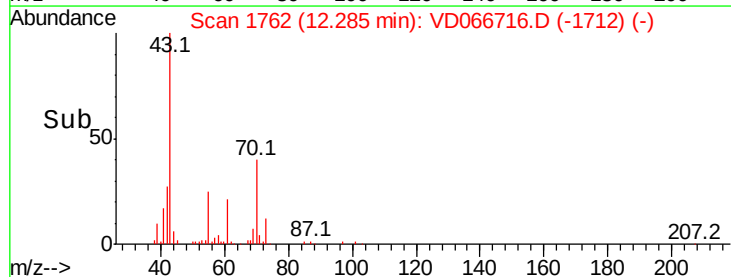
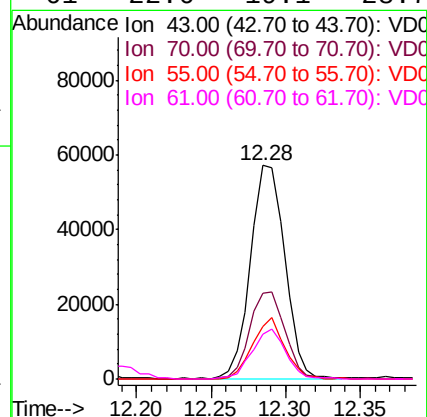
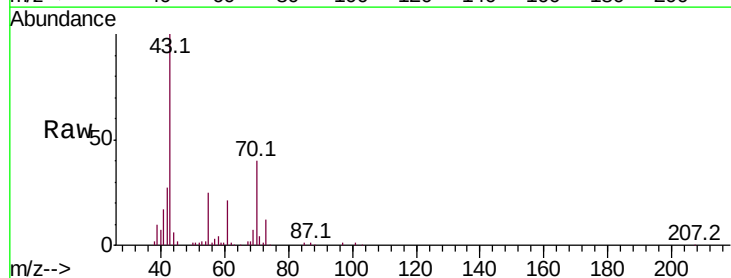
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

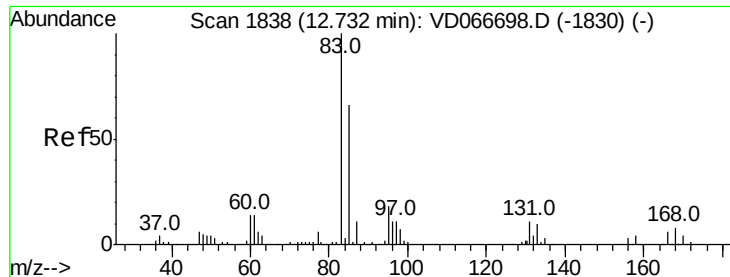
Tot Ion:105 Resp: 424291
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 19.891 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 43 Resp: 91518
Ion Ratio Lower Upper
43 100
70 41.7 33.0 49.4
55 26.4 20.6 30.8
61 22.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.339 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBSD01

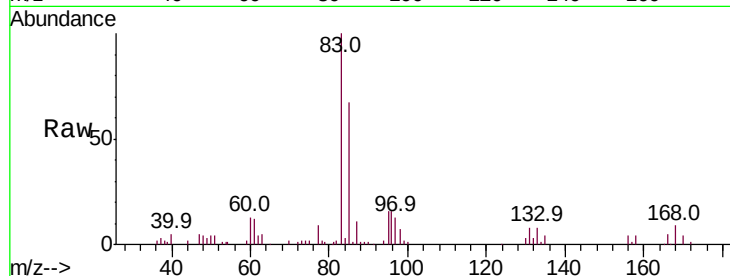
Tot Ion: 83 Resp: 75382

Ion Ratio Lower Upper

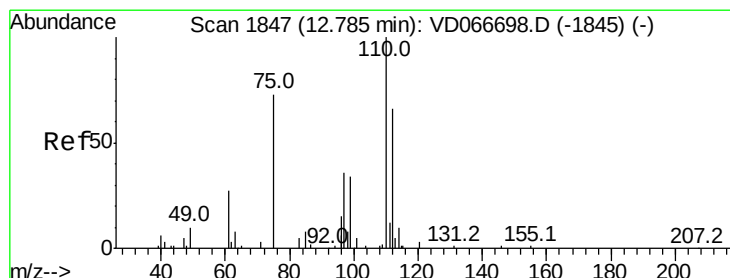
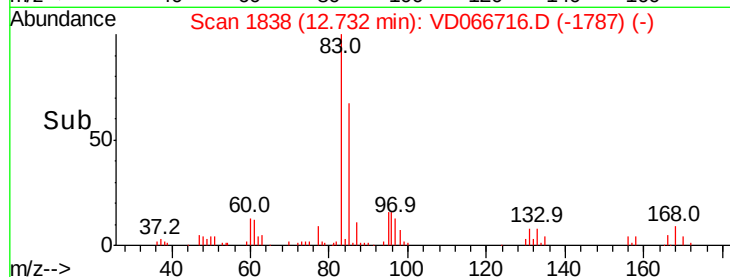
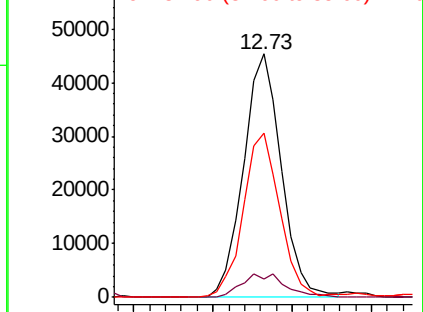
83 100

131 10.9 5.8 17.3

85 65.3 33.3 99.8



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: 39.225 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066716.D

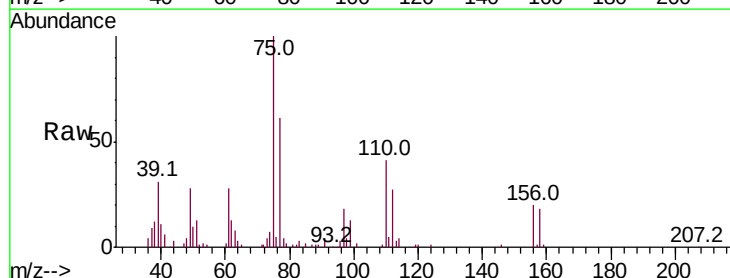
Acq: 16 Sep 2020 13:42

Tgt Ion: 75 Resp: 98095

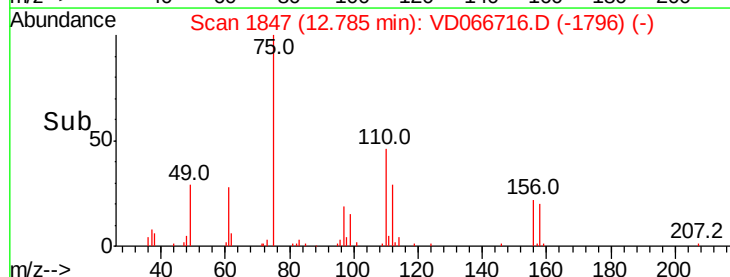
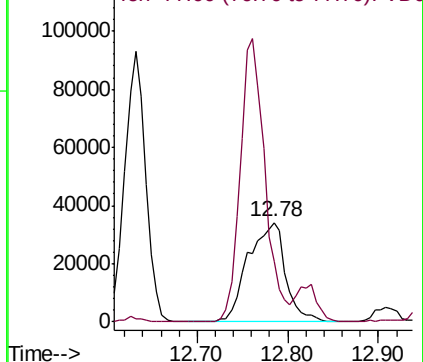
Ion Ratio Lower Upper

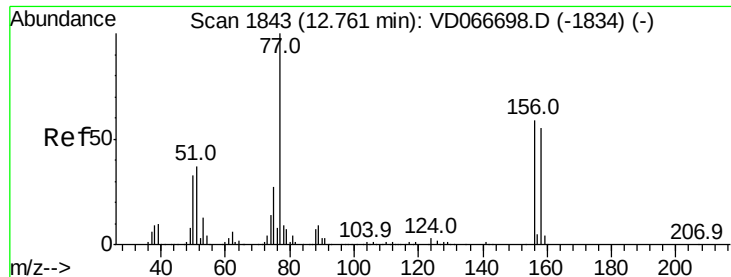
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.317 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

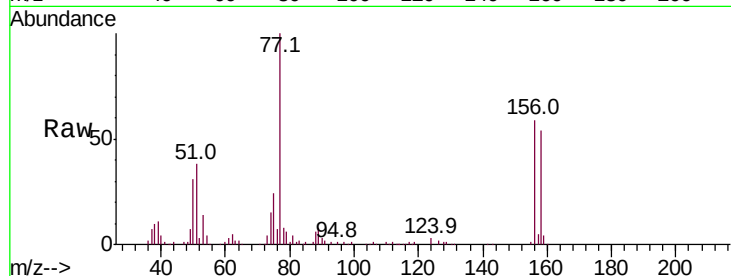
VD0916SBSD01

Tot Ion:156 Resp: 97110

Ion	Ratio	Lower	Upper
156	100		
77	190.6	95.8	287.3
158	94.5	48.4	145.0

77 190.6 95.8 287.3

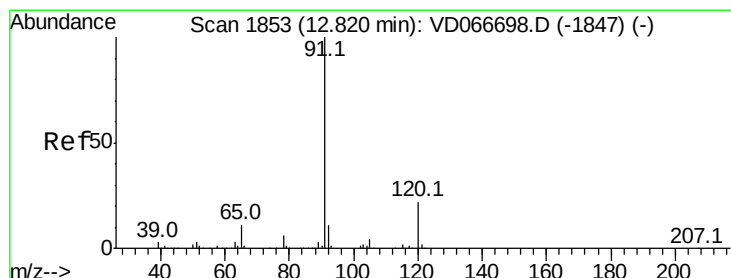
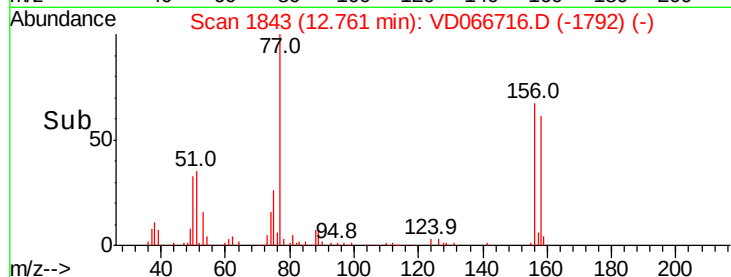
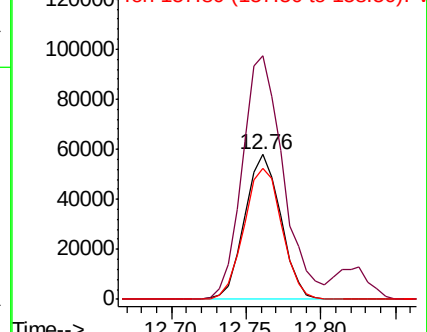
158 94.5 48.4 145.0



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: 19.604 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066716.D

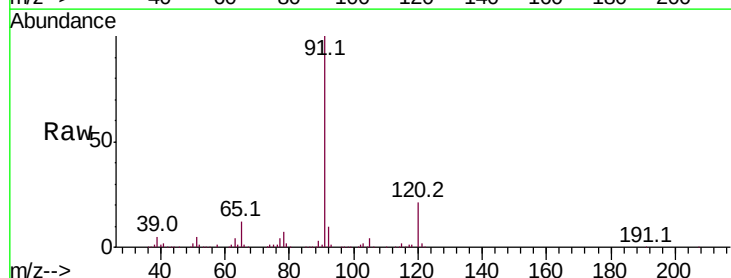
Acq: 16 Sep 2020 13:42

Tgt Ion: 91 Resp: 521232

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9

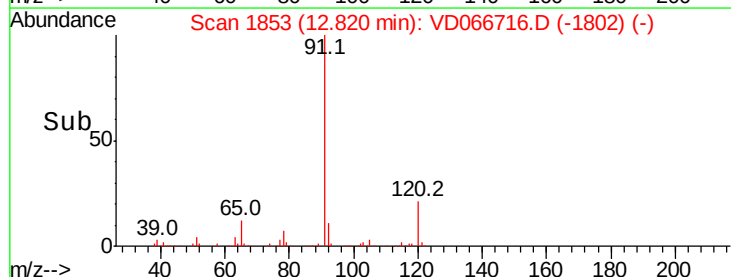
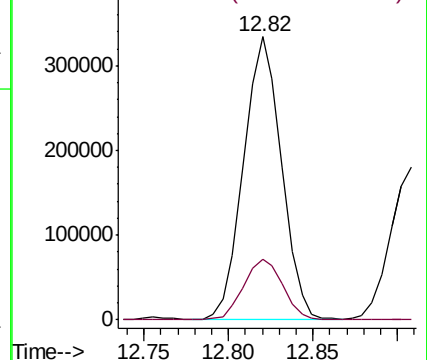
91 100

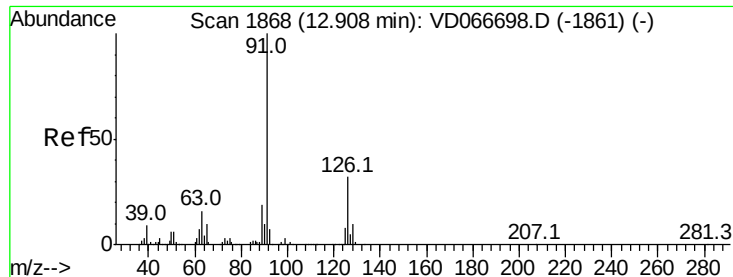
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

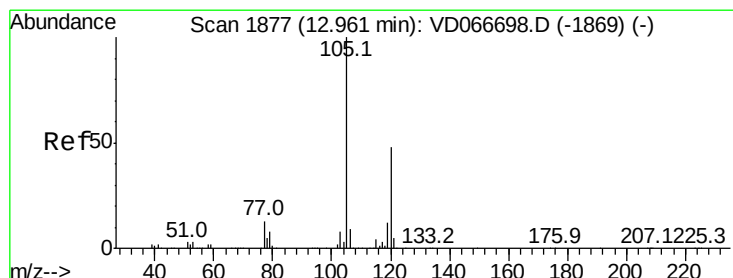
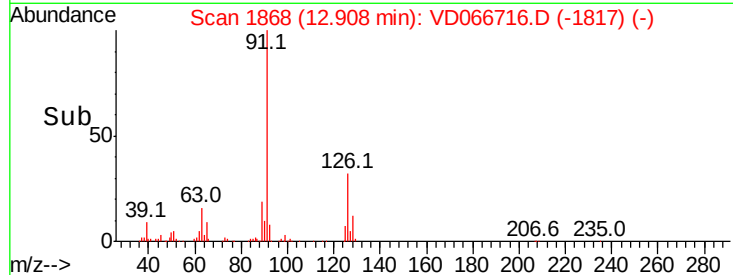
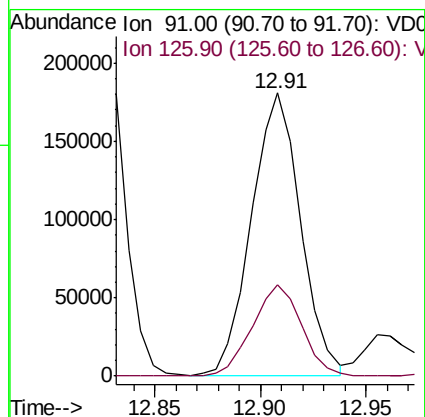
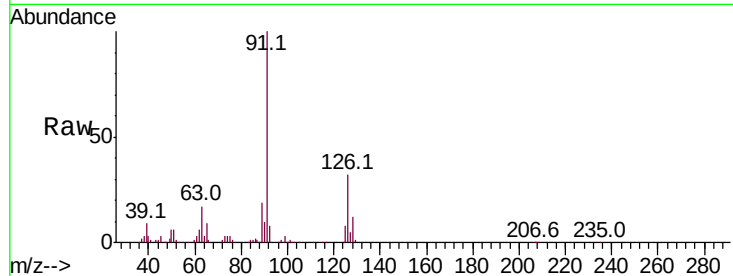




#79
2-Chlorotoluene
Concen: 19.393 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

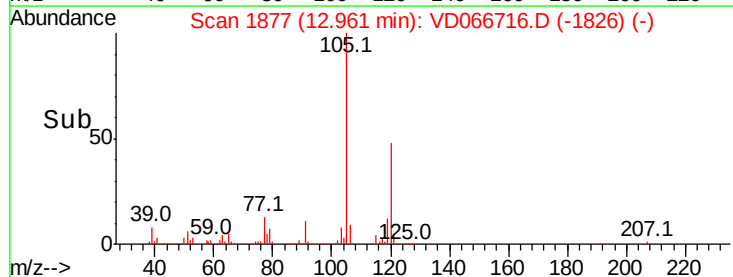
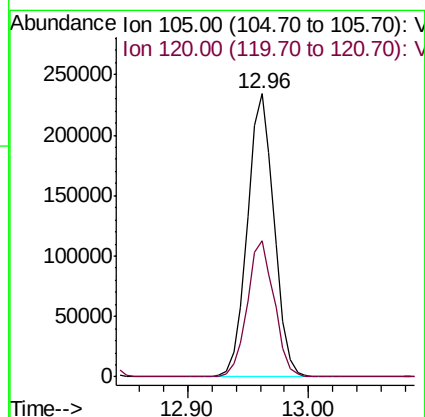
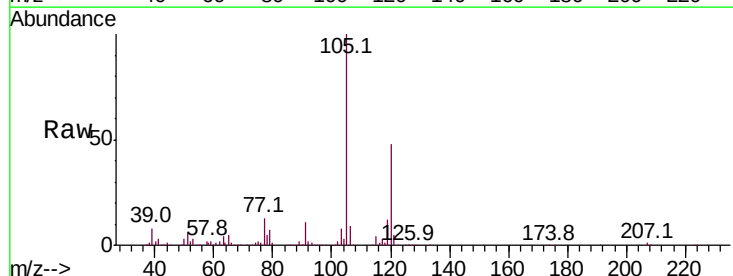
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBS01

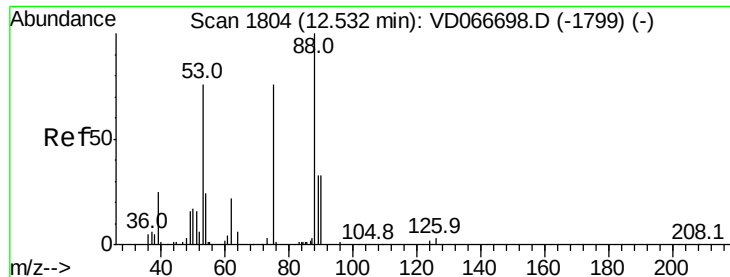
Tot Ion: 91 Resp: 291550
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.569 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion:105 Resp: 360885
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 20.202 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

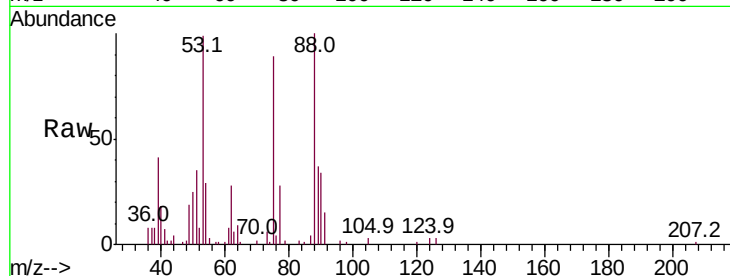
Tot Ion: 75 Resp: 23410

Ion Ratio Lower Upper

75 100

53 104.3 82.2 123.4

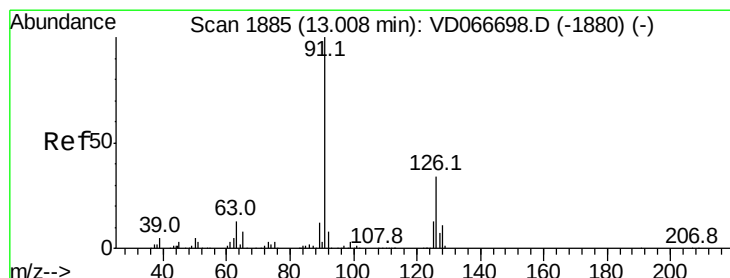
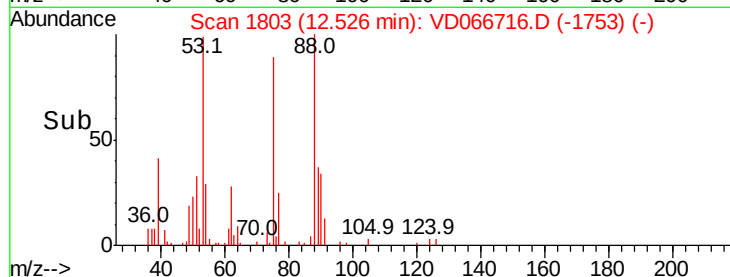
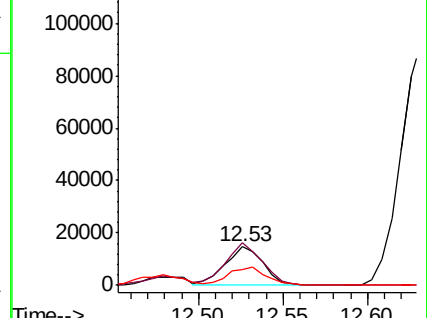
89 47.1 39.6 59.4



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: 19.912 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066716.D

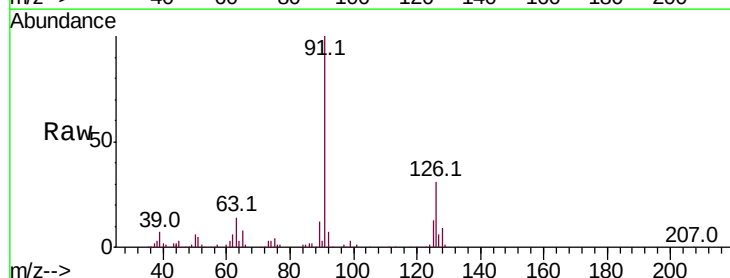
Acq: 16 Sep 2020 13:42

Tgt Ion: 91 Resp: 316535

Ion Ratio Lower Upper

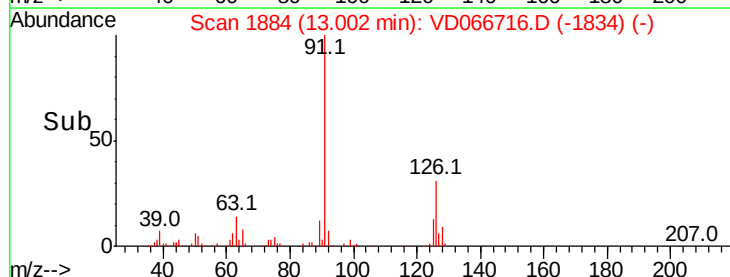
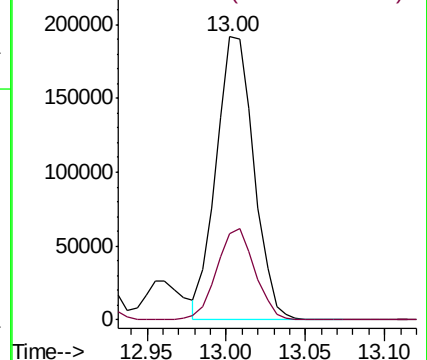
91 100

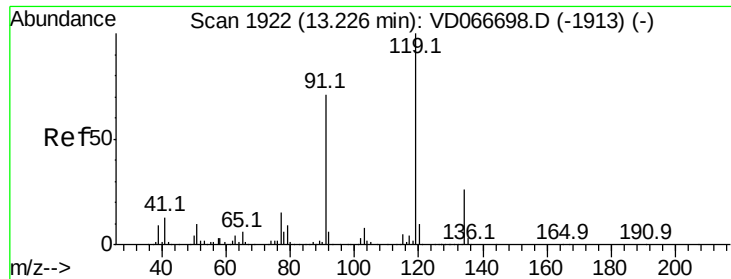
126 32.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

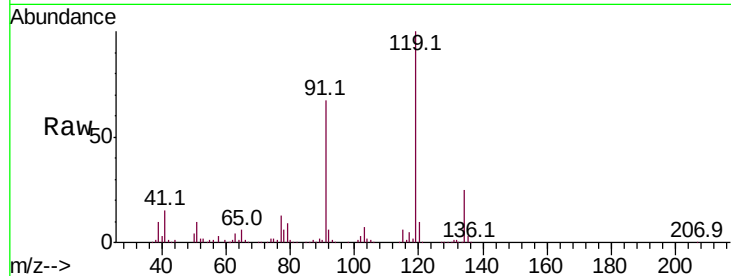




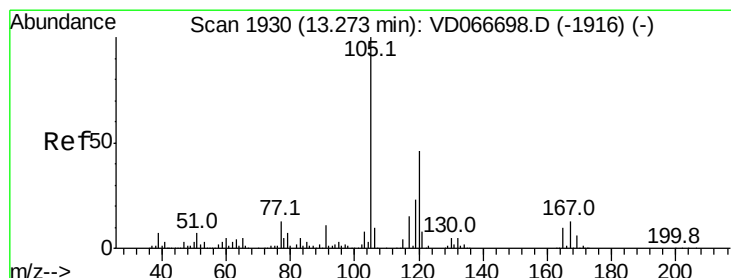
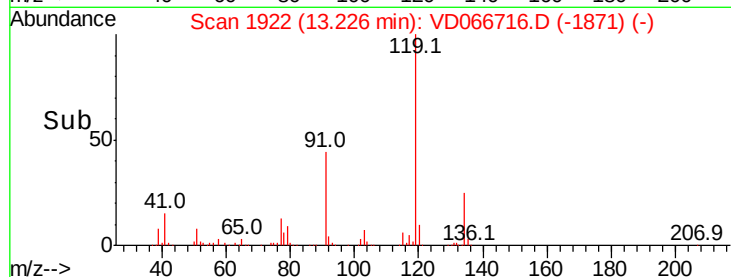
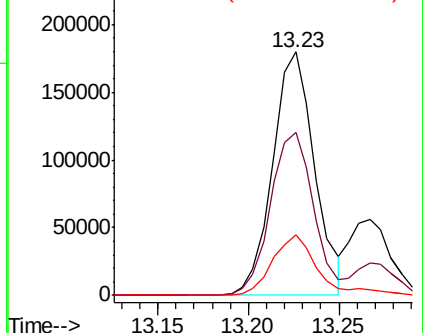
#83
 tert-Butylbenzene
 Concen: 19.161 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBS01

Tot Ion:119 Resp: 291250
 Ion Ratio Lower Upper
 119 100
 91 68.4 35.0 105.1
 134 26.9 13.6 40.8

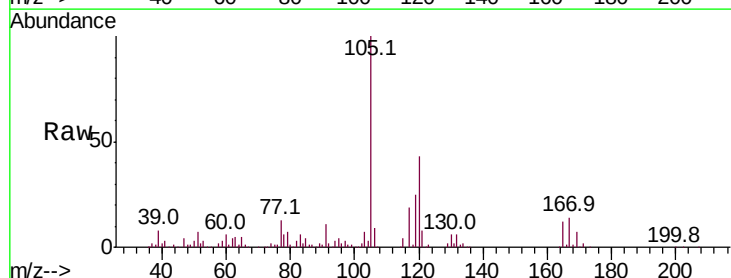


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

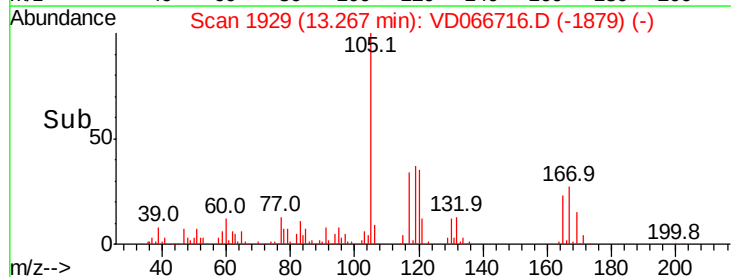
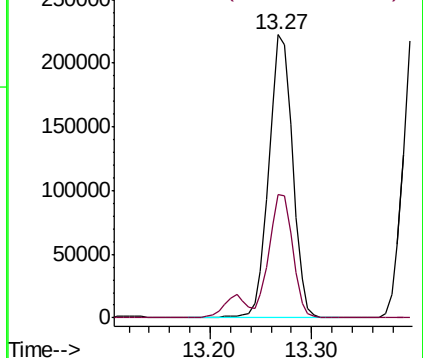


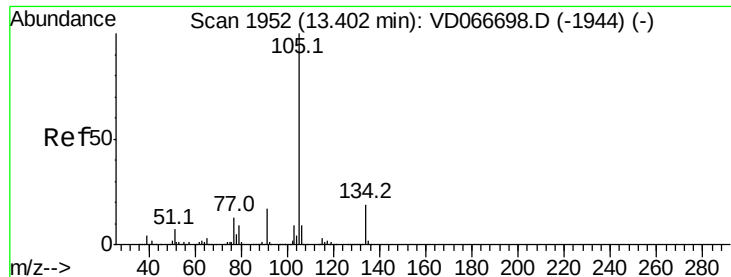
#84
 1,2,4-Trimethylbenzene
 Concen: 19.691 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion:105 Resp: 362902
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.059 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

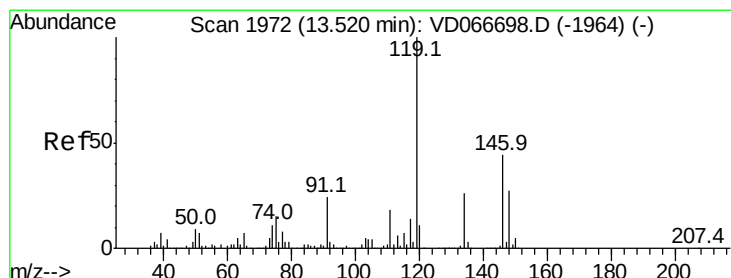
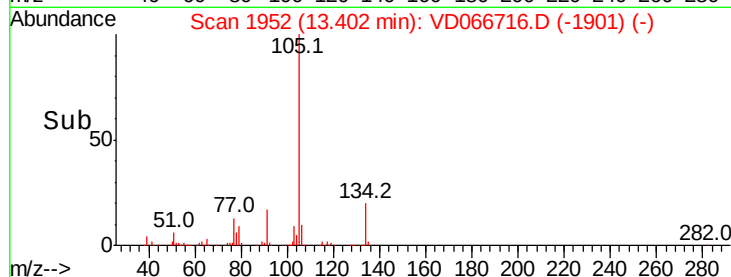
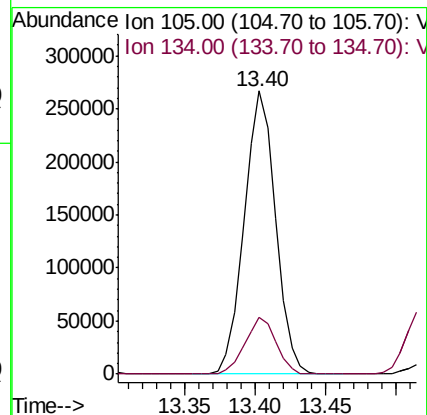
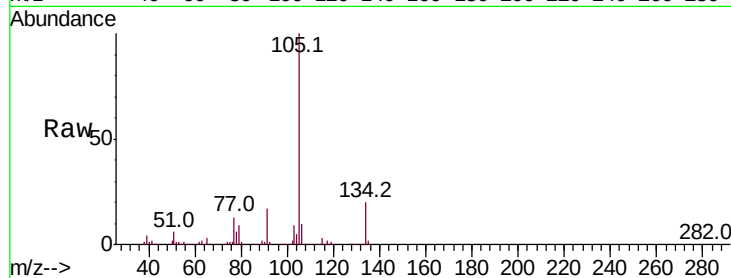
VD0916SBS01

Tot Ion:105 Resp: 415316

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.487 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

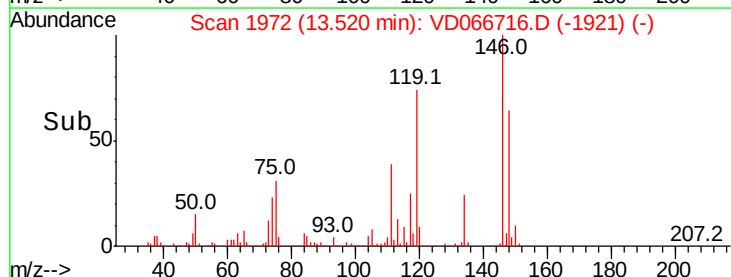
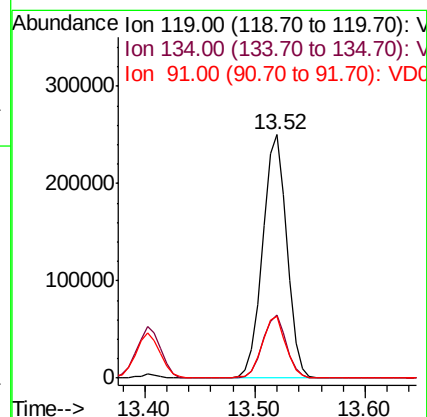
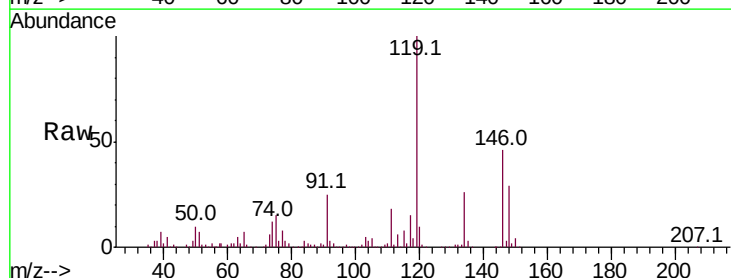
Tgt Ion:119 Resp: 386059

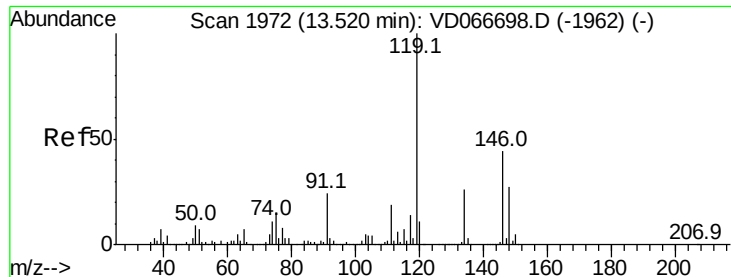
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 25.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.442 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBS01

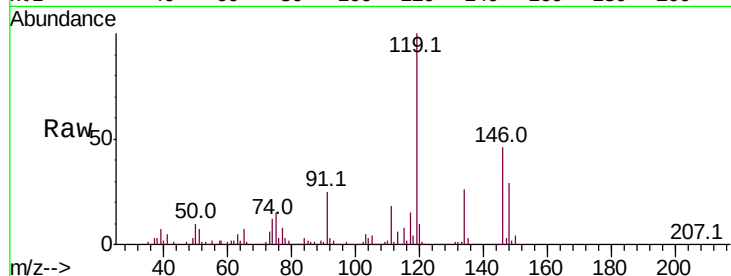
Tot Ion:146 Resp: 187509

Ion Ratio Lower Upper

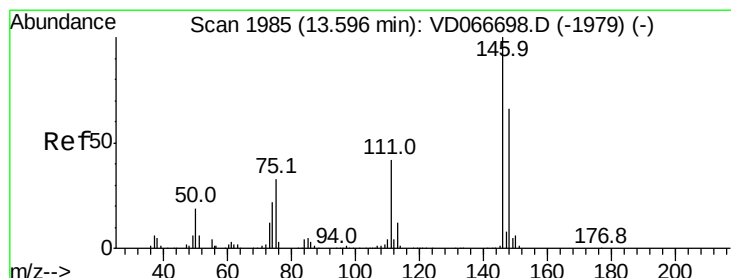
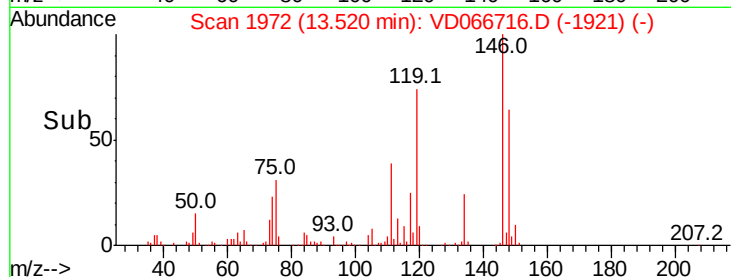
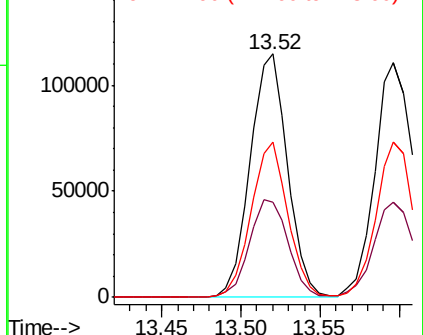
146 100

111 41.8 21.1 63.3

148 63.0 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.407 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

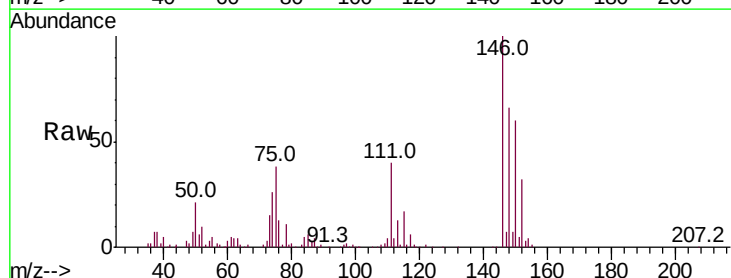
Tgt Ion:146 Resp: 186384

Ion Ratio Lower Upper

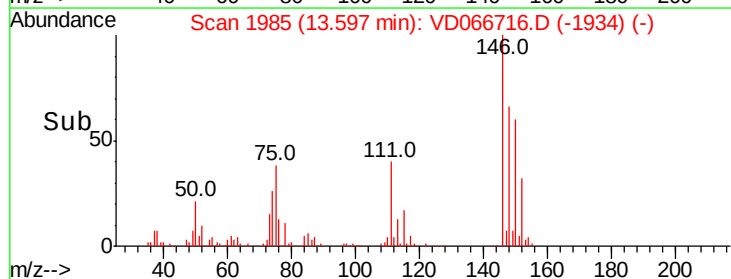
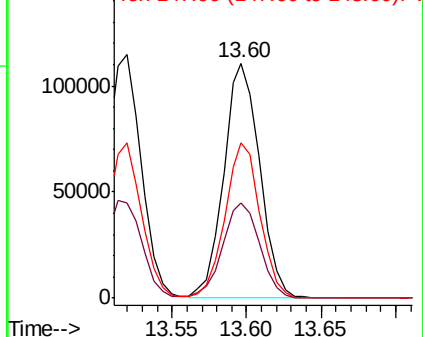
146 100

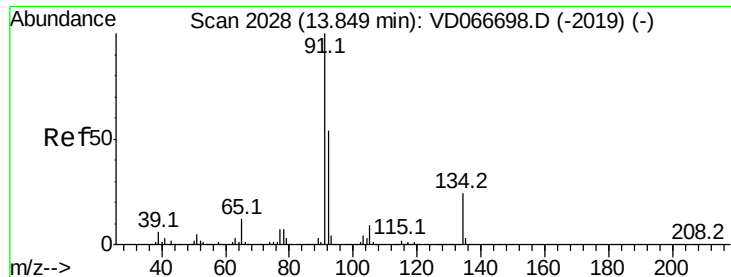
111 42.0 20.5 61.6

148 64.4 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

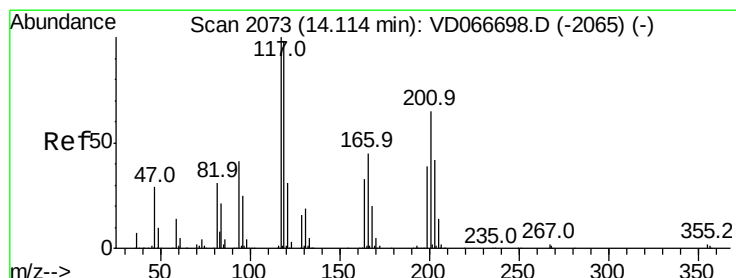
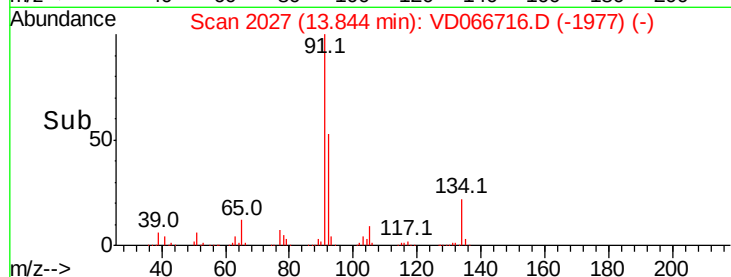
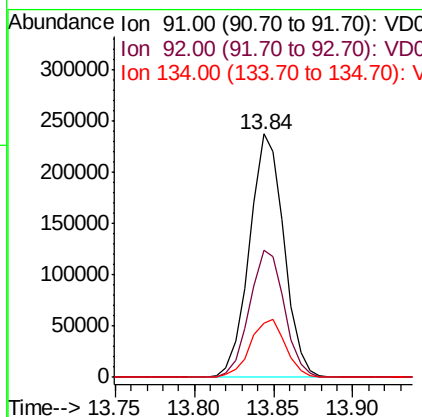
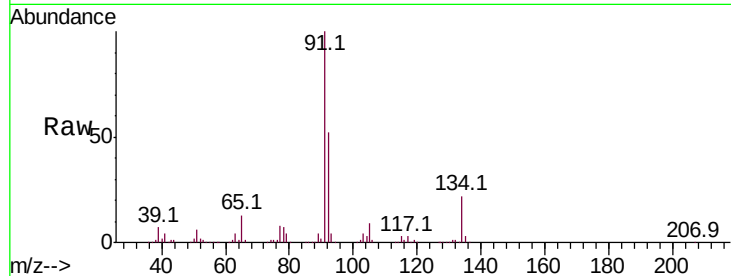




#89
n-Butylbenzene
Concen: 19.027 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

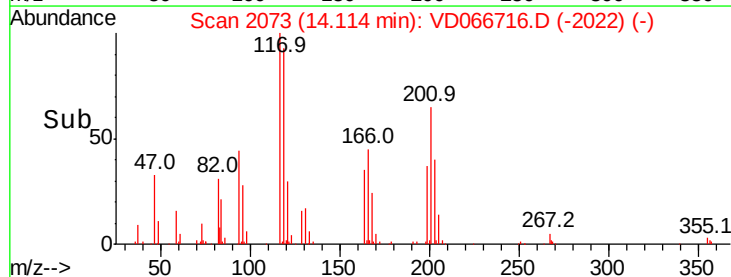
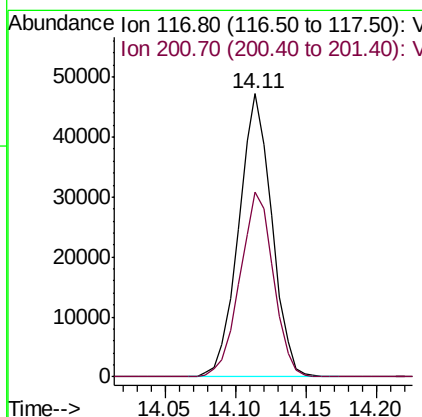
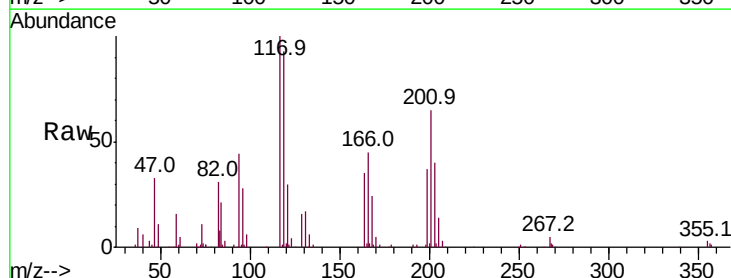
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBSD01

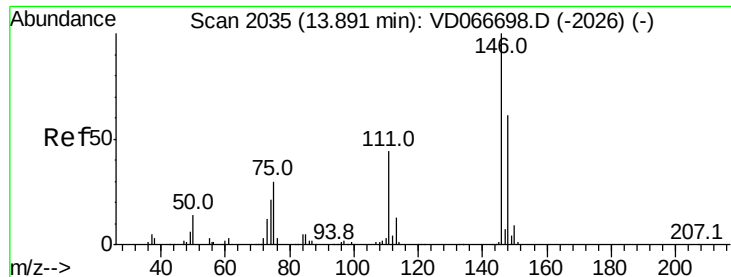
Tot Ion: 91 Resp: 358421
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 24.3 12.4 37.0



#90
Hexachloroethane
Concen: 18.992 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066716.D
Acq: 16 Sep 2020 13:42

Tgt Ion: 117 Resp: 77293
Ion Ratio Lower Upper
117 100
201 66.1 33.1 99.3

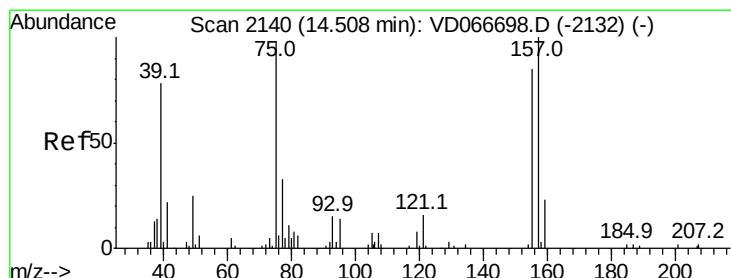
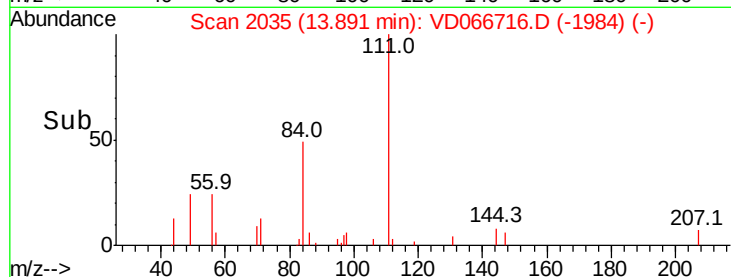
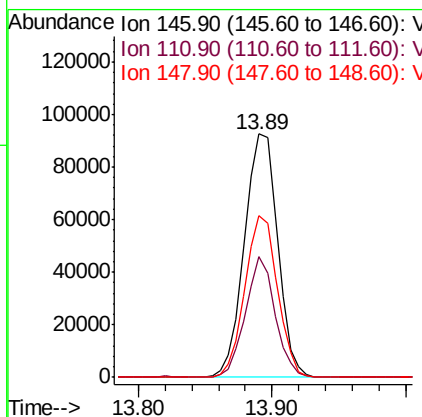
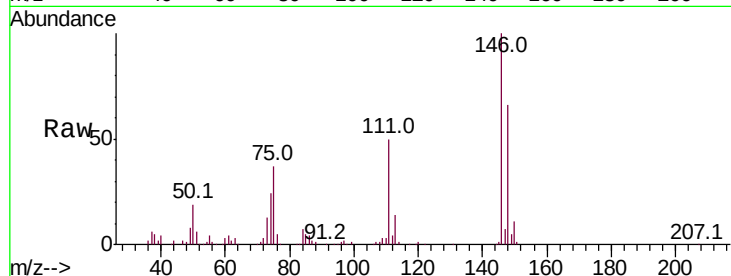




#91
 1,2-Dichlorobenzene
 Concen: 19.292 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

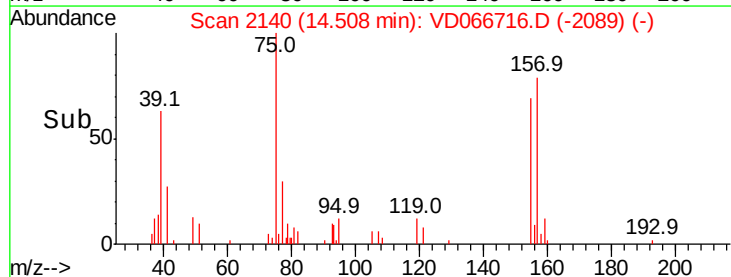
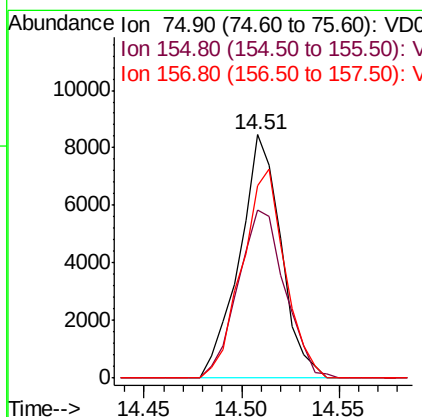
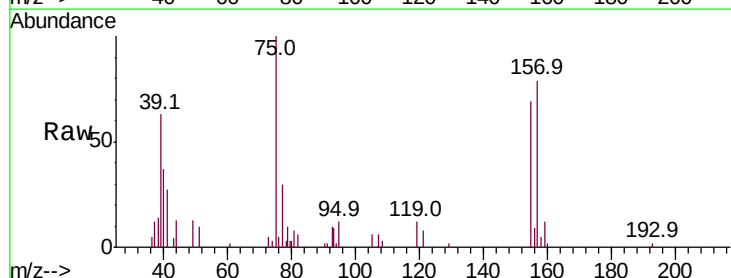
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

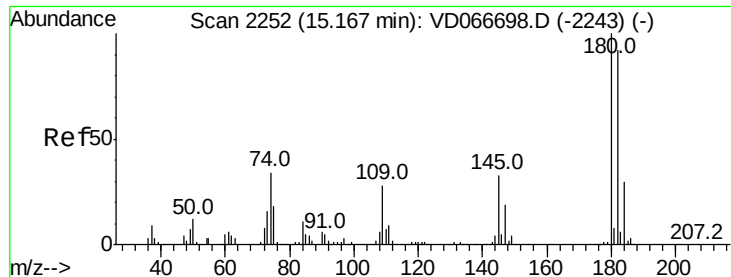
Tot Ion:146 Resp: 159427
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.6 64.6
 148 64.9 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.744 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion: 75 Resp: 12428
 Ion Ratio Lower Upper
 75 100
 155 78.1 38.9 116.7
 157 88.8 46.4 139.2

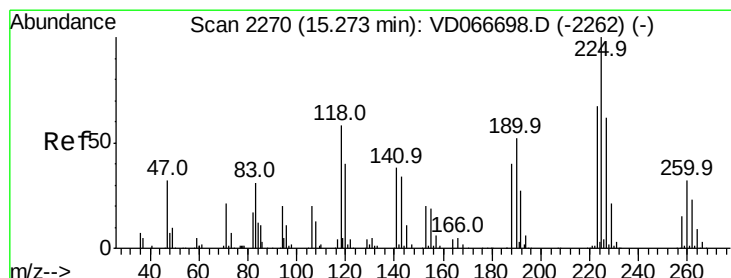
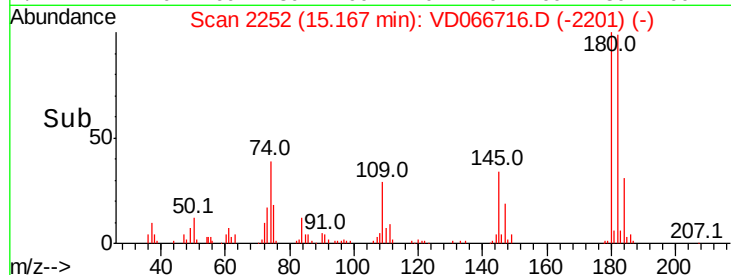
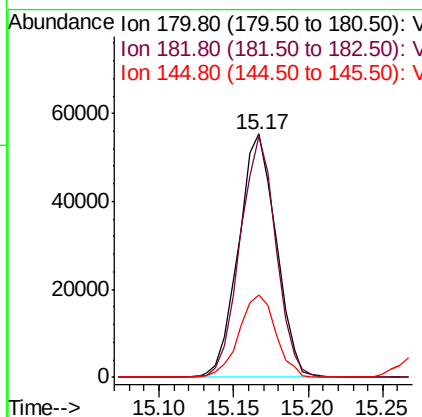
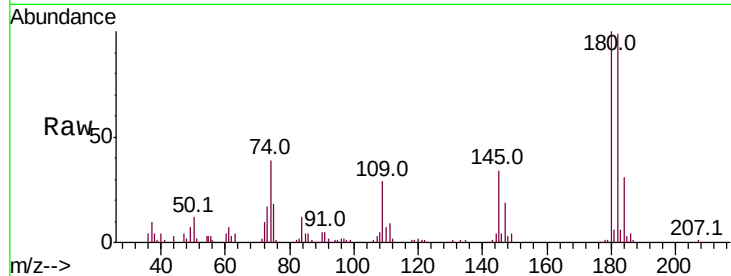




#93
 1,2,4-Trichlorobenzene
 Concen: 19.335 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

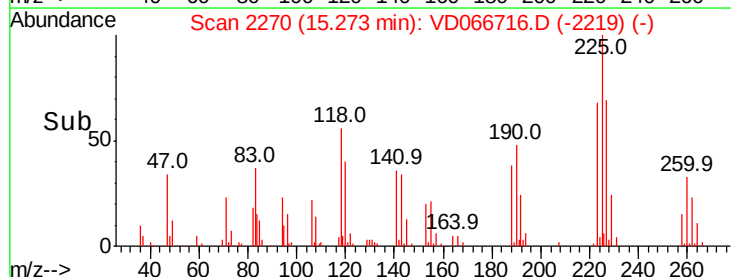
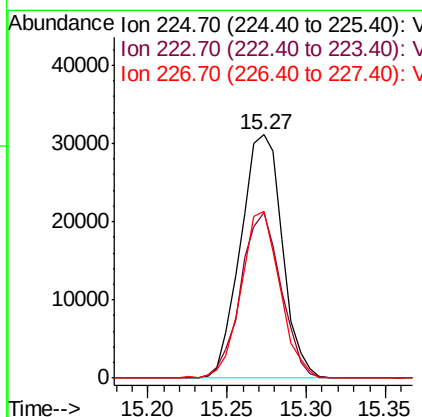
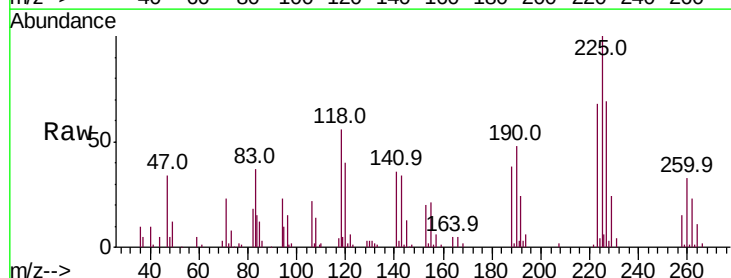
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBSD01

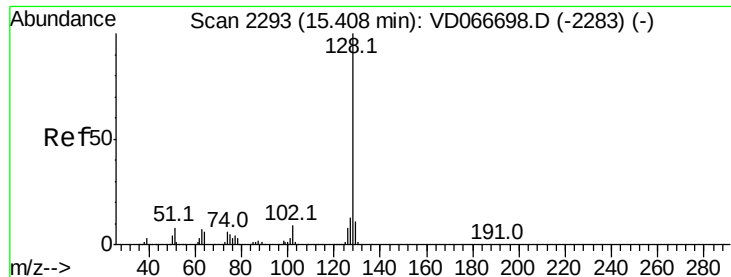
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.6	139.7
145	32.9	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 18.887 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066716.D
 Acq: 16 Sep 2020 13:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.9	95.9
227	63.7	31.3	93.9





#95

Naphthalene

Concen: 19.301 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBSD01

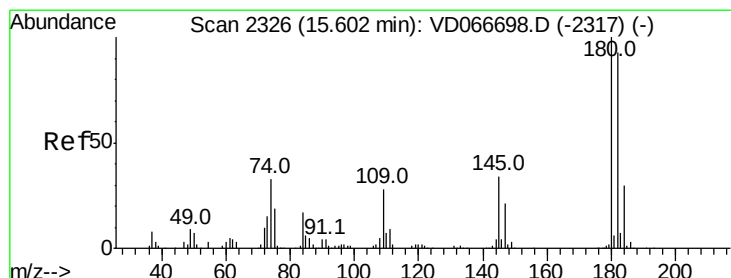
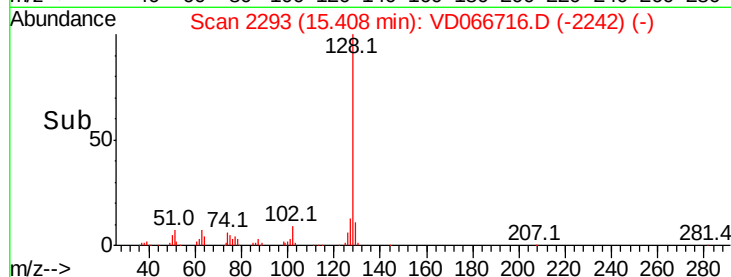
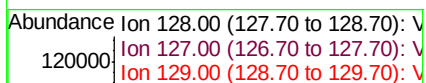
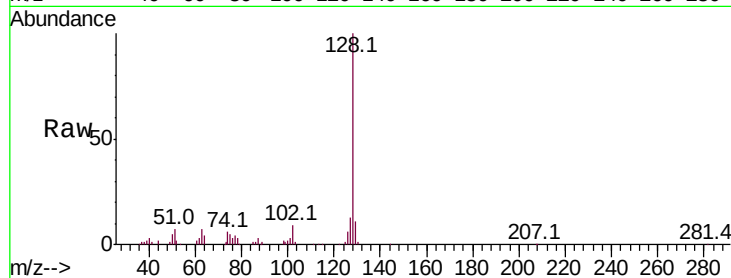
Tot Ion:128 Resp: 168555

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.121 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066716.D

Acq: 16 Sep 2020 13:42

Tgt Ion:180 Resp: 83480

Ion Ratio Lower Upper

180 100

182 97.8 46.6 139.8

145 35.5 17.1 51.3

