

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066703.D
 Acq On : 15 Sep 2020 18:26
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Quant Time: Sep 16 01:45:43 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	396433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	212302	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.91	113	202955	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.34	98	739700	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.63	95	253146	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73826	22.560	ug/l	97
3) Chloromethane	2.21	50	93691	21.718	ug/l	100
4) Vinyl Chloride	2.35	62	92120	20.403	ug/l	97
5) Bromomethane	2.76	94	67709	21.140	ug/l	91
6) Chloroethane	2.91	64	58240	20.706	ug/l	92
7) Trichlorofluoromethane	3.27	101	161925	20.764	ug/l	95
8) Diethyl Ether	3.71	74	38943	19.942	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	85272	19.897	ug/l	99
10) Methyl Iodide	4.30	142	75344	18.529	ug/l	100
11) Tert butyl alcohol	5.20	59	2619	Below Cal	#	76
12) 1,1-Dichloroethene	4.06	96	77132	19.445	ug/l	96
13) Acrolein	3.91	56	30408	101.934	ug/l	99
14) Allyl chloride	4.71	41	123703	19.418	ug/l	99
15) Acrylonitrile	5.42	53	85978	100.507	ug/l	99
16) Acetone	4.16	43	75445	87.591	ug/l #	89
17) Carbon Disulfide	4.40	76	255110	20.467	ug/l	98
18) Methyl Acetate	4.71	43	44404	22.144	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	184296	20.859	ug/l	99
20) Methylene Chloride	4.97	84	107977	18.714	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	91559	19.811	ug/l	95
22) Diisopropyl ether	6.36	45	266491	20.588	ug/l	97
23) Vinyl Acetate	6.30	43	742869	103.174	ug/l	99
24) 1,1-Dichloroethane	6.26	63	163943	19.959	ug/l	97
25) 2-Butanone	7.21	43	107998	96.291	ug/l	100
26) 2,2-Dichloropropane	7.20	77	141129	18.580	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101646	20.104	ug/l	98
28) Bromochloromethane	7.54	49	67847	22.114	ug/l	97
29) Tetrahydrofuran	7.56	42	70242	102.361	ug/l	99
30) Chloroform	7.71	83	176995	20.246	ug/l	99
31) Cyclohexane	7.98	56	151881	20.328	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	159901	19.989	ug/l	100
36) 1,1-Dichloropropene	8.11	75	132623	19.442	ug/l	99
37) Ethyl Acetate	7.29	43	48730	18.870	ug/l	96
38) Carbon Tetrachloride	8.09	117	140967	19.460	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	143742	18.423	ug/l	95
40) Benzene	8.35	78	367269	19.901	ug/l	100
41) Methacrylonitrile	7.56	41	71546	52.332	ug/l #	42
42) 1,2-Dichloroethane	8.42	62	117566	20.563	ug/l	100
43) Isopropyl Acetate	8.44	43	98081	20.179	ug/l	99
44) Trichloroethene	9.11	130	97295	19.718	ug/l	93
45) 1,2-Dichloropropane	9.38	63	90270	19.786	ug/l	98
46) Dibromomethane	9.47	93	50239	20.039	ug/l	99
47) Bromodichloromethane	9.66	83	135501	19.835	ug/l	94
48) Methyl methacrylate	9.46	41	47030	19.022	ug/l	91
49) 1,4-Dioxane	9.46	88	10811	402.570	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	250158	99.966	ug/l	99
52) Toluene	10.40	92	232787	19.690	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	122951	20.147	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	145510	20.075	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	68047	20.587	ug/l	95
56) Ethyl methacrylate	10.66	69	74227	19.789	ug/l	96
57) 1,3-Dichloropropane	10.94	76	114320	19.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	189290	114.902	ug/l	99
59) 2-Hexanone	10.98	43	170385	101.334	ug/l	95
60) Dibromochloromethane	11.14	129	87425	20.299	ug/l	97
61) 1,2-Dibromoethane	11.24	107	62775	19.798	ug/l	98
64) Tetrachloroethene	10.87	164	80396	19.095	ug/l	91
65) Chlorobenzene	11.67	112	242283	18.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	93384	19.820	ug/l	97
67) Ethyl Benzene	11.74	91	440895	19.061	ug/l	97
68) m/p-Xylenes	11.85	106	339923	38.883	ug/l	98
69) o-Xylene	12.18	106	145936	18.890	ug/l	99
70) Styrene	12.19	104	263870	19.406	ug/l	98
71) Bromoform	12.36	173	45340	19.175	ug/l #	95
73) Isopropylbenzene	12.48	105	405537	18.850	ug/l	99
74) N-amyl acetate	12.29	43	85501	18.840	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	70993	19.420	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	95027	38.523	ug/l #	100
77) Bromobenzene	12.76	156	95396	19.238	ug/l	98
78) n-propylbenzene	12.82	91	497774	18.980	ug/l	99
79) 2-Chlorotoluene	12.91	91	290750	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	350532	19.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20740	18.145	ug/l	92
82) 4-Chlorotoluene	13.00	91	312493	19.929	ug/l	97
83) tert-Butylbenzene	13.23	119	286371	19.101	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	349018	19.199	ug/l	99
85) sec-Butylbenzene	13.40	105	406571	18.915	ug/l	99
86) p-Isopropyltoluene	13.52	119	359488	18.397	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	187596	19.720	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	178501	18.843	ug/l	97
89) n-Butylbenzene	13.84	91	344388	18.534	ug/l	97
90) Hexachloroethane	14.11	117	77535	19.315	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	155852	19.120	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13093	22.156	ug/l	89

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

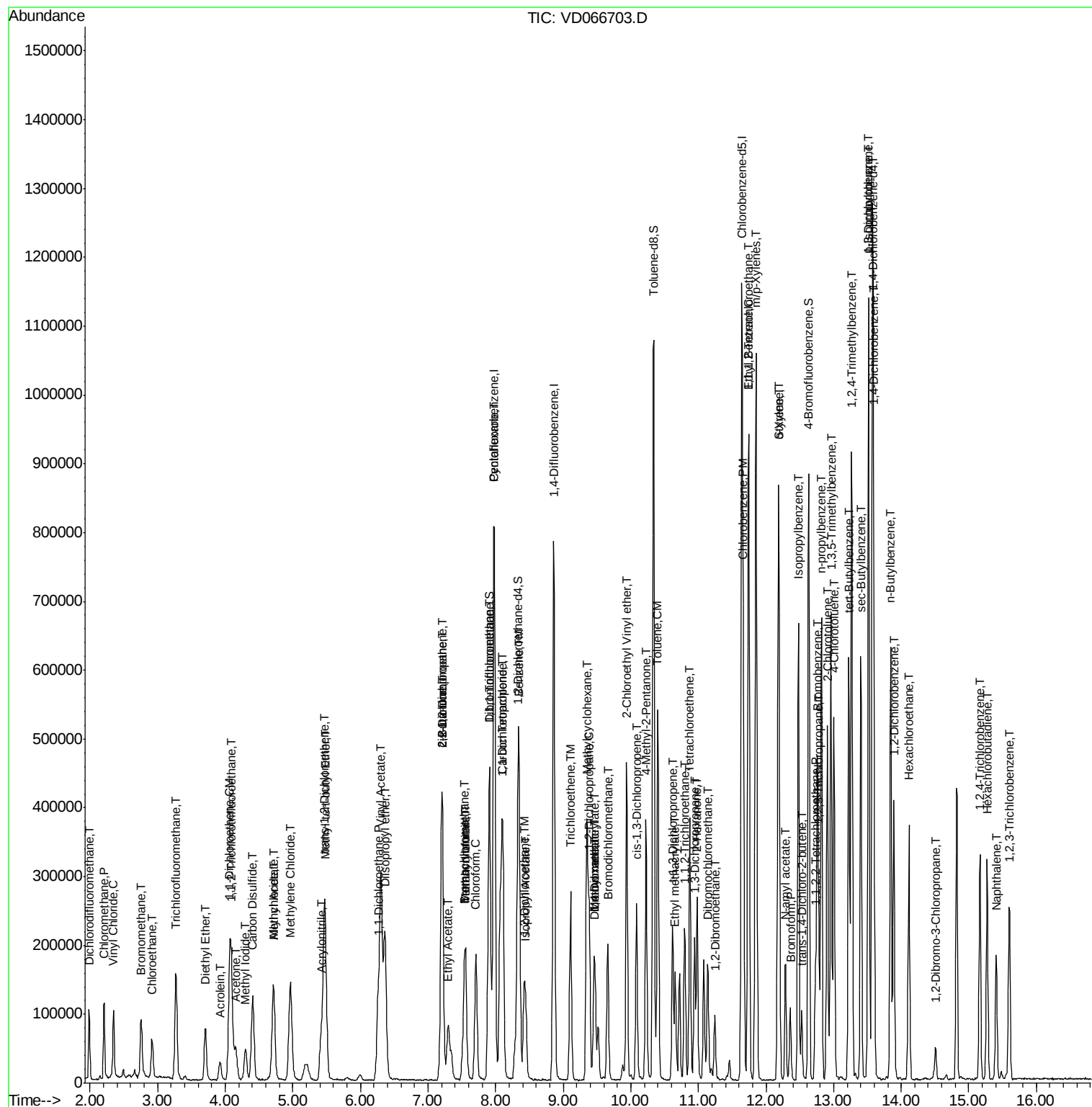
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96521	19.578	ug/l	97
94) Hexachlorobutadiene	15.27	225	55360	18.637	ug/l	98
95) Naphthalene	15.41	128	157550	18.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	79325	18.421	ug/l	97

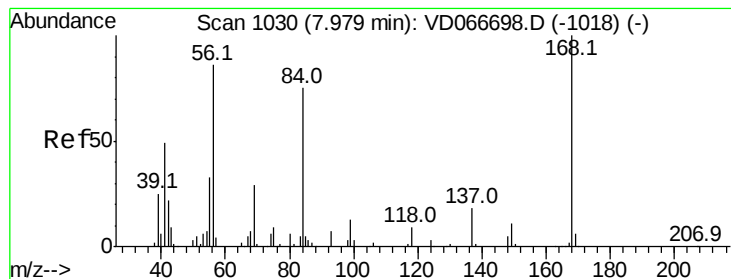
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

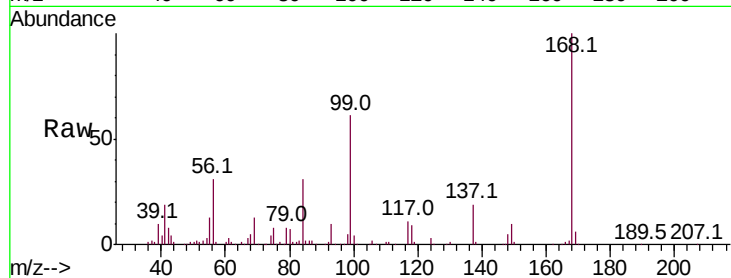
VD0915SBS01

Tot Ion:168 Resp: 396433

Ion Ratio Lower Upper

168 100

99 61.2 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

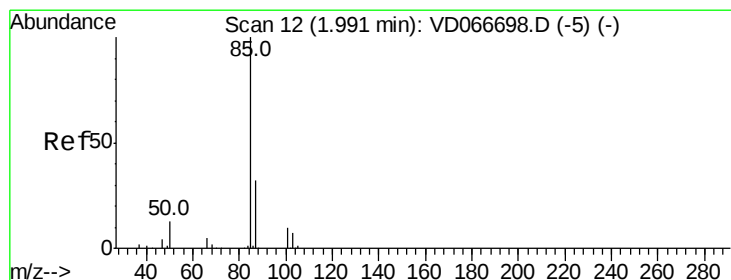
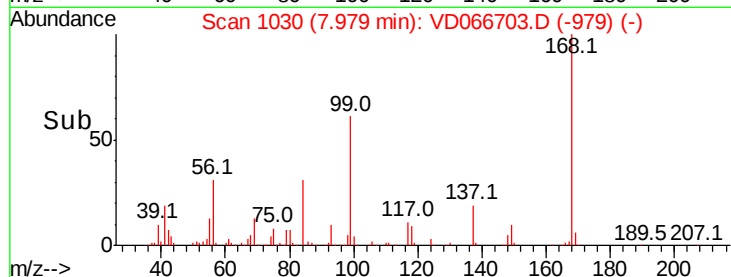
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.560 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066703.D

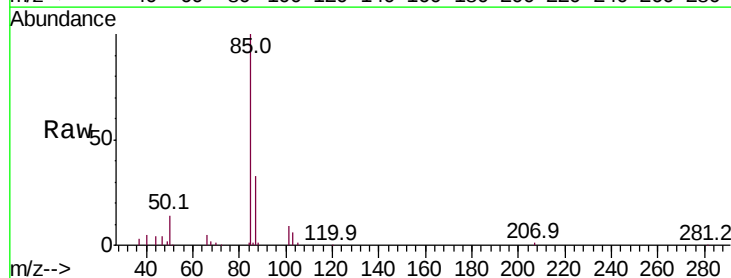
Acq: 15 Sep 2020 18:26

Tgt Ion: 85 Resp: 73826

Ion Ratio Lower Upper

85 100

87 33.5 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

50000

40000

30000

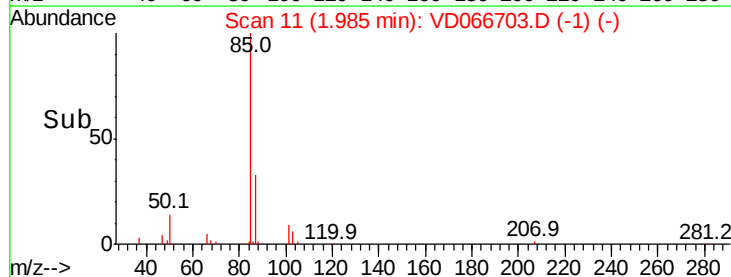
20000

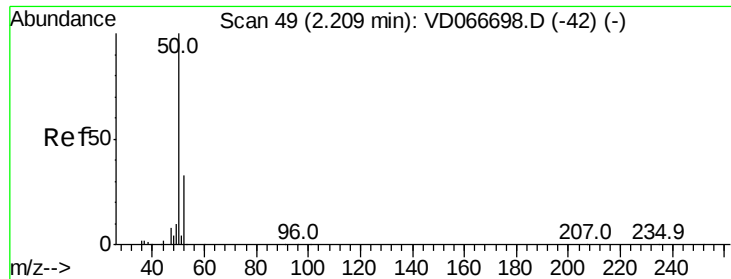
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.718 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

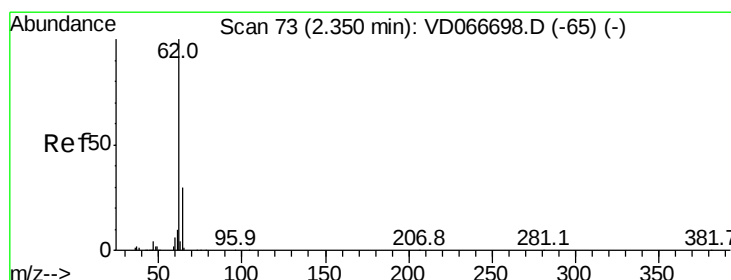
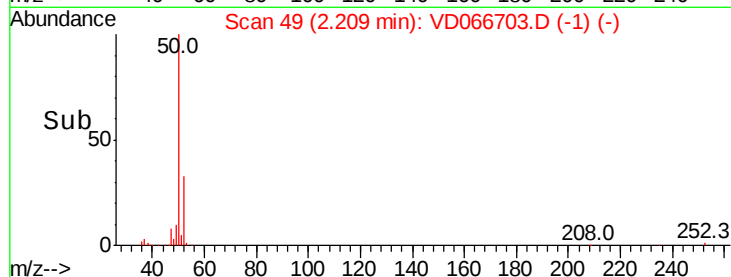
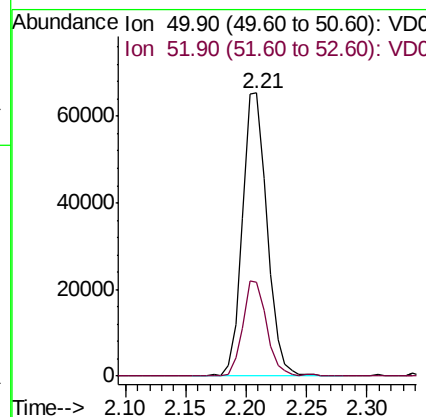
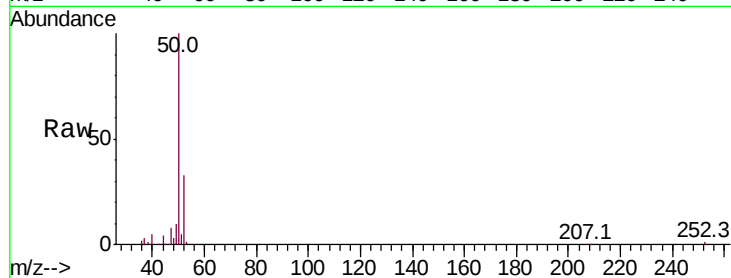
VD0915SBS01

Tot Ion: 50 Resp: 93691

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 20.403 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066703.D

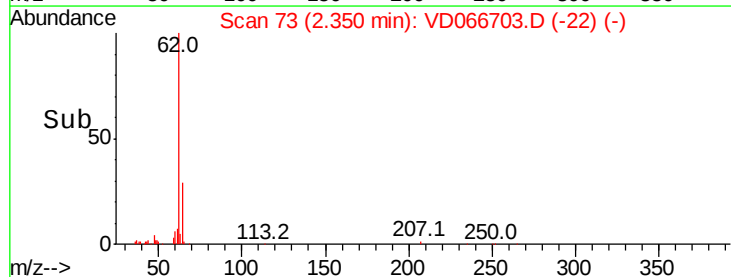
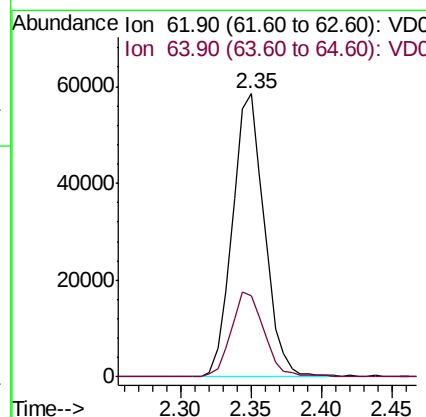
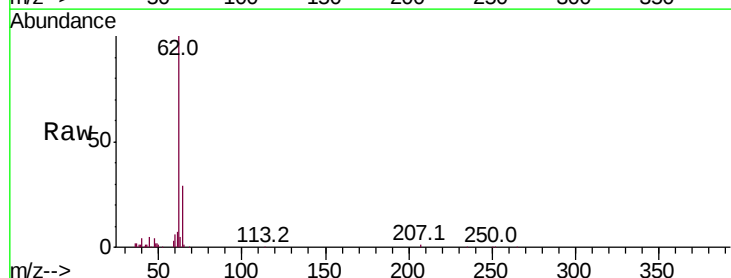
Acq: 15 Sep 2020 18:26

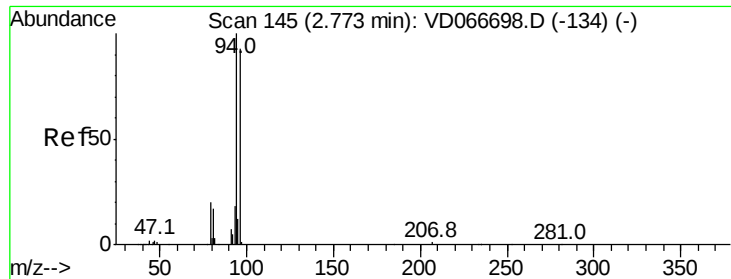
Tgt Ion: 62 Resp: 92120

Ion Ratio Lower Upper

62 100

64 28.8 24.4 36.6





#5

Bromomethane

Concen: 21.140 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

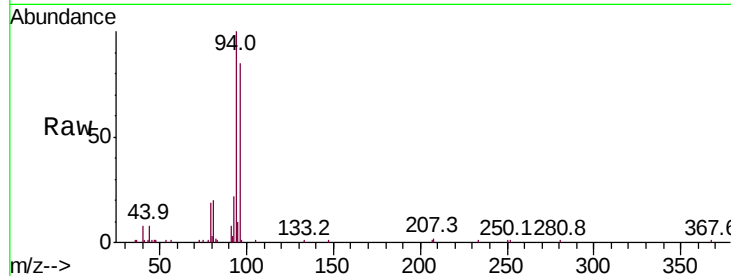
VD0915SBS01

Tot Ion: 94 Resp: 67709

Ion Ratio Lower Upper

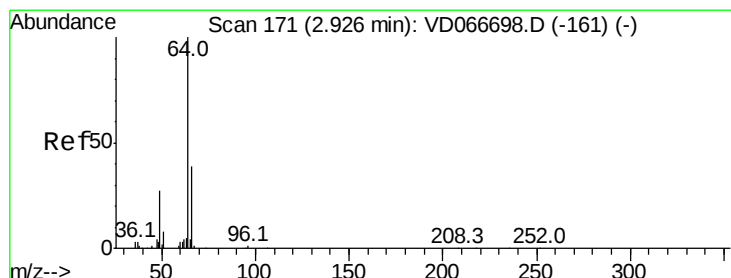
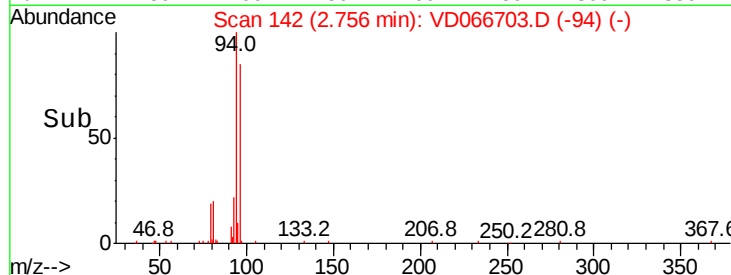
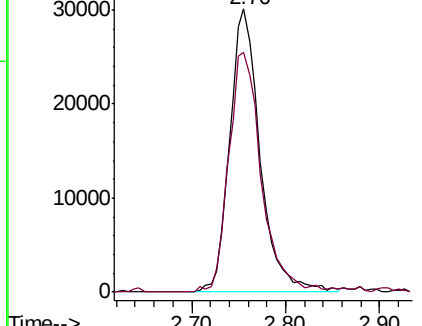
94 100

96 84.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.706 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066703.D

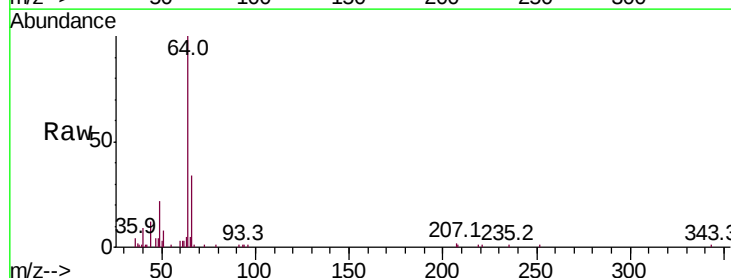
Acq: 15 Sep 2020 18:26

Tgt Ion: 64 Resp: 58240

Ion Ratio Lower Upper

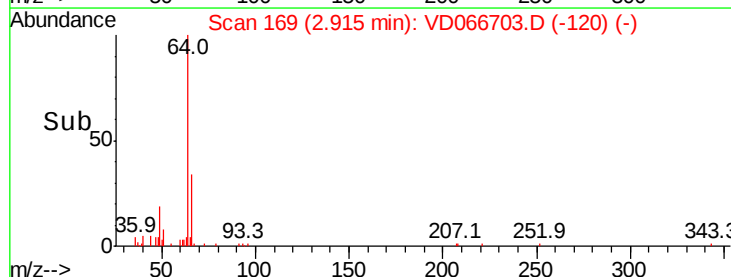
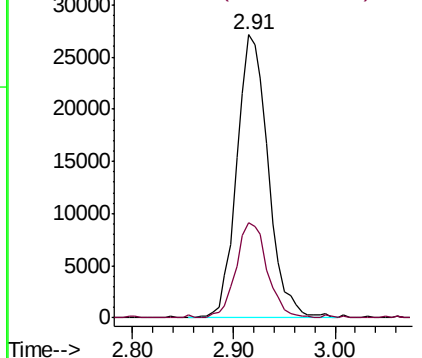
64 100

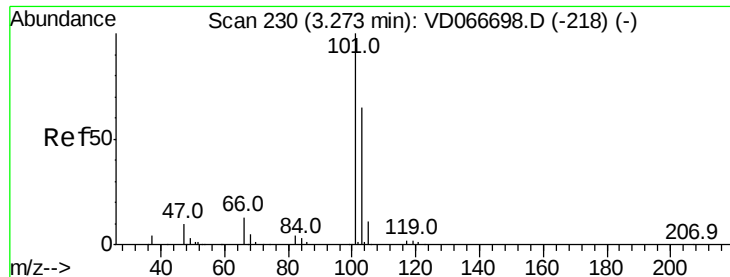
66 33.8 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



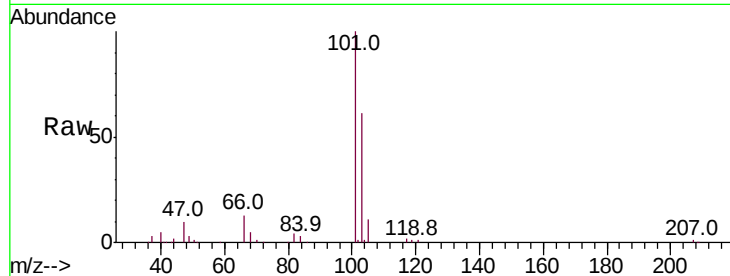


#7

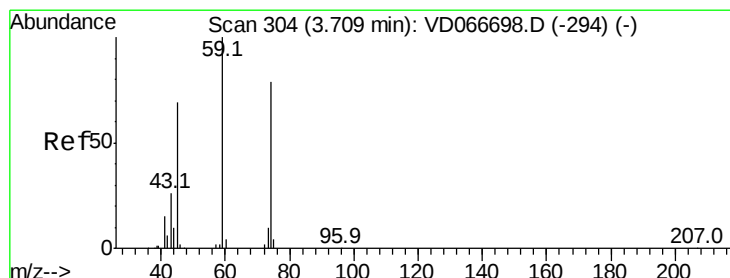
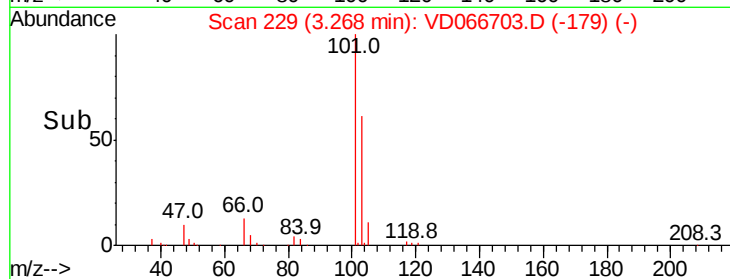
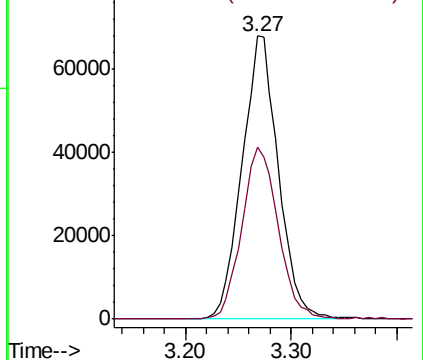
Trichlorofluoromethane
Concen: 20.764 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion:101 Resp: 161925
Ion Ratio Lower Upper
101 100
103 60.7 51.8 77.8



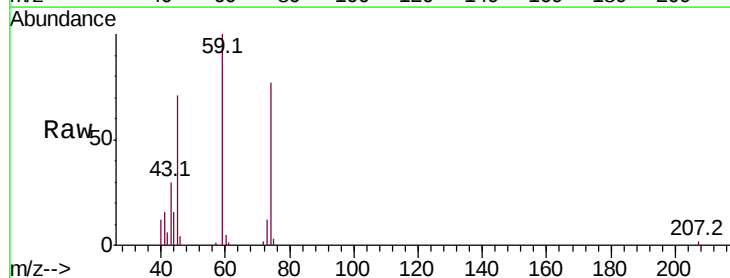
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



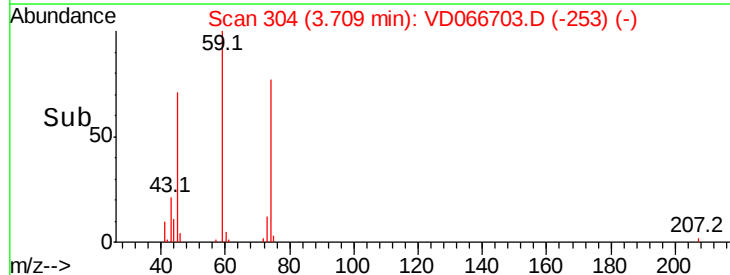
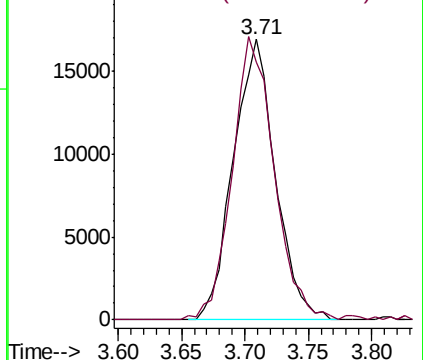
#8

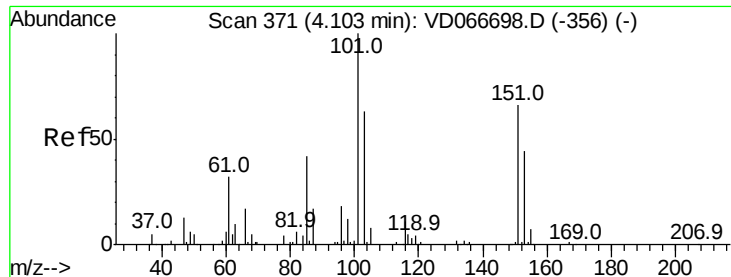
Diethyl Ether
Concen: 19.942 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 74 Resp: 38943
Ion Ratio Lower Upper
74 100
45 100.4 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.897 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066703.D

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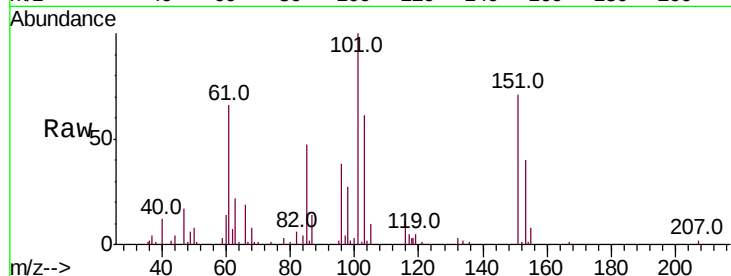
Tot Ion:101 Resp: 85272

Ion Ratio Lower Upper

101 100

85 47.2 36.3 54.5

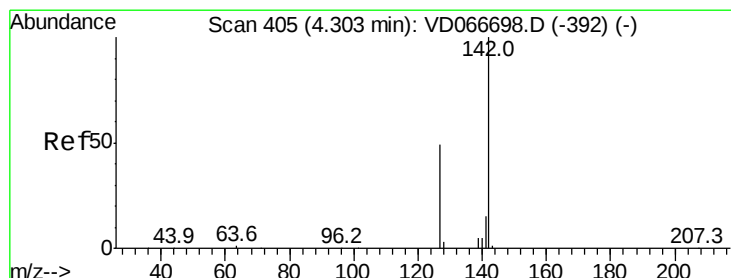
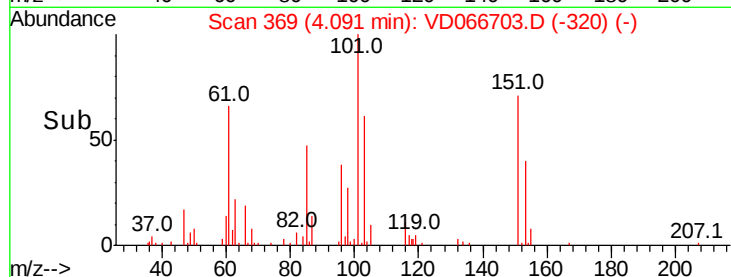
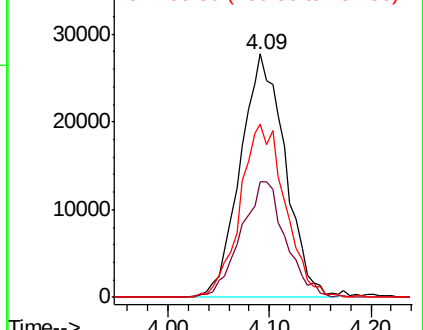
151 71.9 58.0 87.0



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: 18.529 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

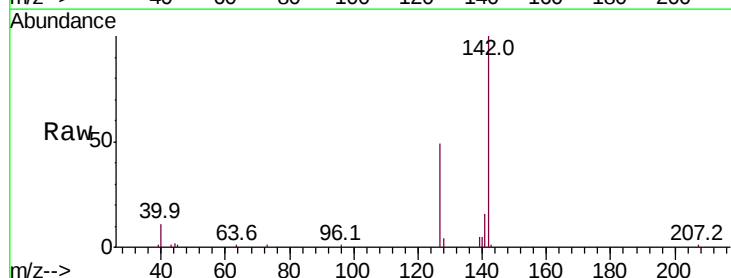
Tgt Ion:142 Resp: 75344

Ion Ratio Lower Upper

142 100

127 48.9 39.0 58.4

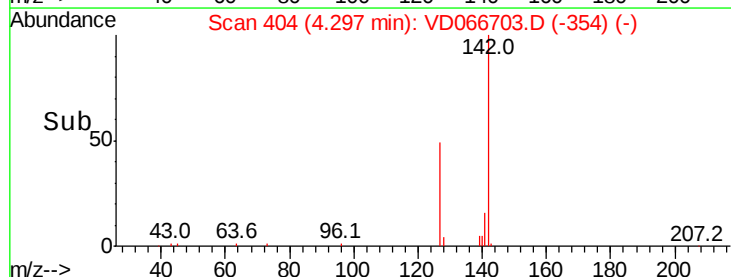
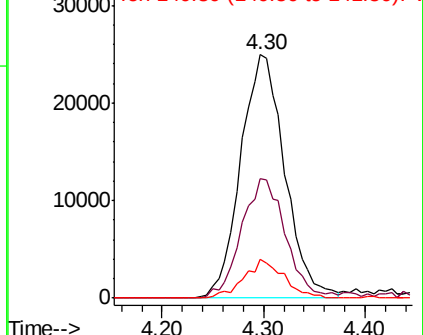
141 14.4 11.7 17.5

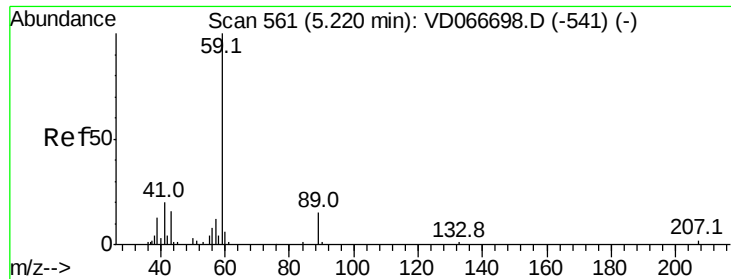


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



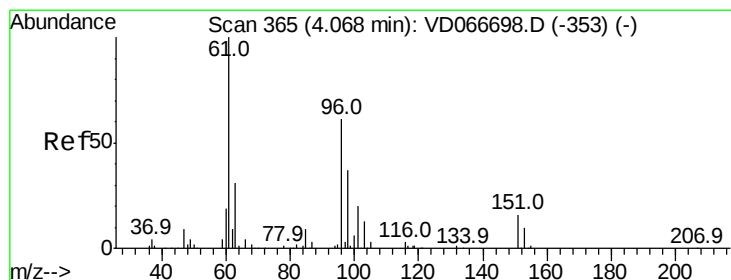
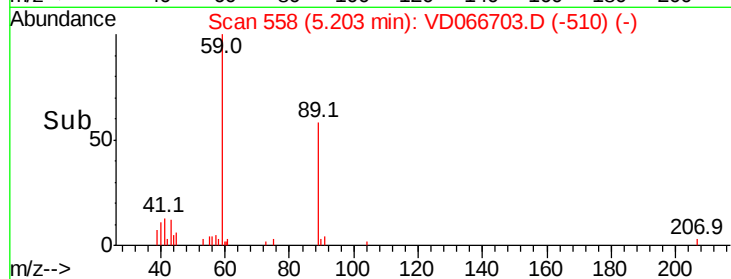
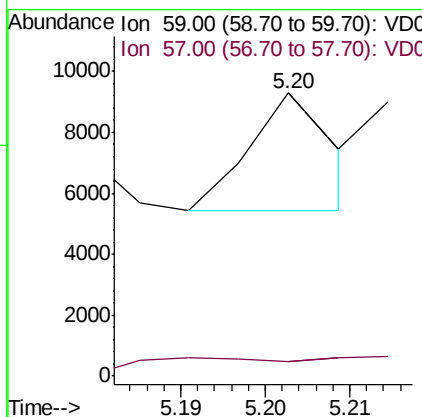
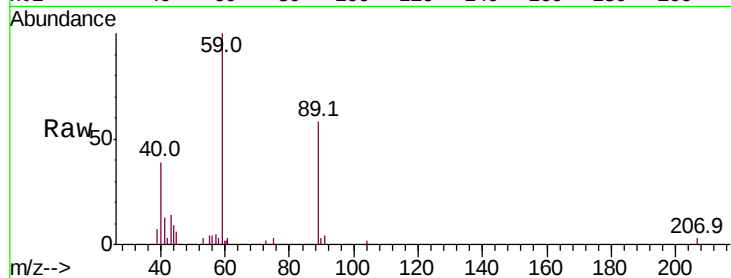


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

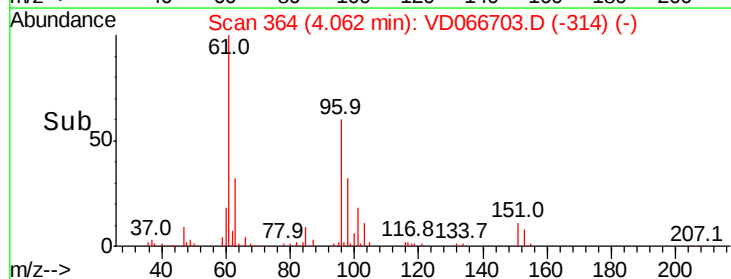
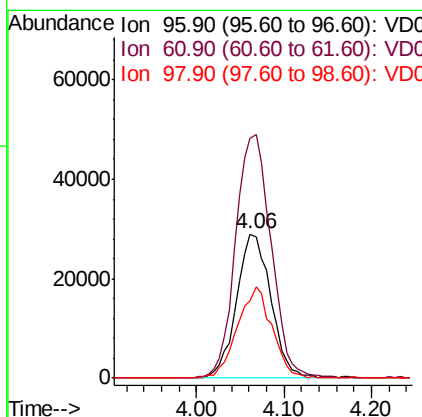
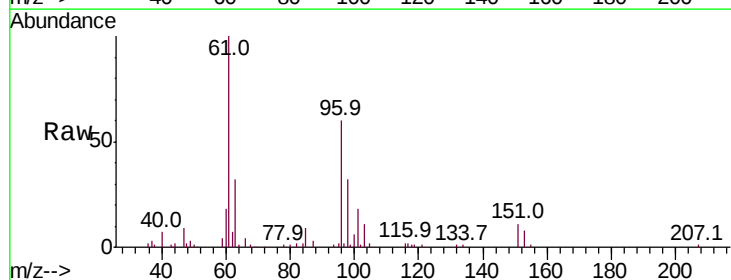
Tot Ion: 59 Resp: 2619
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

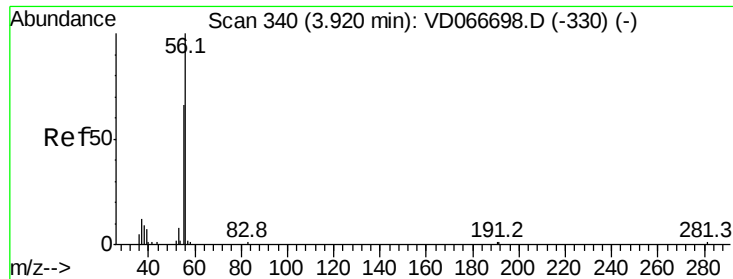


#12

1,1-Dichloroethene
 Concen: 19.445 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 96 Resp: 77132
 Ion Ratio Lower Upper
 96 100
 61 167.0 131.9 197.9
 98 54.0 49.1 73.7





#13

Acrolein

Concen: 101.934 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

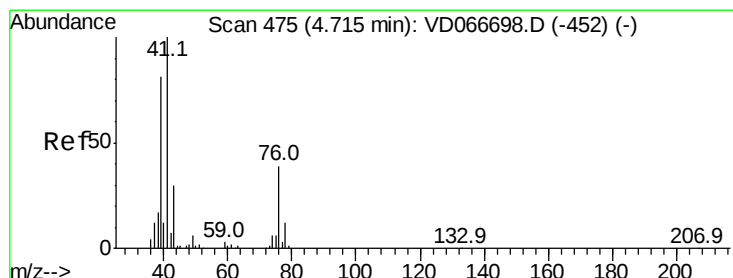
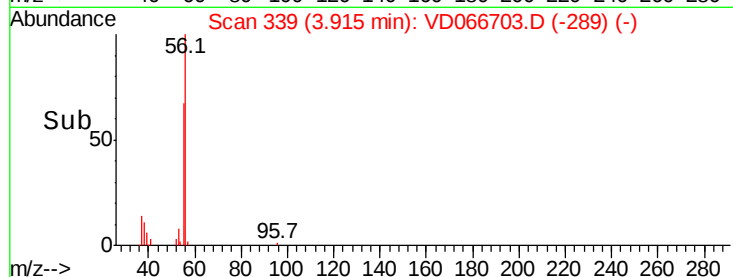
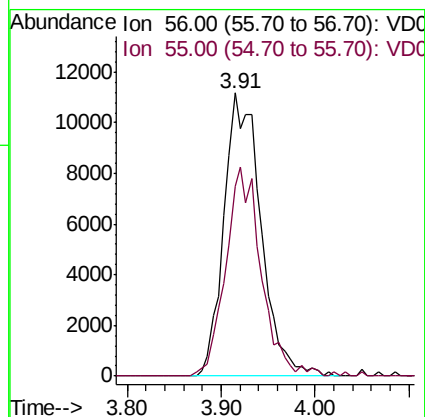
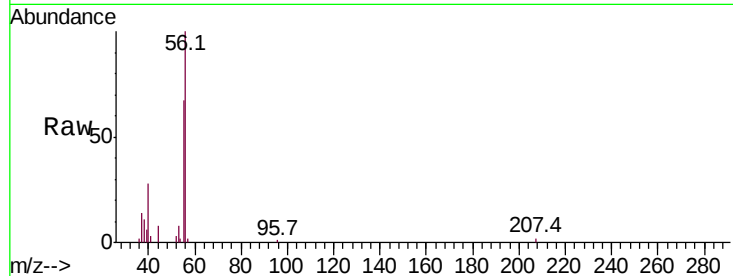
VD0915SBS01

Tot Ion: 56 Resp: 30408

Ion Ratio Lower Upper

56 100

55 69.5 54.7 82.1



#14

Allyl chloride

Concen: 19.418 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

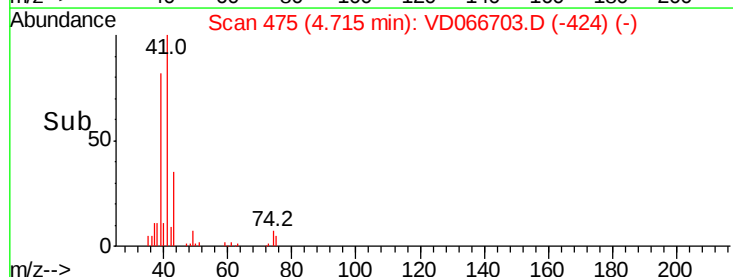
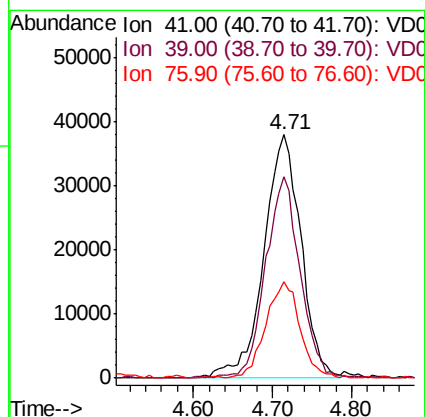
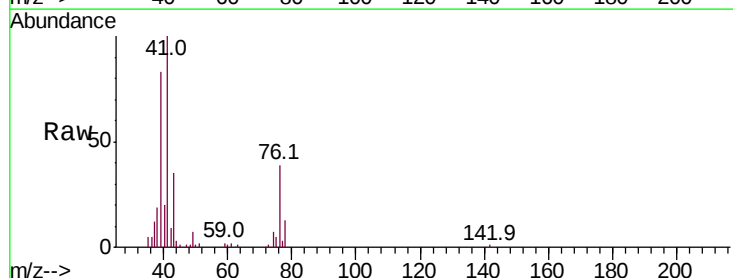
Tgt Ion: 41 Resp: 123703

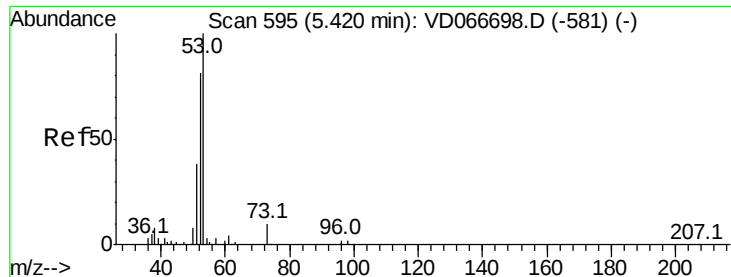
Ion Ratio Lower Upper

41 100

39 77.0 60.6 90.8

76 36.5 29.2 43.8





#15

Acrylonitrile

Concen: 100.507 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

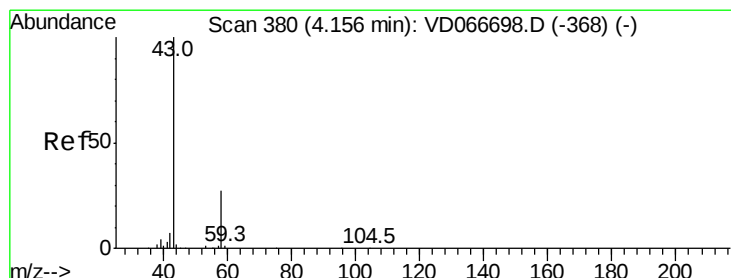
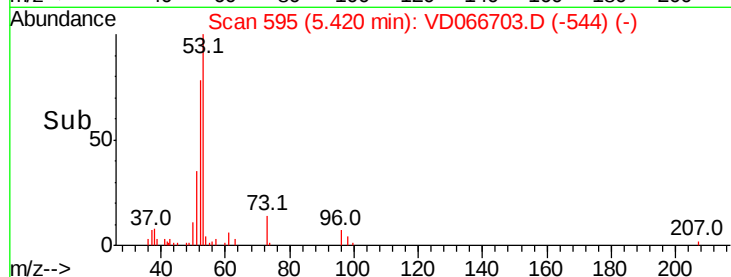
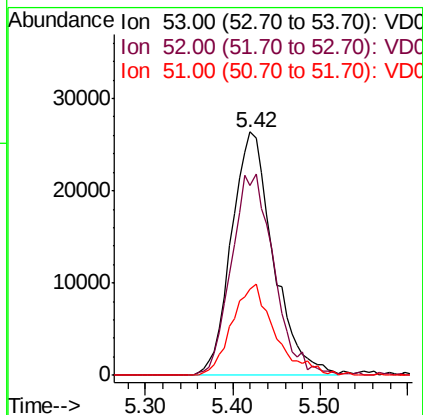
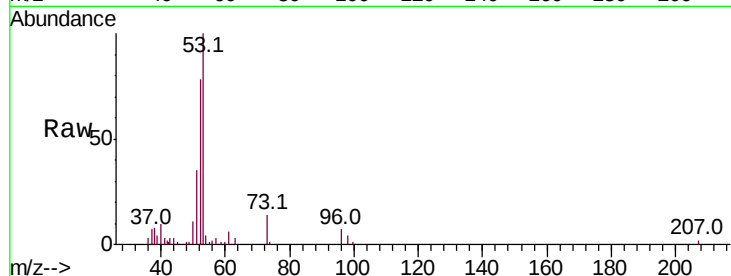
Tot Ion: 53 Resp: 85978

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 38.1 31.0 46.6



#16

Acetone

Concen: 87.591 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066703.D

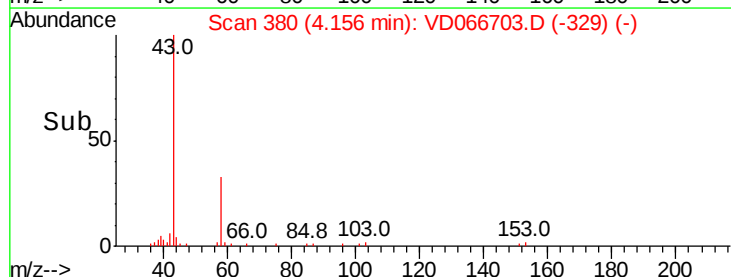
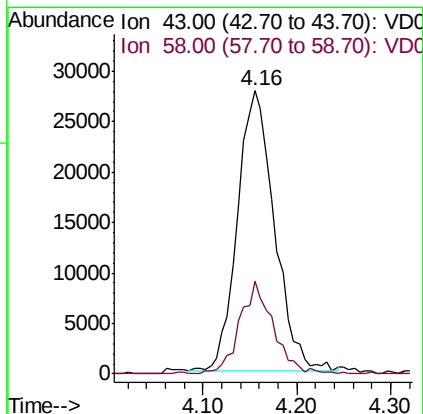
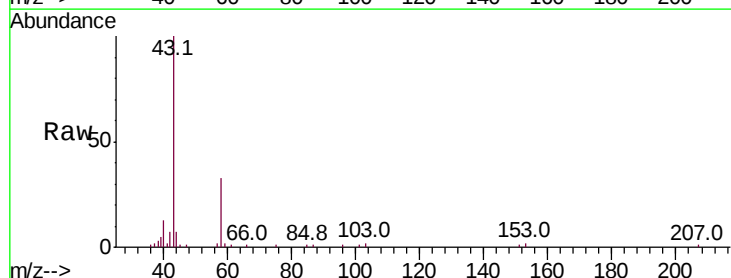
Acq: 15 Sep 2020 18:26

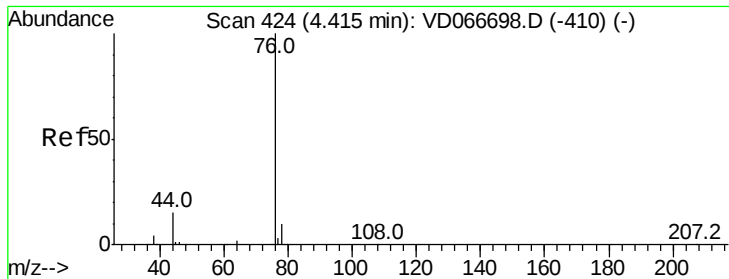
Tgt Ion: 43 Resp: 75445

Ion Ratio Lower Upper

43 100

58 33.0 21.9 32.9#

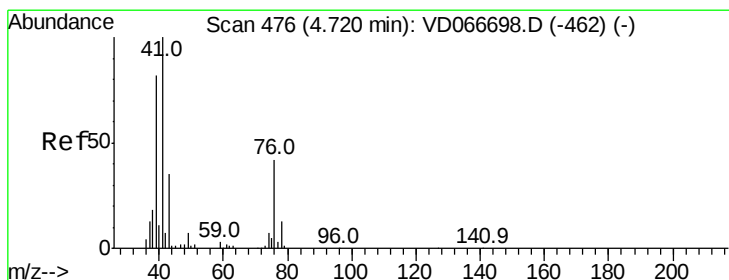
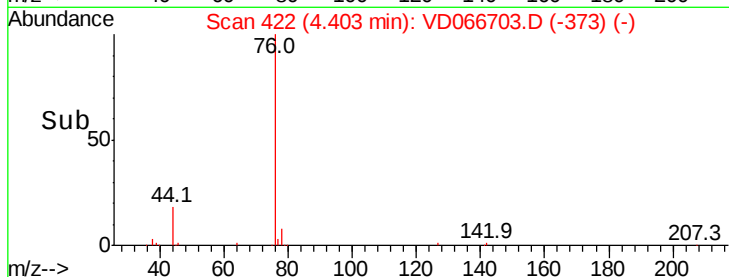
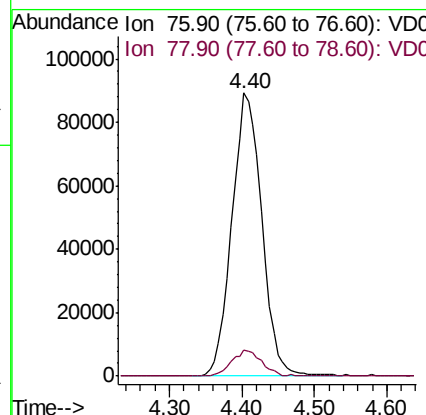
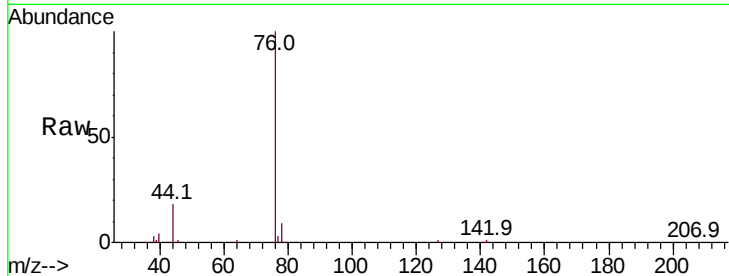




#17
Carbon Disulfide
Concen: 20.467 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

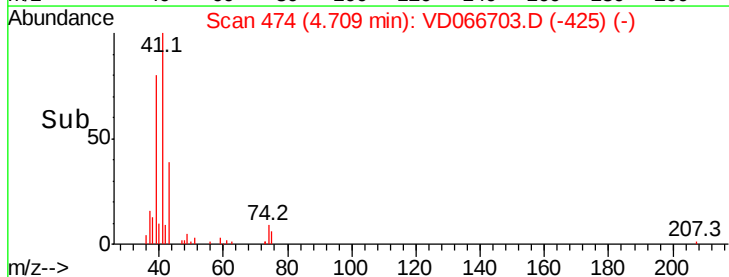
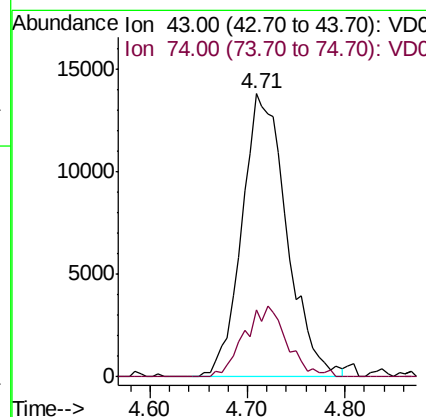
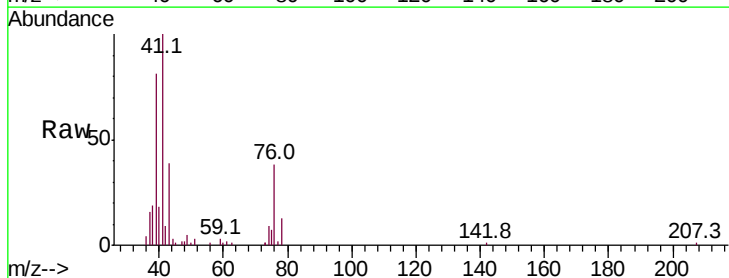
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

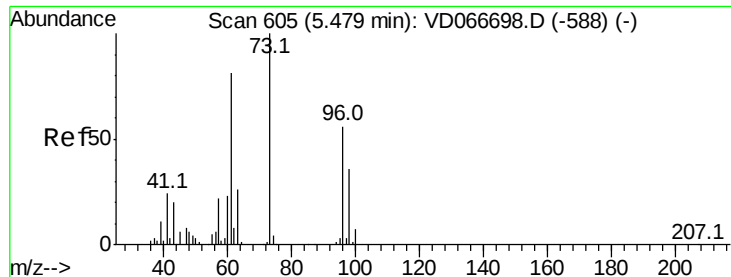
Tot Ion: 76 Resp: 255110
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 22.144 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 43 Resp: 44404
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0

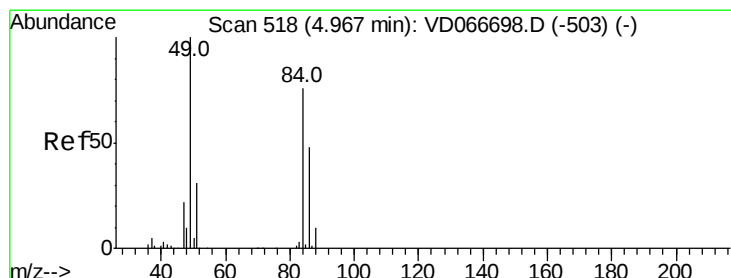
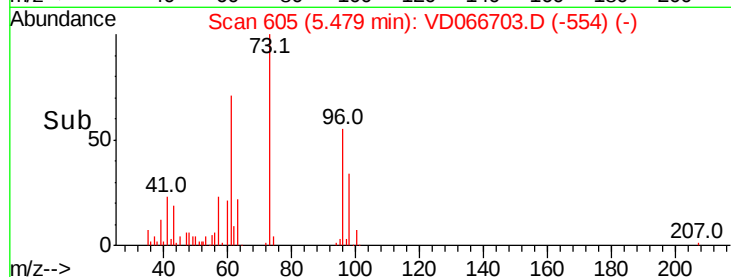
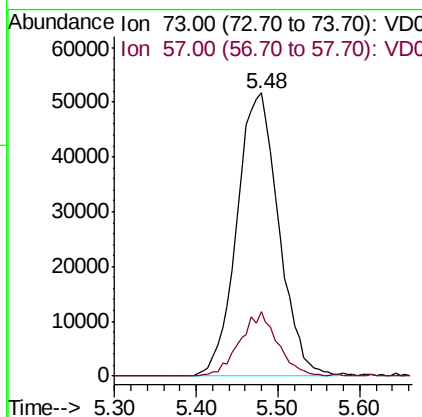
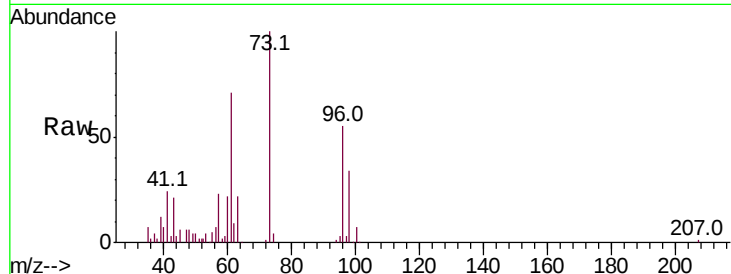




#19
Methvl tert-butvl Ether
Concen: 20.859 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

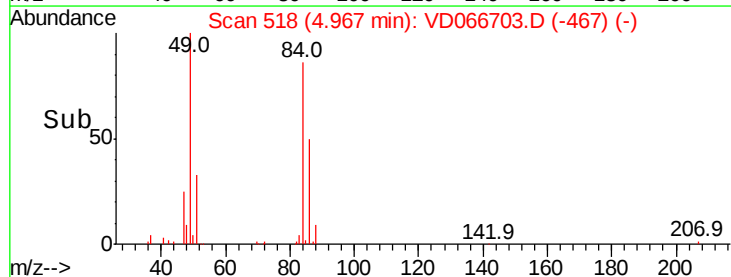
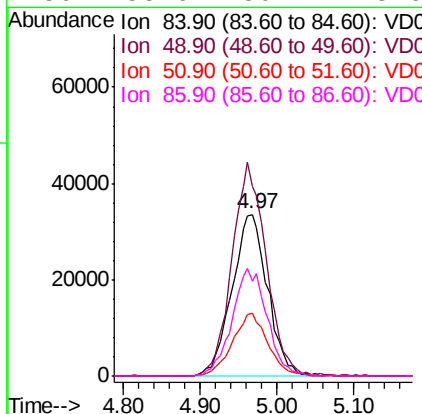
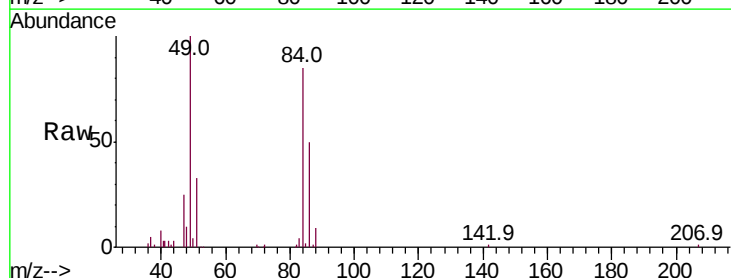
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

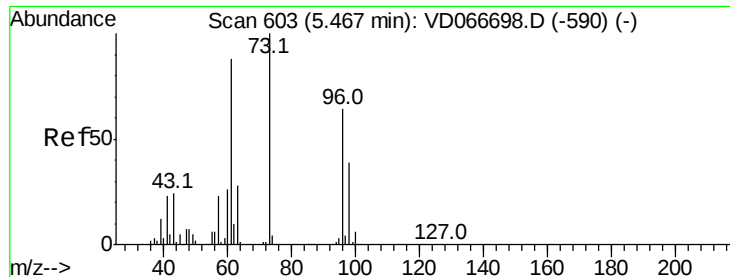
Tot Ion: 73 Resp: 184296
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6



#20
Methylene Chloride
Concen: 18.714 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 84 Resp: 107977
Ion Ratio Lower Upper
84 100
49 117.5 105.0 157.6
51 38.8 32.2 48.4
86 58.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.811 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

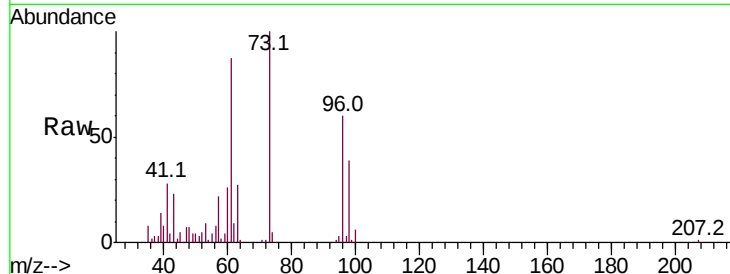
Tot Ion: 96 Resp: 91559

Ion Ratio Lower Upper

96 100

61 145.0 110.6 166.0

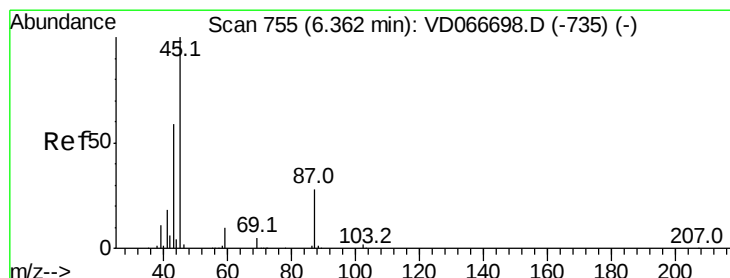
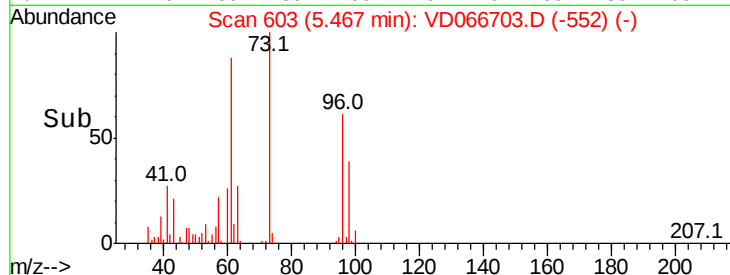
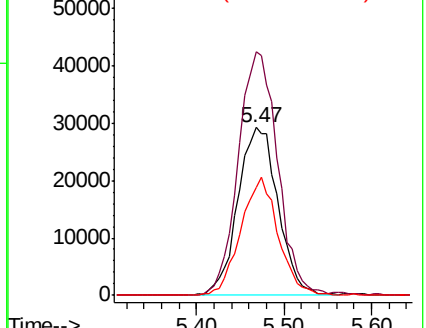
98 64.0 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.588 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Tgt Ion: 45 Resp: 266491

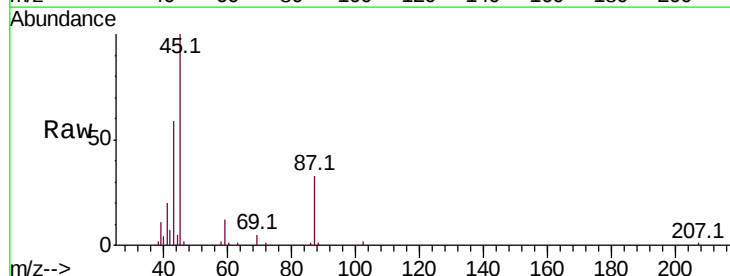
Ion Ratio Lower Upper

45 100

43 58.5 46.9 70.3

87 33.2 22.4 33.6

59 11.8 8.5 12.7

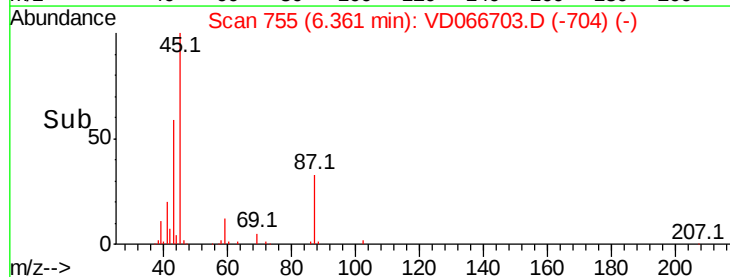
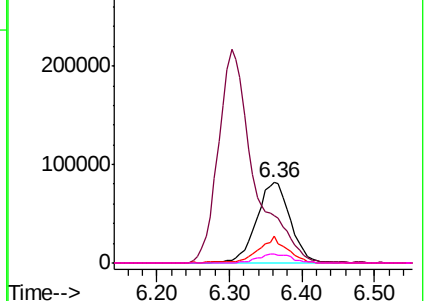


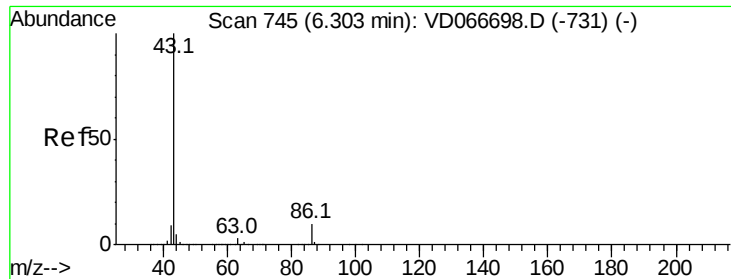
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 103.174 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

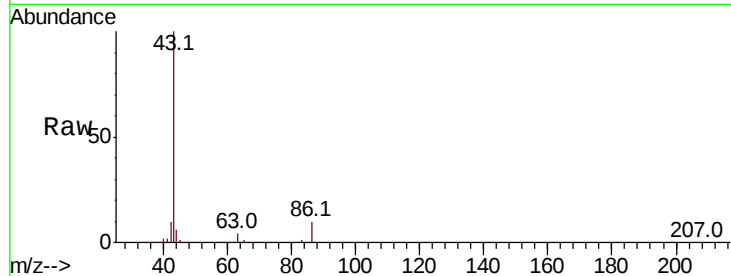
VD0915SBS01

Tot Ion: 43 Resp: 742869

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

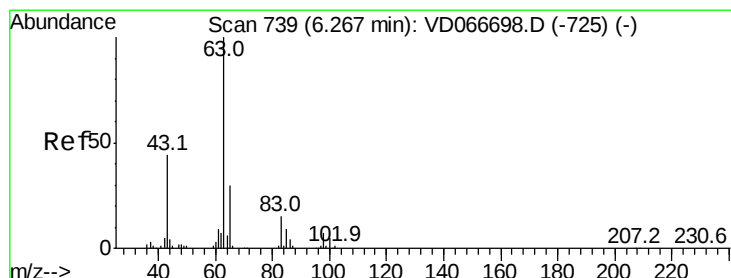
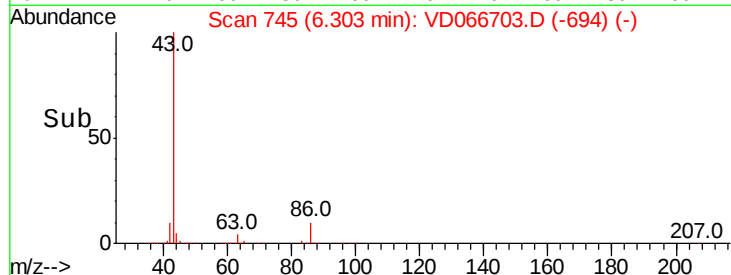
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.959 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

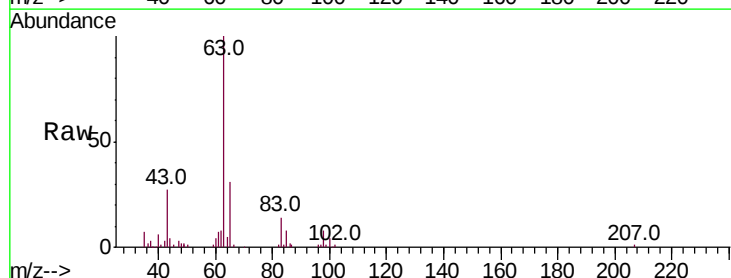
Tgt Ion: 63 Resp: 163943

Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.2

100 4.4 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

60000

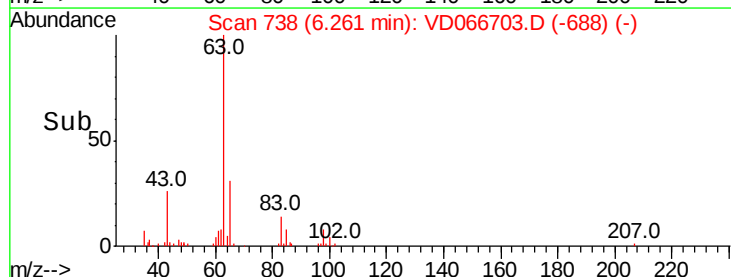
40000

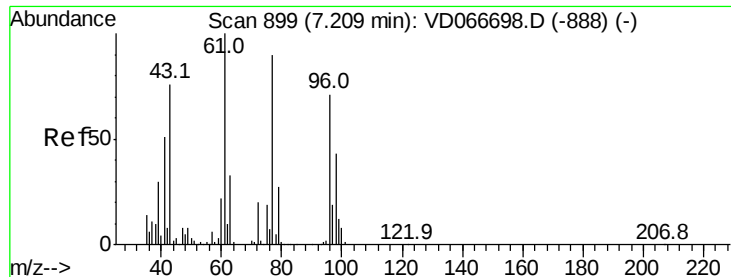
20000

0

6.10 6.20 6.30 6.40

Time-->

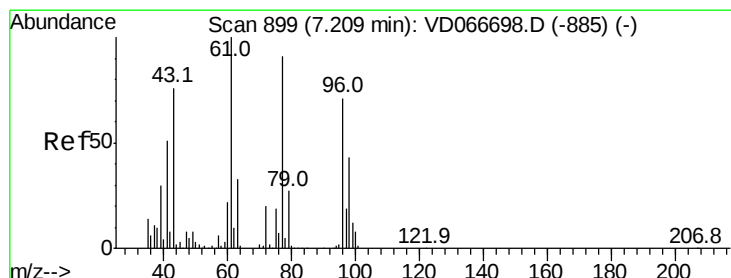
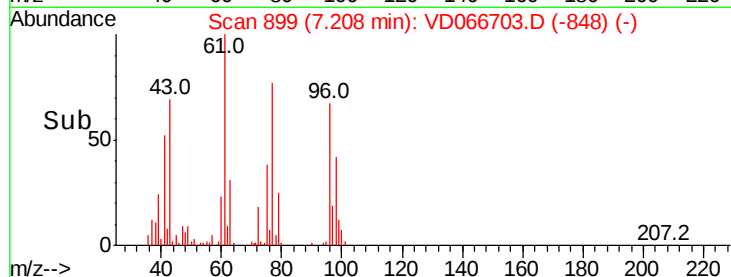
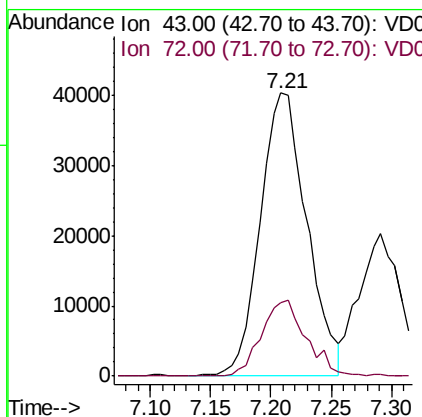
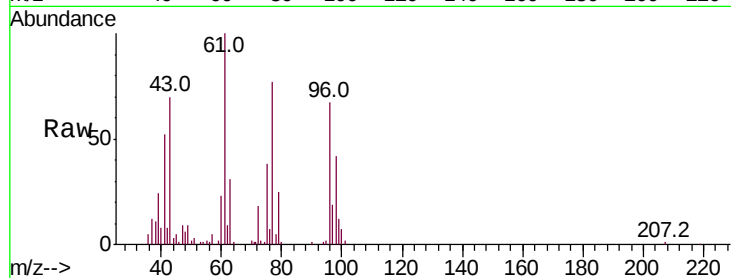




#25
2-Butanone
Concen: 96.291 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

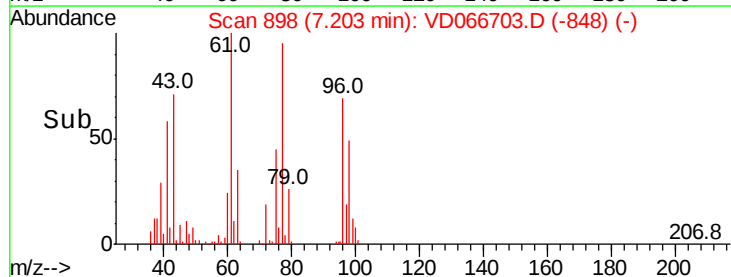
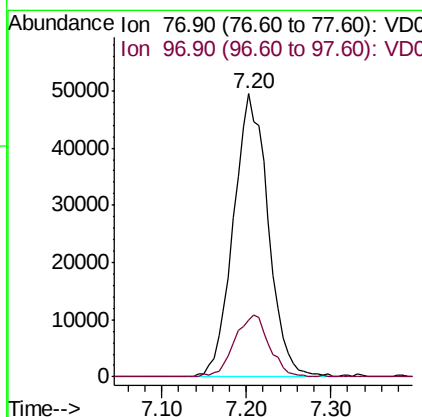
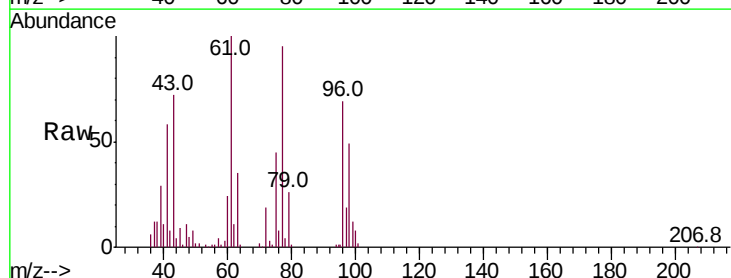
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

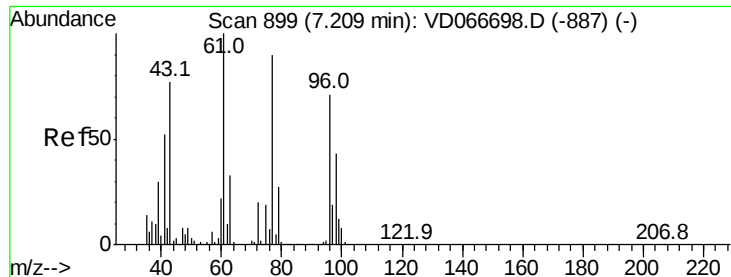
Tot Ion: 43 Resp: 107998
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 18.580 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 77 Resp: 141129
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8



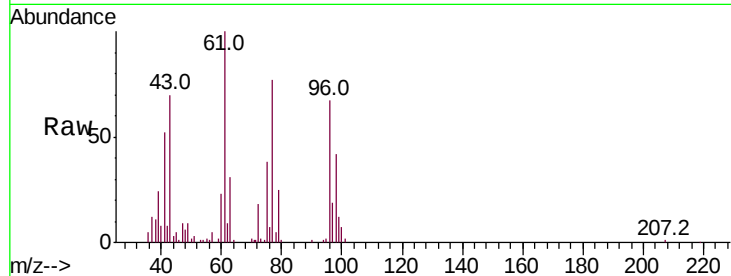


#27

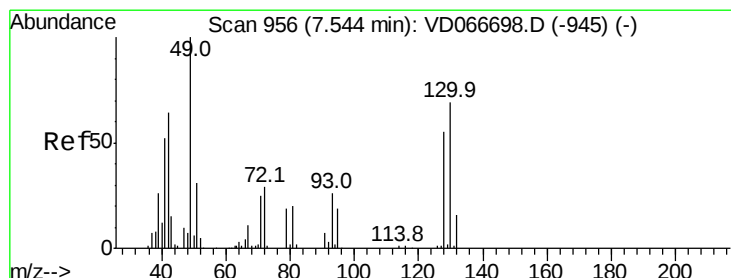
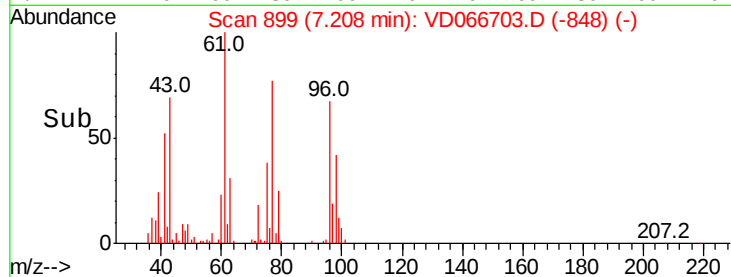
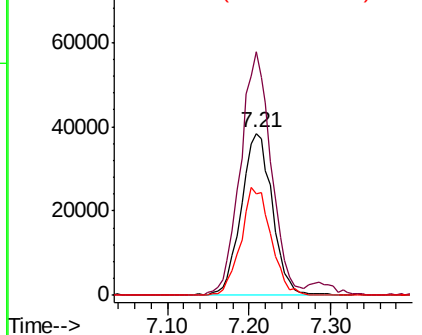
cis-1,2-Dichloroethene
 Concen: 20.104 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Tot Ion	96	Resp	101646
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	292.4
98	64.3	0.0	127.0



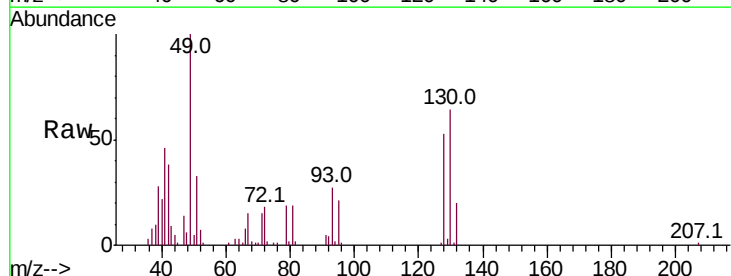
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



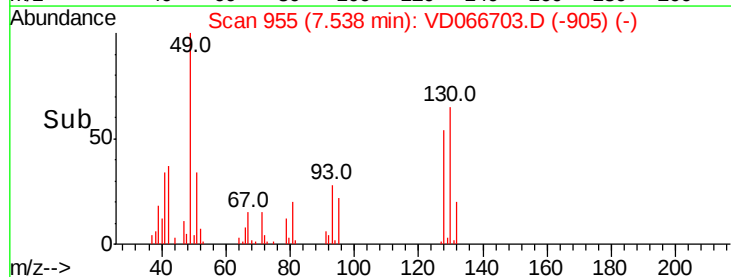
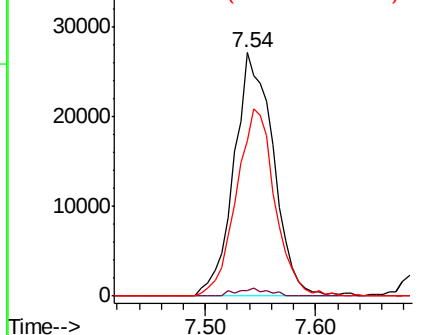
#28

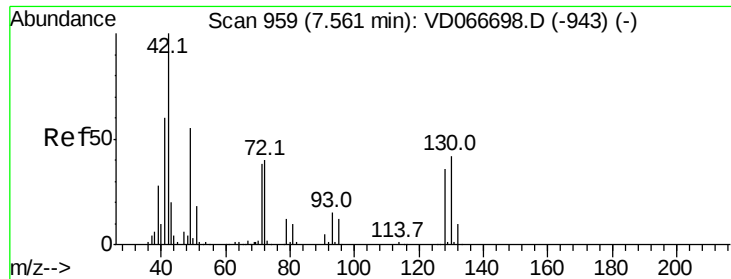
Bromochloromethane
 Concen: 22.114 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion	49	Resp	67847
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	75.7	58.6	88.0



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

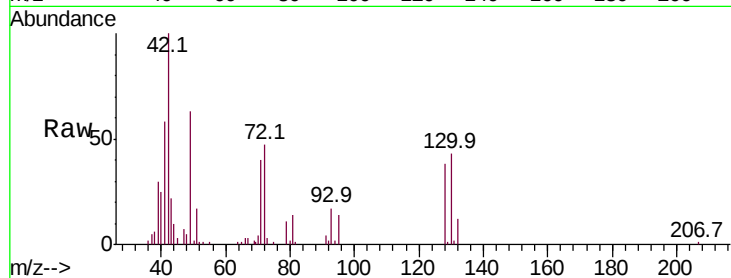




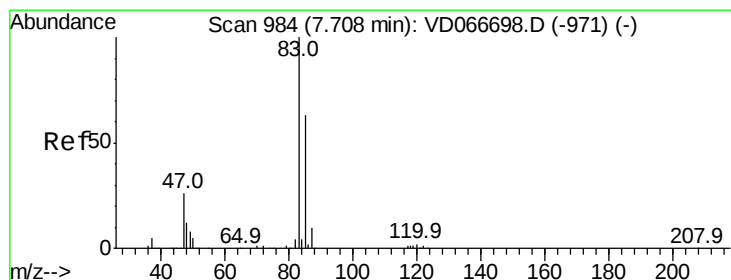
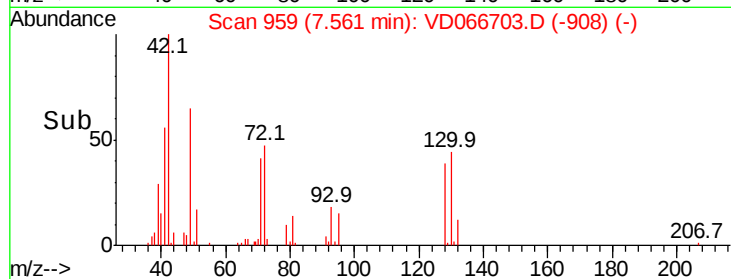
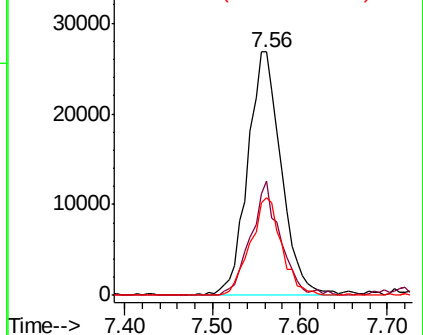
#29
Tetrahydrofuran
Concen: 102.361 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 42 Resp: 70242
Ion Ratio Lower Upper
42 100
72 41.1 32.6 48.8
71 37.5 30.6 45.8

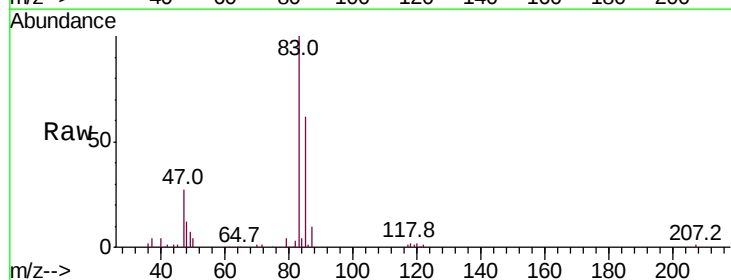


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

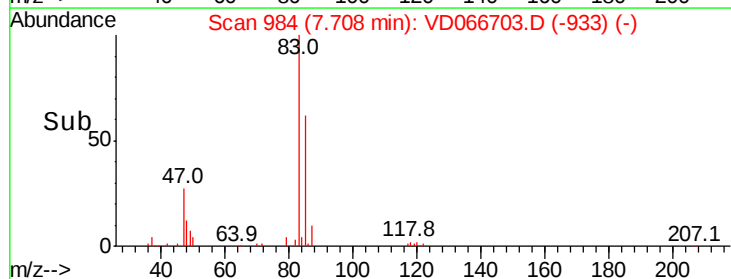
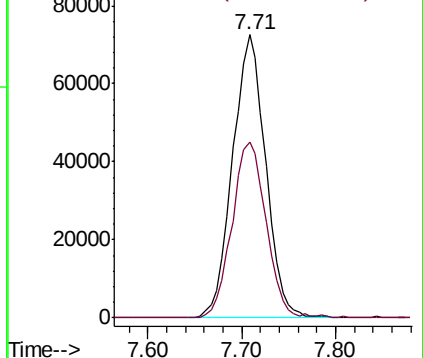


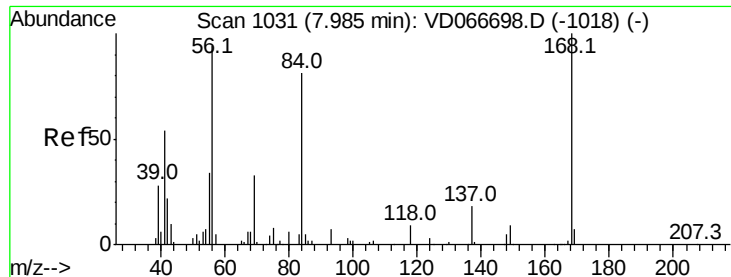
#30
Chloroform
Concen: 20.246 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 83 Resp: 176995
Ion Ratio Lower Upper
83 100
85 62.3 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: 20.328 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

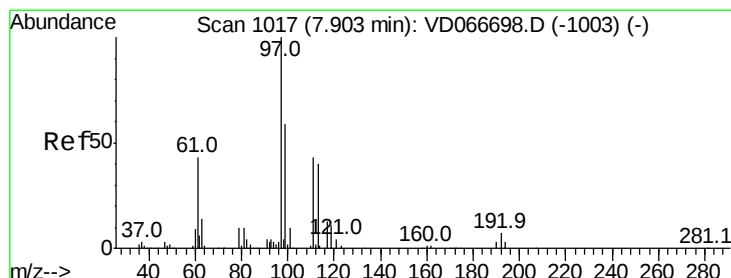
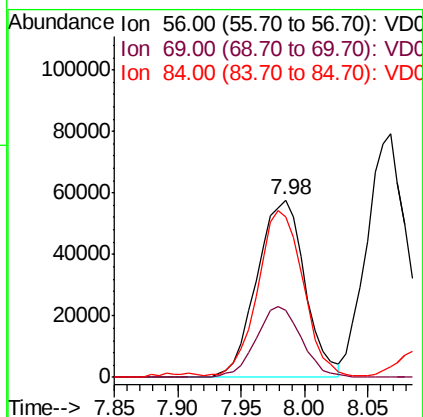
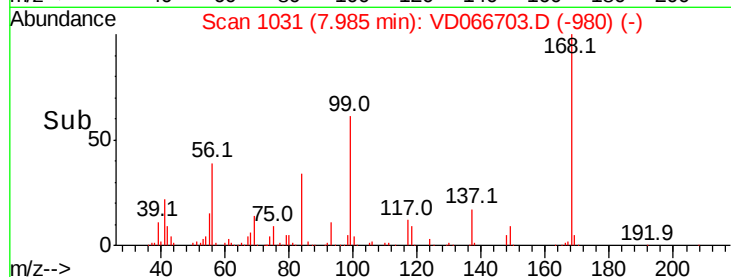
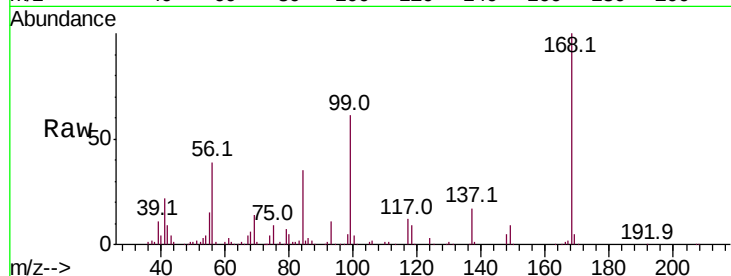
Tot Ion: 56 Resp: 151881

Ion Ratio Lower Upper

56 100

69 37.6 27.7 41.5

84 88.5 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 19.989 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

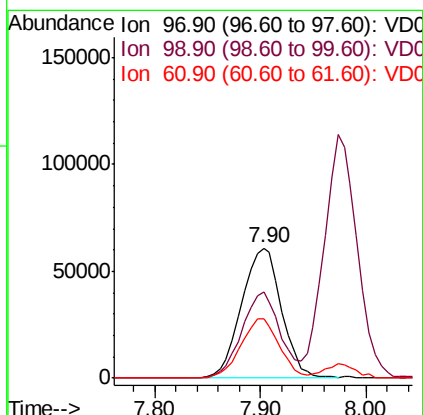
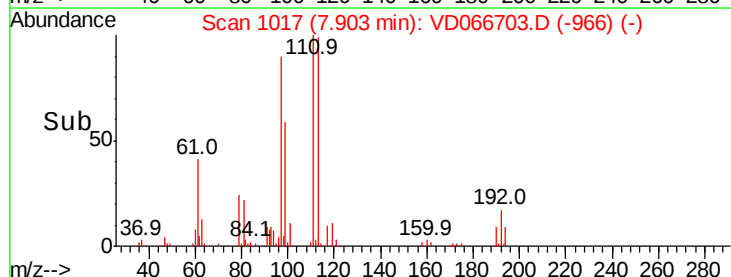
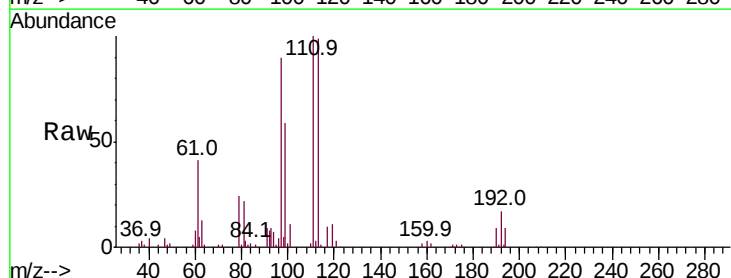
Tgt Ion: 97 Resp: 159901

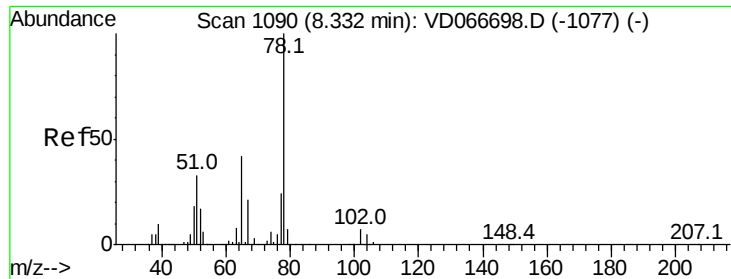
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 43.9 35.2 52.8

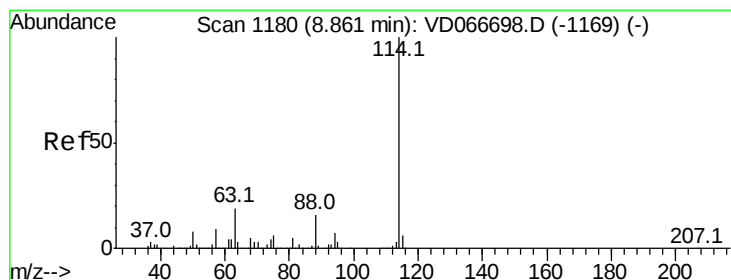
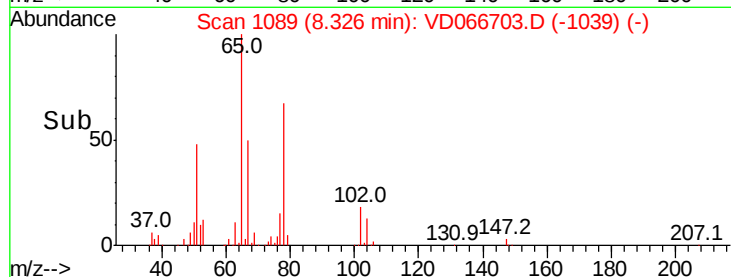
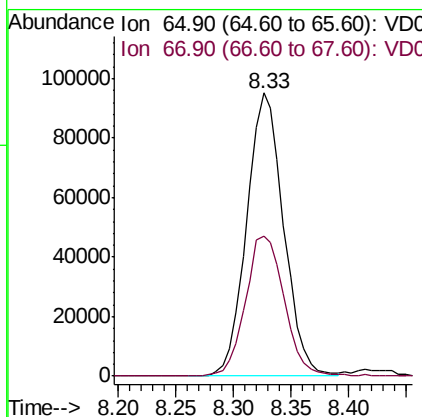
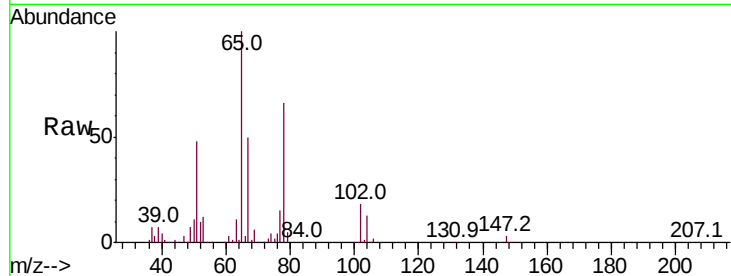




#33
 1,2-Dichloroethane-d4
 Concen: 50.193 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

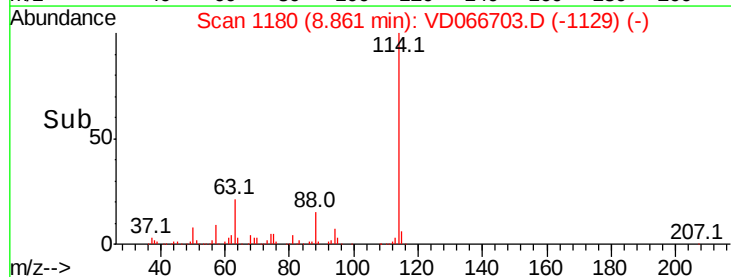
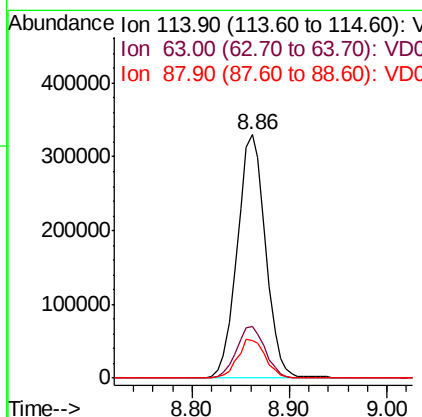
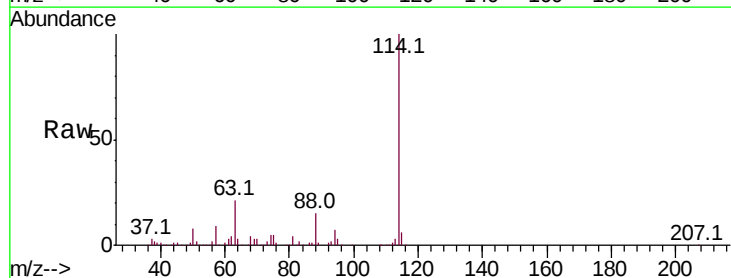
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

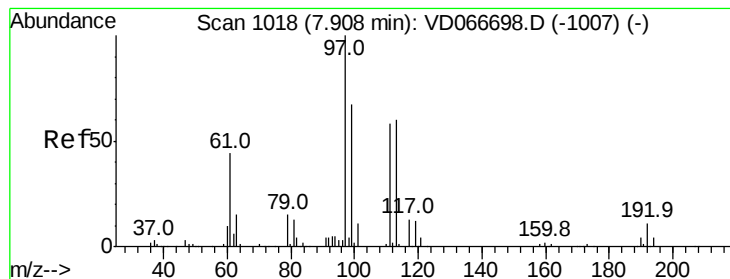
Tot Ion: 65 Resp: 212302
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 114 Resp: 663467
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.6
 88 15.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.894 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

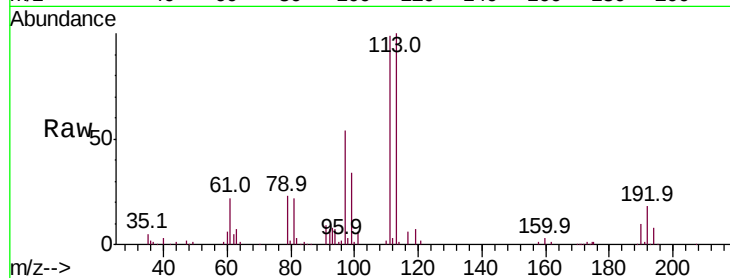
Tot Ion:113 Resp: 202955

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

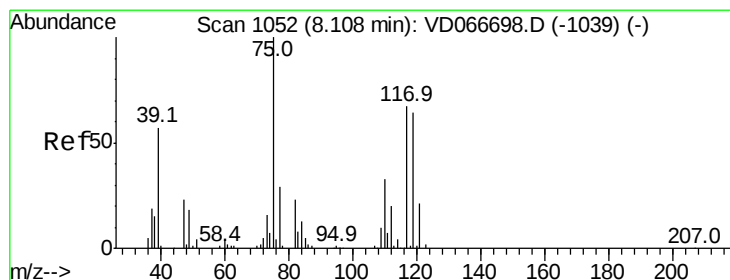
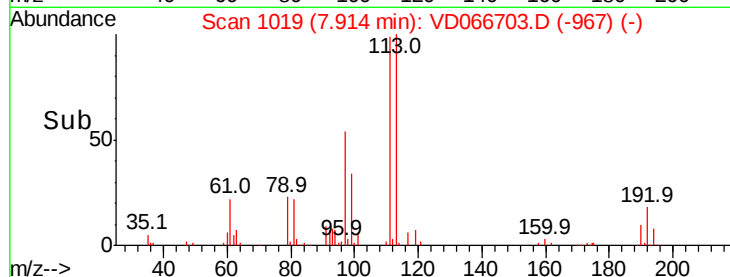
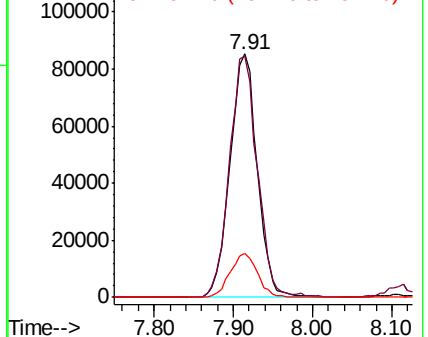
192 18.0 14.8 22.2



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: 19.442 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

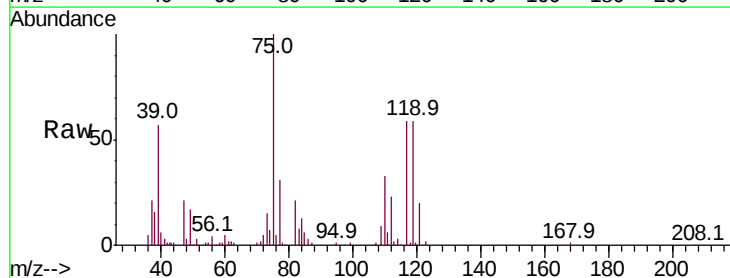
Tgt Ion: 75 Resp: 132623

Ion Ratio Lower Upper

75 100

110 33.3 17.1 51.2

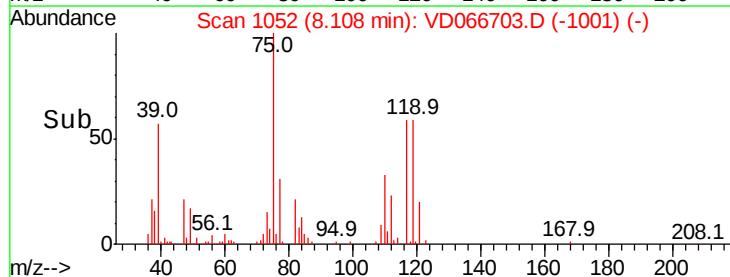
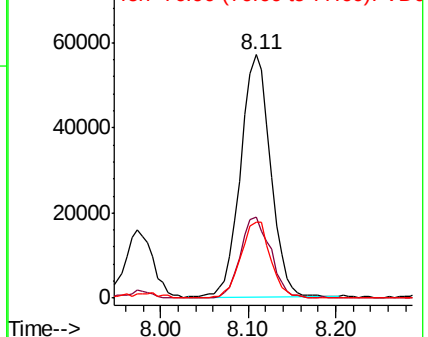
77 31.1 25.0 37.6

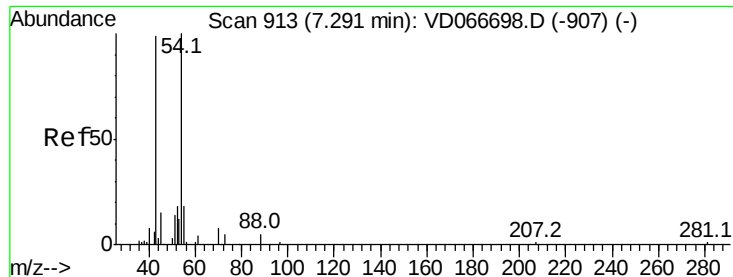


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

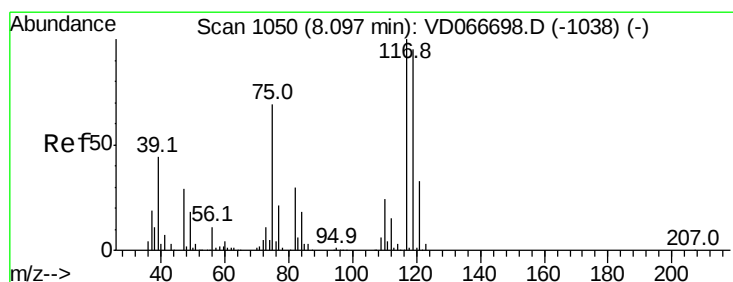
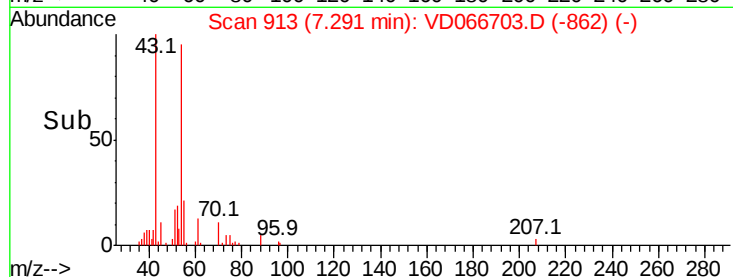
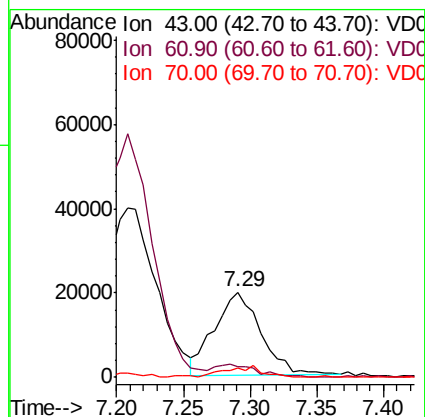
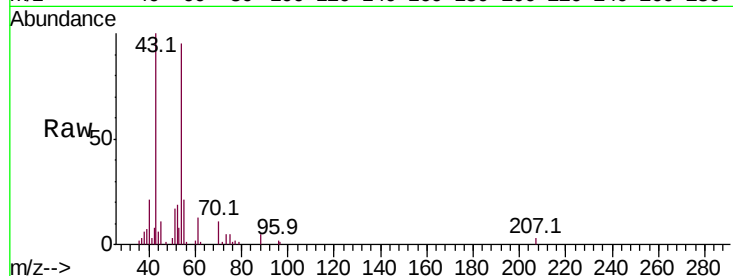




#37
Ethyl Acetate
Concen: 18.870 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

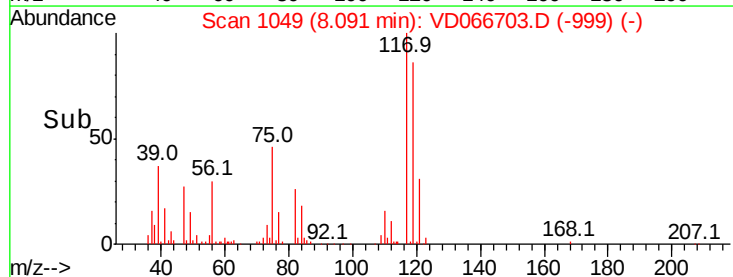
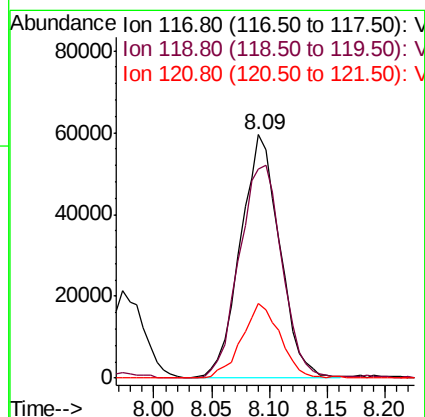
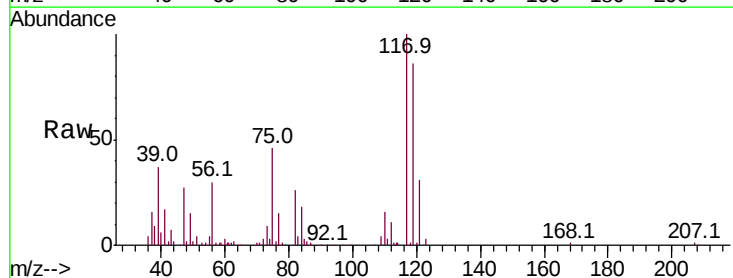
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

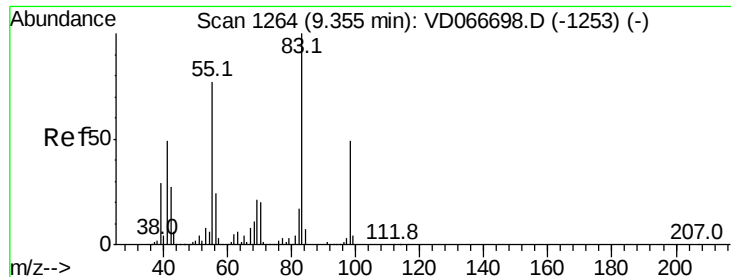
Tot Ion: 43 Resp: 48730
Ion Ratio Lower Upper
43 100
61 14.9 10.4 15.6
70 10.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.460 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 117 Resp: 140967
Ion Ratio Lower Upper
117 100
119 86.1 75.8 113.6
121 30.8 26.2 39.4

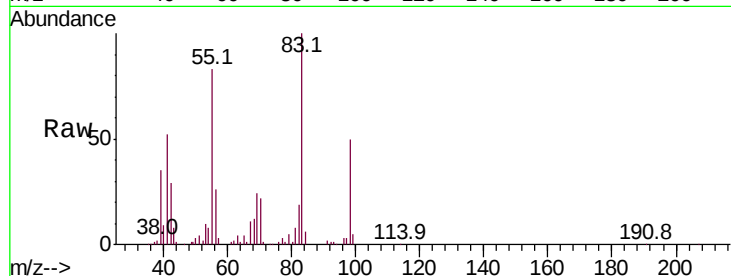




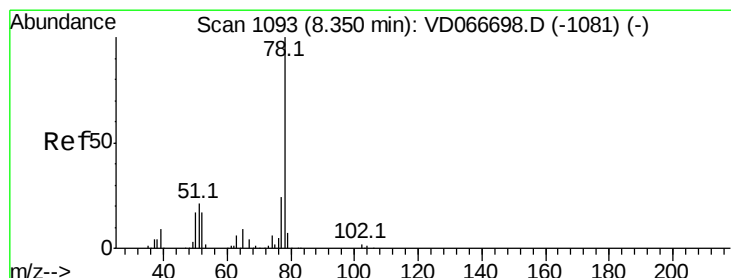
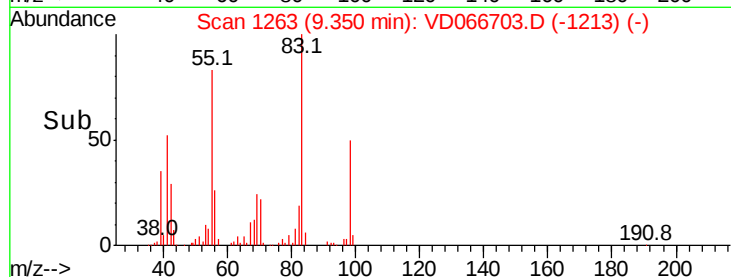
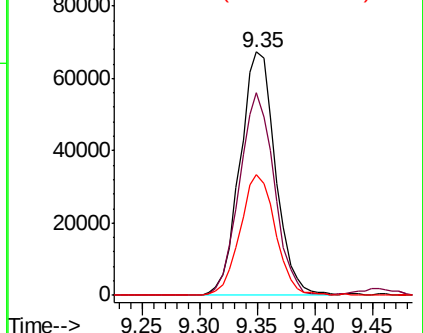
#39
Methvlcvclohexane
Concen: 18.423 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 83 Resp: 143742
Ion Ratio Lower Upper
83 100
55 83.2 61.5 92.3
98 49.8 39.3 58.9

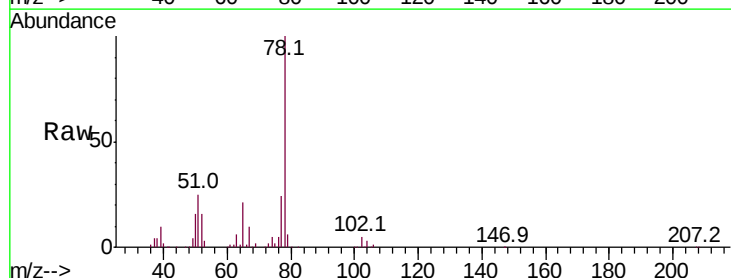


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

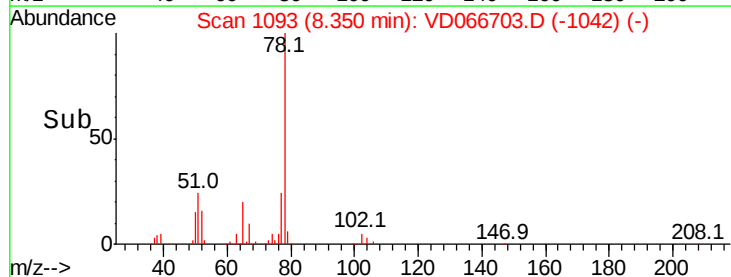
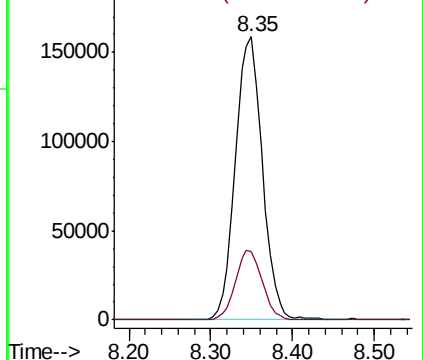


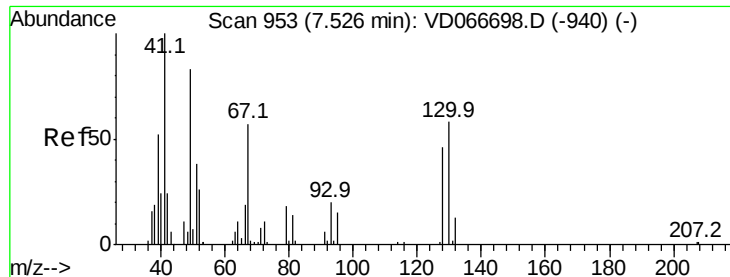
#40
Benzene
Concen: 19.901 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 78 Resp: 367269
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



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

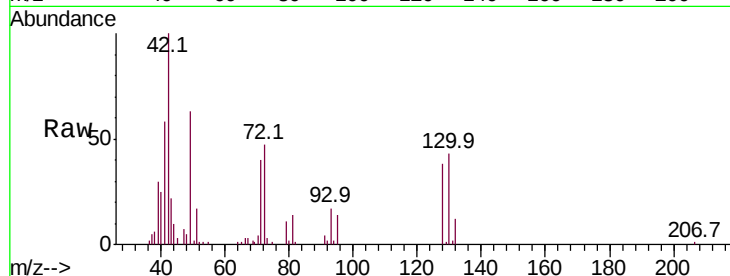




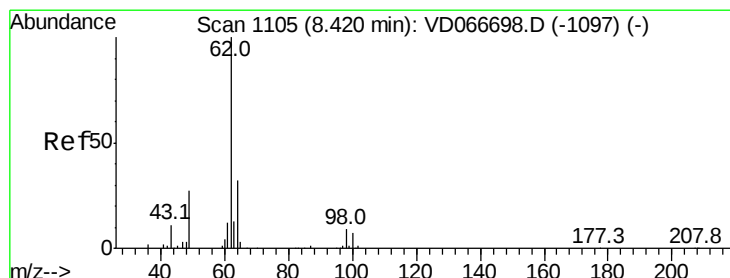
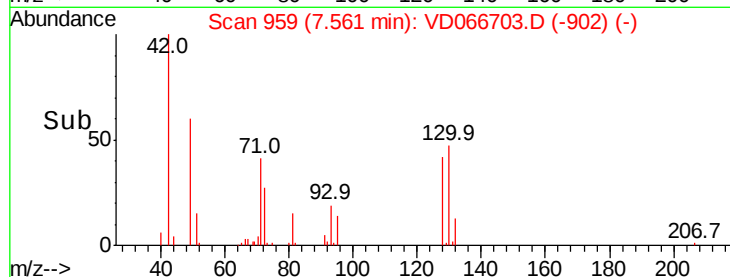
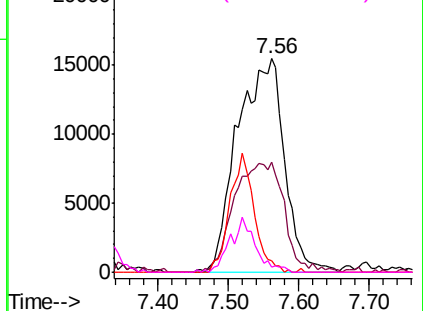
#41
Methacrylonitrile
Concen: 52.332 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 41 Resp: 71546
Ion Ratio Lower Upper
41 100
39 54.7 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#

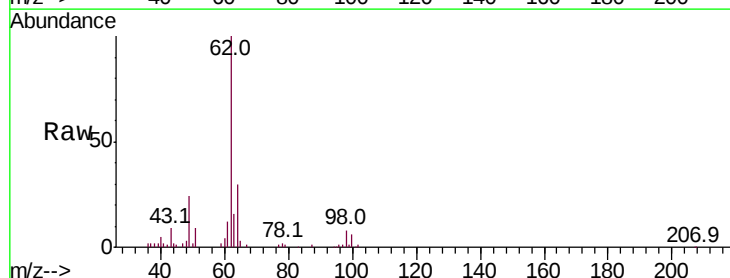


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

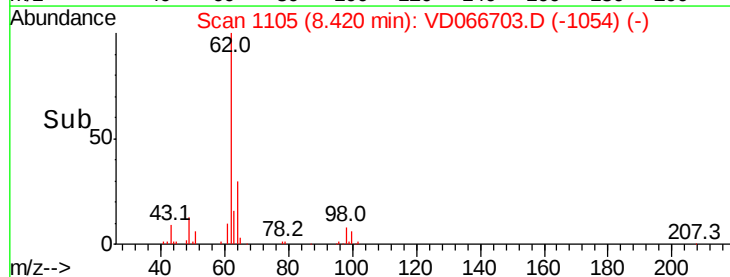
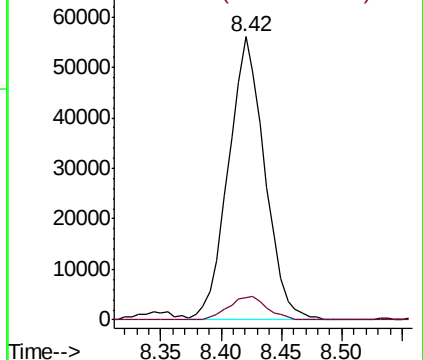


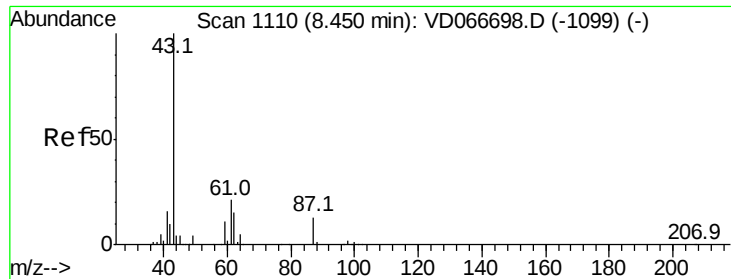
#42
1,2-Dichloroethane
Concen: 20.563 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 62 Resp: 117566
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 20.179 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

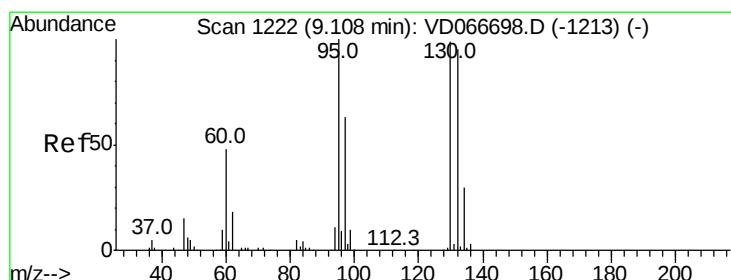
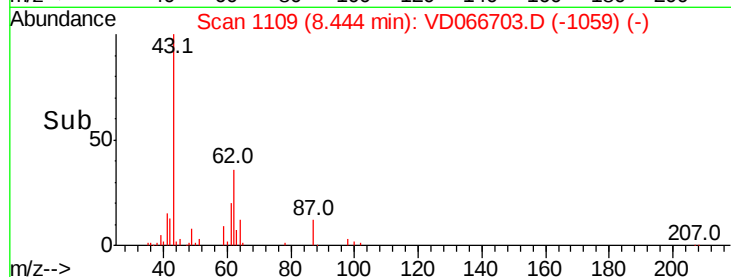
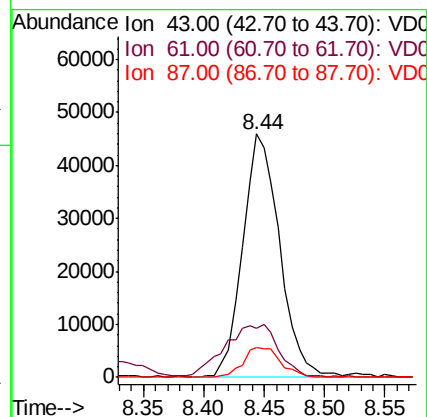
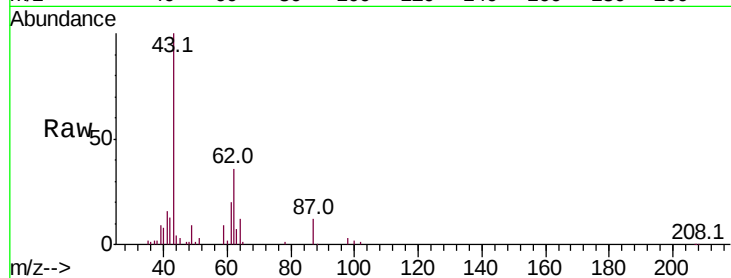
Tot Ion: 43 Resp: 98081

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

87 12.6 10.4 15.6



#44

Trichloroethene

Concen: 19.718 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066703.D

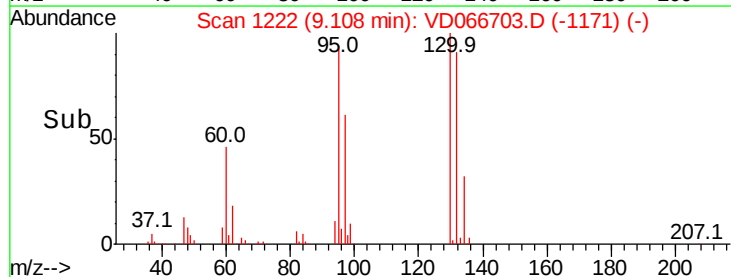
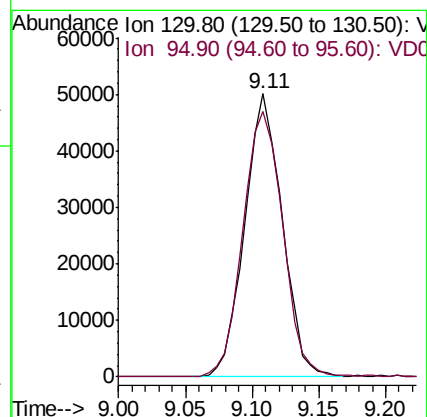
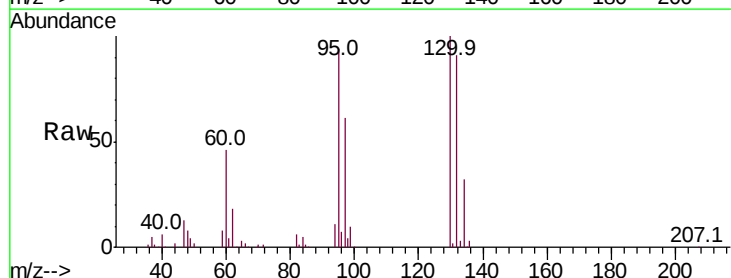
Acq: 15 Sep 2020 18:26

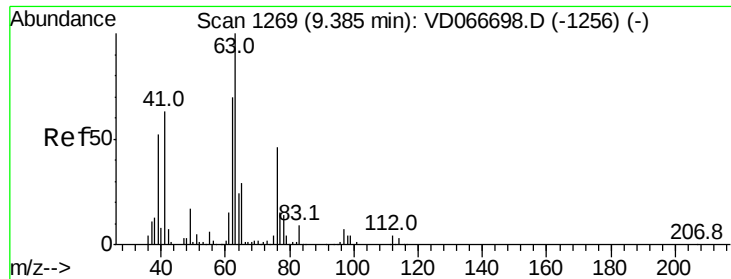
Tgt Ion:130 Resp: 97295

Ion Ratio Lower Upper

130 100

95 93.6 0.0 201.4





#45

1,2-Dichloropropane

Concen: 19.786 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

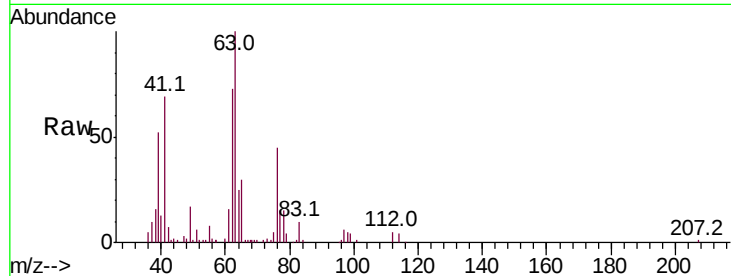
VD0915SBS01

Tot Ion: 63 Resp: 90270

Ion Ratio Lower Upper

63 100

65 30.5 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

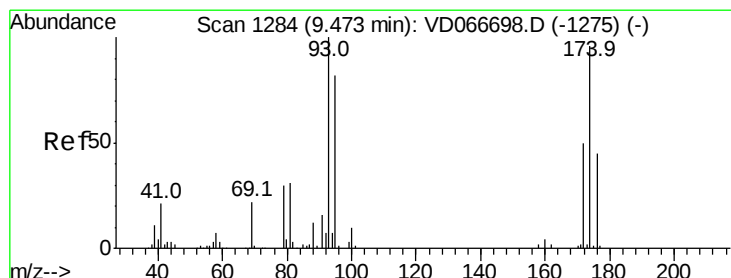
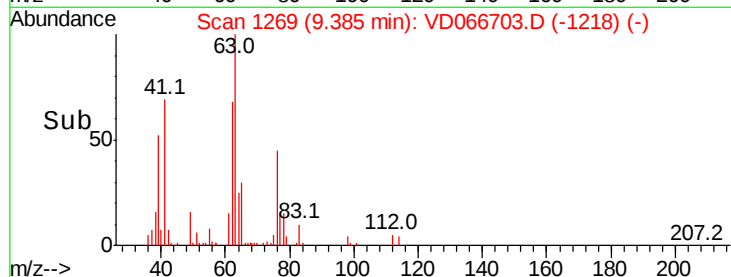
30000

20000

10000

0

Time--> 9.30 9.40 9.50



#46

Dibromomethane

Concen: 20.039 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

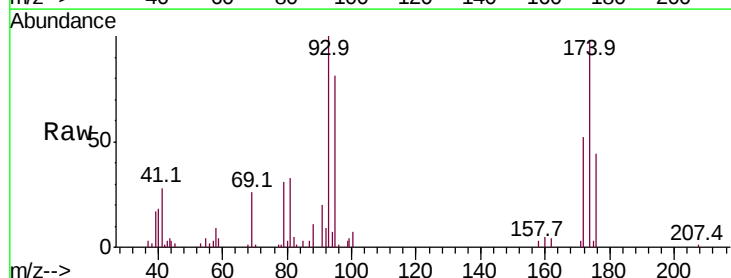
Tgt Ion: 93 Resp: 50239

Ion Ratio Lower Upper

93 100

95 83.7 66.0 99.0

174 90.9 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

9.47

30000

25000

20000

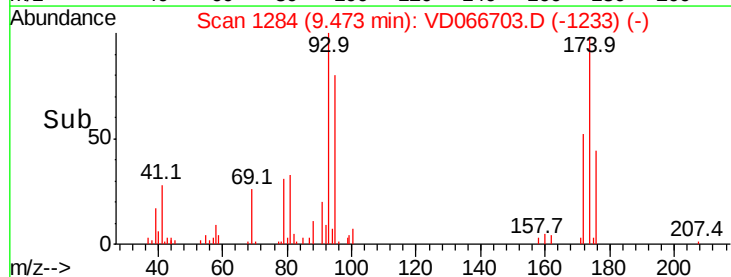
15000

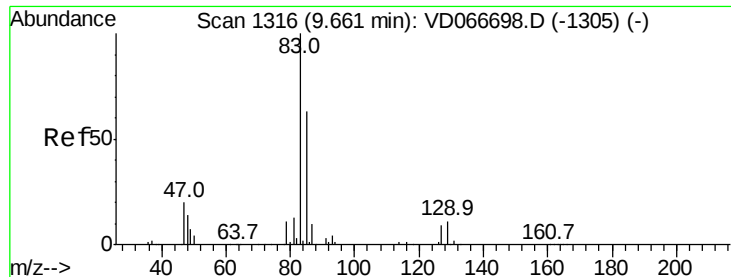
10000

5000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 19.835 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

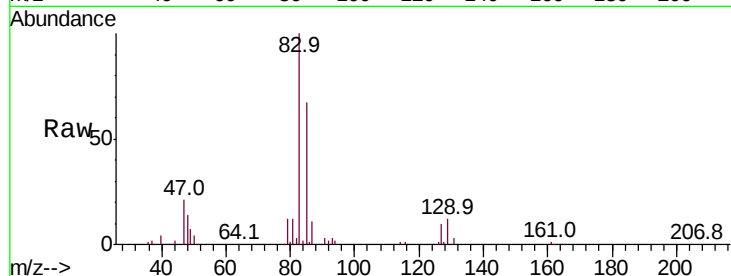
Tot Ion: 83 Resp: 135501

Ion Ratio Lower Upper

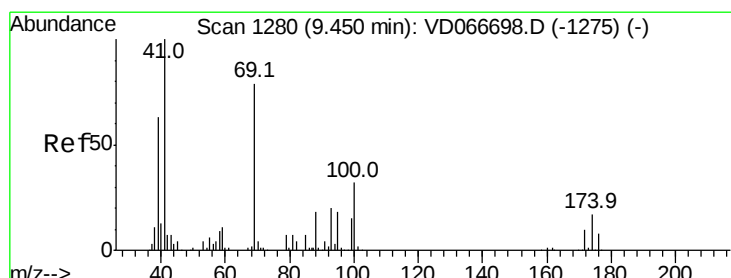
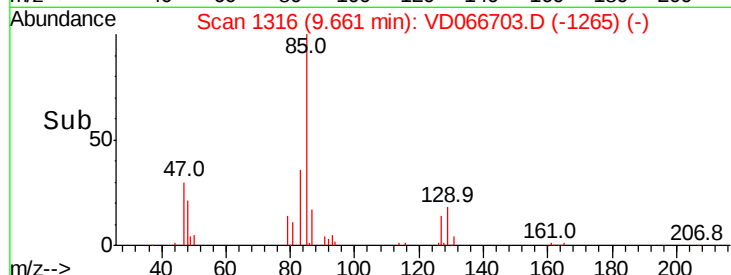
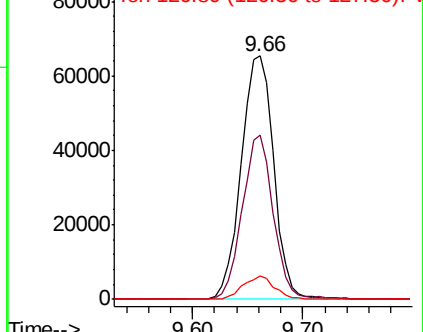
83 100

85 67.3 50.1 75.1

127 9.7 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: 19.022 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

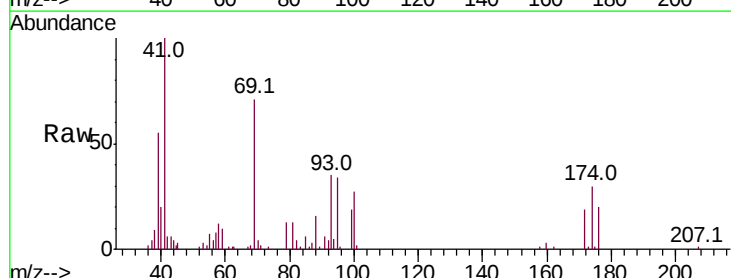
Tgt Ion: 41 Resp: 47030

Ion Ratio Lower Upper

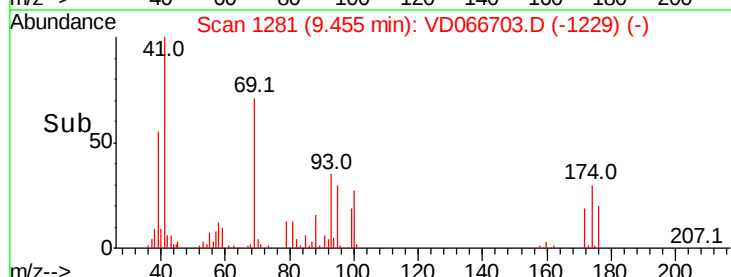
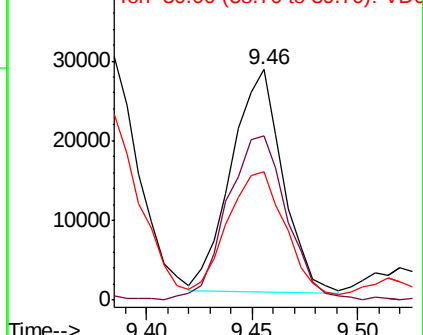
41 100

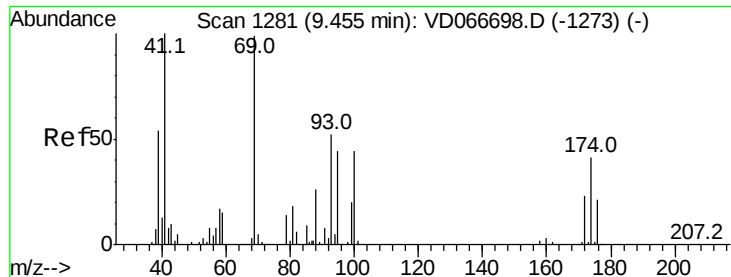
69 85.7 62.4 93.6

39 62.0 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: 402.570 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

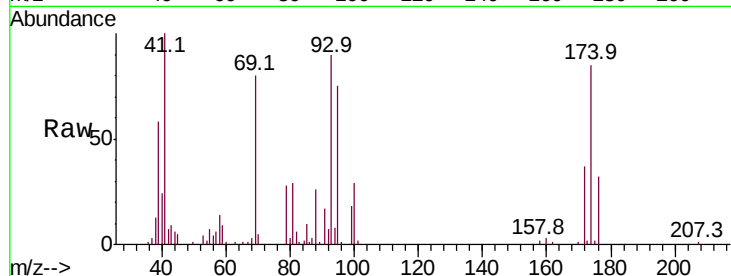
Tot Ion: 88 Resp: 10811

Ion Ratio Lower Upper

88 100

43 36.0 29.3 43.9

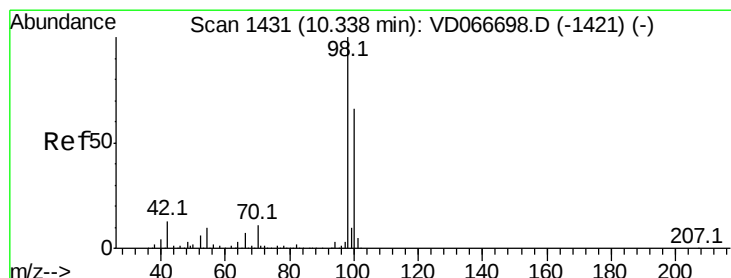
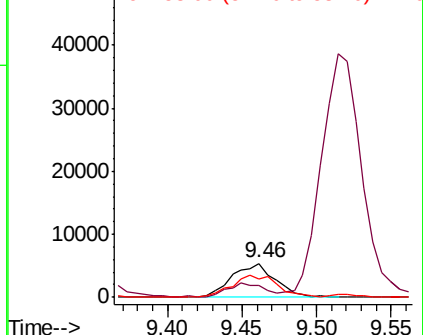
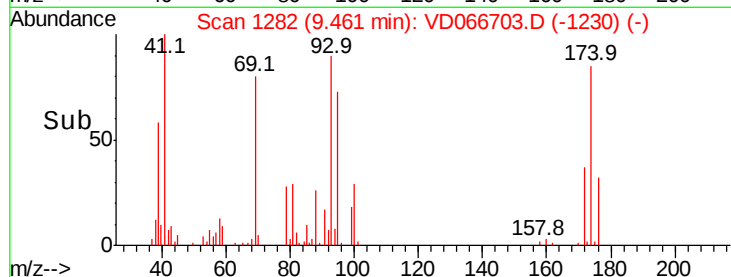
58 69.6 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.041 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066703.D

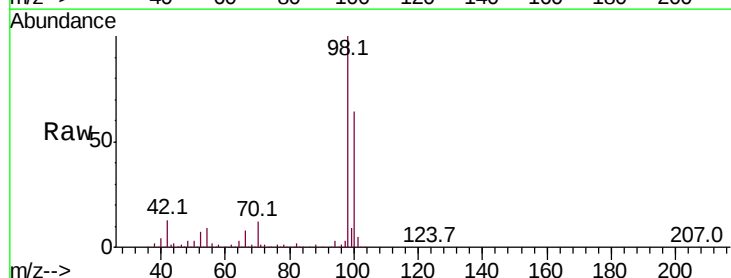
Acq: 15 Sep 2020 18:26

Tgt Ion: 98 Resp: 739700

Ion Ratio Lower Upper

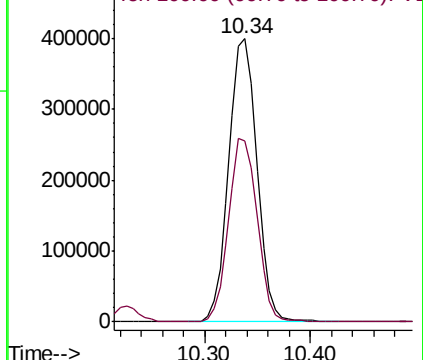
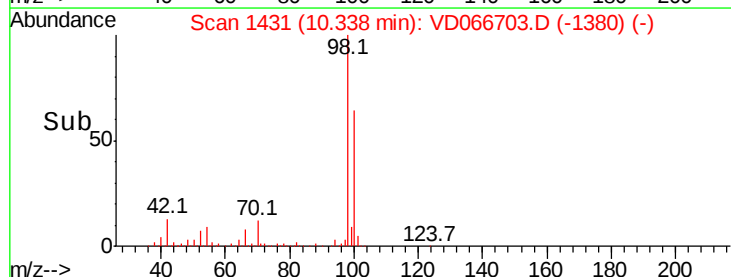
98 100

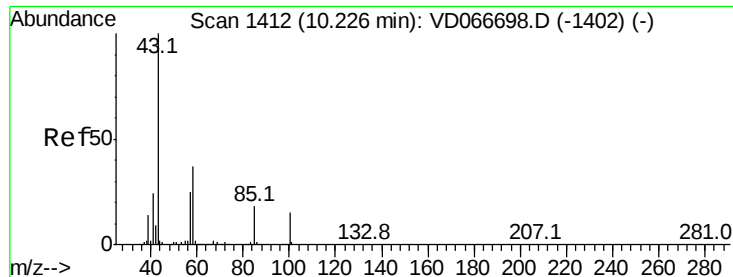
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 99.966 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

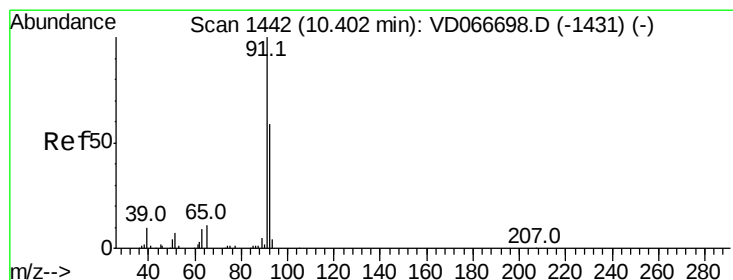
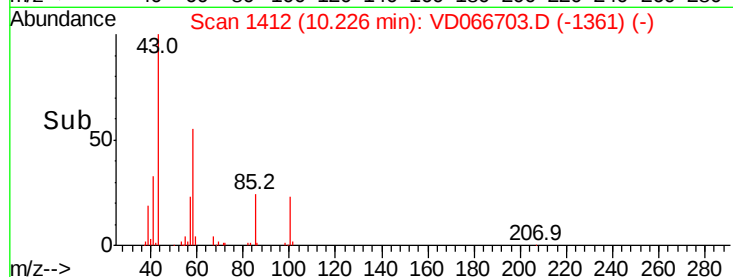
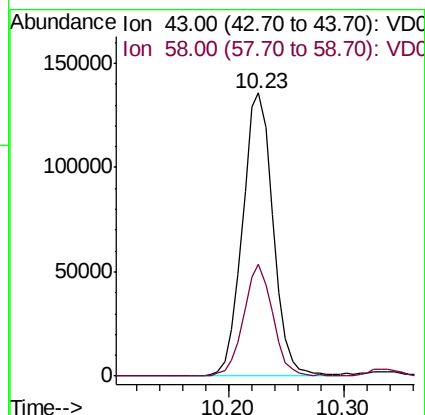
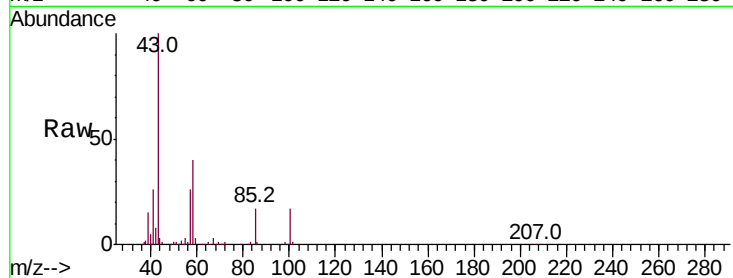
VD0915SBS01

Tot Ion: 43 Resp: 250158

Ion Ratio Lower Upper

43 100

58 37.7 30.4 45.6



#52

Toluene

Concen: 19.690 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066703.D

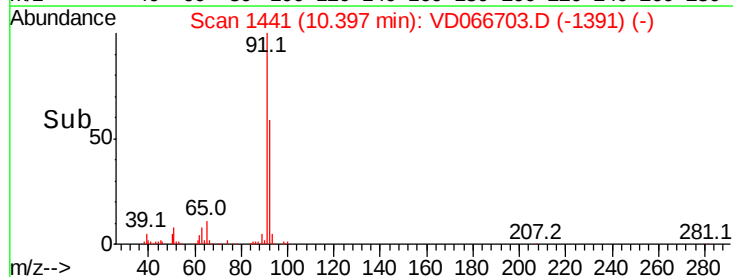
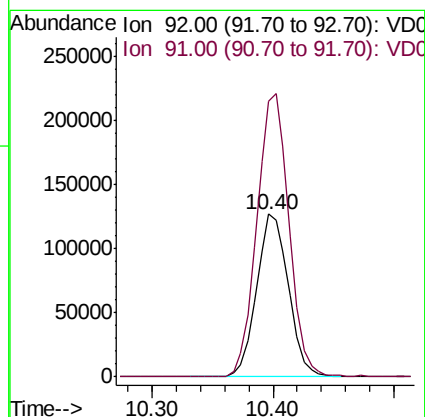
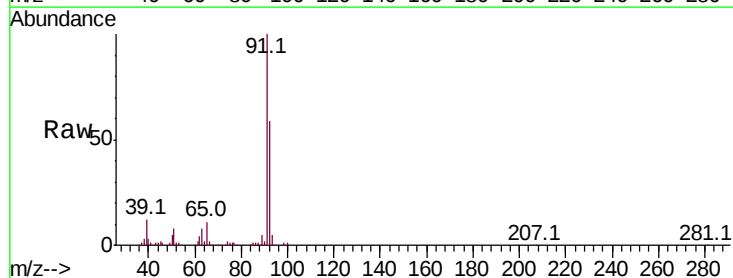
Acq: 15 Sep 2020 18:26

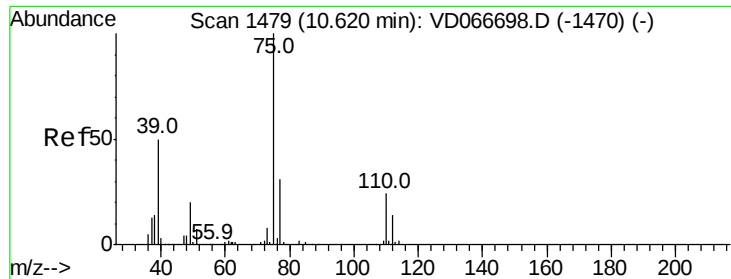
Tgt Ion: 92 Resp: 232787

Ion Ratio Lower Upper

92 100

91 175.7 135.8 203.8

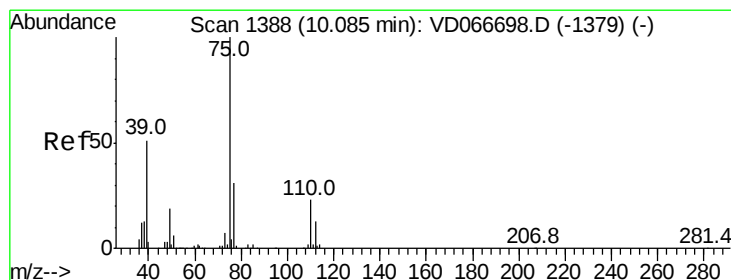
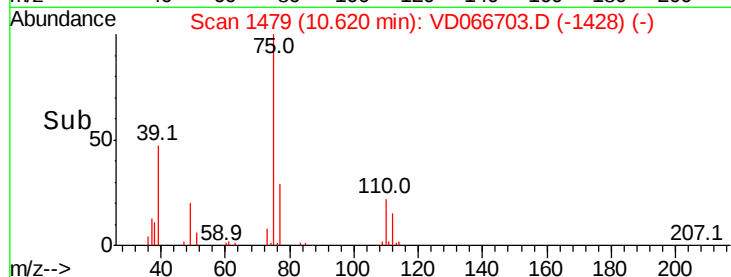
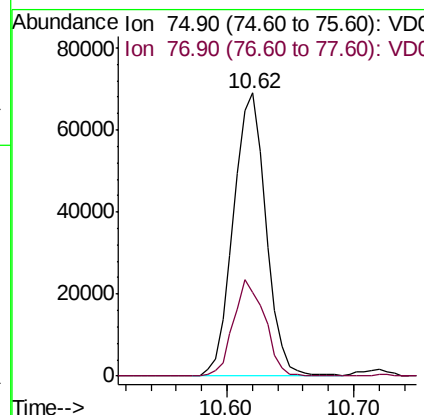
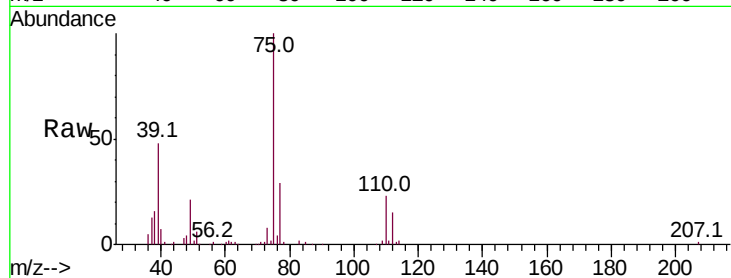




#53
 t-1,3-Dichloropropene
 Concen: 20.147 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

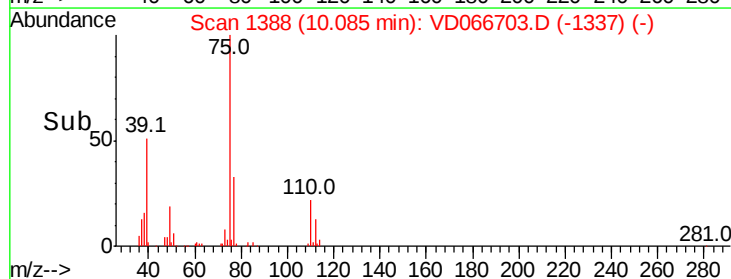
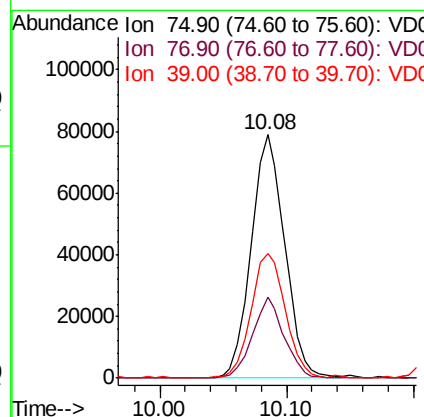
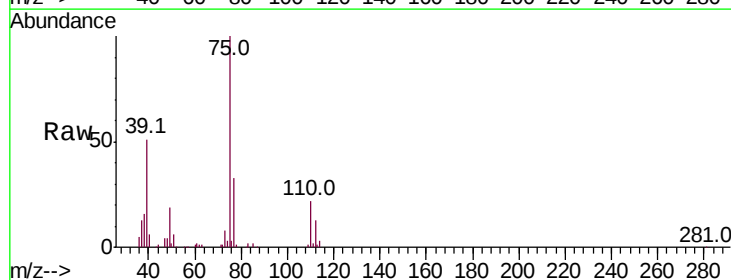
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

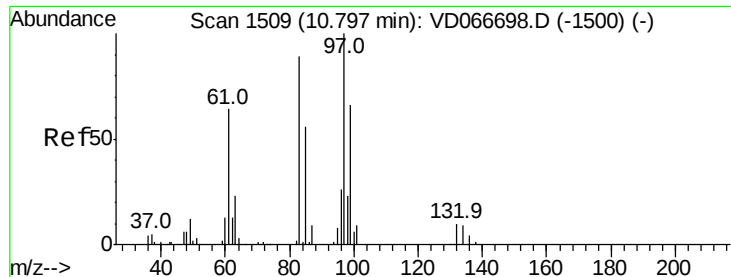
Tot Ion: 75 Resp: 122951
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.075 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 75 Resp: 145510
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.6
 39 50.9 40.6 61.0

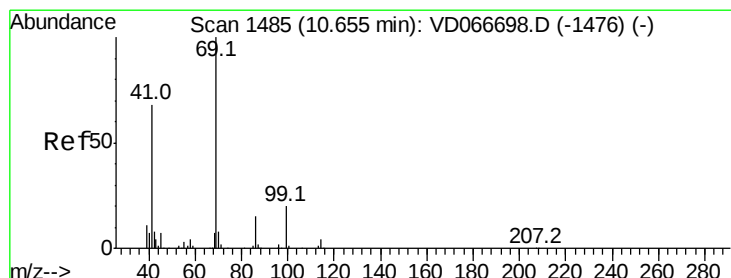
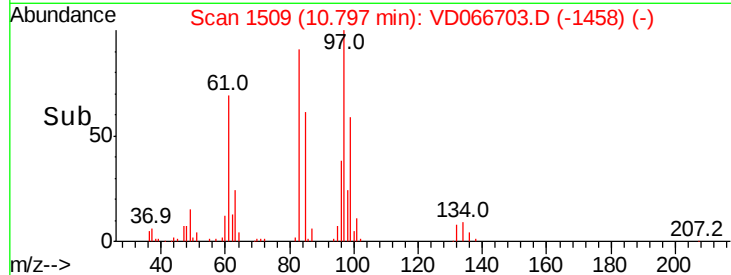
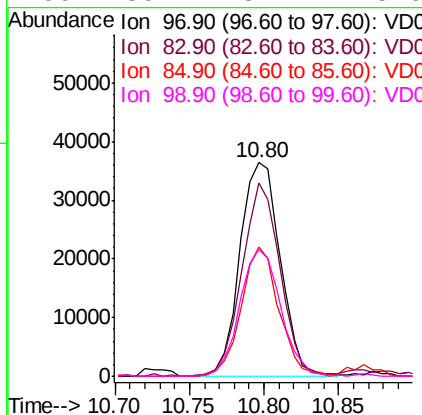
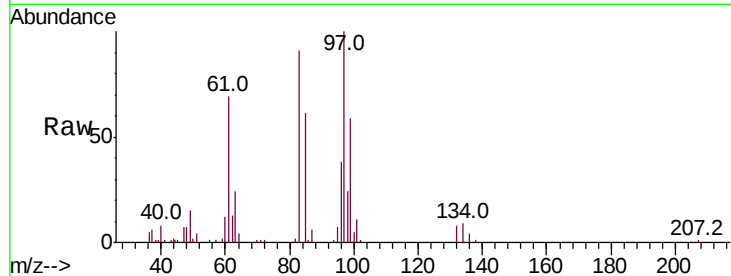




#55
 1,1,2-Trichloroethane
 Concen: 20.587 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

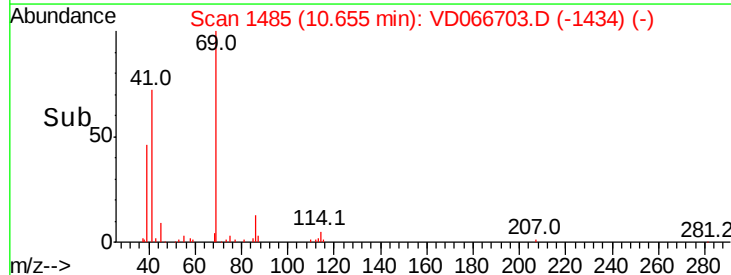
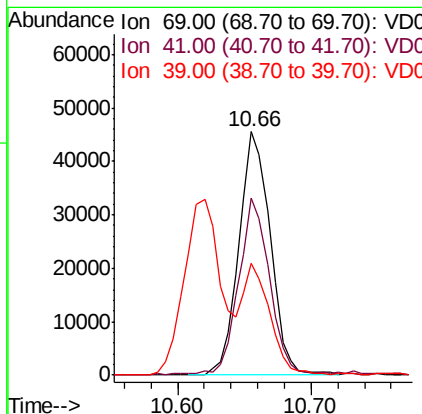
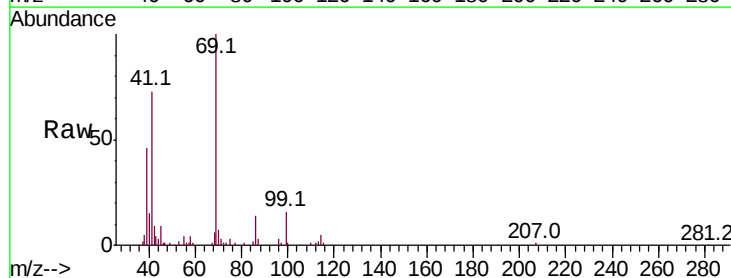
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

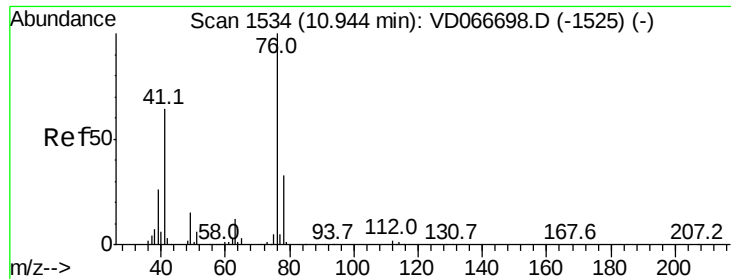
Tot Ion: 97 Resp: 68047
 Ion Ratio Lower Upper
 97 100
 83 90.7 71.4 107.2
 85 60.8 44.7 67.1
 99 59.1 52.4 78.6



#56
 Ethyl methacrylate
 Concen: 19.789 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 69 Resp: 74227
 Ion Ratio Lower Upper
 69 100
 41 72.5 55.5 83.3
 39 39.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 19.708 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

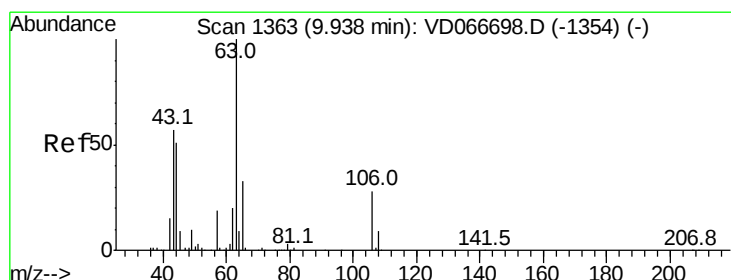
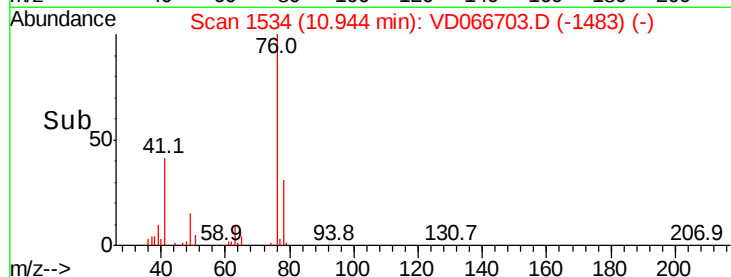
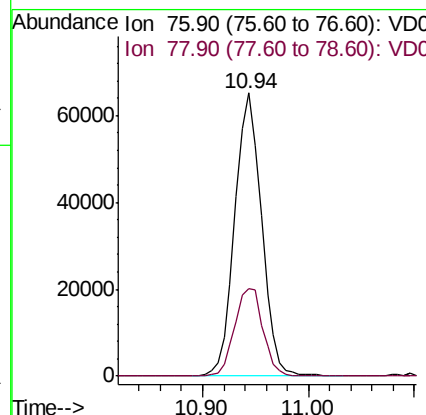
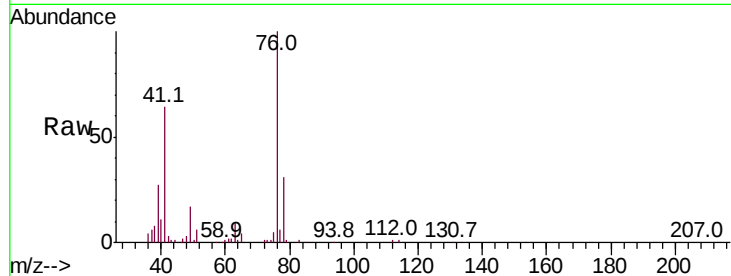
Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 76 Resp: 114320

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 114.902 ug/l

RT: 9.94 min Scan# 1363

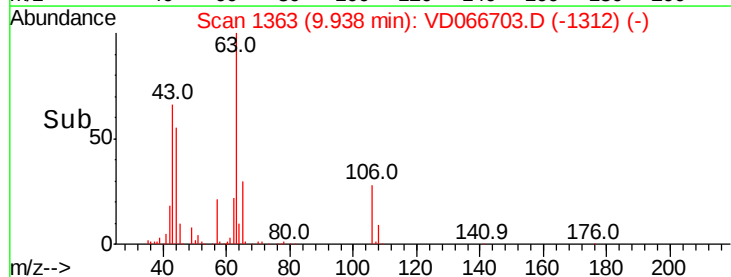
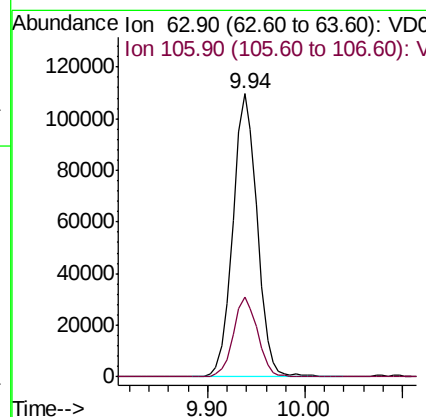
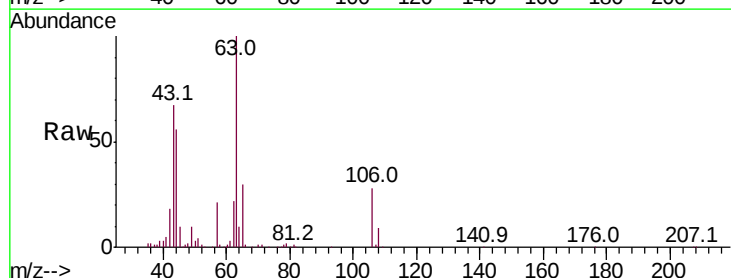
Delta R.T. -0.00 min

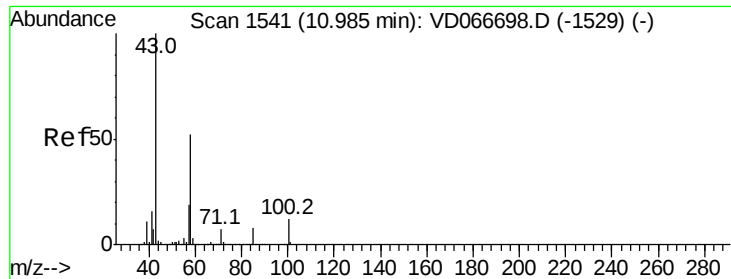
Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Tgt Ion: 63 Resp: 189290

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.2	33.4

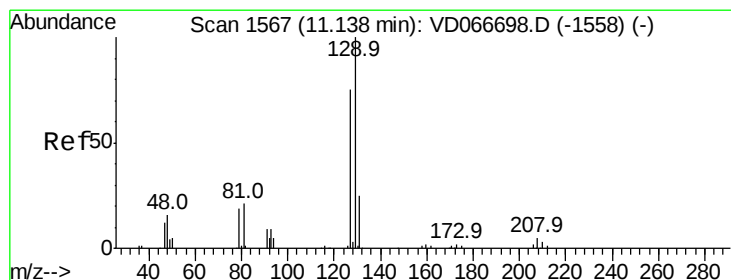
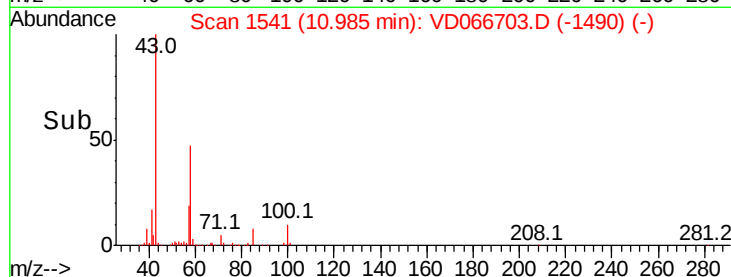
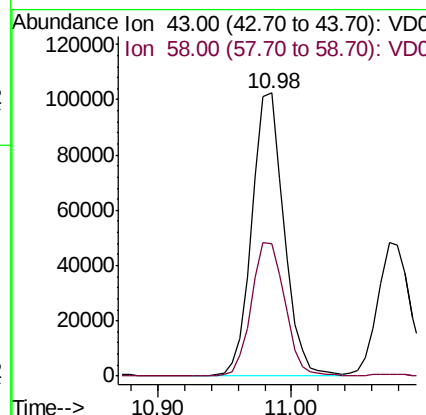
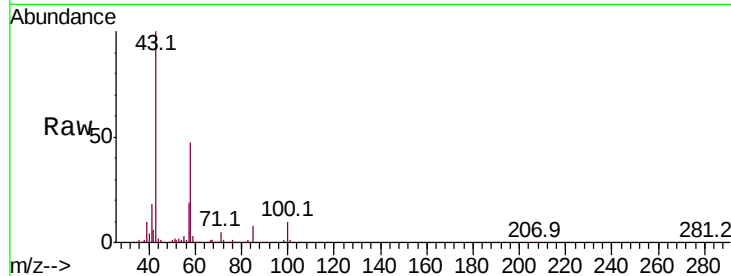




#59
2-Hexanone
Concen: 101.334 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

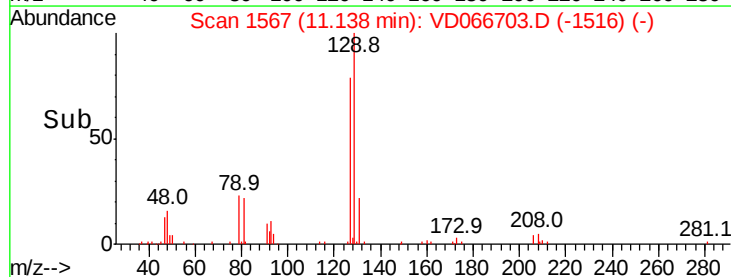
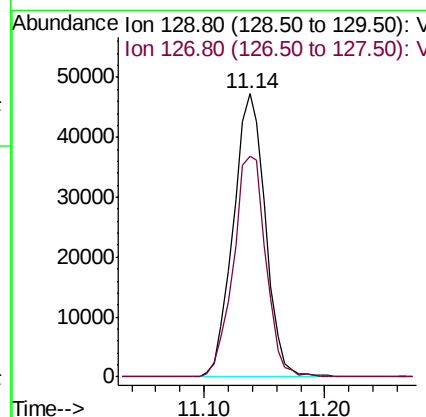
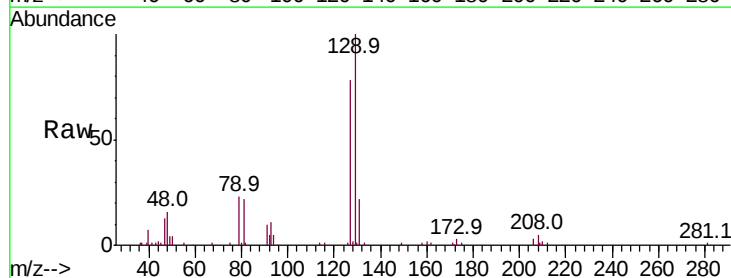
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

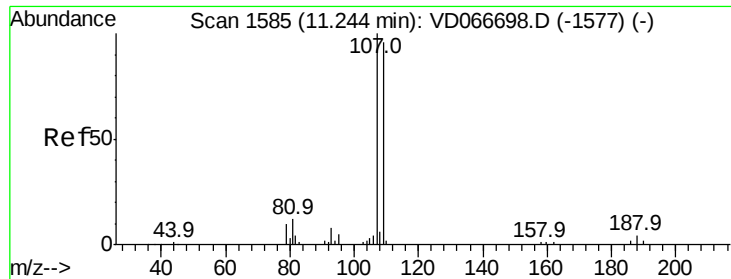
Tot Ion: 43 Resp: 170385
Ion Ratio Lower Upper
43 100
58 48.9 26.2 78.5



#60
Dibromochloromethane
Concen: 20.299 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 129 Resp: 87425
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.3

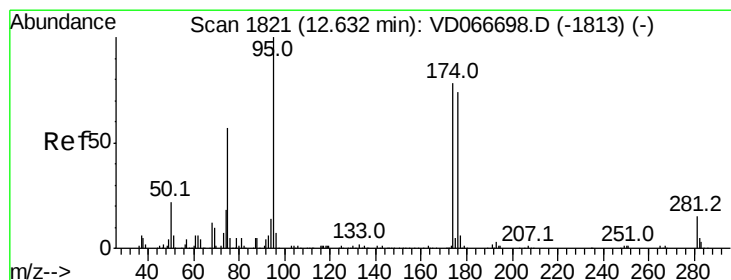
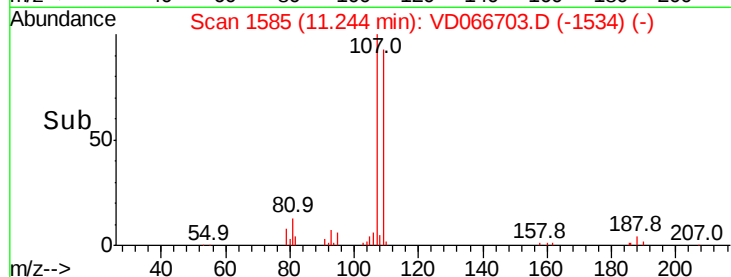
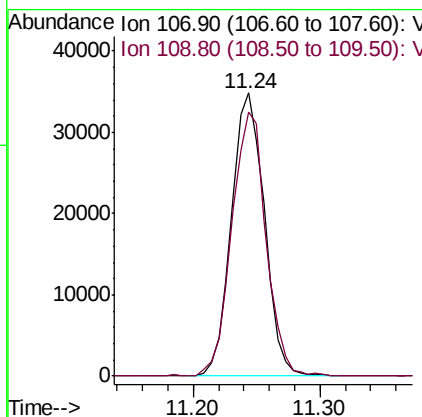
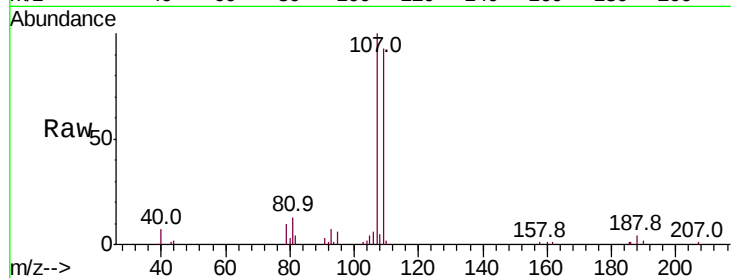




#61
 1,2-Dibromoethane
 Concen: 19.798 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

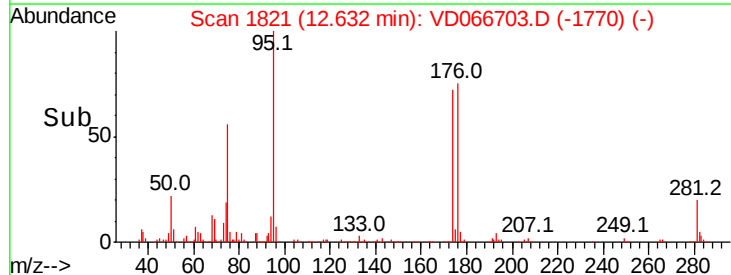
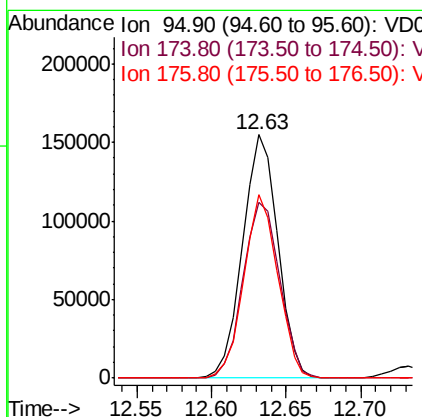
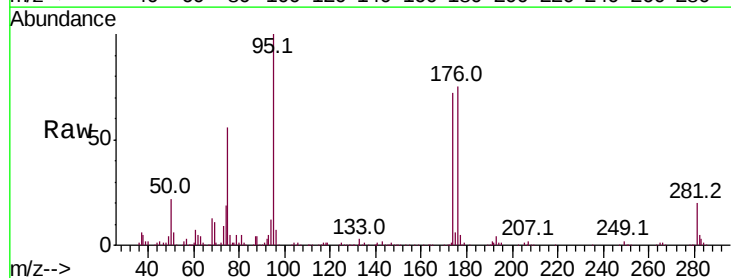
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

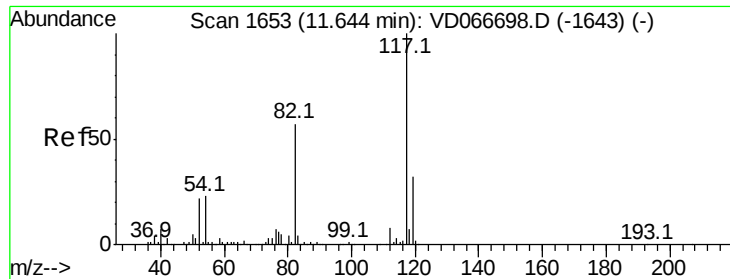
Tot Ion:107 Resp: 62775
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.604 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 95 Resp: 253146
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 156.6
 176 72.9 0.0 150.2

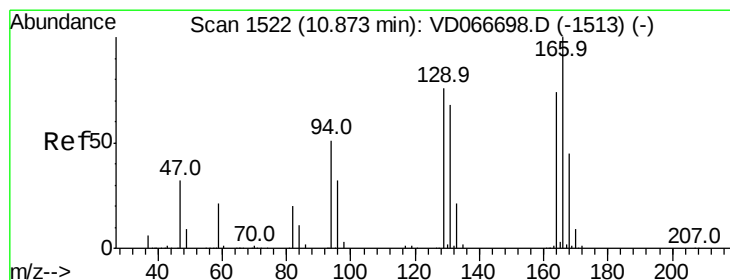
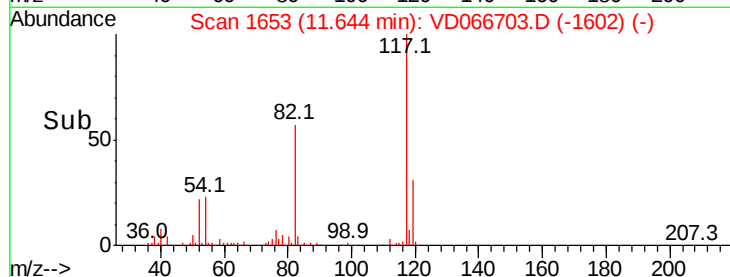
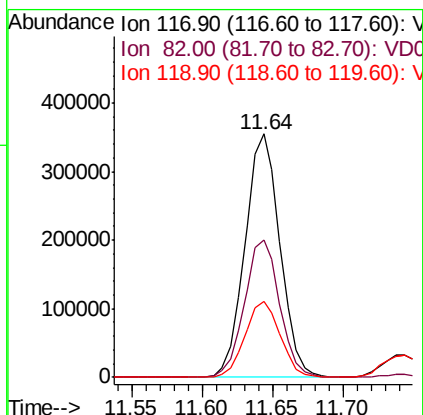
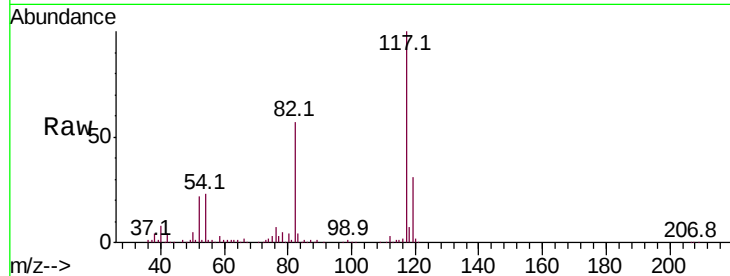




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

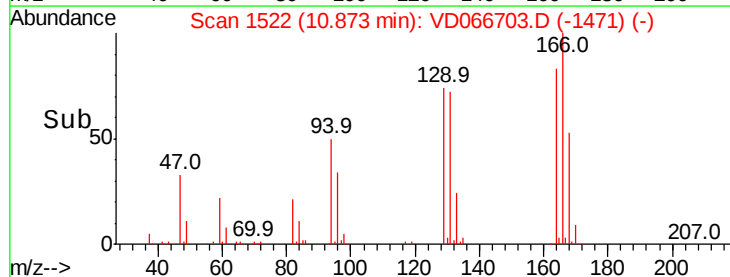
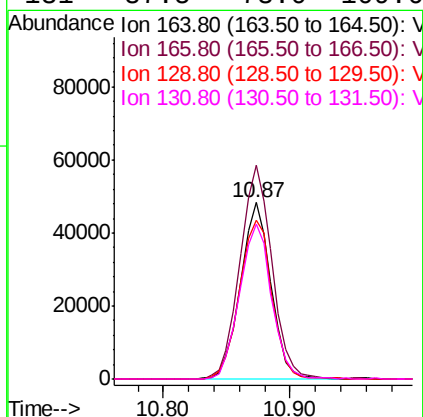
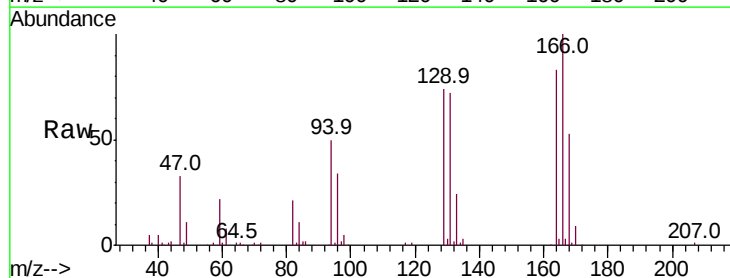
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

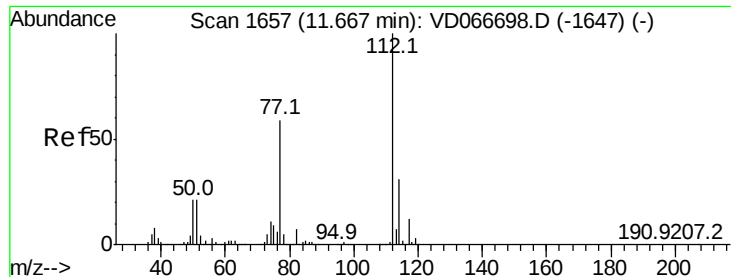
Tot Ion:117 Resp: 616785
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.095 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion:164 Resp: 80396
Ion Ratio Lower Upper
164 100
166 121.2 107.5 161.3
129 90.1 81.4 122.0
131 87.5 73.0 109.6

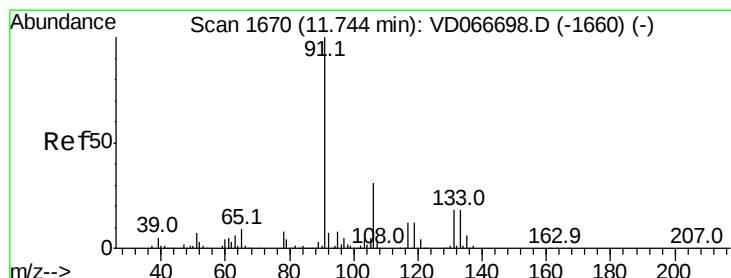
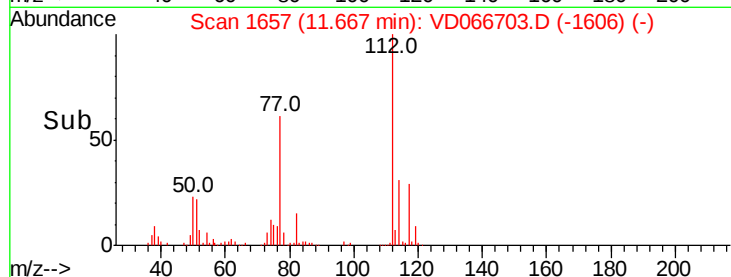
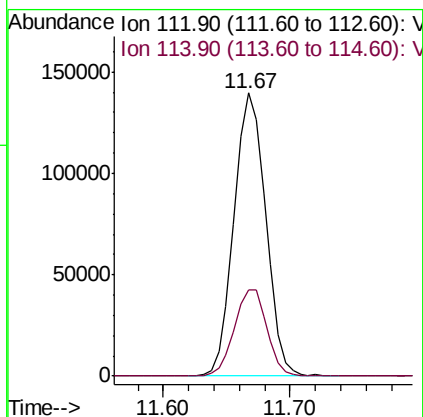
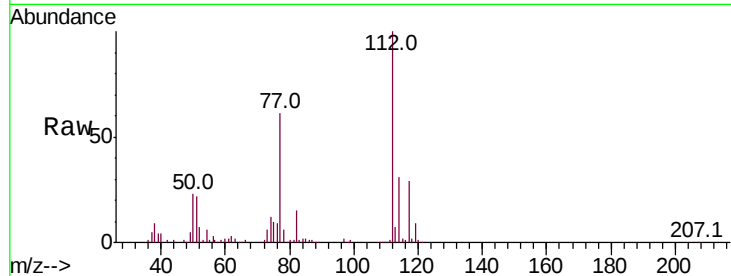




#65
Chlorobenzene
Concen: 18.973 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

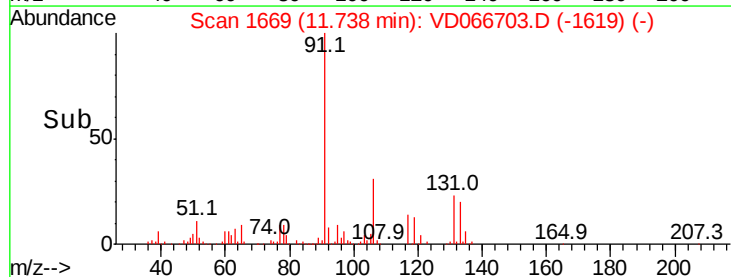
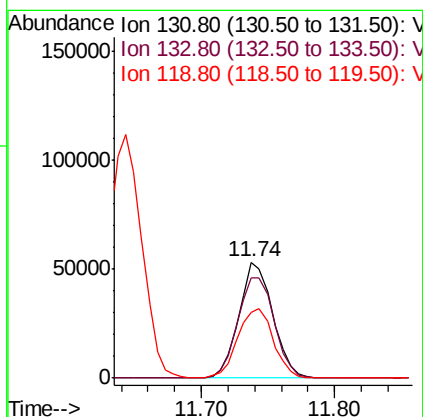
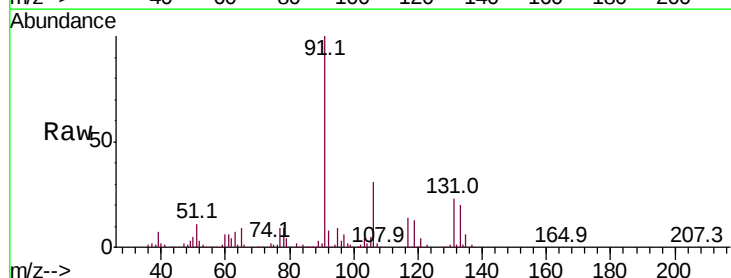
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

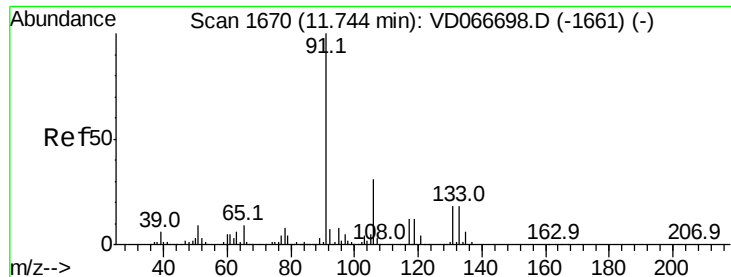
Tot Ion:112 Resp: 242283
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.820 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion:131 Resp: 93384
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 63.1 33.6 100.8

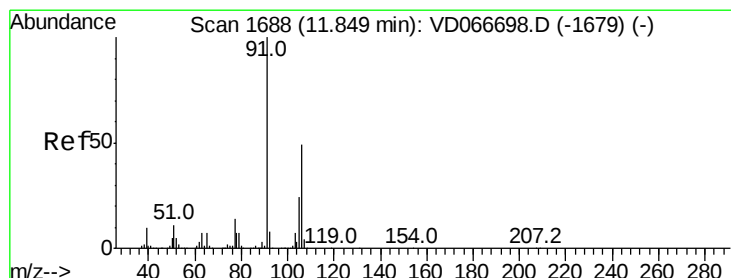
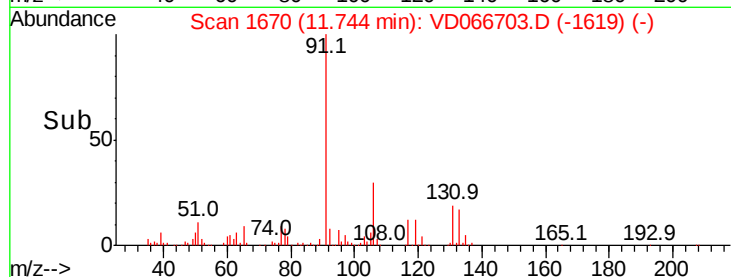
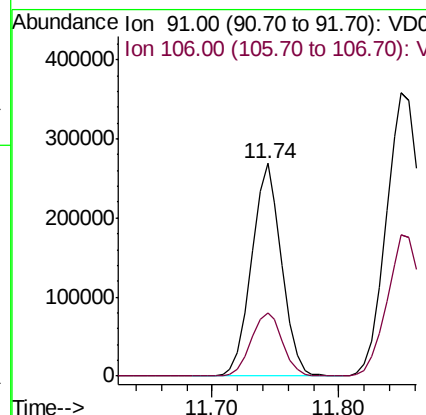
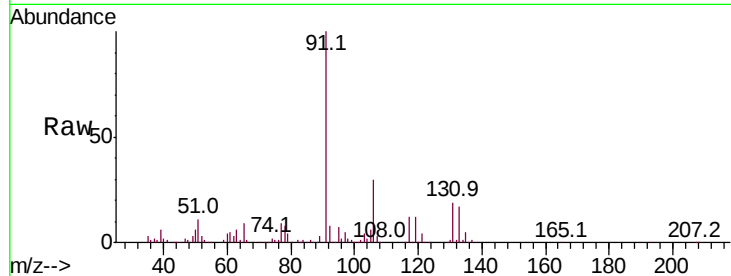




#67
Ethyl Benzene
Concen: 19.061 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

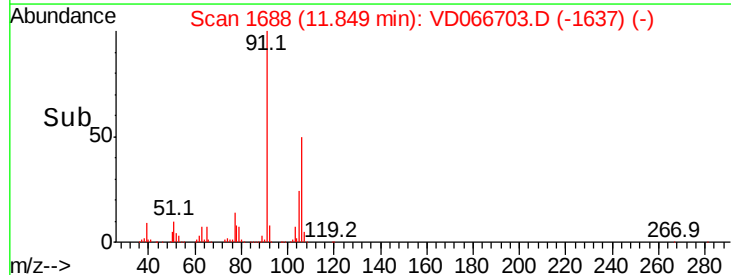
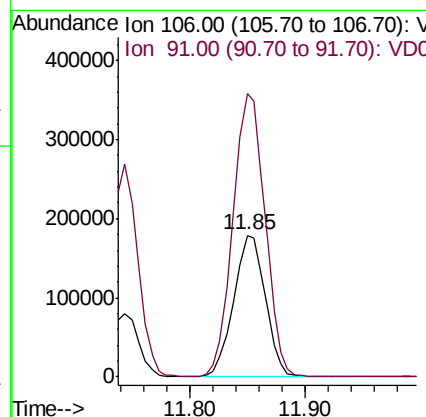
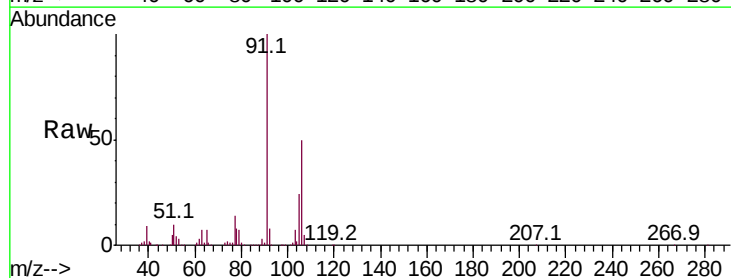
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

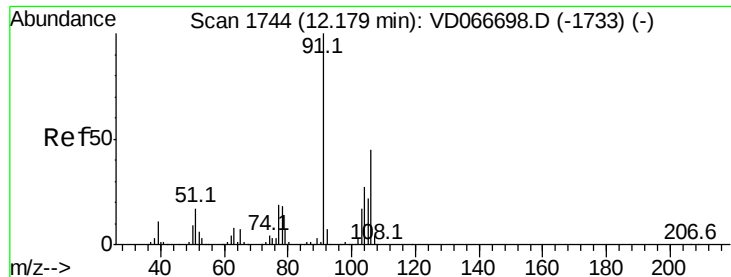
Tot Ion: 91 Resp: 440895
Ion Ratio Lower Upper
91 100
106 29.6 25.1 37.7



#68
m/p-Xylenes
Concen: 38.883 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion:106 Resp: 339923
Ion Ratio Lower Upper
106 100
91 203.4 164.8 247.2

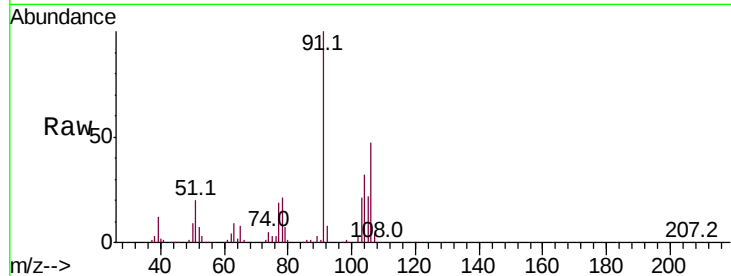




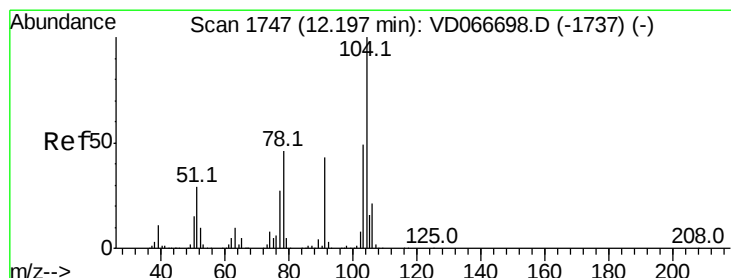
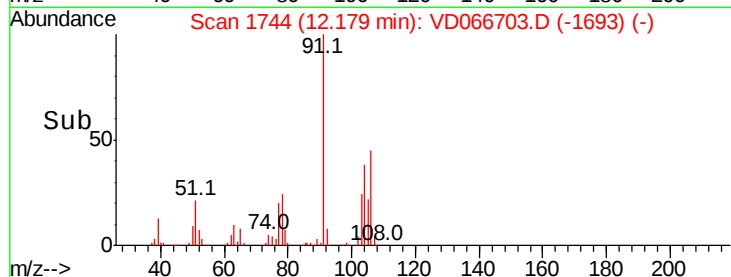
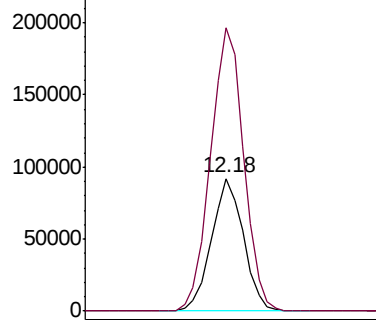
#69
o-Xylene
Concen: 18.890 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion:106 Resp: 145936
Ion Ratio Lower Upper
106 100
91 220.8 109.4 328.2

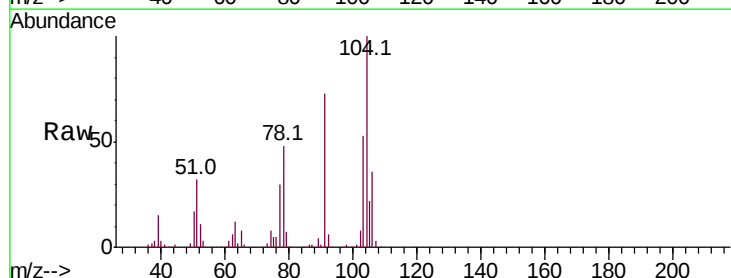


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

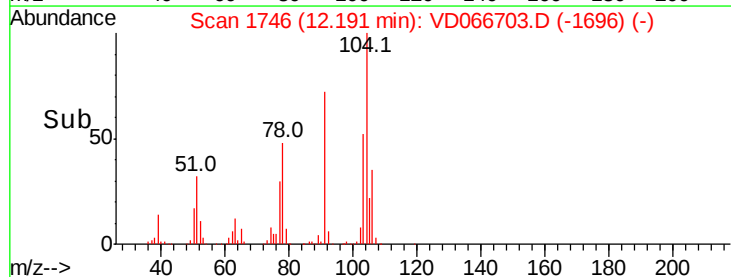
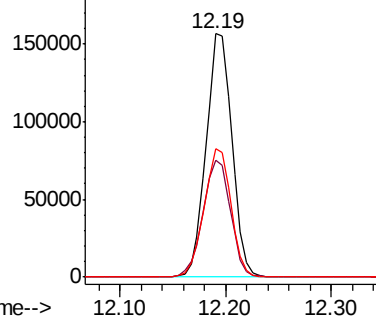


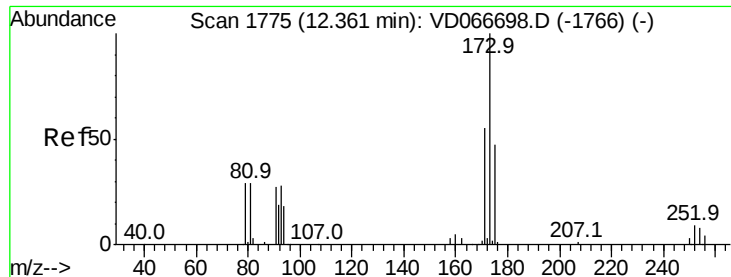
#70
Styrene
Concen: 19.406 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion:104 Resp: 263870
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 54.7 42.5 63.7



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





#71

Bromoform

Concen: 19.175 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

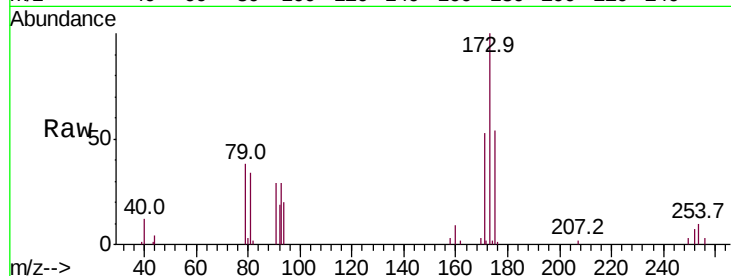
Tot Ion:173 Resp: 45340

Ion Ratio Lower Upper

173 100

175 51.9 24.3 72.8

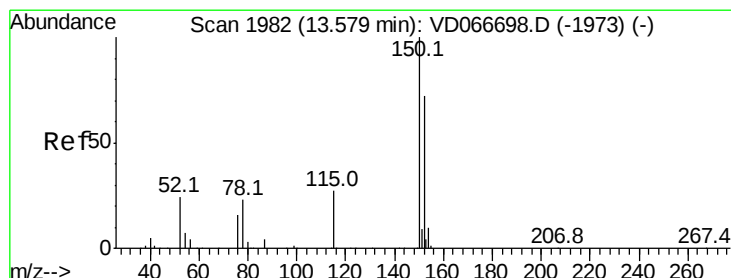
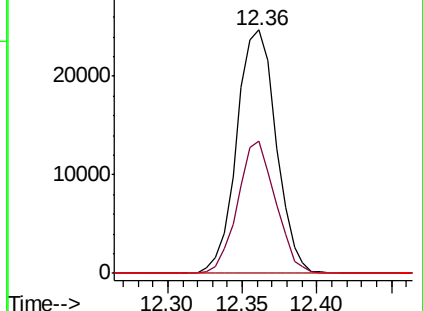
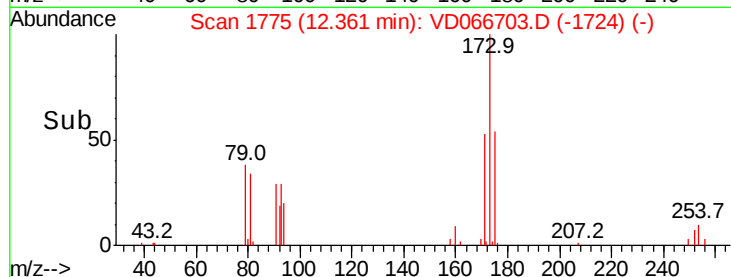
254 0.0 0.1 0.1#



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: VD066703.D

Acq: 15 Sep 2020 18:26

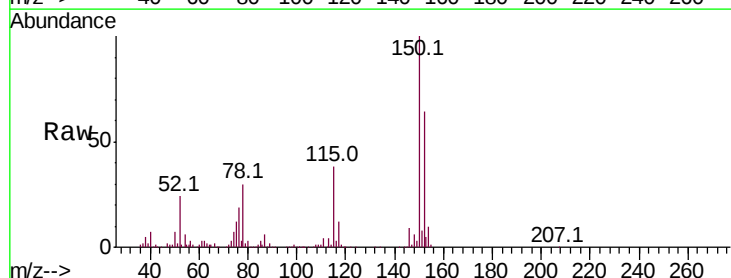
Tgt Ion:152 Resp: 288188

Ion Ratio Lower Upper

152 100

115 61.8 30.5 91.5

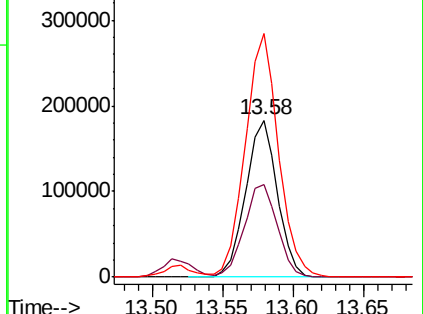
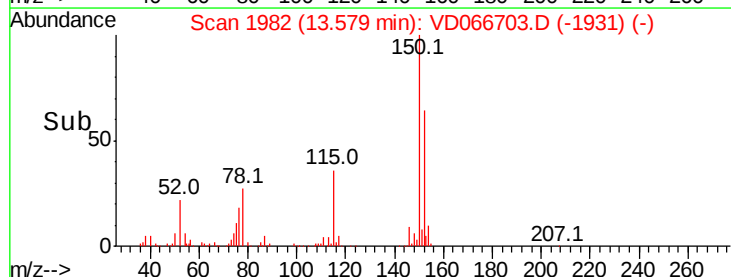
150 162.7 0.0 344.6

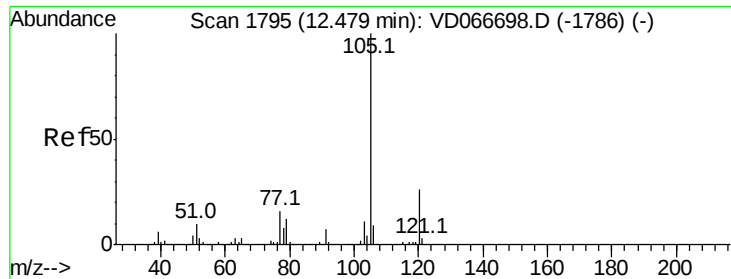


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.850 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

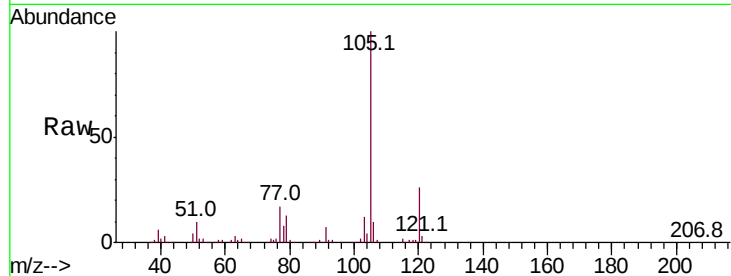
VD0915SBS01

Tot Ion:105 Resp: 405537

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

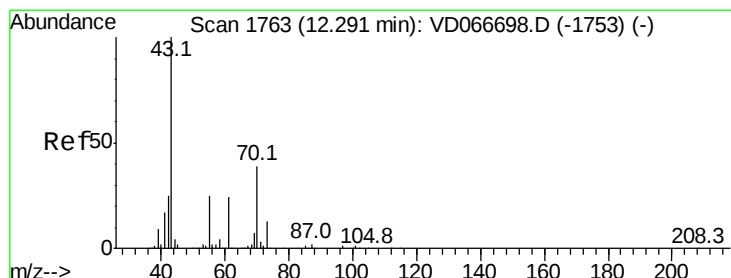
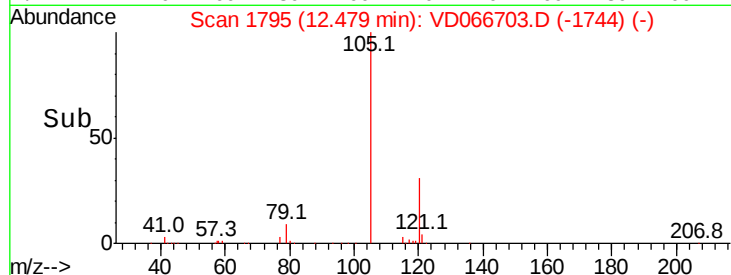
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 18.840 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Tgt Ion: 43 Resp: 85501

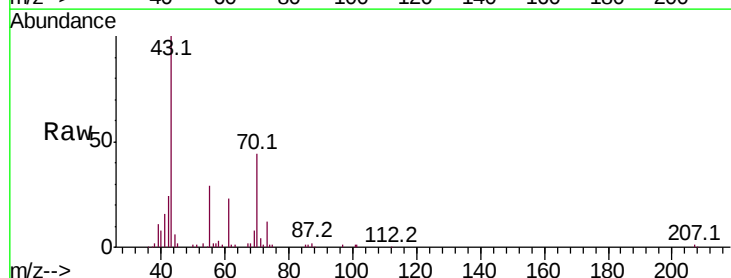
Ion Ratio Lower Upper

43 100

70 43.4 33.0 49.4

55 27.7 20.6 30.8

61 23.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

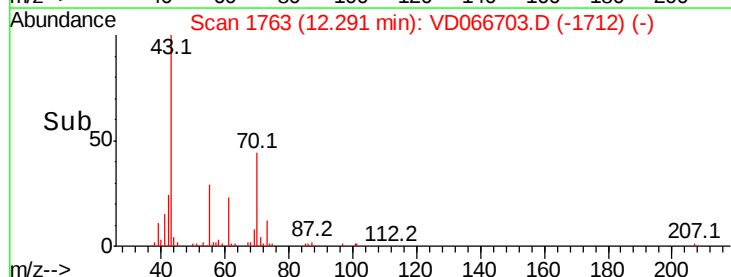
40000

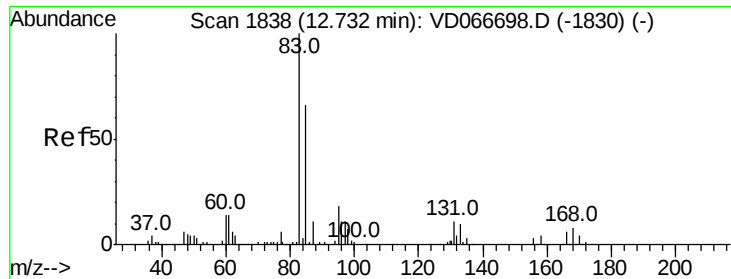
20000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.420 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

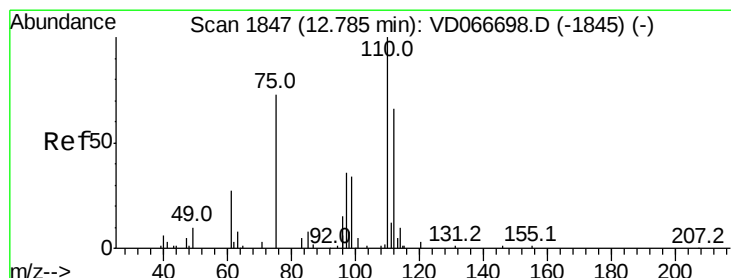
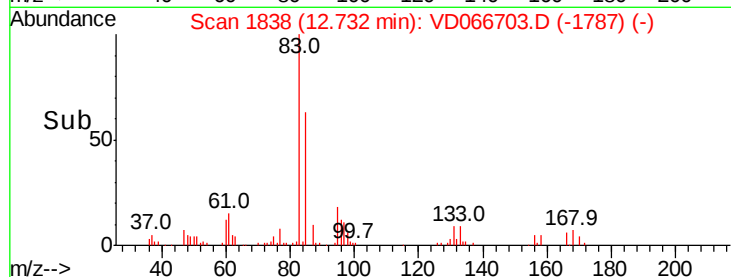
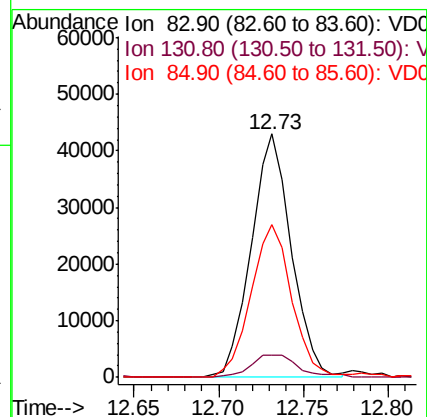
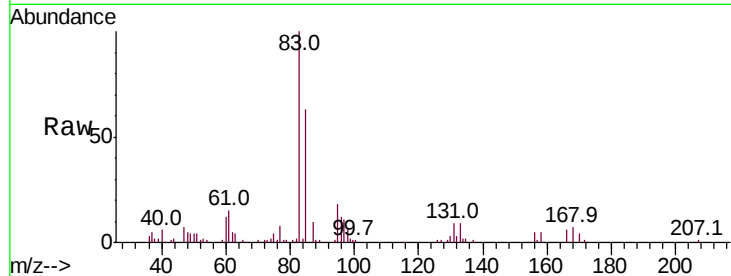
Tot Ion: 83 Resp: 70993

Ion Ratio Lower Upper

83 100

131 10.9 5.8 17.3

85 63.6 33.3 99.8



#76

1,2,3-Trichloropropane

Concen: 38.523 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066703.D

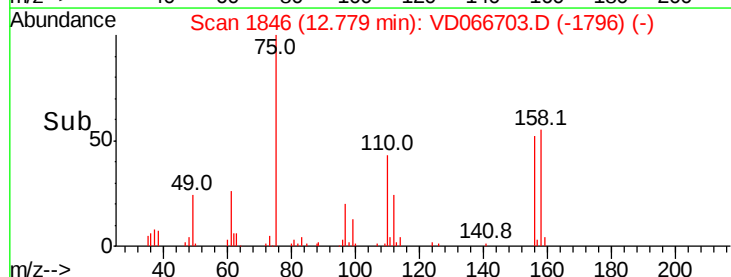
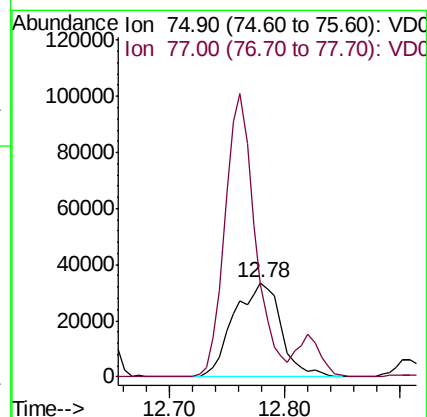
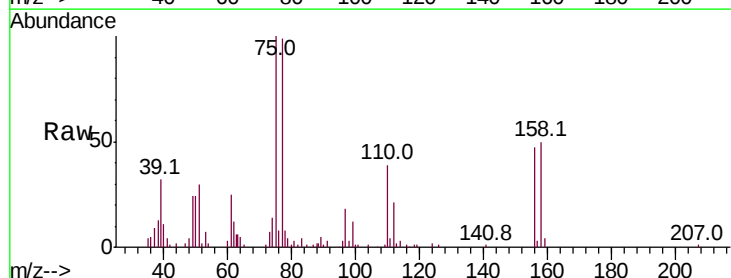
Acq: 15 Sep 2020 18:26

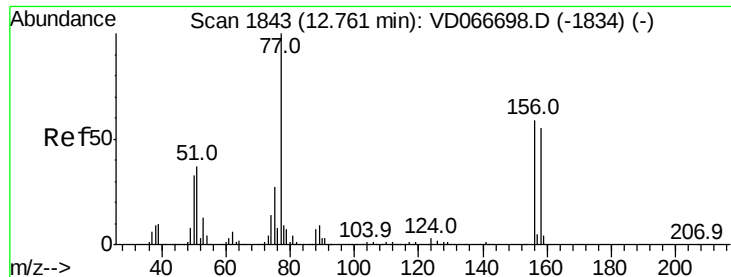
Tgt Ion: 75 Resp: 95027

Ion Ratio Lower Upper

75 100

77 193.3 0.0 0.0#





#77

Bromobenzene

Concen: 19.238 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

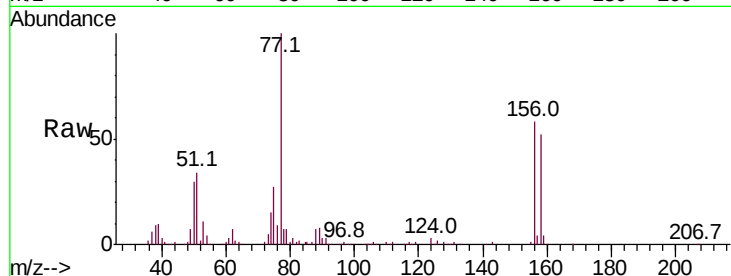
Tot Ion:156 Resp: 95396

Ion Ratio Lower Upper

156 100

77 192.6 95.8 287.3

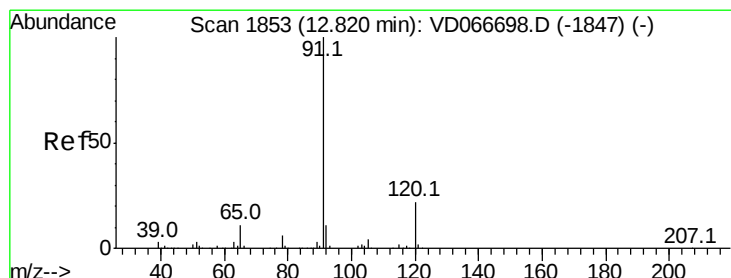
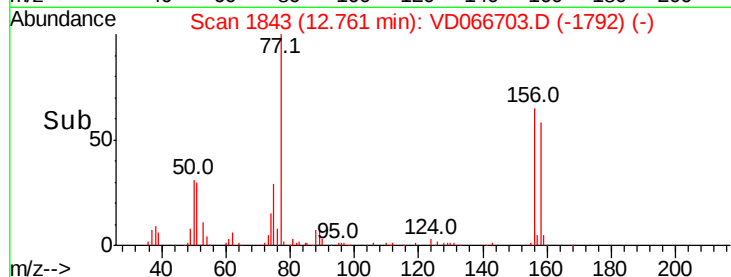
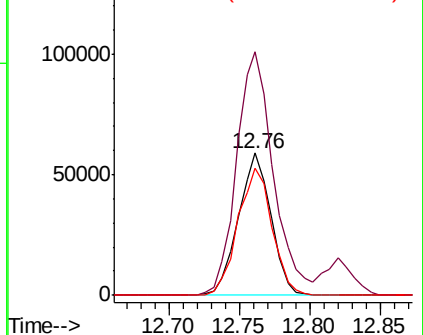
158 93.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.980 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066703.D

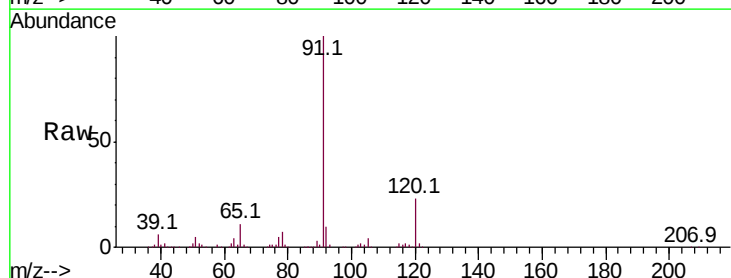
Acq: 15 Sep 2020 18:26

Tgt Ion: 91 Resp: 497774

Ion Ratio Lower Upper

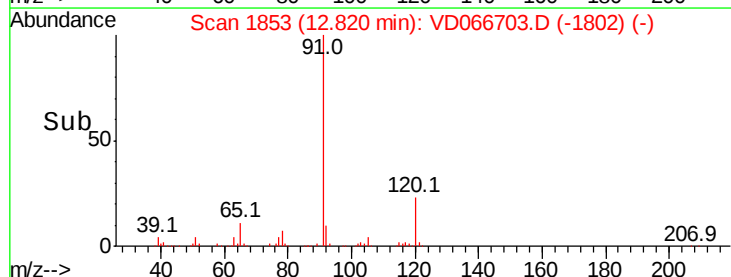
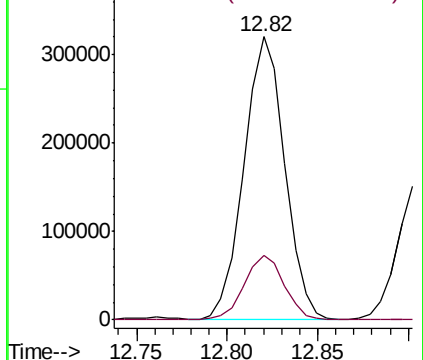
91 100

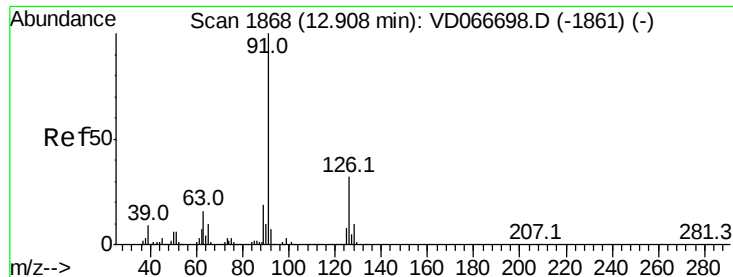
120 22.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

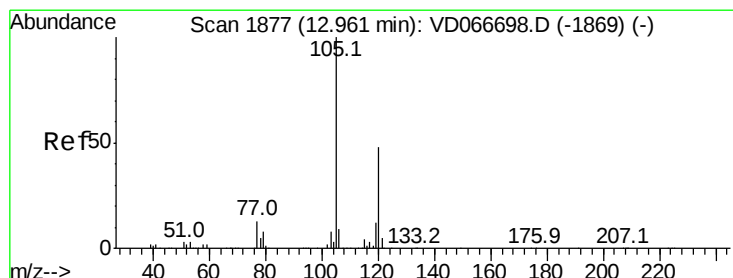
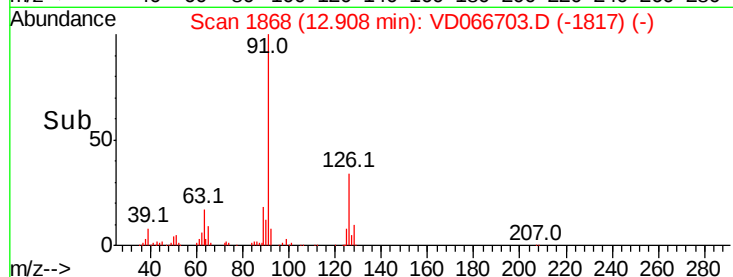
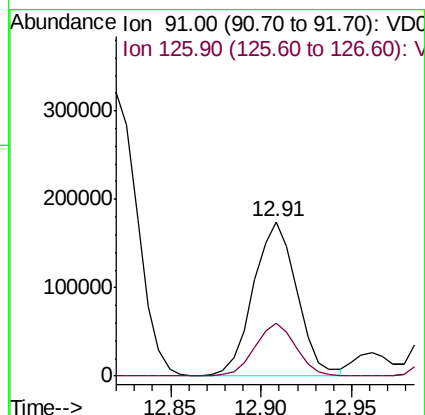
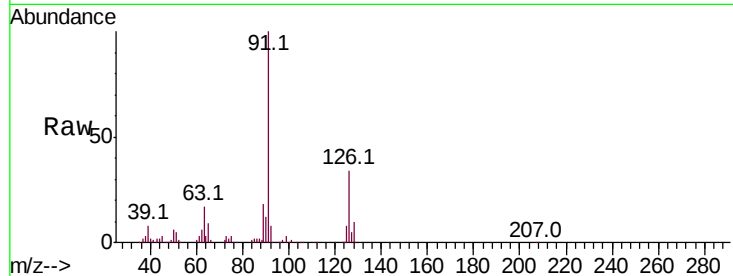




#79
 2-Chlorotoluene
 Concen: 19.606 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

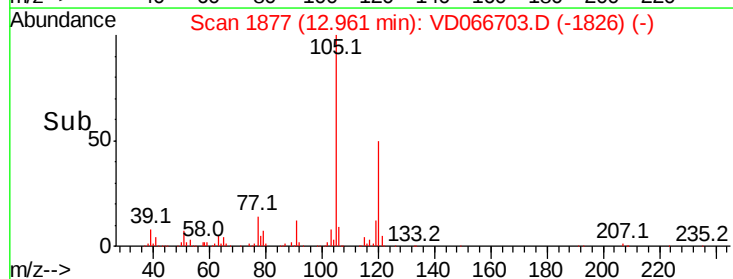
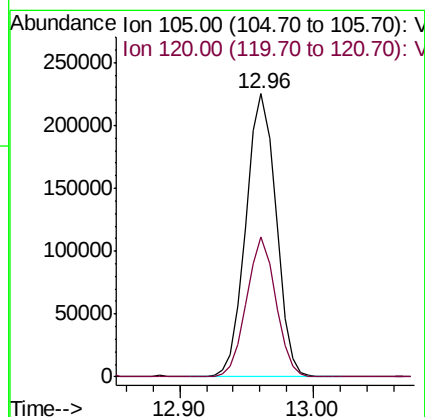
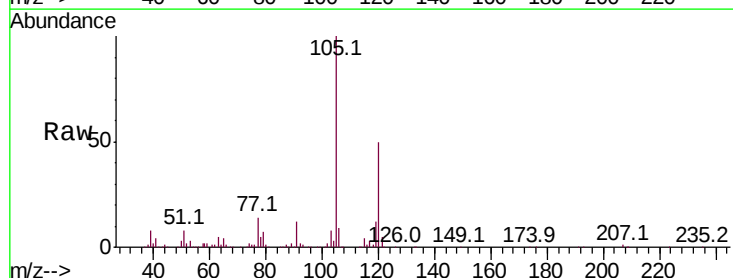
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

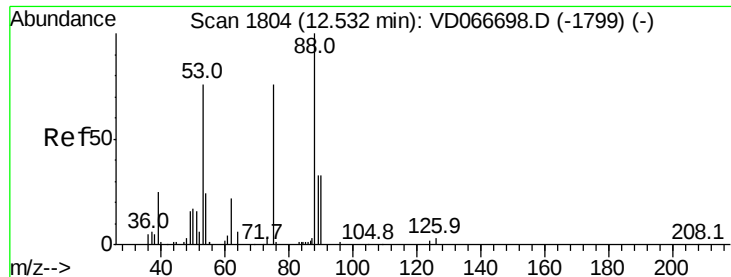
Tot Ion: 91 Resp: 290750
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.270 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion: 105 Resp: 350532
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.145 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

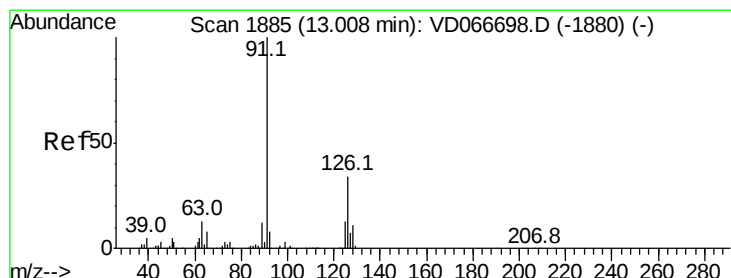
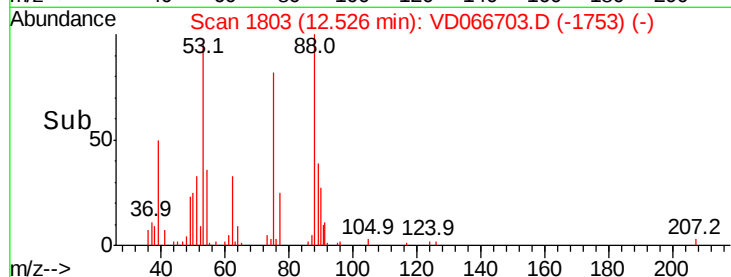
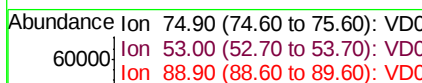
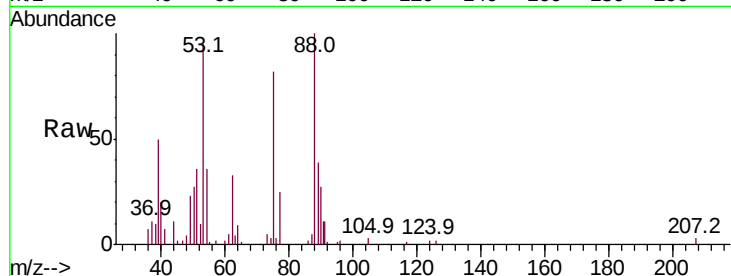
Tot Ion: 75 Resp: 20740

Ion Ratio Lower Upper

75 100

53 113.9 82.2 123.4

89 48.4 39.6 59.4



#82

4-Chlorotoluene

Concen: 19.929 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066703.D

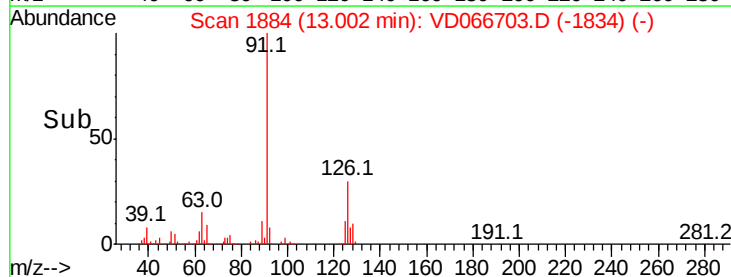
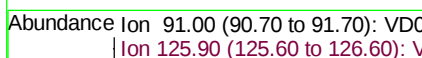
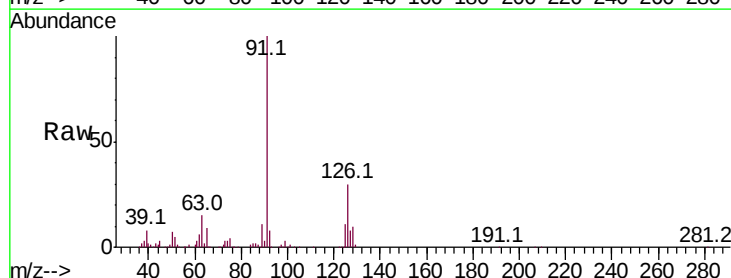
Acq: 15 Sep 2020 18:26

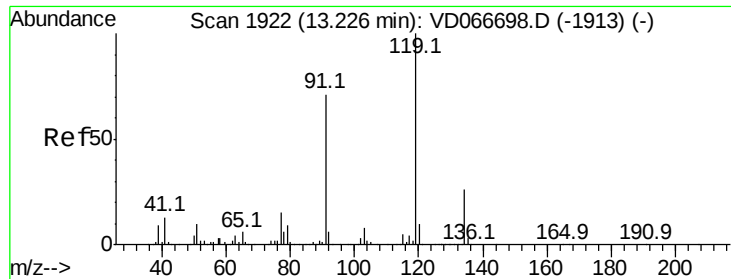
Tgt Ion: 91 Resp: 312493

Ion Ratio Lower Upper

91 100

126 31.6 16.8 50.4

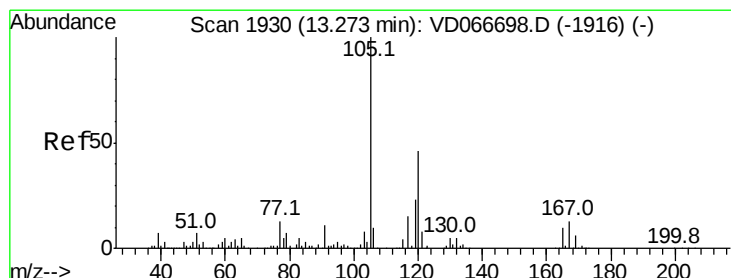
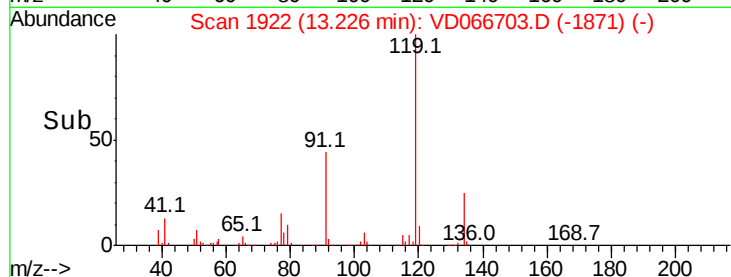
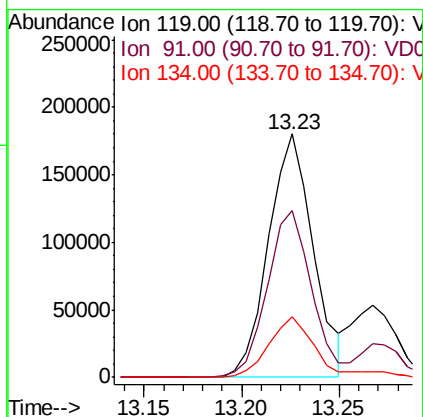
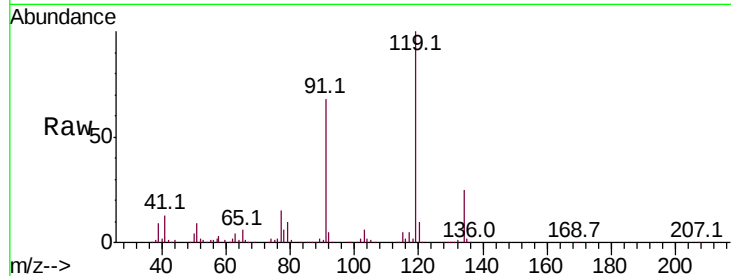




#83
tert-Butylbenzene
Concen: 19.101 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

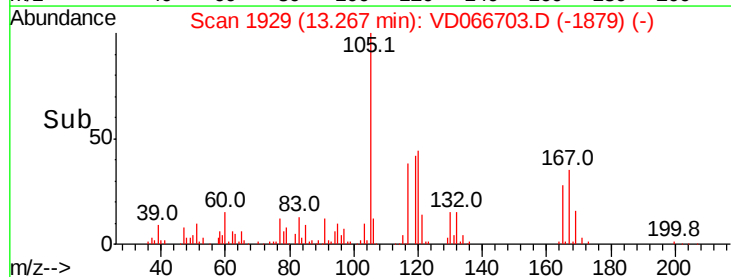
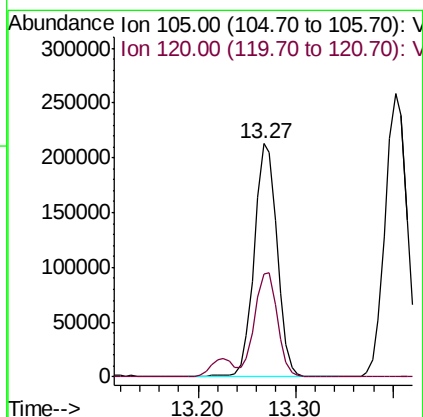
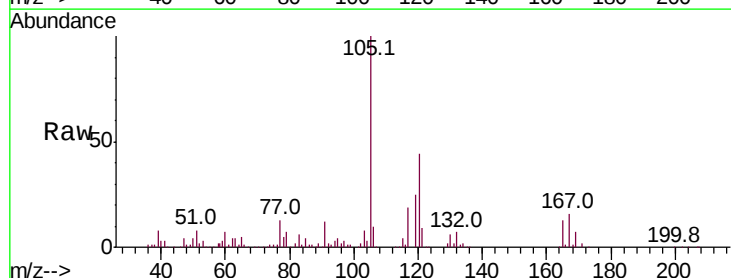
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

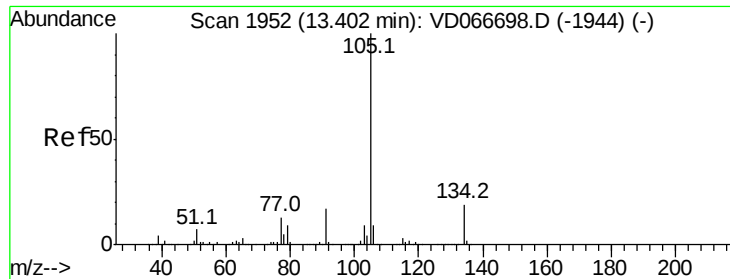
Tot Ion:119 Resp: 286371
Ion Ratio Lower Upper
119 100
91 68.7 35.0 105.1
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.199 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion:105 Resp: 349018
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.915 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

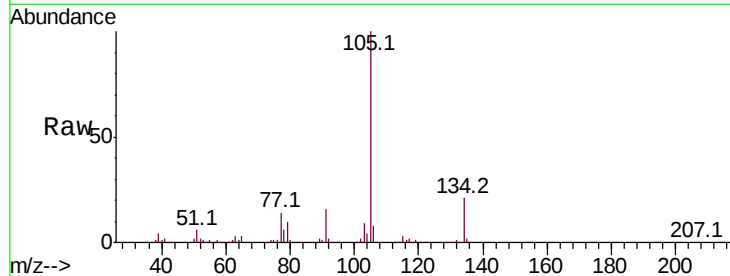
VD0915SBS01

Tot Ion:105 Resp: 406571

Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

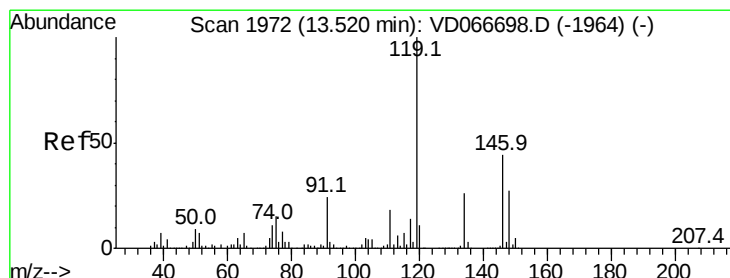
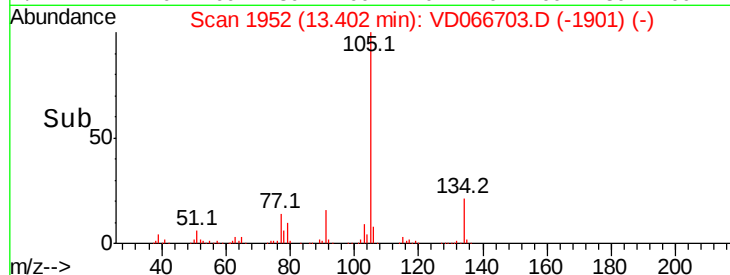
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 18.397 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

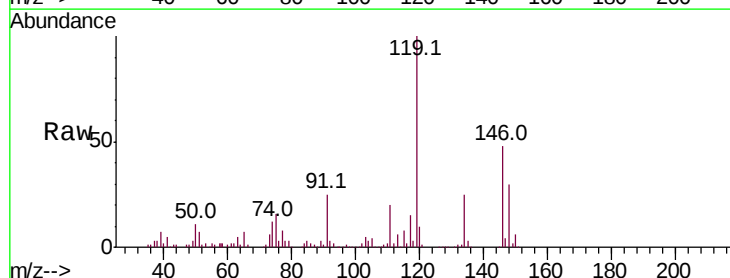
Tgt Ion:119 Resp: 359488

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 25.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

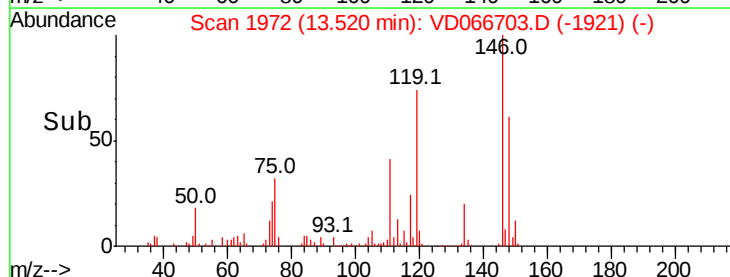
100000

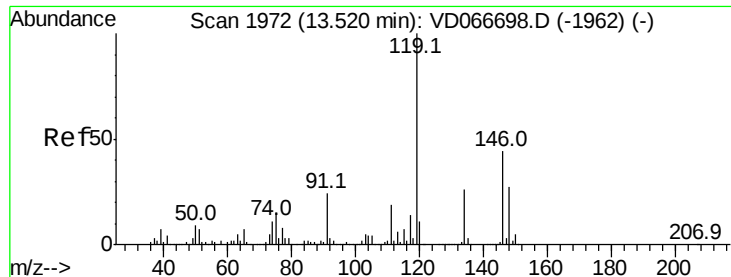
50000

0

13.45 13.50 13.55 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.720 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

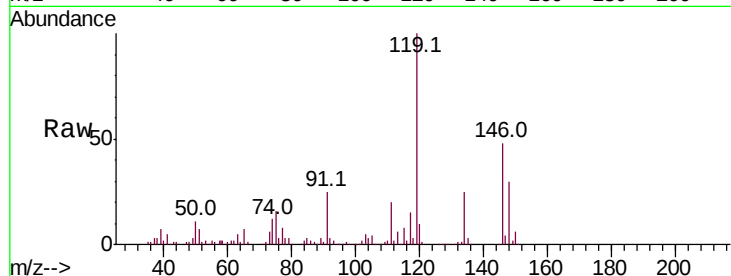
Tot Ion:146 Resp: 187596

Ion Ratio Lower Upper

146 100

111 40.4 21.1 63.3

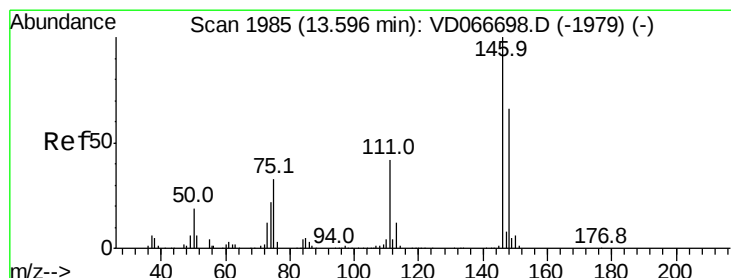
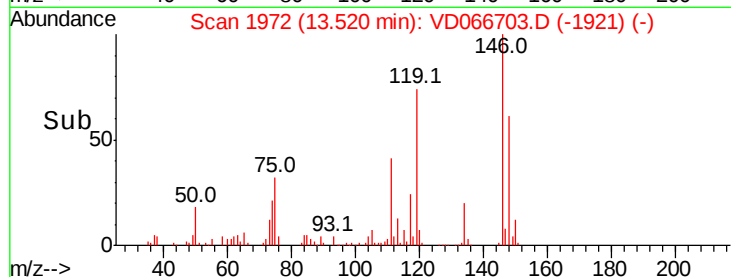
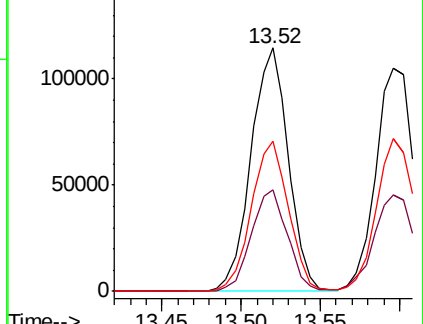
148 61.5 31.4 94.2



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: 18.843 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

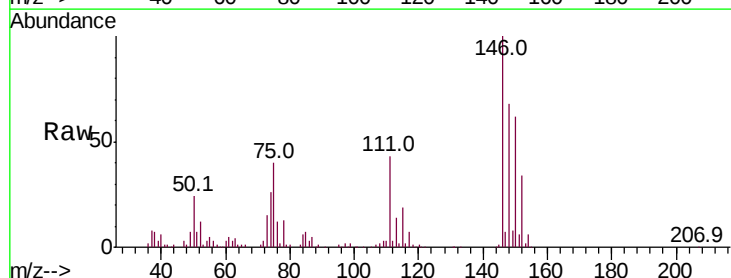
Tgt Ion:146 Resp: 178501

Ion Ratio Lower Upper

146 100

111 45.1 20.5 61.6

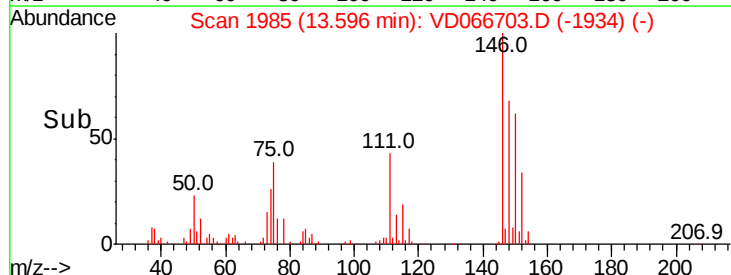
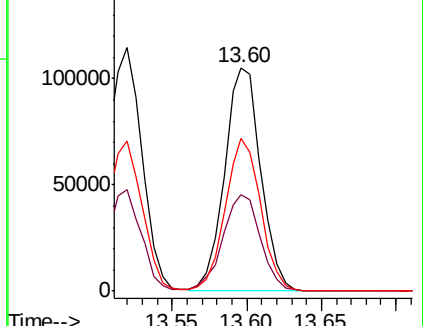
148 66.7 32.7 98.1

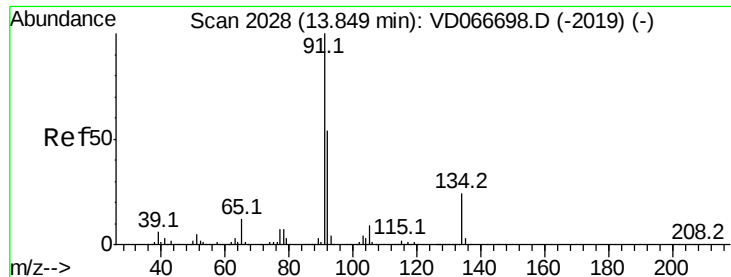


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

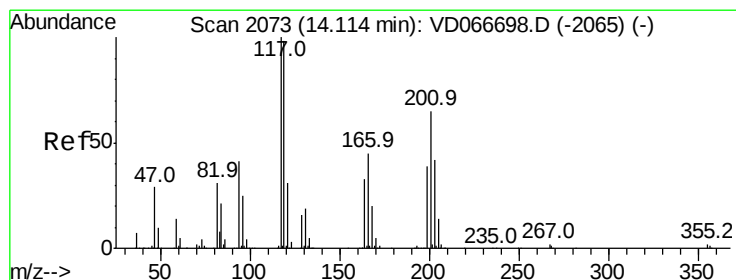
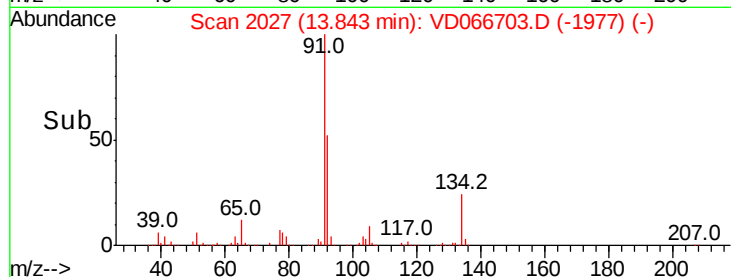
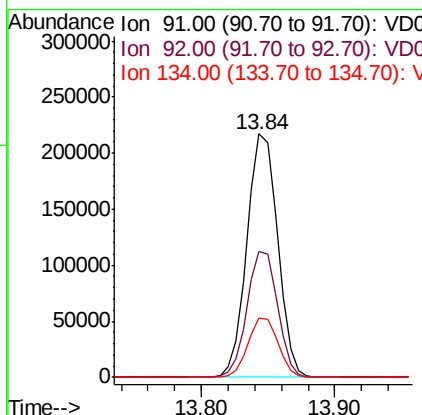
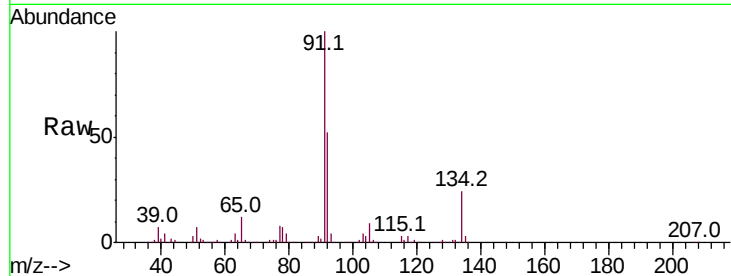




#89
n-Butylbenzene
Concen: 18.534 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

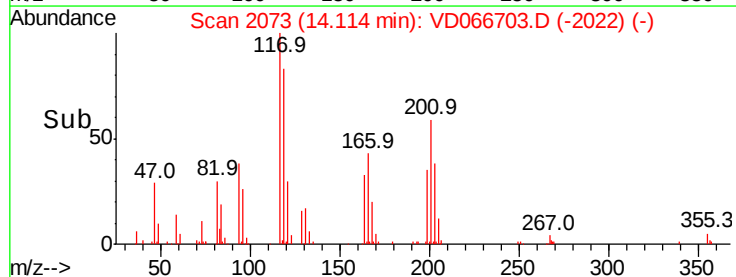
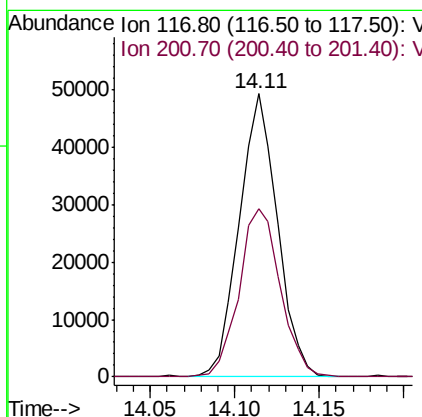
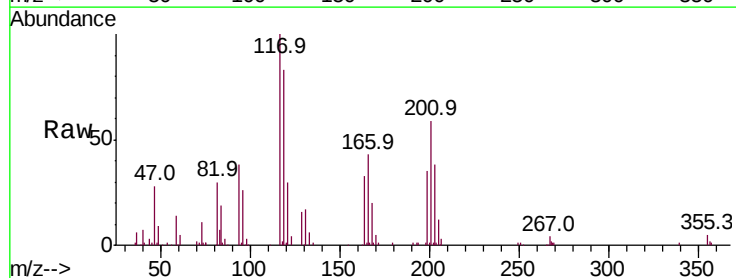
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

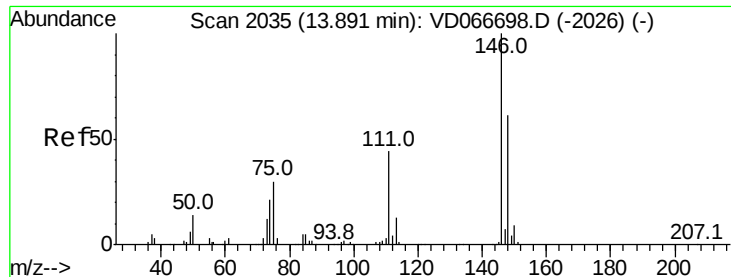
Tot Ion: 91 Resp: 344388
Ion Ratio Lower Upper
91 100
92 51.4 27.0 81.0
134 23.9 12.4 37.0



#90
Hexachloroethane
Concen: 19.315 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion: 117 Resp: 77535
Ion Ratio Lower Upper
117 100
201 64.2 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 19.120 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

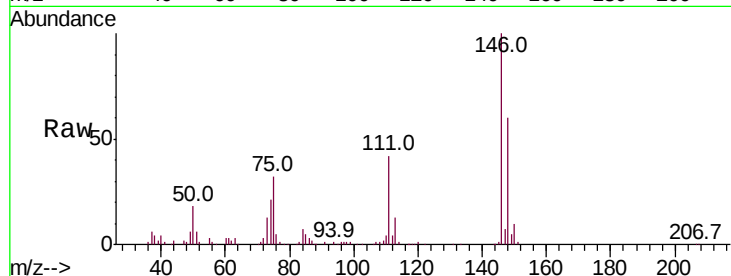
Tot Ion:146 Resp: 155852

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

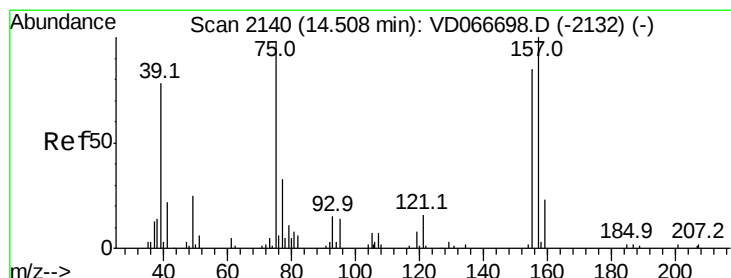
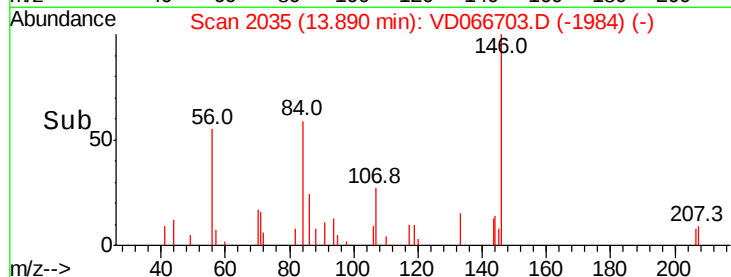
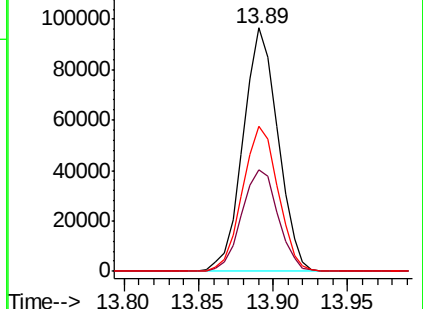
148 61.2 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.156 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD066703.D

Acq: 15 Sep 2020 18:26

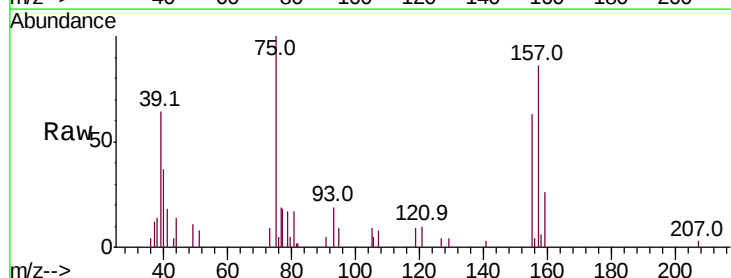
Tgt Ion: 75 Resp: 13093

Ion Ratio Lower Upper

75 100

155 66.3 38.9 116.7

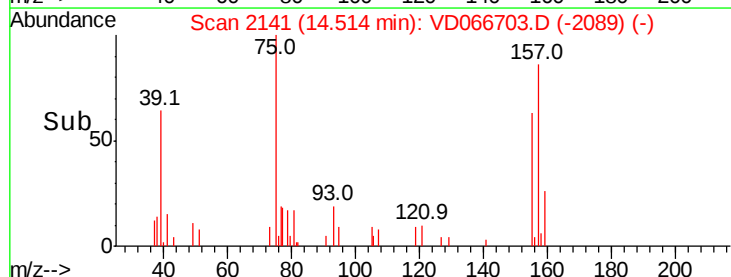
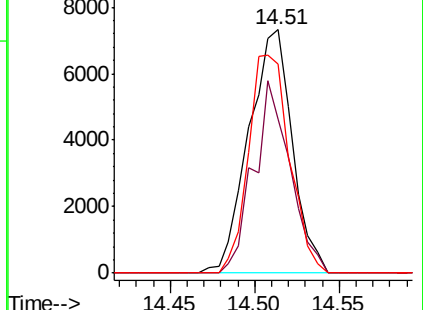
157 84.9 46.4 139.2

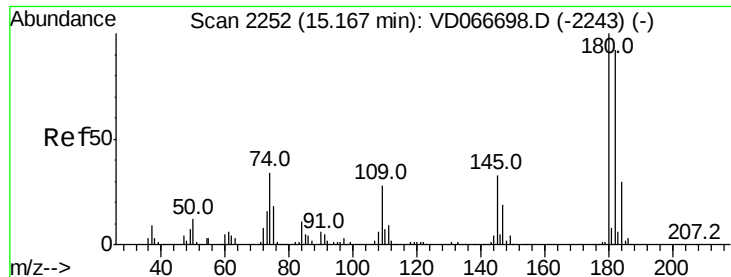


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

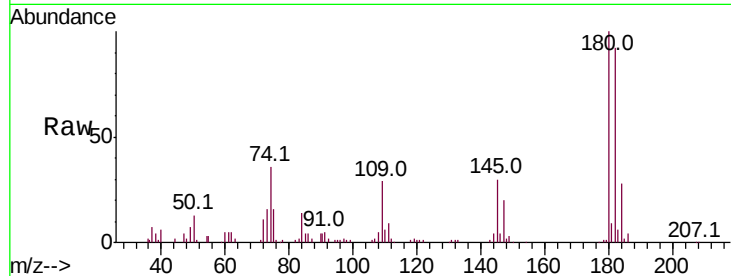




#93
 1,2,4-Trichlorobenzene
 Concen: 19.578 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	46.6	139.7
145	29.0	16.5	49.5

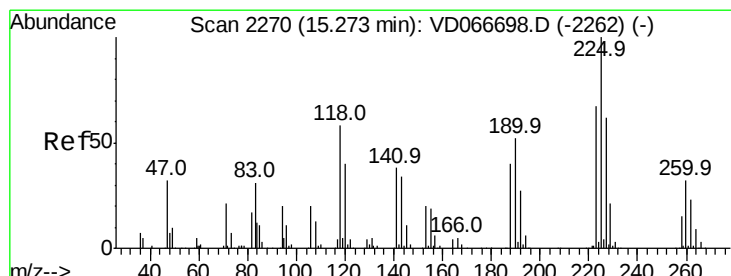
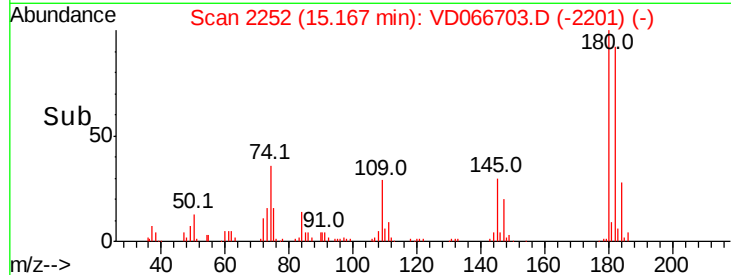
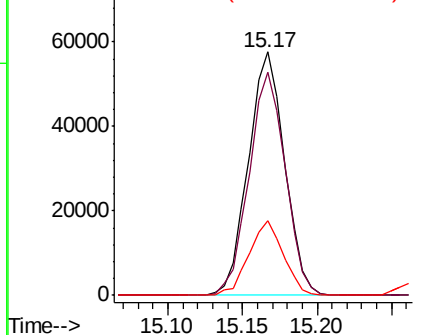


Abundance

Ion 179.80 (179.50 to 180.50): V

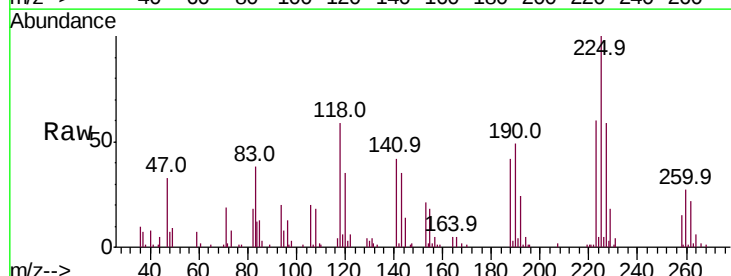
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.637 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066703.D
 Acq: 15 Sep 2020 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.9
227	63.3	31.3	93.9

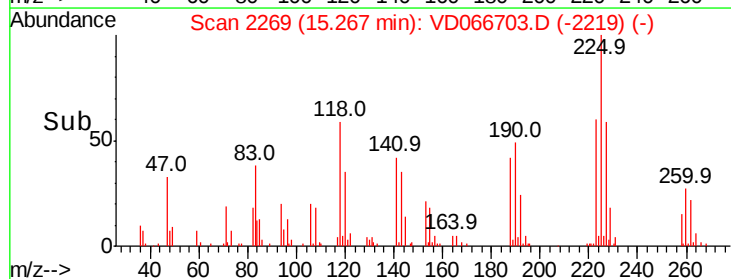
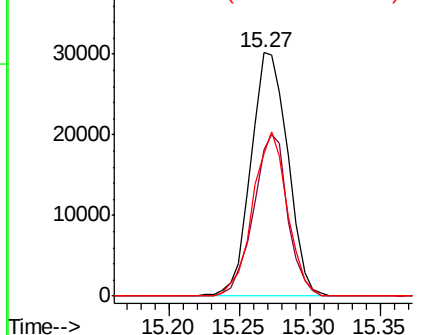


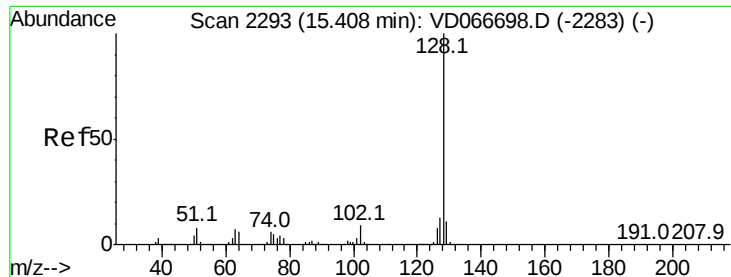
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

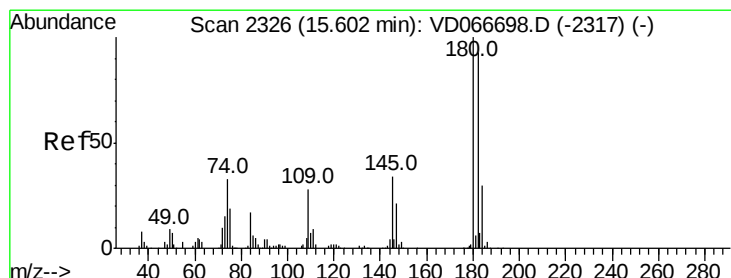
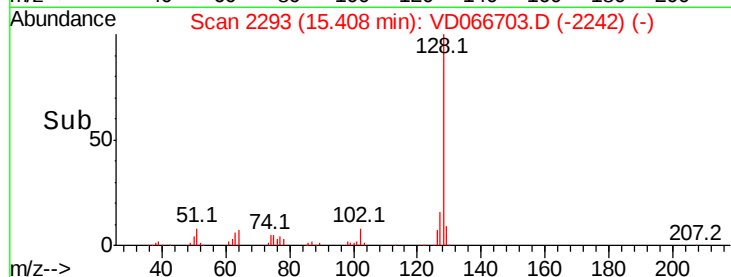
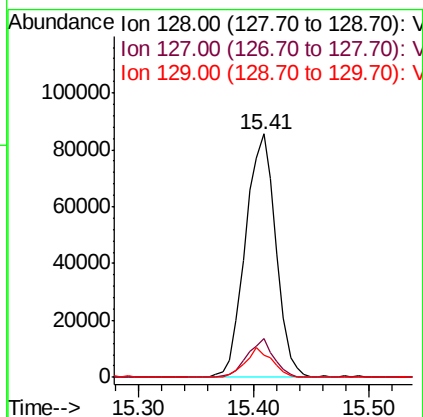
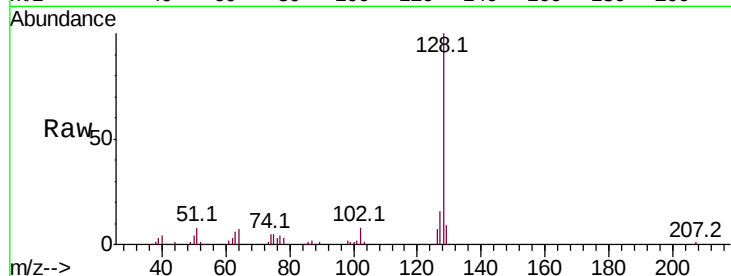




#95
Naphthalene
Concen: 18.290 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.421 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066703.D
Acq: 15 Sep 2020 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.6	139.8
145	33.1	17.1	51.3

