

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066677.D
 Acq On : 14 Sep 2020 16:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	657138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	612978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	259130	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
35) Dibromofluoromethane	7.91	113	235562	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.34	98	852224	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	301153	57.32	ug/l	0.00
Spiked Amount			Recovery	=	114.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	170809	52.443	ug/l	91
3) Chloromethane	2.21	50	246758	49.288	ug/l	96
4) Vinyl Chloride	2.35	62	271025	48.809	ug/l	99
5) Bromomethane	2.77	94	193264	55.559	ug/l	83
6) Chloroethane	2.92	64	176829	50.137	ug/l	97
7) Trichlorofluoromethane	3.27	101	402975	49.125	ug/l	98
8) Diethyl Ether	3.71	74	111500	53.979	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	221073	49.796	ug/l	99
10) Methyl Iodide	4.30	142	200875	49.637	ug/l	100
11) Tert butyl alcohol	5.21	59	83854	286.529	ug/l	100
12) 1,1-Dichloroethene	4.07	96	205862	51.613	ug/l	86
13) Acrolein	3.93	56	52054	265.789	ug/l	94
14) Allyl chloride	4.72	41	350771	53.661	ug/l	99
15) Acrylonitrile	5.42	53	241033	271.635	ug/l	98
16) Acetone	4.16	43	216395	245.538	ug/l	95
17) Carbon Disulfide	4.41	76	609824	46.509	ug/l	98
18) Methyl Acetate	4.72	43	114397	54.452	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	542679	58.020	ug/l	97
20) Methylene Chloride	4.96	84	268022	56.689	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	243335	51.376	ug/l	98
22) Diisopropyl ether	6.36	45	755532	56.206	ug/l	99
23) Vinyl Acetate	6.30	43	2201041	287.734	ug/l	96
24) 1,1-Dichloroethane	6.26	63	454535	53.771	ug/l	97
25) 2-Butanone	7.21	43	317463	268.341	ug/l	98
26) 2,2-Dichloropropane	7.21	77	395956	51.065	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	280416	55.055	ug/l	99
28) Bromochloromethane	7.54	49	155927	47.912	ug/l	96
29) Tetrahydrofuran	7.56	42	200193	271.706	ug/l	99
30) Chloroform	7.71	83	476946	53.332	ug/l	96
31) Cyclohexane	7.98	56	371643	47.561	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	439195	52.235	ug/l	99
36) 1,1-Dichloropropene	8.11	75	345978	50.590	ug/l	100
37) Ethyl Acetate	7.29	43	146092	53.647	ug/l #	95
38) Carbon Tetrachloride	8.09	117	393290	54.408	ug/l	99

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

39) Methylcyclohexane	9.35	83	399930	52.370	ug/l	98
40) Benzene	8.34	78	964516	51.496	ug/l	99
41) Methacrylonitrile	7.56	41	205185	155.657	ug/l #	33
42) 1,2-Dichloroethane	8.42	62	317385	52.299	ug/l	100
43) Isopropyl Acetate	8.44	43	294332	56.400	ug/l	99
44) Trichloroethene	9.11	130	256835	52.276	ug/l	95
45) 1,2-Dichloropropane	9.38	63	248522	52.762	ug/l	93
46) Dibromomethane	9.47	93	138655	53.356	ug/l	97
47) Bromodichloromethane	9.66	83	376717	53.581	ug/l	99
48) Methyl methacrylate	9.46	41	140298	53.166	ug/l	94
49) 1,4-Dioxane	9.46	88	30928	1084.824	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	749666	284.835	ug/l	99
52) Toluene	10.40	92	636633	53.696	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	343045	55.271	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	397644	53.350	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	186081	55.692	ug/l	97
56) Ethyl methacrylate	10.66	69	230558	59.264	ug/l	96
57) 1,3-Dichloropropane	10.94	76	316307	54.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	449580	252.653	ug/l	98
59) 2-Hexanone	10.98	43	509668	287.960	ug/l	100
60) Dibromochloromethane	11.14	129	247901	56.107	ug/l	97
61) 1,2-Dibromoethane	11.24	107	176456	54.283	ug/l	97
64) Tetrachloroethene	10.87	164	209628	50.792	ug/l	93
65) Chlorobenzene	11.67	112	656411	51.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	254317	52.671	ug/l	98
67) Ethyl Benzene	11.74	91	1238220	53.302	ug/l	100
68) m/p-Xylenes	11.85	106	920407	106.707	ug/l	96
69) o-Xylene	12.18	106	425402	55.032	ug/l	98
70) Styrene	12.19	104	735057	54.696	ug/l	96
71) Bromoform	12.36	173	134131	55.121	ug/l #	99
73) Isopropylbenzene	12.48	105	1179701	55.589	ug/l	100
74) N-amyl acetate	12.28	43	272281	56.649	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	200215	53.402	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	269721	97.845	ug/l #	100
77) Bromobenzene	12.76	156	259091	54.762	ug/l	99
78) n-propylbenzene	12.82	91	1411088	54.850	ug/l	100
79) 2-Chlorotoluene	12.91	91	802361	55.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1014955	56.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	61853	52.385	ug/l	98
82) 4-Chlorotoluene	13.01	91	843970	54.685	ug/l	100
83) tert-Butylbenzene	13.23	119	837549	57.421	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1025485	57.665	ug/l	98
85) sec-Butylbenzene	13.40	105	1175395	55.932	ug/l	99
86) p-Isopropyltoluene	13.51	119	1085655	57.398	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	509547	54.249	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	499495	52.983	ug/l	100
89) n-Butylbenzene	13.84	91	1002674	54.399	ug/l	98
90) Hexachloroethane	14.11	117	214395	52.606	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	439588	53.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	35397	55.579	ug/l	96

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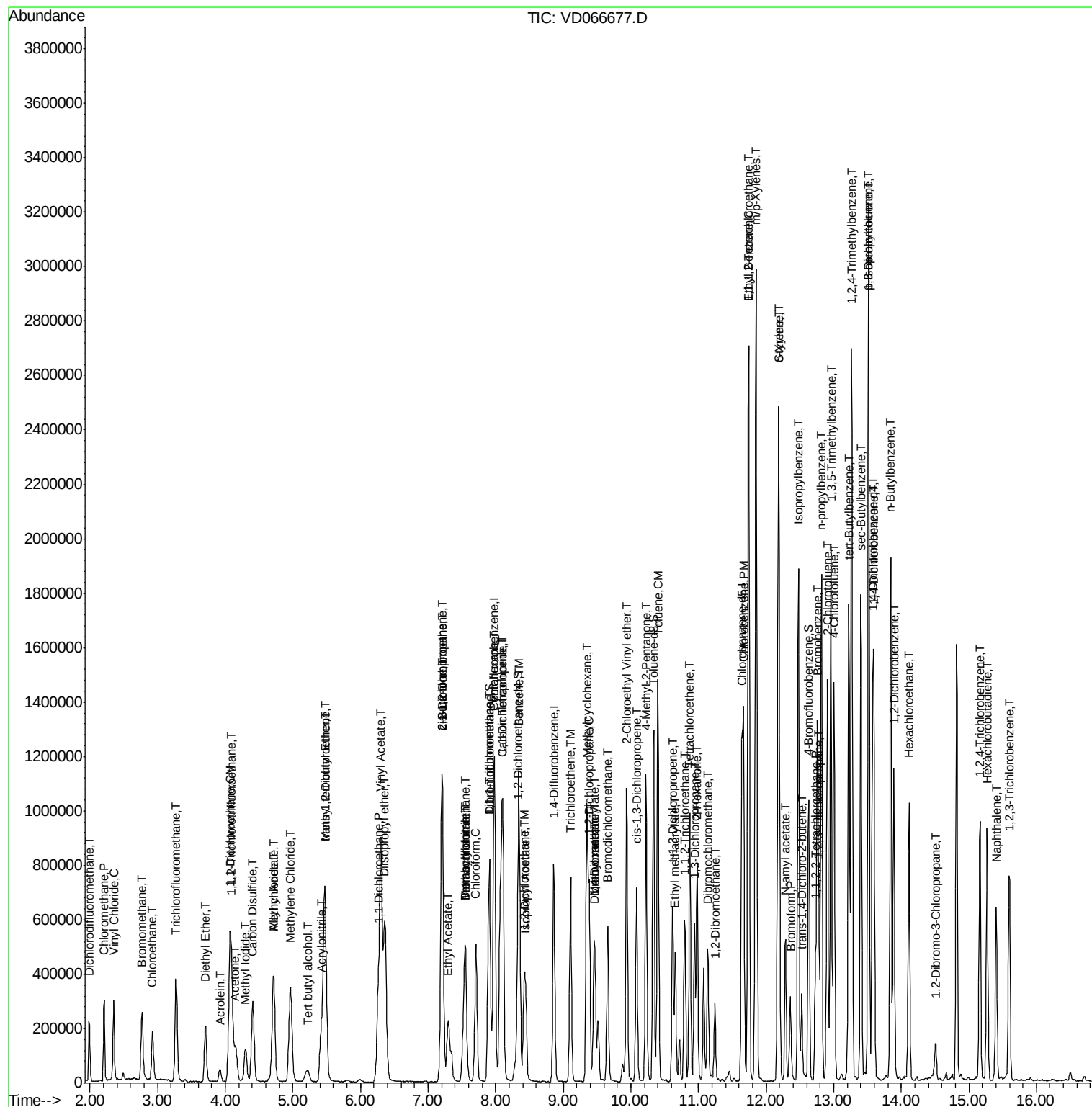
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	275011	55.815	ug/l	99
94) Hexachlorobutadiene	15.27	225	163096	55.098	ug/l	98
95) Naphthalene	15.41	128	548963	63.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	241572	57.507	ug/l	99

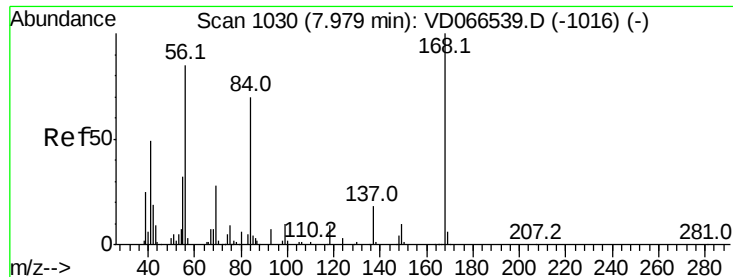
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
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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: VD066677.D

Acq: 14 Sep 2020 16:59

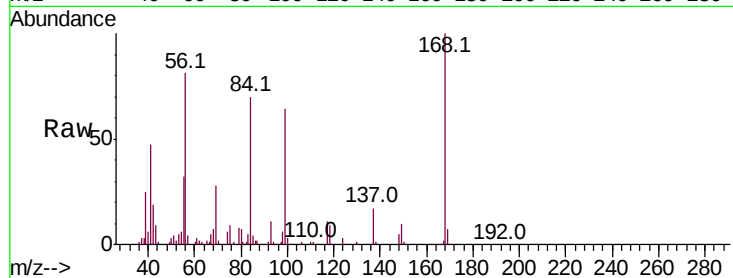
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 395882

Ion Ratio Lower Upper

168 100

99 63.5 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

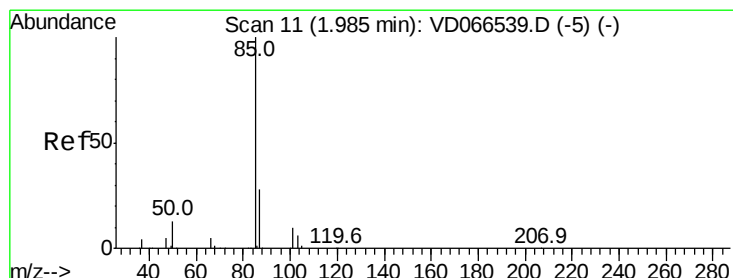
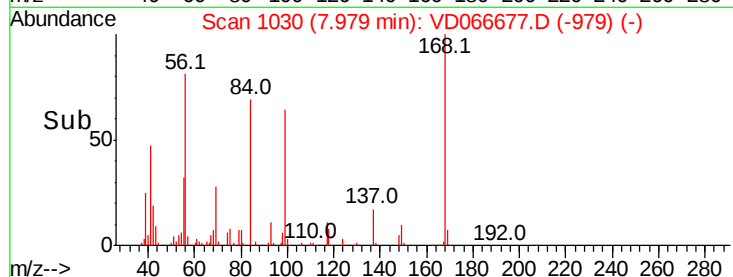
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.443 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066677.D

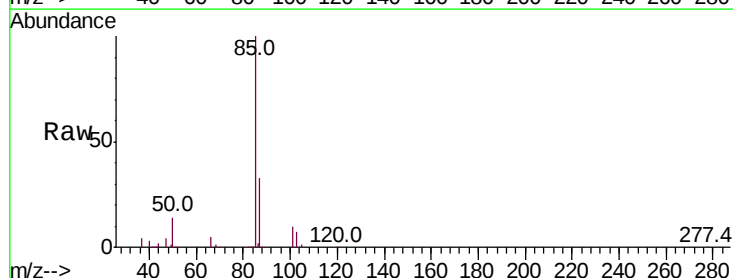
Acq: 14 Sep 2020 16:59

Tgt Ion: 85 Resp: 170809

Ion Ratio Lower Upper

85 100

87 33.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

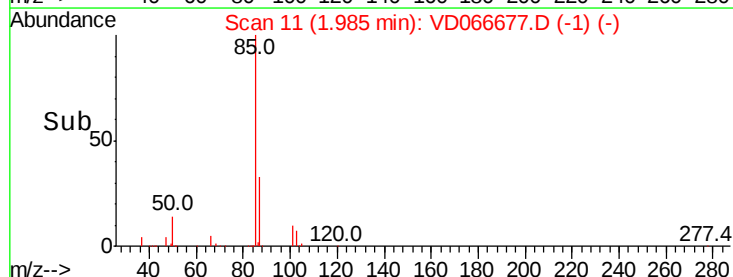
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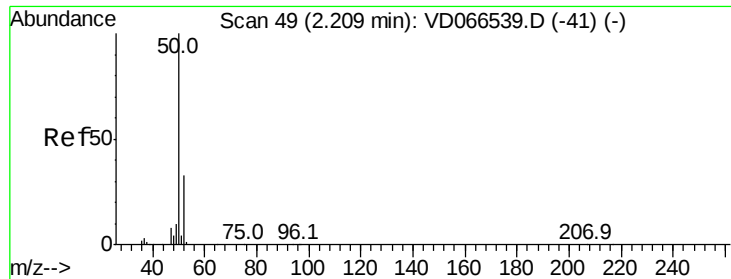
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.288 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

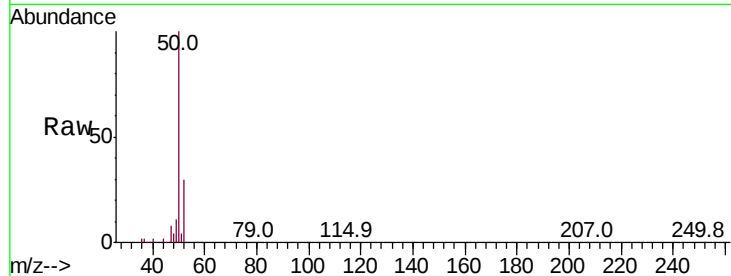
ClientSampleId :

Tot Ion: 50 Resp: 246758

Ion Ratio Lower Upper

50 100

52 30.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

150000

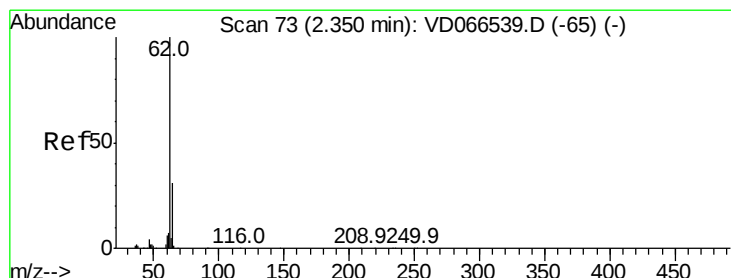
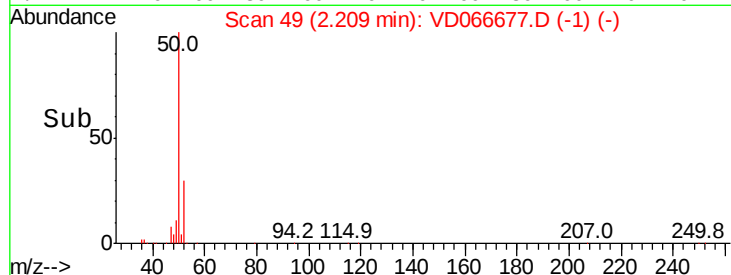
100000

50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 48.809 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066677.D

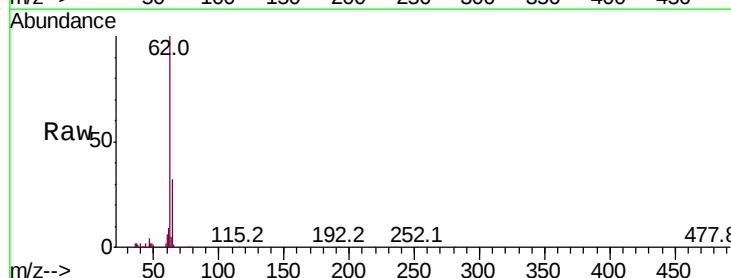
Acq: 14 Sep 2020 16:59

Tgt Ion: 62 Resp: 271025

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

200000

150000

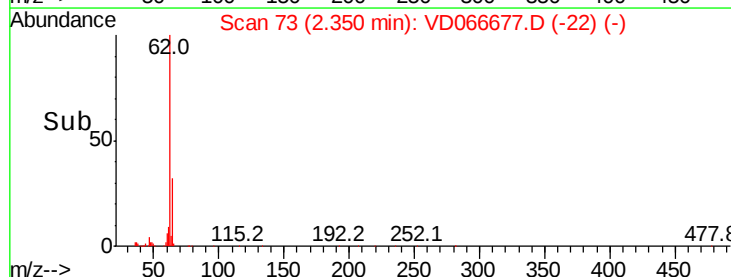
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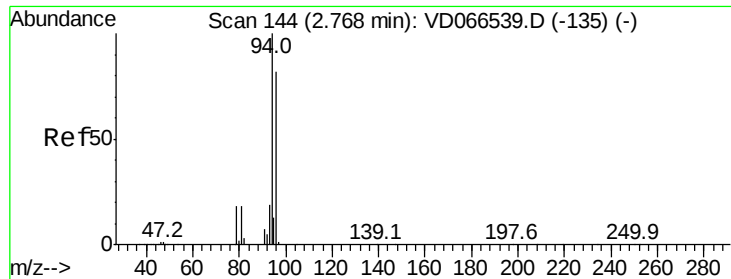
50000

0

Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 55.559 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

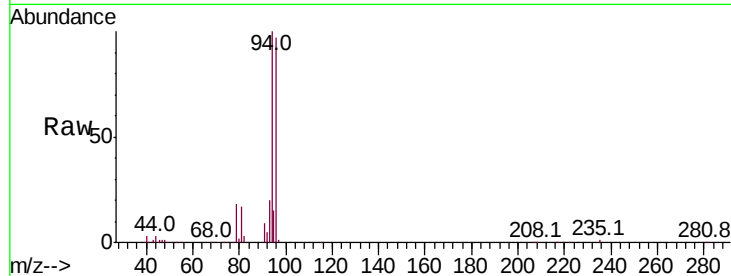
ClientSampleId :

Tot Ion: 94 Resp: 193264

Ion Ratio Lower Upper

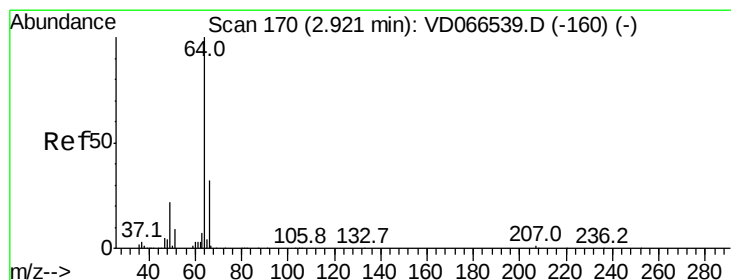
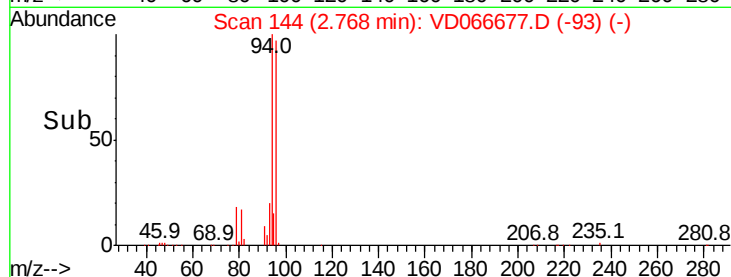
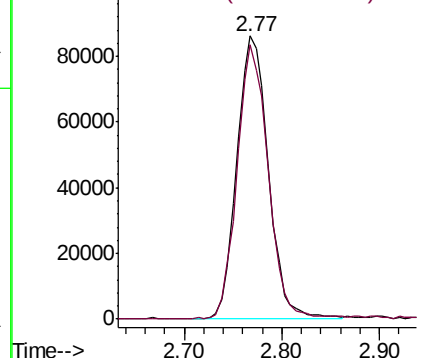
94 100

96 96.9 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.137 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066677.D

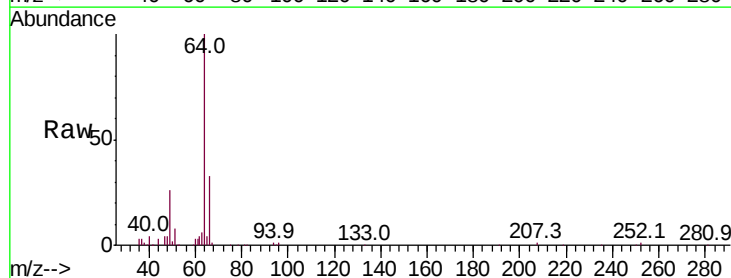
Acq: 14 Sep 2020 16:59

Tgt Ion: 64 Resp: 176829

Ion Ratio Lower Upper

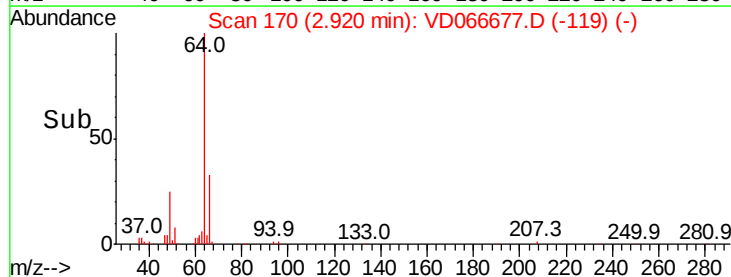
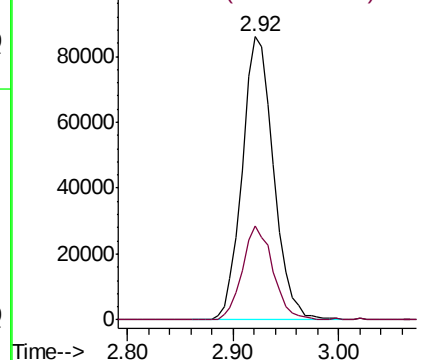
64 100

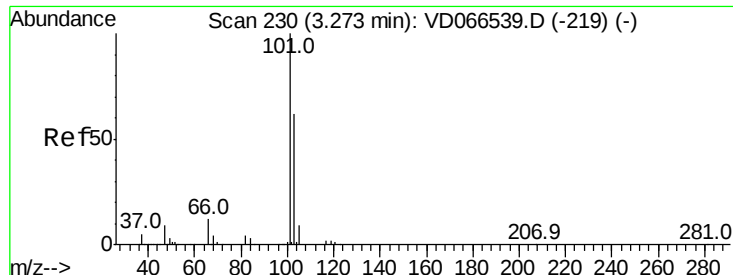
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



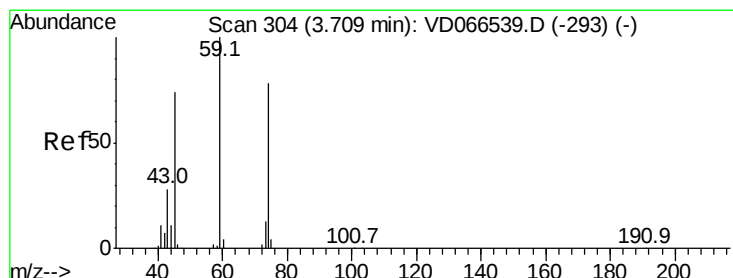
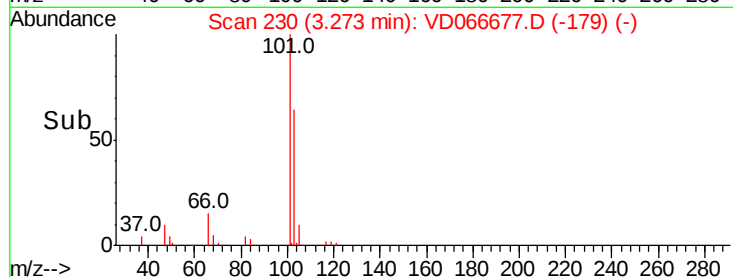
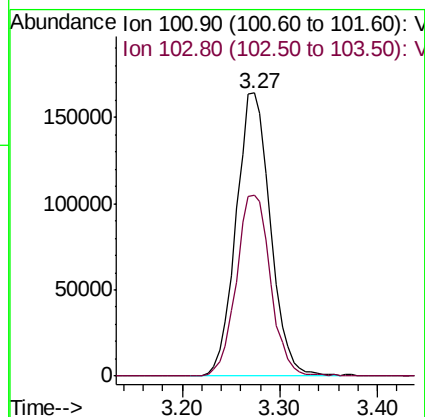
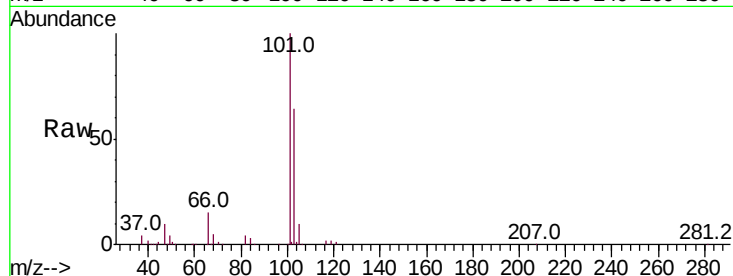


#7

Trichlorofluoromethane
Concen: 49.125 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :

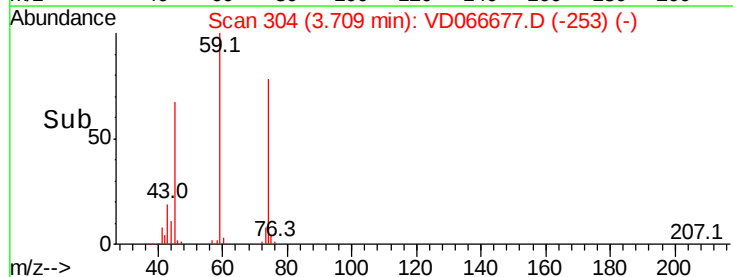
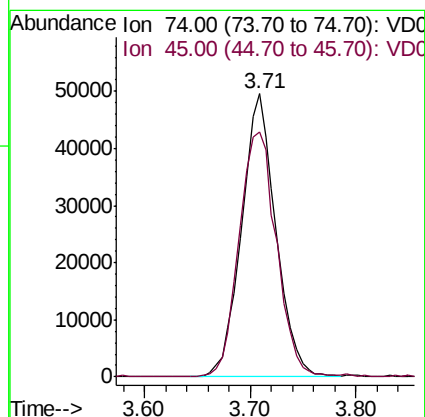
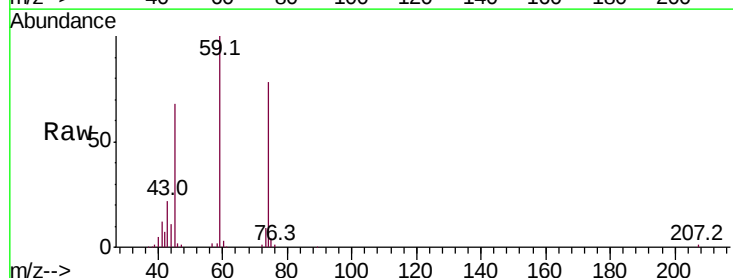
Tot Ion:101 Resp: 402975
Ion Ratio Lower Upper
101 100
103 63.7 49.7 74.5

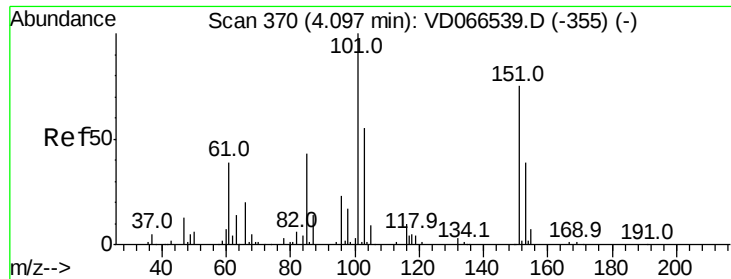


#8

Diethyl Ether
Concen: 53.979 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 74 Resp: 111500
Ion Ratio Lower Upper
74 100
45 94.8 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.796 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066677.D

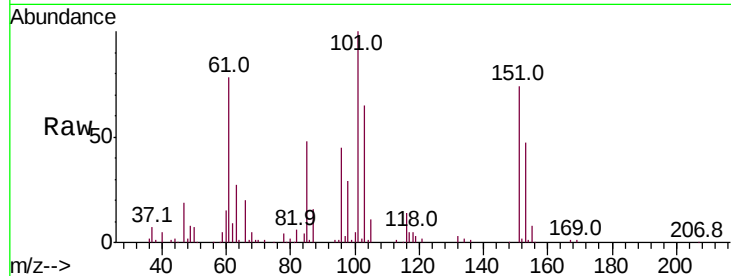
Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

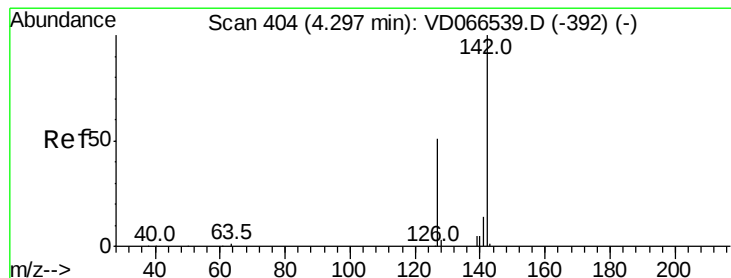
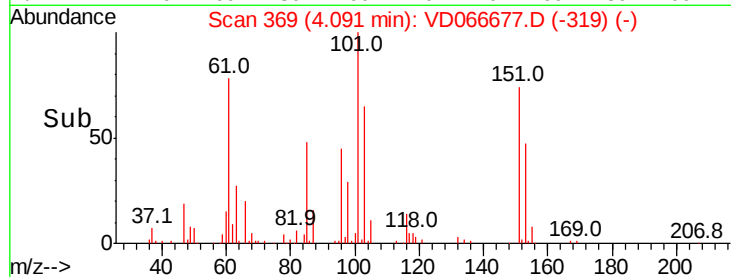
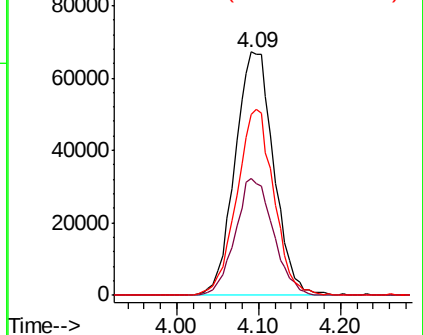
Tot Ion:	101	Resp:	221073
Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.0	55.6
151	73.3	59.4	89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.637 ug/l

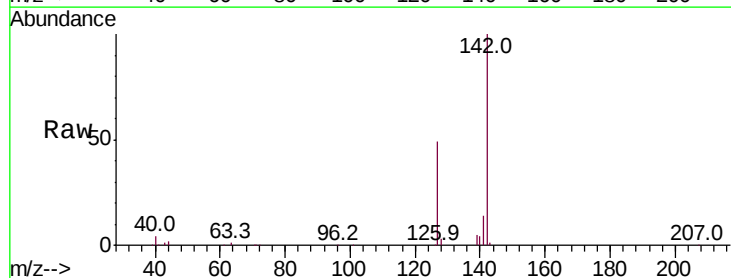
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

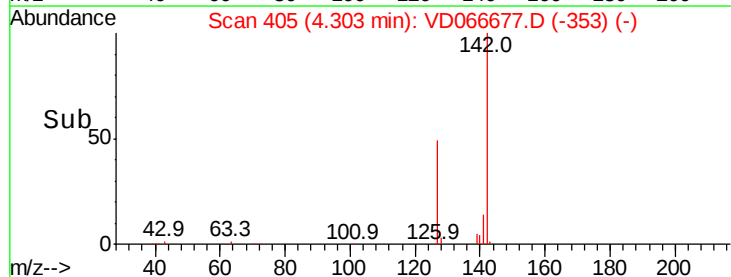
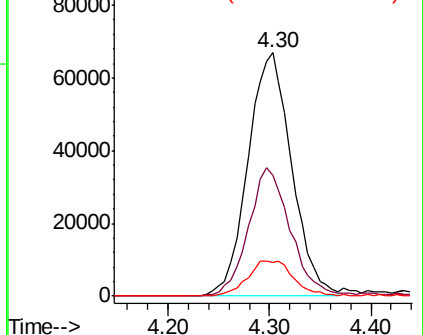
Tgt Ion:	142	Resp:	200875
Ion	Ratio	Lower	Upper
142	100		
127	50.4	40.6	61.0
141	15.4	12.2	18.4

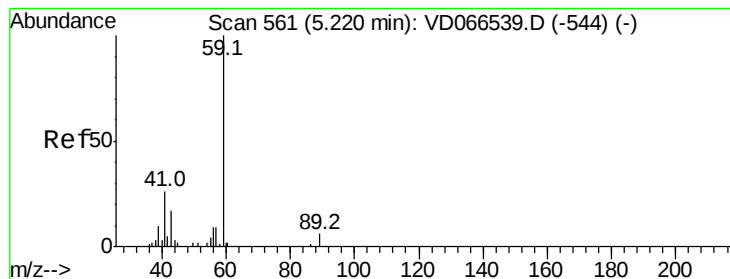


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 286.529 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

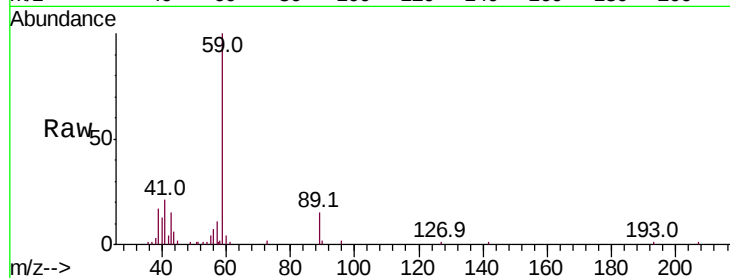
ClientSampled :

Tot Ion: 59 Resp: 83854

Ion Ratio Lower Upper

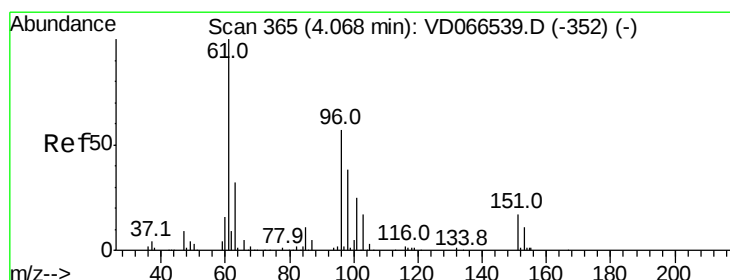
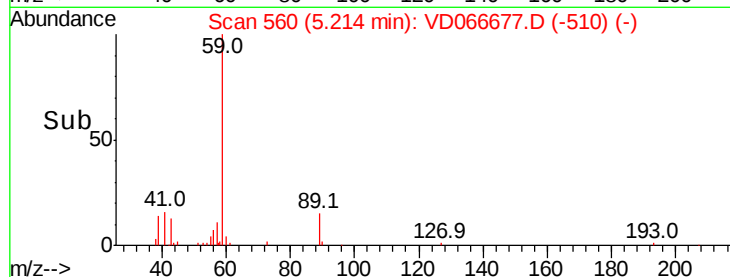
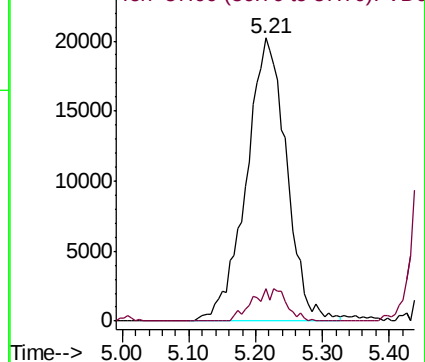
59 100

57 9.7 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 51.613 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

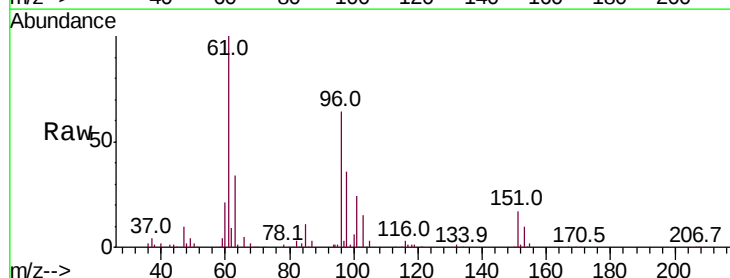
Tgt Ion: 96 Resp: 205862

Ion Ratio Lower Upper

96 100

61 157.1 140.9 211.3

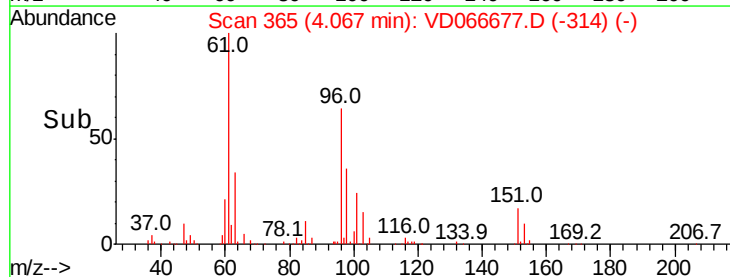
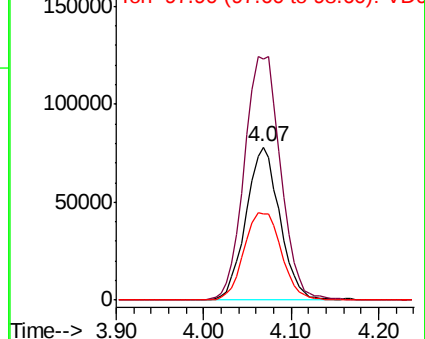
98 55.8 53.2 79.8

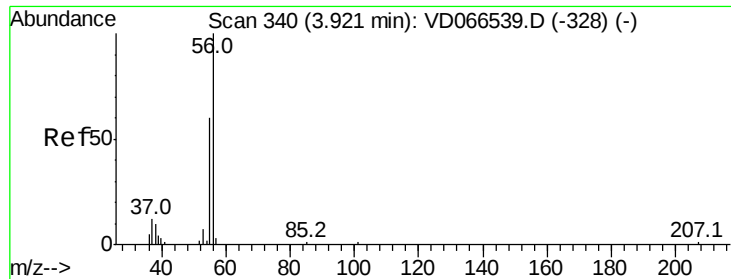


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 265.789 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

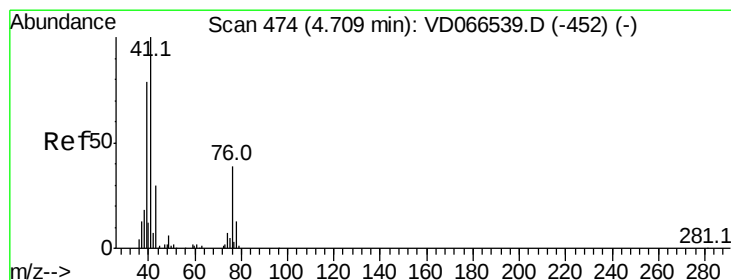
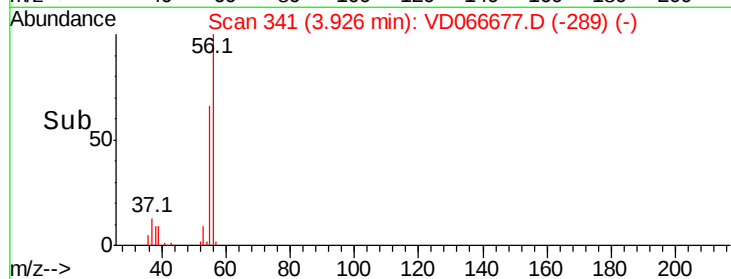
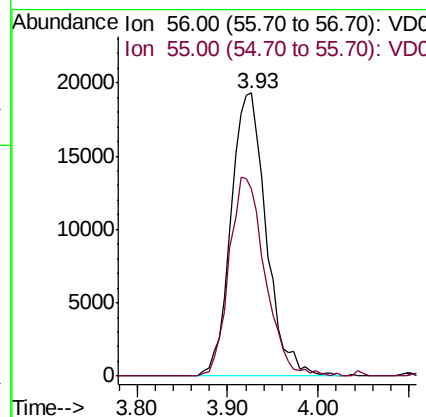
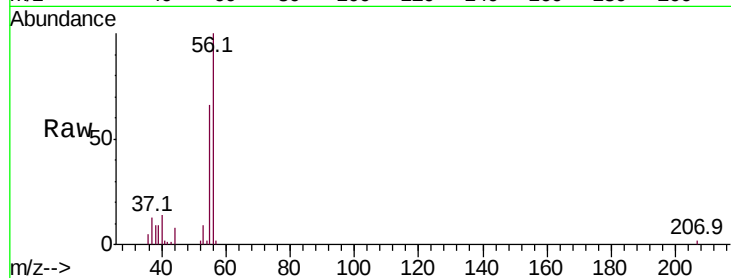
ClientSampleId :

Tot Ion: 56 Resp: 52054

Ion Ratio Lower Upper

56 100

55 71.6 53.6 80.4



#14

Allyl chloride

Concen: 53.661 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

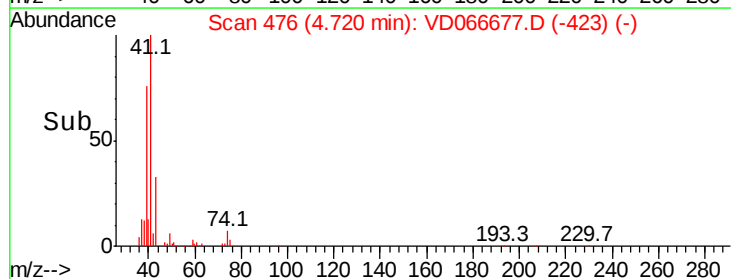
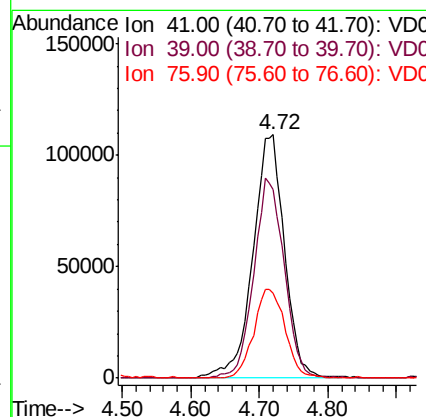
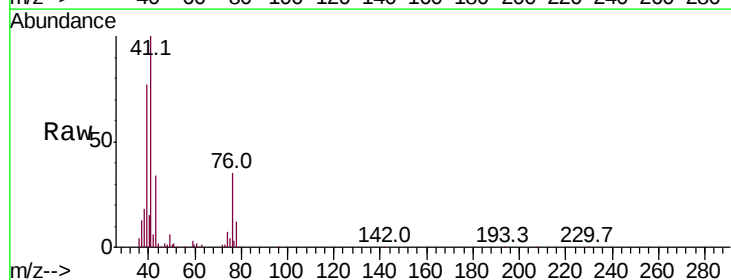
Tgt Ion: 41 Resp: 350771

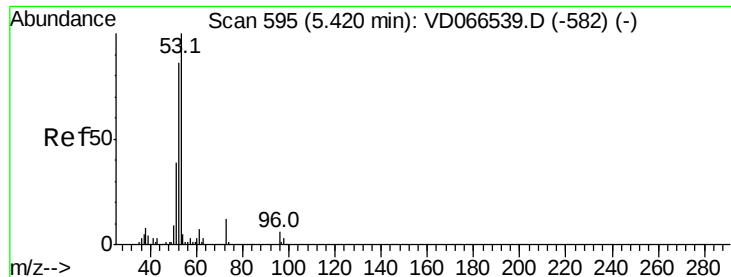
Ion Ratio Lower Upper

41 100

39 79.0 61.9 92.9

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 271.635 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

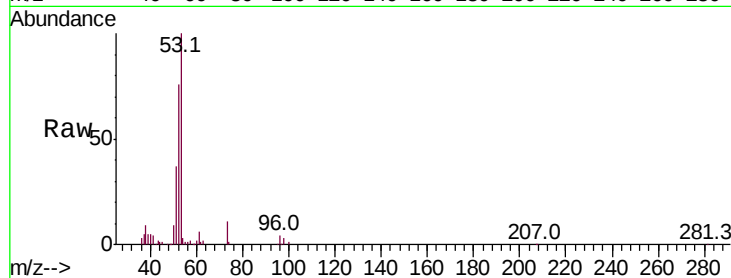
Tot Ion: 53 Resp: 241033

Ion Ratio Lower Upper

53 100

52 83.6 65.4 98.2

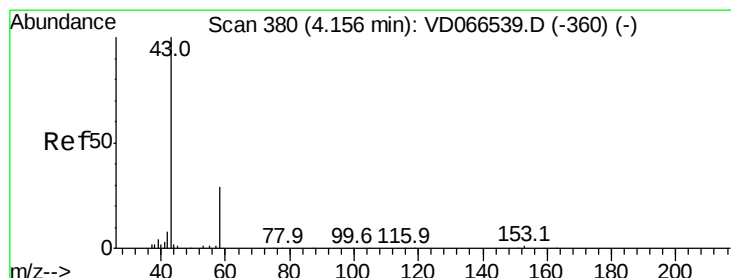
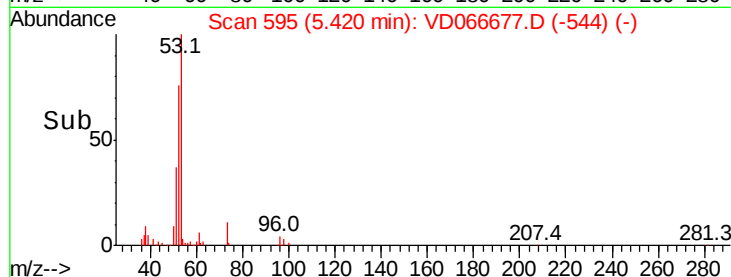
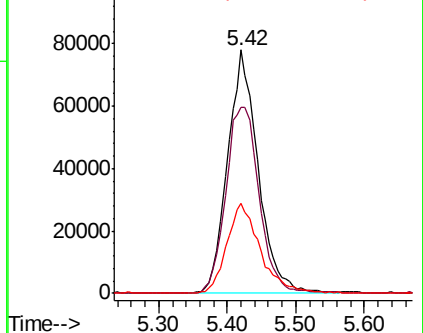
51 40.3 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 245.538 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066677.D

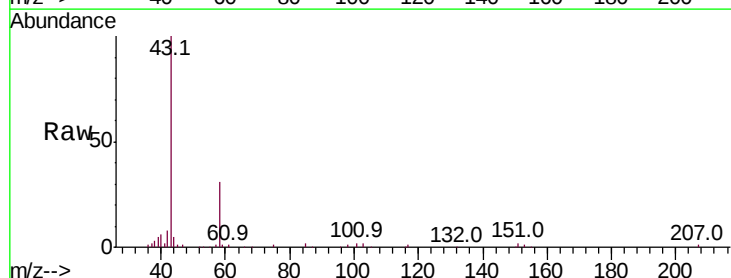
Acq: 14 Sep 2020 16:59

Tgt Ion: 43 Resp: 216395

Ion Ratio Lower Upper

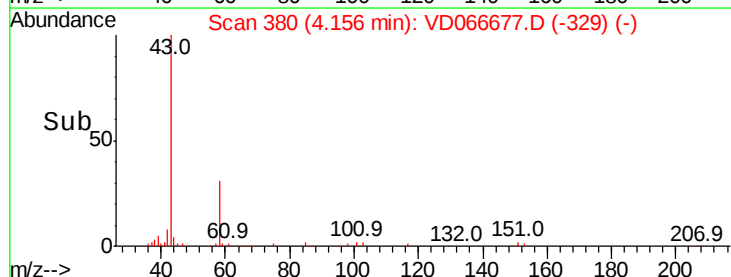
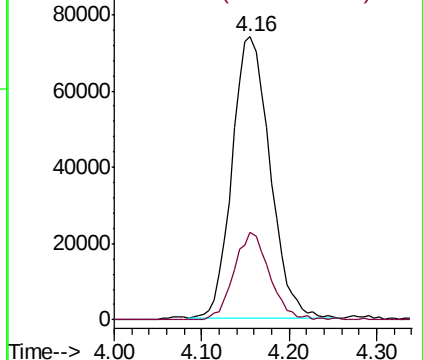
43 100

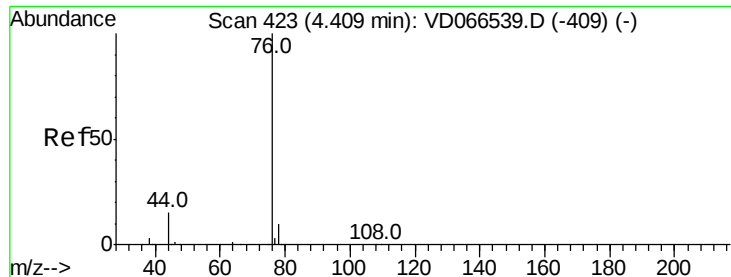
58 31.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

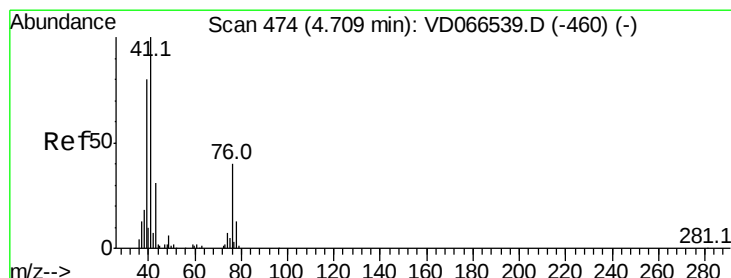
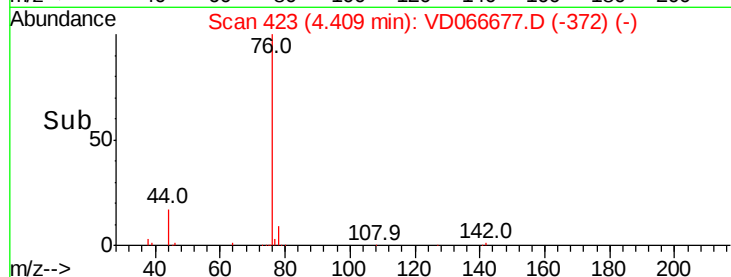
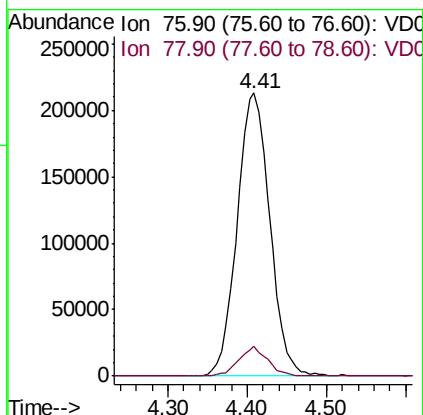
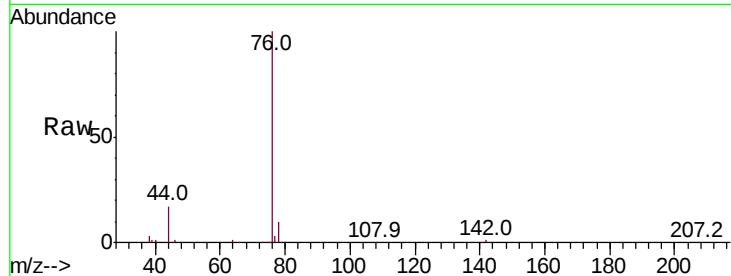




#17
Carbon Disulfide
Concen: 46.509 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

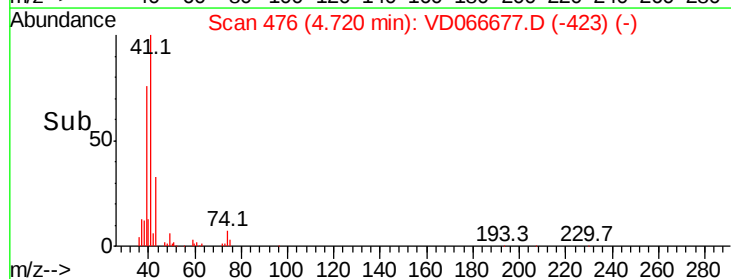
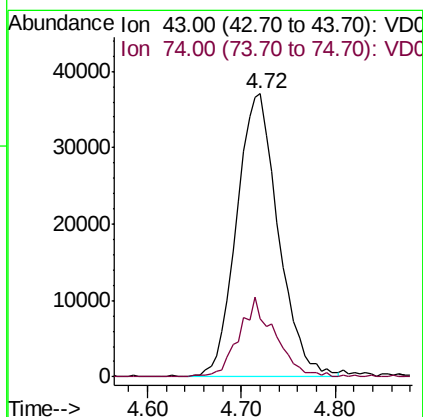
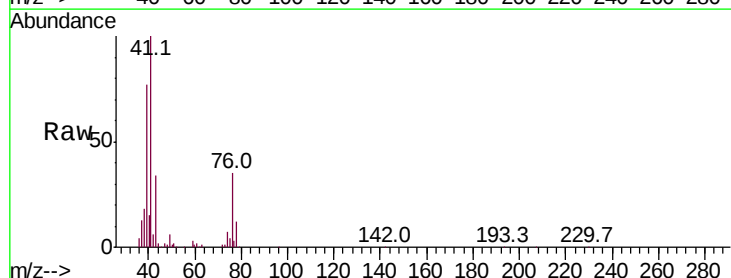
Instrument :
MSVOA_D
ClientSampleId :

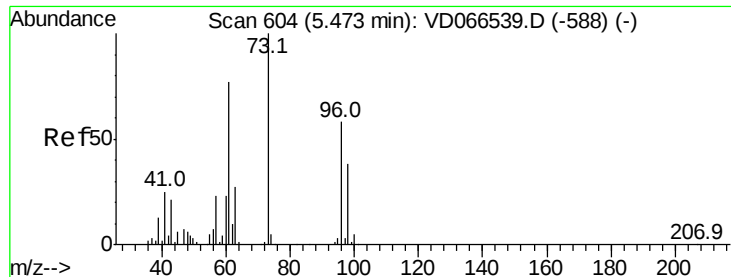
Tot Ion: 76 Resp: 609824
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4



#18
Methyl Acetate
Concen: 54.452 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 43 Resp: 114397
Ion Ratio Lower Upper
43 100
74 24.2 18.0 27.0



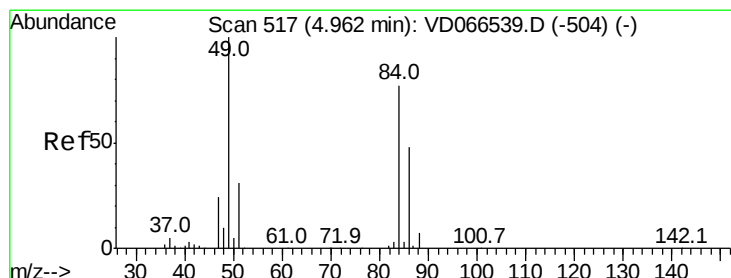
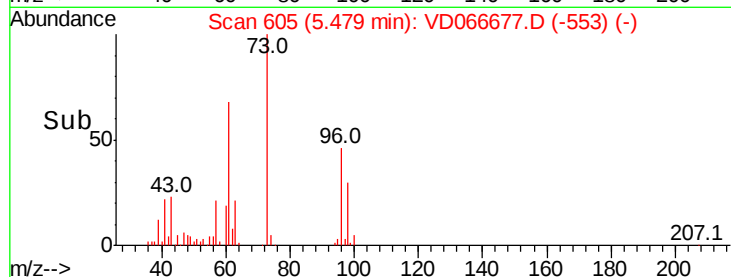
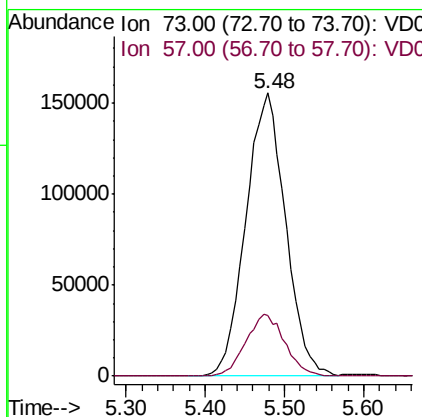
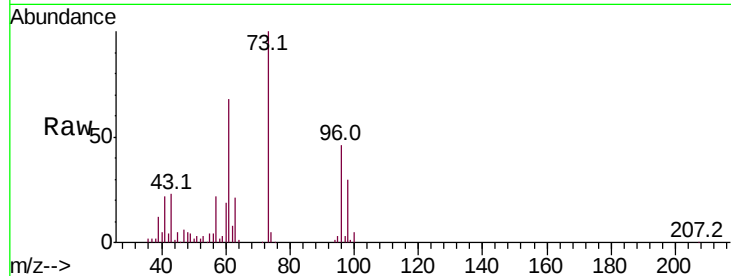


#19

Methyl tert-butyl Ether
 Concen: 58.020 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :

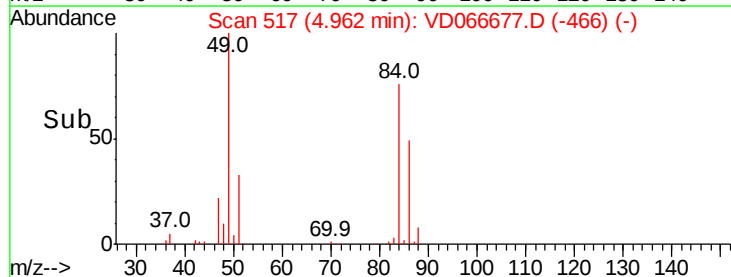
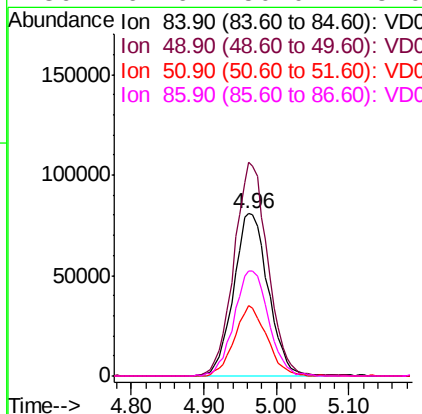
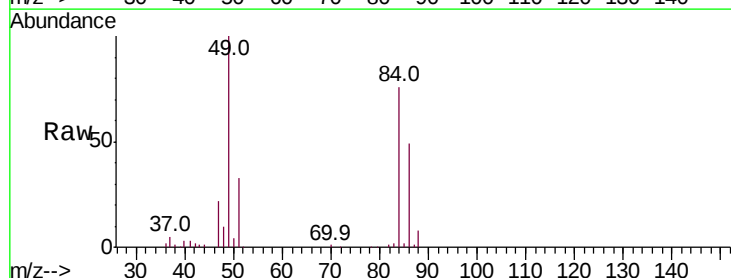
Tot Ion: 73 Resp: 542679
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.3 27.5

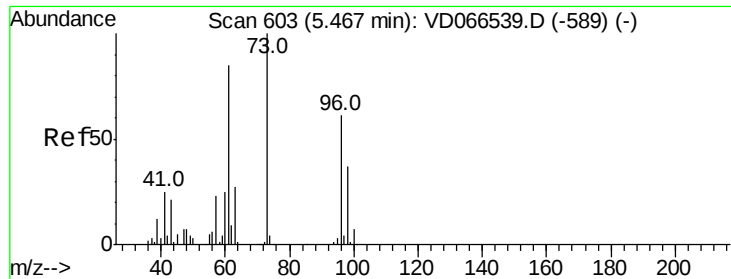


#20

Methylene Chloride
 Concen: 56.689 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 84 Resp: 268022
 Ion Ratio Lower Upper
 84 100
 49 131.8 104.3 156.5
 51 43.5 32.2 48.4
 86 64.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 51.376 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

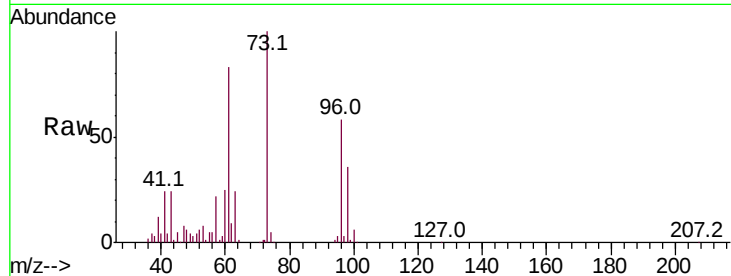
Tot Ion: 96 Resp: 243335

Ion Ratio Lower Upper

96 100

61 142.9 112.1 168.1

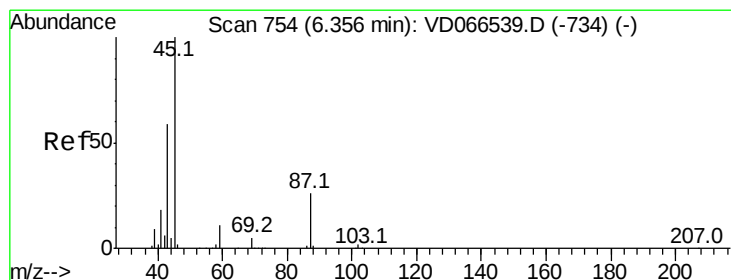
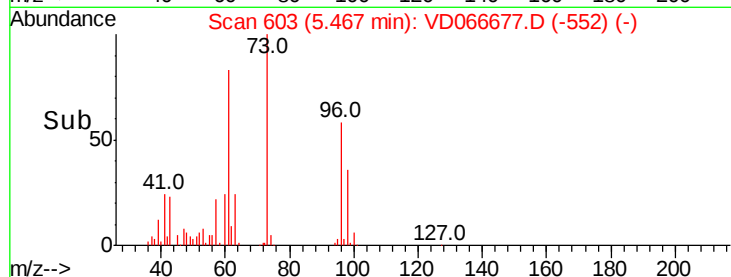
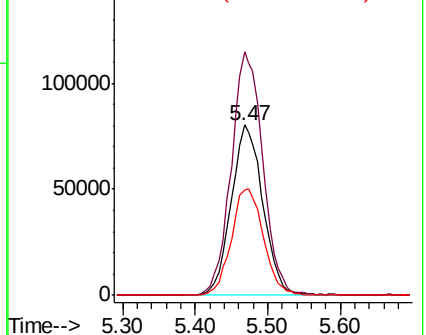
98 62.1 48.6 72.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 56.206 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion: 45 Resp: 755532

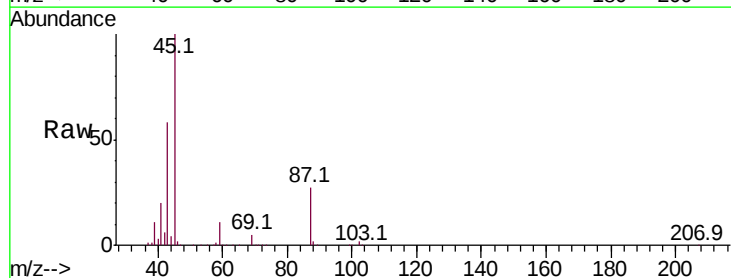
Ion Ratio Lower Upper

45 100

43 57.4 47.0 70.4

87 27.0 21.3 31.9

59 10.6 8.7 13.1

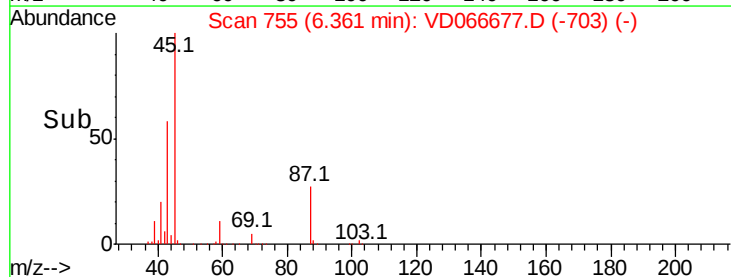
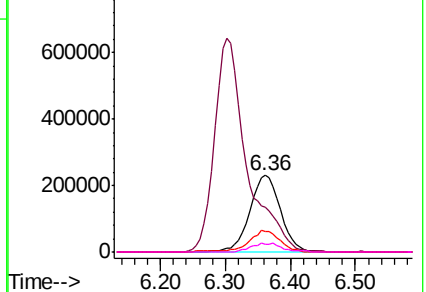


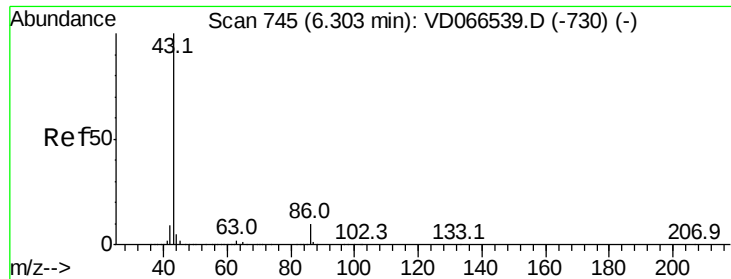
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

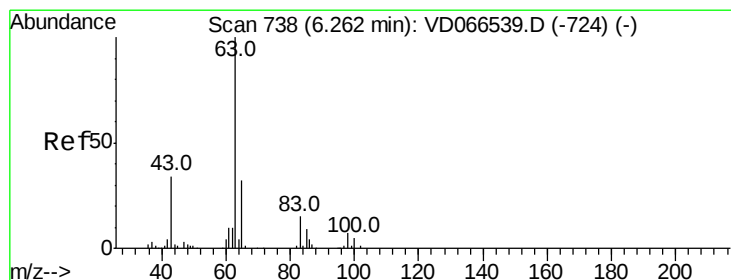
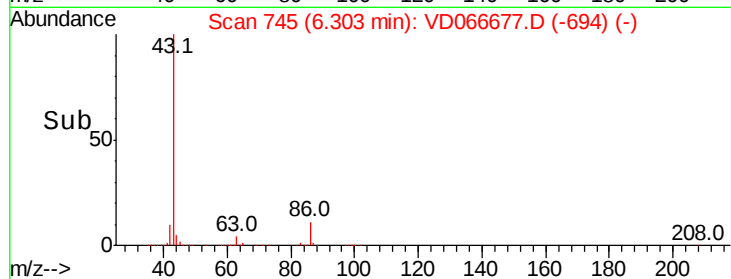
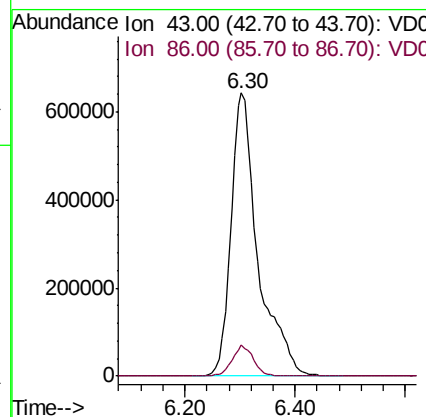
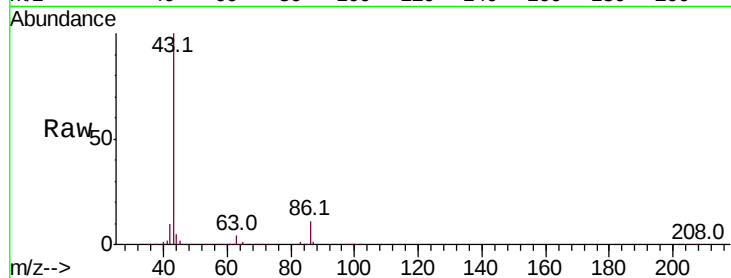




#23
 Vinyl Acetate
 Concen: 287.734 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

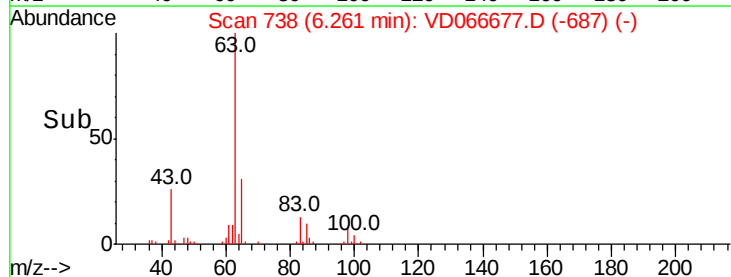
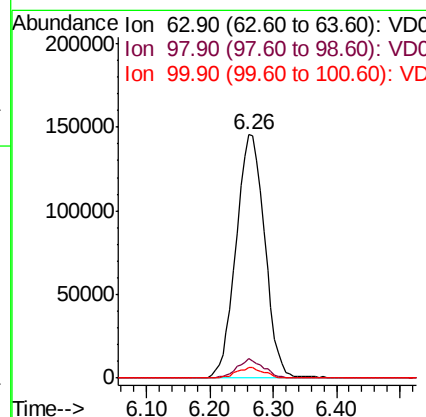
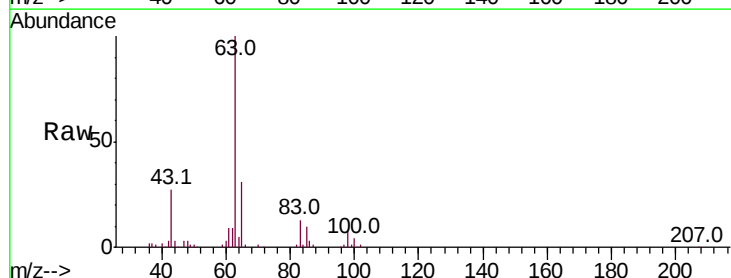
Instrument :
 MSVOA_D
 ClientSampleId :

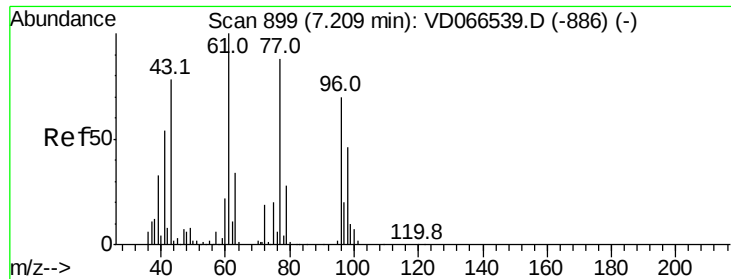
Tot Ion: 43 Resp: 2201041
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 53.771 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 63 Resp: 454535
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.1
 100 4.5 2.5 7.4

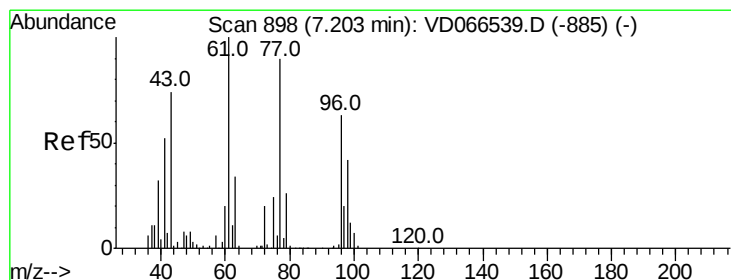
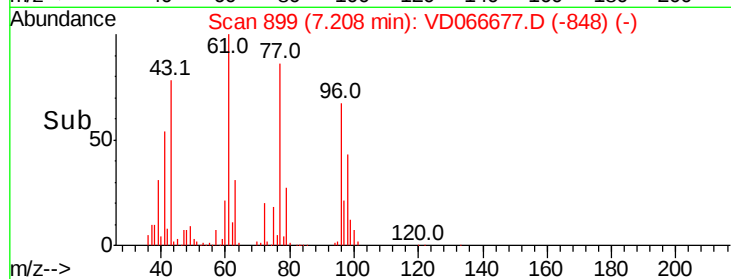
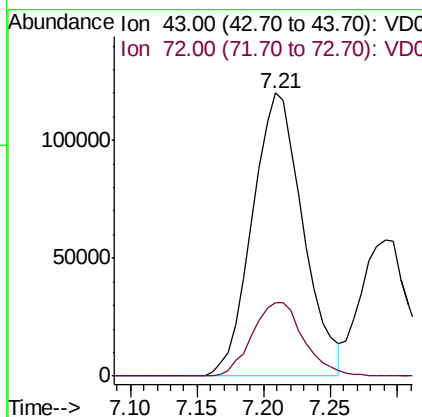
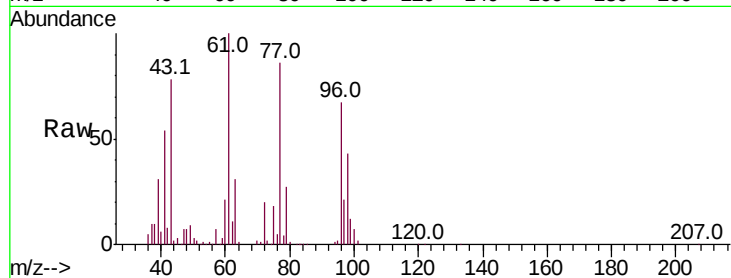




#25
2-Butanone
Concen: 268.341 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

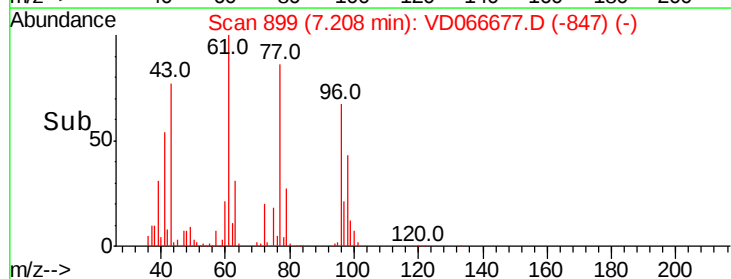
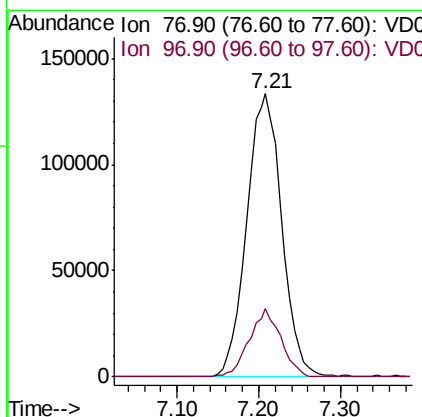
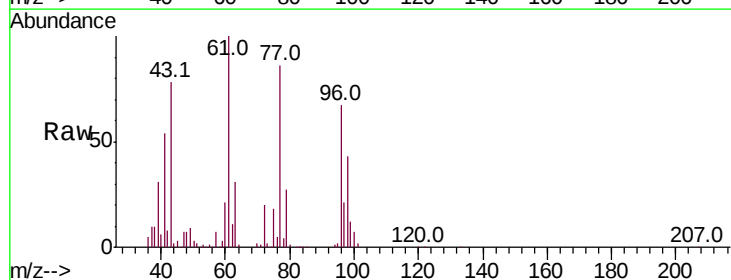
Instrument :
MSVOA_D
ClientSampled :

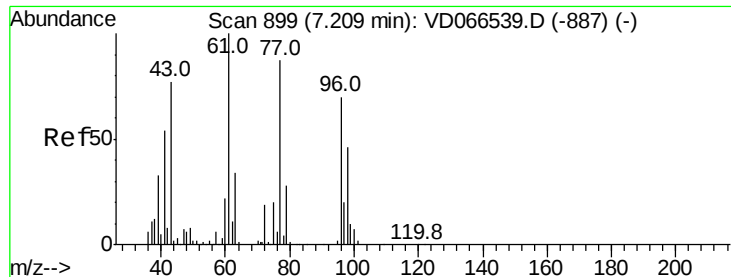
Tot Ion: 43 Resp: 317463
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.6



#26
2,2-Dichloropropane
Concen: 51.065 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 77 Resp: 395956
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3



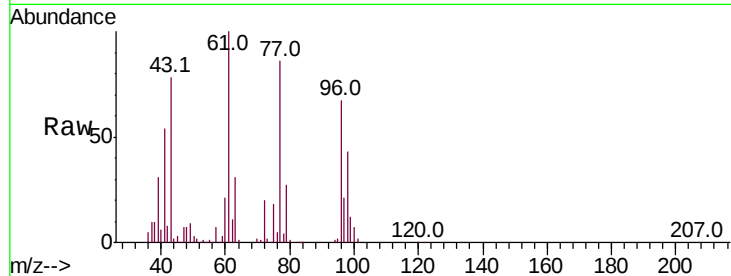


#27

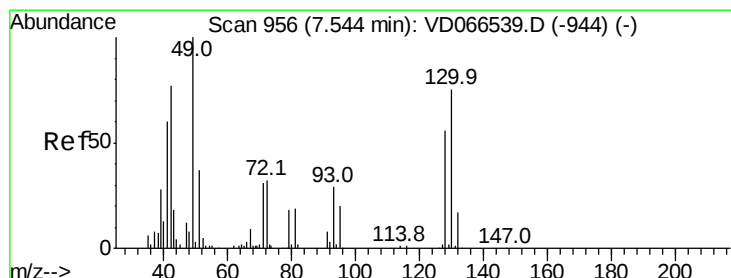
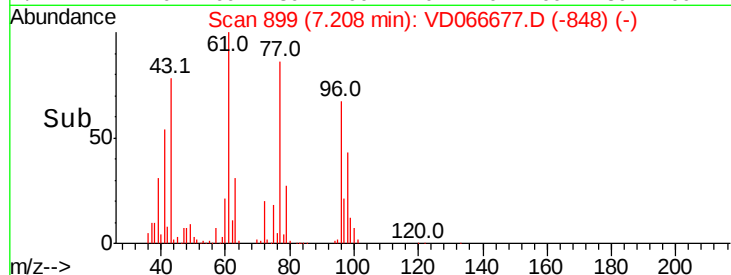
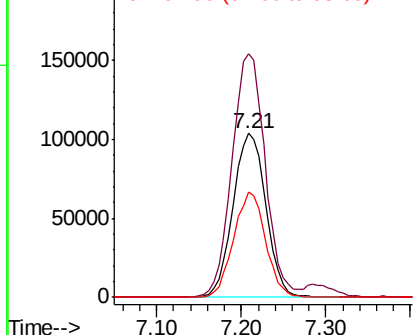
cis-1,2-Dichloroethene
Concen: 55.055 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 280416
Ion Ratio Lower Upper
96 100
61 150.2 0.0 301.0
98 62.3 0.0 129.8



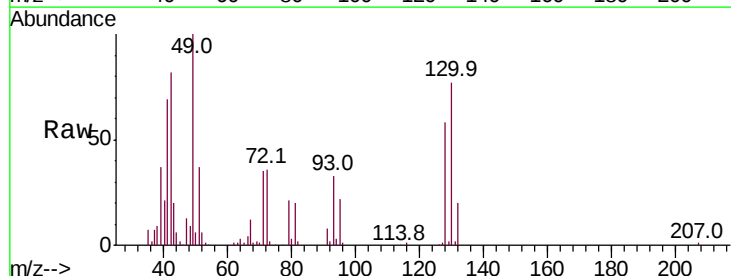
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



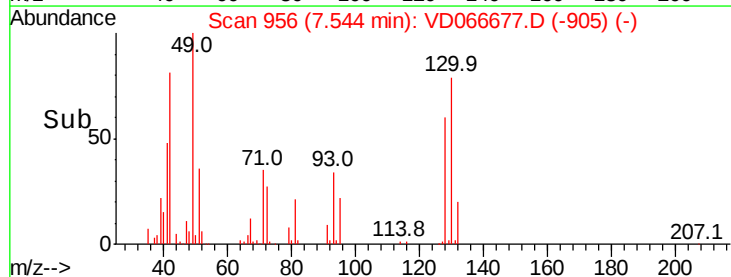
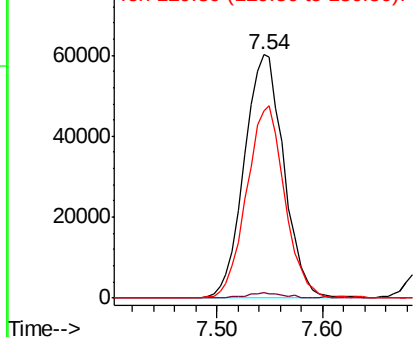
#28

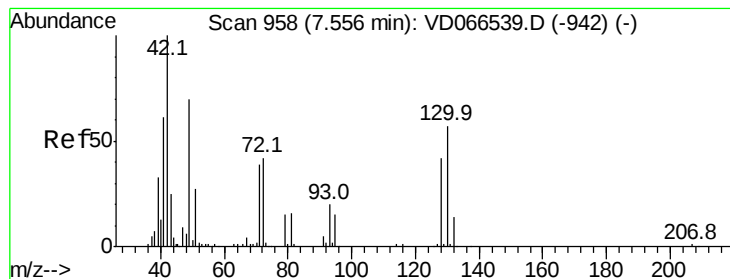
Bromochloromethane
Concen: 47.912 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 49 Resp: 155927
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.6
130 76.3 58.2 87.2



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





#29

Tetrahydrofuran

Concen: 271.706 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

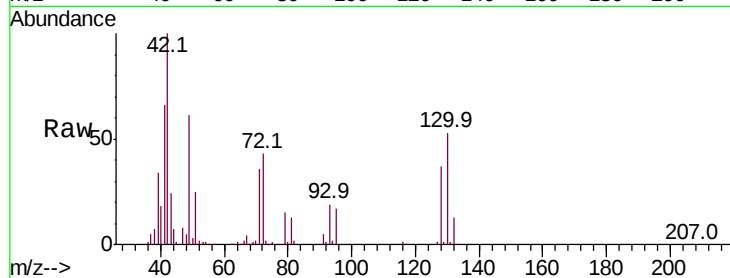
Tot Ion: 42 Resp: 200193

Ion Ratio Lower Upper

42 100

72 42.9 33.4 50.0

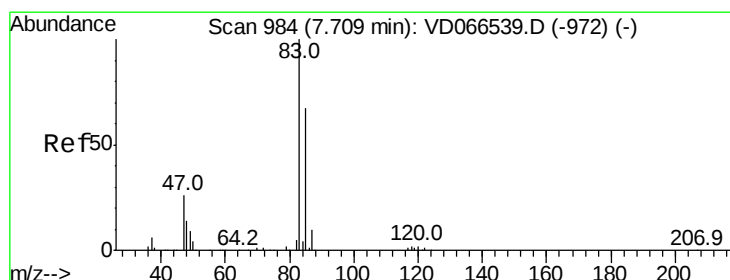
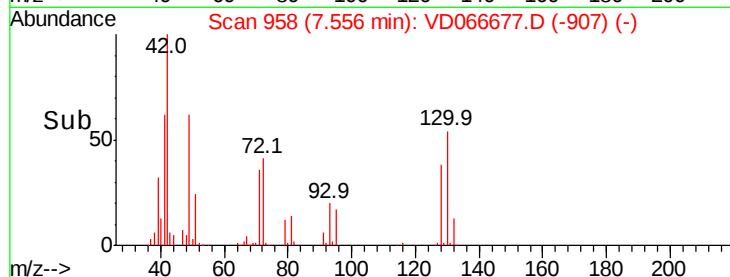
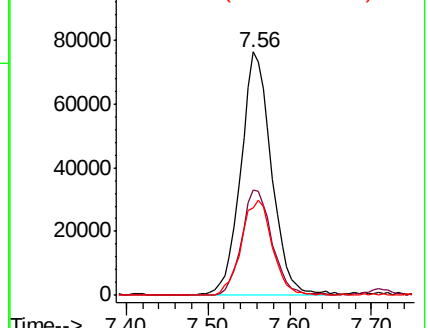
71 39.3 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.332 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066677.D

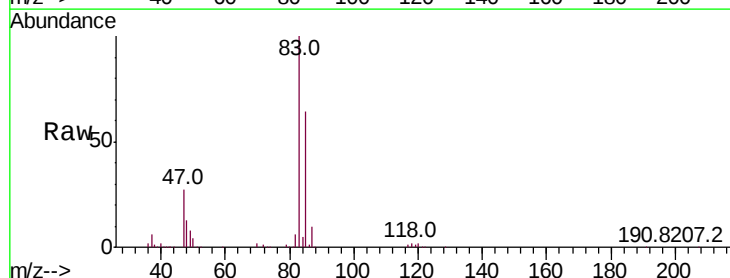
Acq: 14 Sep 2020 16:59

Tgt Ion: 83 Resp: 476946

Ion Ratio Lower Upper

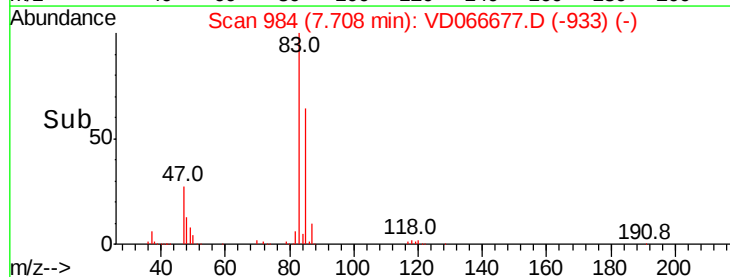
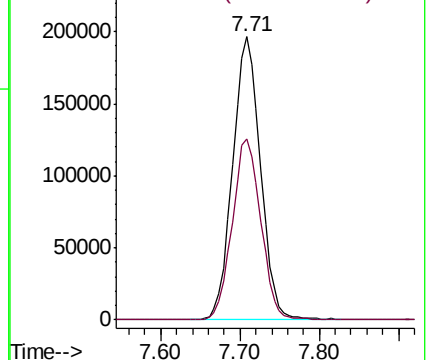
83 100

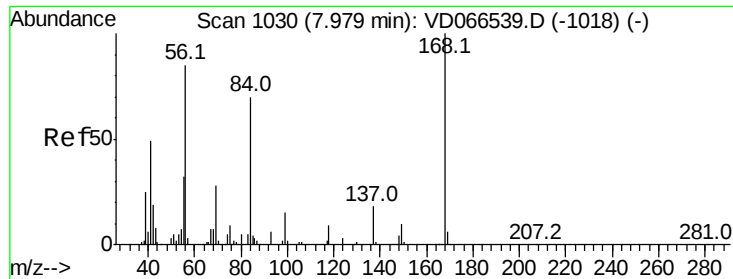
85 63.9 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

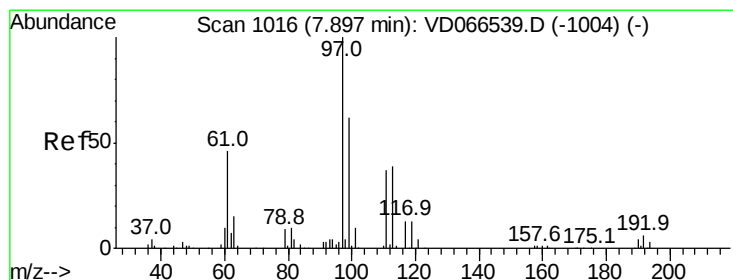
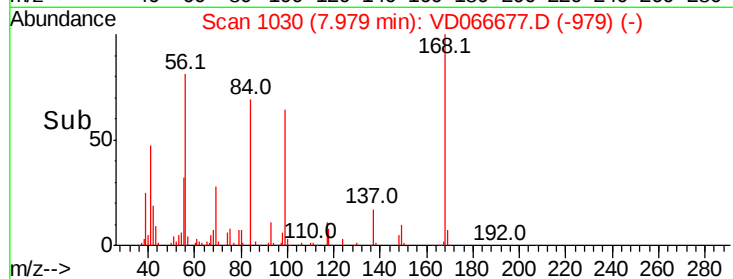
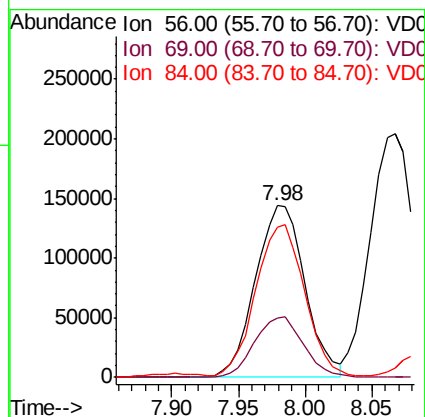
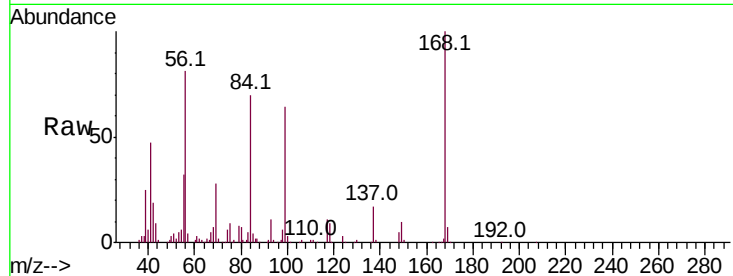




#31
Cyclohexane
Concen: 47.561 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

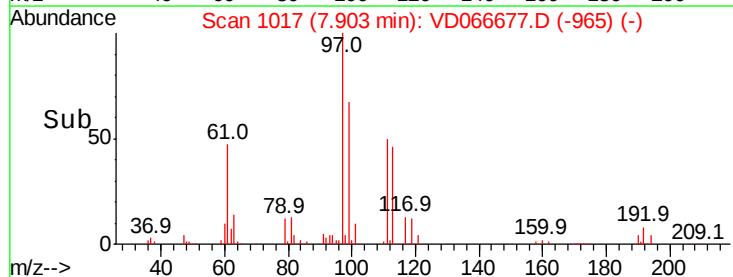
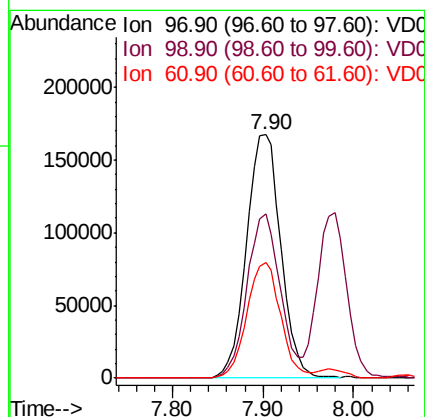
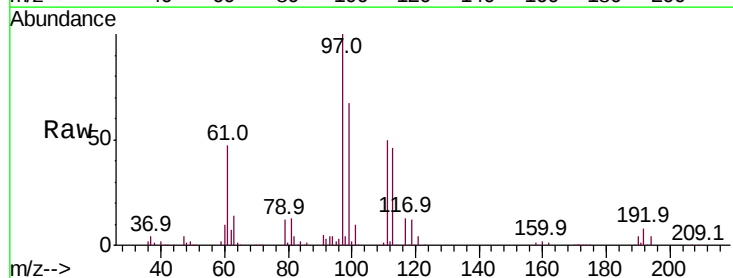
Instrument :
MSVOA_D
ClientSampled :

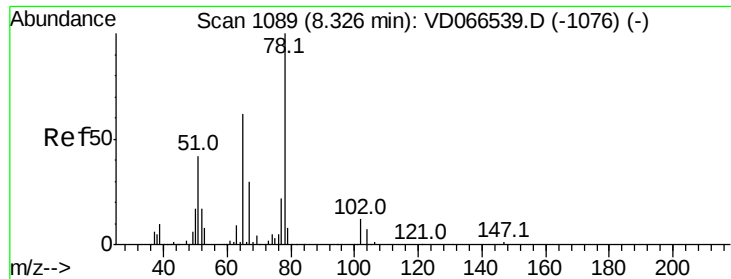
Tot Ion: 56 Resp: 371643
Ion Ratio Lower Upper
56 100
69 34.4 26.3 39.5
84 85.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 52.235 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 97 Resp: 439195
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 46.7 37.4 56.0

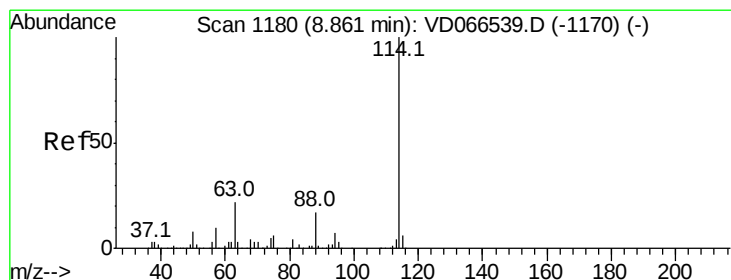
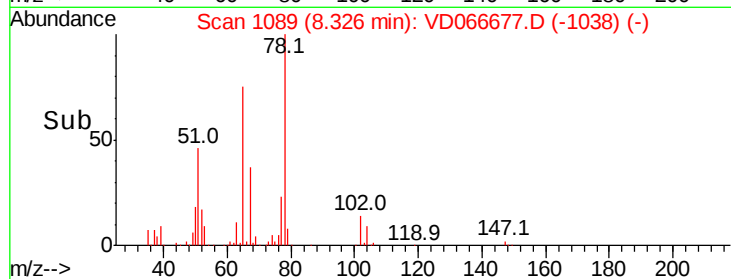
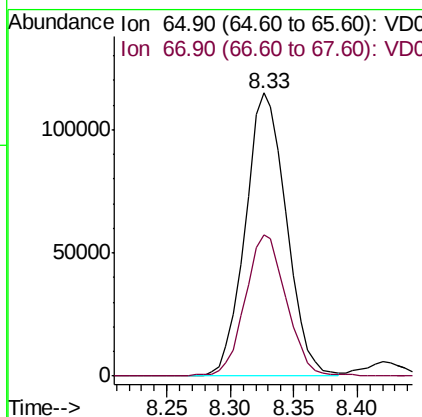
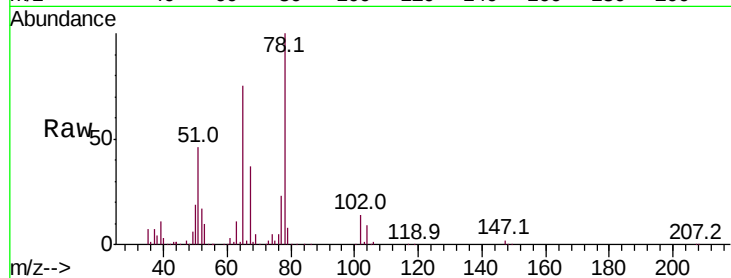




#33
 1,2-Dichloroethane-d4
 Concen: 54.100 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

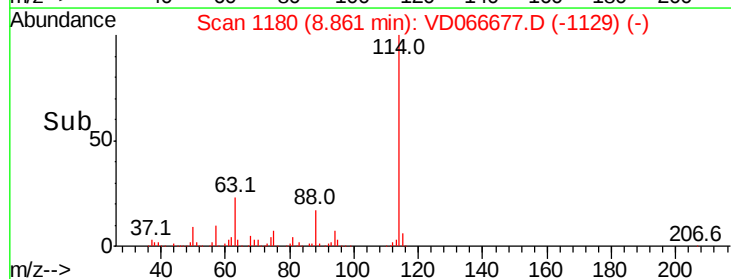
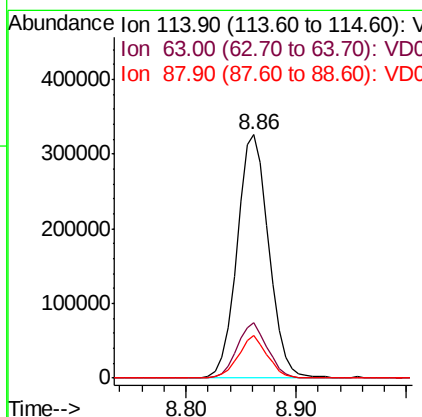
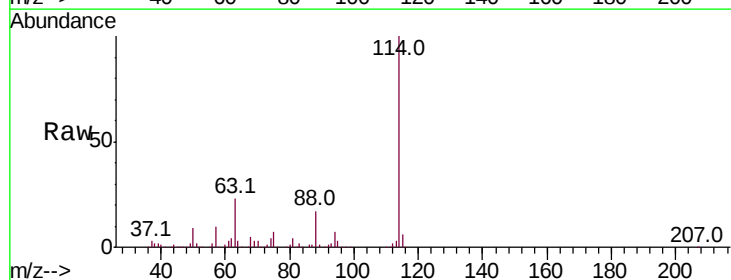
Instrument :
 MSVOA_D
 ClientSampleId :

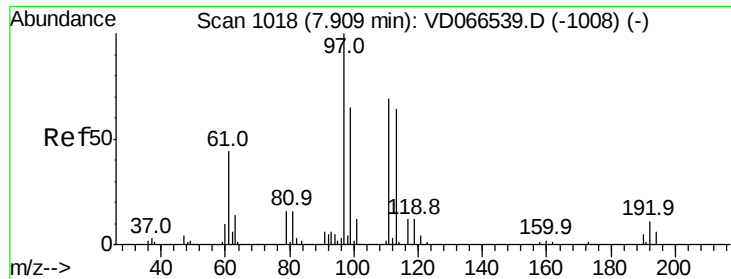
Tot Ion: 65 Resp: 259130
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 114 Resp: 657138
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 17.4 0.0 33.2

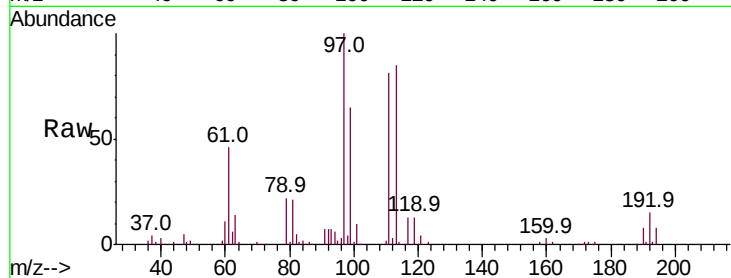




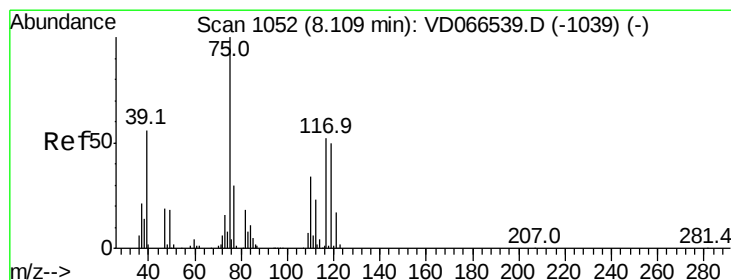
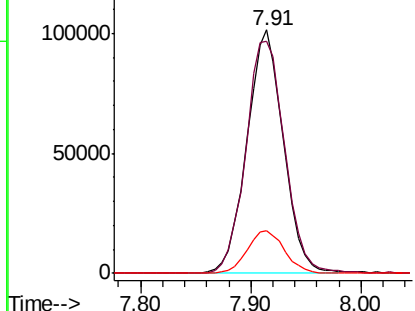
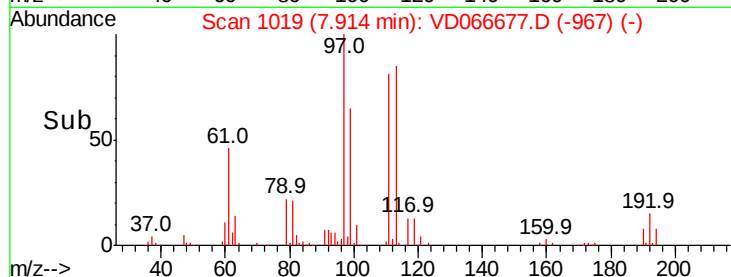
#35
 Dibromofluoromethane
 Concen: 53.137 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 235562
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.2 124.8
 192 17.8 13.7 20.5

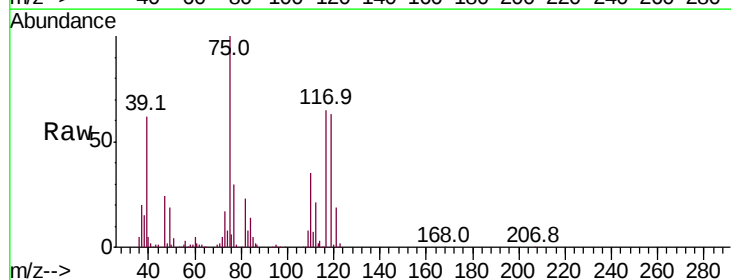


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

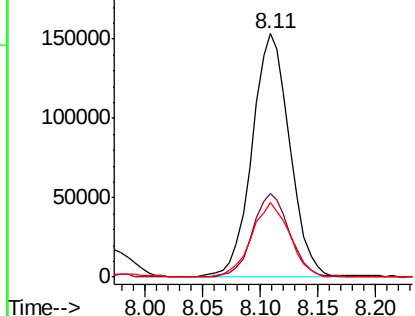
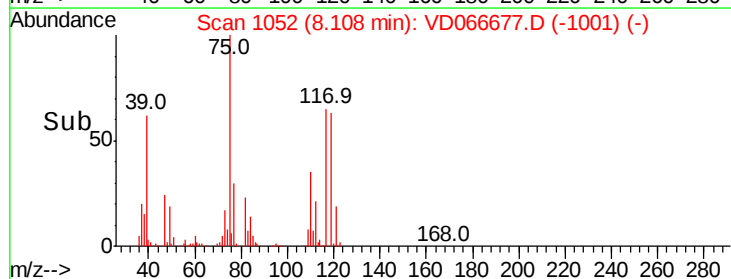


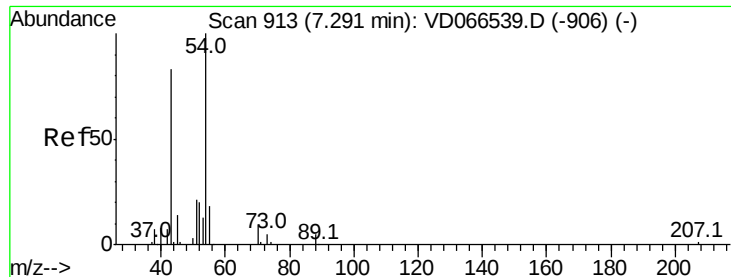
#36
 1,1-Dichloropropene
 Concen: 50.590 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 75 Resp: 345978
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.3 52.0
 77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 53.647 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

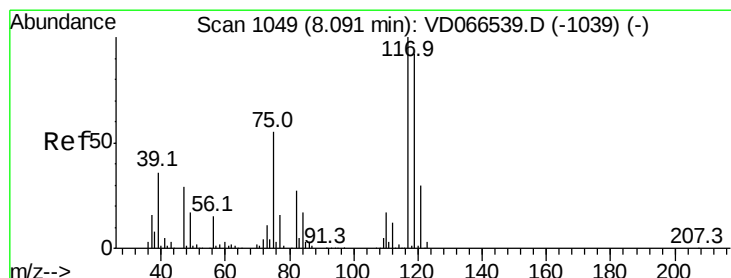
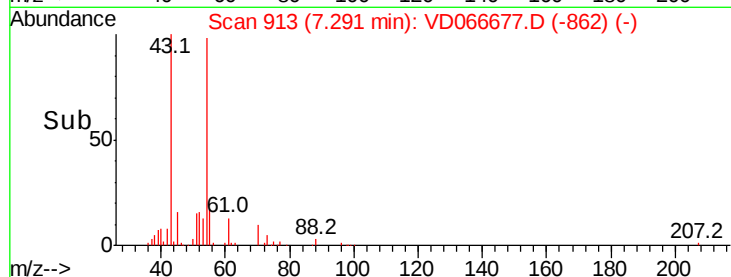
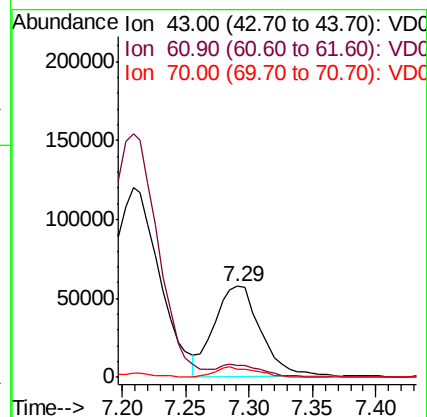
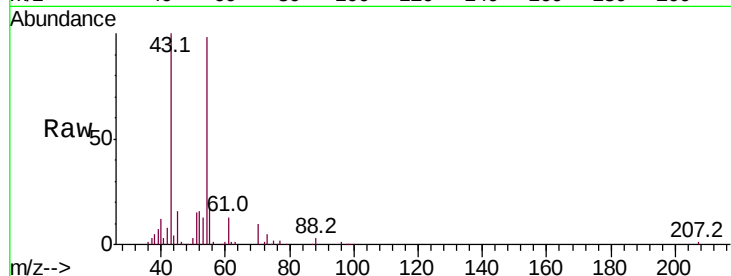
Tot Ion: 43 Resp: 146092

Ion Ratio Lower Upper

43 100

61 11.8 11.8 17.8#

70 10.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 54.408 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

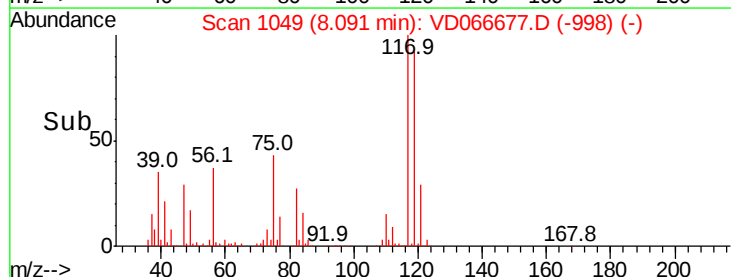
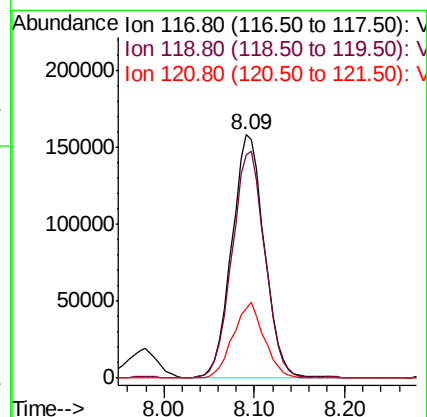
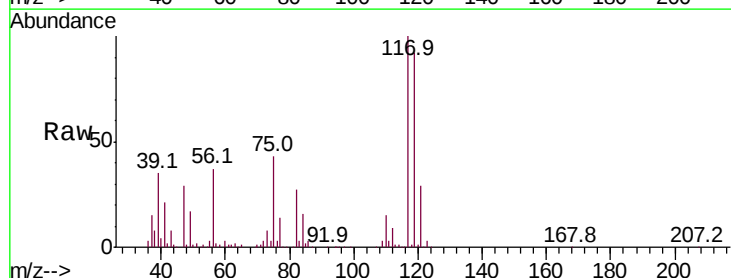
Tgt Ion: 117 Resp: 393290

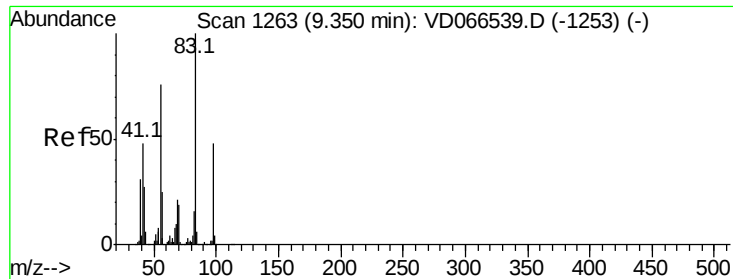
Ion Ratio Lower Upper

117 100

119 91.8 73.9 110.9

121 28.6 24.1 36.1

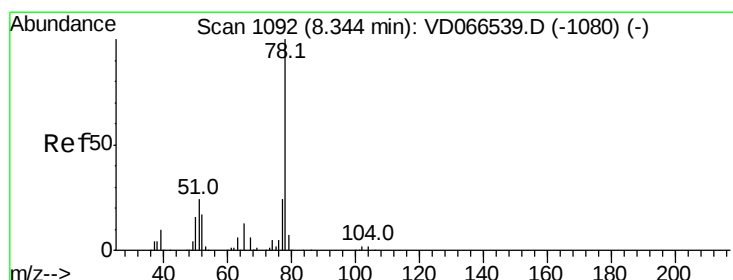
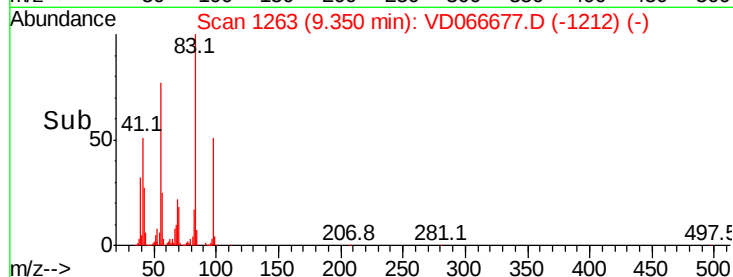
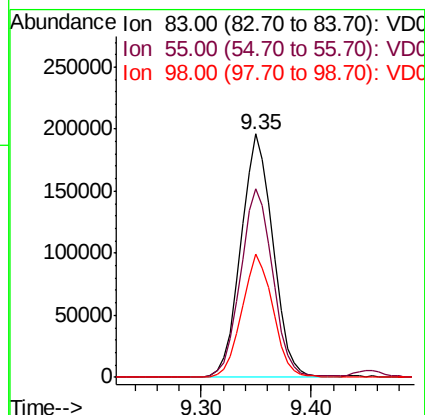
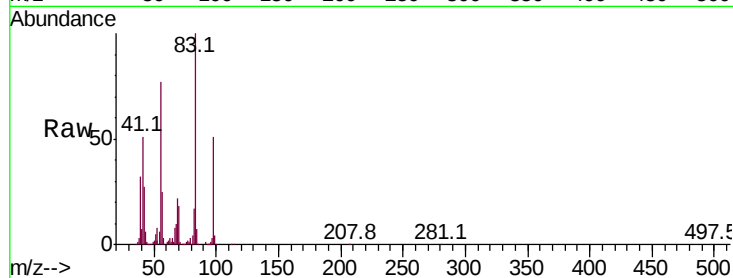




#39
Methvlcvclohexane
Concen: 52.370 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

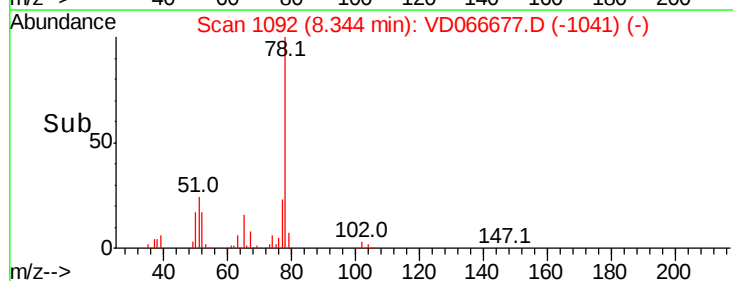
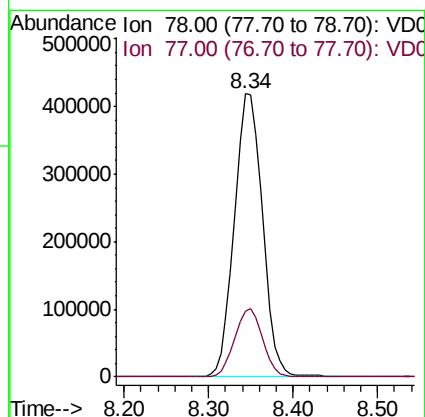
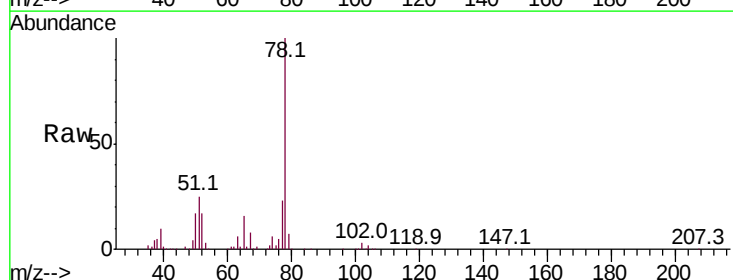
Instrument :
MSVOA_D
ClientSampled :

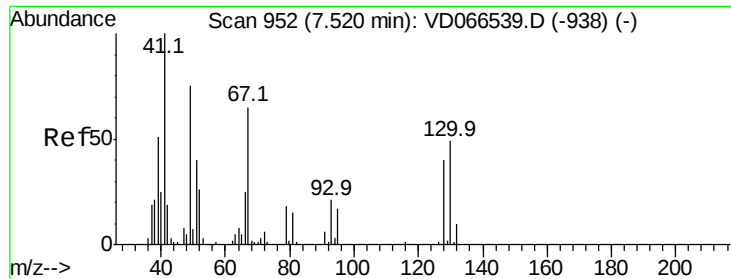
Tot Ion	83	Resp	399930
Ion Ratio	Lower	Upper	
83	100		
55	77.3	60.8	91.2
98	50.8	38.6	58.0



#40
Benzene
Concen: 51.496 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	78	Resp	964516
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.1	28.7

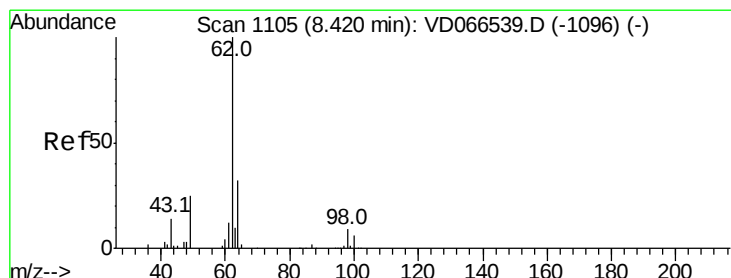
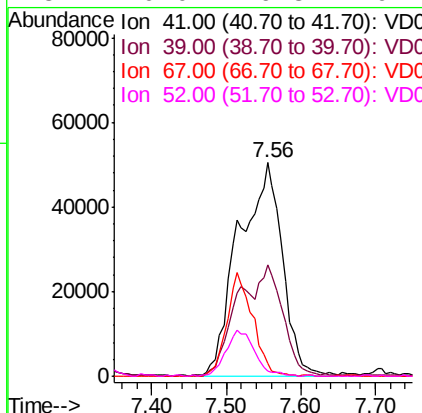
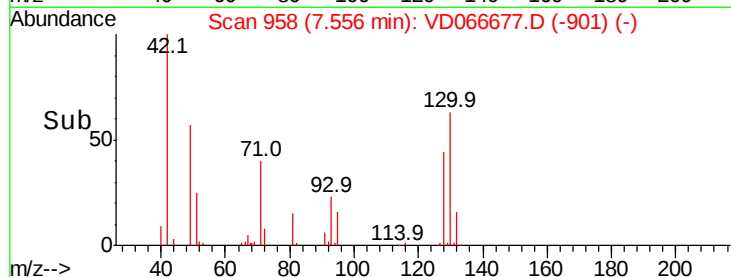
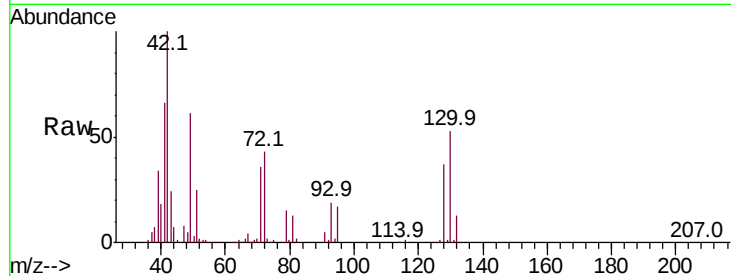




#41
Methacrylonitrile
Concen: 155.657 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

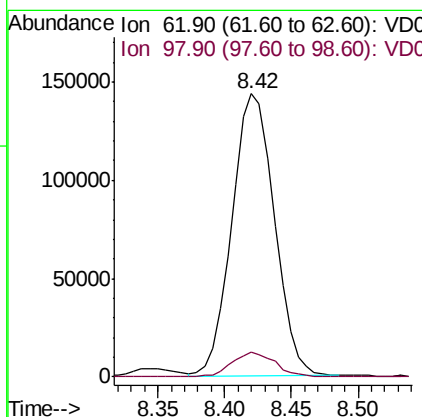
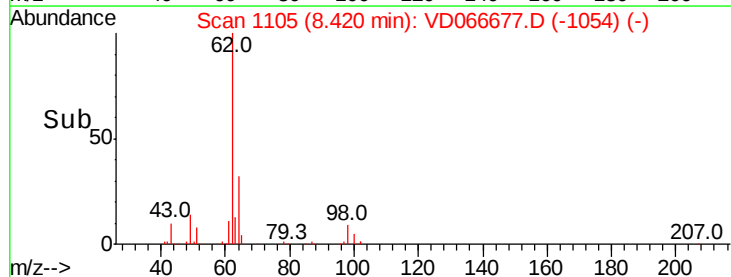
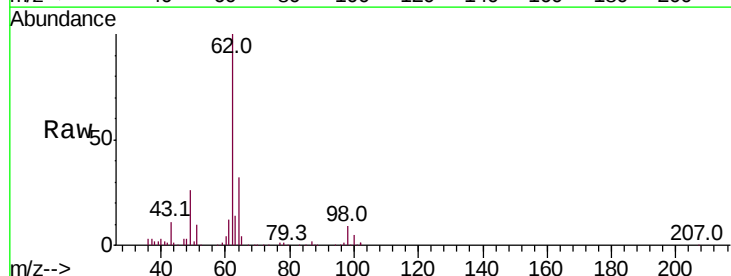
Instrument :
MSVOA_D
ClientSampleId :

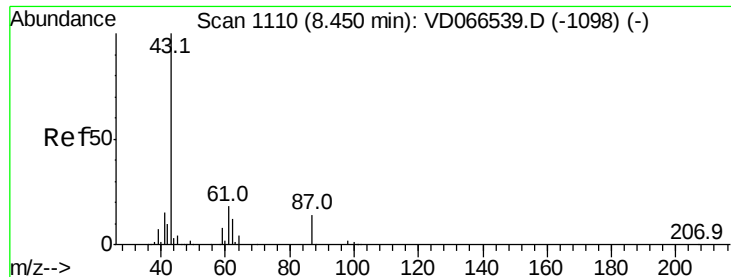
Tot Ion: 41 Resp: 205185
Ion Ratio Lower Upper
41 100
39 29.1 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 52.299 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 62 Resp: 317385
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 56.400 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

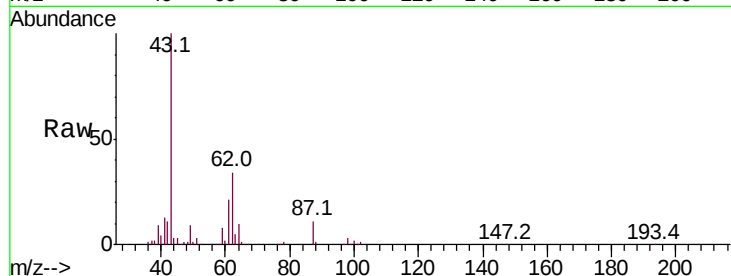
Tot Ion: 43 Resp: 294332

Ion Ratio Lower Upper

43 100

61 29.5 23.8 35.8

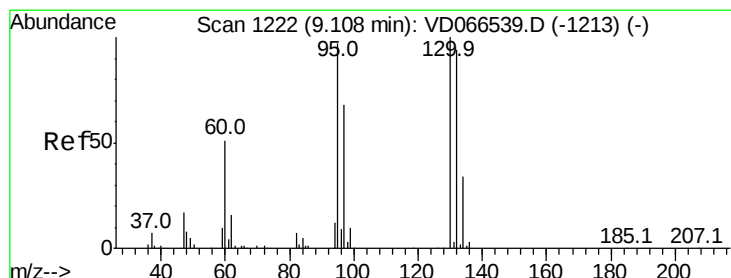
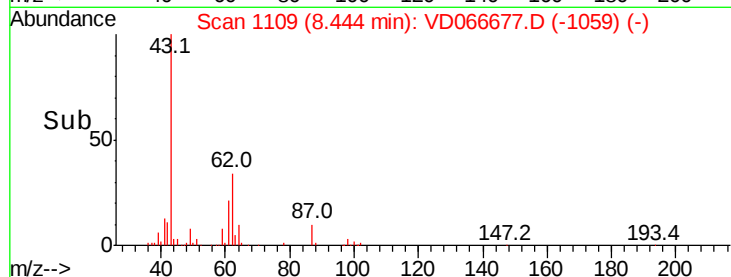
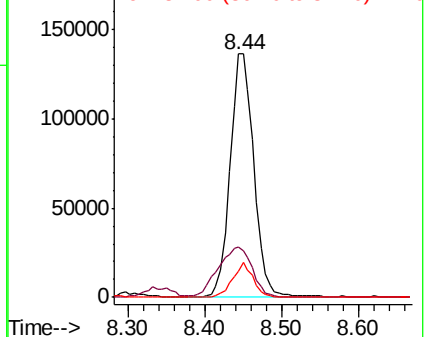
87 12.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.276 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066677.D

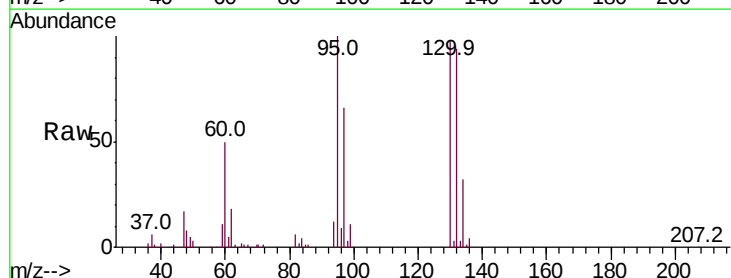
Acq: 14 Sep 2020 16:59

Tgt Ion:130 Resp: 256835

Ion Ratio Lower Upper

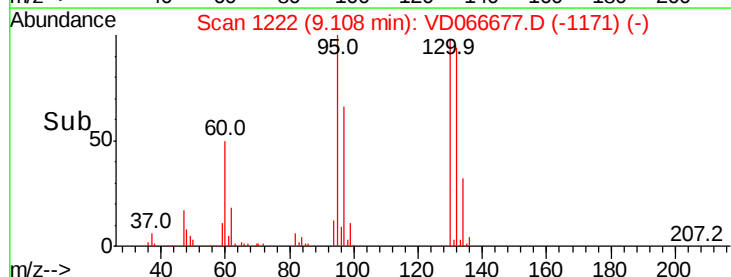
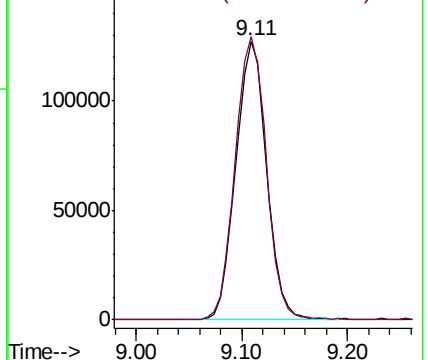
130 100

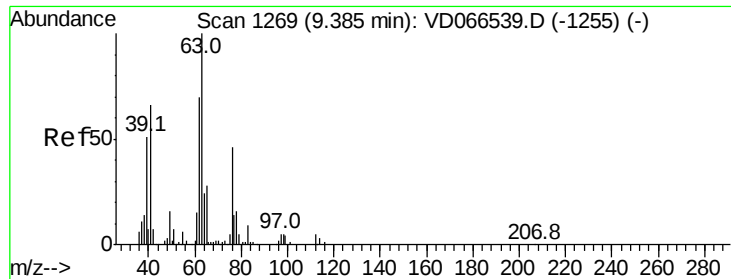
95 101.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.762 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

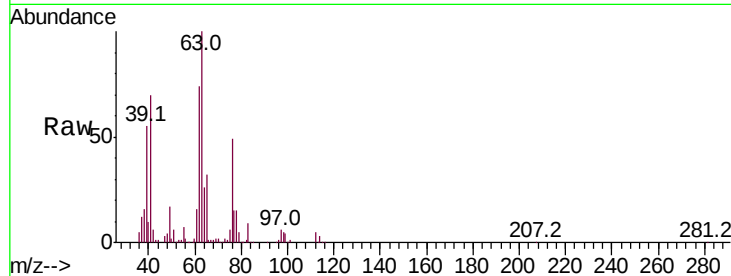
ClientSampleId :

Tot Ion: 63 Resp: 248522

Ion Ratio Lower Upper

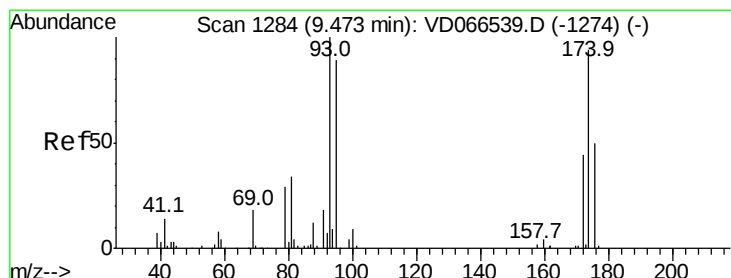
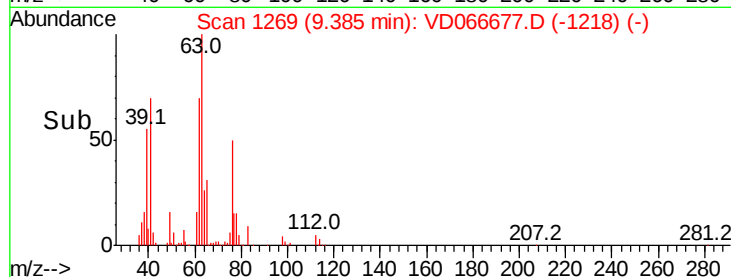
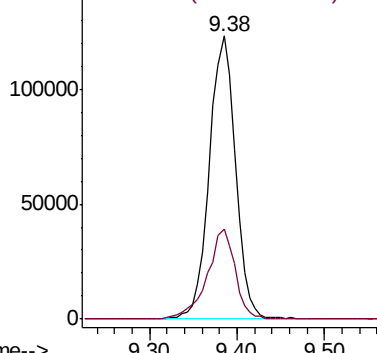
63 100

65 31.8 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.356 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

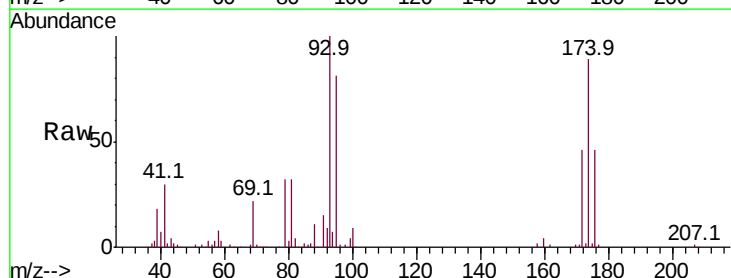
Tgt Ion: 93 Resp: 138655

Ion Ratio Lower Upper

93 100

95 81.7 68.7 103.1

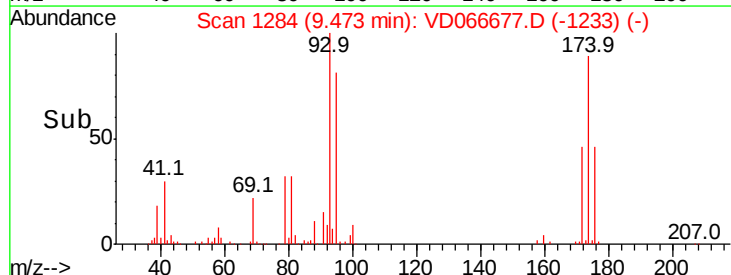
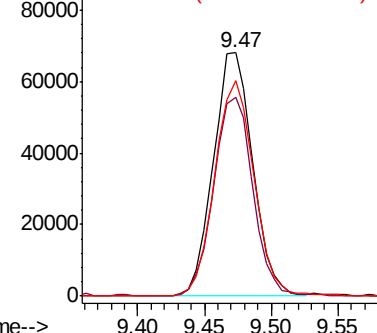
174 88.8 70.0 105.0

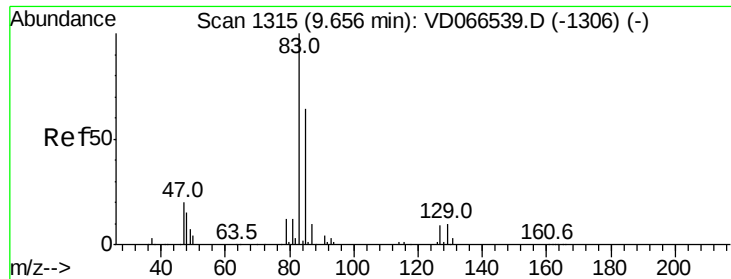


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

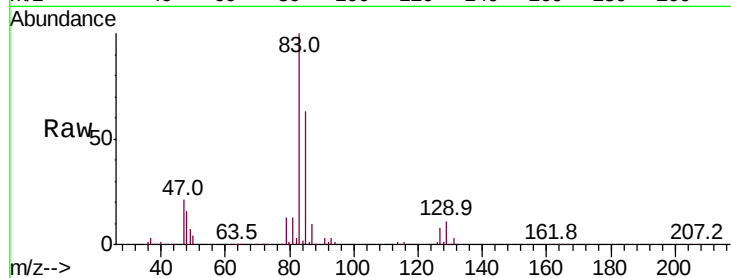




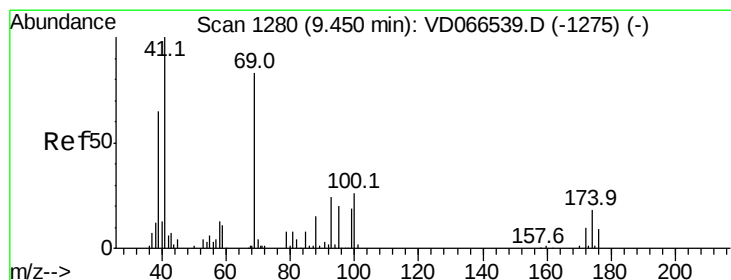
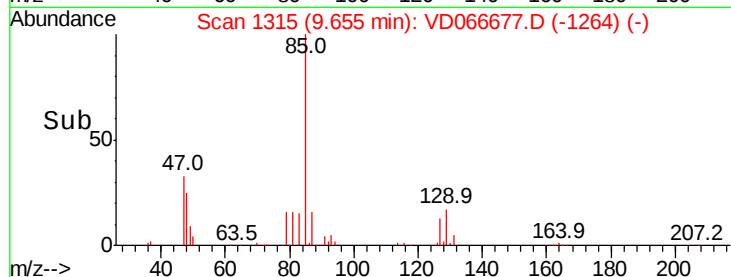
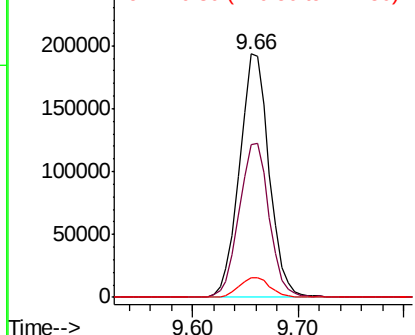
#47
Bromodichloromethane
Concen: 53.581 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 83 Resp: 376717
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.3 6.9 10.3

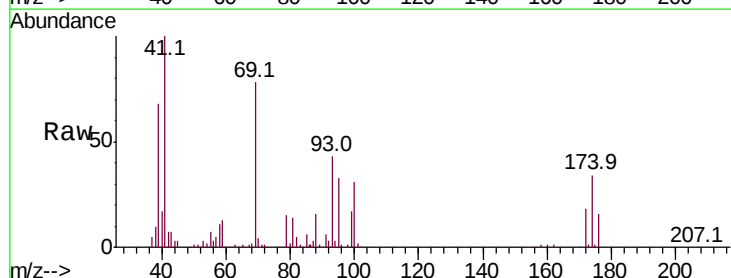


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

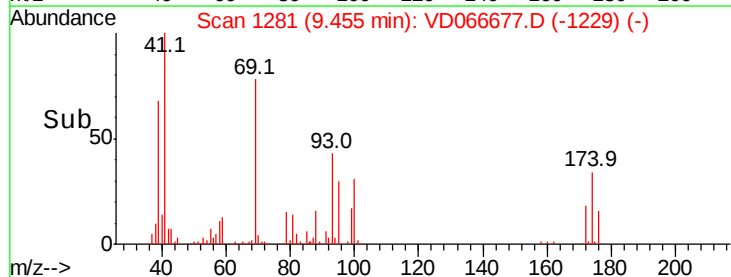
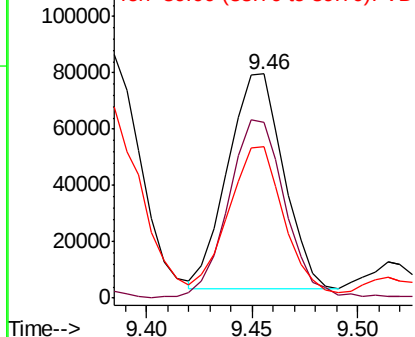


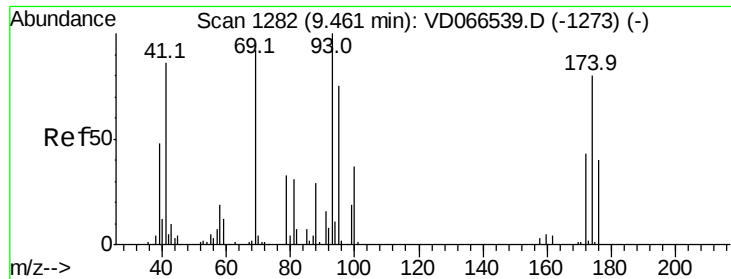
#48
Methyl methacrylate
Concen: 53.166 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 41 Resp: 140298
Ion Ratio Lower Upper
41 100
69 83.5 64.5 96.7
39 65.9 46.6 69.8



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





#49

1,4-Dioxane

Concen: 1084.824 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :

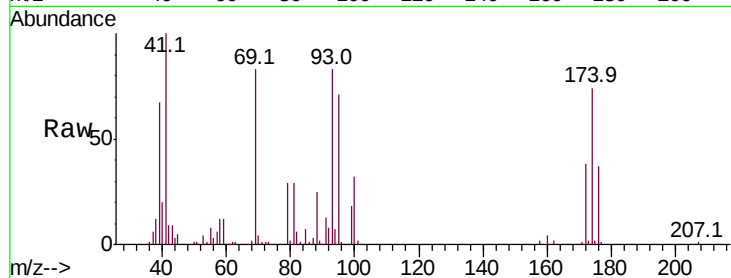
Tot Ion: 88 Resp: 30928

Ion Ratio Lower Upper

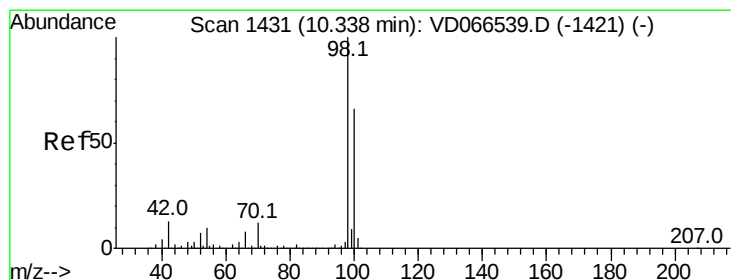
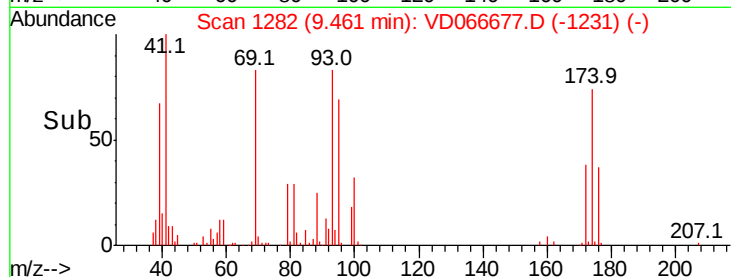
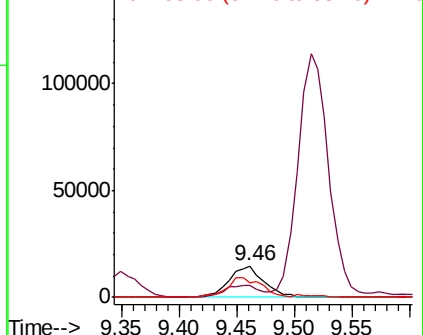
88 100

43 37.0 28.3 42.5

58 62.5 56.1 84.1



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



#50

Toluene-d8

Concen: 53.786 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066677.D

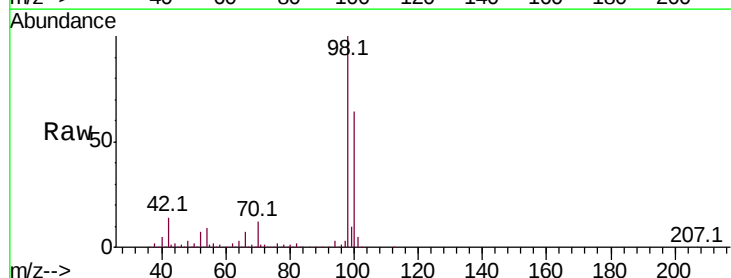
Acq: 14 Sep 2020 16:59

Tgt Ion: 98 Resp: 852224

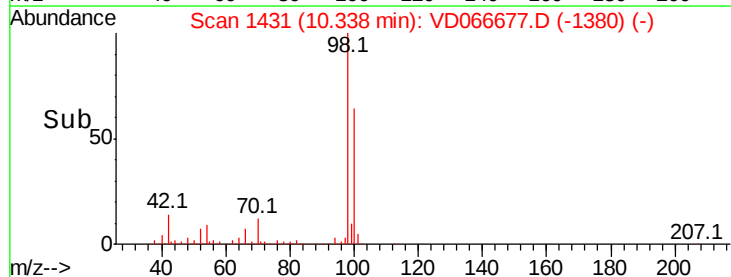
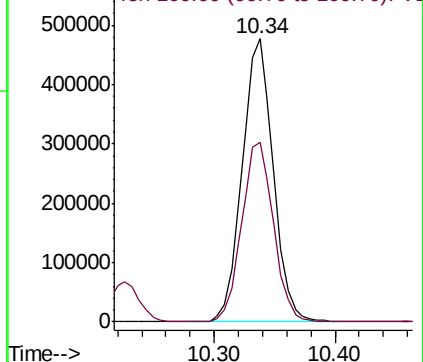
Ion Ratio Lower Upper

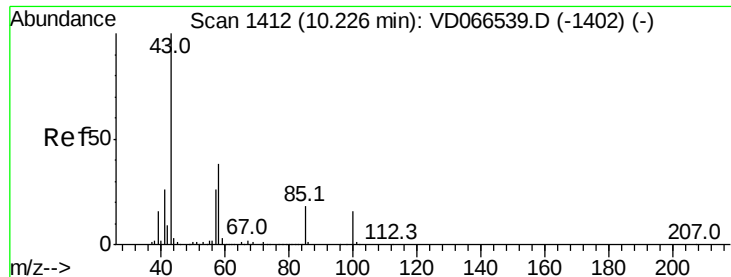
98 100

100 65.4 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 284.835 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

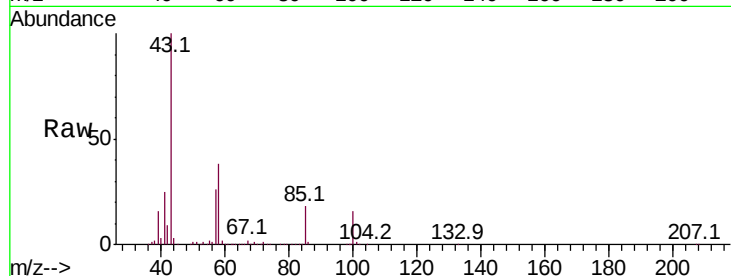
ClientSampled :

Tot Ion: 43 Resp: 749666

Ion Ratio Lower Upper

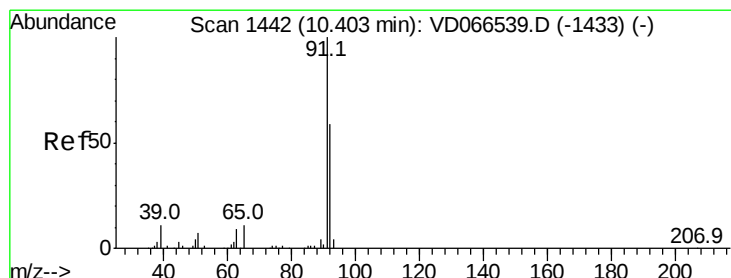
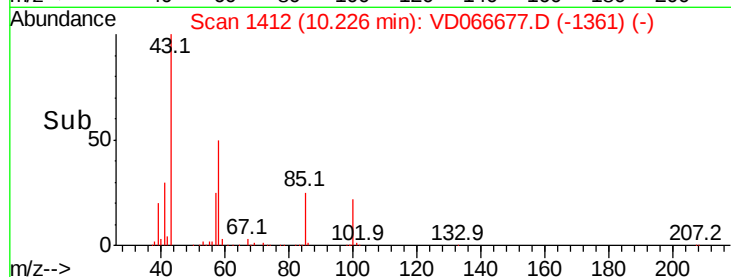
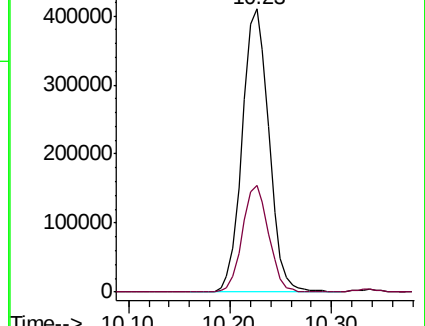
43 100

58 37.2 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 53.696 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066677.D

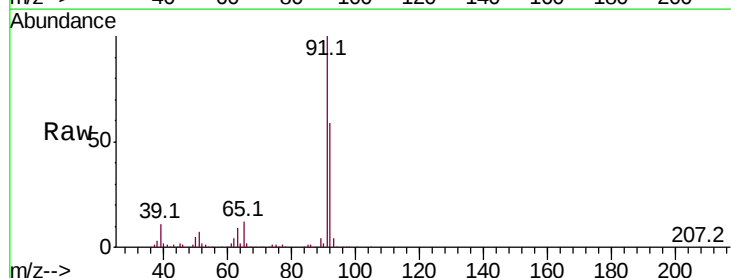
Acq: 14 Sep 2020 16:59

Tgt Ion: 92 Resp: 636633

Ion Ratio Lower Upper

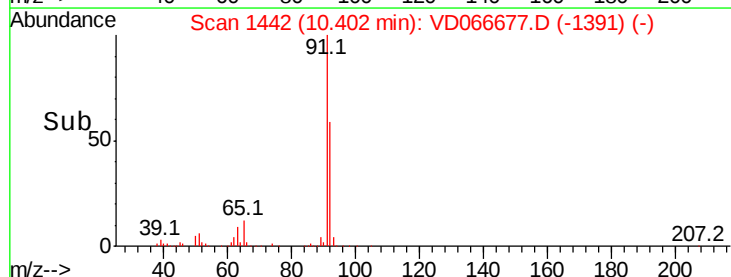
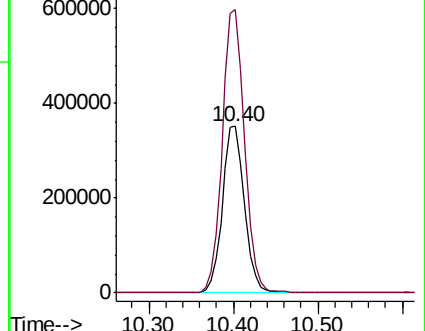
92 100

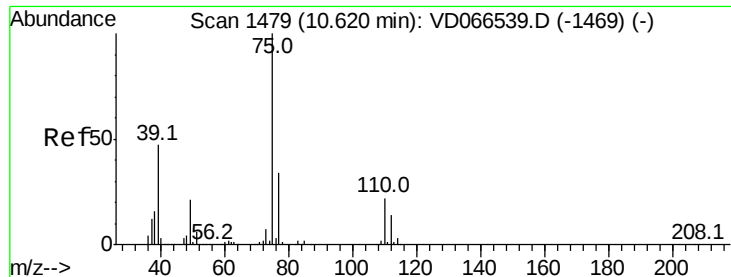
91 171.6 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 55.271 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

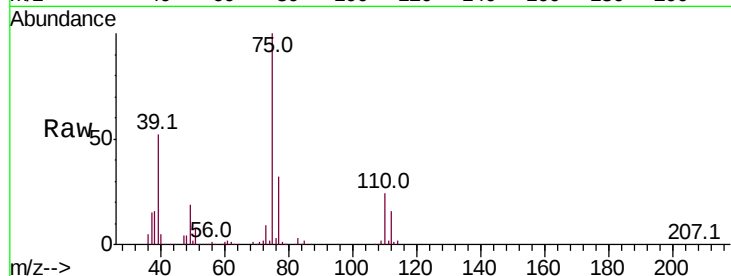
ClientSampleId :

Tot Ion: 75 Resp: 343045

Ion Ratio Lower Upper

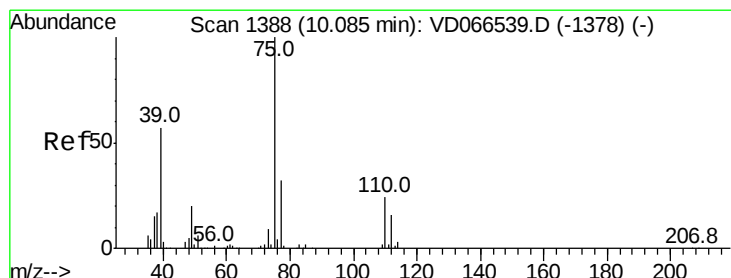
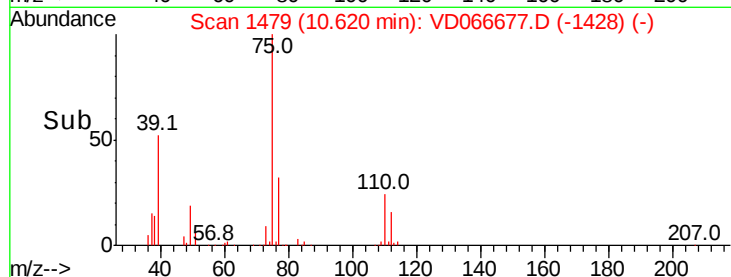
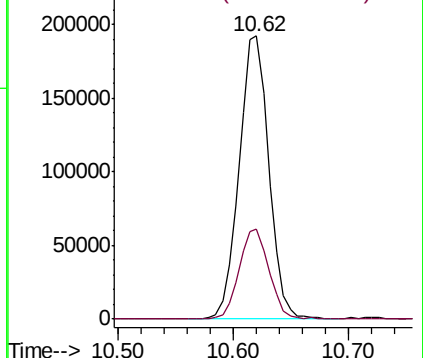
75 100

77 31.8 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.350 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

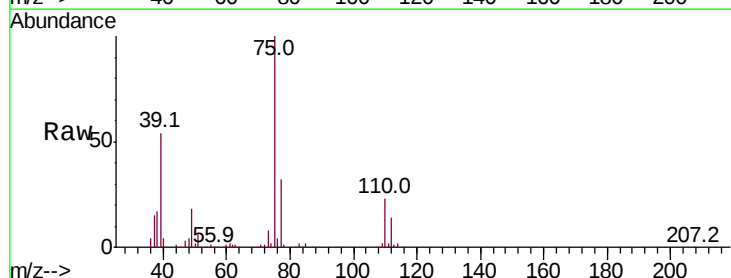
Tgt Ion: 75 Resp: 397644

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

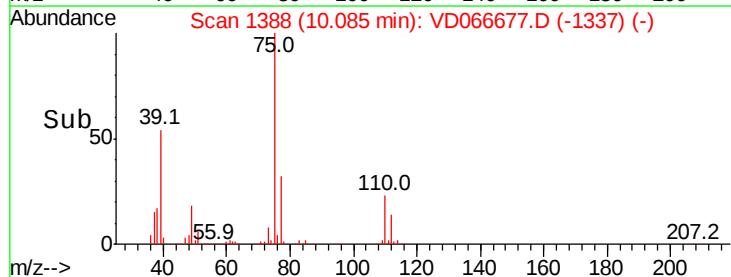
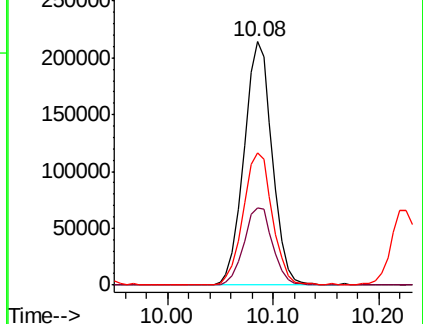
39 53.9 45.4 68.0

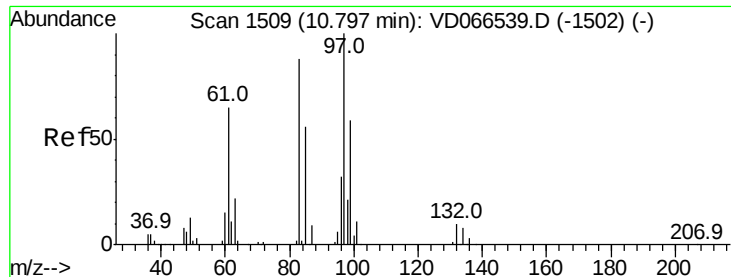


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 55.692 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 186081

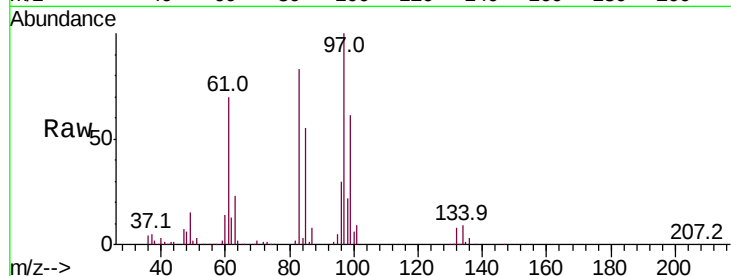
Ion Ratio Lower Upper

97 100

83 83.1 70.1 105.1

85 54.9 44.5 66.7

99 61.1 47.1 70.7

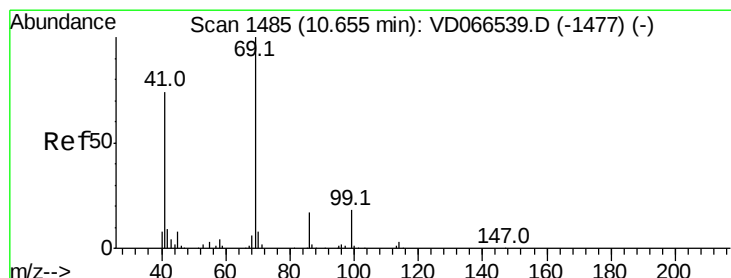
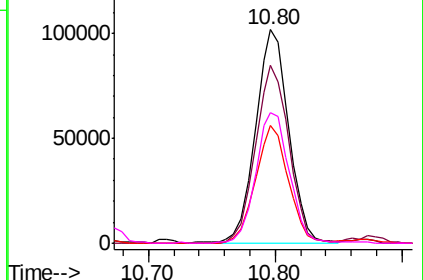
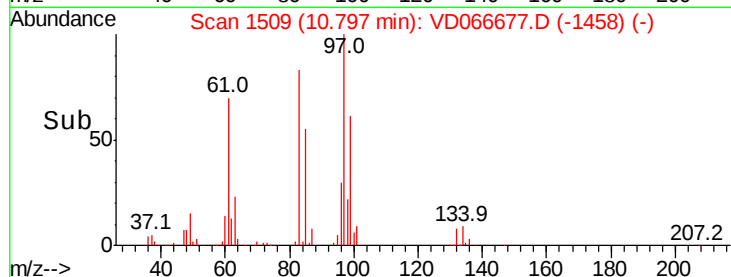


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 59.264 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

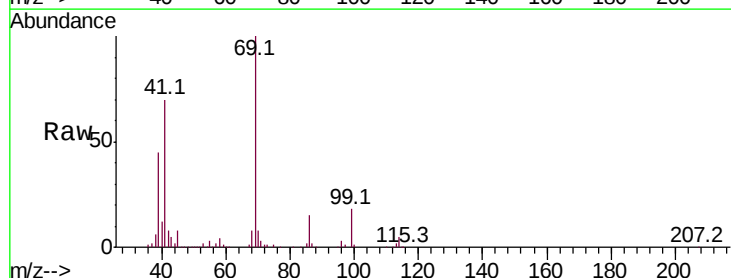
Tgt Ion: 69 Resp: 230558

Ion Ratio Lower Upper

69 100

41 71.3 56.8 85.2

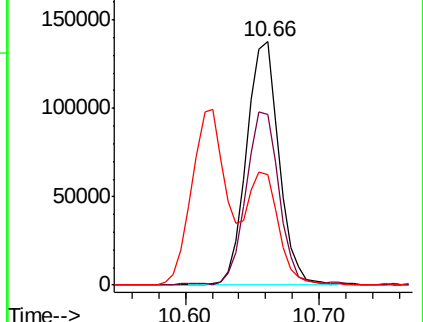
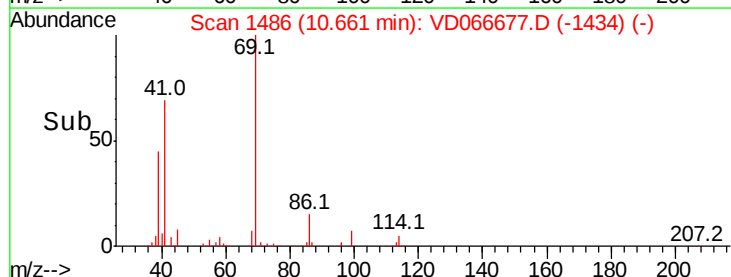
39 45.6 30.6 46.0

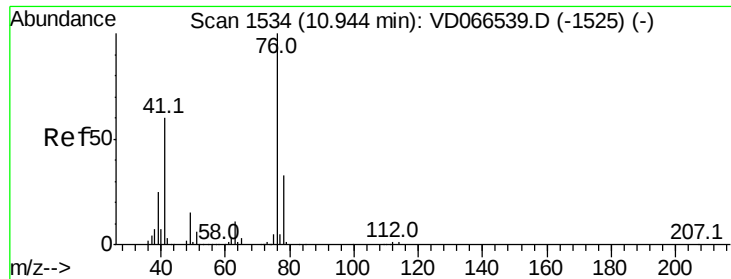


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 54.047 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

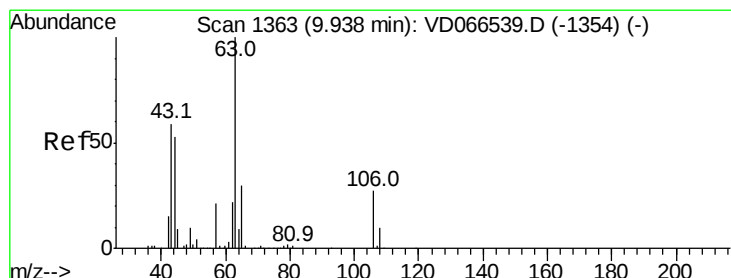
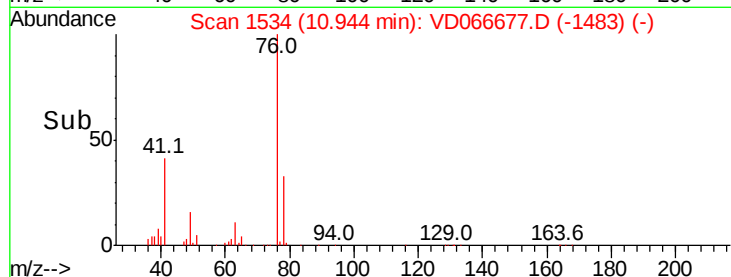
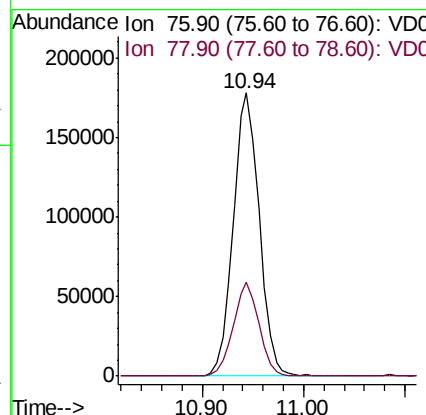
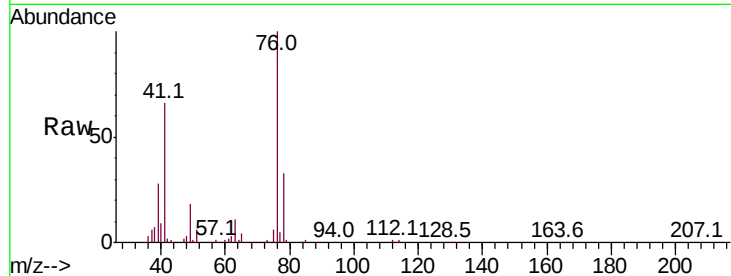
Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 316307

Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 252.653 ug/l

RT: 9.94 min Scan# 1363

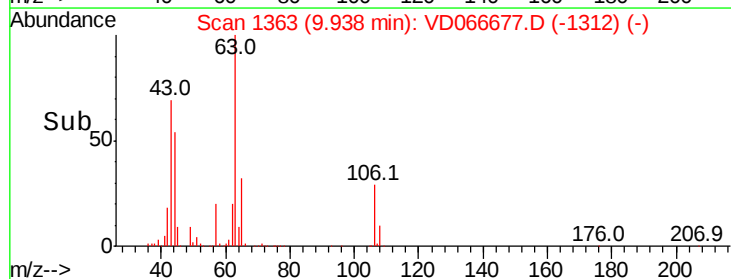
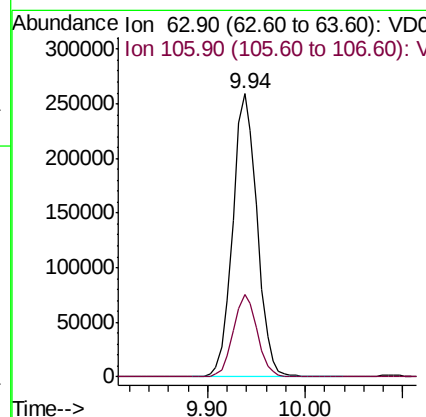
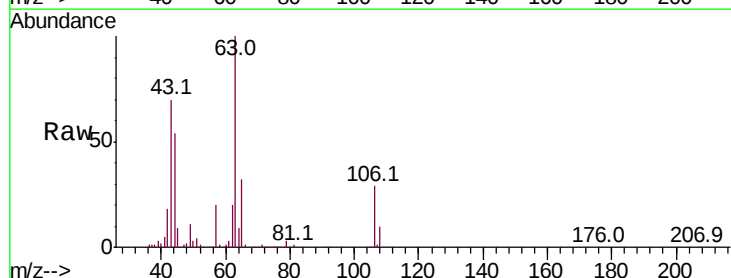
Delta R.T. -0.00 min

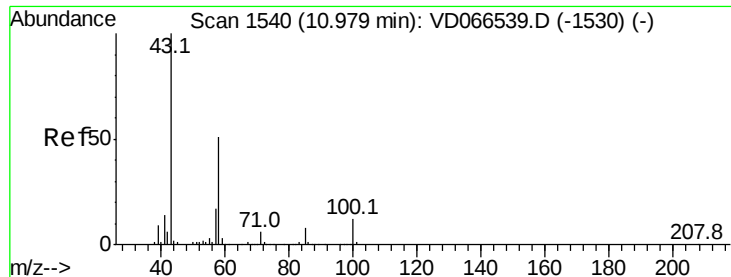
Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion: 63 Resp: 449580

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.0	33.0

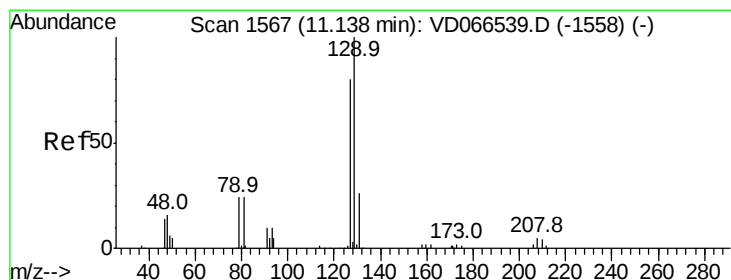
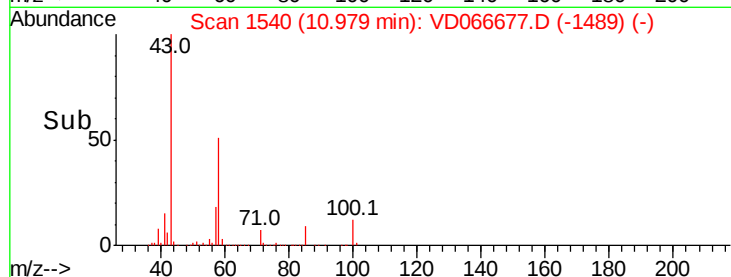
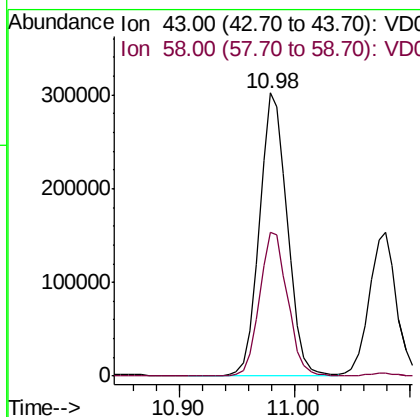
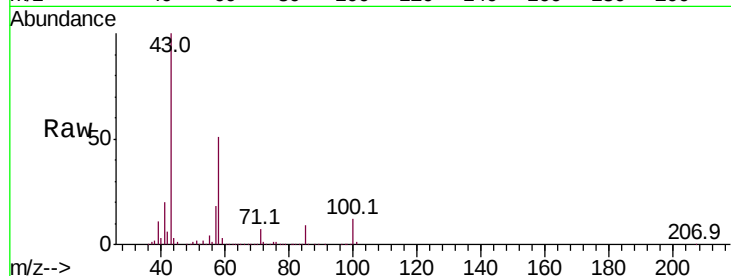




#59
2-Hexanone
Concen: 287.960 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

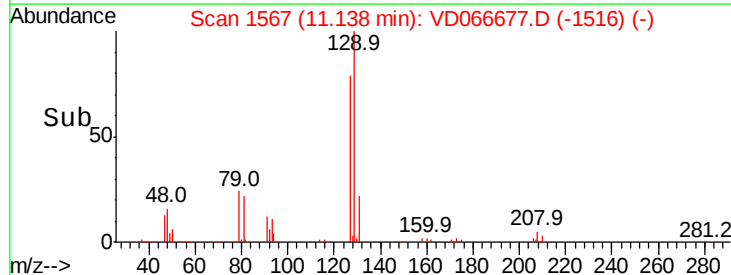
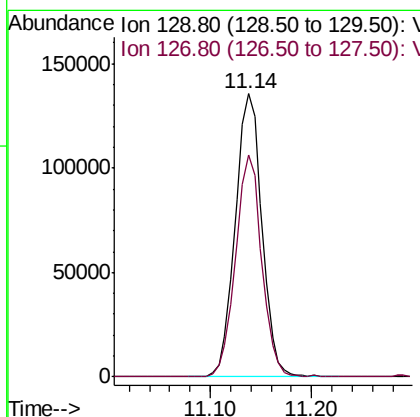
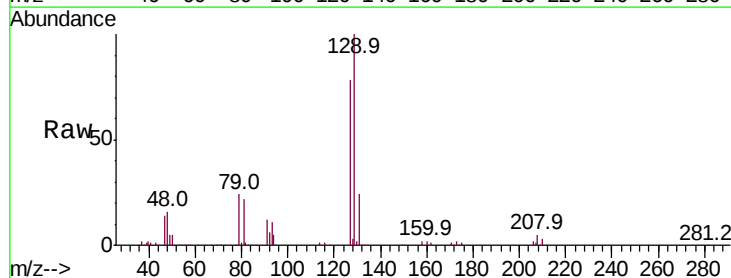
Instrument :
MSVOA_D
ClientSampleId :

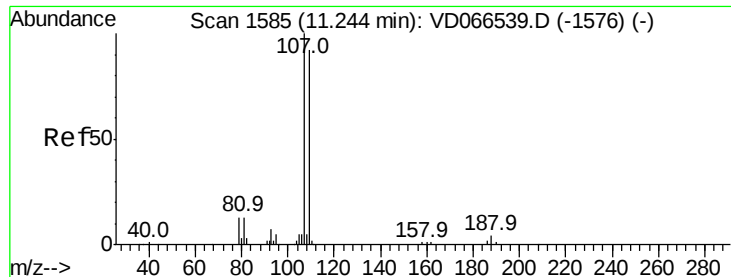
Tot Ion: 43 Resp: 509668
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.8



#60
Dibromochloromethane
Concen: 56.107 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 129 Resp: 247901
Ion Ratio Lower Upper
129 100
127 76.6 39.5 118.3

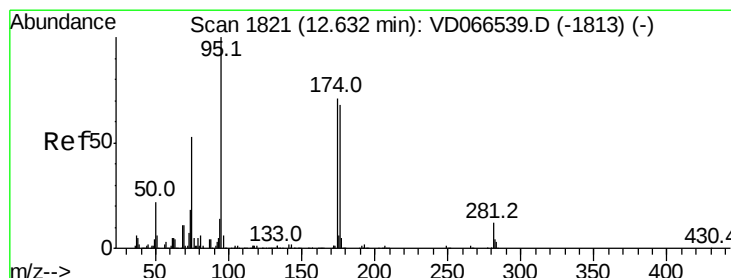
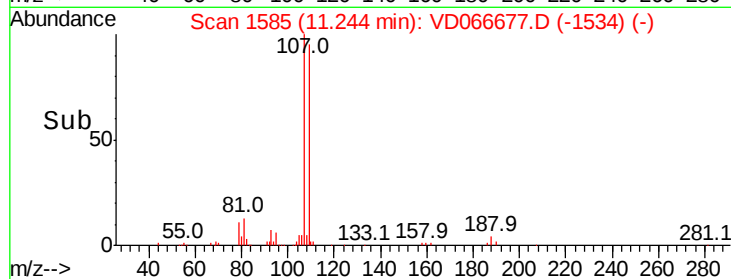
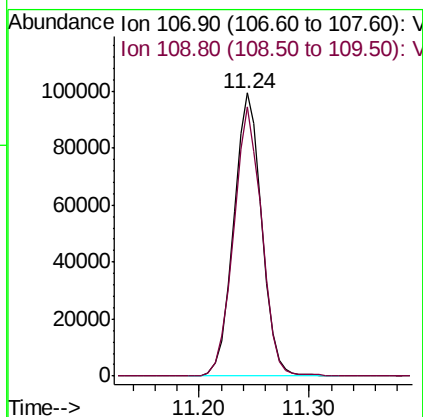
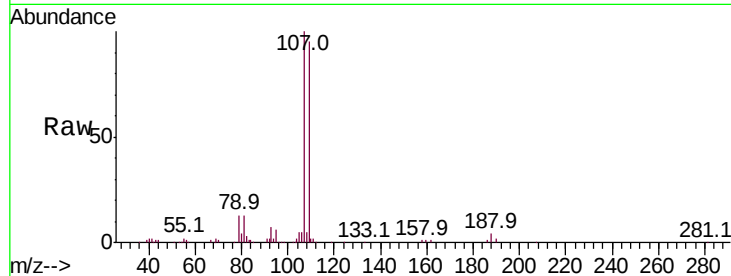




#61
 1,2-Dibromoethane
 Concen: 54.283 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

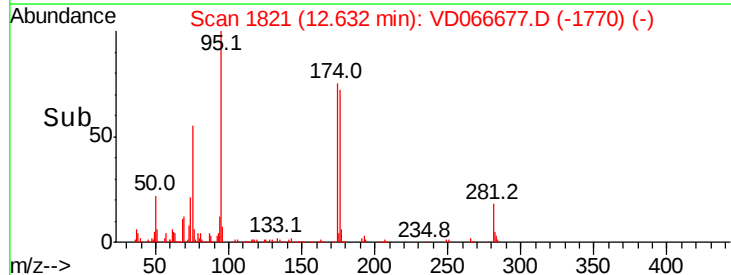
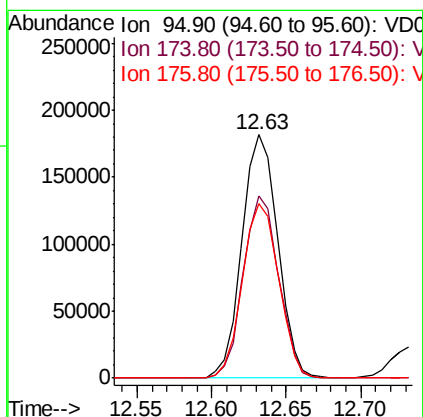
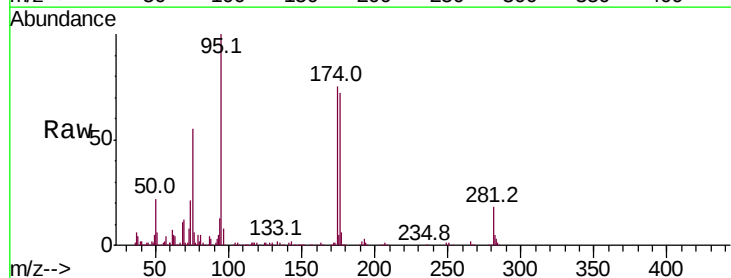
Instrument :
 MSVOA_D
 ClientSampled :

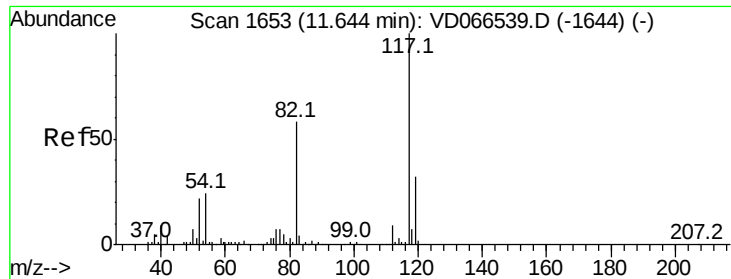
Tot Ion:107 Resp: 176456
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 57.320 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 95 Resp: 301153
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 155.8
 176 72.9 0.0 148.6

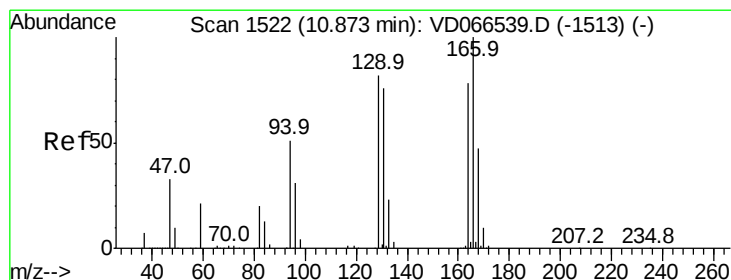
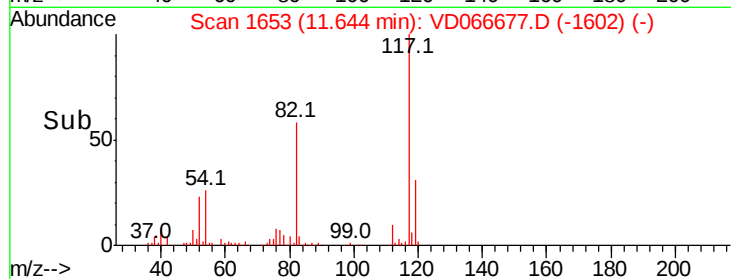
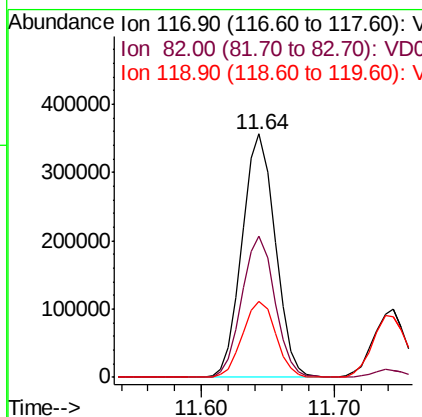
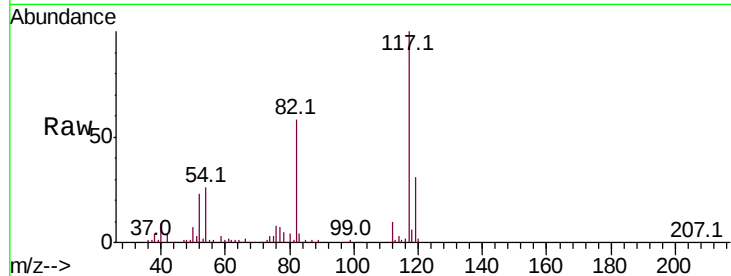




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

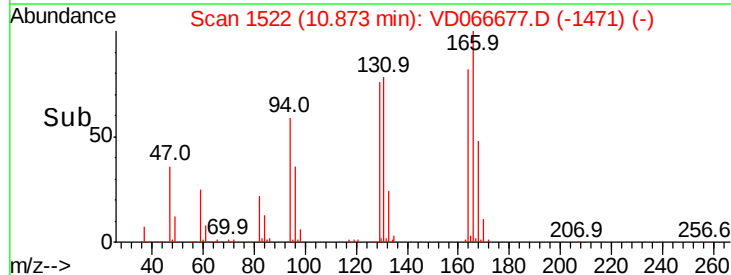
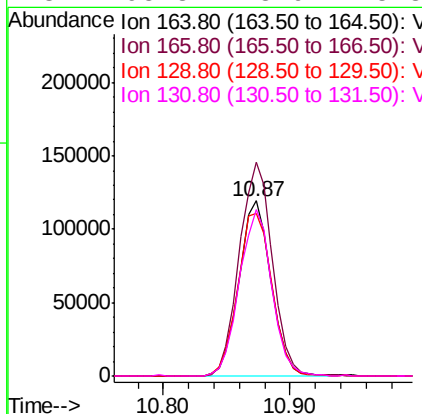
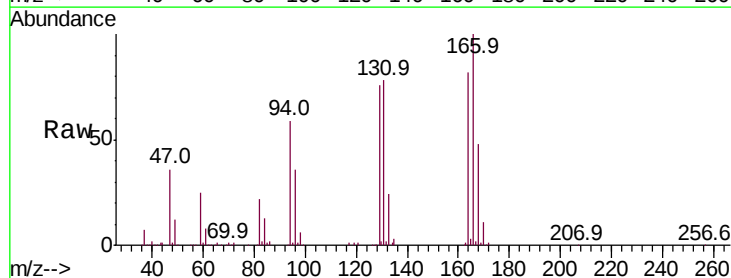
Instrument :
MSVOA_D
ClientSampled :

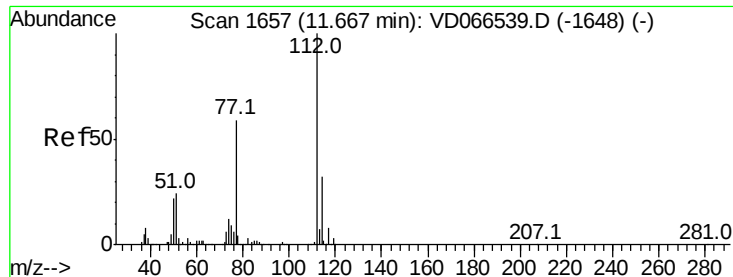
Tot Ion:117 Resp: 612978
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.1 25.8 38.8



#64
Tetrachloroethene
Concen: 50.792 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:164 Resp: 209628
Ion Ratio Lower Upper
164 100
166 122.1 103.2 154.8
129 93.0 84.5 126.7
131 95.3 78.9 118.3

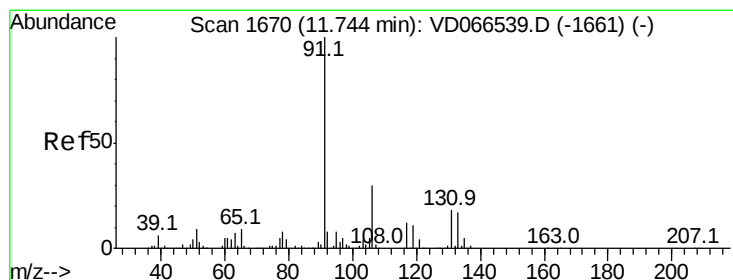
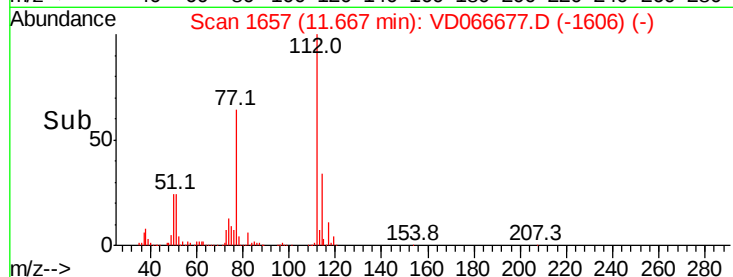
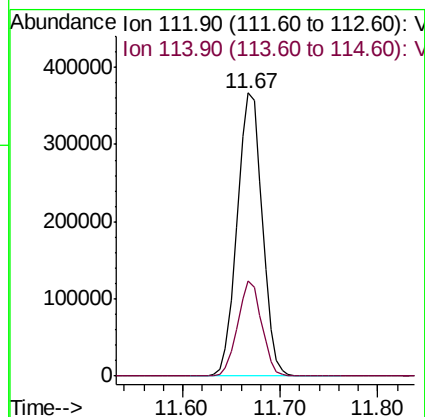
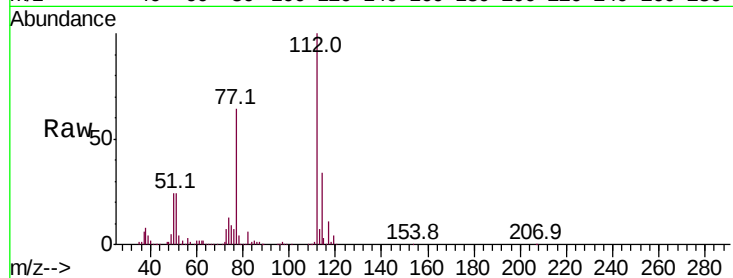




#65
Chlorobenzene
Concen: 51.884 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

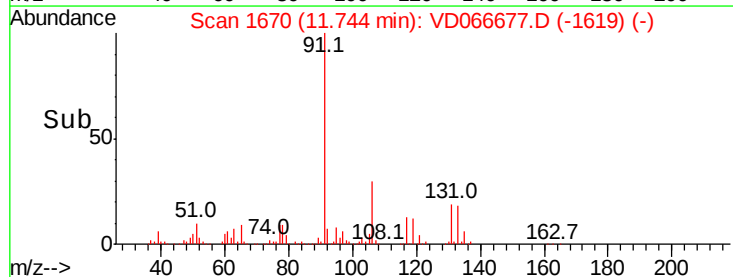
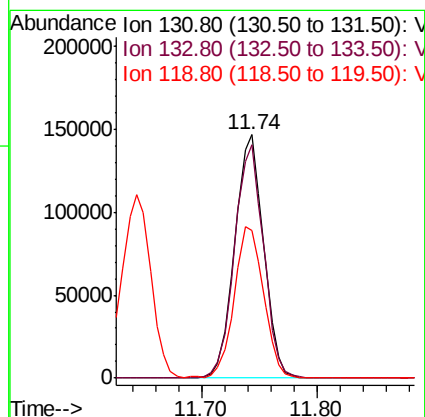
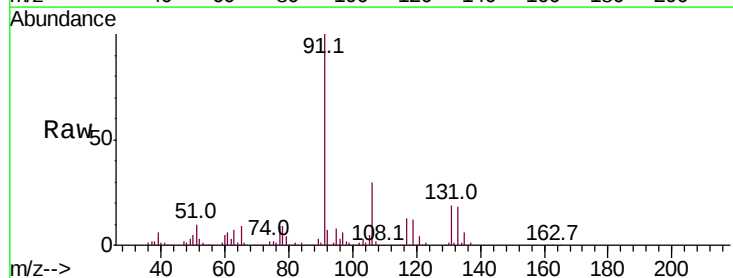
Instrument :
MSVOA_D
ClientSampleId :

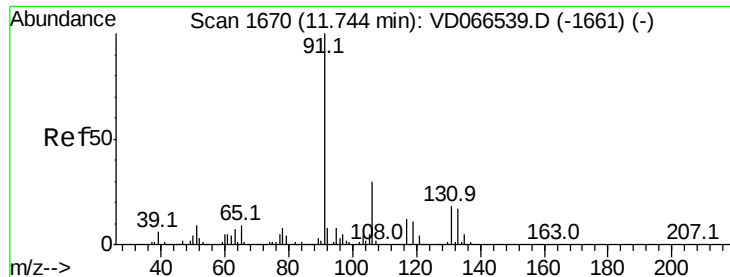
Tot Ion:112 Resp: 656411
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.671 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:131 Resp: 254317
Ion Ratio Lower Upper
131 100
133 96.2 46.7 140.0
119 63.4 31.9 95.7





#67

Ethyl Benzene

Concen: 53.302 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

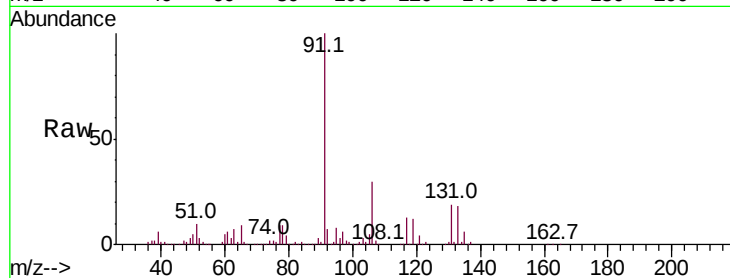
ClientSampleId :

Tot Ion: 91 Resp: 1238220

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VD066539.D (-1661) (-)

Ion 106.00 (105.70 to 106.70): VD066539.D (-1661) (-)

1200000

800000

600000

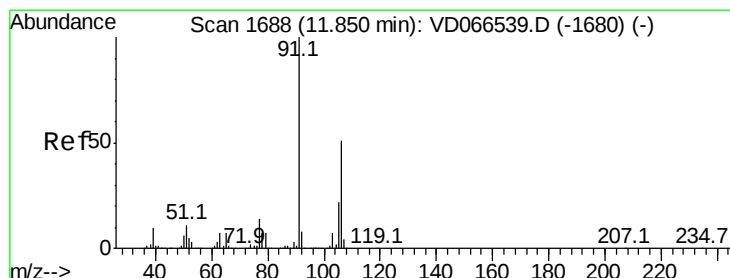
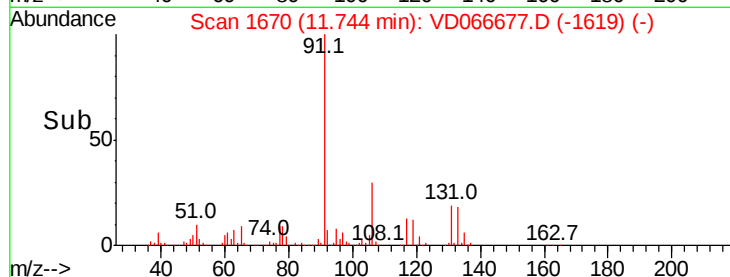
400000

200000

0

11.70 11.80

Time-->



#68

m/p-Xylenes

Concen: 106.707 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066677.D

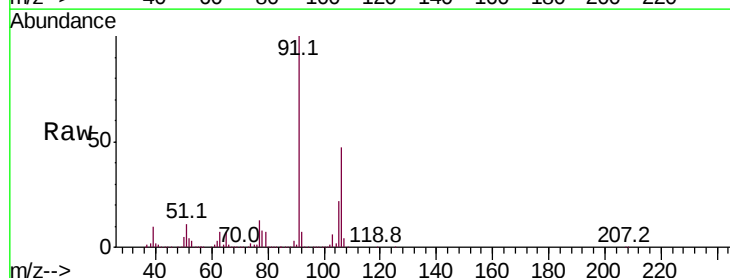
Acq: 14 Sep 2020 16:59

Tgt Ion:106 Resp: 920407

Ion Ratio Lower Upper

106 100

91 209.1 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): VD066539.D (-1680) (-)

Ion 91.00 (90.70 to 91.70): VD066539.D (-1680) (-)

1200000

800000

600000

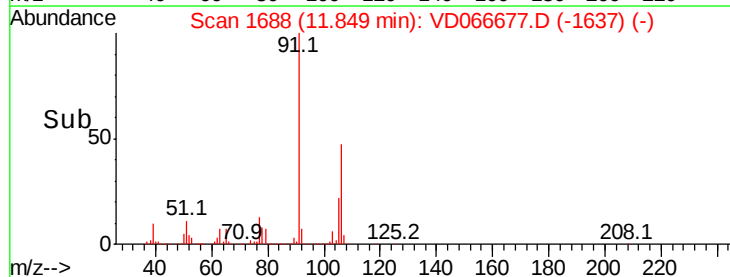
400000

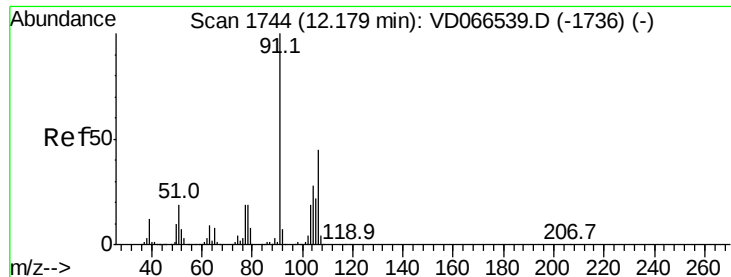
200000

0

11.80 11.90

Time-->

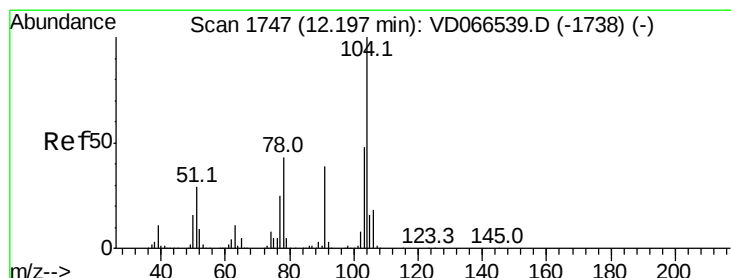
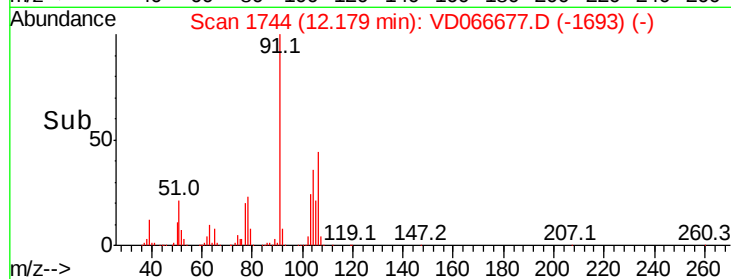
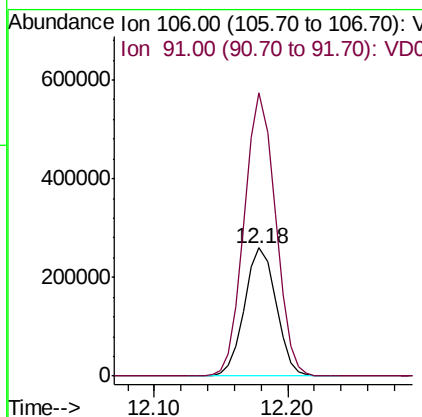
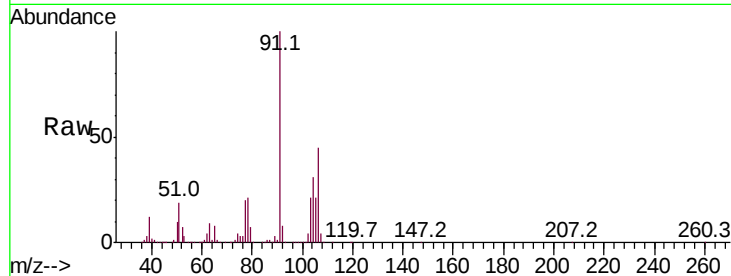




#69
o-Xylene
Concen: 55.032 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

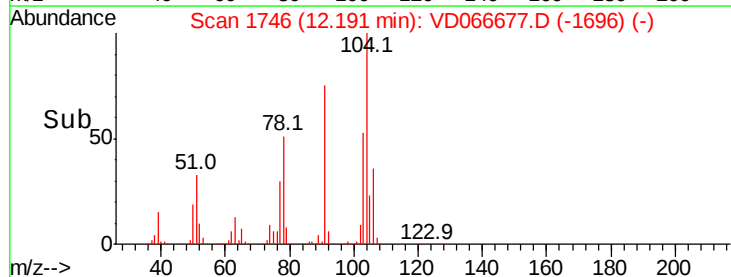
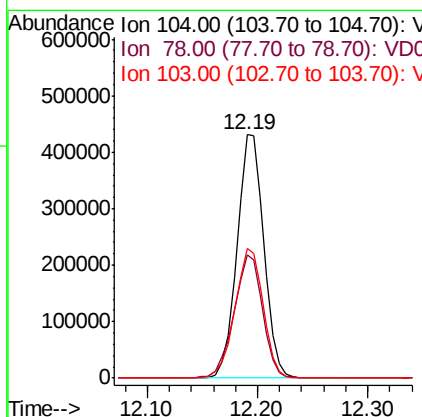
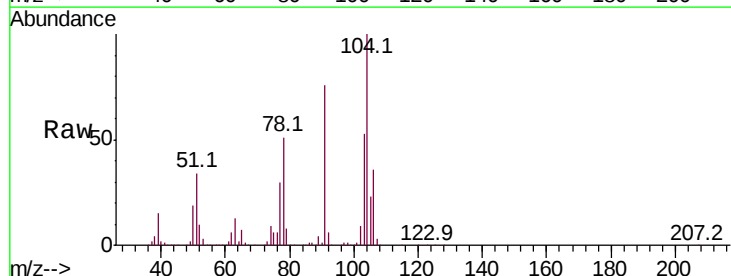
Instrument :
MSVOA_D
ClientSampleId :

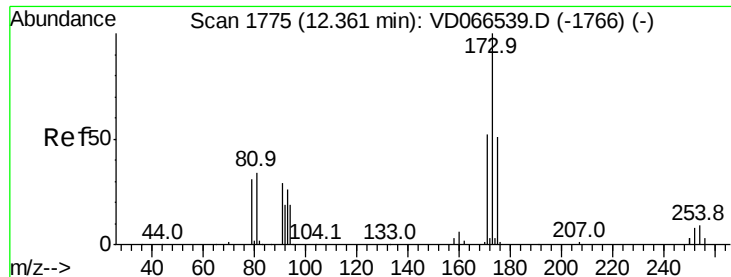
Tot Ion:106 Resp: 425402
Ion Ratio Lower Upper
106 100
91 219.0 107.9 323.8



#70
Styrene
Concen: 54.696 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:104 Resp: 735057
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 55.9 42.9 64.3

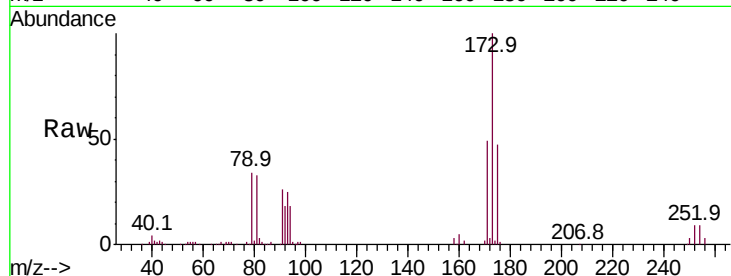




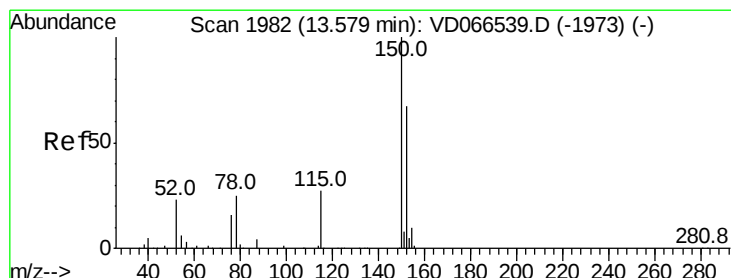
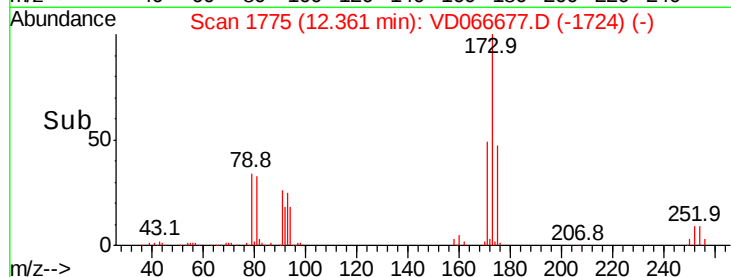
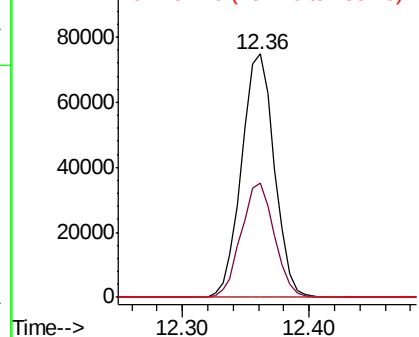
#71
Bromoform
Concen: 55.121 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 134131
Ion Ratio Lower Upper
173 100
175 47.4 24.2 72.6
254 0.0 0.0 0.0

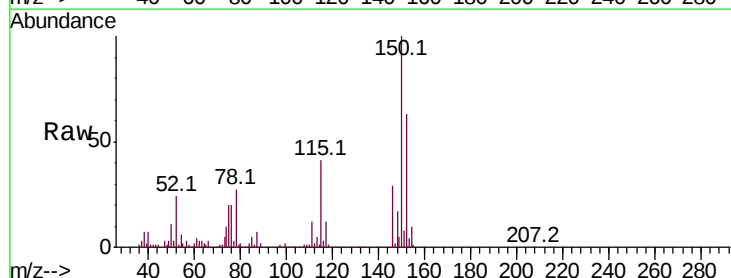


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

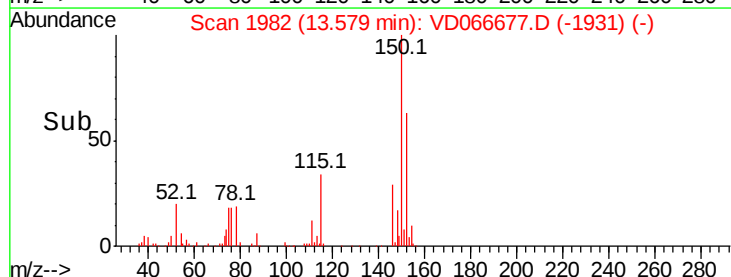
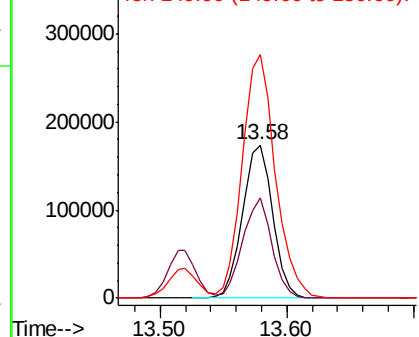


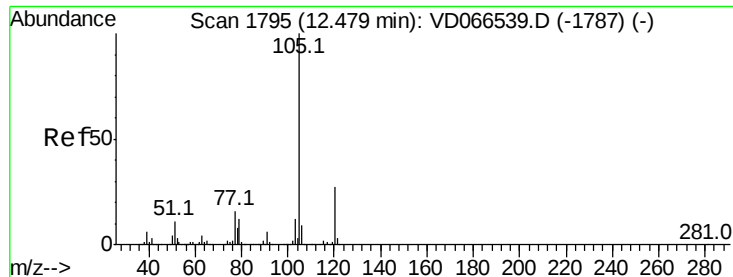
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:152 Resp: 286630
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.2
150 174.3 0.0 345.8



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





#73

Isopropylbenzene

Concen: 55.589 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

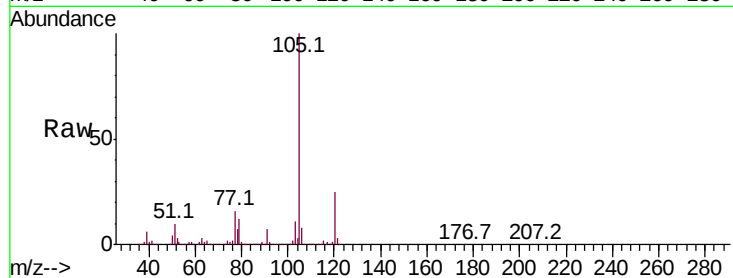
ClientSampleId :

Tot Ion:105 Resp: 1179701

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

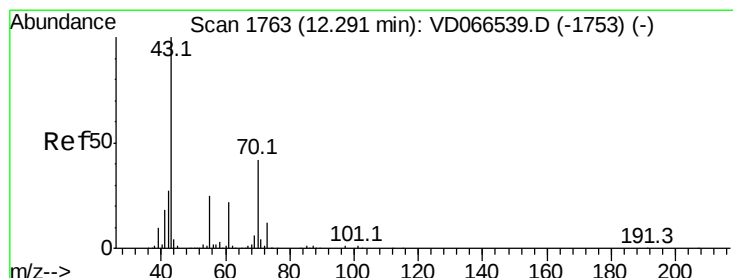
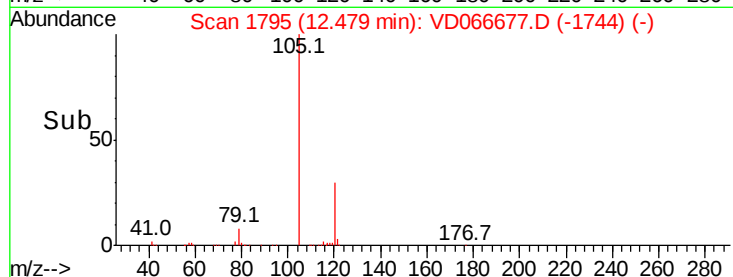
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 56.649 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion: 43 Resp: 272281

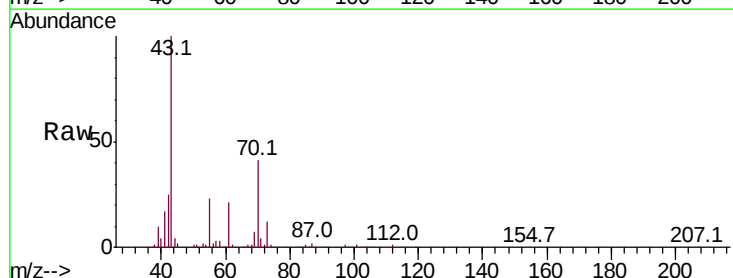
Ion Ratio Lower Upper

43 100

70 41.7 33.4 50.2

55 25.1 20.1 30.1

61 22.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

250000

200000

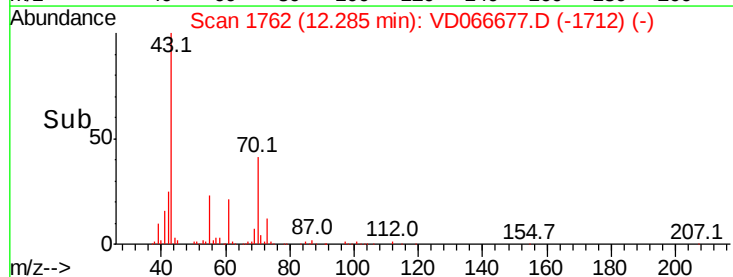
150000

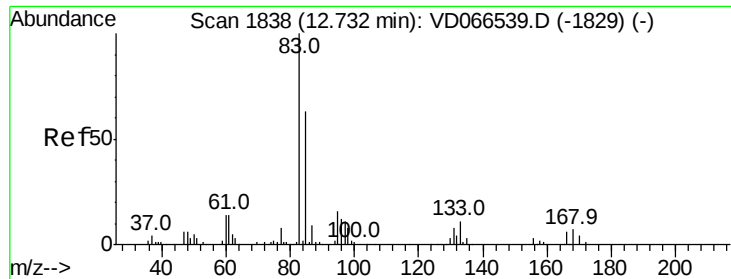
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.402 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

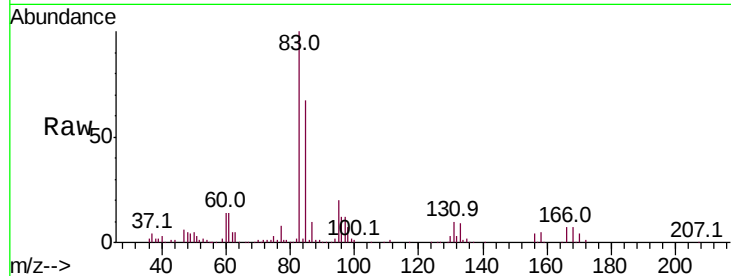
Tot Ion: 83 Resp: 200215

Ion Ratio Lower Upper

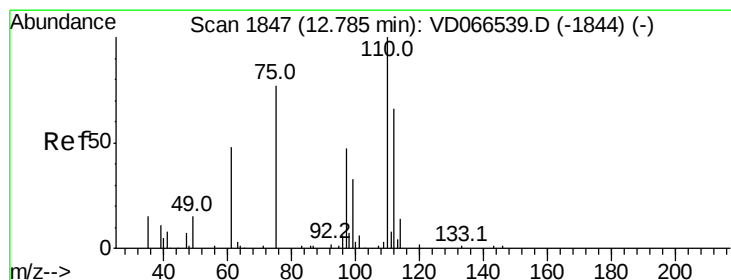
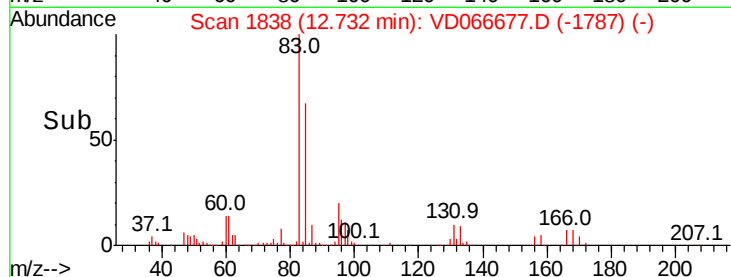
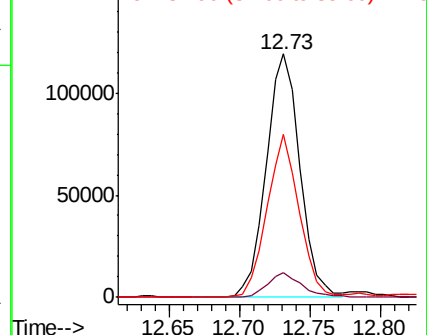
83 100

131 10.4 5.0 15.0

85 63.6 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 97.845 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066677.D

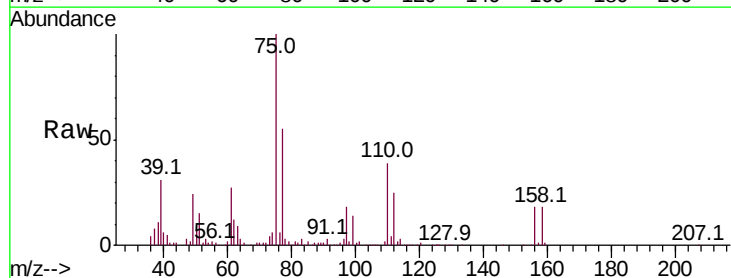
Acq: 14 Sep 2020 16:59

Tgt Ion: 75 Resp: 269721

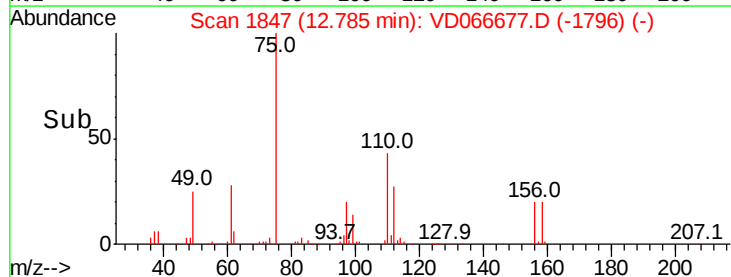
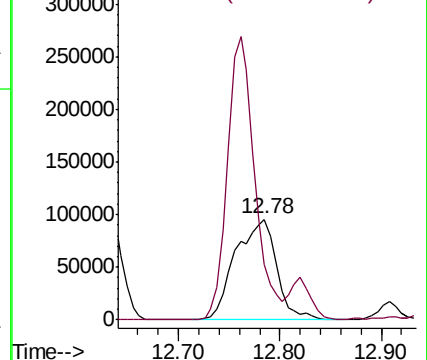
Ion Ratio Lower Upper

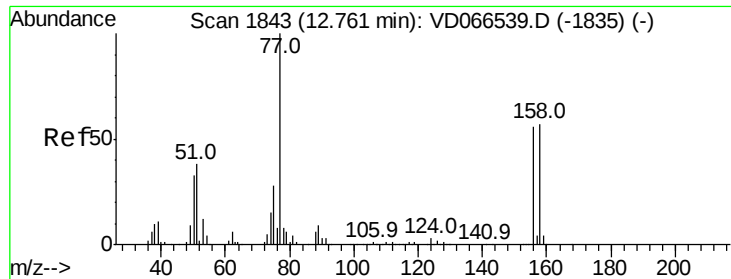
75 100

77 0.0 0.0 0.0



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

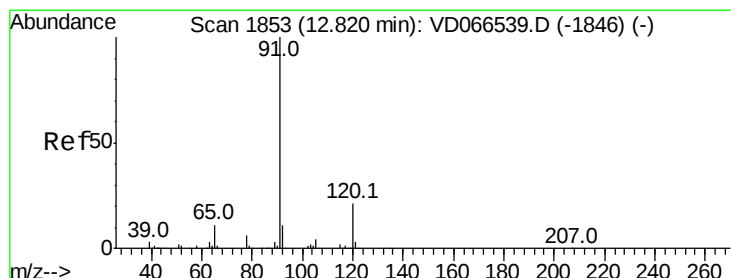
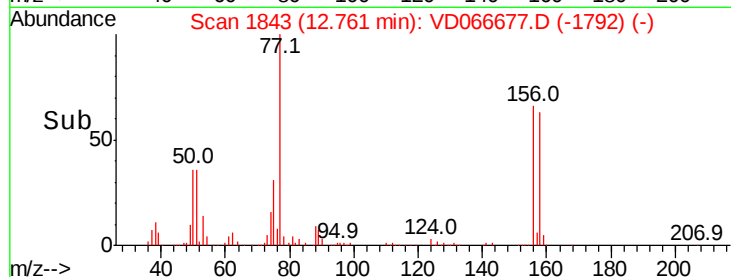
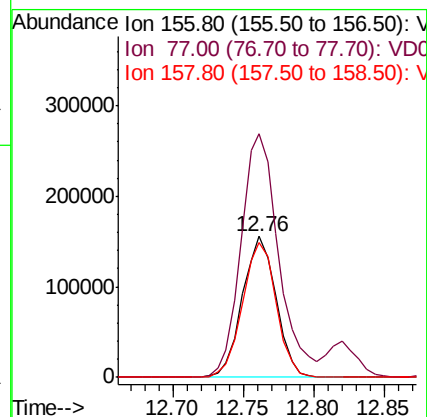
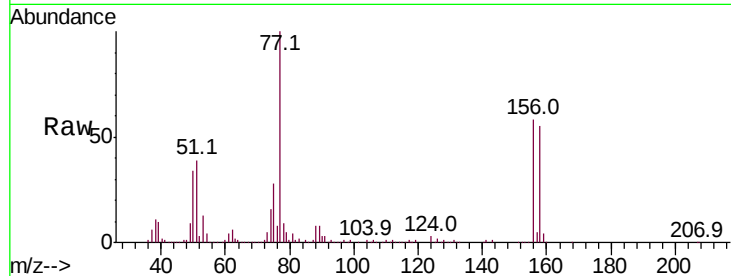




#77
Bromobenzene
Concen: 54.762 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

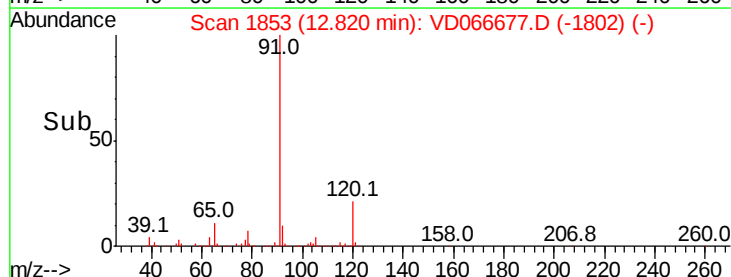
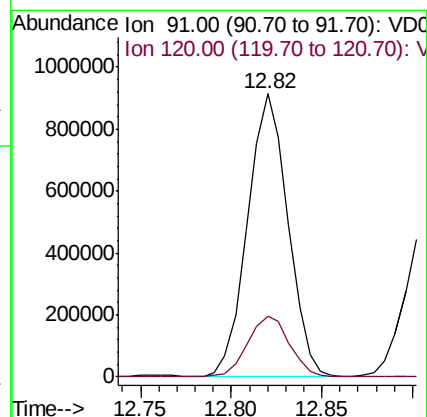
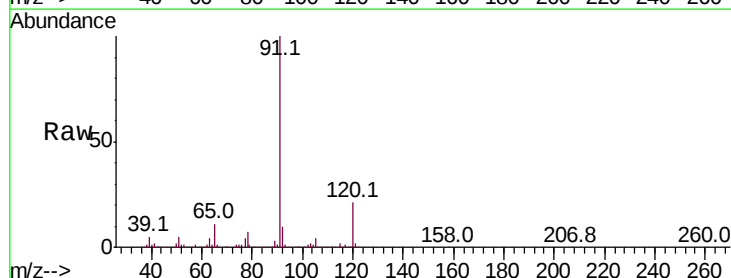
Instrument :
MSVOA_D
ClientSampled :

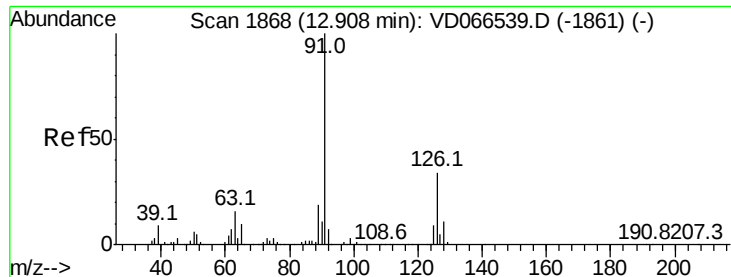
Tot Ion:156 Resp: 259091
Ion Ratio Lower Upper
156 100
77 194.4 98.0 294.1
158 96.1 48.1 144.3



#78
n-propylbenzene
Concen: 54.850 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 91 Resp: 1411088
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 55.595 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

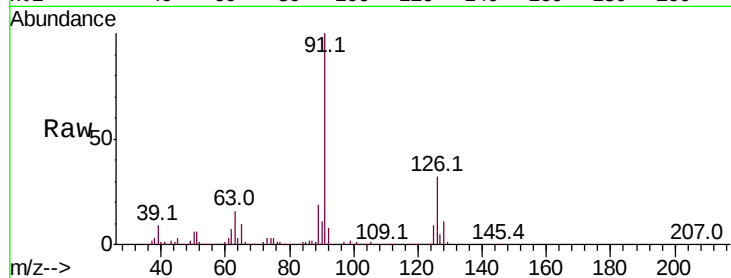
ClientSampled :

Tot Ion: 91 Resp: 802361

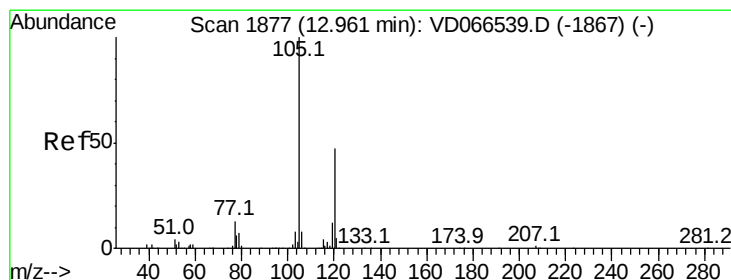
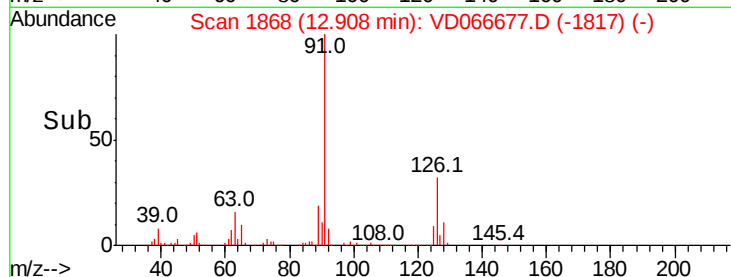
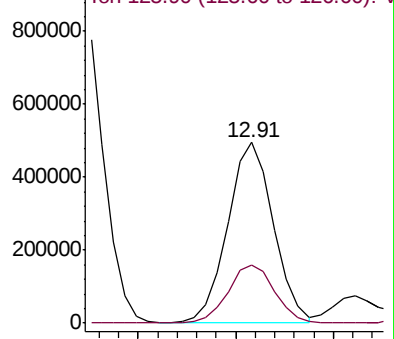
Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 56.823 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066677.D

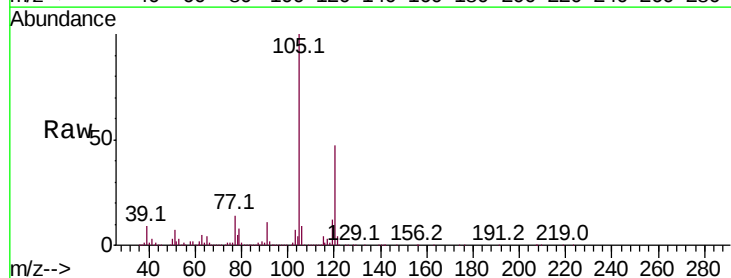
Acq: 14 Sep 2020 16:59

Tgt Ion:105 Resp: 1014955

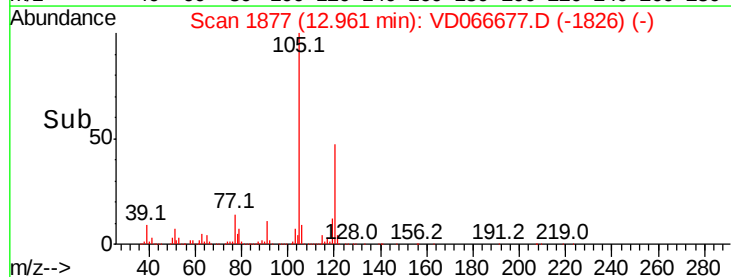
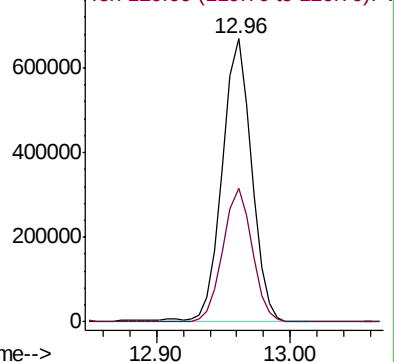
Ion Ratio Lower Upper

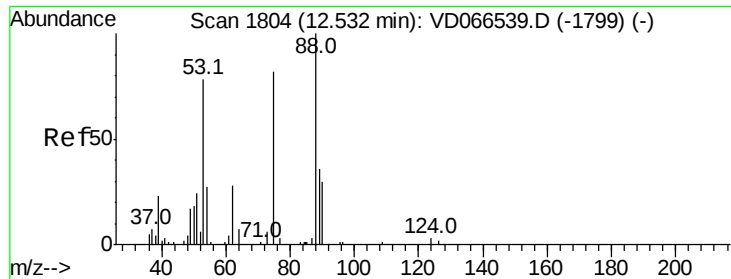
105 100

120 47.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.385 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

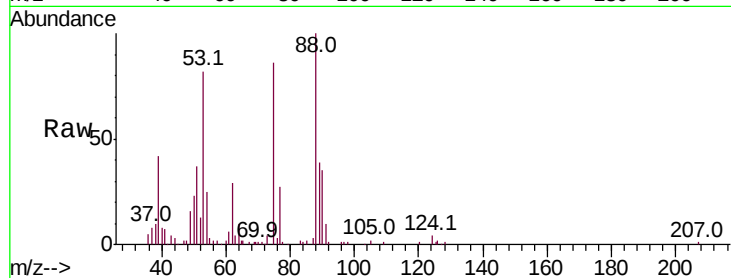
Tot Ion: 75 Resp: 61853

Ion Ratio Lower Upper

75 100

53 109.3 87.0 130.4

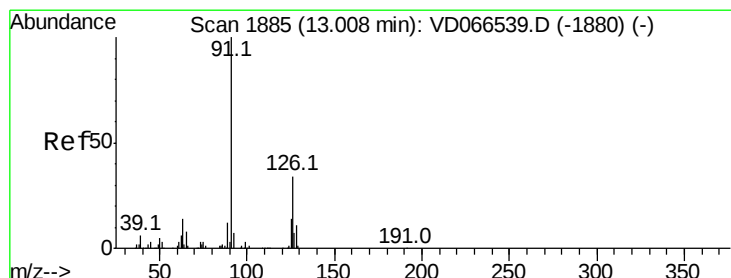
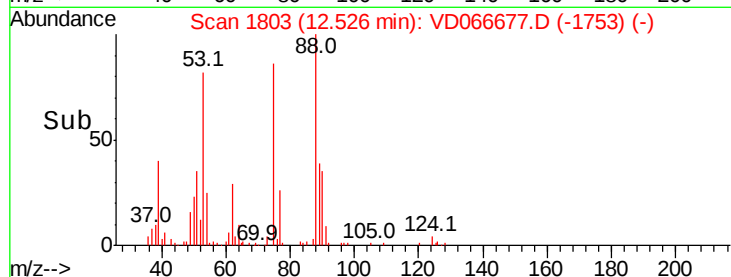
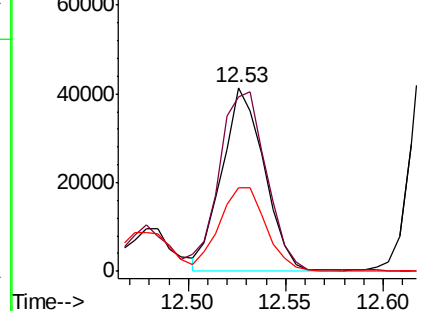
89 50.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 54.685 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066677.D

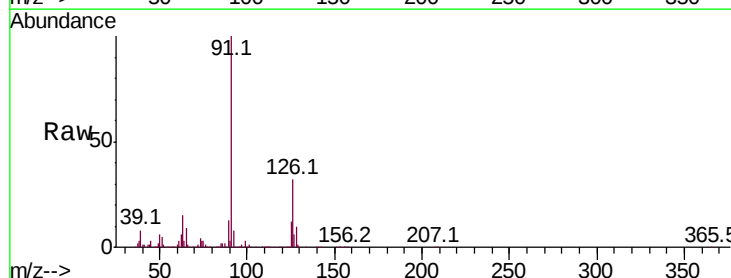
Acq: 14 Sep 2020 16:59

Tgt Ion: 91 Resp: 843970

Ion Ratio Lower Upper

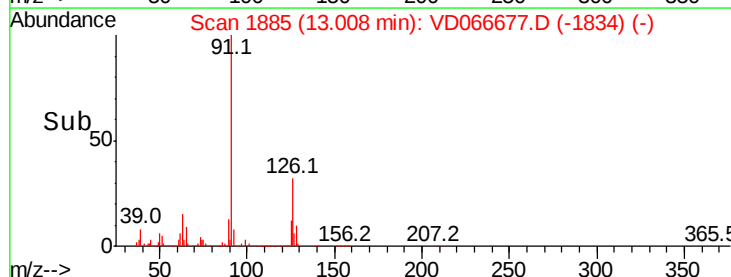
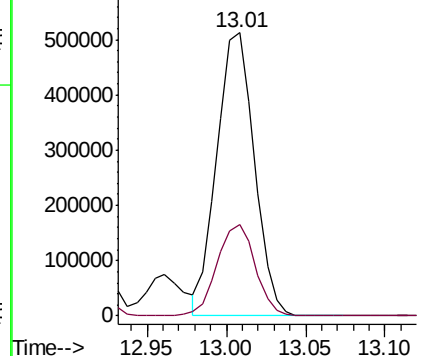
91 100

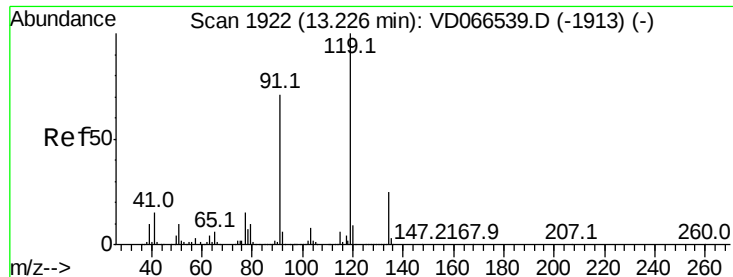
126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

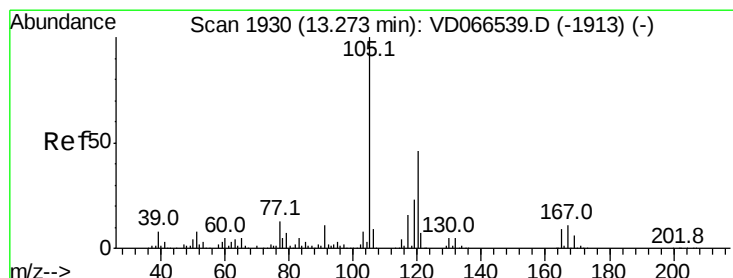
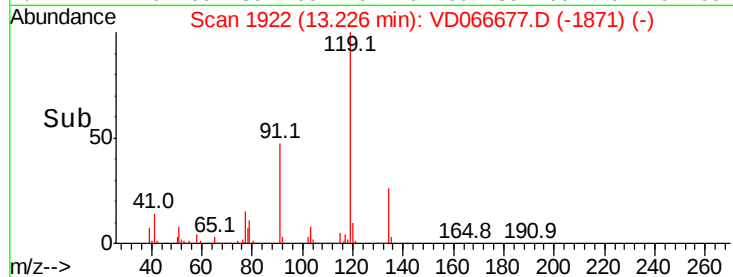
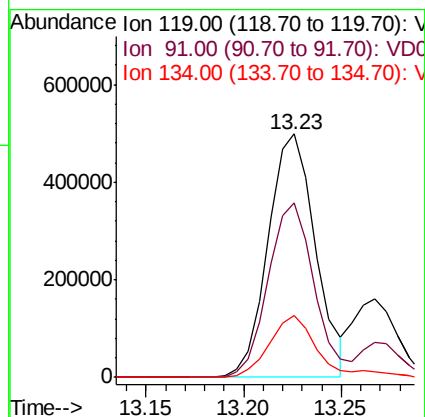
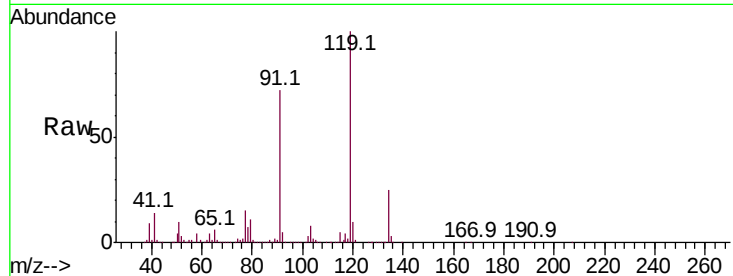




#83
tert-Butylbenzene
Concen: 57.421 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

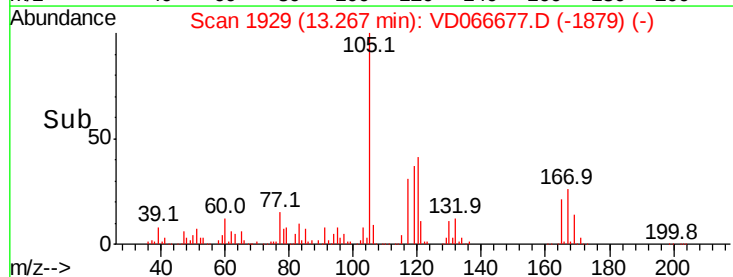
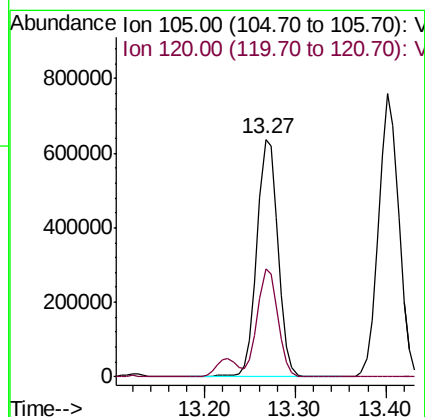
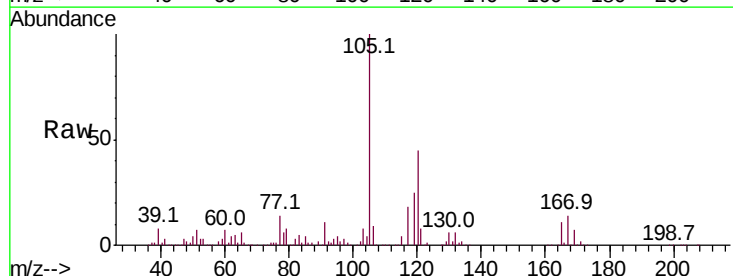
Instrument :
MSVOA_D
ClientSampleId :

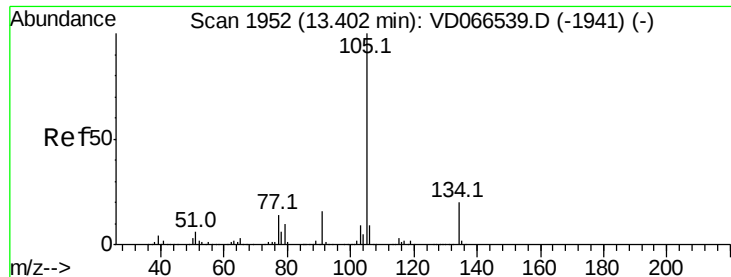
Tot Ion:119 Resp: 837549
Ion Ratio Lower Upper
119 100
91 70.4 35.2 105.6
134 26.3 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 57.665 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:105 Resp: 1025485
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 55.932 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

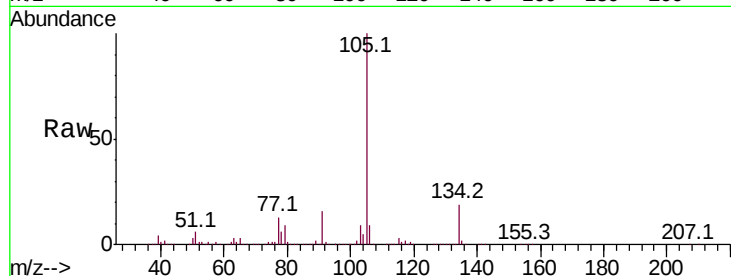
ClientSampleId :

Tot Ion:105 Resp: 1175395

Ion Ratio Lower Upper

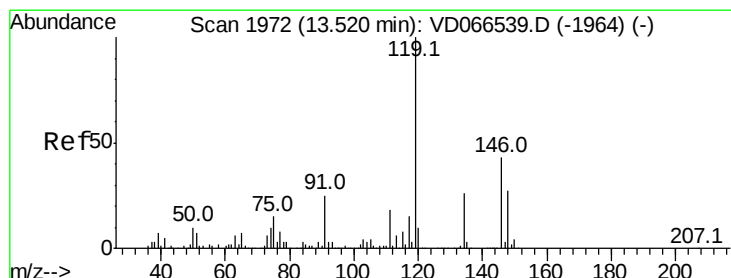
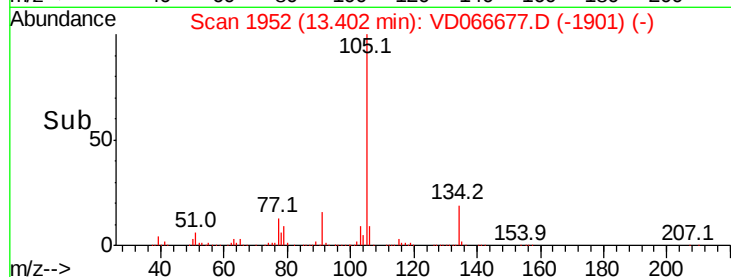
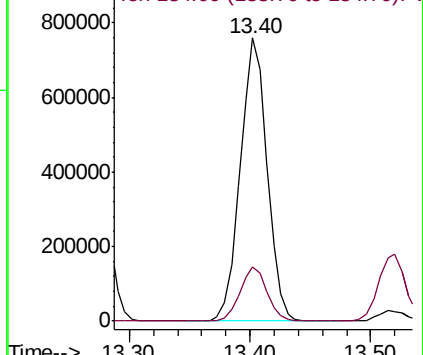
105 100

134 19.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.398 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

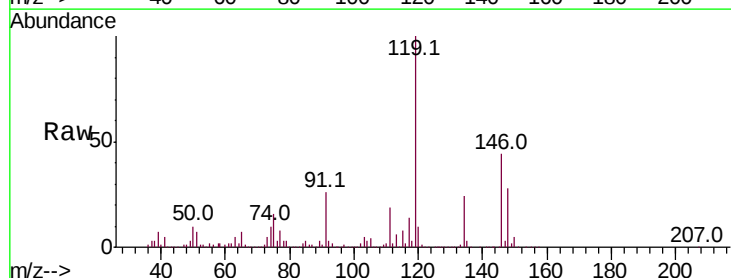
Tgt Ion:119 Resp: 1085655

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

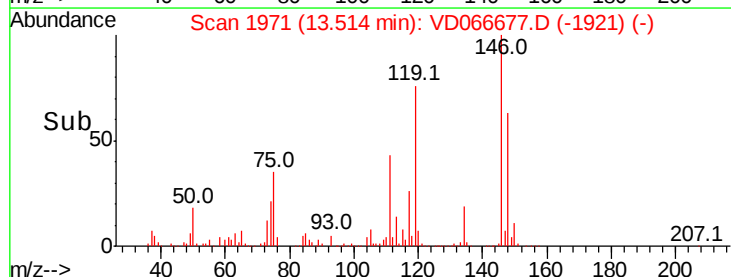
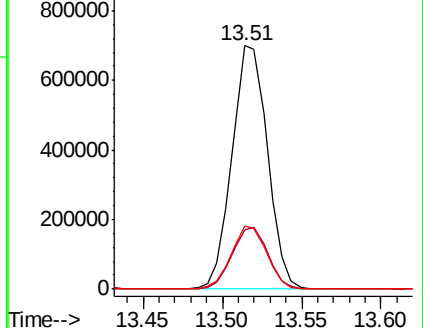
91 25.7 12.5 37.5

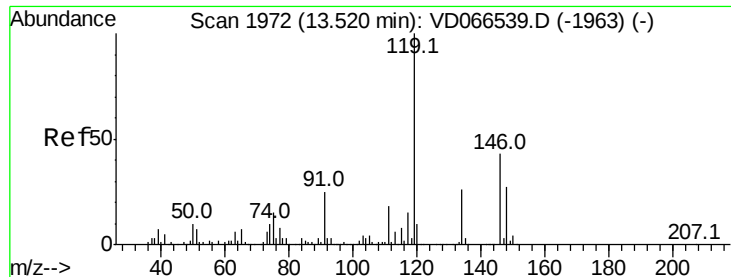


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

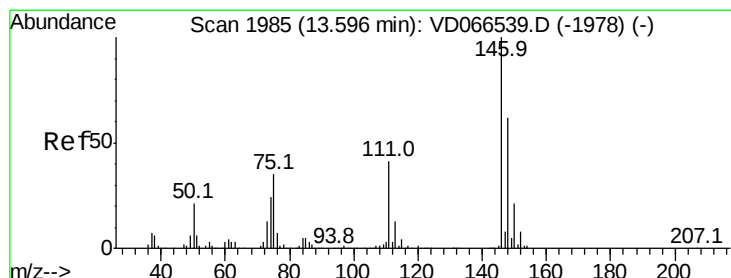
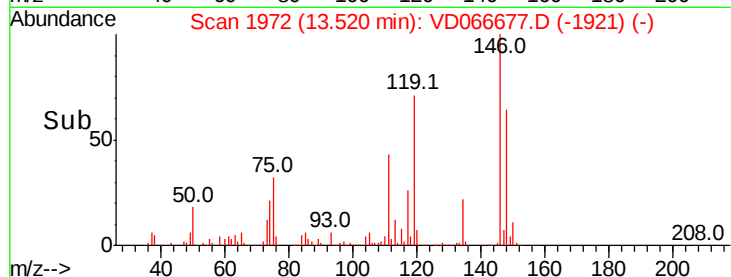
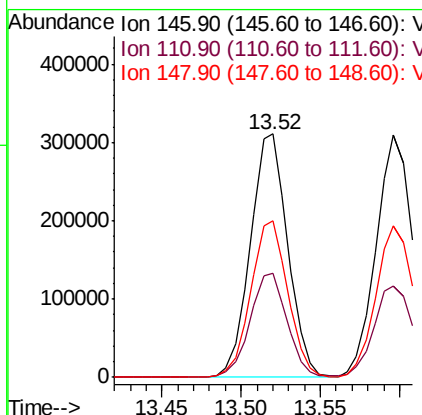
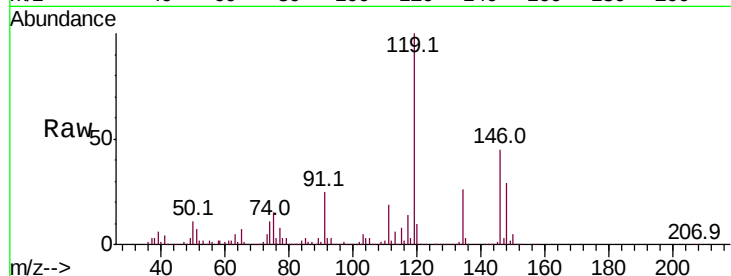




#87
 1,3-Dichlorobenzene
 Concen: 54.249 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

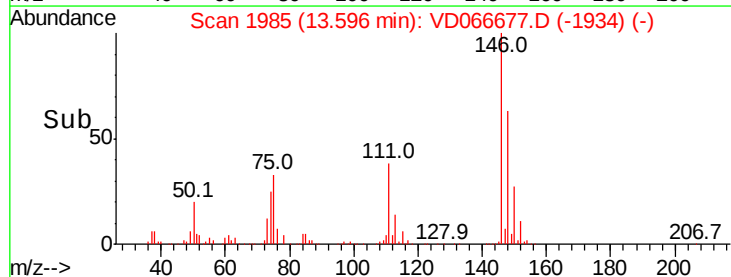
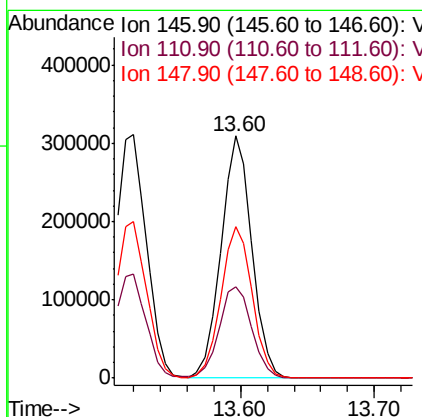
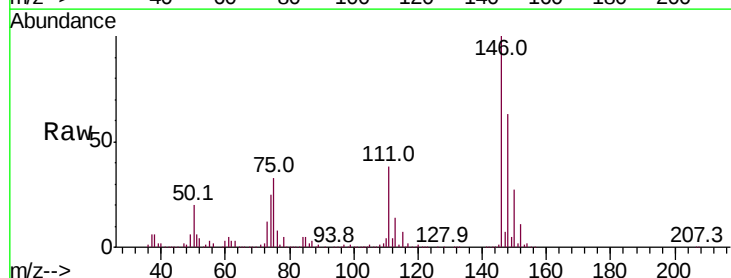
Instrument :
 MSVOA_D
 ClientSampleId :

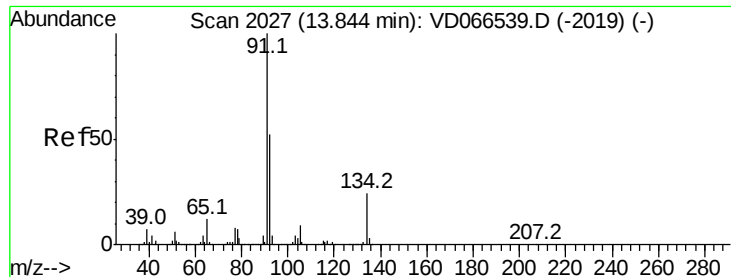
Tot Ion:146 Resp: 509547
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.6 61.9
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.983 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion:146 Resp: 499495
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.2
 148 63.4 31.6 94.8

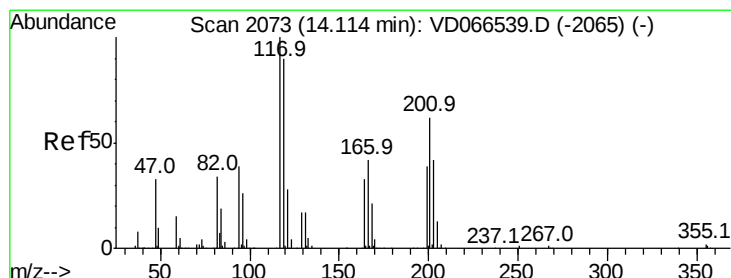
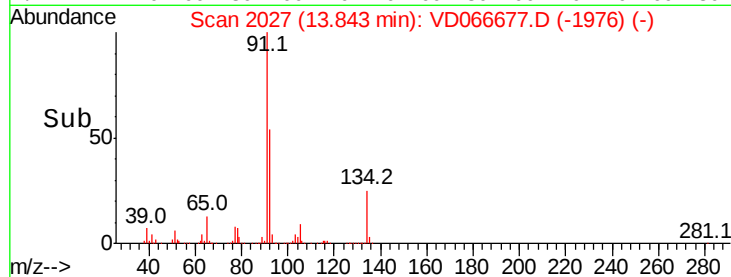
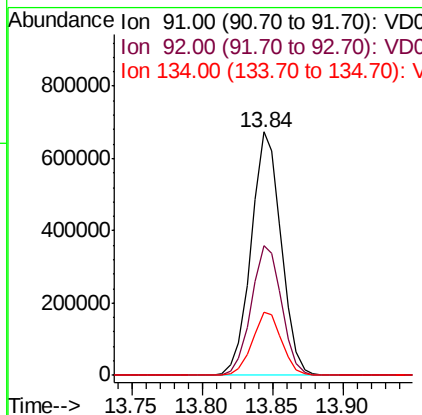
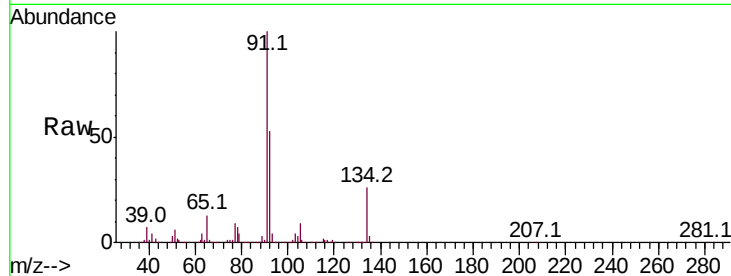




#89
n-Butylbenzene
Concen: 54.399 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

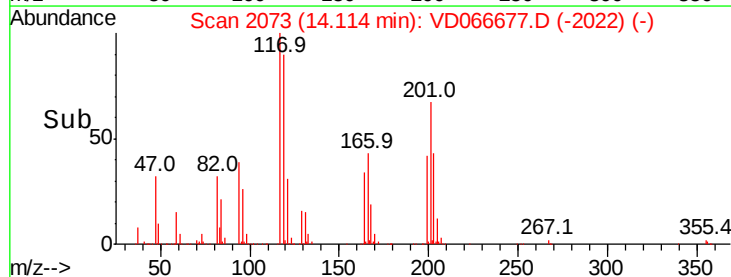
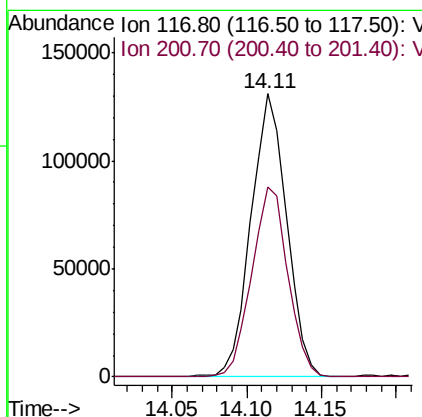
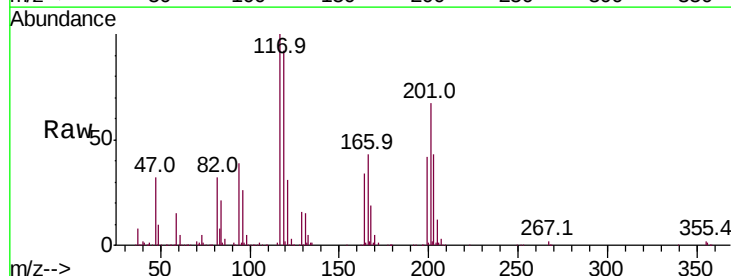
Instrument :
MSVOA_D
ClientSampled :

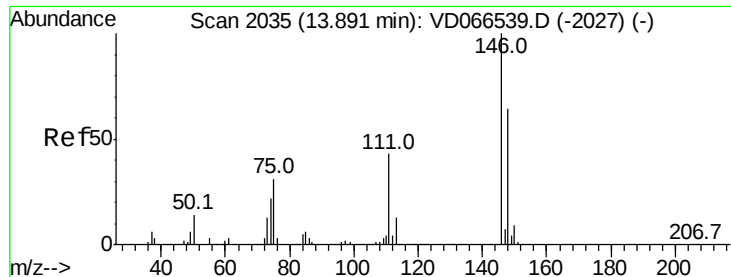
Tot Ion: 91 Resp: 1002674
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 25.4 12.1 36.3



#90
Hexachloroethane
Concen: 52.606 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 117 Resp: 214395
Ion Ratio Lower Upper
117 100
201 68.4 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 53.544 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

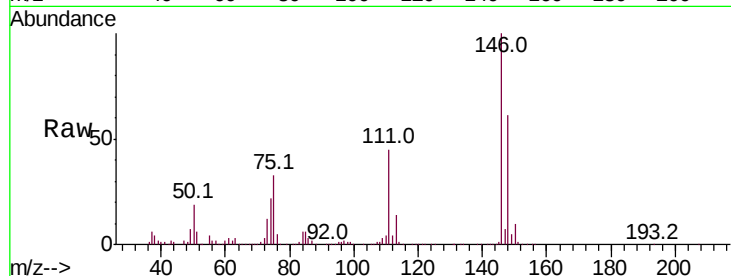
Tot Ion:146 Resp: 439588

Ion Ratio Lower Upper

146 100

111 44.0 21.1 63.4

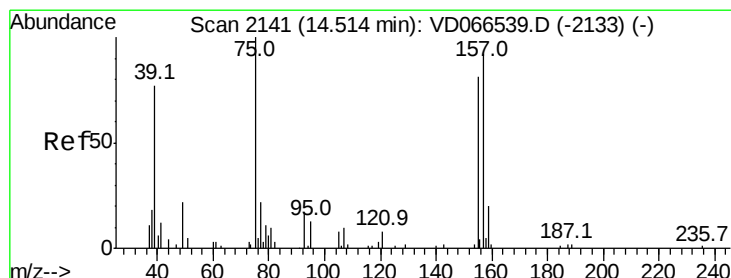
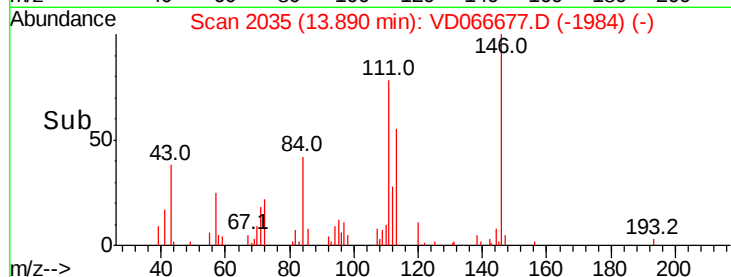
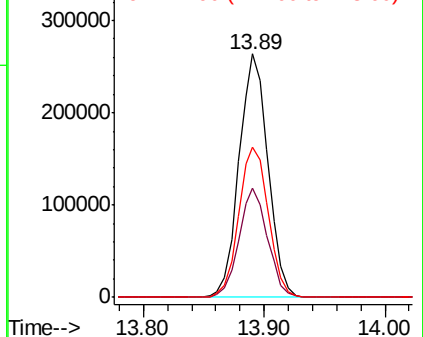
148 63.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.579 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

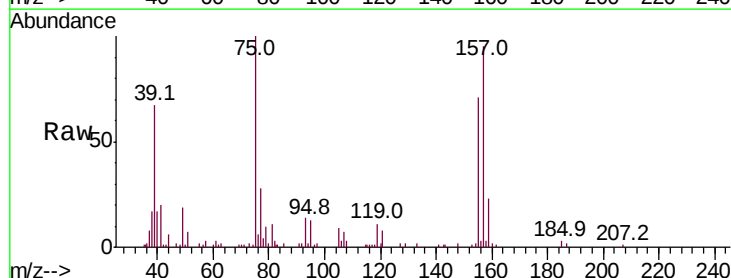
Tgt Ion: 75 Resp: 35397

Ion Ratio Lower Upper

75 100

155 75.5 39.3 117.8

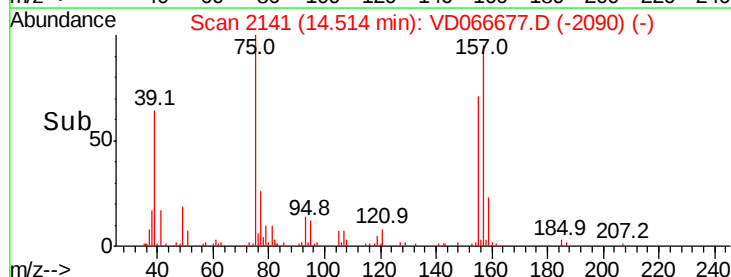
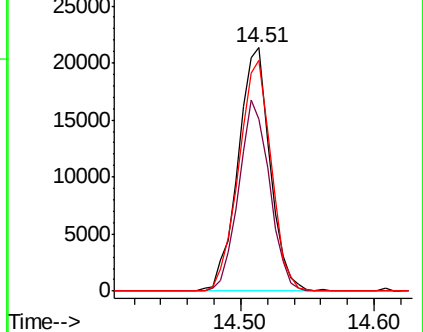
157 95.8 46.0 137.8

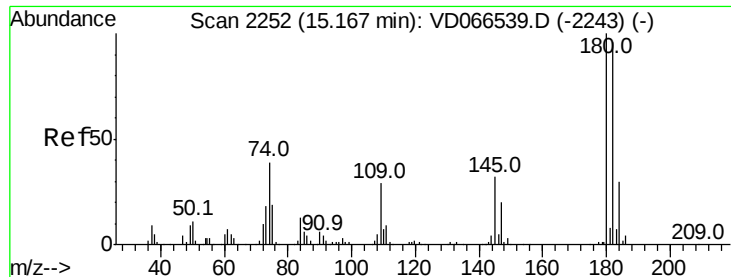


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

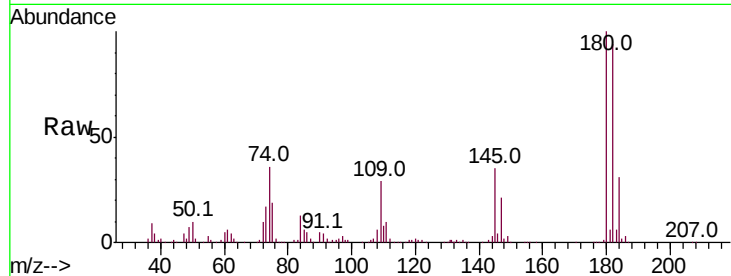




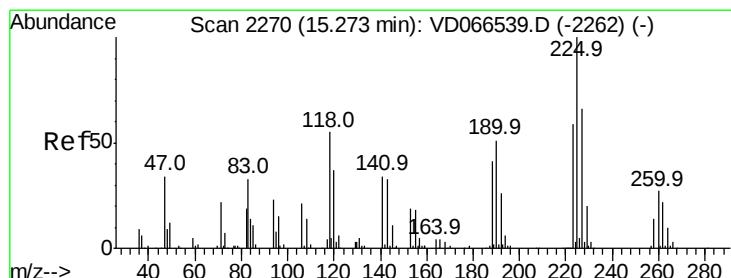
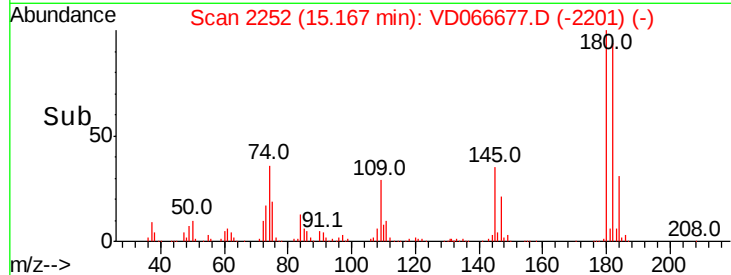
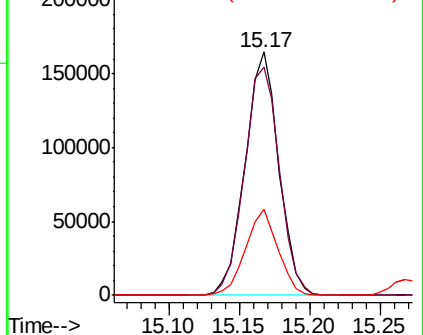
#93
 1,2,4-Trichlorobenzene
 Concen: 55.815 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.4	145.0
145	34.2	16.7	50.0

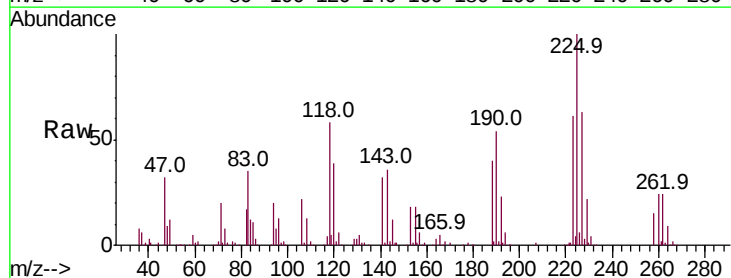


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

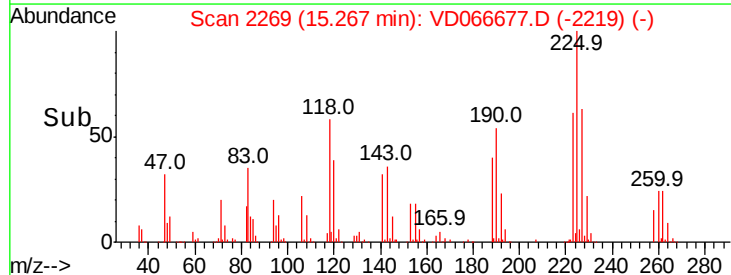
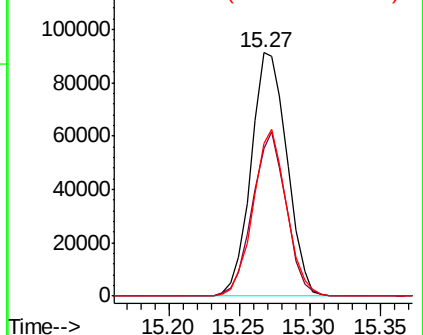


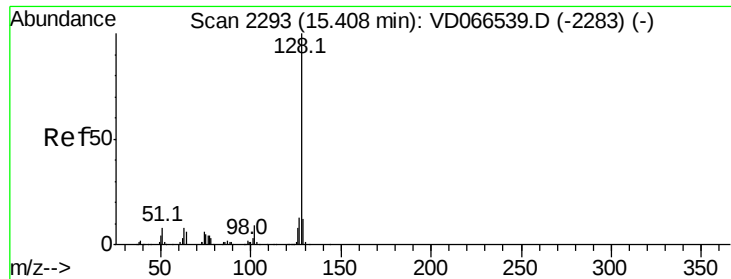
#94
 Hexachlorobutadiene
 Concen: 55.098 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.5	91.5
227	63.7	32.4	97.2



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

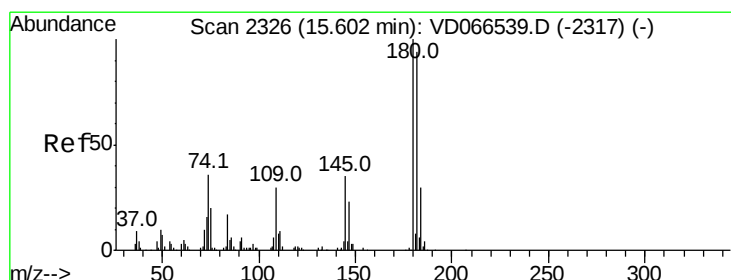
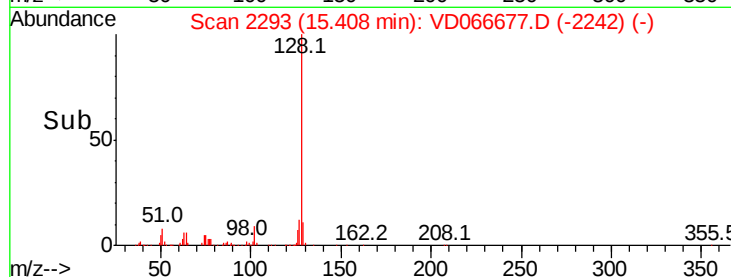
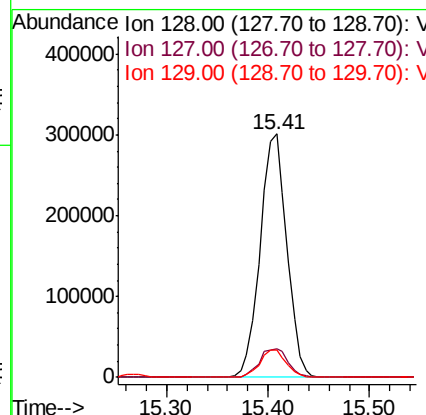
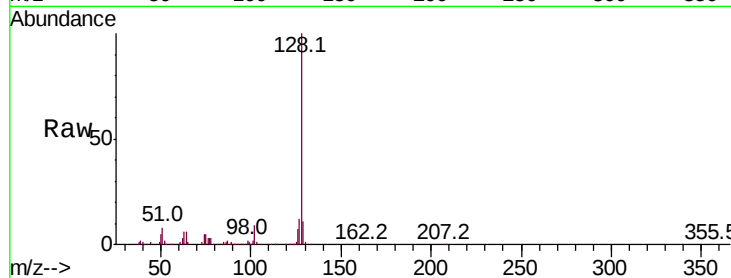




#95
Naphthalene
Concen: 63.759 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 548963
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.3 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 57.507 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:180 Resp: 241572
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 34.7 17.3 51.7

