

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066126.D
 Acq On : 05 Aug 2020 12:26
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 05 13:36:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	356217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	509998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	312799	98.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.44%	
35) Dibromofluoromethane	7.91	113	321140	98.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.98%	
50) Toluene-d8	10.34	98	1194999	100.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.74%	
62) 4-Bromofluorobenzene	12.64	95	426948	98.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	280637	84.760	ug/l 98
3) Chloromethane	2.20	50	209233	80.310	ug/l 96
4) Vinyl Chloride	2.34	62	202041	90.608	ug/l 100
5) Bromomethane	2.74	94	129239	84.759	ug/l 97
6) Chloroethane	2.91	64	122021	87.848	ug/l # 88
7) Trichlorofluoromethane	3.26	101	533973	91.929	ug/l 97
8) Diethyl Ether	3.70	74	158922	100.259	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	320353	93.267	ug/l 99
10) Methyl Iodide	4.28	142	321850	152.602	ug/l 99
11) Tert butyl alcohol	5.23	59	108328	285.899	ug/l 98
12) 1,1-Dichloroethene	4.06	96	303238	94.063	ug/l 95
13) Acrolein	3.92	56	120973	469.988	ug/l 99
14) Allyl chloride	4.70	41	470482	97.237	ug/l 99
15) Acrylonitrile	5.42	53	341259	512.016	ug/l 99
16) Acetone	4.16	43	296776	484.653	ug/l 99
17) Carbon Disulfide	4.40	76	969913	94.509	ug/l 99
18) Methyl Acetate	4.71	43	147296	93.786	ug/l 95
19) Methyl tert-butyl Ether	5.47	73	726991	100.661	ug/l 98
20) Methylene Chloride	4.96	84	330631	73.205	ug/l 98
21) trans-1,2-Dichloroethene	5.47	96	348432	93.898	ug/l 96
22) Diisopropyl ether	6.36	45	932225	97.491	ug/l 97
23) Vinyl Acetate	6.30	43	2805893	507.046	ug/l 99
24) 1,1-Dichloroethane	6.26	63	568524	95.304	ug/l 100
25) 2-Butanone	7.21	43	427955	472.390	ug/l 99
26) 2,2-Dichloropropane	7.20	77	488850	89.519	ug/l 100
27) cis-1,2-Dichloroethene	7.20	96	381056	99.230	ug/l 97
28) Bromochloromethane	7.54	49	199552	95.717	ug/l 98
29) Tetrahydrofuran	7.56	42	276073	501.356	ug/l 98
30) Chloroform	7.71	83	595512	94.852	ug/l 97
31) Cyclohexane	7.98	56	515272	88.587	ug/l 98
32) 1,1,1-Trichloroethane	7.90	97	563010	95.836	ug/l 100
36) 1,1-Dichloropropene	8.11	75	464440	94.350	ug/l 99
37) Ethyl Acetate	7.28	43	191187	100.085	ug/l 98
38) Carbon Tetrachloride	8.09	117	522977	95.564	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	580378	99.356	ug/l	98
40) Benzene	8.35	78	1290785	94.493	ug/l	100
41) Methacrylonitrile	7.52	41	113053	103.859	ug/l	96
42) 1,2-Dichloroethane	8.42	62	379726	95.178	ug/l	100
43) Isopropyl Acetate	8.45	43	380612	101.961	ug/l	99
44) Trichloroethene	9.11	130	393261	96.342	ug/l	100
45) 1,2-Dichloropropane	9.38	63	319880	96.730	ug/l	95
46) Dibromomethane	9.47	93	178341	98.084	ug/l	100
47) Bromodichloromethane	9.66	83	468182	97.376	ug/l	98
48) Methyl methacrylate	9.46	41	180508	91.807	ug/l	90
49) 1,4-Dioxane	9.46	88	46216	1981.885	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	950074	488.407	ug/l	98
52) Toluene	10.40	92	852483	95.351	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	452446	100.444	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	533578	101.322	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	249539	94.176	ug/l	97
56) Ethyl methacrylate	10.66	69	326694	107.482	ug/l	99
57) 1,3-Dichloropropane	10.94	76	417700	95.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	711707	514.653	ug/l	100
59) 2-Hexanone	10.98	43	679446	499.487	ug/l	98
60) Dibromochloromethane	11.14	129	348195	95.989	ug/l	99
61) 1,2-Dibromoethane	11.25	107	245322	97.638	ug/l	99
64) Tetrachloroethene	10.87	164	352031	96.401	ug/l	98
65) Chlorobenzene	11.67	112	919606	95.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	359930	94.683	ug/l	99
67) Ethyl Benzene	11.74	91	1634144	98.475	ug/l	100
68) m/p-Xylenes	11.86	106	1260052	195.247	ug/l	98
69) o-Xylene	12.18	106	589426	101.503	ug/l	98
70) Styrene	12.20	104	1013994	99.123	ug/l	100
71) Bromoform	12.36	173	213709	95.552	ug/l #	100
73) Isopropylbenzene	12.48	105	1615247	98.962	ug/l	100
74) N-amyl acetate	12.29	43	365012	103.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	262658	92.796	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	354331	176.481	ug/l #	100
77) Bromobenzene	12.77	156	407068	96.056	ug/l	100
78) n-propylbenzene	12.83	91	1853924	97.239	ug/l	100
79) 2-Chlorotoluene	12.91	91	1050488	96.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1345271	98.393	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	91317	99.583	ug/l	98
82) 4-Chlorotoluene	13.01	91	1101020	95.071	ug/l	100
83) tert-Butylbenzene	13.23	119	1197725	100.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1333666	96.994	ug/l	99
85) sec-Butylbenzene	13.41	105	1596176	98.353	ug/l	99
86) p-Isopropyltoluene	13.52	119	1488719	97.533	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	743281	92.183	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	750576	93.695	ug/l	100
89) n-Butylbenzene	13.85	91	1357801	100.300	ug/l	99
90) Hexachloroethane	14.12	117	291355	95.539	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	658659	92.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	46153	95.800	ug/l	97

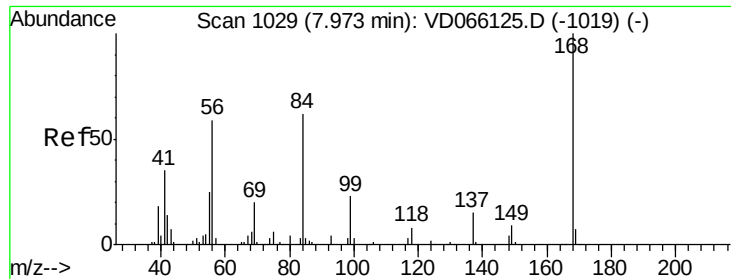
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	515824	101.073	ug/l	100
94) Hexachlorobutadiene	15.28	225	300139	99.037	ug/l	99
95) Naphthalene	15.41	128	890150	110.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	452295	100.080	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

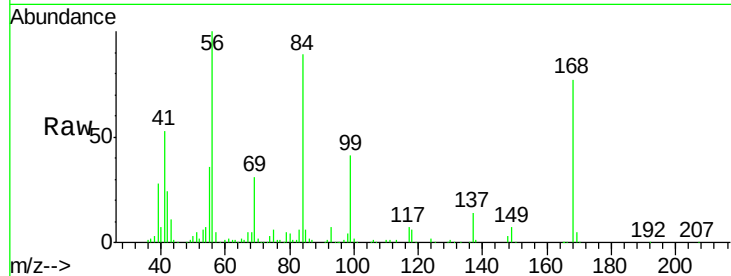
VSTDIC100

Tgt Ion:168 Resp: 356217

Ion Ratio Lower Upper

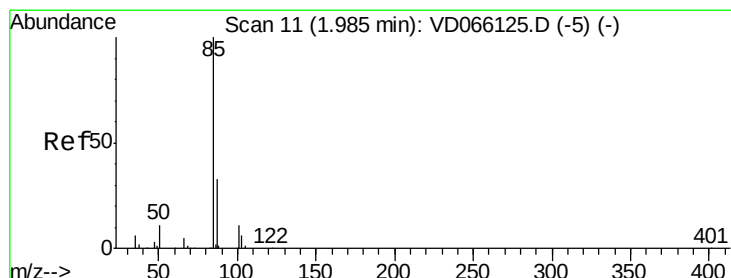
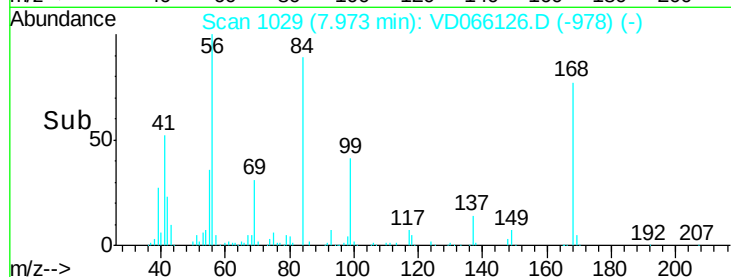
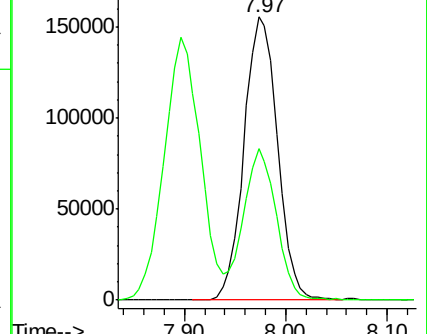
168 100

99 53.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 84.760 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066126.D

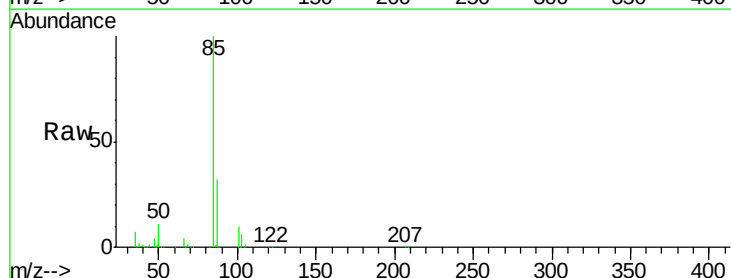
Acq: 05 Aug 2020 12:26

Tgt Ion: 85 Resp: 280637

Ion Ratio Lower Upper

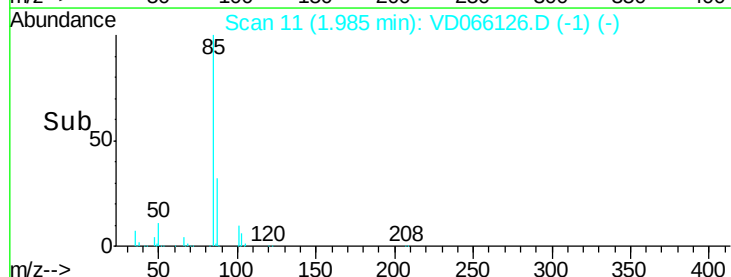
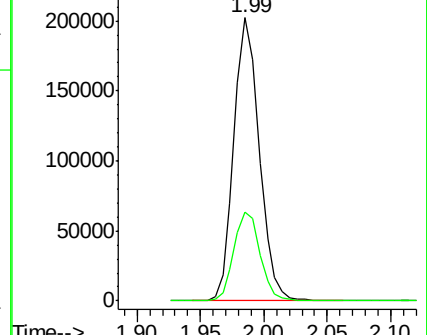
85 100

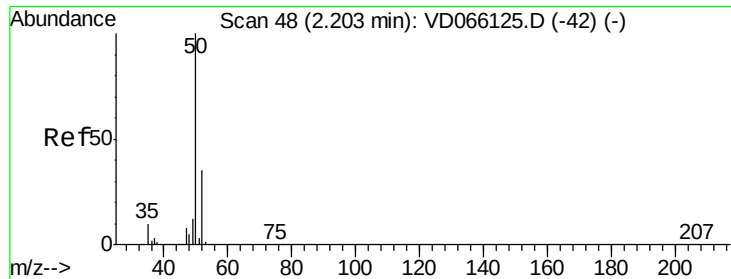
87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 80.310 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

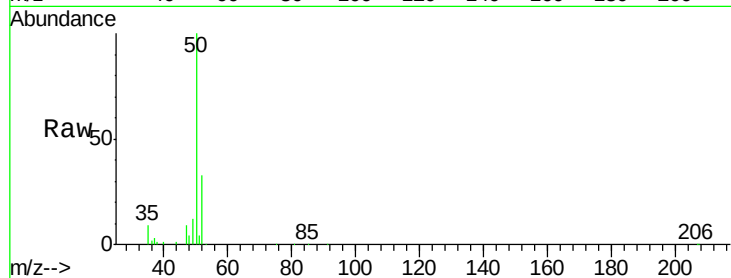
VSTDIC100

Tgt Ion: 50 Resp: 209233

Ion Ratio Lower Upper

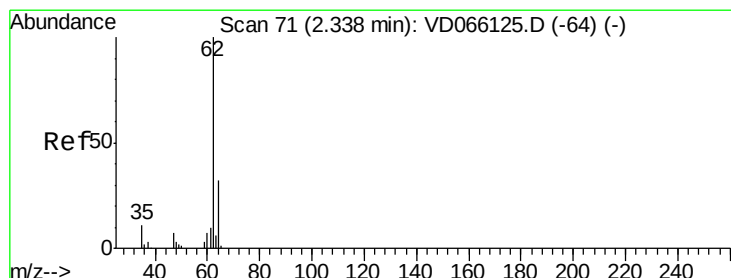
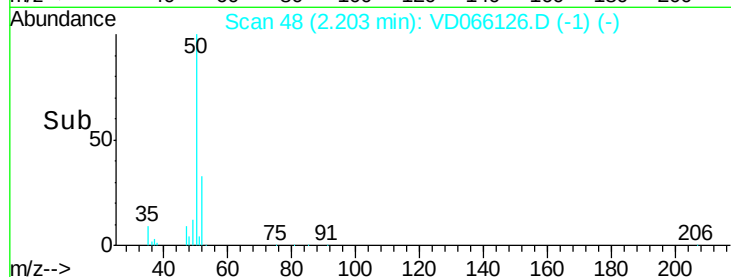
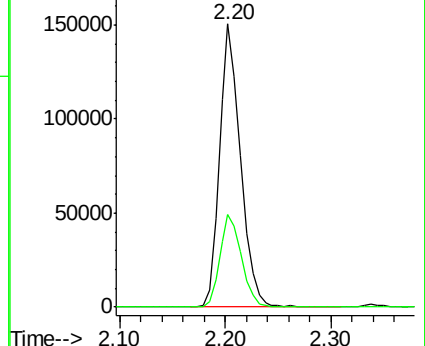
50 100

52 32.7 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 90.608 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.00 min

Lab File: VD066126.D

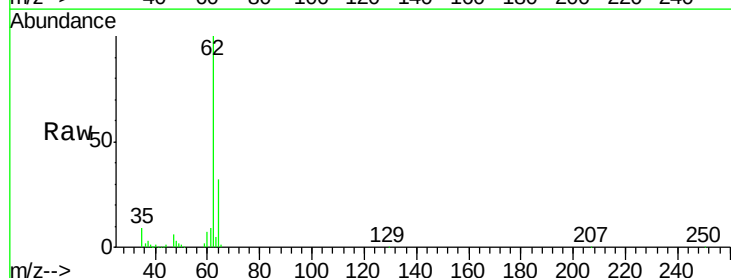
Acq: 05 Aug 2020 12:26

Tgt Ion: 62 Resp: 202041

Ion Ratio Lower Upper

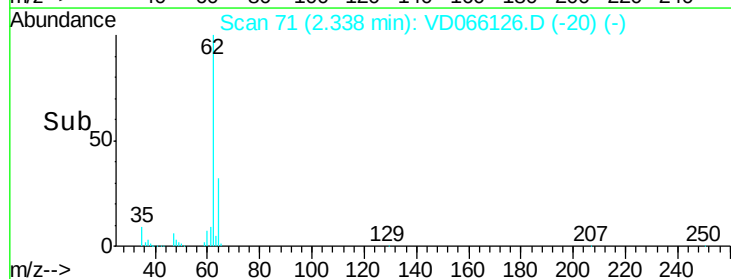
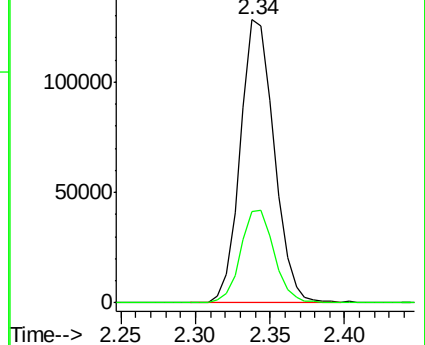
62 100

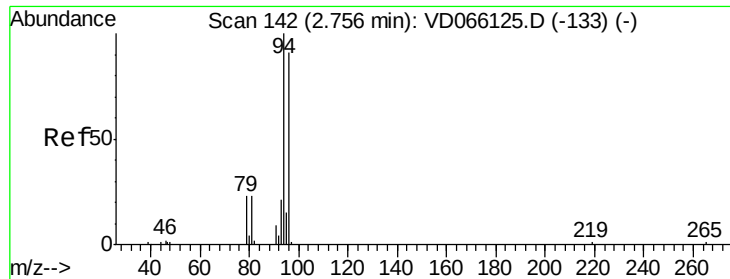
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 84.759 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

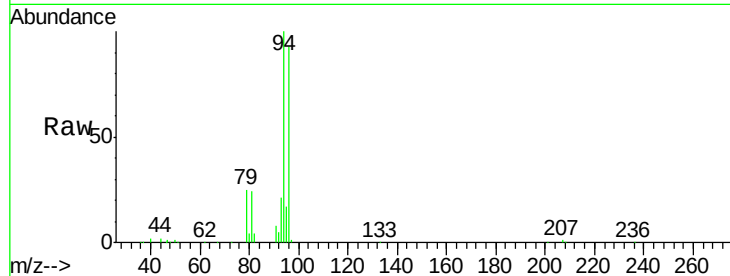
VSTDIC100

Tgt Ion: 94 Resp: 129239

Ion Ratio Lower Upper

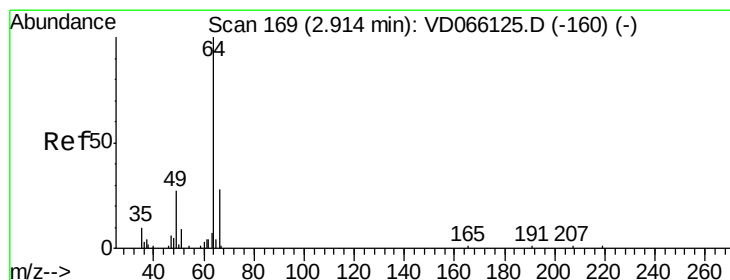
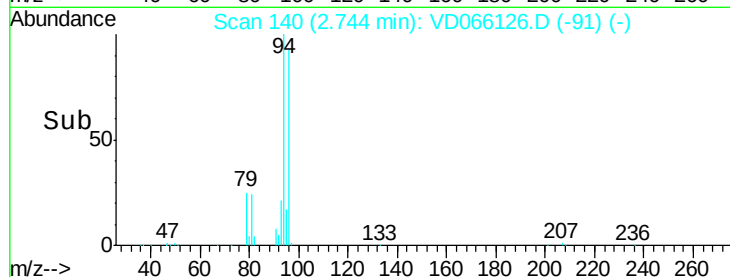
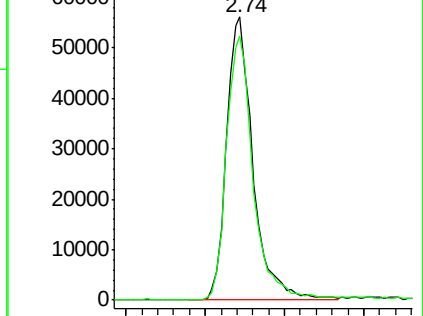
94 100

96 93.5 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 87.848 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066126.D

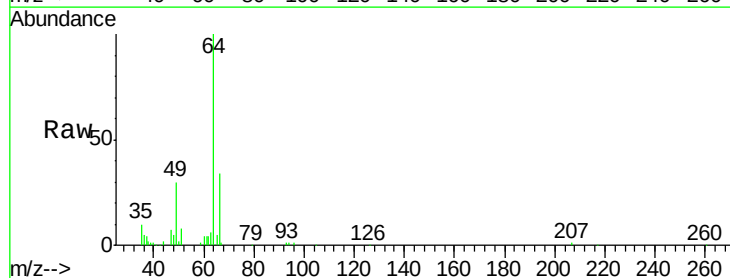
Acq: 05 Aug 2020 12:26

Tgt Ion: 64 Resp: 122021

Ion Ratio Lower Upper

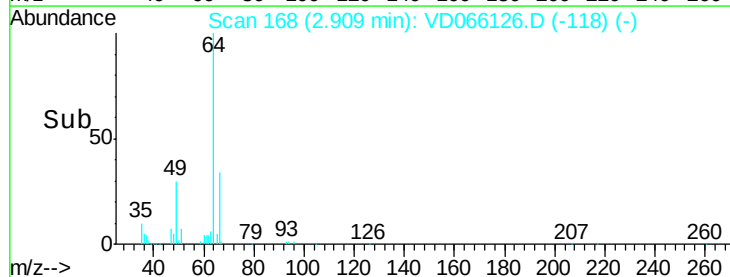
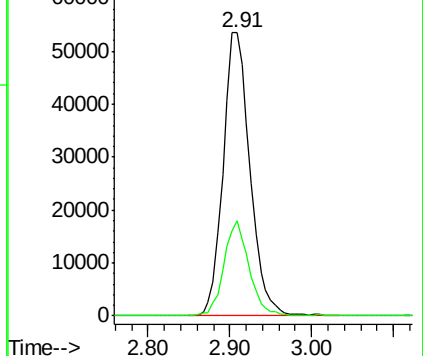
64 100

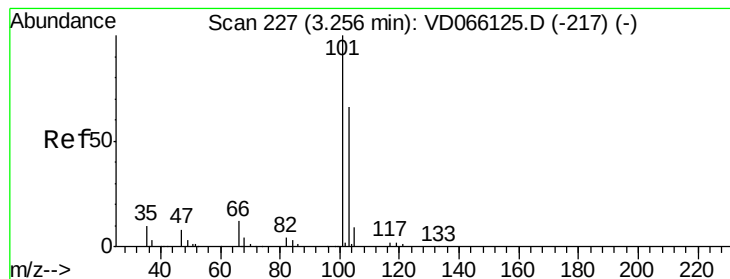
66 33.6 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



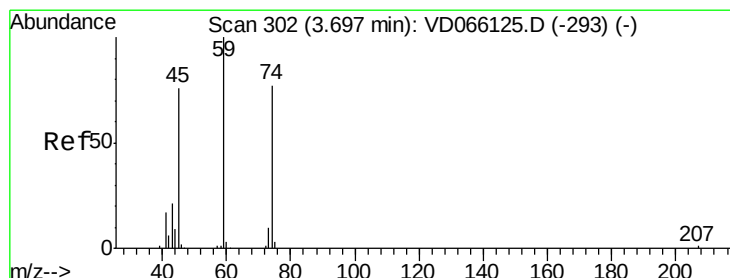
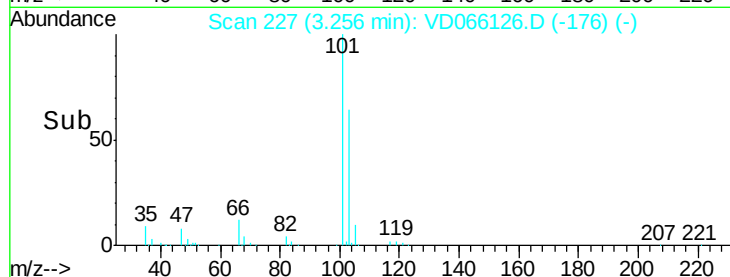
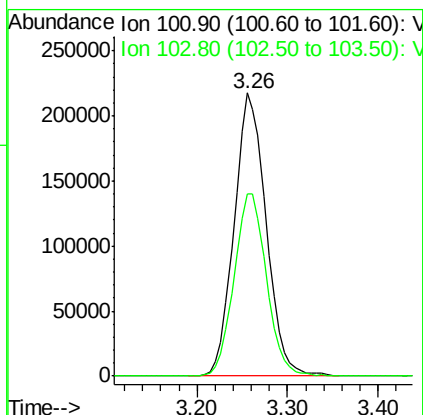
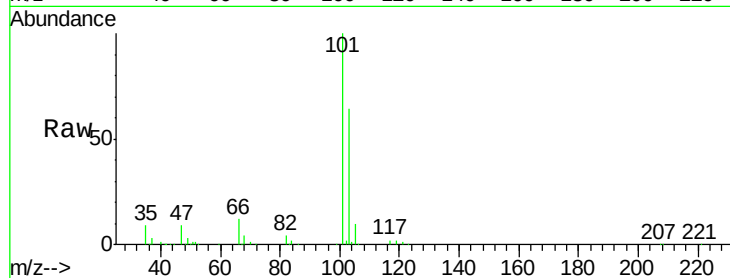


#7

Trichlorofluoromethane
 Concen: 91.929 ug/l
 RT: 3.26 min Scan# 227
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

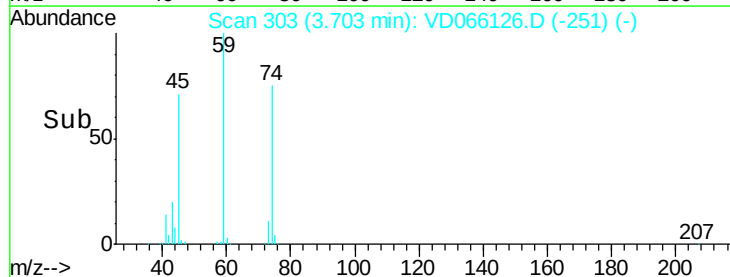
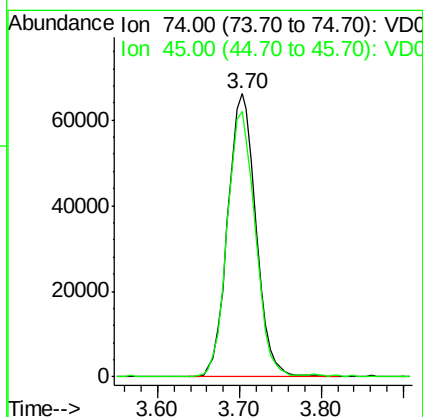
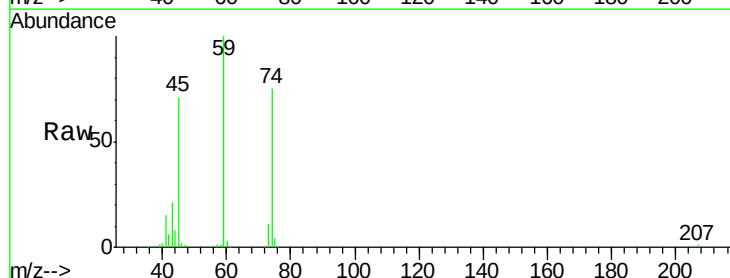
Tgt Ion: 101 Resp: 533973
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.0 79.6

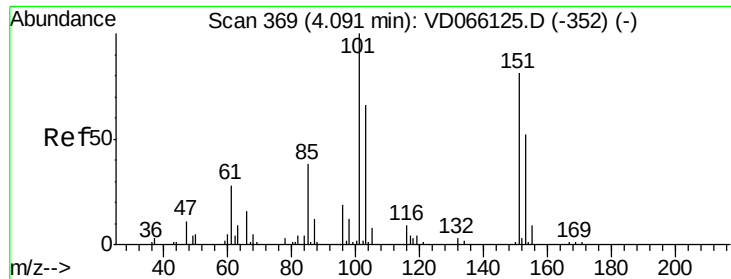


#8

Diethyl Ether
 Concen: 100.259 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 74 Resp: 158922
 Ion Ratio Lower Upper
 74 100
 45 93.6 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.267 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

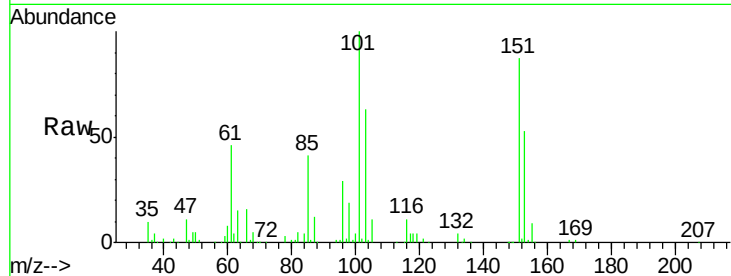
Tgt Ion:101 Resp: 320353

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

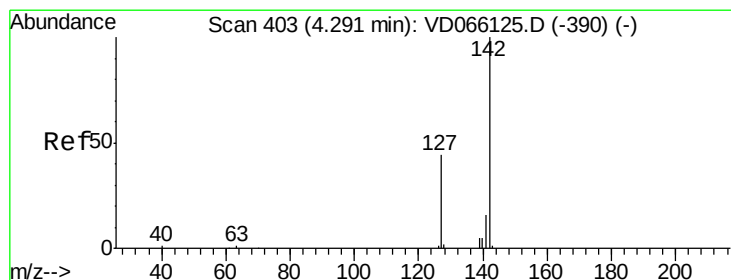
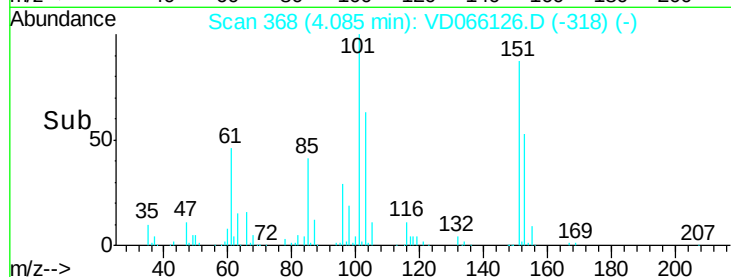
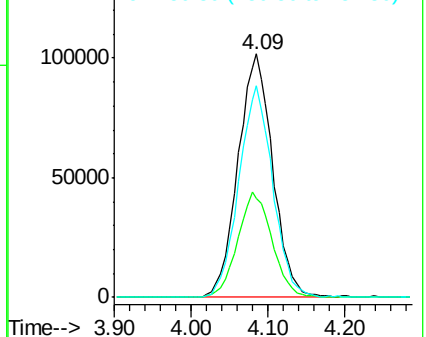
151 84.8 67.8 101.8



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: 152.602 ug/l

RT: 4.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

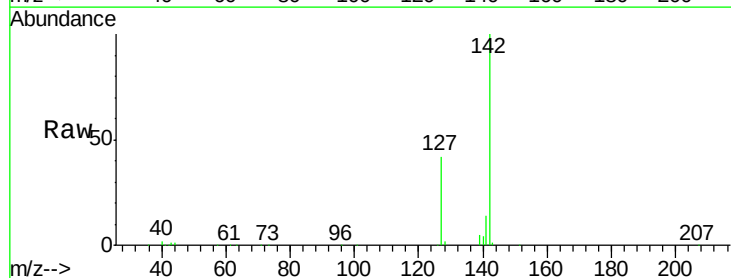
Tgt Ion:142 Resp: 321850

Ion Ratio Lower Upper

142 100

127 44.2 36.2 54.4

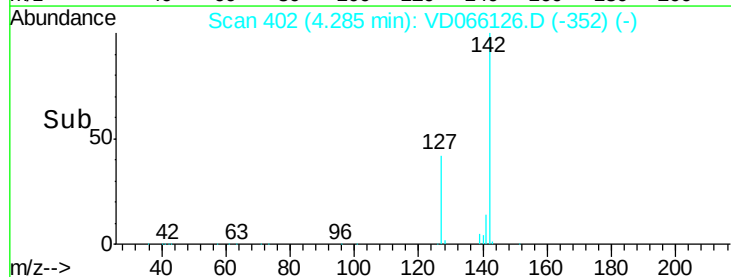
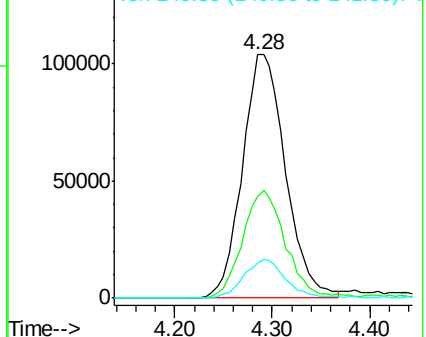
141 15.5 12.6 18.8

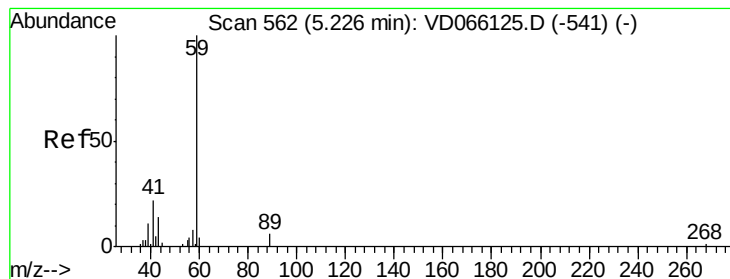


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



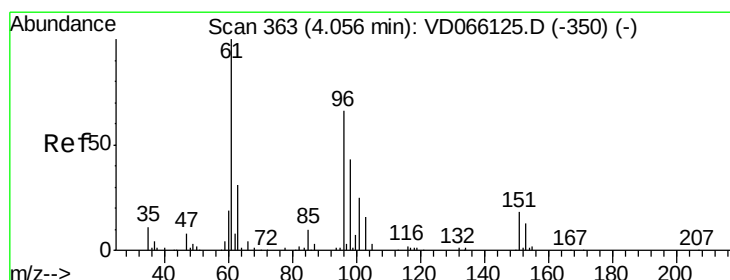
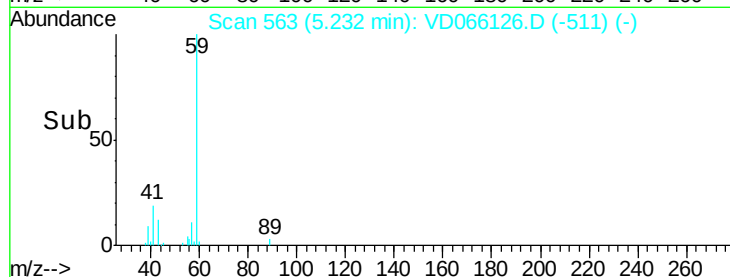
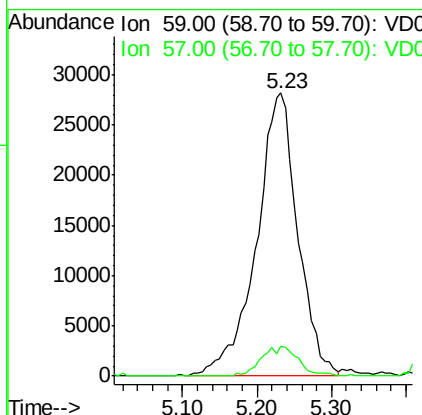
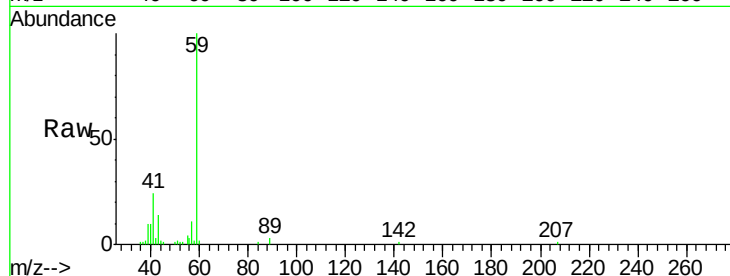


#11

Tert butyl alcohol
 Concen: 285.899 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

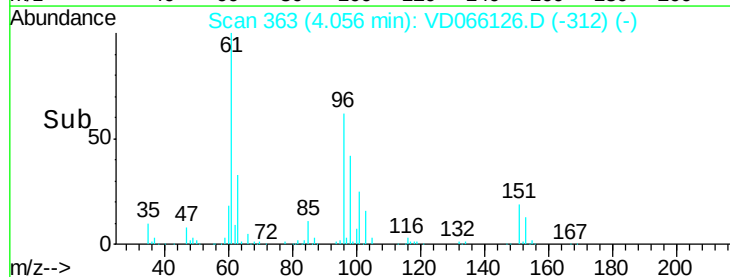
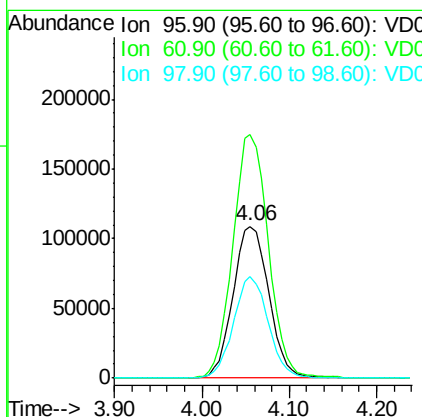
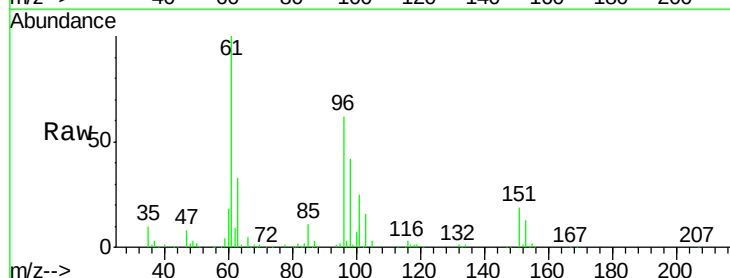
Tgt Ion: 59 Resp: 108328
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.0 10.4

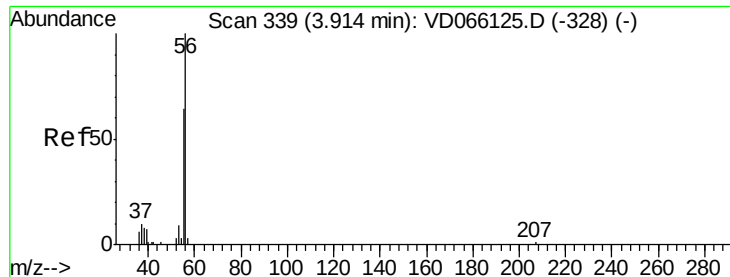


#12

1,1-Dichloroethene
 Concen: 94.063 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 96 Resp: 303238
 Ion Ratio Lower Upper
 96 100
 61 160.7 121.6 182.4
 98 66.8 52.0 78.0





#13

Acrolein

Concen: 469.988 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

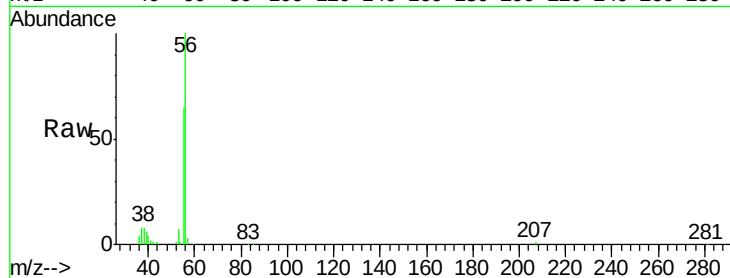
VSTDIC100

Tgt Ion: 56 Resp: 120973

Ion Ratio Lower Upper

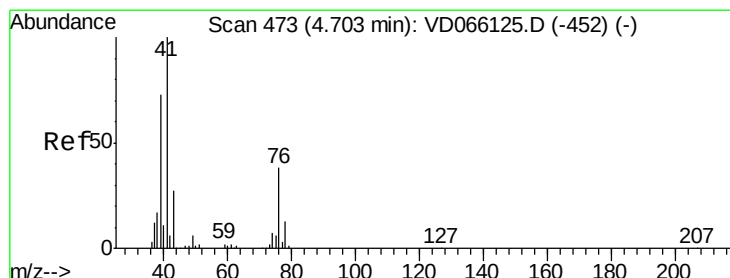
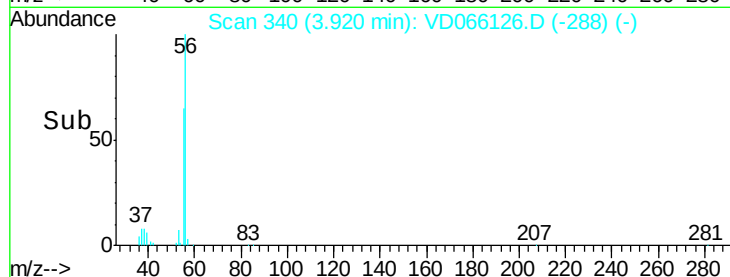
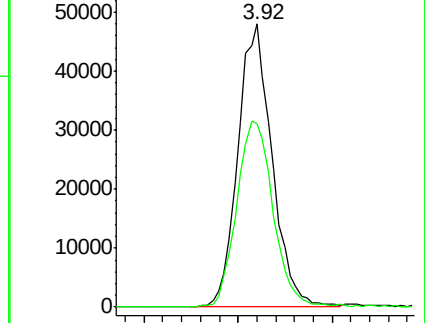
56 100

55 70.1 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 97.237 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

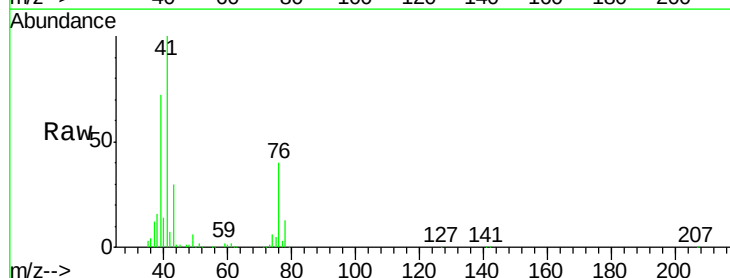
Tgt Ion: 41 Resp: 470482

Ion Ratio Lower Upper

41 100

39 71.4 57.4 86.0

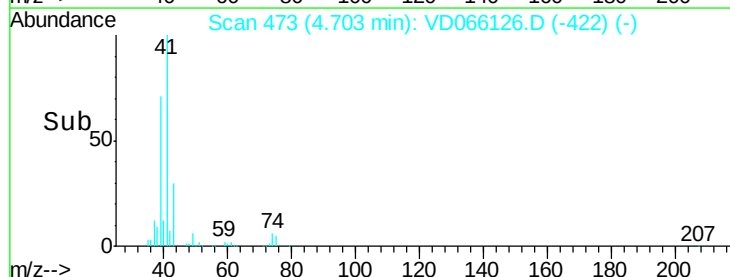
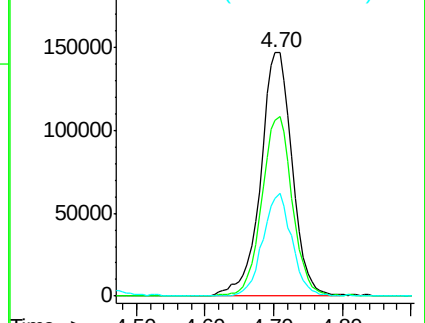
76 38.4 30.1 45.1

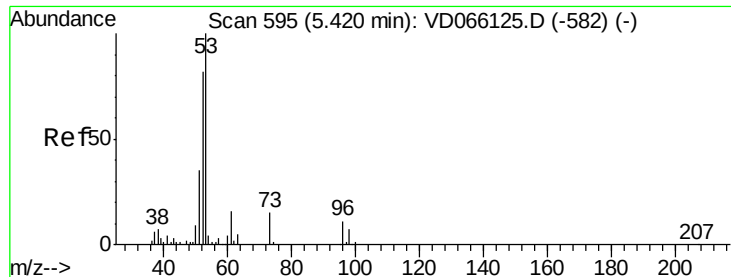


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 512.016 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

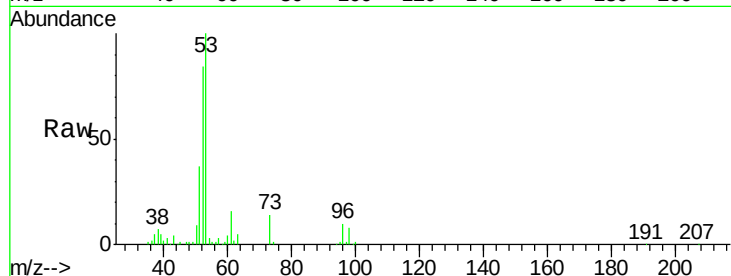
Tgt Ion: 53 Resp: 341259

Ion Ratio Lower Upper

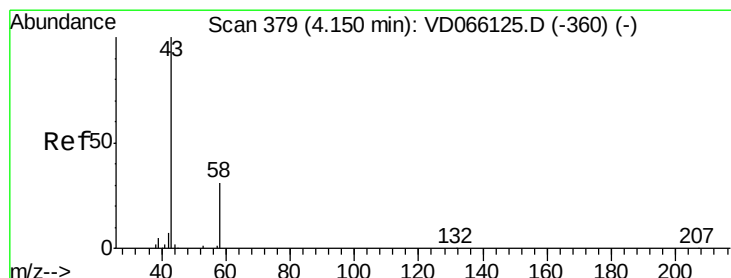
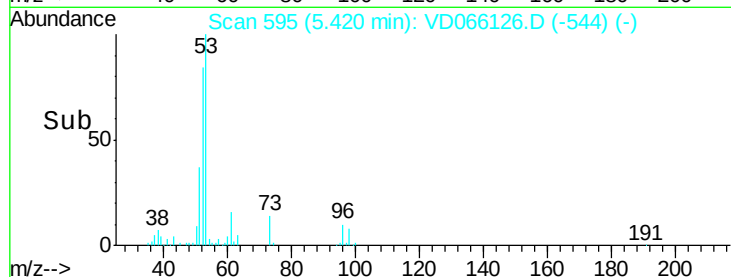
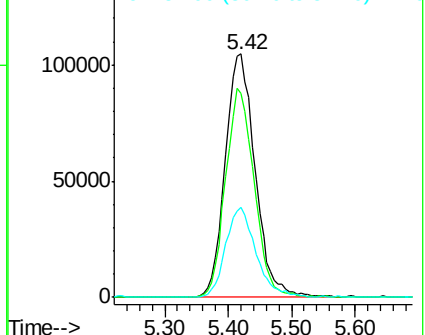
53 100

52 82.0 66.1 99.1

51 37.4 30.8 46.2



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: 484.653 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066126.D

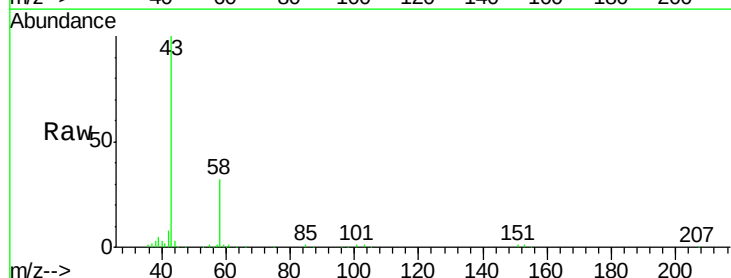
Acq: 05 Aug 2020 12:26

Tgt Ion: 43 Resp: 296776

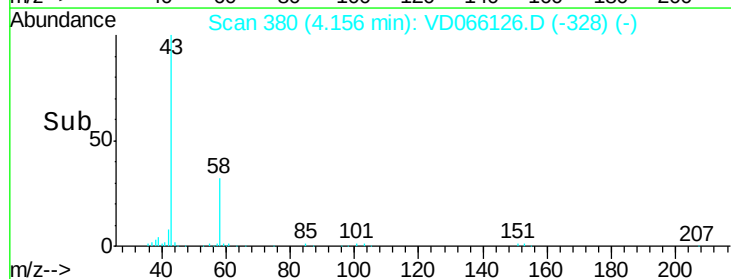
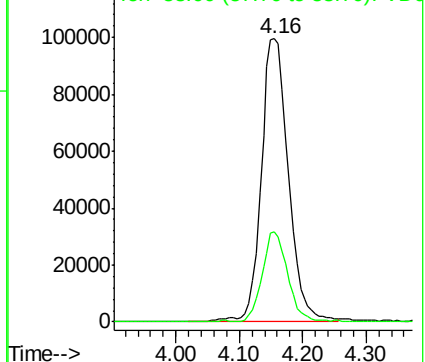
Ion Ratio Lower Upper

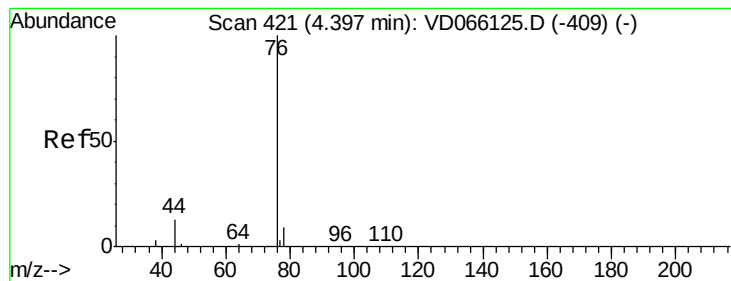
43 100

58 31.7 24.7 37.1



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





#17

Carbon Disulfide

Concen: 94.509 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

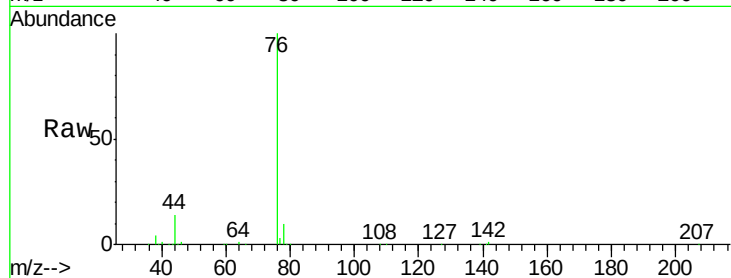
VSTDIC100

Tgt Ion: 76 Resp: 969913

Ion Ratio Lower Upper

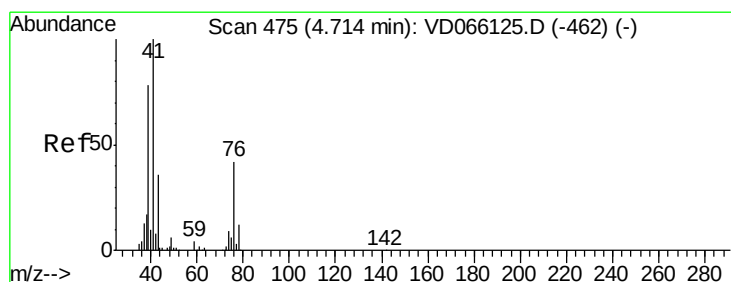
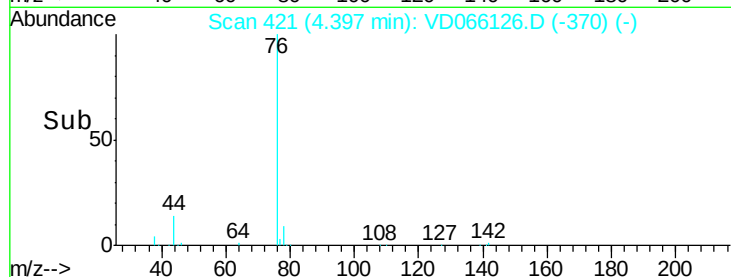
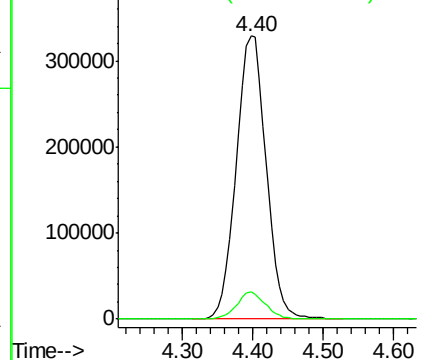
76 100

78 9.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 93.786 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066126.D

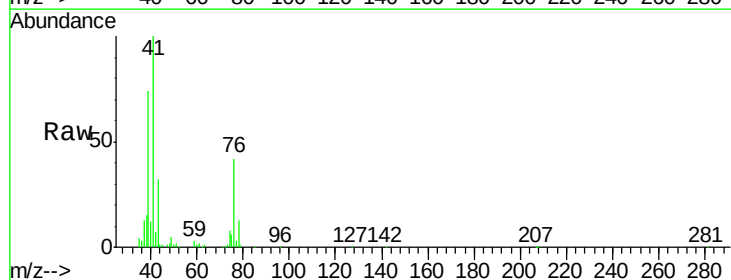
Acq: 05 Aug 2020 12:26

Tgt Ion: 43 Resp: 147296

Ion Ratio Lower Upper

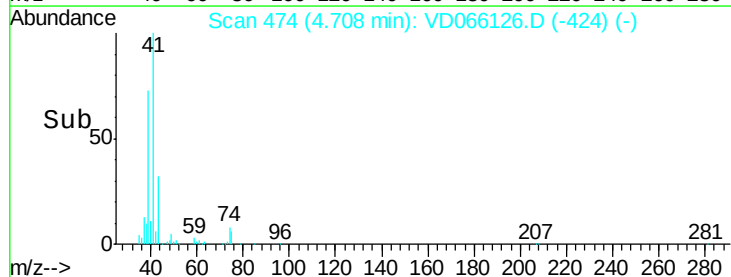
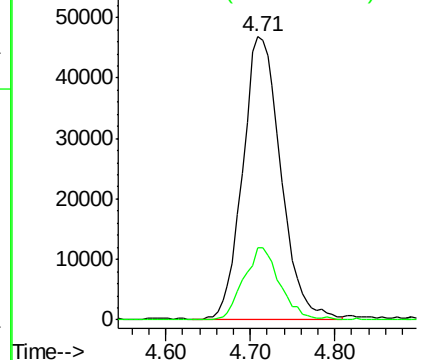
43 100

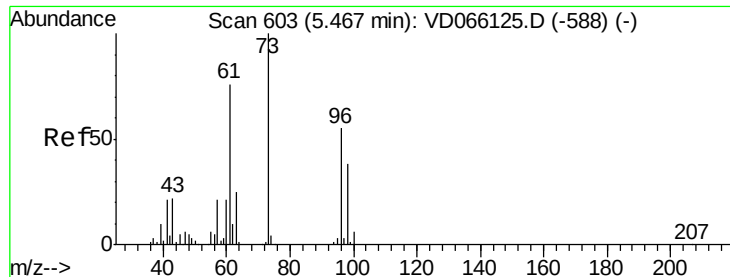
74 24.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

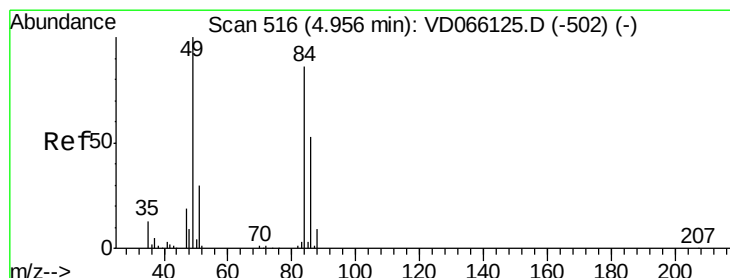
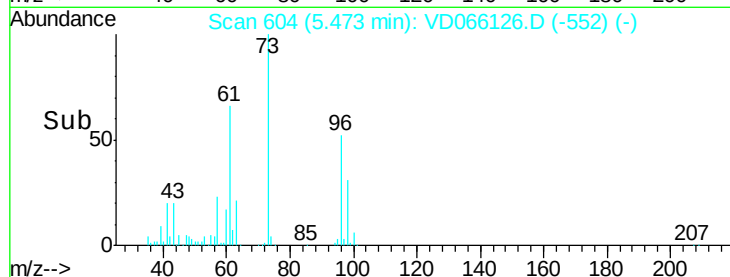
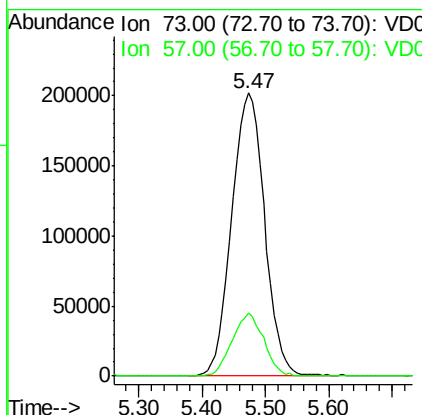
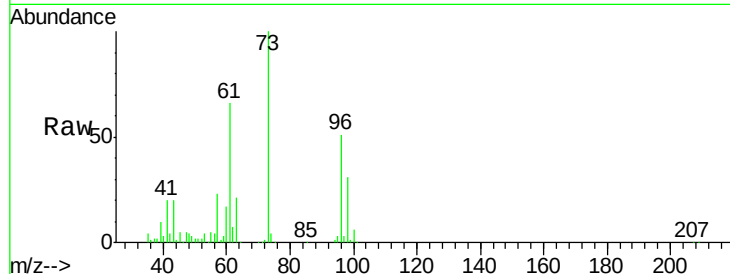




#19
Methyl tert-butyl Ether
Concen: 100.661 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

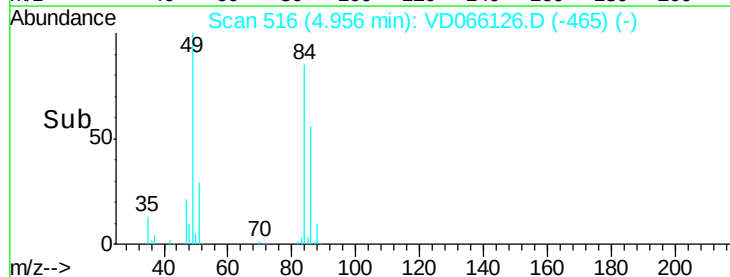
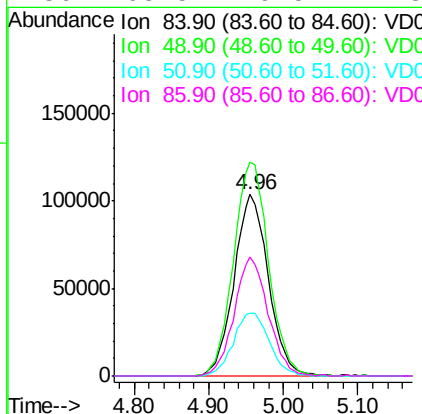
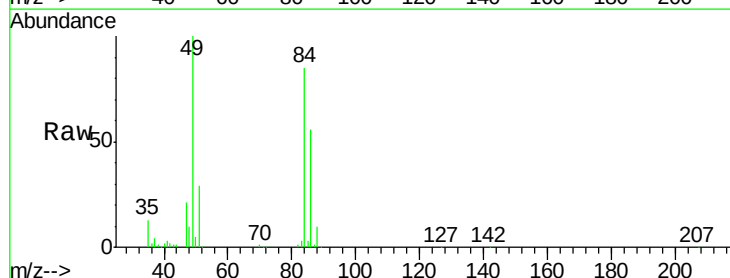
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

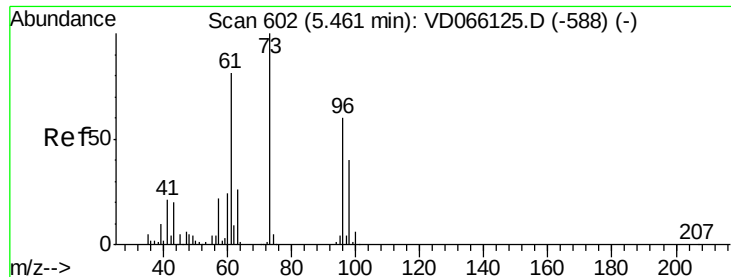
Tgt Ion: 73 Resp: 726991
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 73.205 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 84 Resp: 330631
Ion Ratio Lower Upper
84 100
49 117.7 93.5 140.3
51 34.4 28.2 42.4
86 65.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 93.898 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

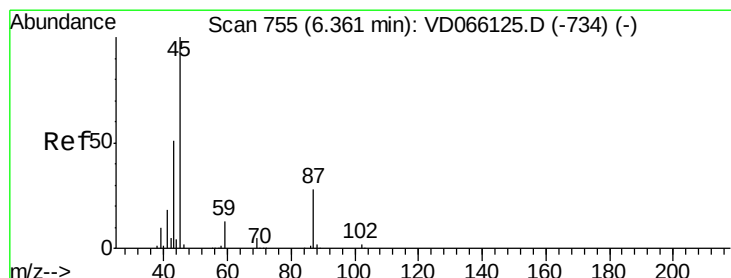
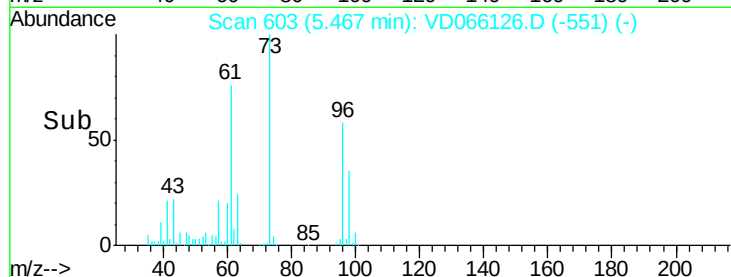
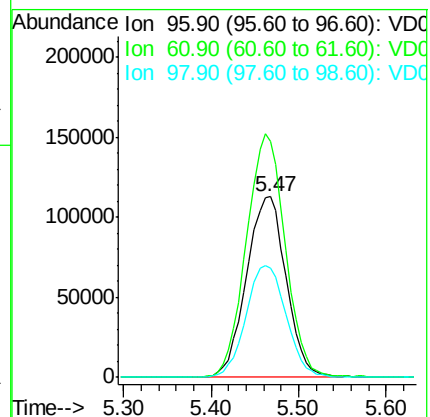
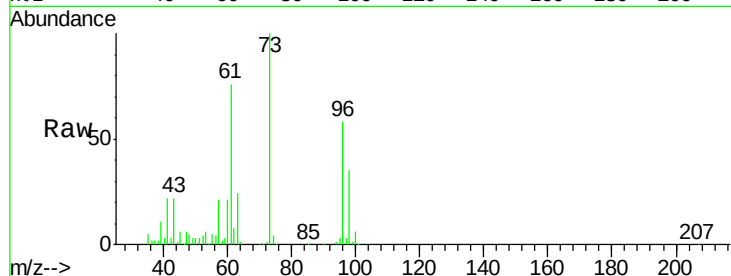
Tgt Ion: 96 Resp: 348432

Ion Ratio Lower Upper

96 100

61 131.0 106.9 160.3

98 60.5 53.4 80.0



#22

Diisopropyl ether

Concen: 97.491 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion: 45 Resp: 932225

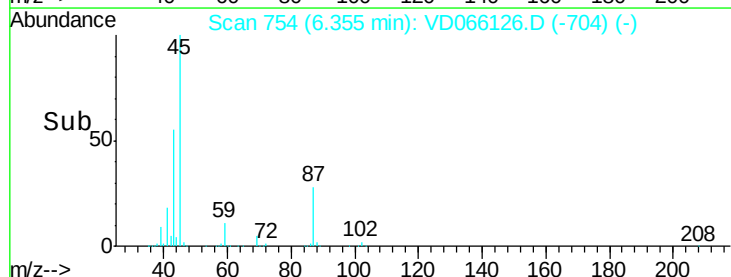
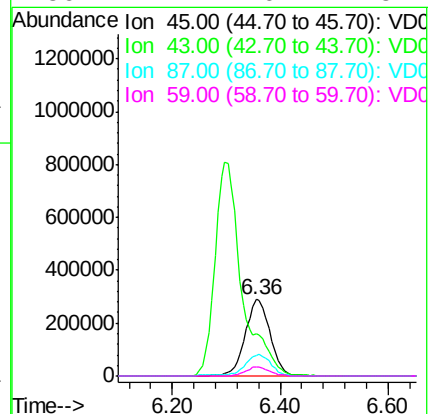
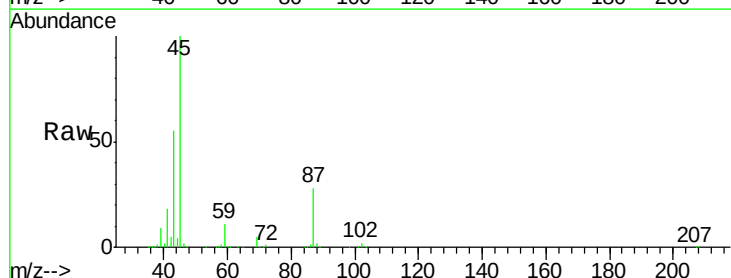
Ion Ratio Lower Upper

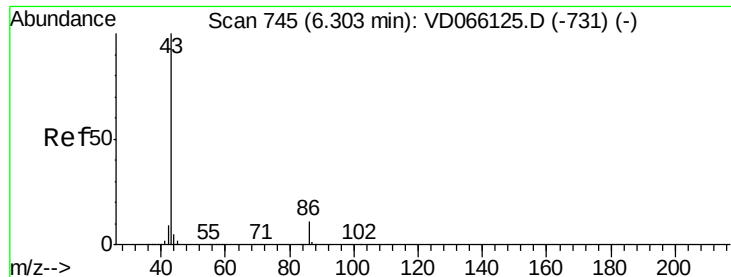
45 100

43 53.9 41.2 61.8

87 27.4 22.8 34.2

59 11.1 10.2 15.2

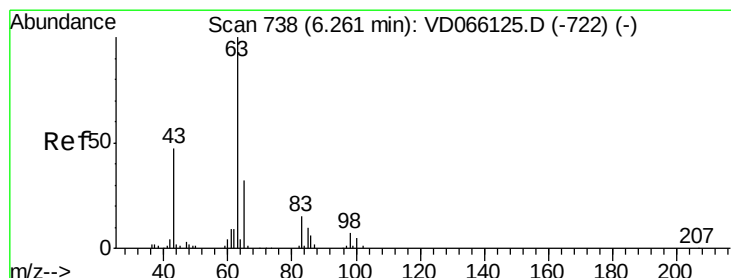
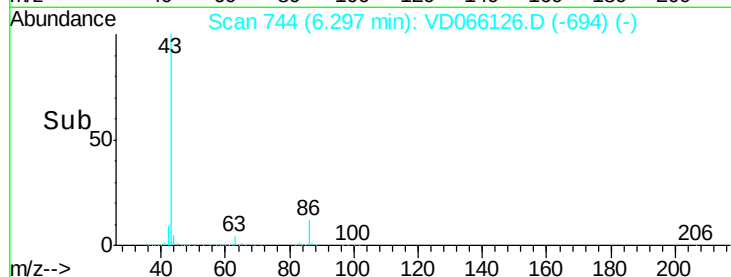
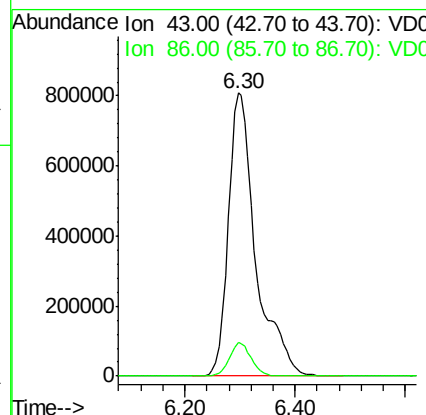
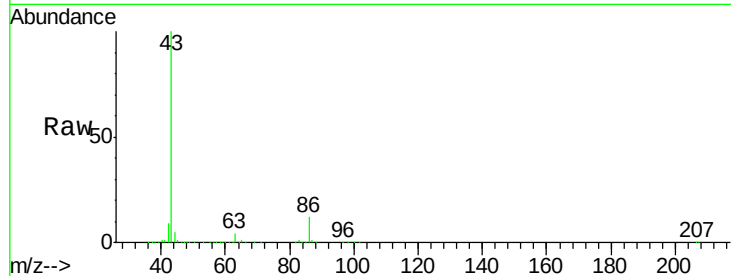




#23
 Vinyl Acetate
 Concen: 507.046 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

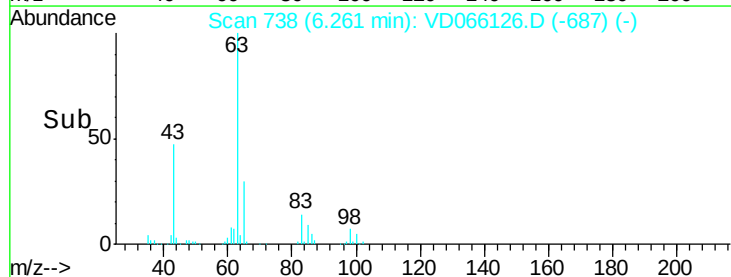
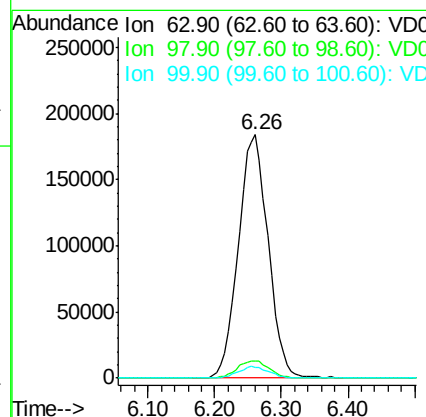
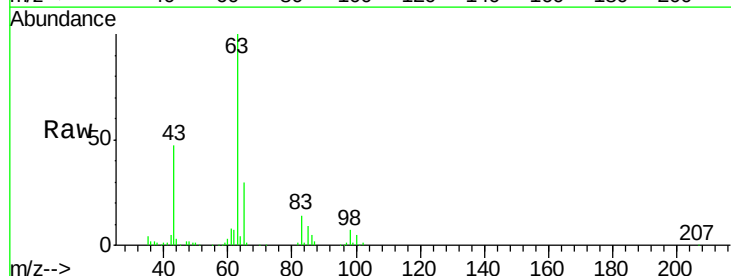
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

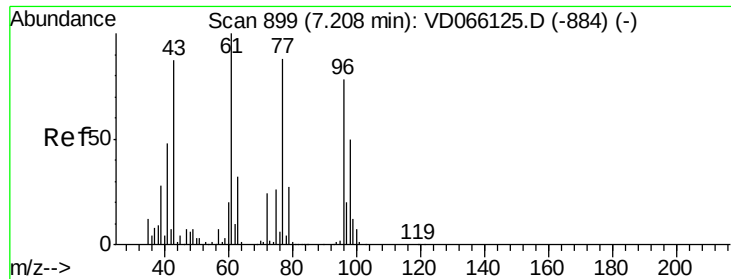
Tgt Ion: 43 Resp: 2805893
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 95.304 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 63 Resp: 568524
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 472.390 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

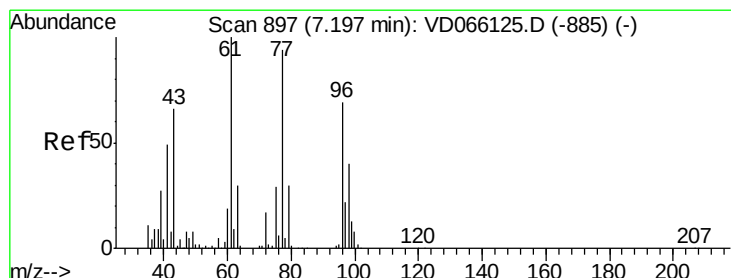
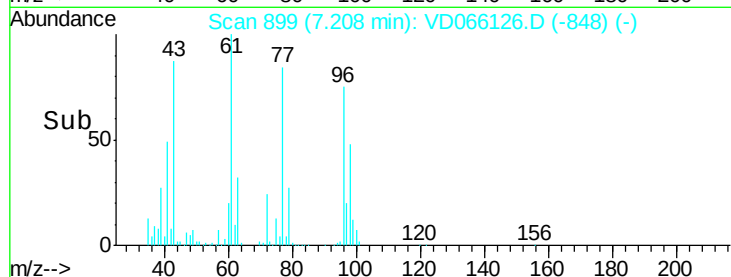
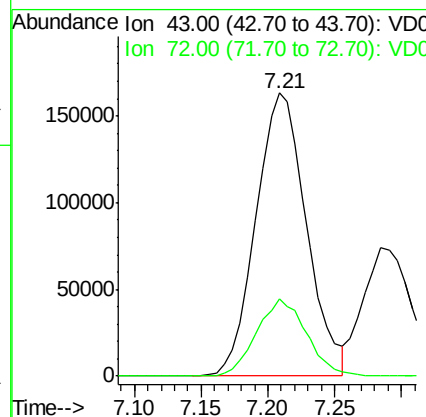
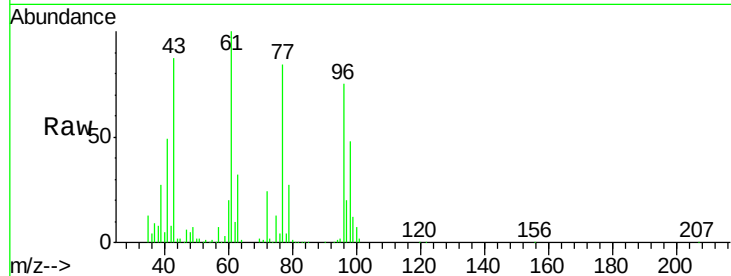
VSTDIC100

Tgt Ion: 43 Resp: 427955

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 89.519 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066126.D

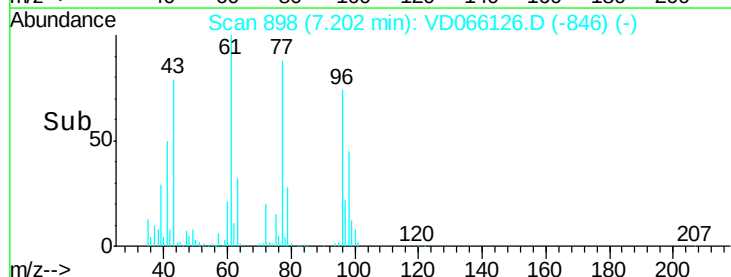
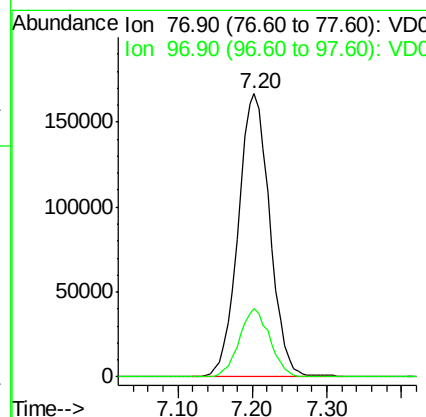
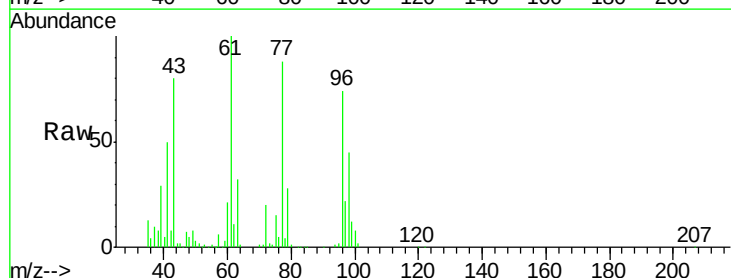
Acq: 05 Aug 2020 12:26

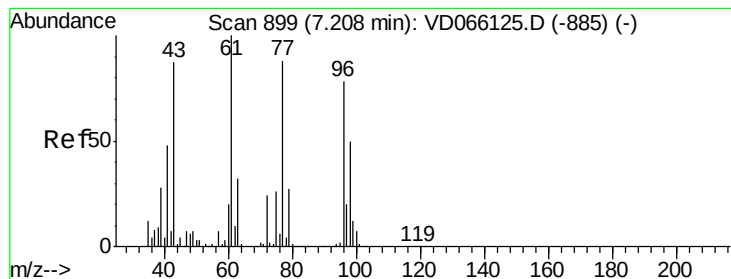
Tgt Ion: 77 Resp: 488850

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3



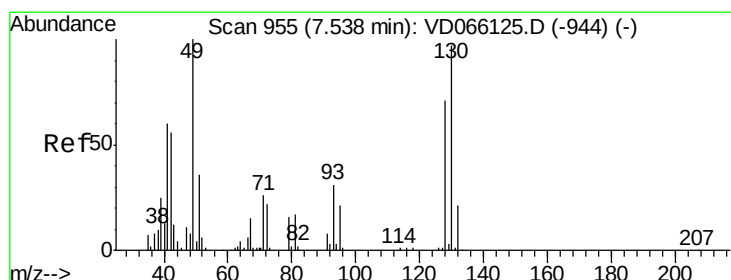
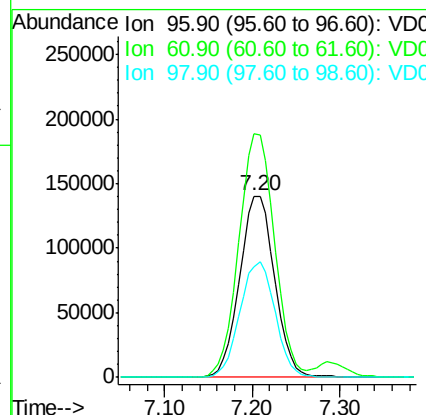
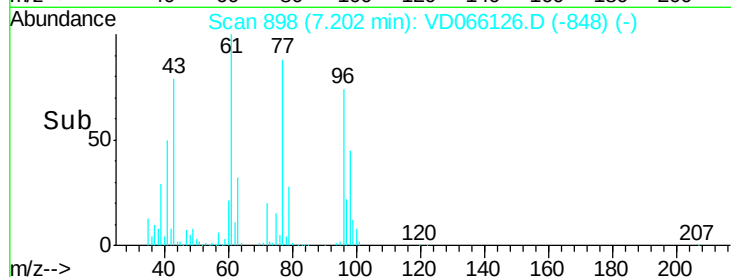
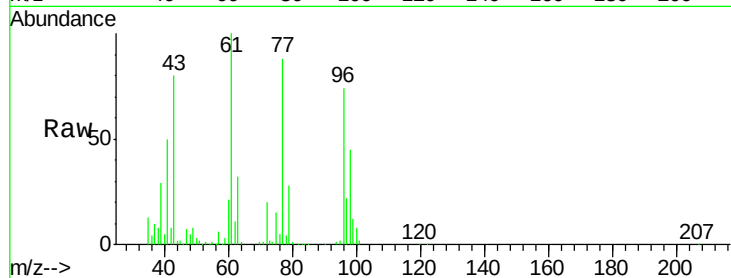


#27

cis-1,2-Dichloroethene
Concen: 99.230 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

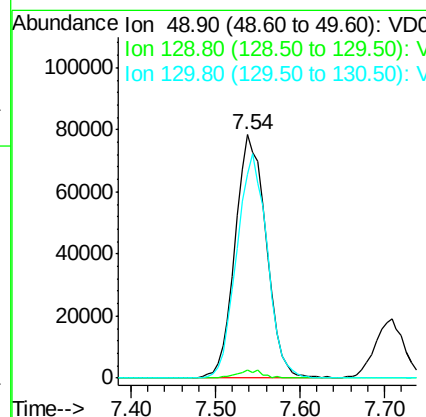
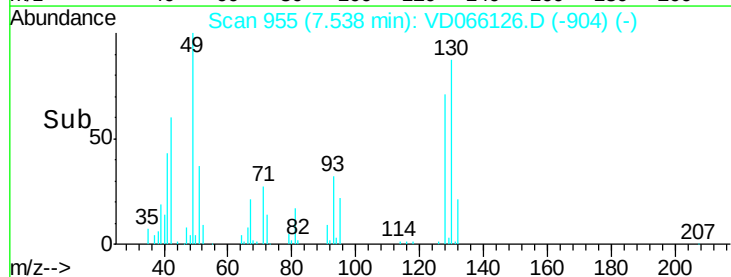
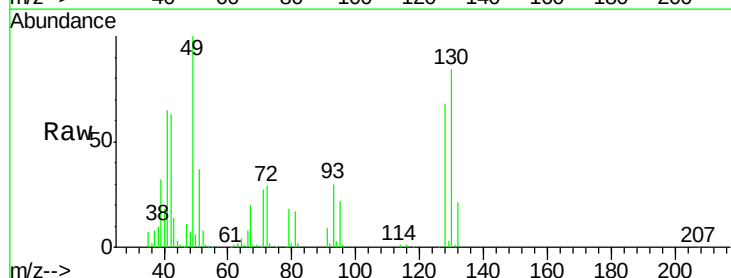
Tgt Ion: 96 Resp: 381056
Ion Ratio Lower Upper
96 100
61 136.7 0.0 281.6
98 64.1 0.0 130.8

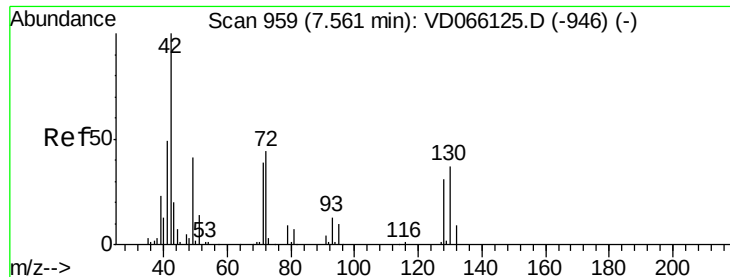


#28

Bromochloromethane
Concen: 95.717 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 49 Resp: 199552
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 90.5 73.8 110.6

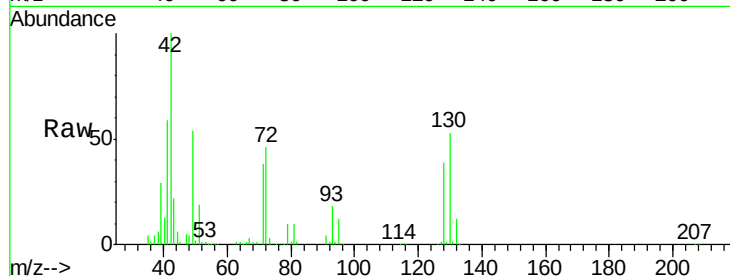




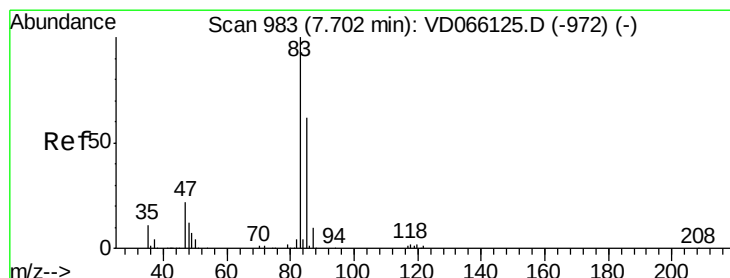
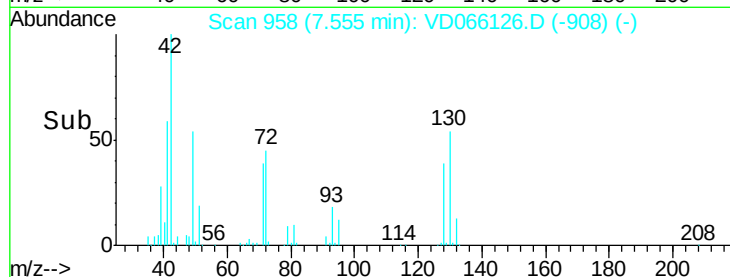
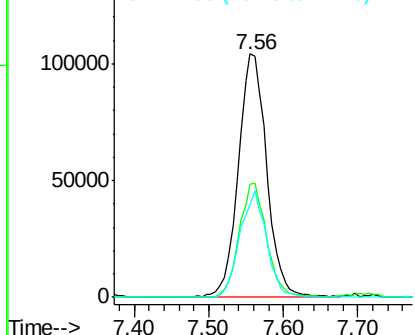
#29
Tetrahydrofuran
Concen: 501.356 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 276073
Ion Ratio Lower Upper
42 100
72 45.2 34.8 52.2
71 41.3 33.5 50.3

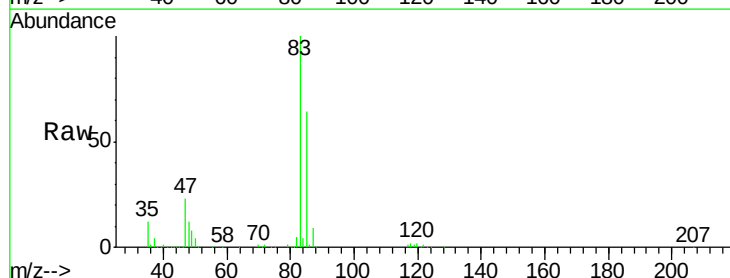


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

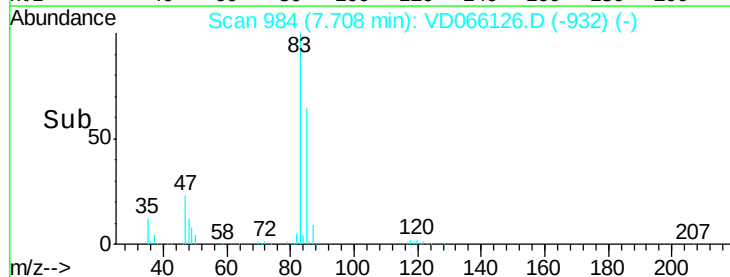
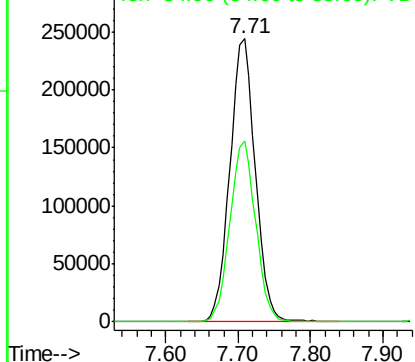


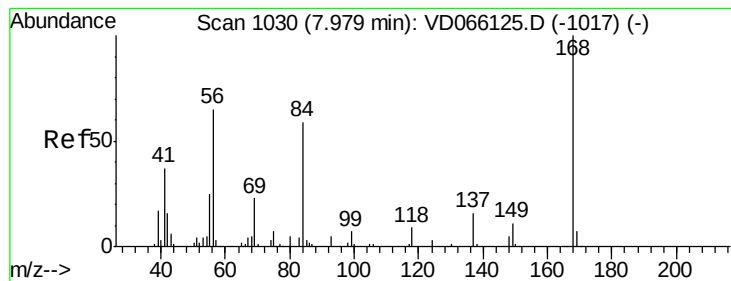
#30
Chloroform
Concen: 94.852 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 83 Resp: 595512
Ion Ratio Lower Upper
83 100
85 63.9 49.5 74.3



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





#31

Cyclohexane

Concen: 88.587 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

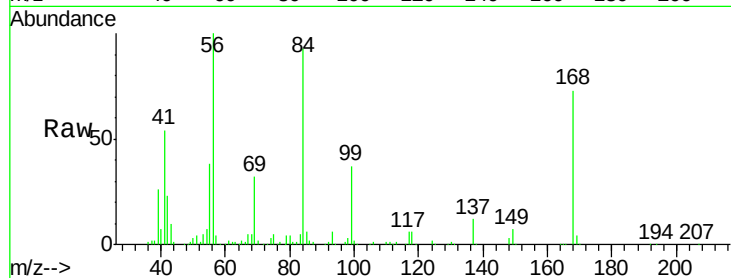
Tgt Ion: 56 Resp: 515272

Ion Ratio Lower Upper

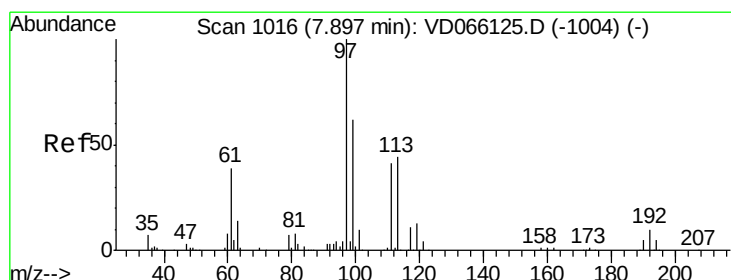
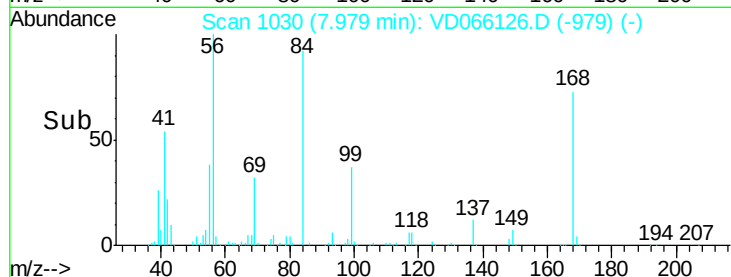
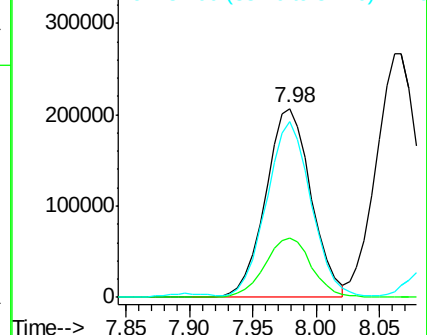
56 100

69 31.6 28.8 43.2

84 91.5 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 95.836 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

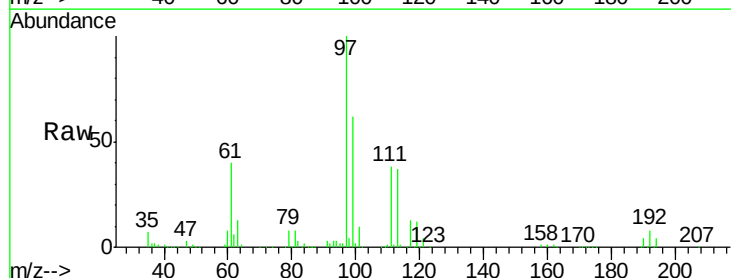
Tgt Ion: 97 Resp: 563010

Ion Ratio Lower Upper

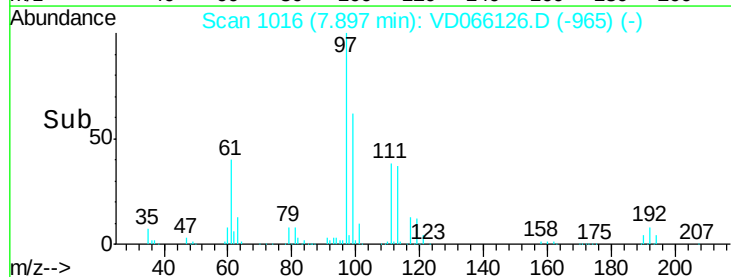
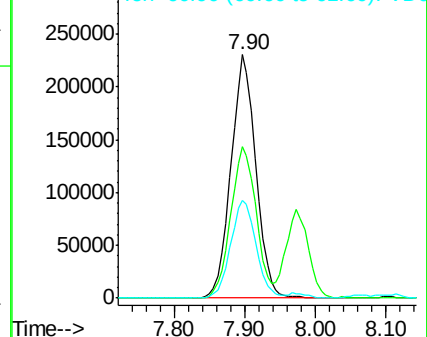
97 100

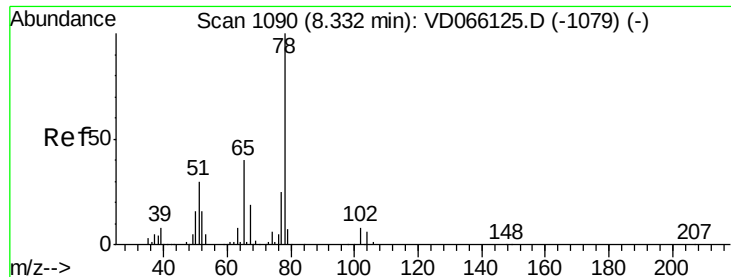
99 63.6 51.1 76.7

61 40.9 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

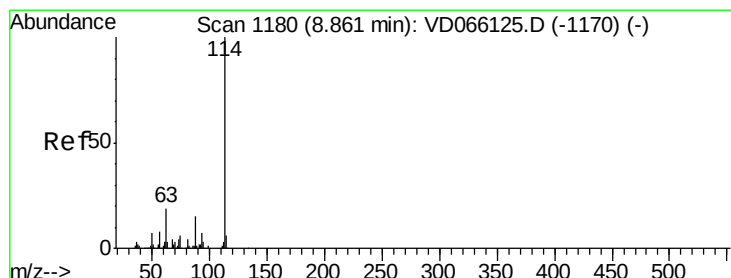
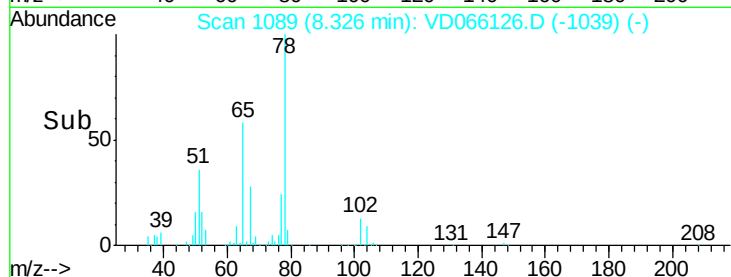
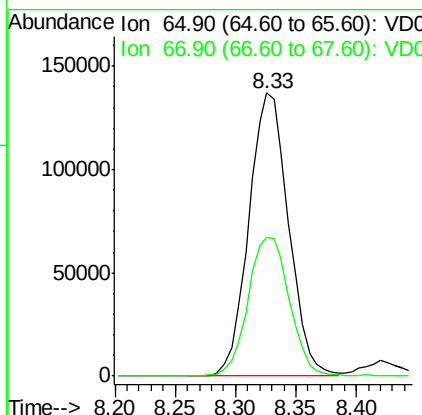
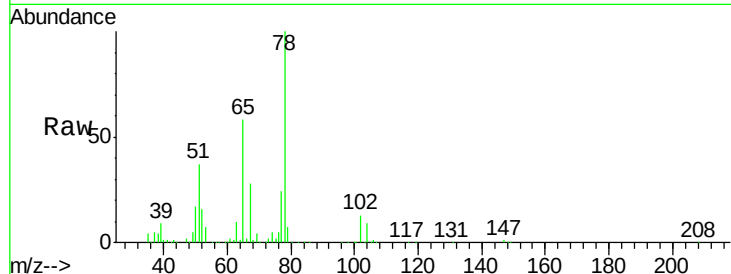




#33
 1,2-Dichloroethane-d4
 Concen: 98.223 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

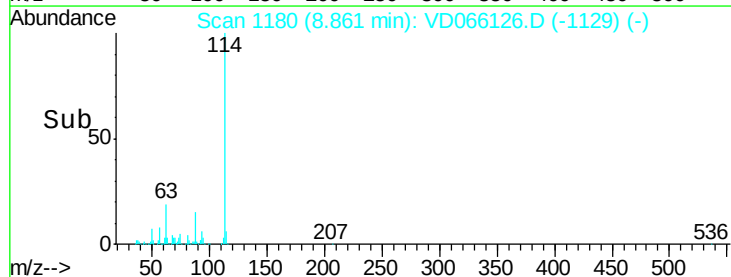
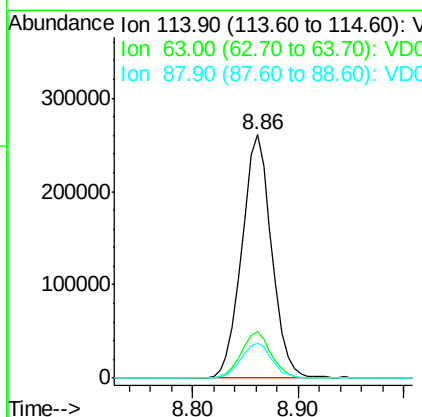
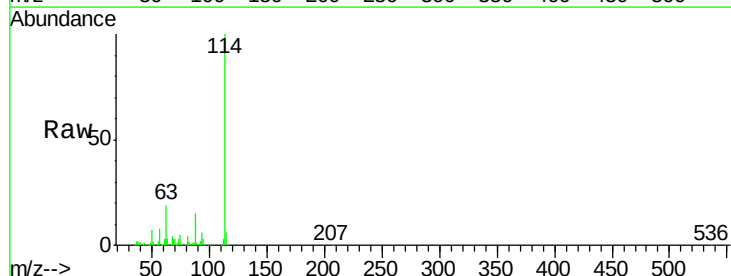
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

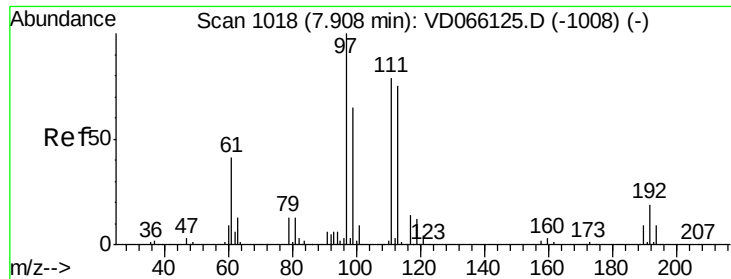
Tgt Ion: 65 Resp: 312799
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 114 Resp: 509998
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.5 0.0 30.0

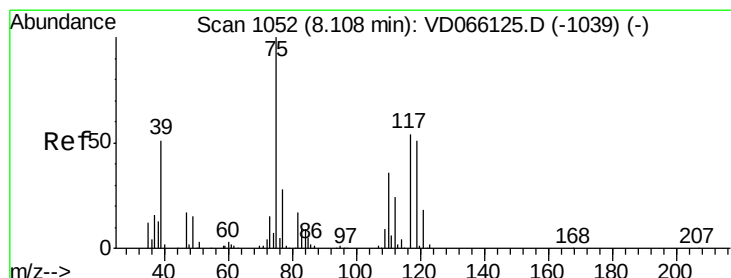
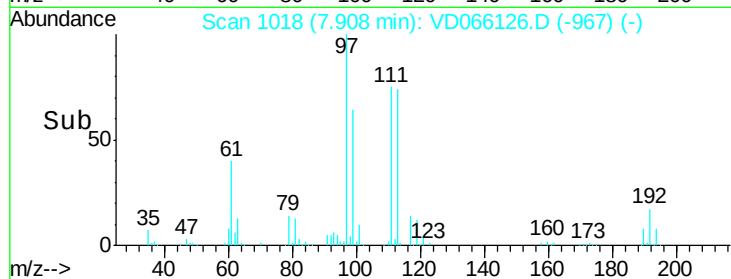
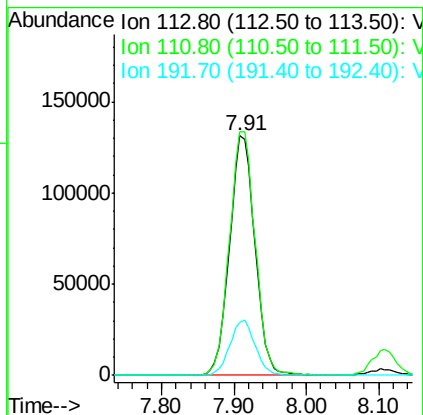
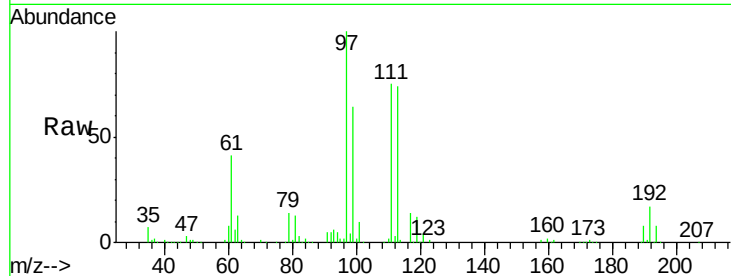




#35
 Dibromofluoromethane
 Concen: 98.495 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

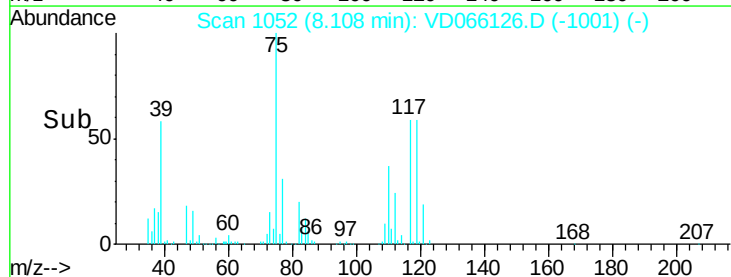
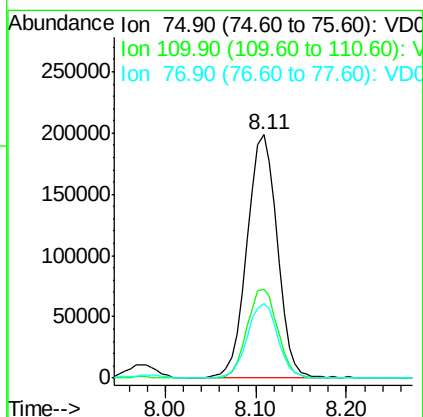
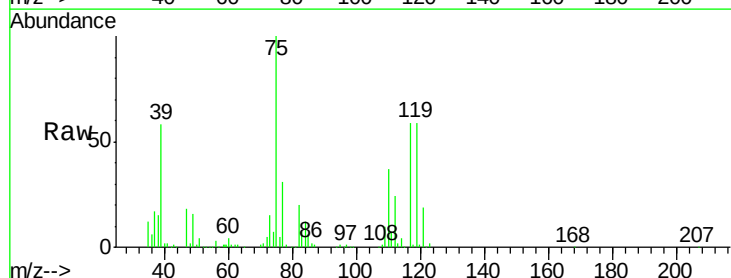
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

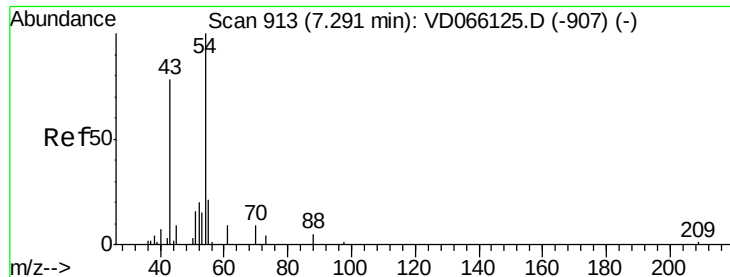
Tgt Ion: 113 Resp: 321140
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.8 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 94.350 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 75 Resp: 464440
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.8 56.3
 77 31.0 24.2 36.2

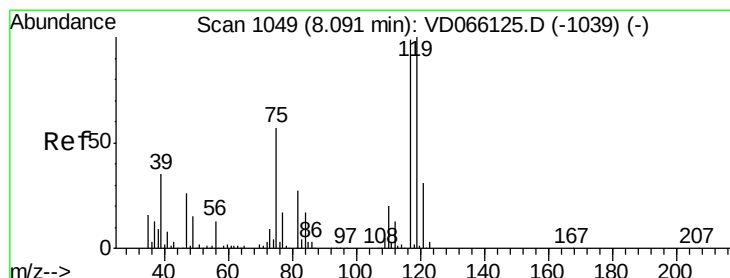
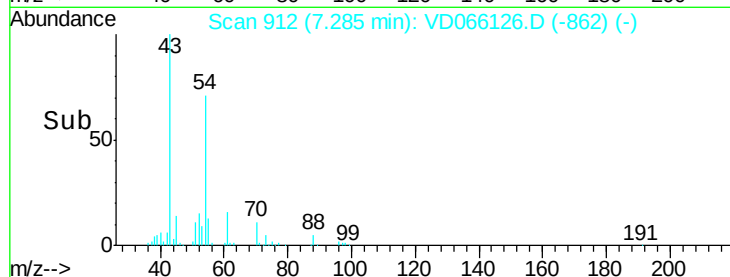
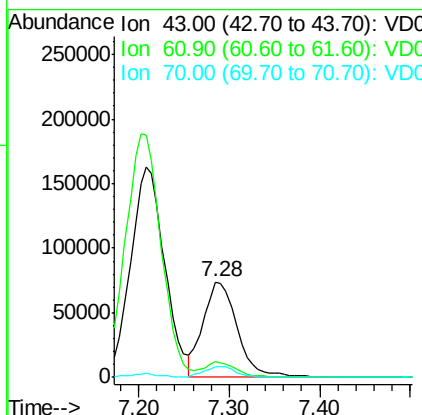
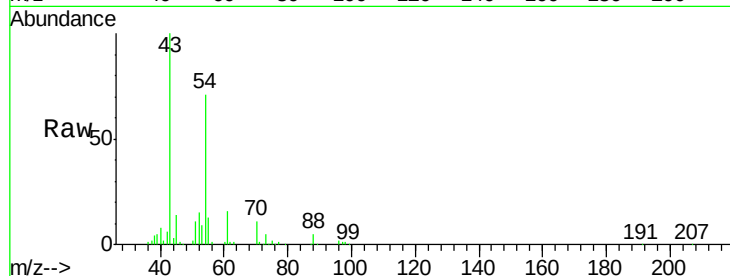




#37
Ethyl Acetate
Concen: 100.085 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

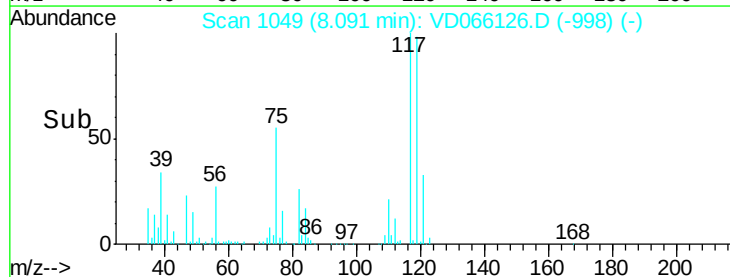
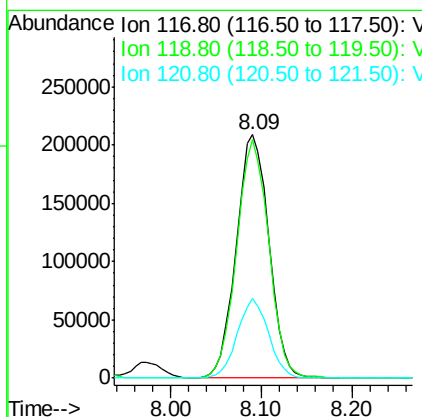
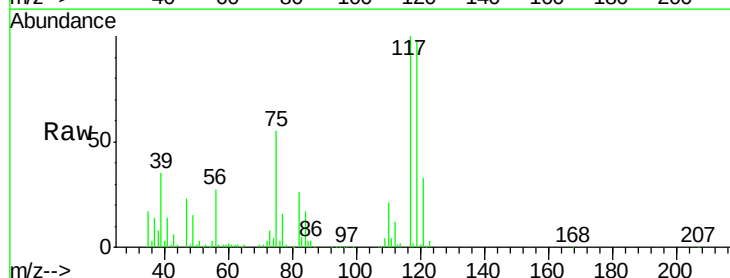
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

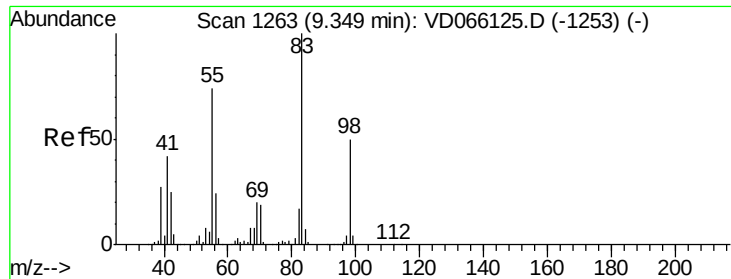
Tgt Ion: 43 Resp: 191187
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 10.6 9.7 14.5



#38
Carbon Tetrachloride
Concen: 95.564 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 117 Resp: 522977
Ion Ratio Lower Upper
117 100
119 97.8 81.0 121.4
121 32.8 24.8 37.2

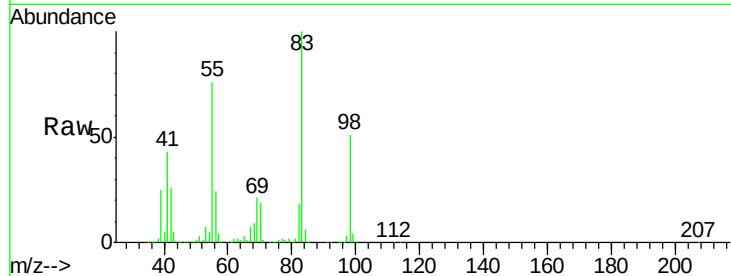




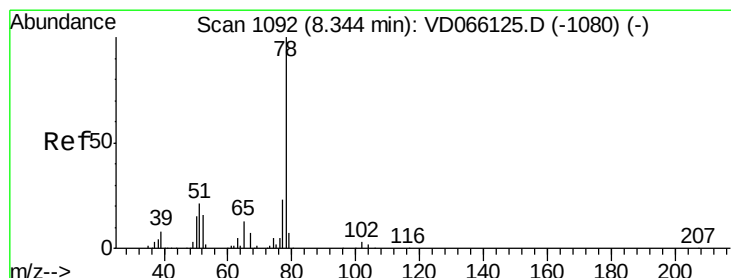
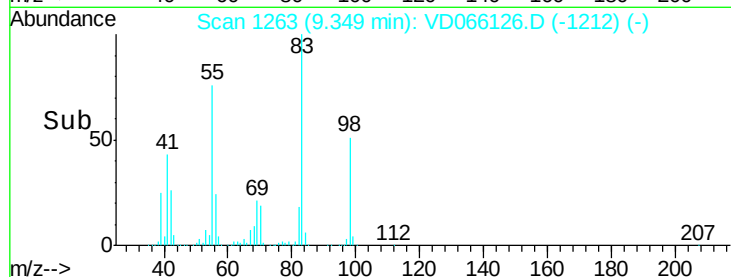
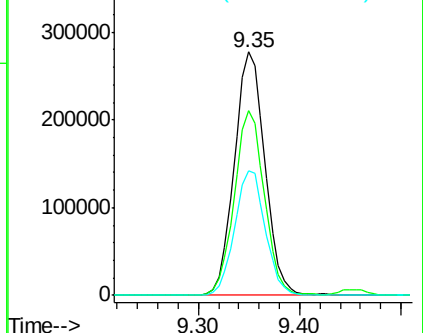
#39
Methylcyclohexane
Concen: 99.356 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 580378
Ion Ratio Lower Upper
83 100
55 75.7 59.2 88.8
98 51.2 39.8 59.6

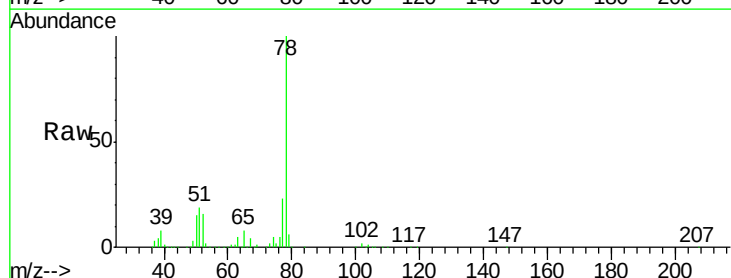


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

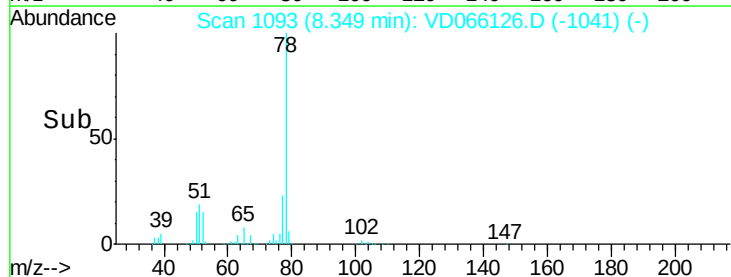
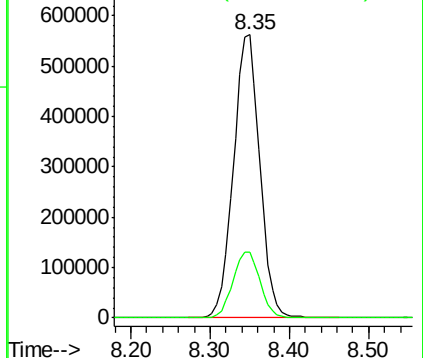


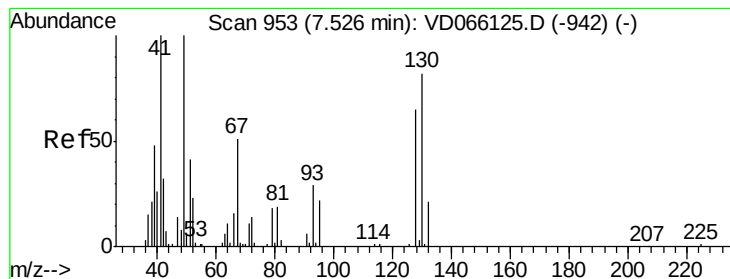
#40
Benzene
Concen: 94.493 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 78 Resp: 1290785
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



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





#41

Methacrylonitrile

Concen: 103.859 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 113053

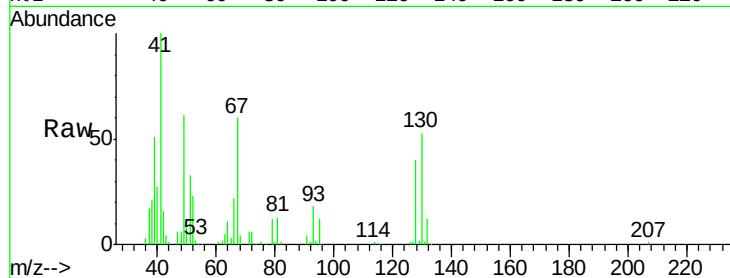
Ion Ratio Lower Upper

41 100

39 52.5 47.5 71.3

67 73.4 59.1 88.7

52 31.1 25.4 38.0

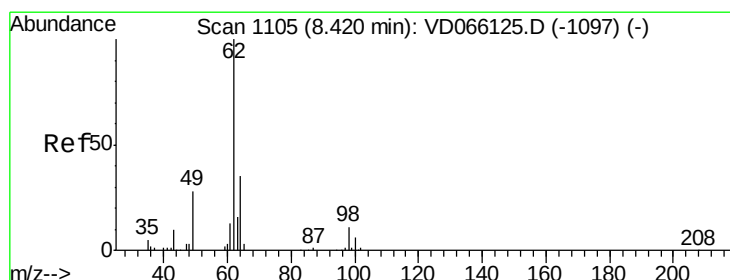
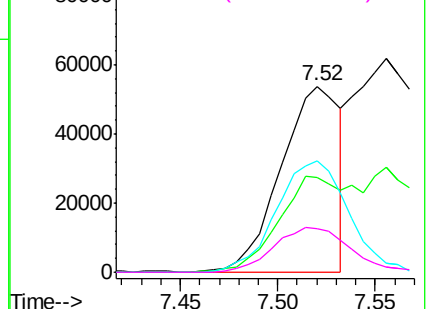
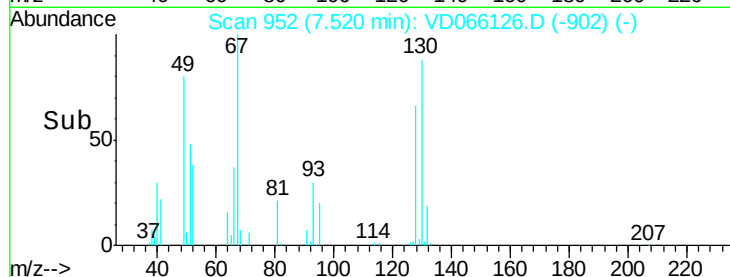


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 95.178 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066126.D

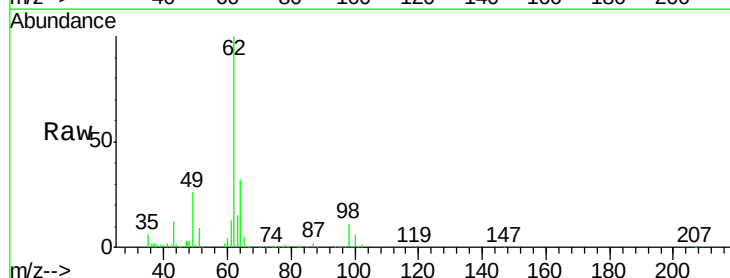
Acq: 05 Aug 2020 12:26

Tgt Ion: 62 Resp: 379726

Ion Ratio Lower Upper

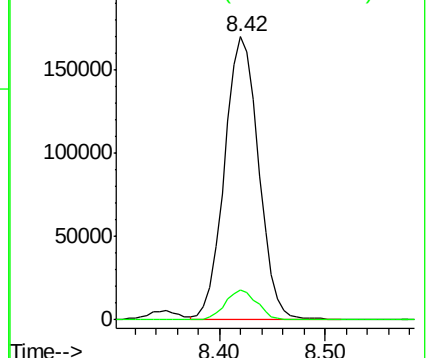
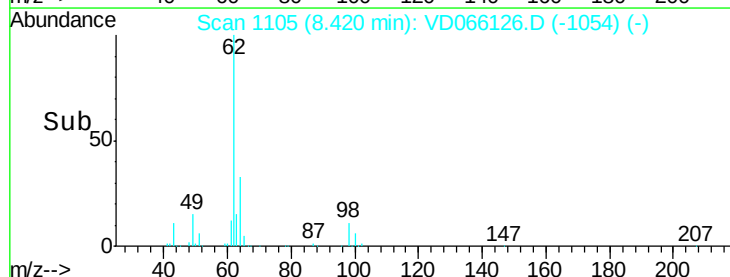
62 100

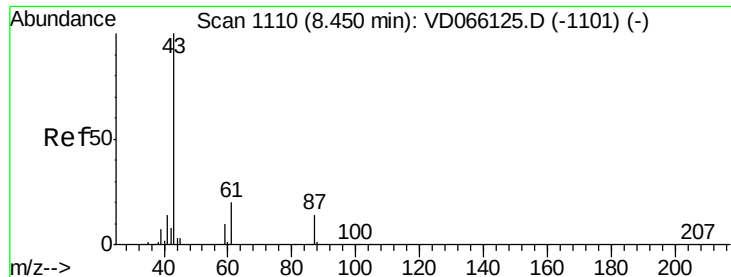
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 101.961 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

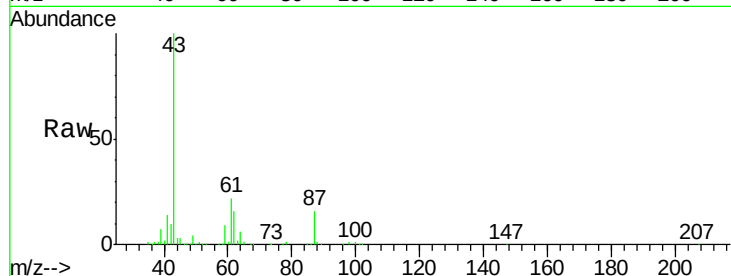
Tgt Ion: 43 Resp: 380612

Ion Ratio Lower Upper

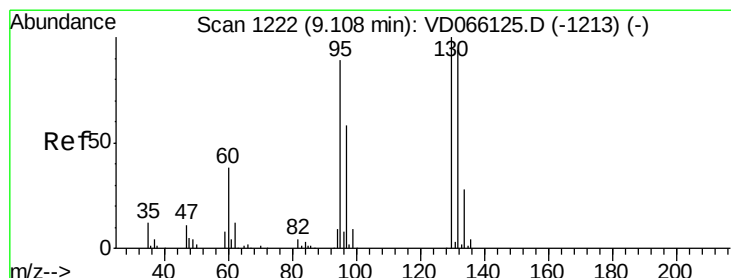
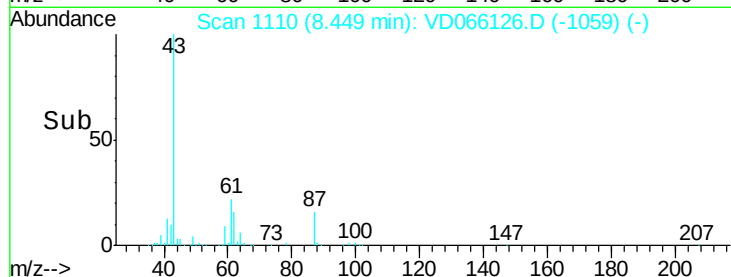
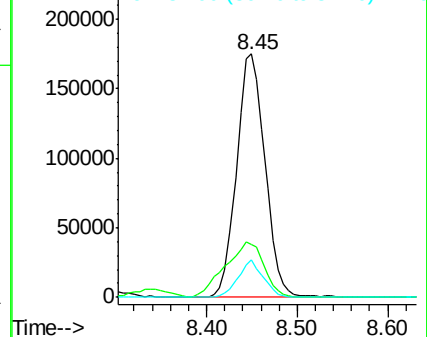
43 100

61 31.2 25.5 38.3

87 13.8 11.2 16.8



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: 96.342 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066126.D

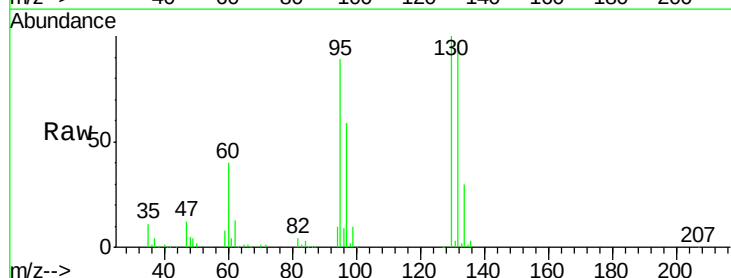
Acq: 05 Aug 2020 12:26

Tgt Ion: 130 Resp: 393261

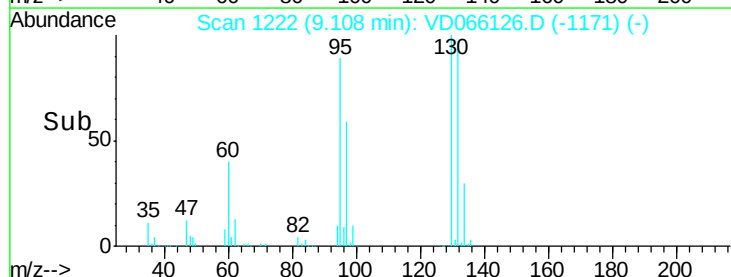
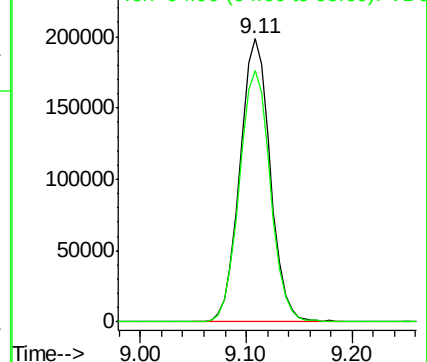
Ion Ratio Lower Upper

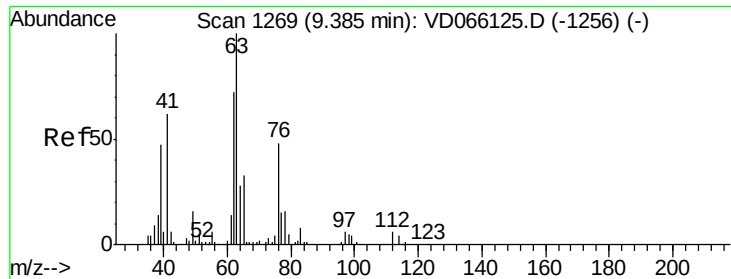
130 100

95 89.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 96.730 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

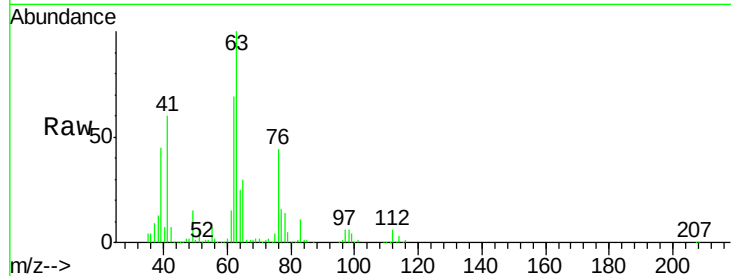
VSTDIC100

Tgt Ion: 63 Resp: 319880

Ion Ratio Lower Upper

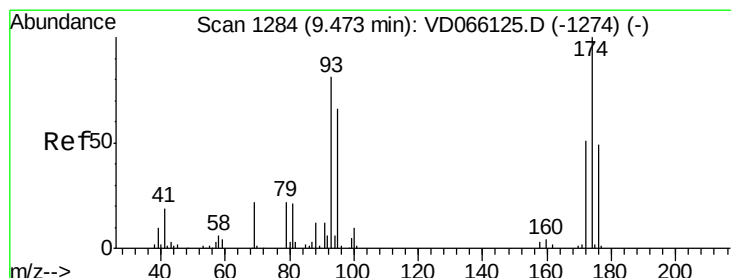
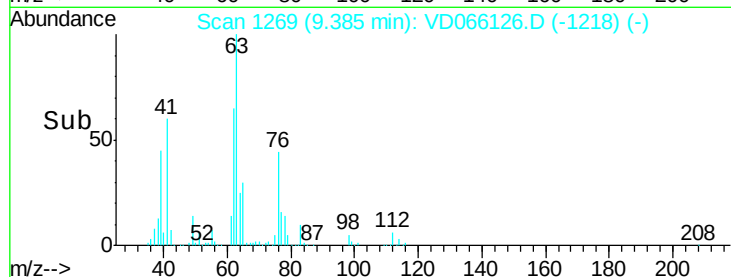
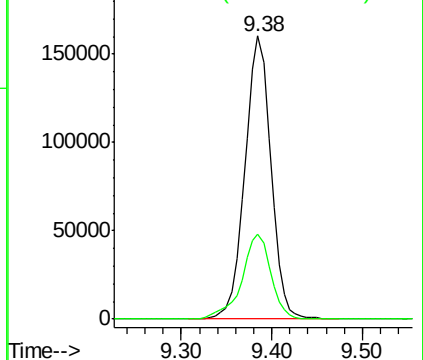
63 100

65 30.1 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 98.084 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

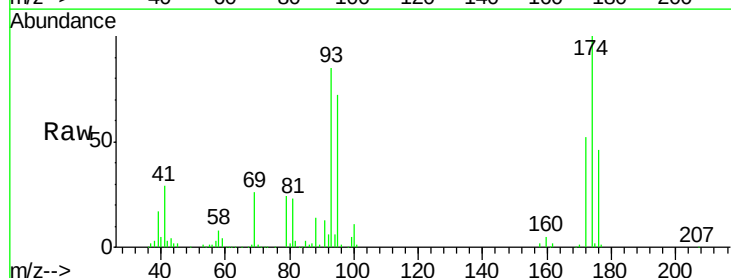
Tgt Ion: 93 Resp: 178341

Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

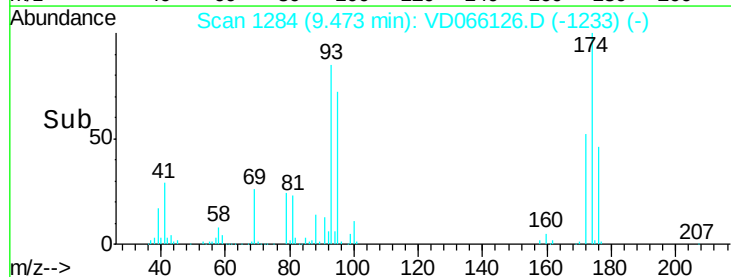
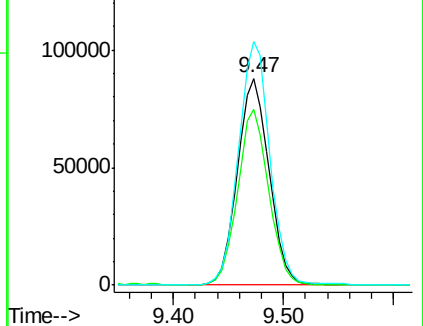
174 116.0 92.8 139.2

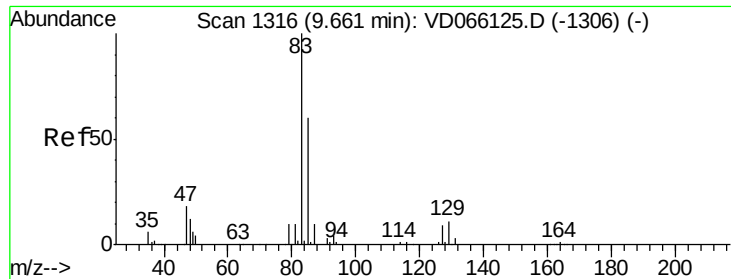


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

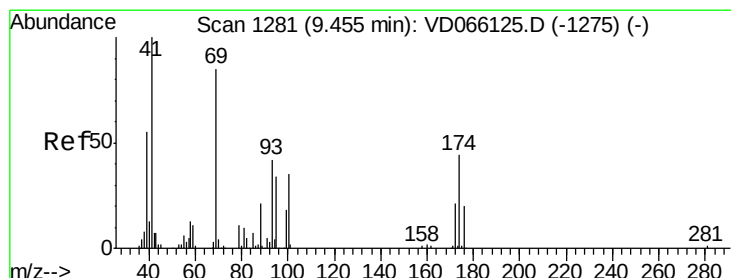
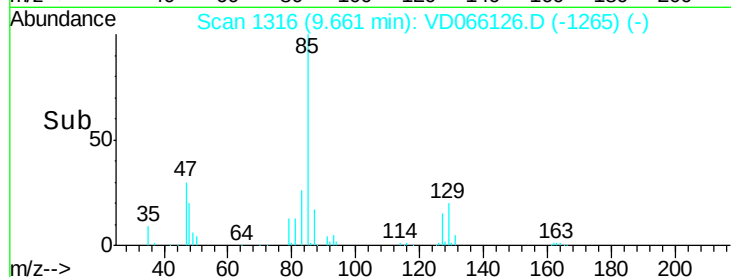
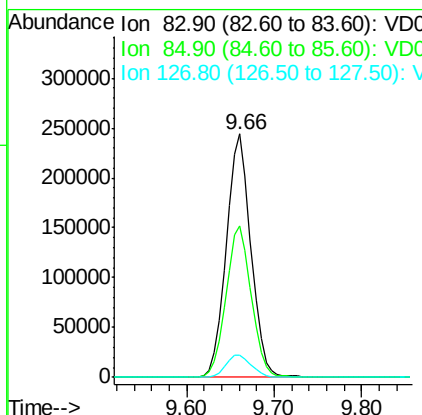
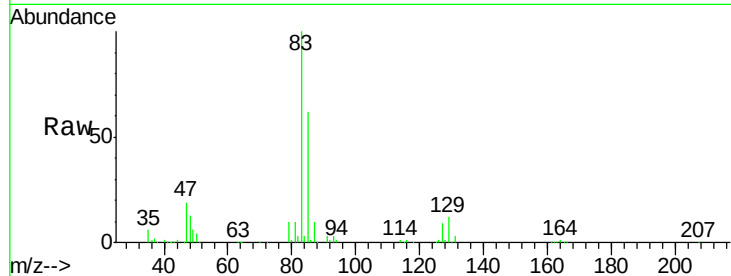




#47
 Bromodichloromethane
 Concen: 97.376 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

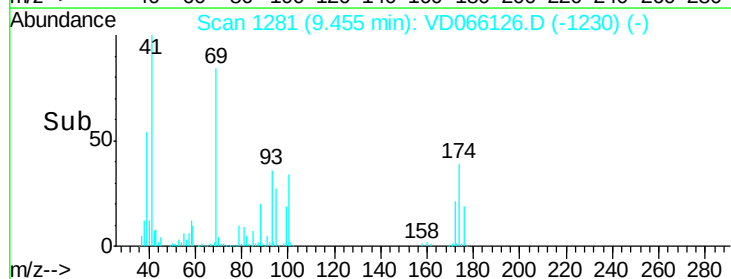
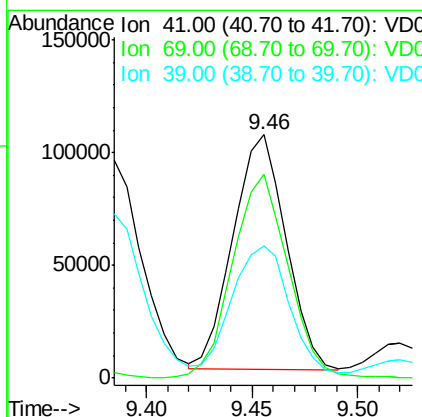
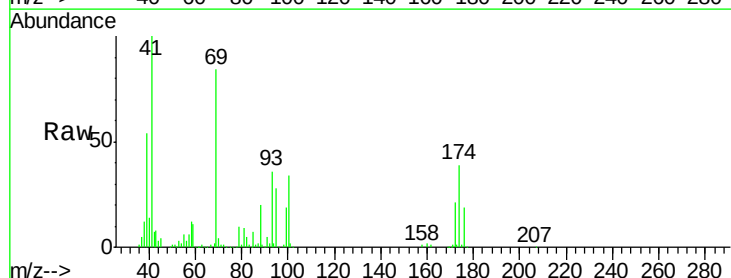
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

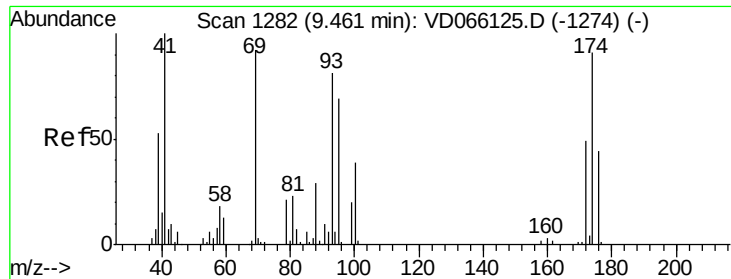
Tgt Ion: 83 Resp: 468182
 Ion Ratio Lower Upper
 83 100
 85 62.4 48.2 72.4
 127 9.4 7.3 10.9



#48
 Methyl methacrylate
 Concen: 91.807 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 41 Resp: 180508
 Ion Ratio Lower Upper
 41 100
 69 91.1 63.9 95.9
 39 58.2 42.6 64.0





#49

1,4-Dioxane

Concen: 1981.885 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

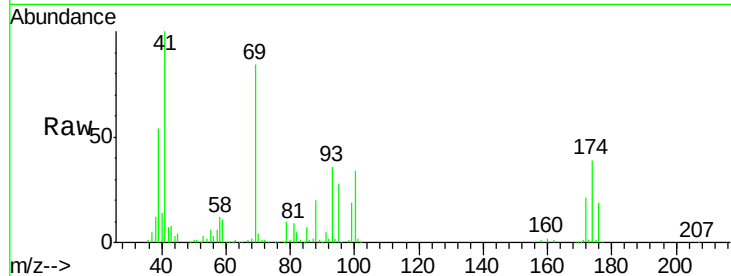
Tgt Ion: 88 Resp: 46216

Ion Ratio Lower Upper

88 100

43 34.9 27.5 41.3

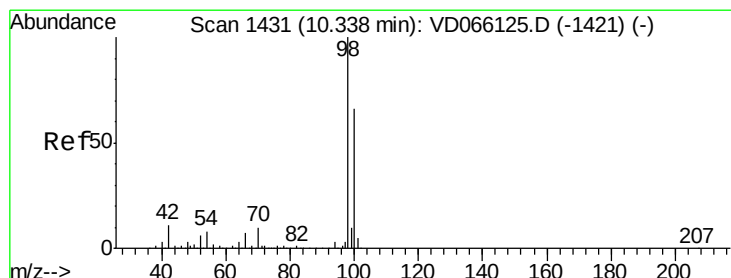
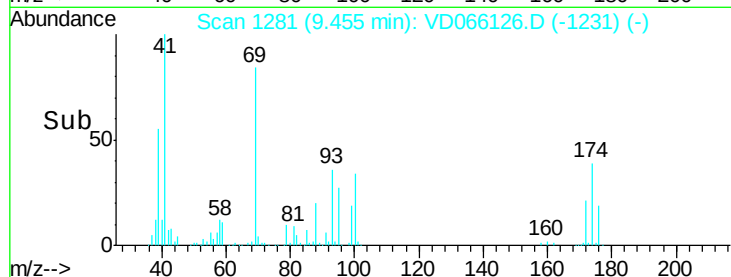
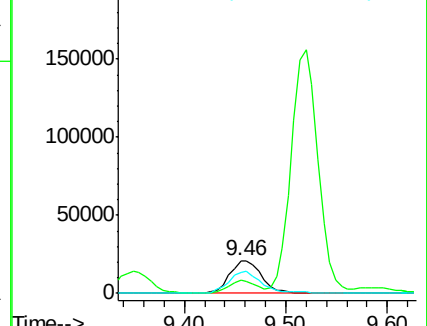
58 66.1 50.2 75.4



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: 100.370 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066126.D

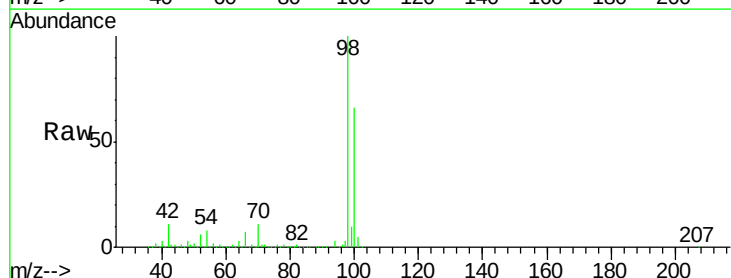
Acq: 05 Aug 2020 12:26

Tgt Ion: 98 Resp: 1194999

Ion Ratio Lower Upper

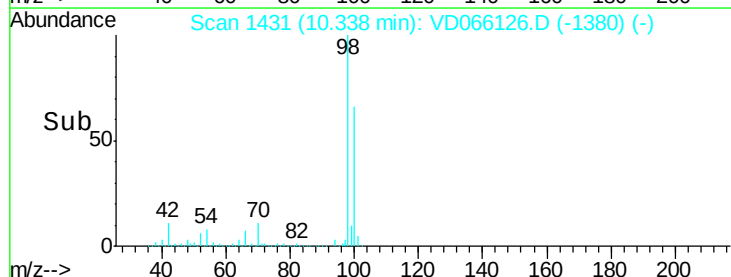
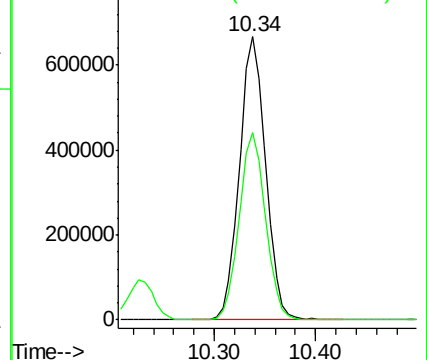
98 100

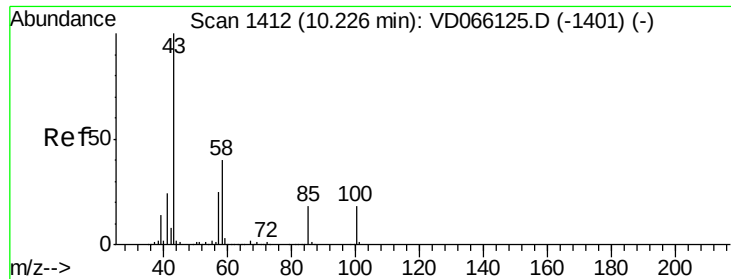
100 66.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

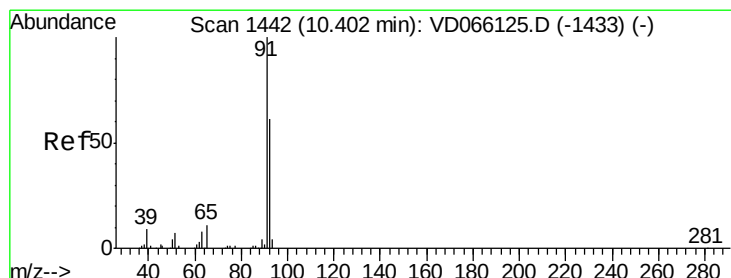
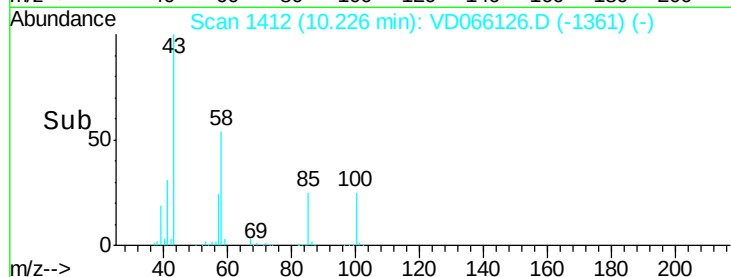
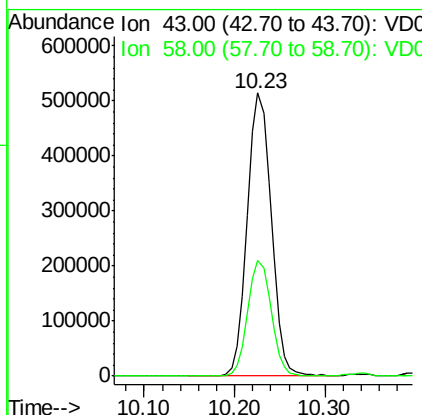
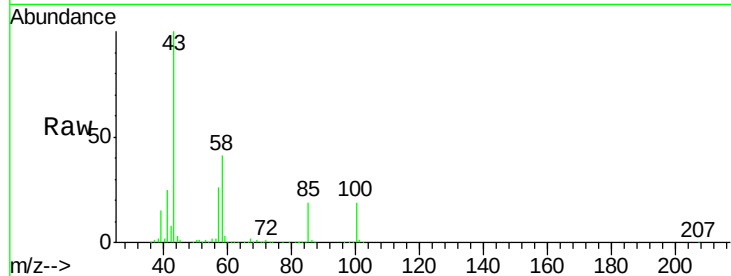




#51
 4-Methyl-2-Pentanone
 Concen: 488.407 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

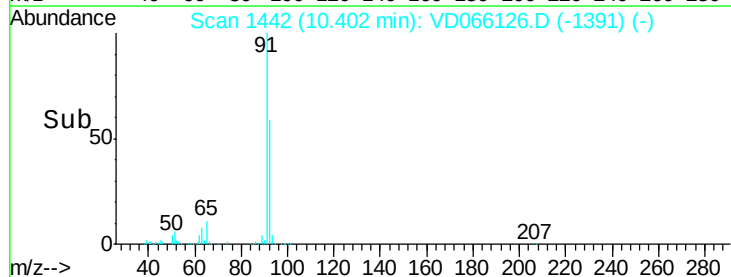
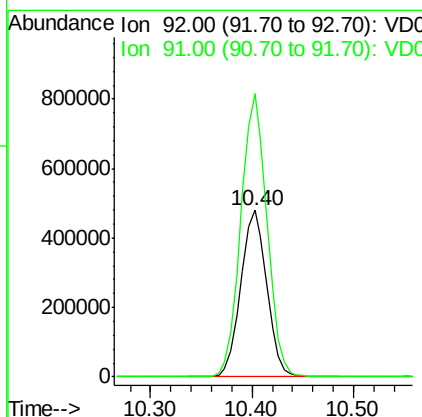
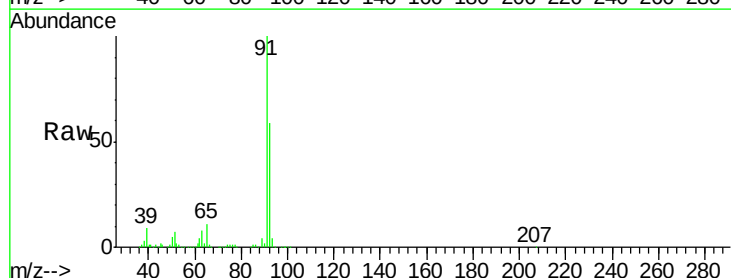
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

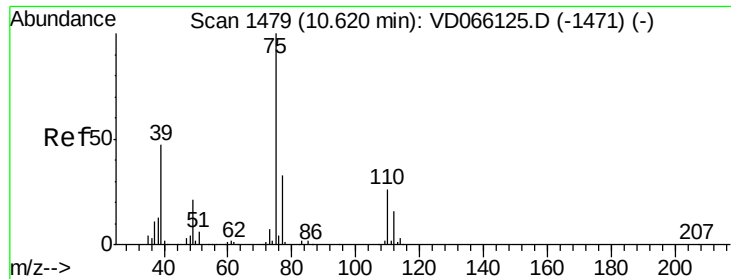
Tgt Ion: 43 Resp: 950074
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.1 46.7



#52
 Toluene
 Concen: 95.351 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 92 Resp: 852483
 Ion Ratio Lower Upper
 92 100
 91 171.5 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 100.444 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

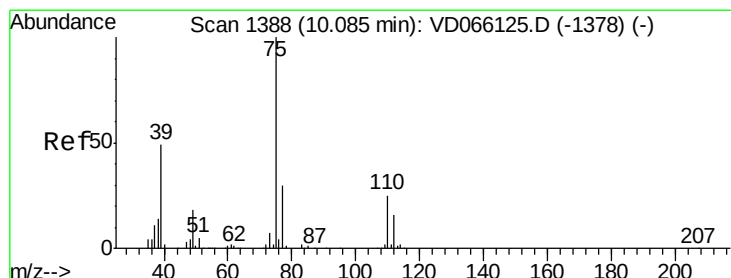
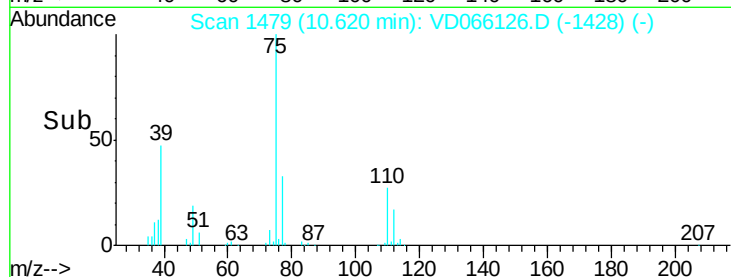
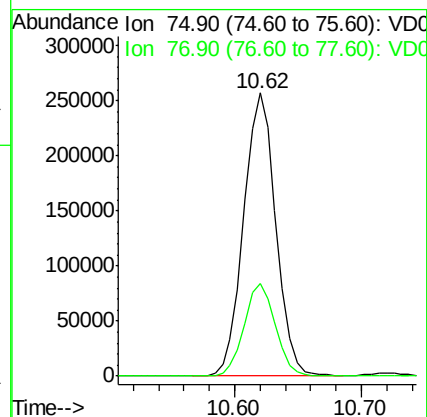
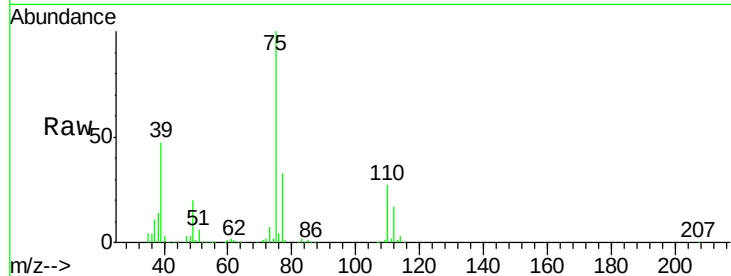
VSTDIC100

Tgt Ion: 75 Resp: 452446

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 101.322 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

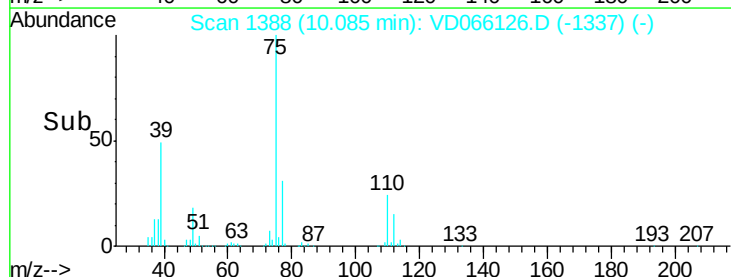
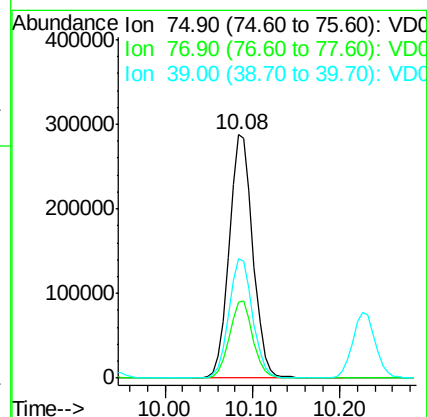
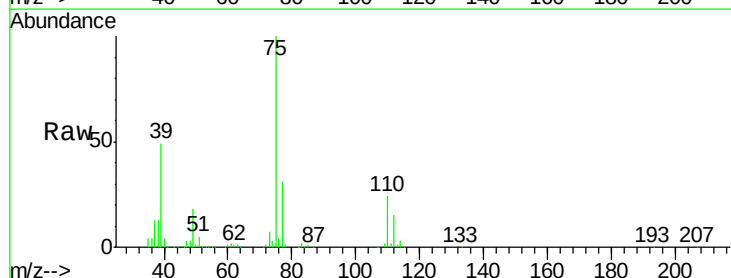
Tgt Ion: 75 Resp: 533578

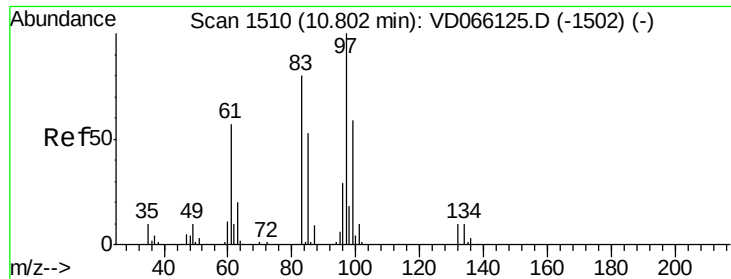
Ion Ratio Lower Upper

75 100

77 31.3 24.3 36.5

39 48.8 39.3 58.9

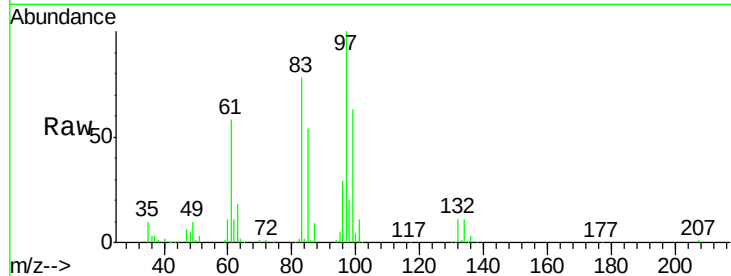




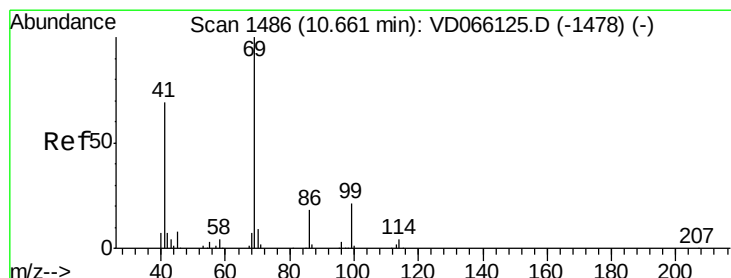
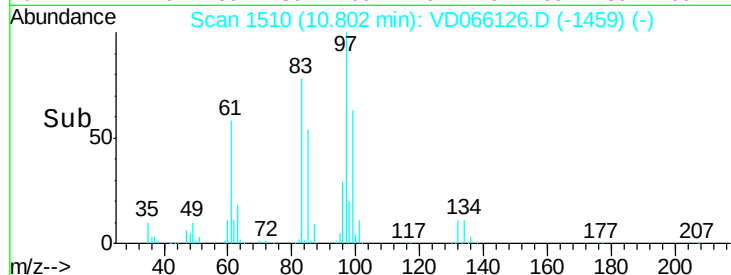
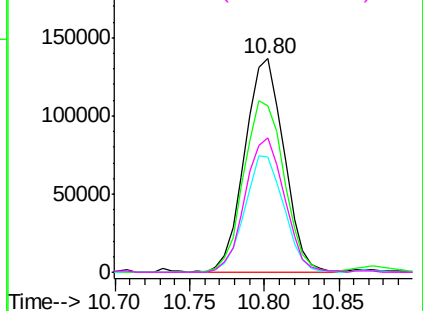
#55
 1,1,2-Trichloroethane
 Concen: 94.176 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	249539
Ion	Ratio	Lower	Upper
97	100		
83	77.9	63.9	95.9
85	53.9	42.5	63.7
99	62.8	47.4	71.0

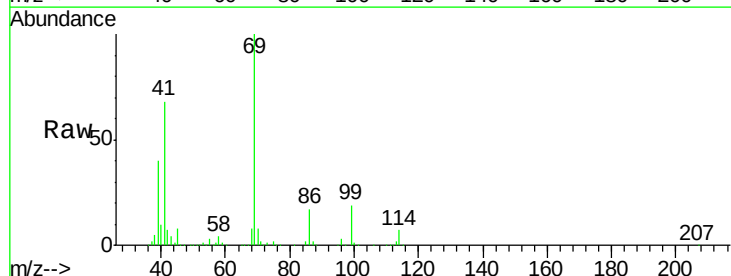


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

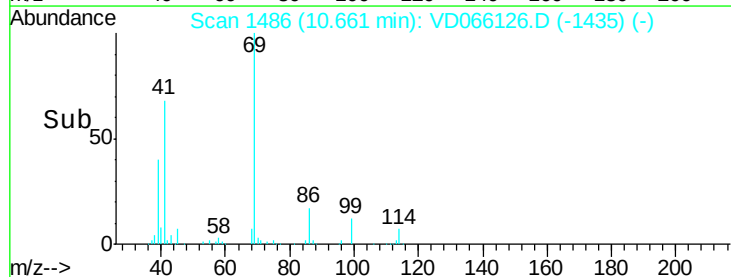
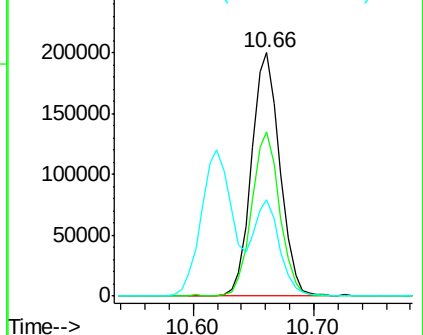


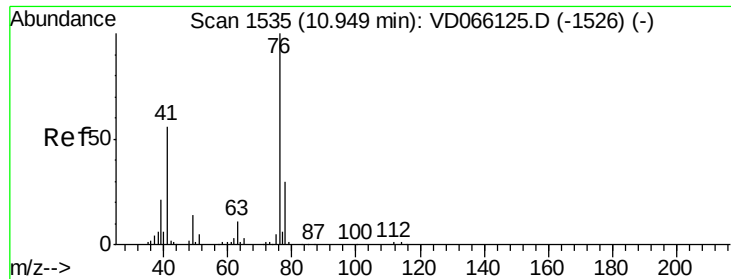
#56
 Ethyl methacrylate
 Concen: 107.482 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion:	69	Resp:	326694
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.1	81.1
39	35.7	28.6	43.0



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

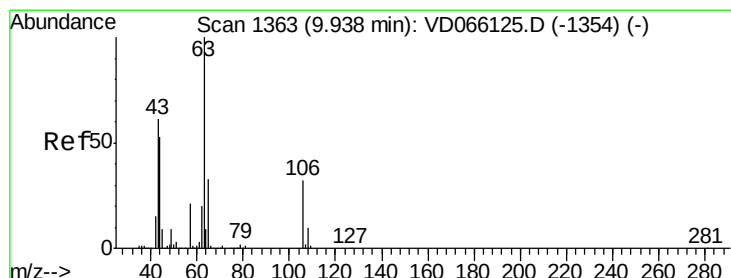
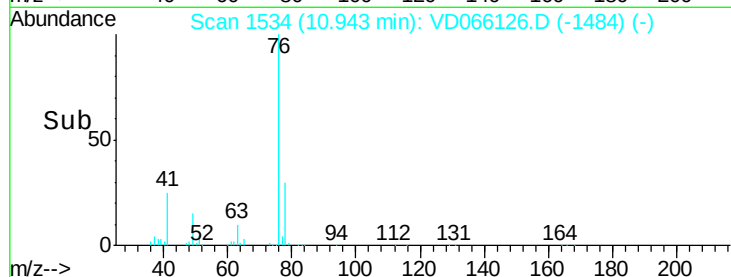
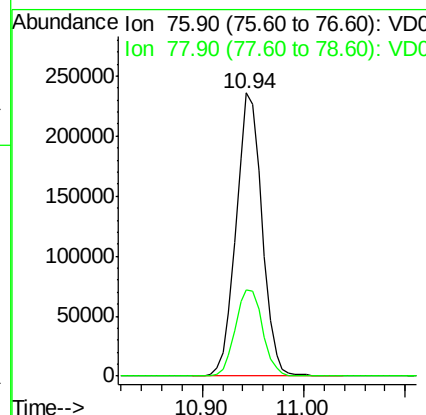
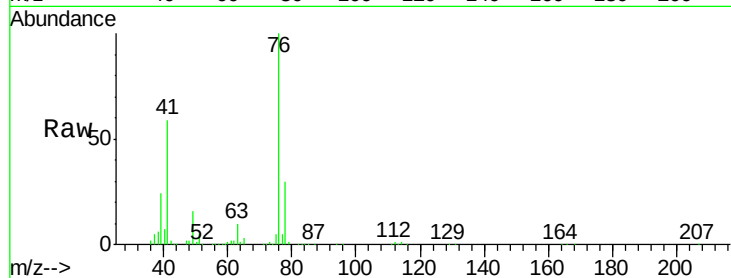




#57
 1,3-Dichloropropane
 Concen: 95.859 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

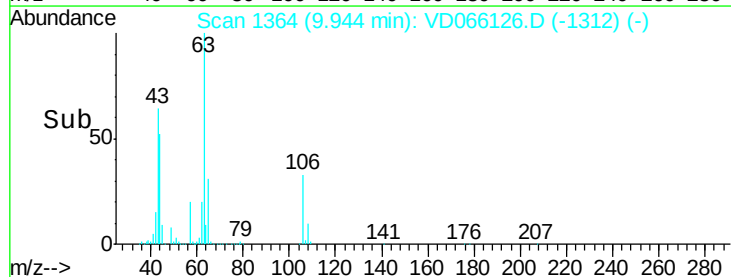
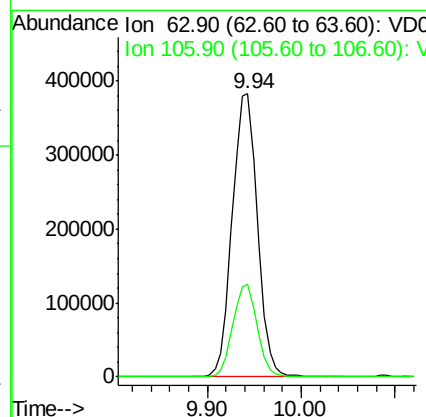
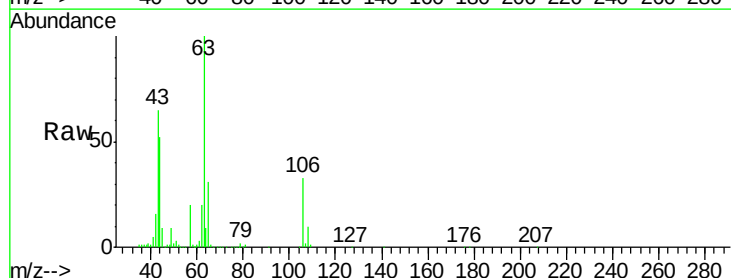
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

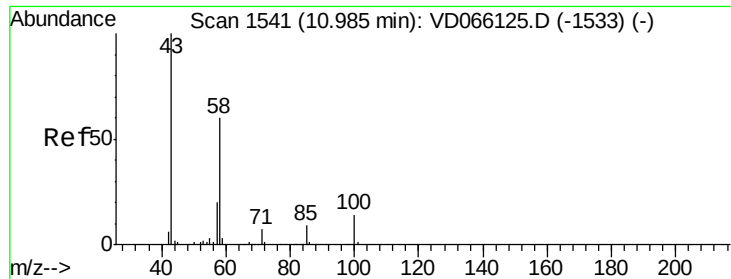
Tgt Ion: 76 Resp: 417700
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 514.653 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 63 Resp: 711707
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9

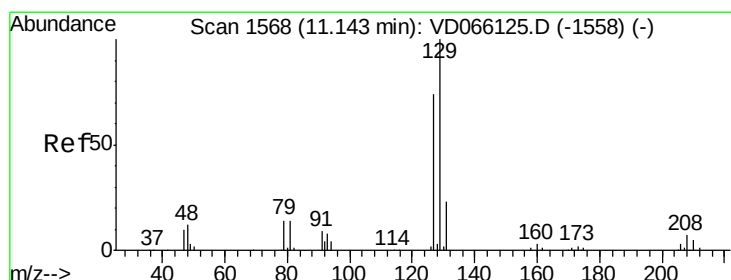
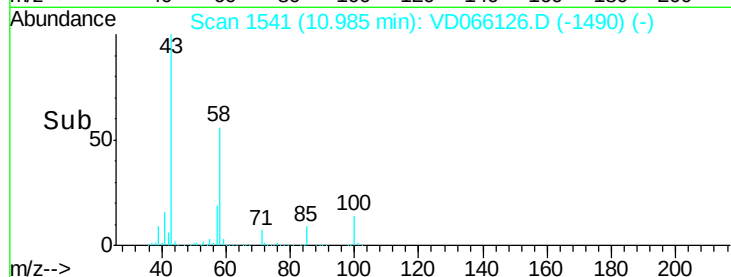
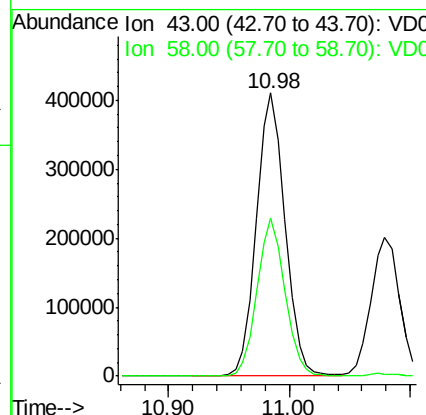
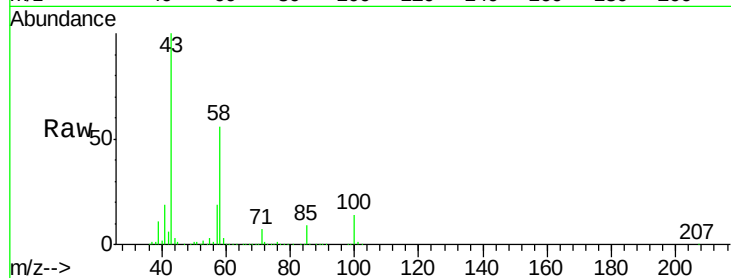




#59
2-Hexanone
Concen: 499.487 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

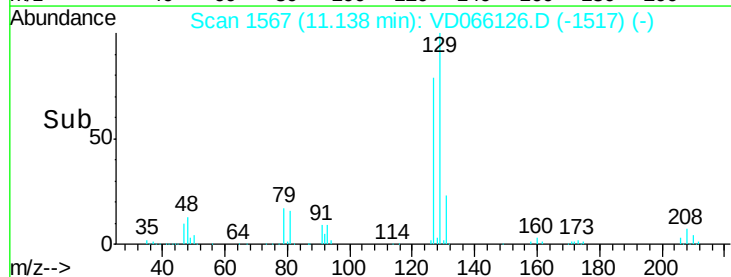
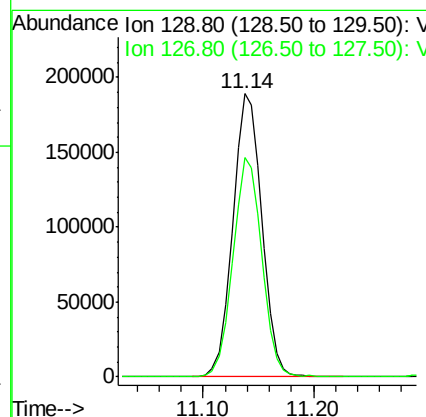
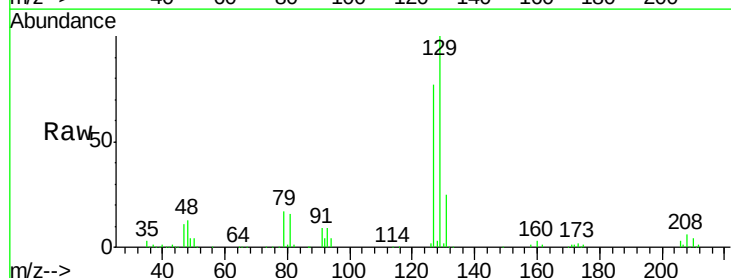
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

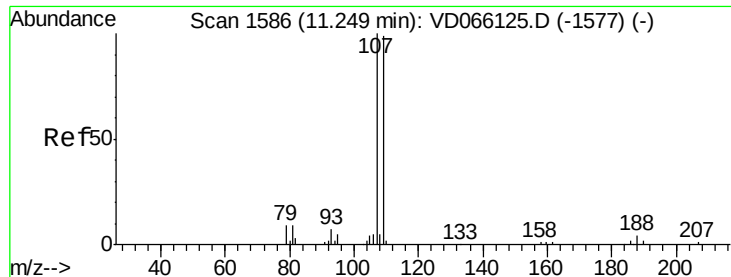
Tgt Ion: 43 Resp: 679446
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4



#60
Dibromochloromethane
Concen: 95.989 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 129 Resp: 348195
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1

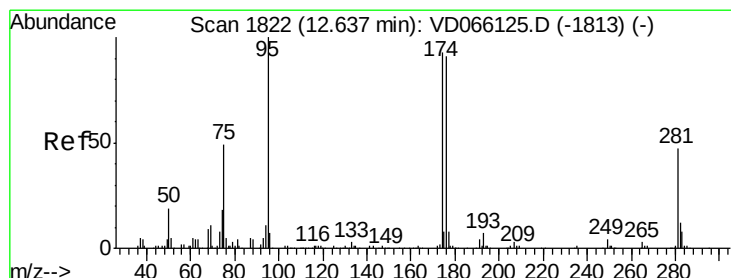
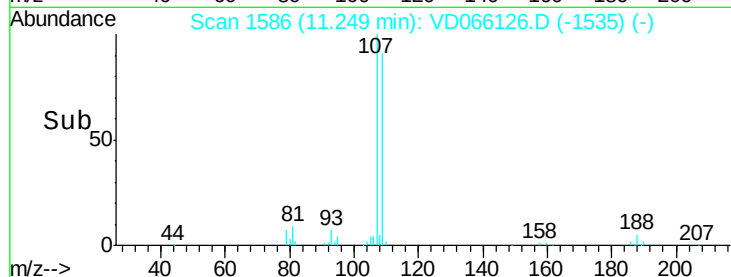
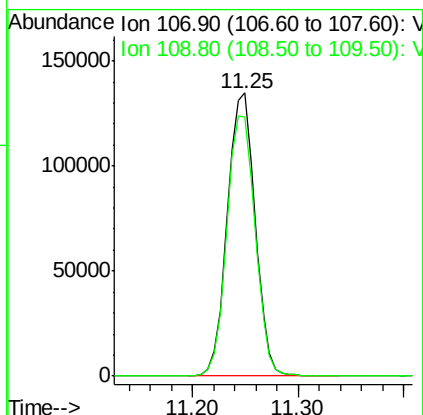
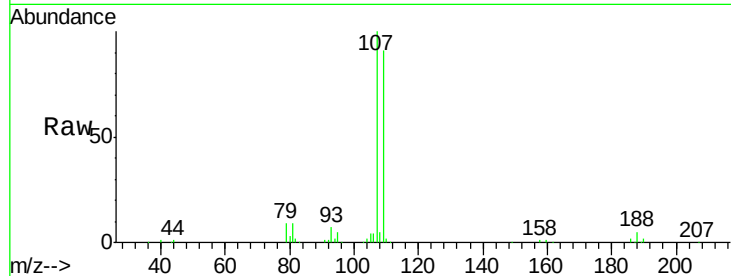




#61
 1,2-Dibromoethane
 Concen: 97.638 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

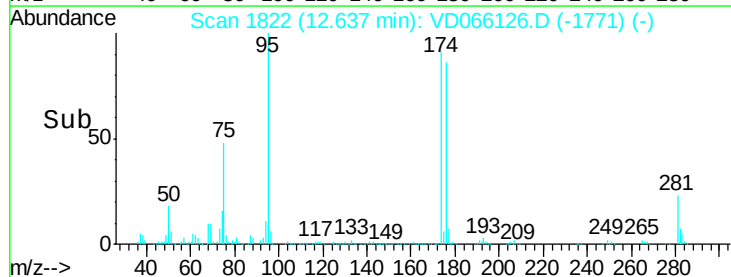
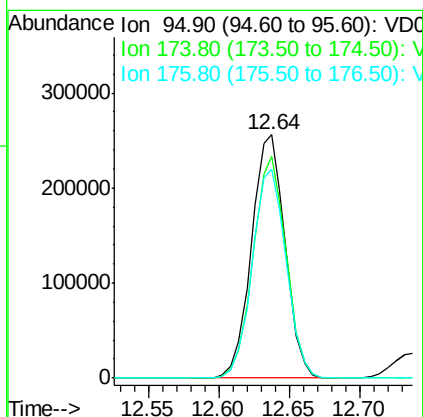
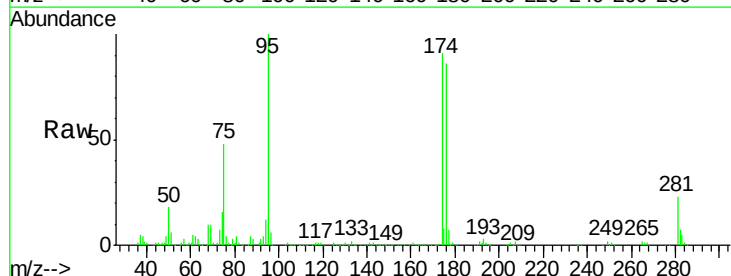
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

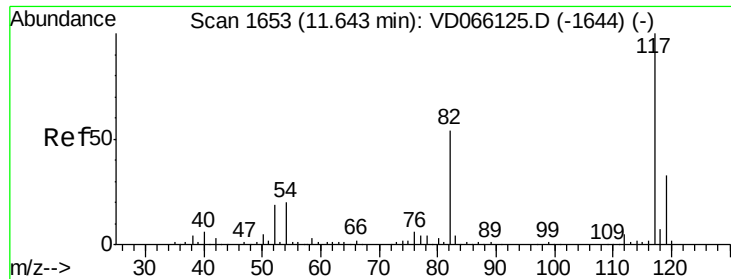
Tgt Ion: 107 Resp: 245322
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 98.632 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 95 Resp: 426948
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 180.8
 176 86.6 0.0 181.2

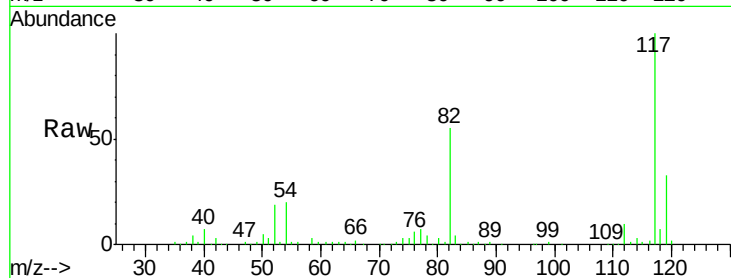




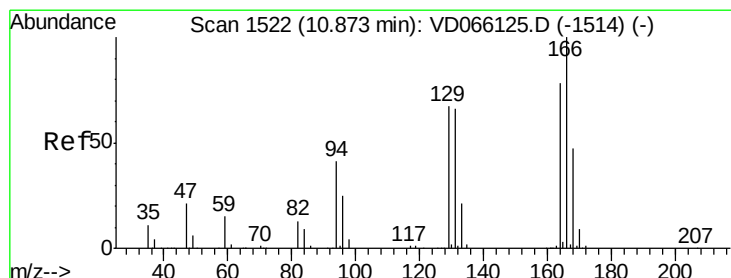
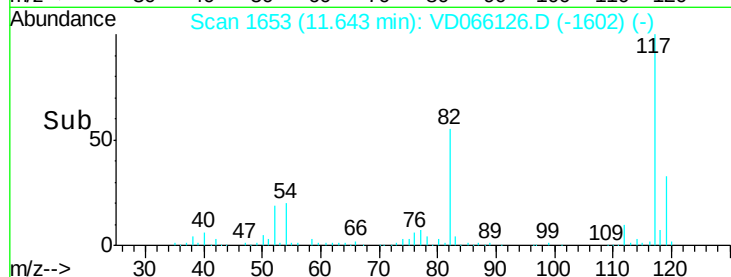
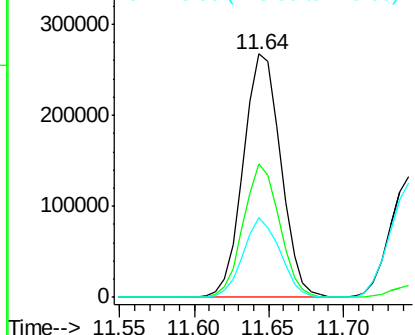
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 465902
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.6 26.1 39.1

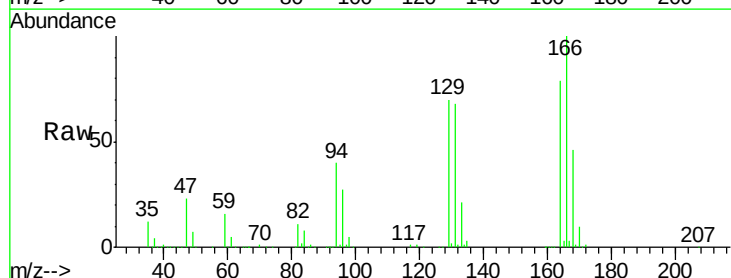


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

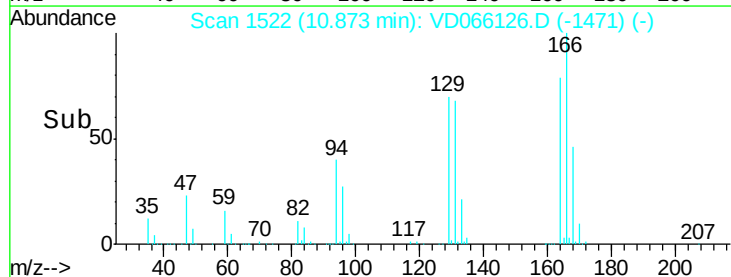
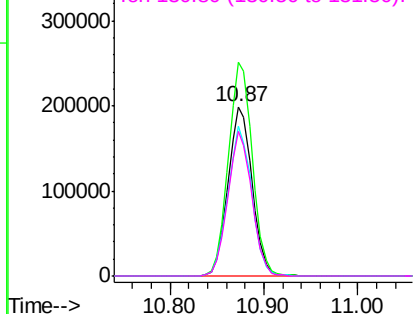


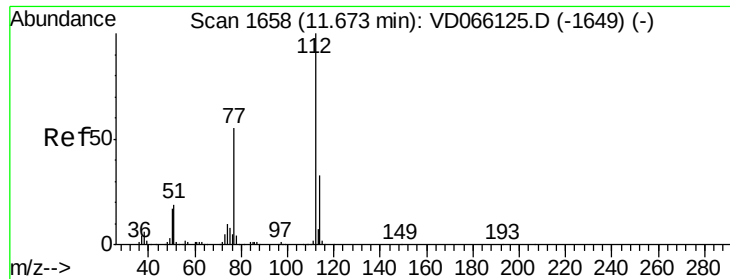
#64
Tetrachloroethene
Concen: 96.401 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion:164 Resp: 352031
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 88.5 68.1 102.1
131 85.6 67.6 101.4



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

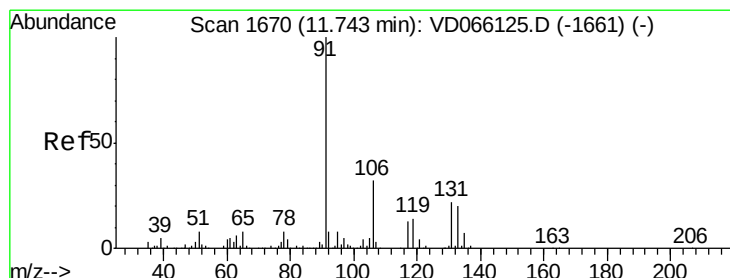
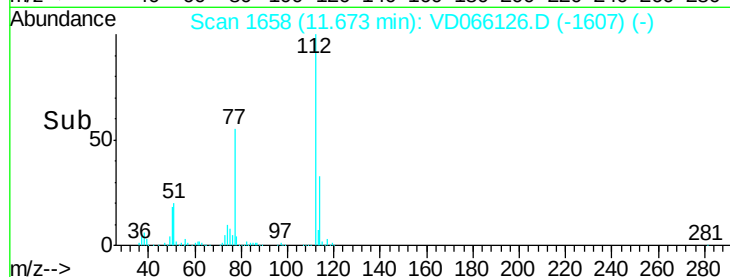
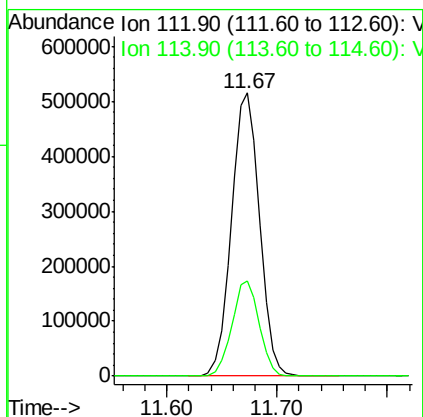
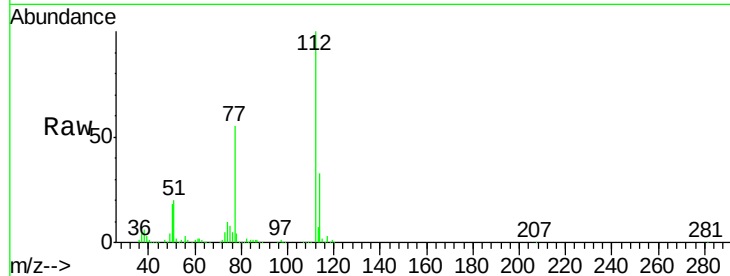




#65
Chlorobenzene
Concen: 95.104 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

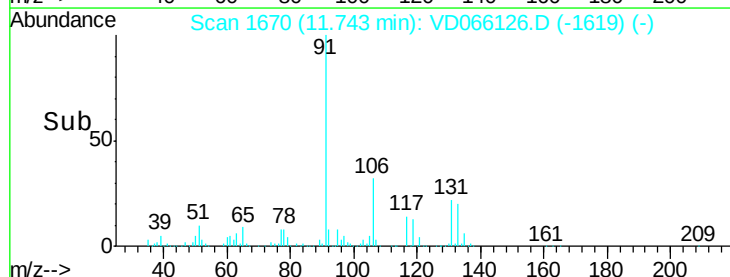
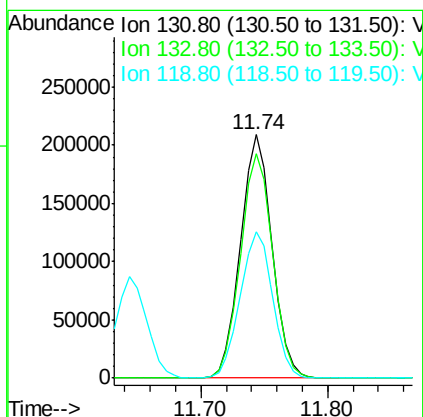
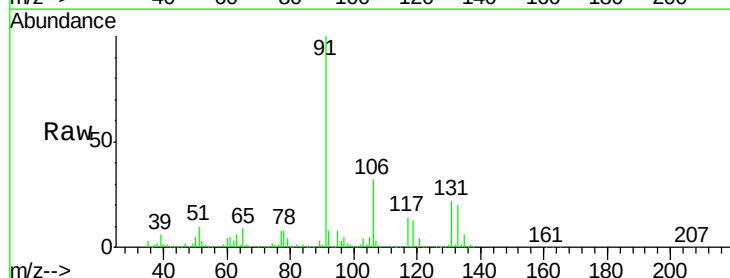
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

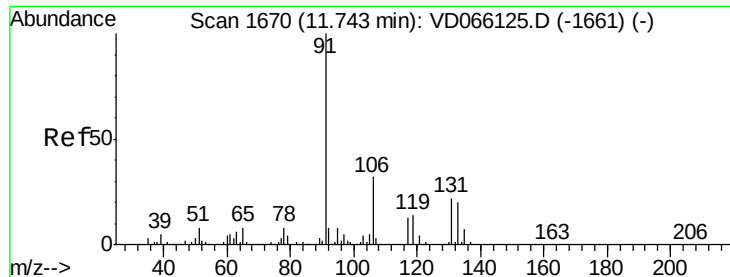
Tgt Ion:112 Resp: 919606
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 94.683 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion:131 Resp: 359930
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 62.2 31.6 94.7





#67

Ethyl Benzene

Concen: 98.475 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

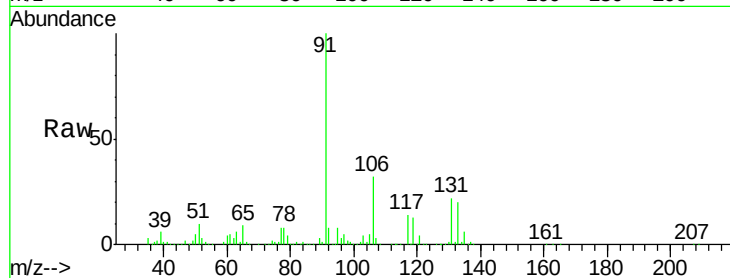
VSTDIC100

Tgt Ion: 91 Resp: 1634144

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

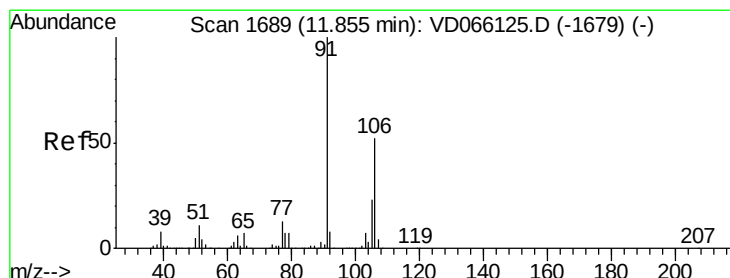
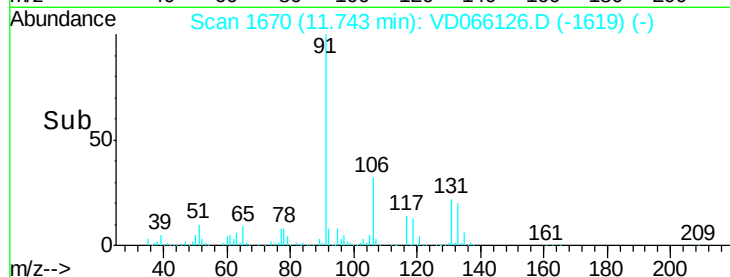
11.74

1000000

500000

0

Time-->



#68

m/p-Xylenes

Concen: 195.247 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066126.D

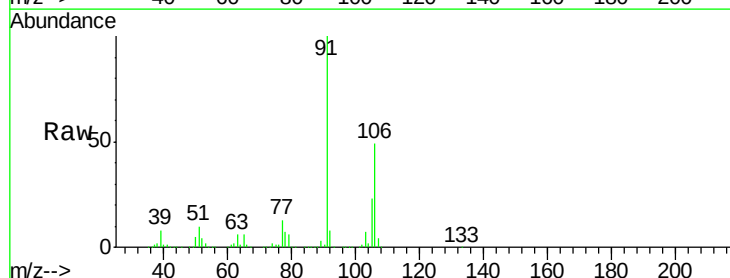
Acq: 05 Aug 2020 12:26

Tgt Ion: 106 Resp: 1260052

Ion Ratio Lower Upper

106 100

91 198.1 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

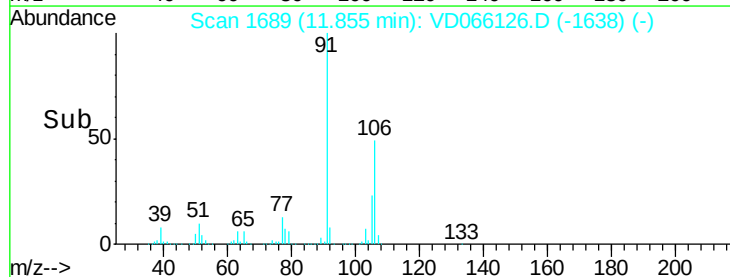
11.86

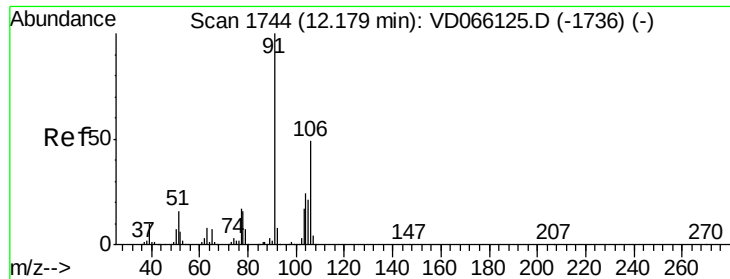
1000000

500000

0

Time-->

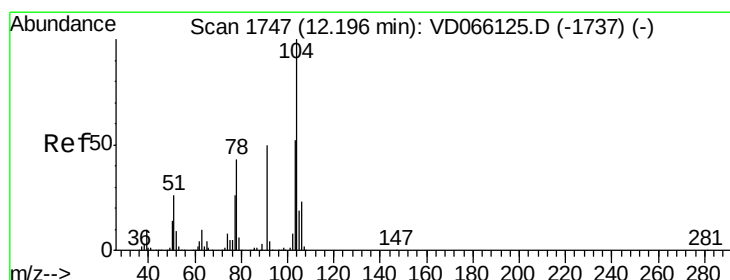
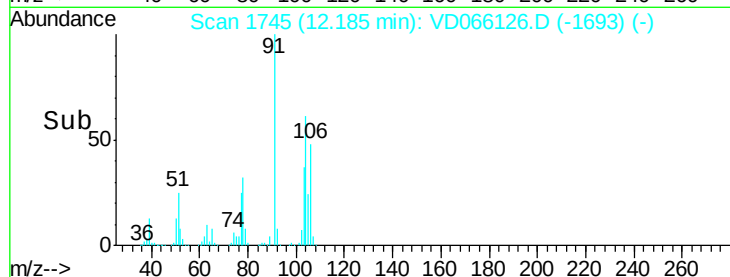
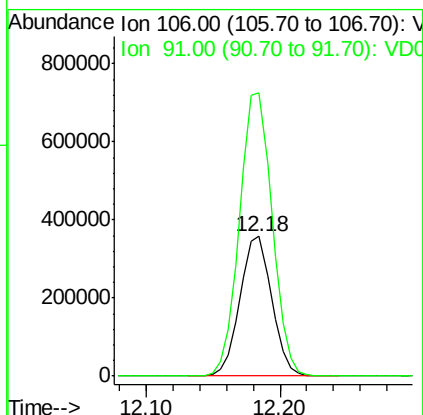
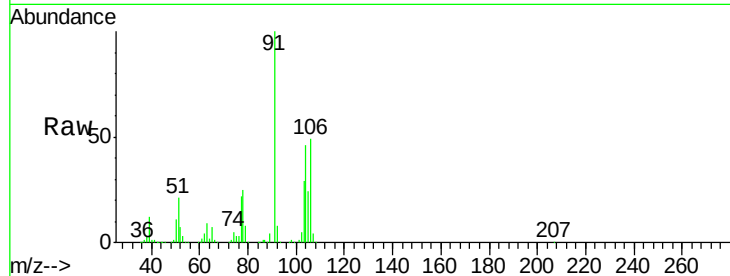




#69
o-Xylene
Concen: 101.503 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

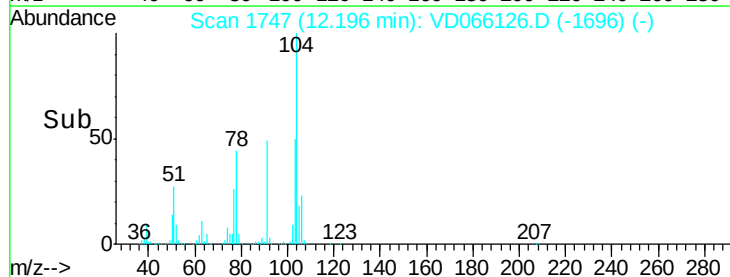
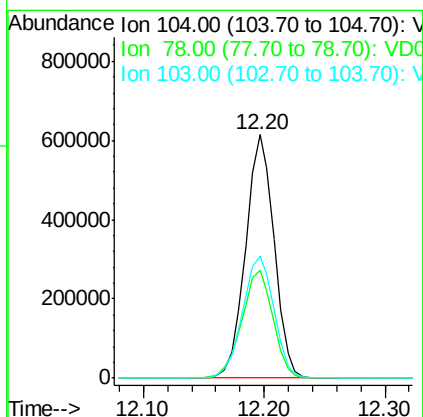
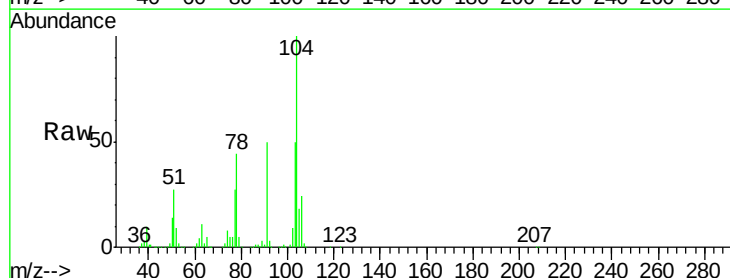
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

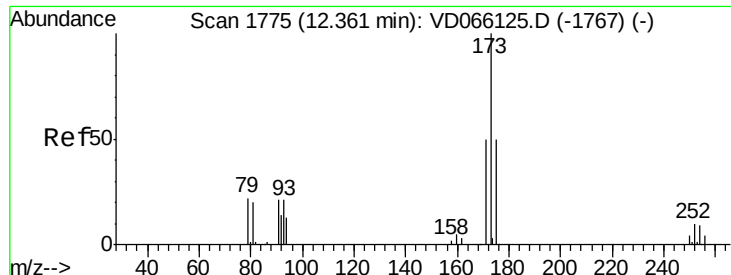
Tgt Ion:106 Resp: 589426
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.1



#70
Styrene
Concen: 99.123 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion:104 Resp: 1013994
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 55.2 44.1 66.1





#71

Bromoform

Concen: 95.552 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

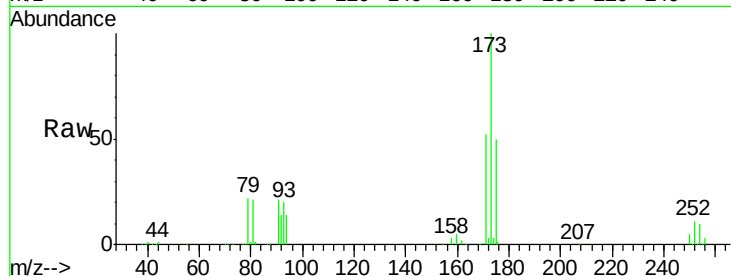
Tgt Ion:173 Resp: 213709

Ion Ratio Lower Upper

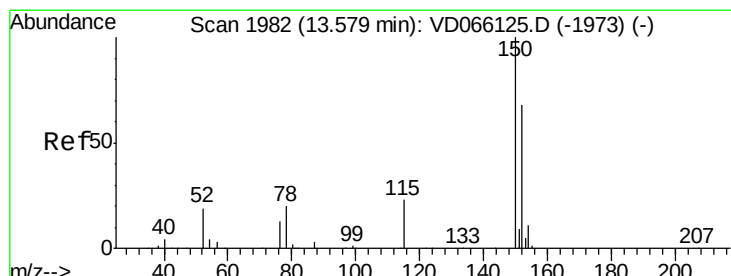
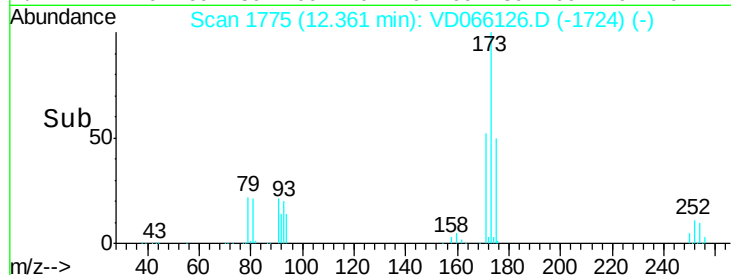
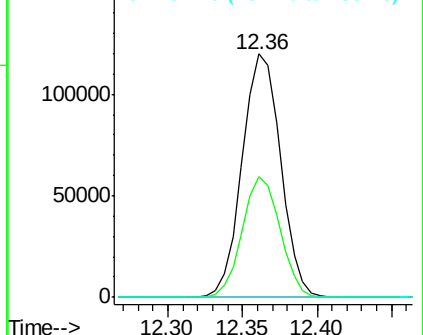
173 100

175 48.9 24.6 73.6

254 0.1 0.2 0.2#



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: VD066126.D

Acq: 05 Aug 2020 12:26

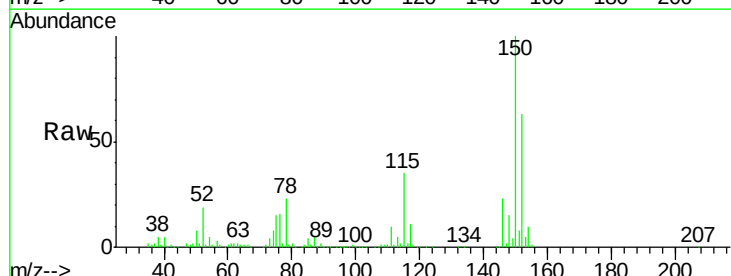
Tgt Ion:152 Resp: 242500

Ion Ratio Lower Upper

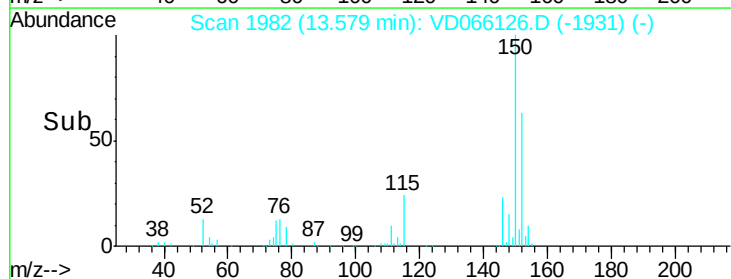
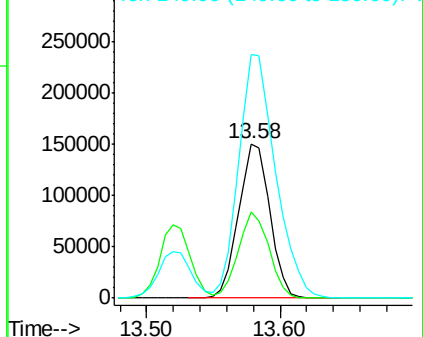
152 100

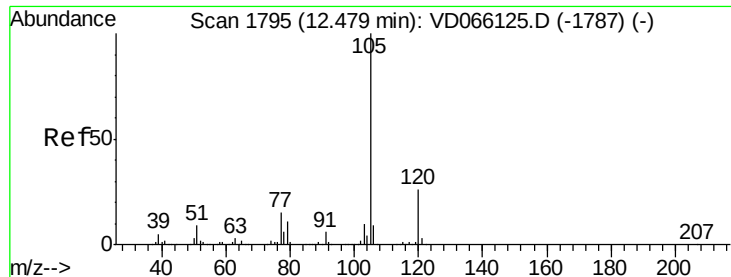
115 55.3 28.0 83.9

150 187.0 0.0 346.4



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: 98.962 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

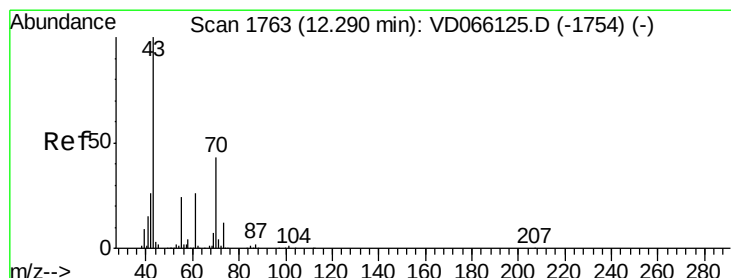
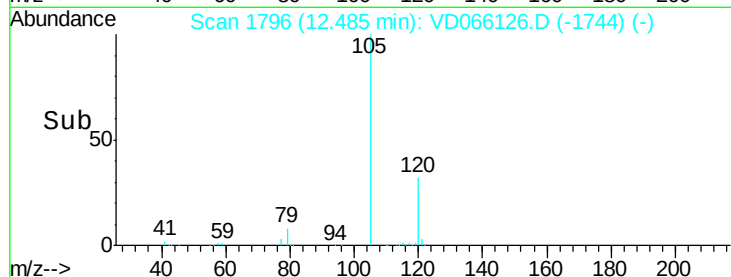
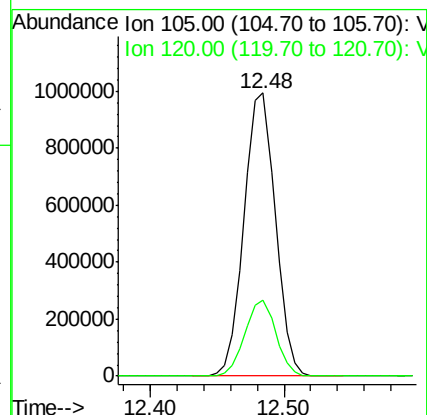
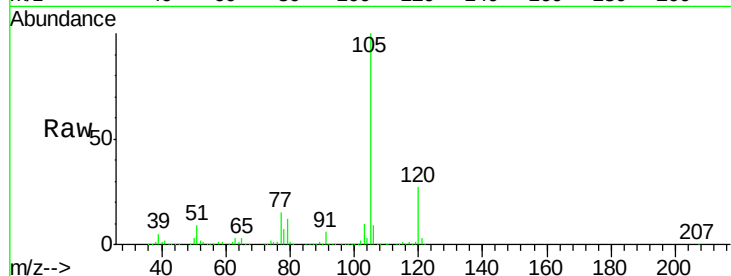
VSTDIC100

Tgt Ion: 105 Resp: 1615247

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 103.951 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion: 43 Resp: 365012

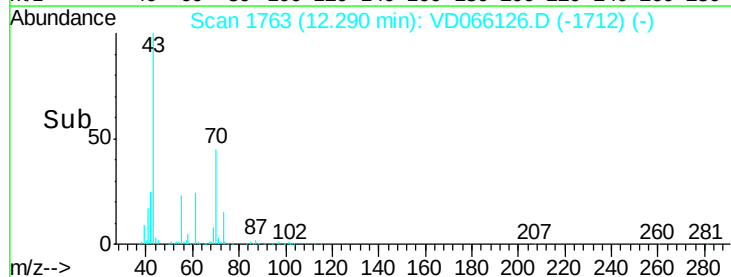
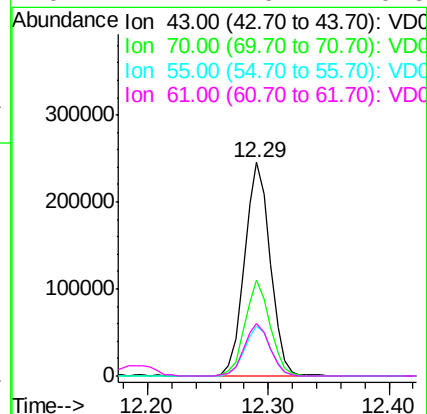
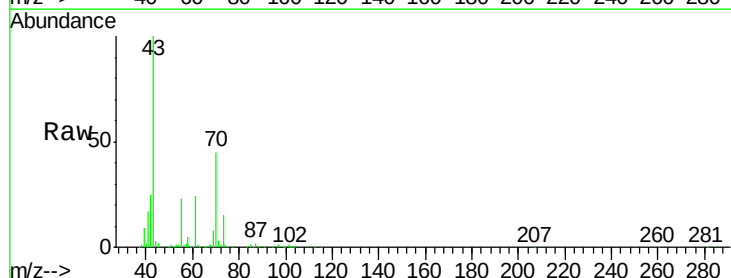
Ion Ratio Lower Upper

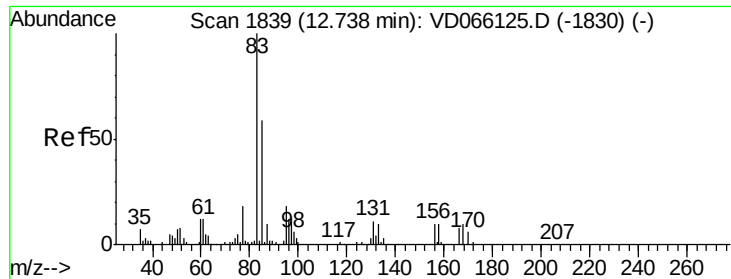
43 100

70 43.8 34.9 52.3

55 23.8 19.2 28.8

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 92.796 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

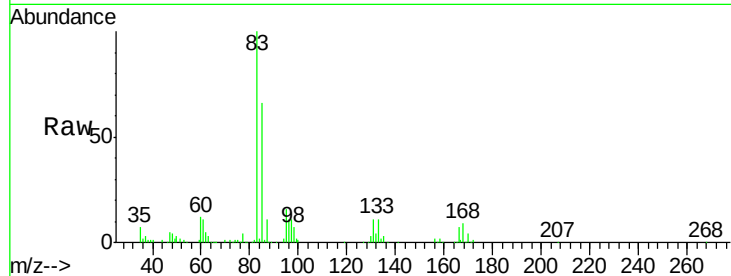
Tgt Ion: 83 Resp: 262658

Ion Ratio Lower Upper

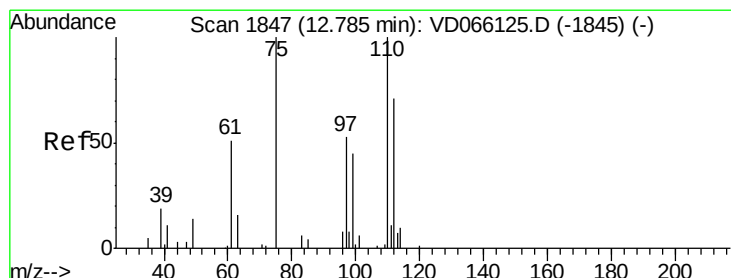
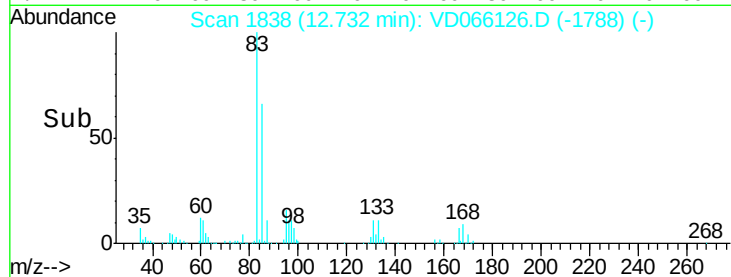
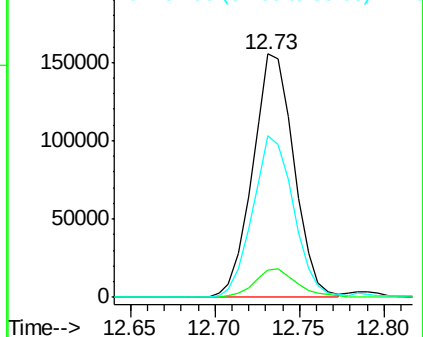
83 100

131 12.1 6.2 18.6

85 66.0 32.4 97.2



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: 176.481 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066126.D

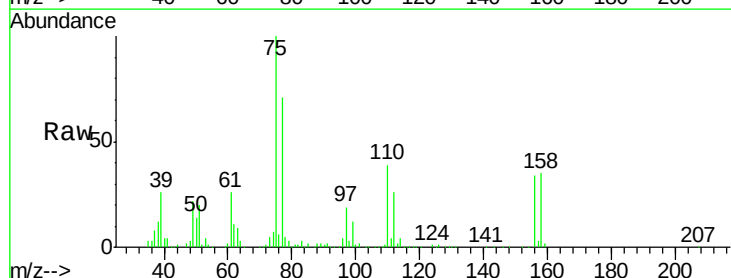
Acq: 05 Aug 2020 12:26

Tgt Ion: 75 Resp: 354331

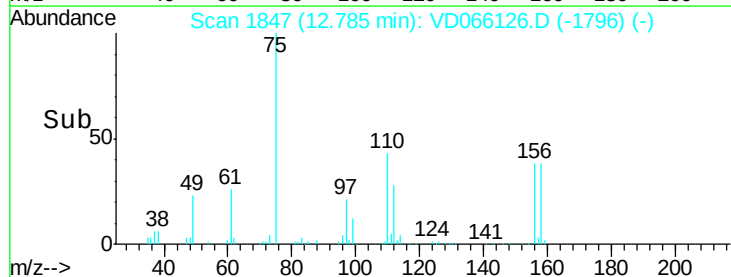
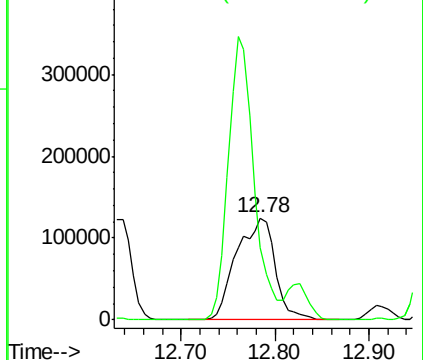
Ion Ratio Lower Upper

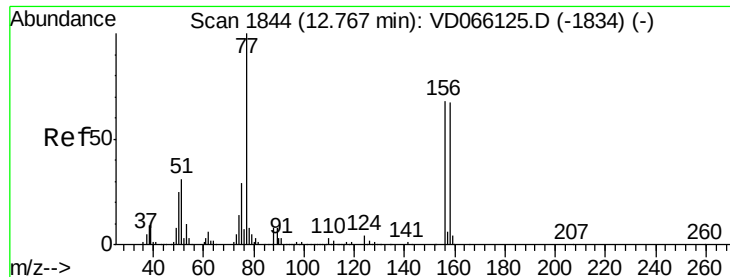
75 100

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: 96.056 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

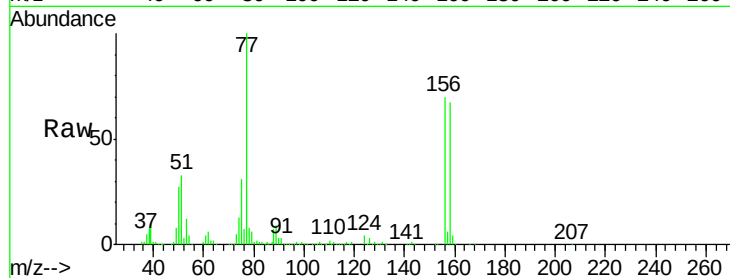
Tgt Ion:156 Resp: 407068

Ion Ratio Lower Upper

156 100

77 162.8 81.0 243.1

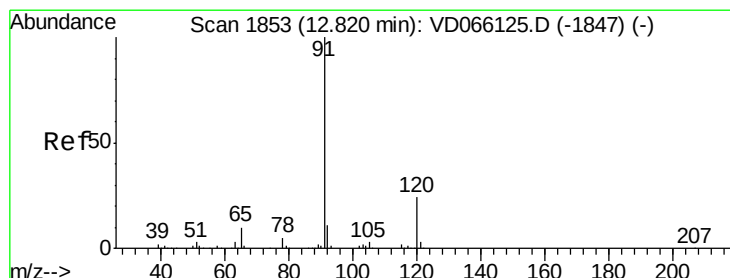
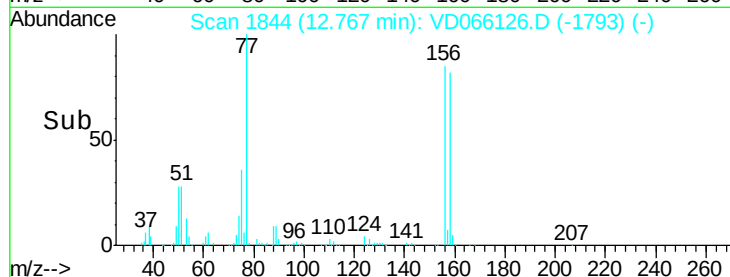
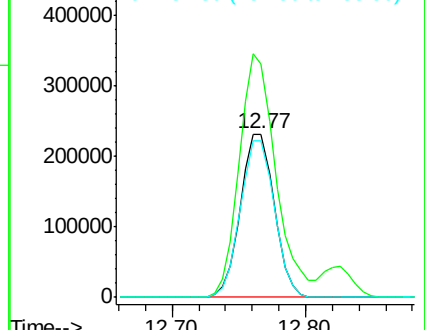
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.239 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066126.D

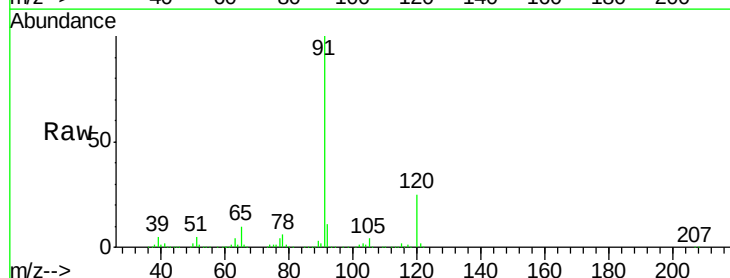
Acq: 05 Aug 2020 12:26

Tgt Ion: 91 Resp: 1853924

Ion Ratio Lower Upper

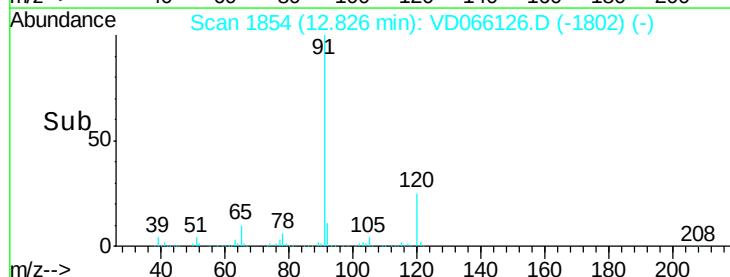
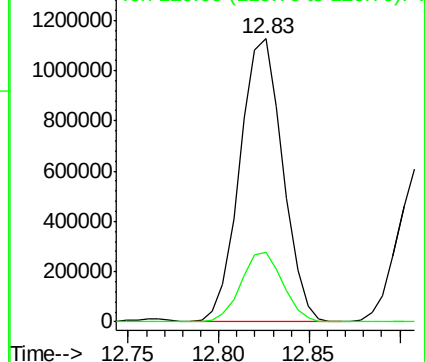
91 100

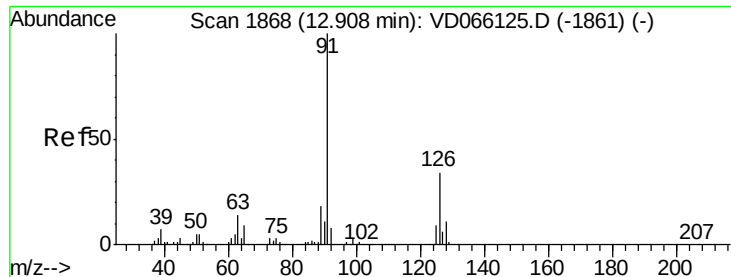
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

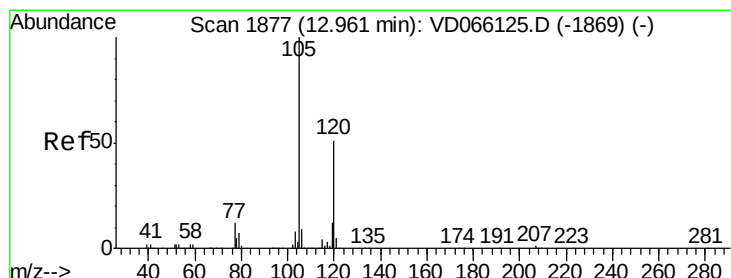
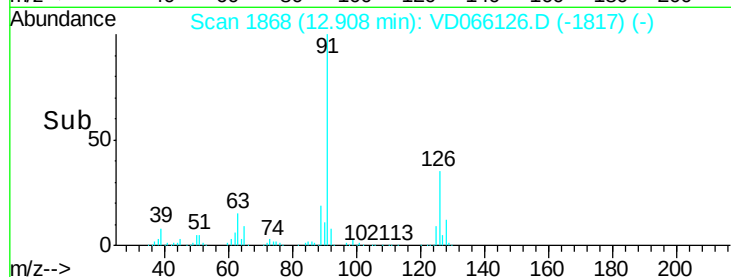
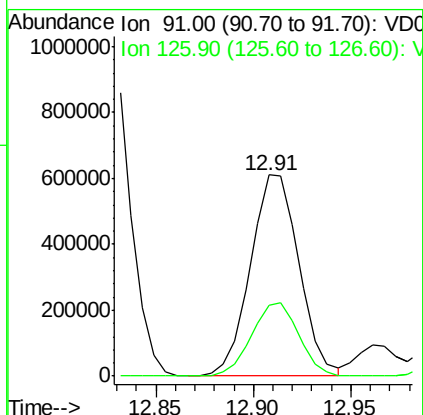
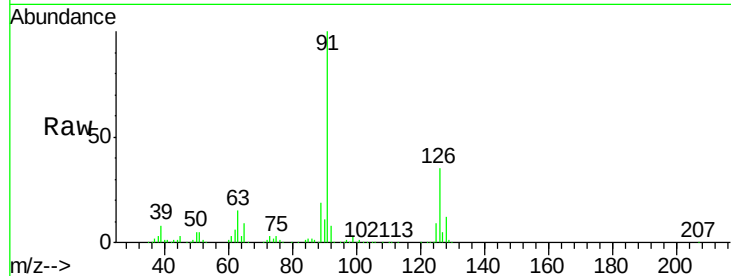




#79
 2-Chlorotoluene
 Concen: 96.083 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

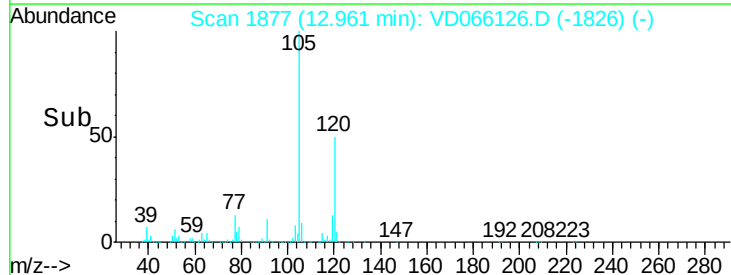
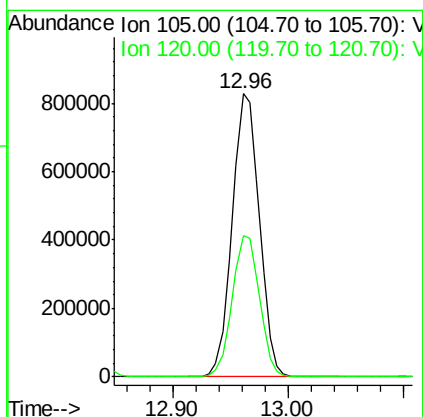
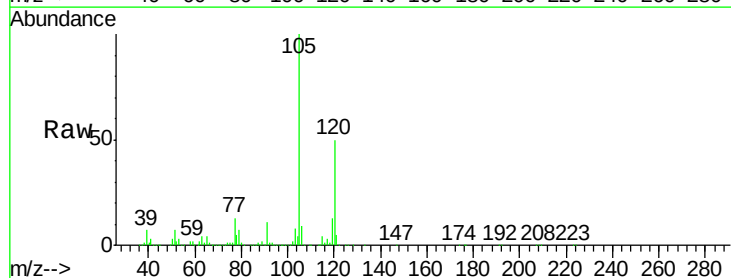
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

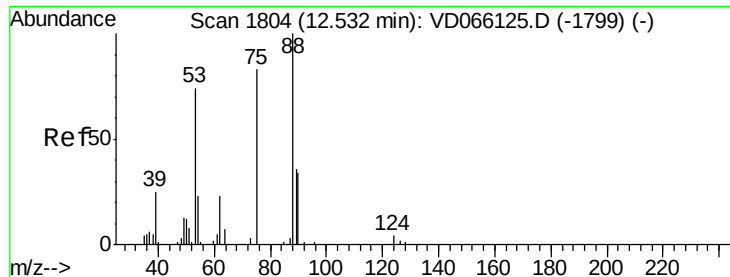
Tgt Ion: 91 Resp: 1050488
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 98.393 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 105 Resp: 1345271
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8

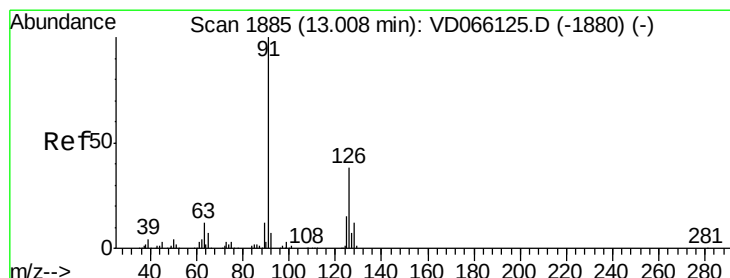
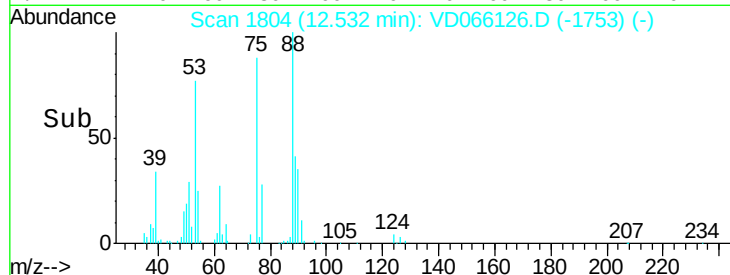
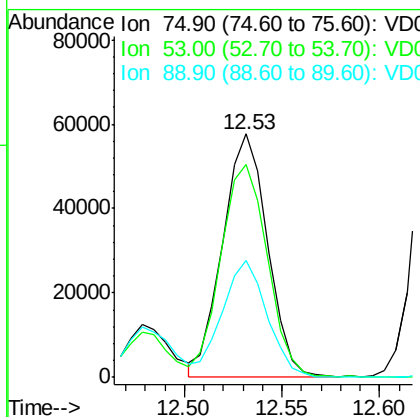
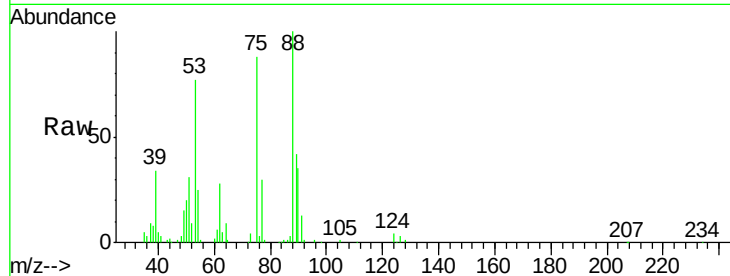




#81
trans-1,4-Dichloro-2-butene
Concen: 99.583 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

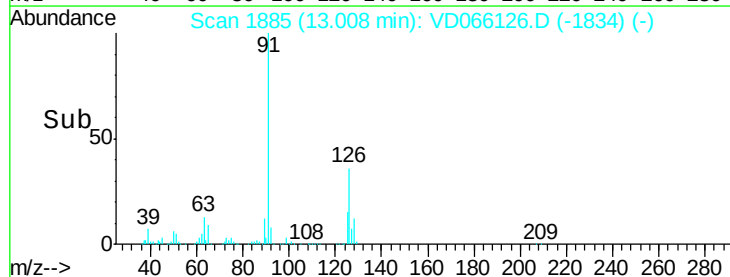
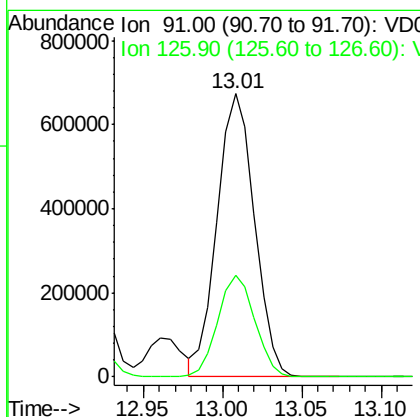
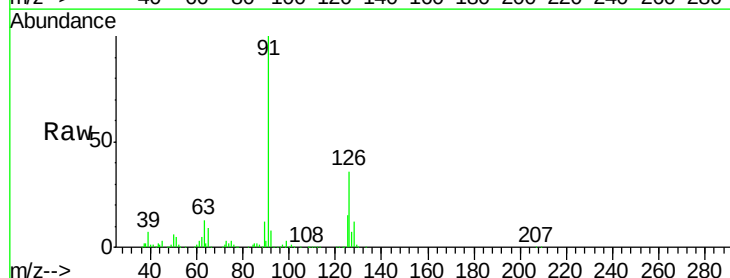
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

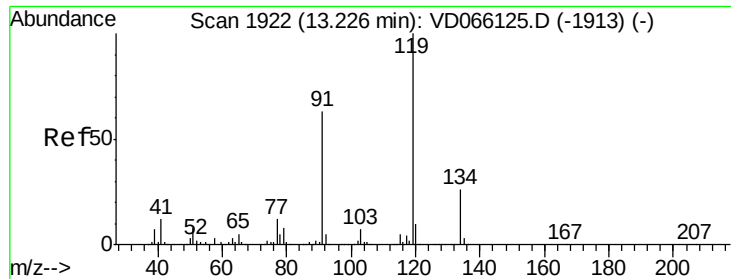
Tgt Ion: 75 Resp: 91317
Ion Ratio Lower Upper
75 100
53 91.7 73.4 110.2
89 48.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 95.071 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 91 Resp: 1101020
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.3

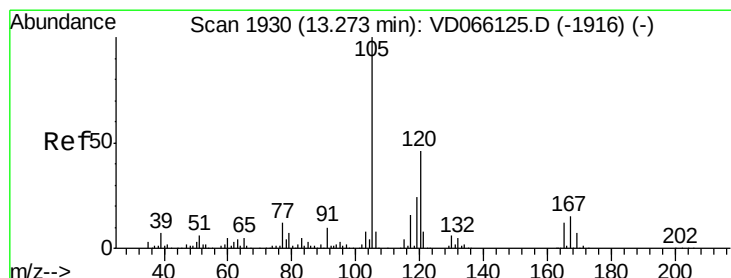
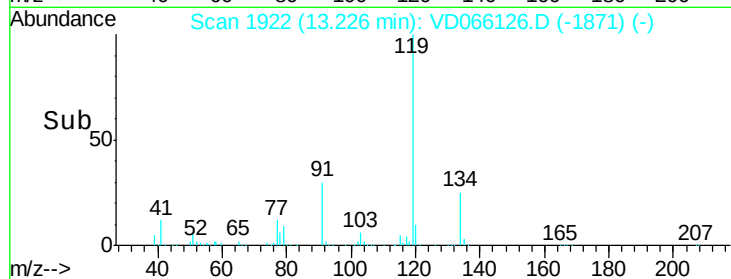
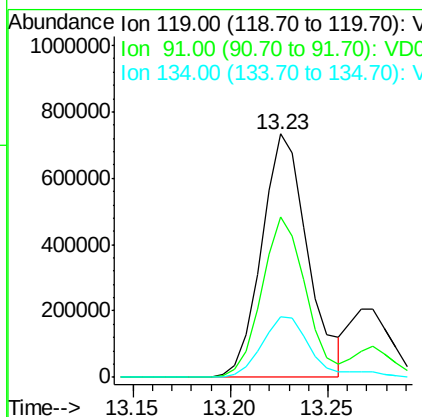
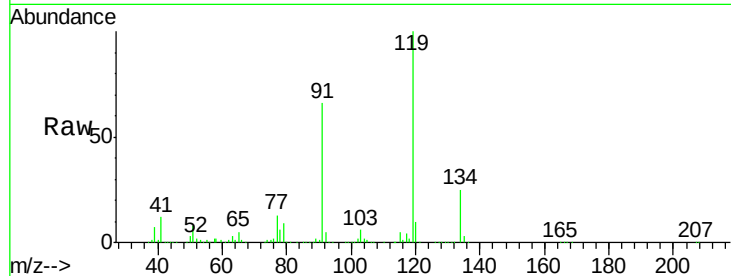




#83
 tert-Butylbenzene
 Concen: 100.075 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

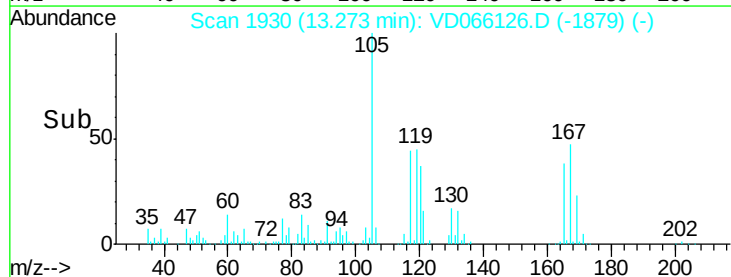
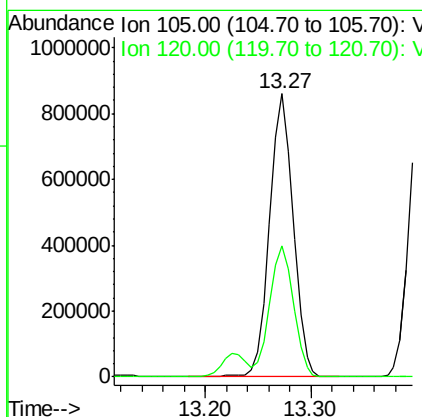
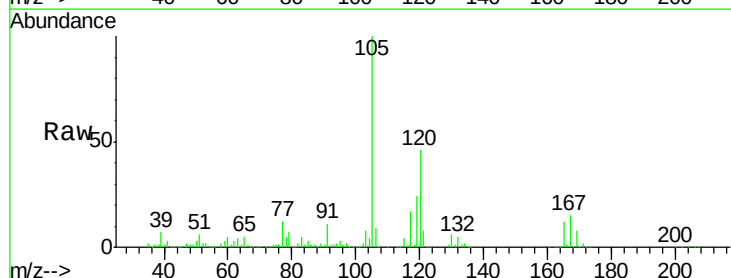
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

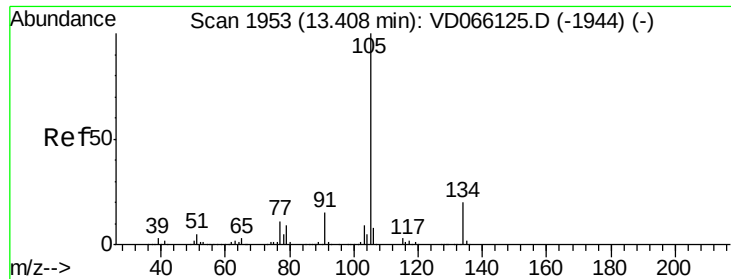
Tgt Ion:119 Resp: 1197725
 Ion Ratio Lower Upper
 119 100
 91 62.8 30.8 92.4
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 96.994 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion:105 Resp: 1333666
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 98.353 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

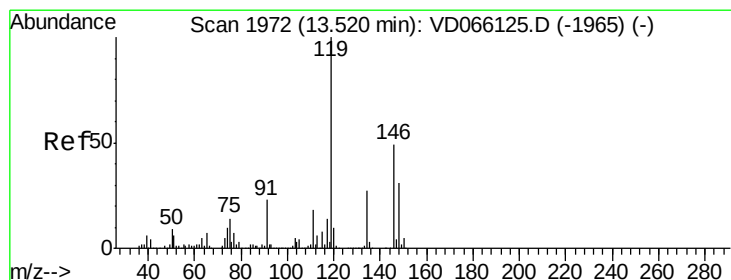
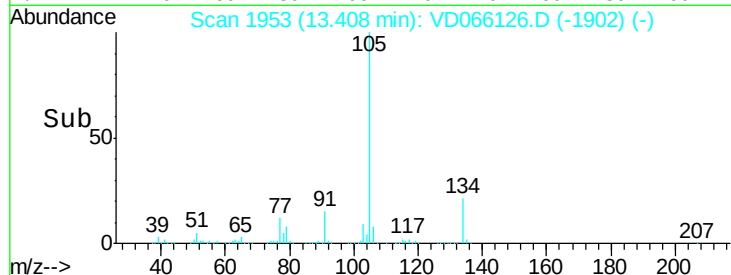
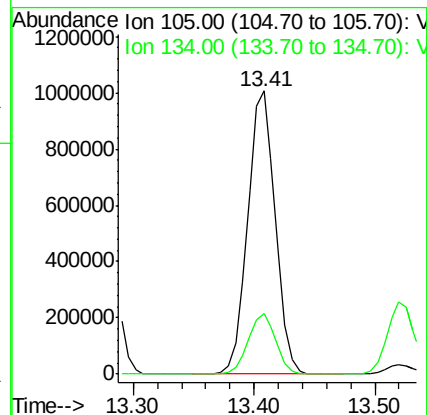
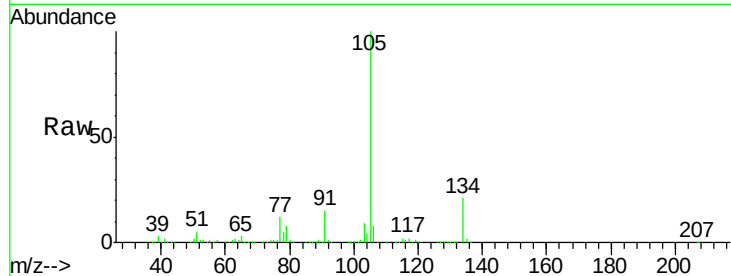
VSTDIC100

Tgt Ion:105 Resp: 1596176

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.4



#86

p-Isopropyltoluene

Concen: 97.533 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

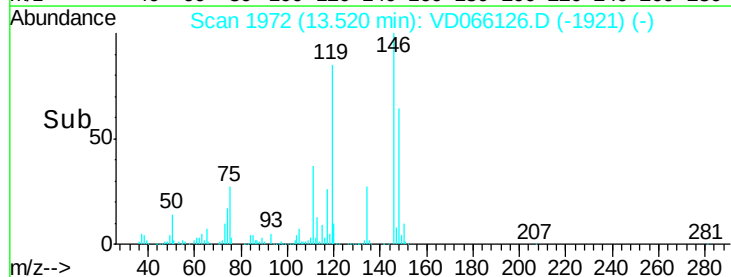
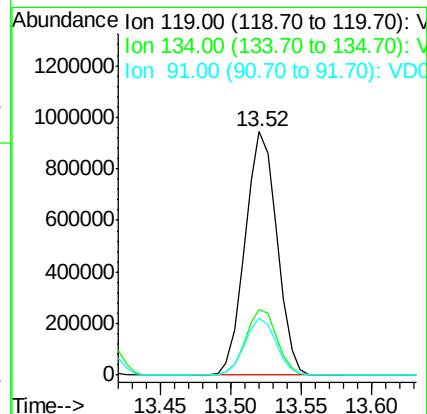
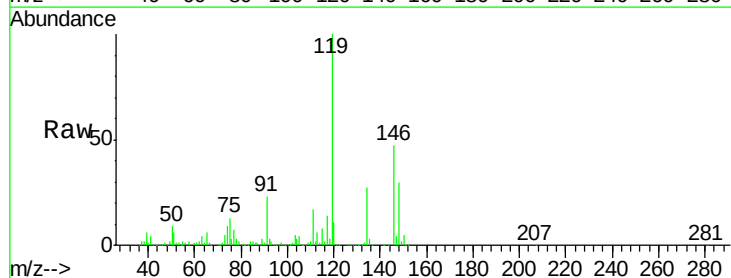
Tgt Ion:119 Resp: 1488719

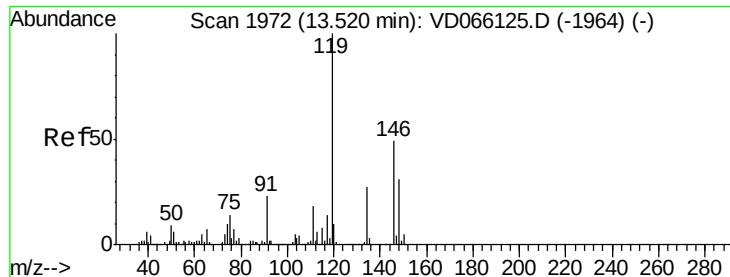
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.9 11.2 33.5

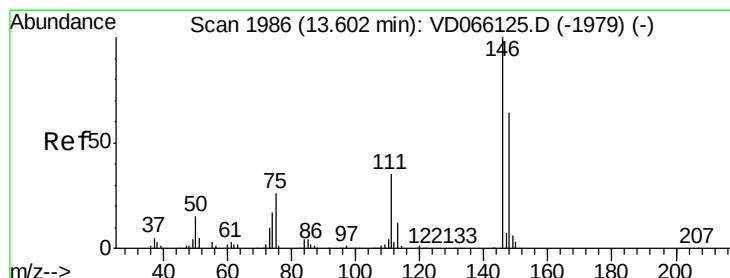
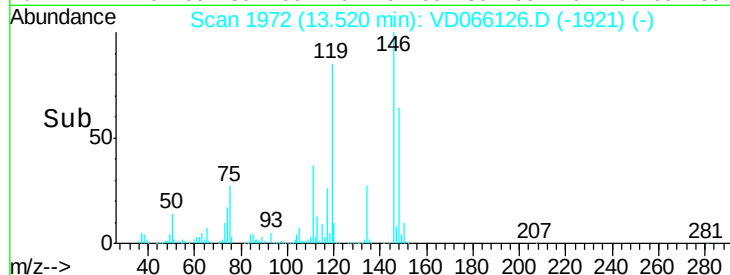
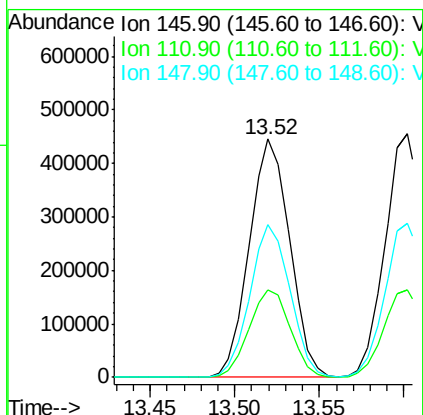
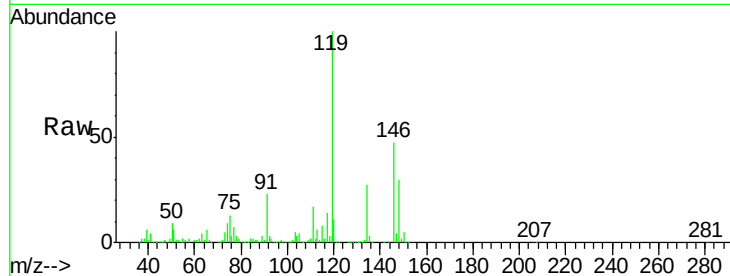




#87
 1,3-Dichlorobenzene
 Concen: 92.183 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

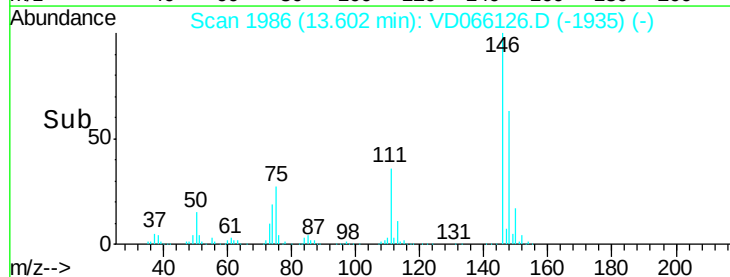
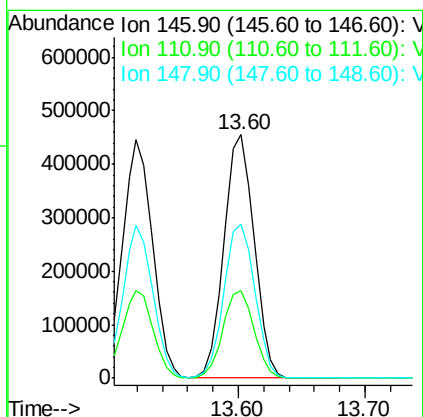
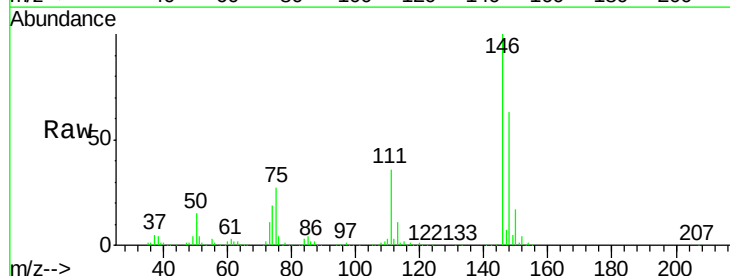
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

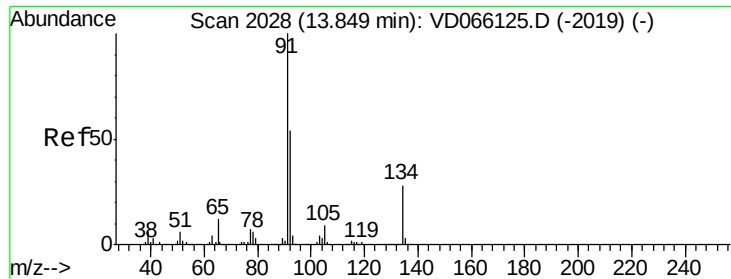
Tgt Ion:146 Resp: 743281
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 93.695 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion:146 Resp: 750576
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 64.8 32.4 97.0

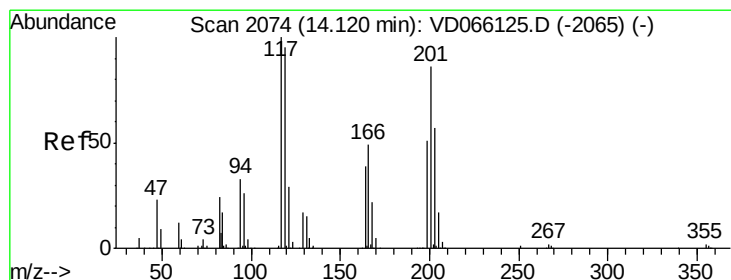
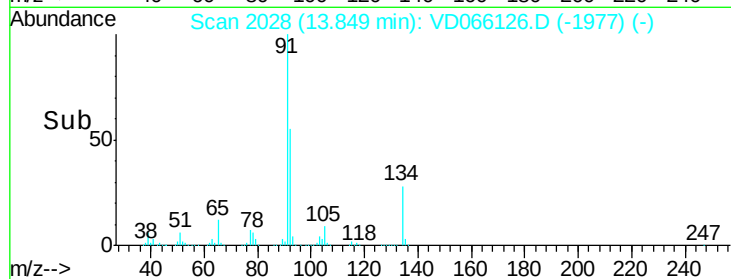
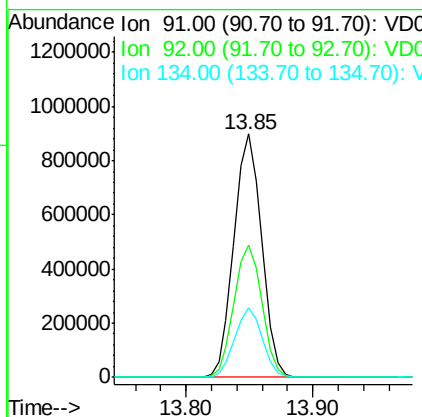
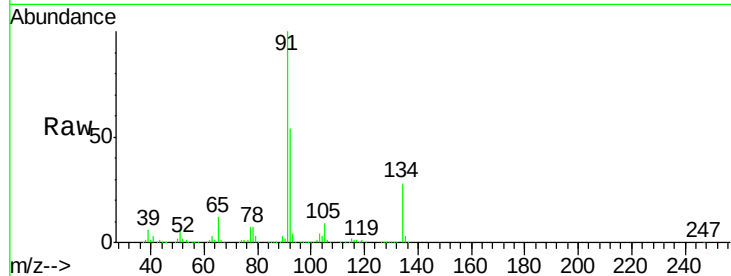




#89
n-Butylbenzene
Concen: 100.300 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

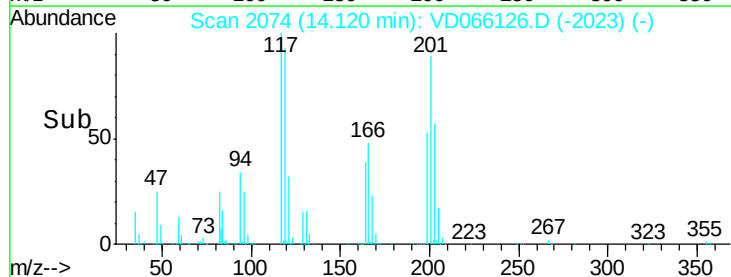
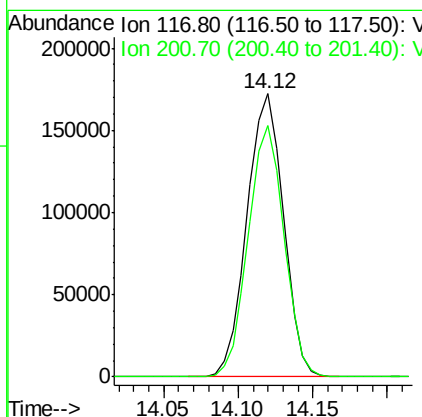
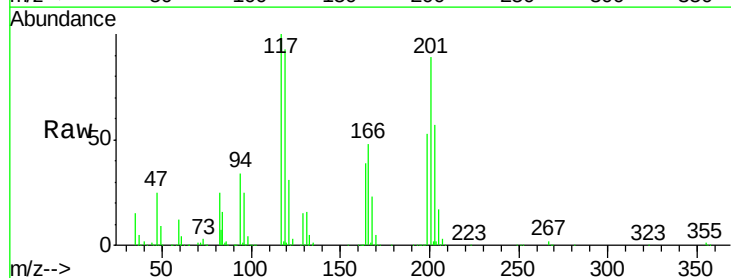
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

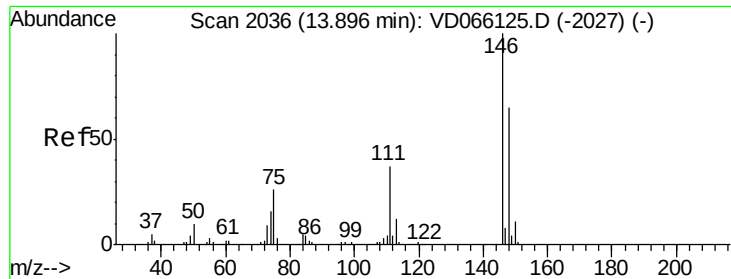
Tgt Ion: 91 Resp: 1357801
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.3
134 28.2 14.0 41.9



#90
Hexachloroethane
Concen: 95.539 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 117 Resp: 291355
Ion Ratio Lower Upper
117 100
201 87.4 42.7 128.1

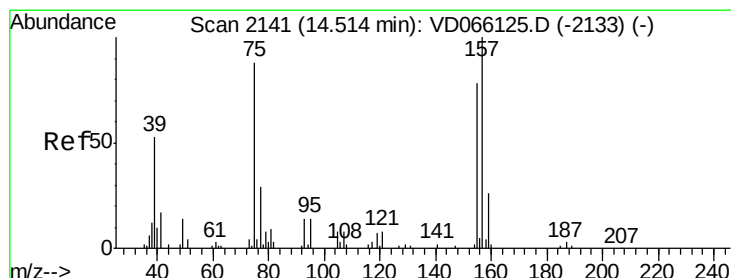
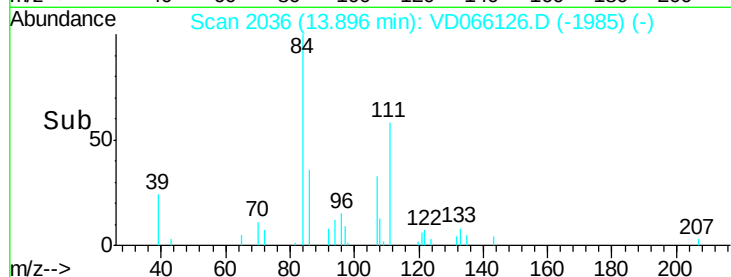
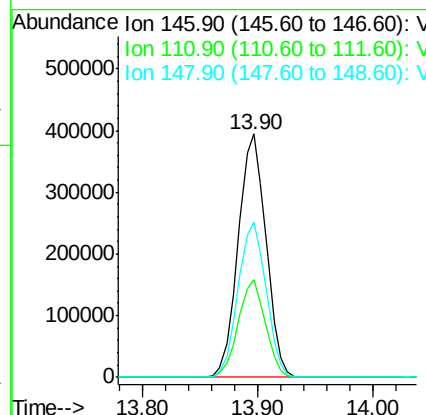
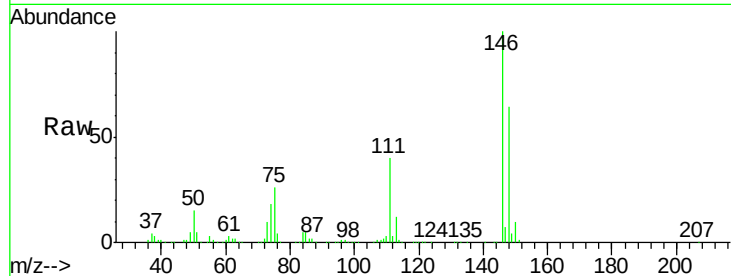




#91
 1,2-Dichlorobenzene
 Concen: 92.625 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

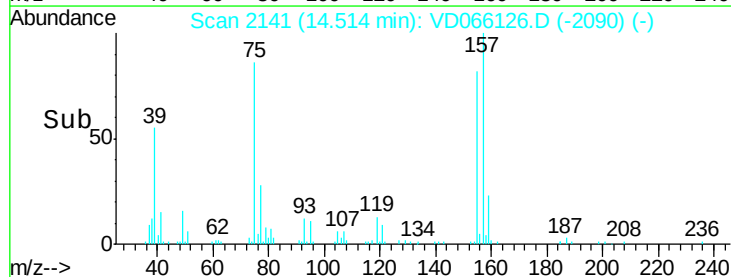
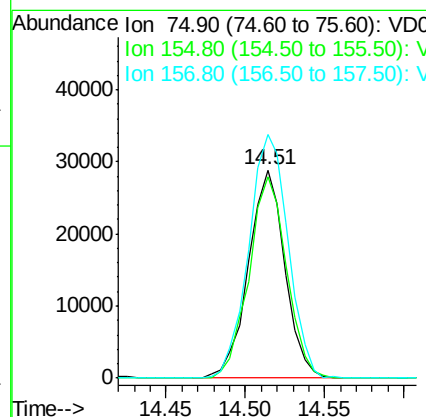
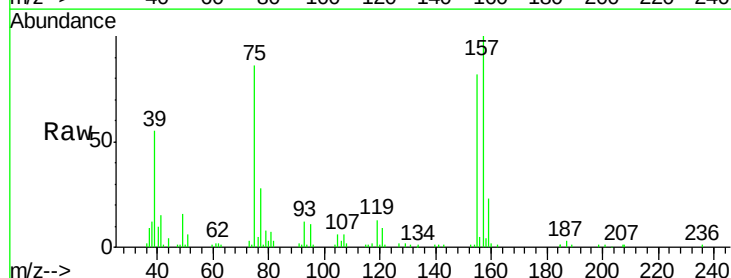
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

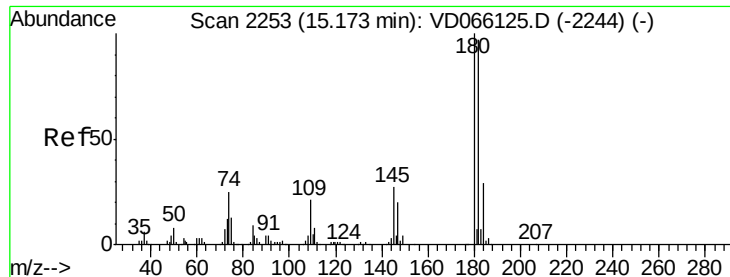
Tgt Ion:146 Resp: 658659
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.8 56.3
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.800 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 75 Resp: 46153
 Ion Ratio Lower Upper
 75 100
 155 99.1 47.7 143.1
 157 126.1 62.1 186.2

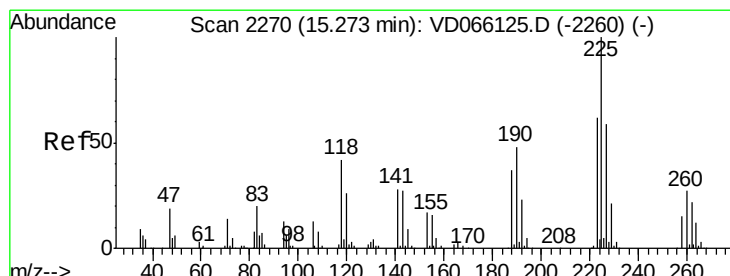
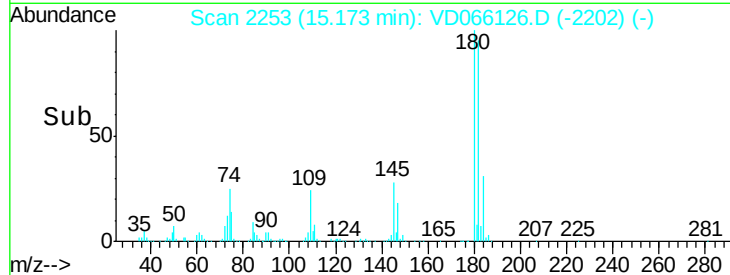
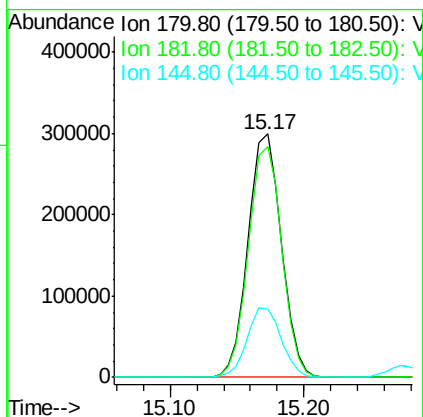
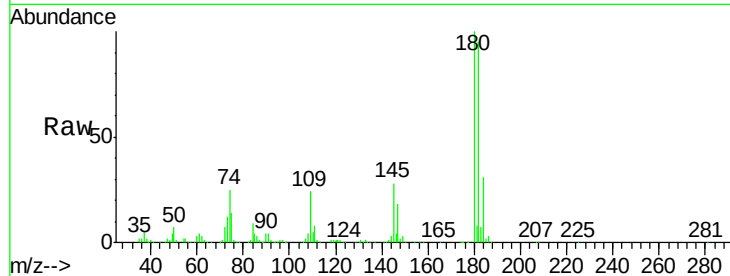




#93
 1,2,4-Trichlorobenzene
 Concen: 101.073 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

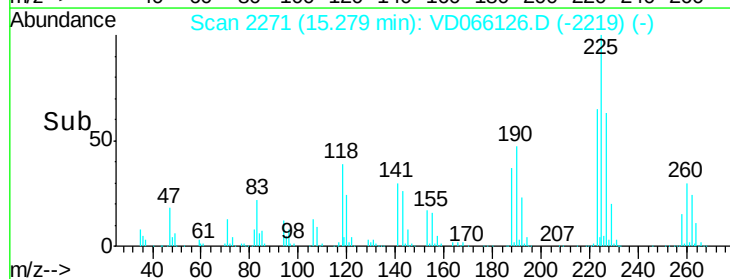
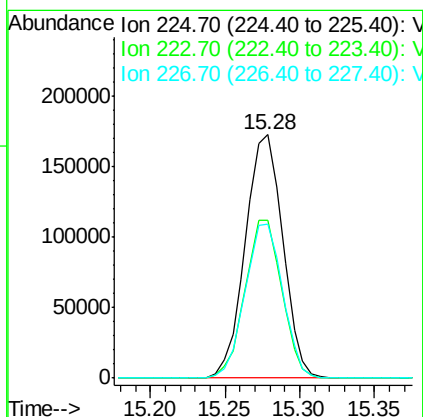
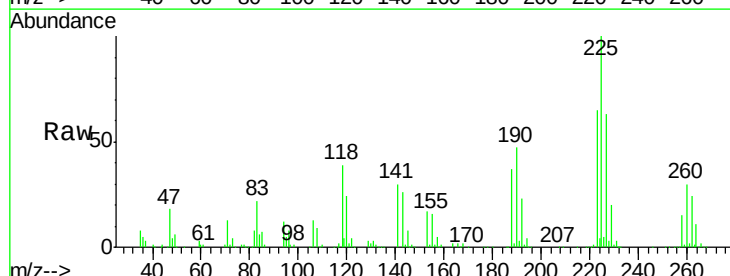
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

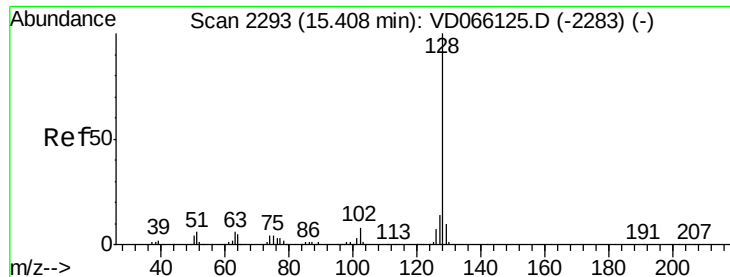
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	29.4	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 99.037 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.3	96.9
227	63.2	32.1	96.5

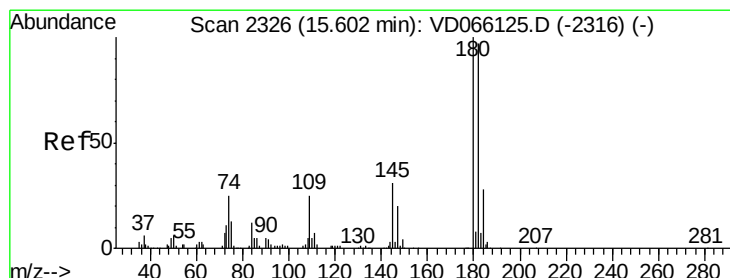
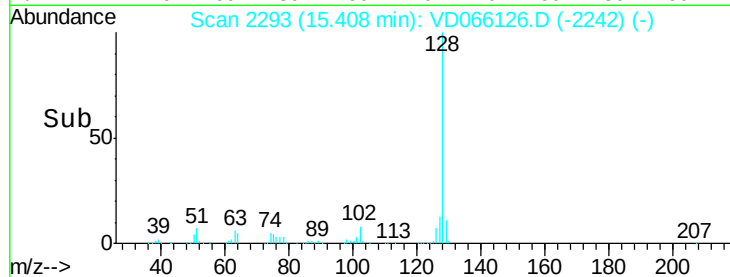
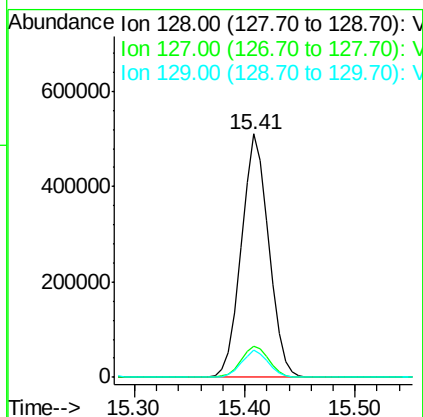
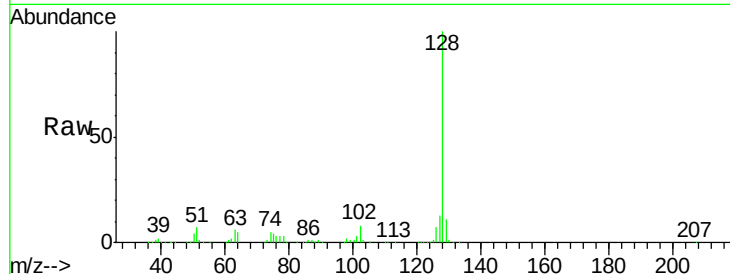




#95
Naphthalene
Concen: 110.560 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 100.080 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.4
145	31.2	14.9	44.9

