

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066127.D
 Acq On : 05 Aug 2020 12:54
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 05 13:37:02 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	7.98	168	343055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	510456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	470023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	462513	150.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.62%	
35) Dibromofluoromethane	7.91	113	470132	144.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.12%	
50) Toluene-d8	10.34	98	1795678	150.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.38%	
62) 4-Bromofluorobenzene	12.64	95	630734	145.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	401613	125.952	ug/l	99
3) Chloromethane	2.20	50	308333	122.889	ug/l	96
4) Vinyl Chloride	2.34	62	293034	136.457	ug/l	99
5) Bromomethane	2.73	94	175134	119.265	ug/l	99
6) Chloroethane	2.90	64	171072	127.887	ug/l #	89
7) Trichlorofluoromethane	3.26	101	756298	135.200	ug/l	96
8) Diethyl Ether	3.70	74	232589	152.363	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	451005	136.342	ug/l	99
10) Methyl Iodide	4.29	142	496460	244.423	ug/l	97
11) Tert butyl alcohol	5.24	59	155690	426.661	ug/l	97
12) 1,1-Dichloroethene	4.06	96	433480	139.623	ug/l	97
13) Acrolein	3.92	56	177857	717.497	ug/l	100
14) Allyl chloride	4.70	41	666958	143.133	ug/l	100
15) Acrylonitrile	5.41	53	484989	755.583	ug/l	99
16) Acetone	4.15	43	415363	704.337	ug/l	100
17) Carbon Disulfide	4.40	76	1362677	137.874	ug/l	99
18) Methyl Acetate	4.71	43	207255	137.027	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	1043858	150.081	ug/l	99
20) Methylene Chloride	4.96	84	468349	107.676	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	493587	138.119	ug/l	94
22) Diisopropyl ether	6.36	45	1319729	143.311	ug/l	97
23) Vinyl Acetate	6.30	43	3953858	741.906	ug/l	99
24) 1,1-Dichloroethane	6.26	63	801305	139.480	ug/l	99
25) 2-Butanone	7.21	43	607994	696.872	ug/l	96
26) 2,2-Dichloropropane	7.20	77	682051	129.690	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	525234	142.023	ug/l	99
28) Bromochloromethane	7.54	49	287621	143.253	ug/l	98
29) Tetrahydrofuran	7.56	42	391630	738.498	ug/l	100
30) Chloroform	7.71	83	835143	138.124	ug/l	95
31) Cyclohexane	7.98	56	720400	128.605	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	783194	138.431	ug/l	99
36) 1,1-Dichloropropene	8.11	75	663603	134.688	ug/l	99
37) Ethyl Acetate	7.29	43	276257	144.488	ug/l	98
38) Carbon Tetrachloride	8.09	117	742564	135.568	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	839327	143.558	ug/l	99
40) Benzene	8.34	78	1834522	134.177	ug/l	99
41) Methacrylonitrile	7.53	41	182277	167.303	ug/l	91
42) 1,2-Dichloroethane	8.42	62	552158	138.274	ug/l	100
43) Isopropyl Acetate	8.45	43	556964	149.070	ug/l	99
44) Trichloroethene	9.11	130	566977	138.775	ug/l	97
45) 1,2-Dichloropropane	9.38	63	462788	139.819	ug/l	98
46) Dibromomethane	9.47	93	253676	139.391	ug/l	97
47) Bromodichloromethane	9.66	83	673800	140.017	ug/l	98
48) Methyl methacrylate	9.46	41	269096	136.740	ug/l	91
49) 1,4-Dioxane	9.46	88	65084	2788.499	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	1388151	712.971	ug/l	99
52) Toluene	10.40	92	1231378	137.607	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	662280	146.896	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	777551	147.517	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	357265	134.711	ug/l	96
56) Ethyl methacrylate	10.66	69	474960	156.121	ug/l	99
57) 1,3-Dichloropropane	10.94	76	612864	140.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1055759	762.760	ug/l	100
59) 2-Hexanone	10.98	43	969993	712.440	ug/l	99
60) Dibromochloromethane	11.14	129	506132	139.404	ug/l	99
61) 1,2-Dibromoethane	11.24	107	356990	141.954	ug/l	99
64) Tetrachloroethene	10.87	164	505196	137.131	ug/l	98
65) Chlorobenzene	11.67	112	1342819	137.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	514318	134.109	ug/l	99
67) Ethyl Benzene	11.74	91	2363599	141.184	ug/l	97
68) m/p-Xylenes	11.86	106	1811566	278.243	ug/l	100
69) o-Xylene	12.18	106	837853	143.019	ug/l	99
70) Styrene	12.20	104	1465179	141.973	ug/l	99
71) Bromoform	12.36	173	313522	138.950	ug/l #	100
73) Isopropylbenzene	12.48	105	2318906	144.142	ug/l	99
74) N-amyl acetate	12.29	43	545820	157.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	386298	138.465	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	508213	256.811	ug/l #	100
77) Bromobenzene	12.76	156	588414	140.870	ug/l	98
78) n-propylbenzene	12.83	91	2675840	142.393	ug/l	100
79) 2-Chlorotoluene	12.91	91	1527927	141.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1934385	143.541	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	134217	148.498	ug/l	99
82) 4-Chlorotoluene	13.01	91	1601203	140.274	ug/l	99
83) tert-Butylbenzene	13.23	119	1712545	145.174	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1914879	141.292	ug/l	99
85) sec-Butylbenzene	13.41	105	2301457	143.877	ug/l	99
86) p-Isopropyltoluene	13.52	119	2145822	142.631	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	1079956	135.888	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1081191	136.931	ug/l	100
89) n-Butylbenzene	13.85	91	1968943	147.563	ug/l	100
90) Hexachloroethane	14.12	117	433001	144.054	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	964888	137.666	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	67684	142.538	ug/l	94

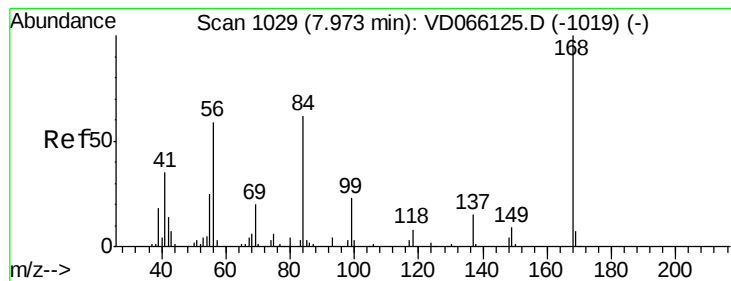
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
Data File : VD066127.D
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	747016	148.505	ug/l	100
94) Hexachlorobutadiene	15.28	225	430252	144.038	ug/l	98
95) Naphthalene	15.41	128	1300118	163.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	655618	147.182	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

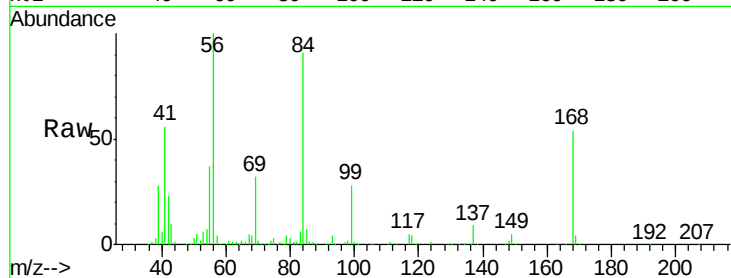
VSTDIC150

Tgt Ion:168 Resp: 343055

Ion Ratio Lower Upper

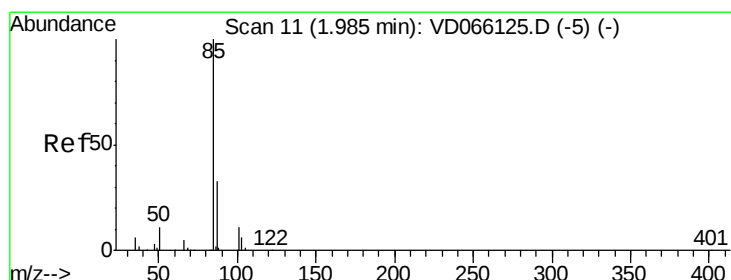
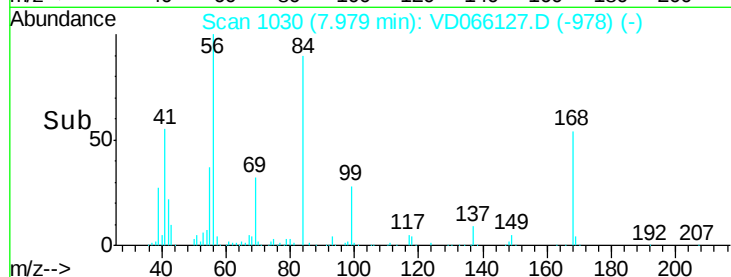
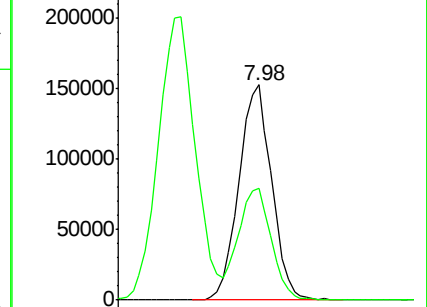
168 100

99 51.3 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: 125.952 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066127.D

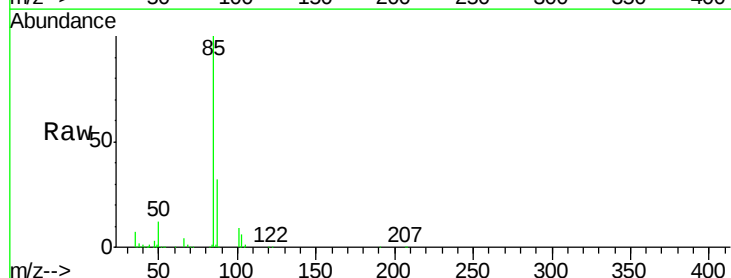
Acq: 05 Aug 2020 12:54

Tgt Ion: 85 Resp: 401613

Ion Ratio Lower Upper

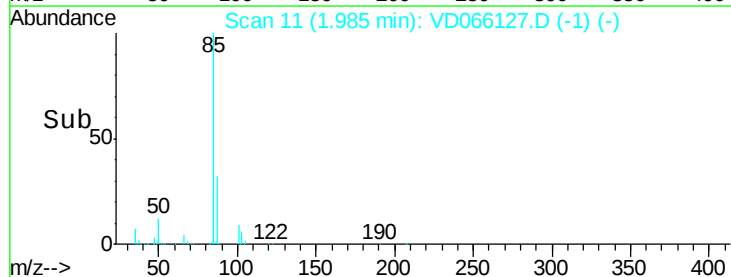
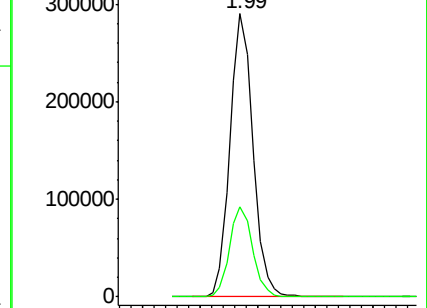
85 100

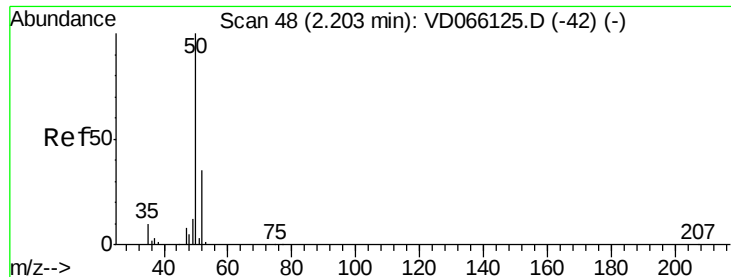
87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 122.889 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

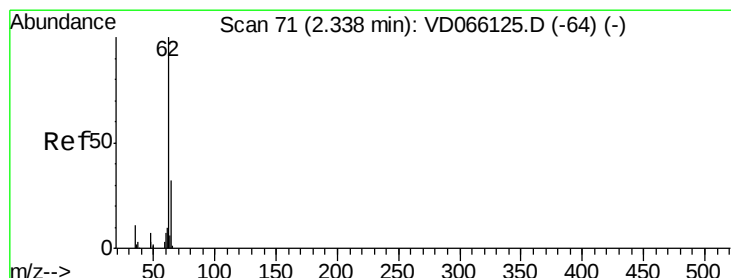
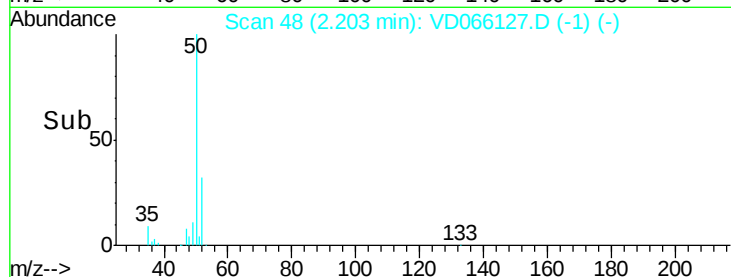
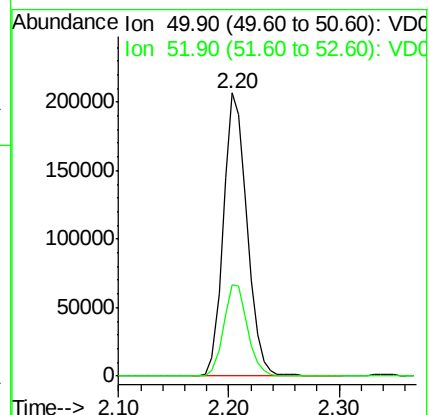
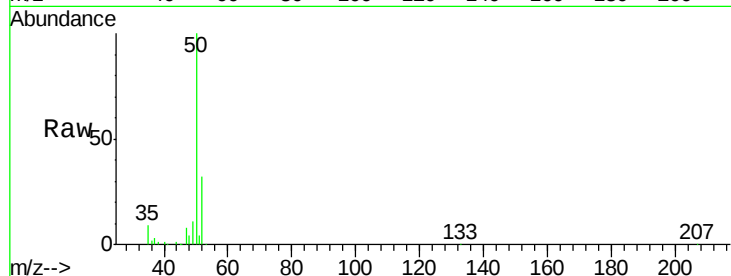
VSTDIC150

Tgt Ion: 50 Resp: 308333

Ion Ratio Lower Upper

50 100

52 32.5 27.9 41.9



#4

Vinyl Chloride

Concen: 136.457 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066127.D

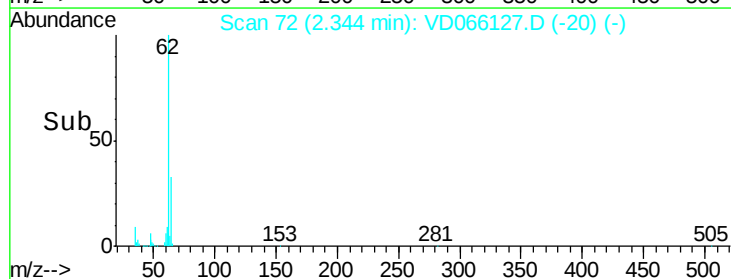
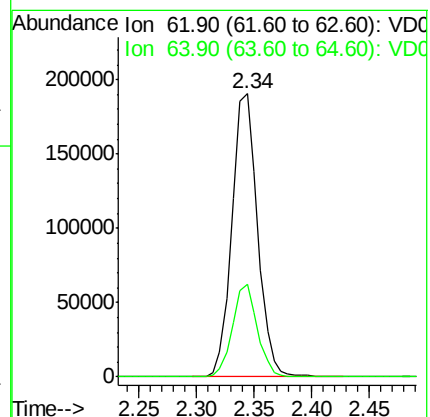
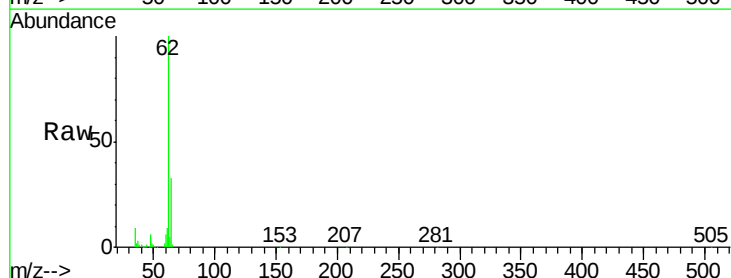
Acq: 05 Aug 2020 12:54

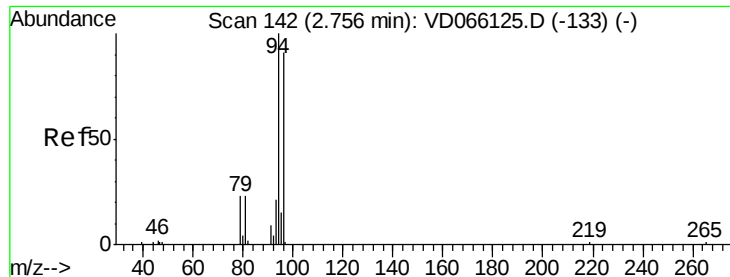
Tgt Ion: 62 Resp: 293034

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 119.265 ug/l

RT: 2.73 min Scan# 138

Delta R.T. -0.02 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

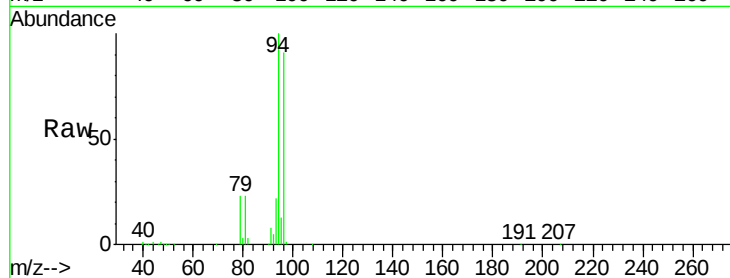
VSTDIC150

Tgt Ion: 94 Resp: 175134

Ion Ratio Lower Upper

94 100

96 91.4 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.73

100000

80000

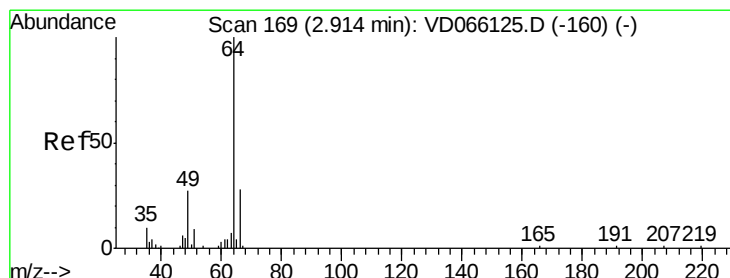
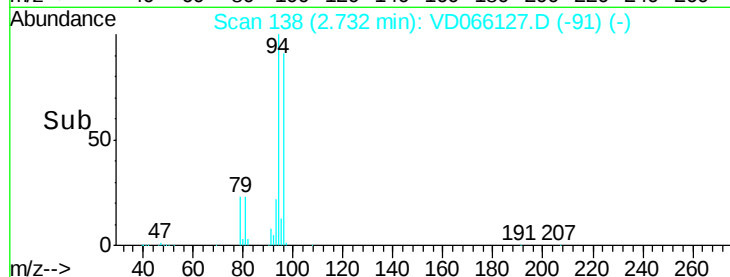
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 127.887 ug/l

RT: 2.90 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD066127.D

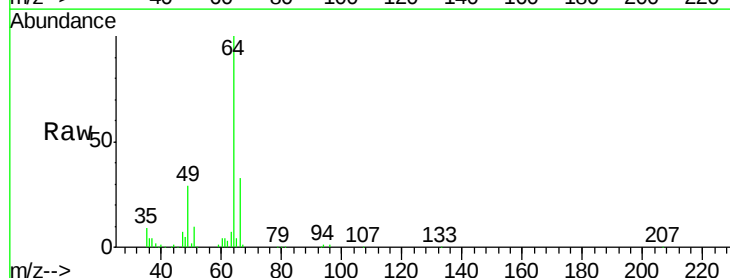
Acq: 05 Aug 2020 12:54

Tgt Ion: 64 Resp: 171072

Ion Ratio Lower Upper

64 100

66 33.2 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.90

80000

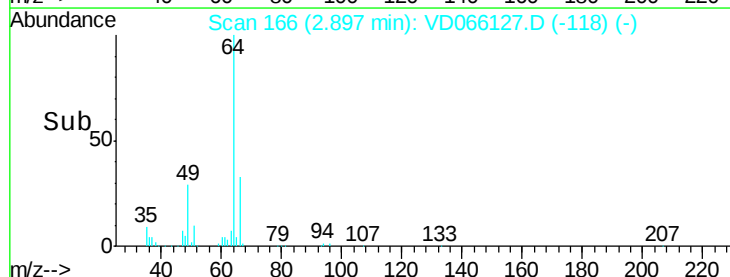
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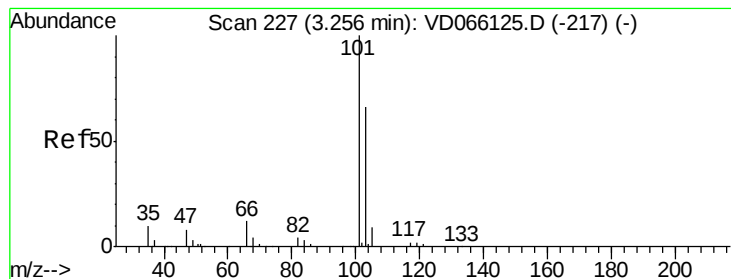
40000

20000

0

Time-->



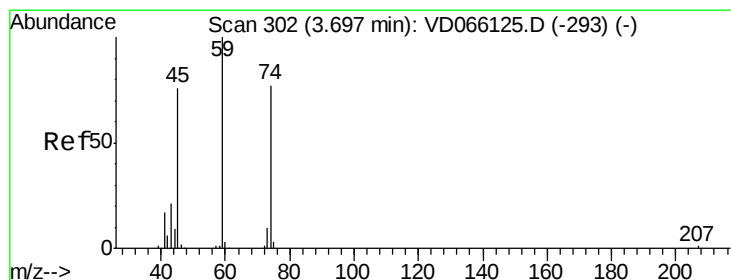
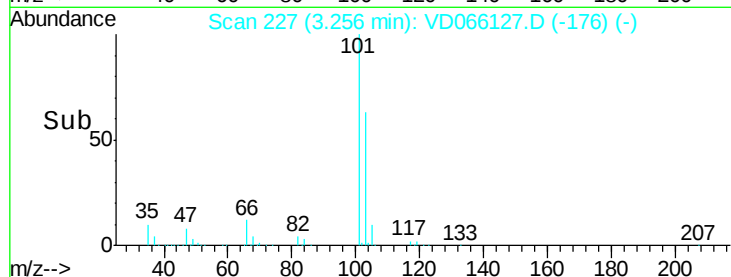
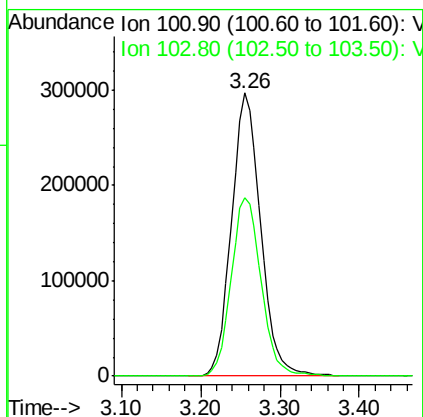
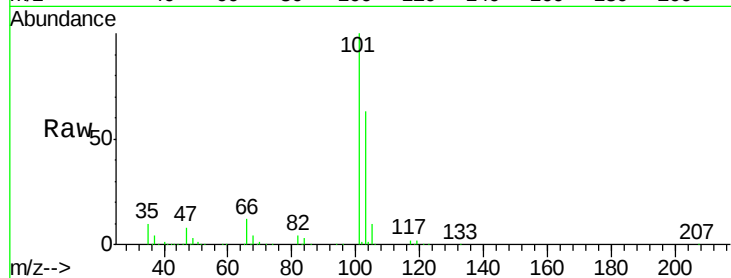


#7

Trichlorofluoromethane
 Concen: 135.200 ug/l
 RT: 3.26 min Scan# 227
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Instrument :
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 VSTDIC150

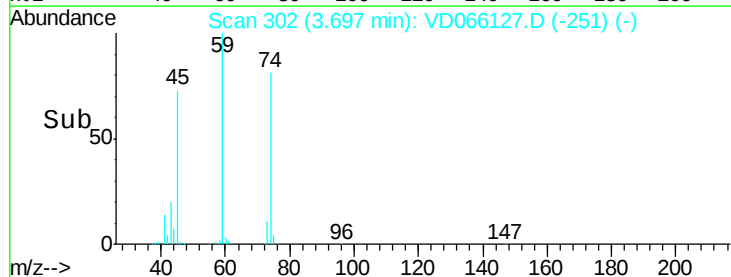
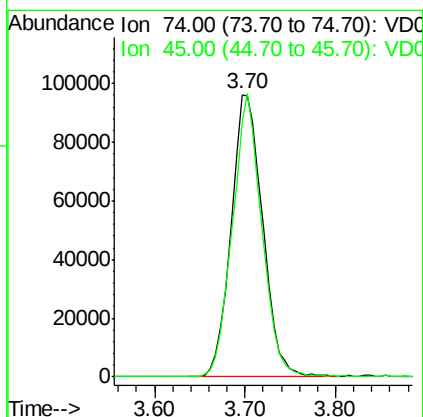
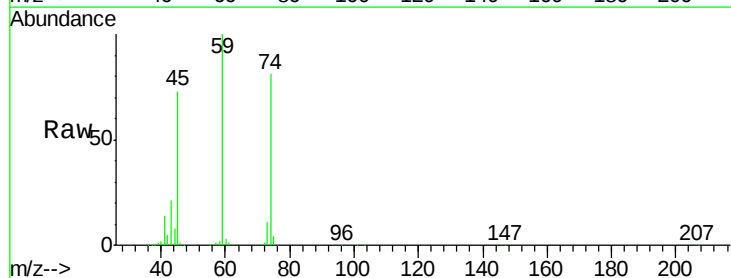
Tgt Ion:101 Resp: 756298
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.0 79.6

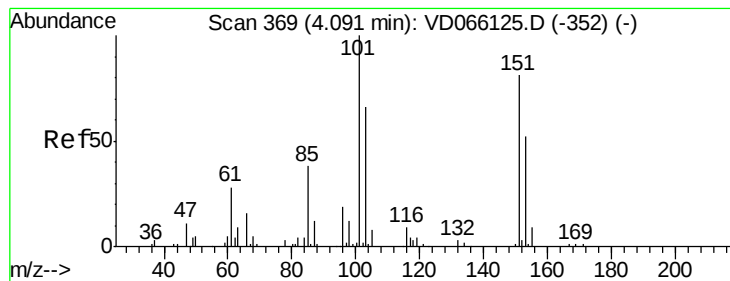


#8

Diethyl Ether
 Concen: 152.363 ug/l
 RT: 3.70 min Scan# 302
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 74 Resp: 232589
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.342 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

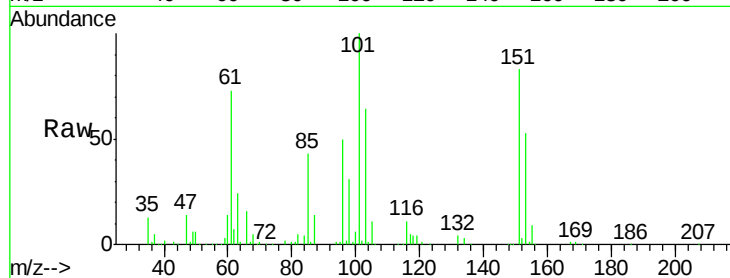
Tgt Ion:101 Resp: 451005

Ion Ratio Lower Upper

101 100

85 42.5 33.5 50.3

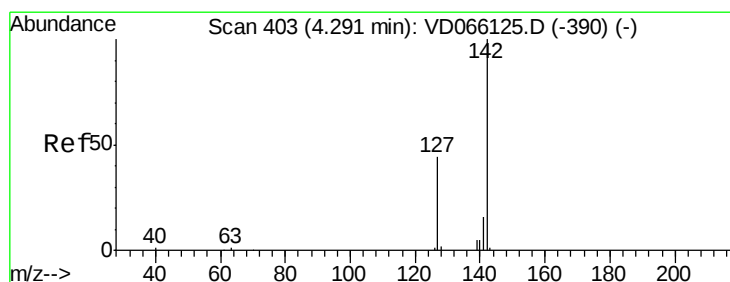
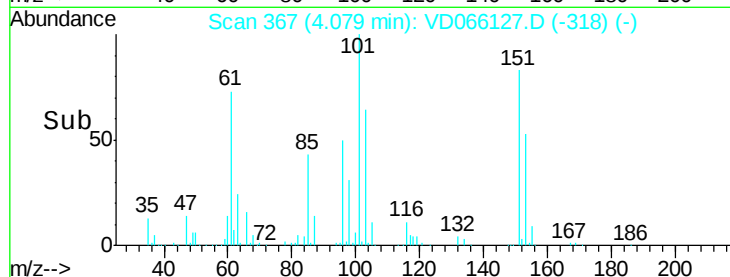
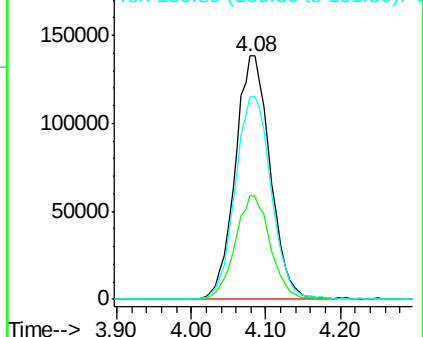
151 85.8 67.8 101.8



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: 244.423 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

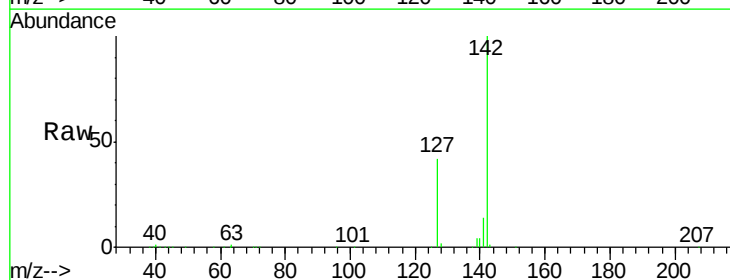
Tgt Ion:142 Resp: 496460

Ion Ratio Lower Upper

142 100

127 43.4 36.2 54.4

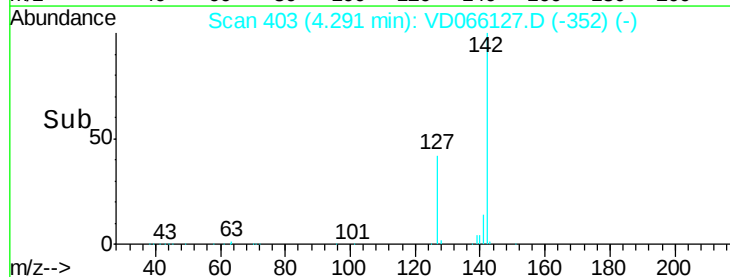
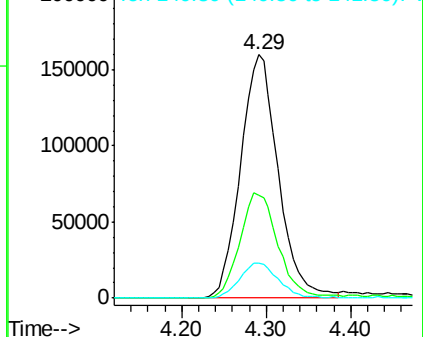
141 14.7 12.6 18.8

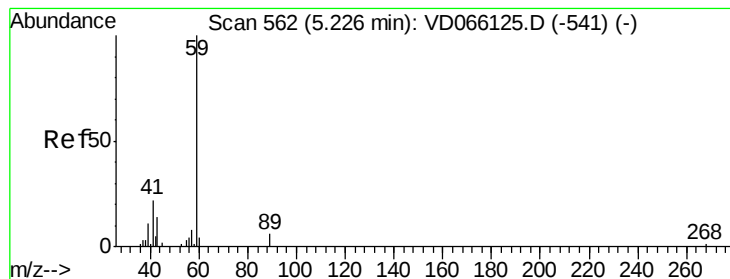


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 426.661 ug/l

RT: 5.24 min Scan# 564

Delta R.T. 0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

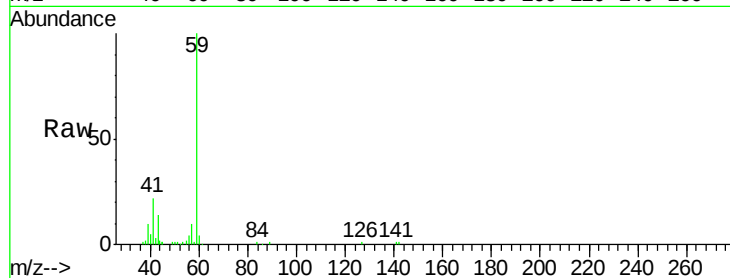
VSTDIC150

Tgt Ion: 59 Resp: 155690

Ion Ratio Lower Upper

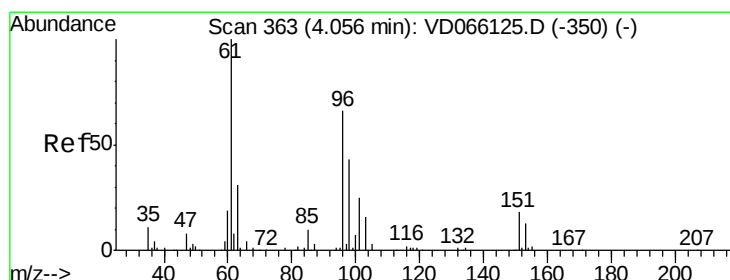
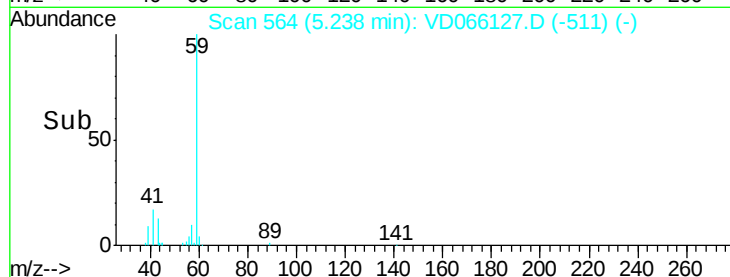
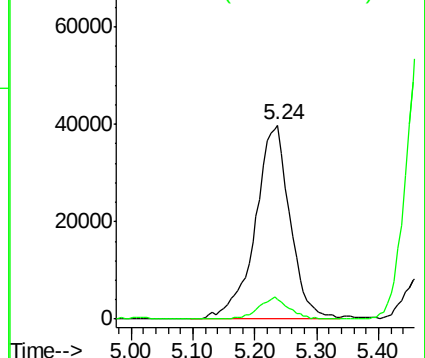
59 100

57 9.7 7.0 10.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 139.623 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

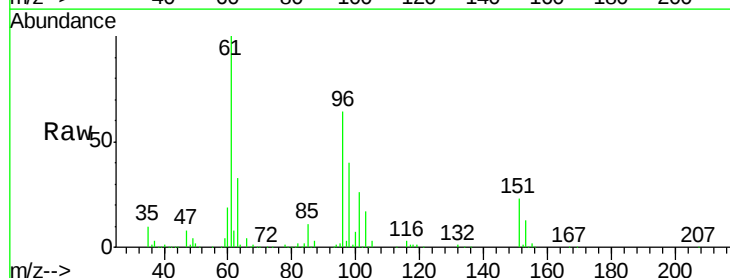
Tgt Ion: 96 Resp: 433480

Ion Ratio Lower Upper

96 100

61 156.9 121.6 182.4

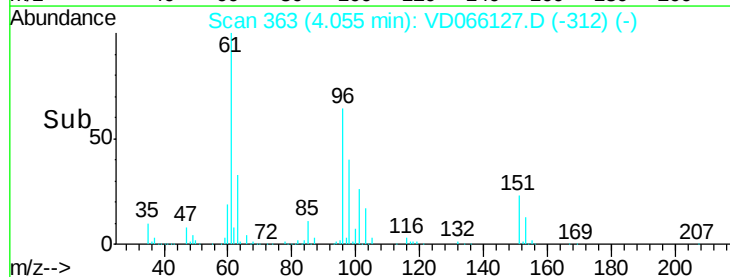
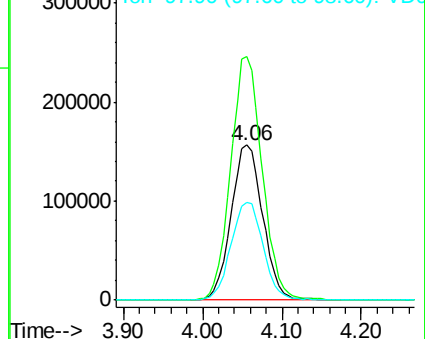
98 63.2 52.0 78.0

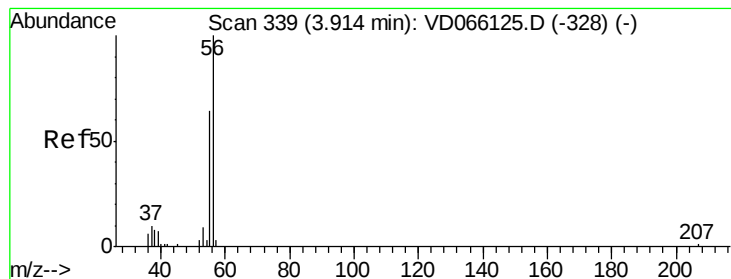


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 717.497 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

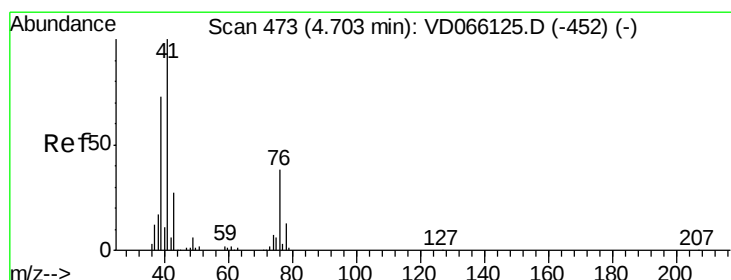
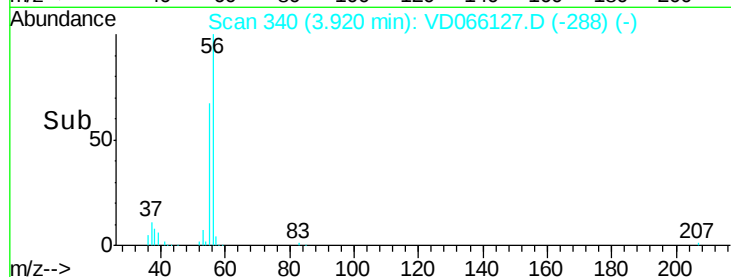
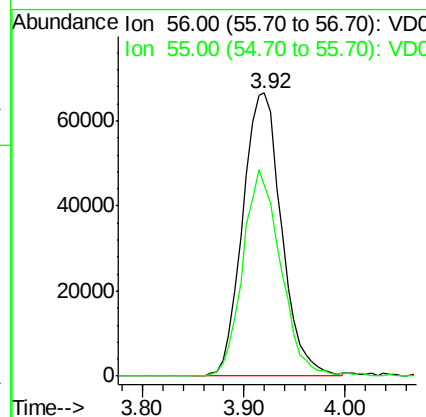
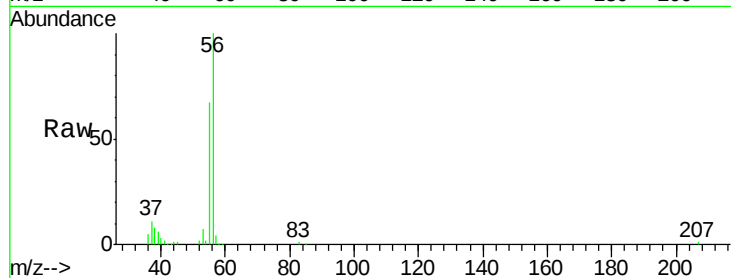
VSTDIC150

Tgt Ion: 56 Resp: 177857

Ion Ratio Lower Upper

56 100

55 71.2 56.7 85.1



#14

Allyl chloride

Concen: 143.133 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

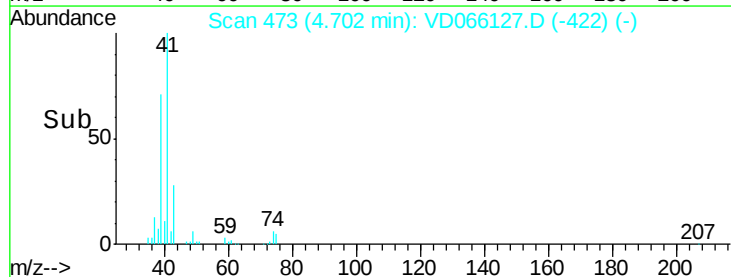
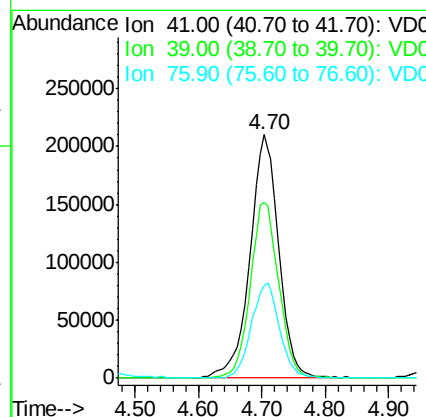
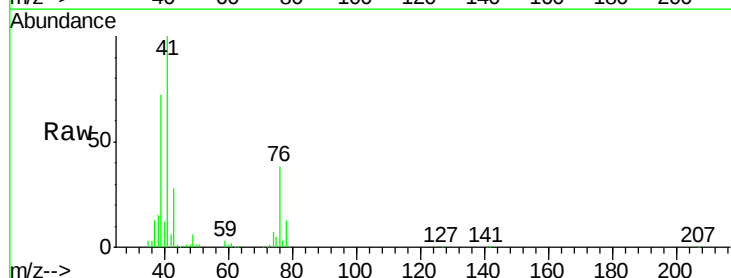
Tgt Ion: 41 Resp: 666958

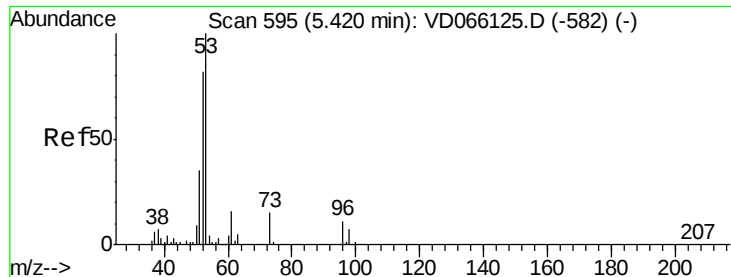
Ion Ratio Lower Upper

41 100

39 71.2 57.4 86.0

76 37.5 30.1 45.1





#15

Acrylonitrile

Concen: 755.583 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

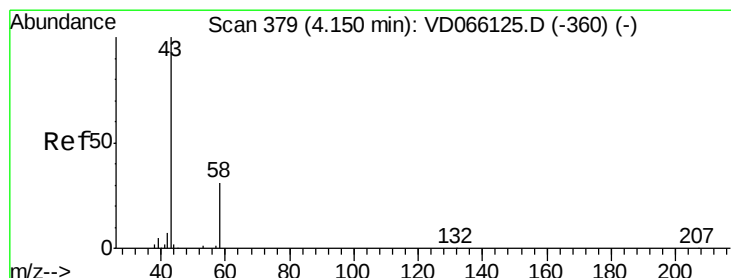
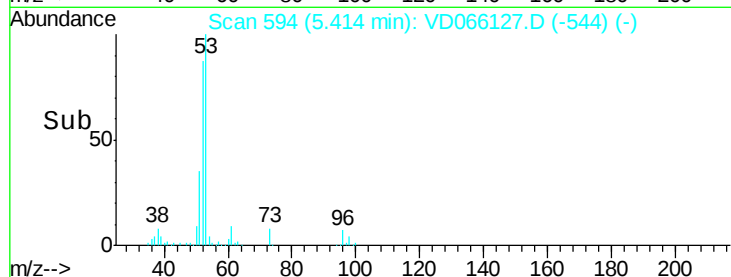
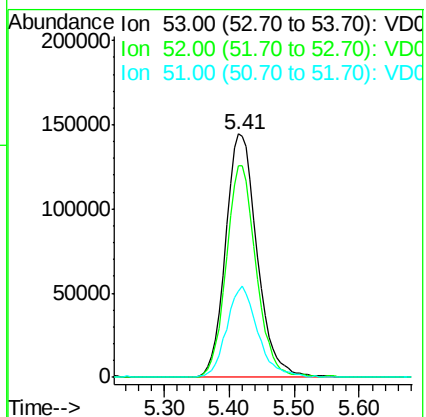
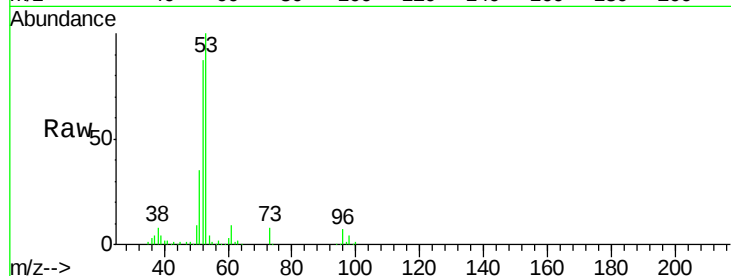
Tgt Ion: 53 Resp: 484989

Ion Ratio Lower Upper

53 100

52 82.4 66.1 99.1

51 37.0 30.8 46.2



#16

Acetone

Concen: 704.337 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.00 min

Lab File: VD066127.D

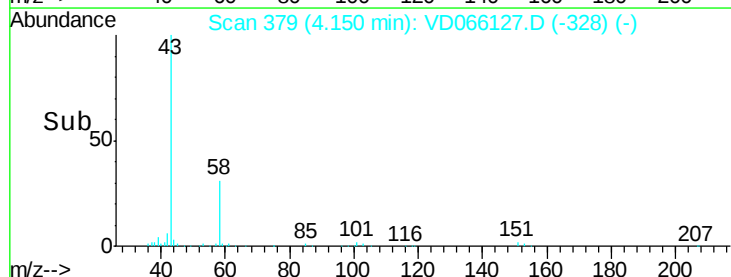
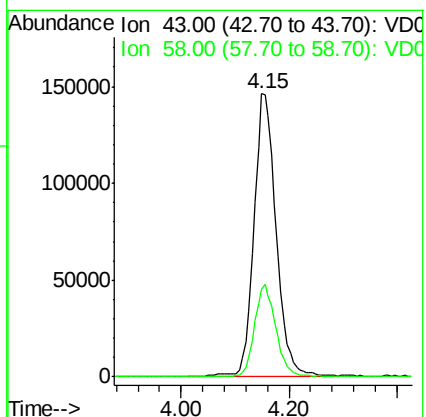
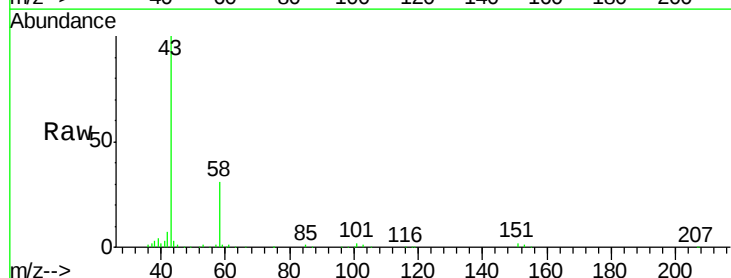
Acq: 05 Aug 2020 12:54

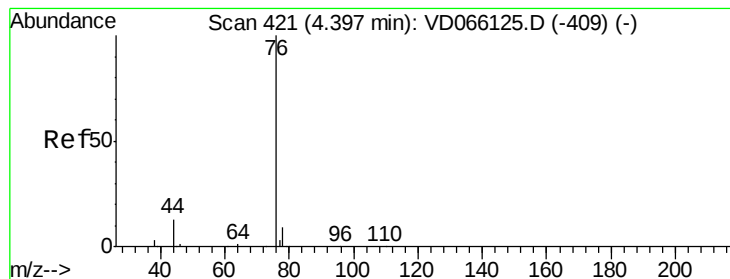
Tgt Ion: 43 Resp: 415363

Ion Ratio Lower Upper

43 100

58 31.1 24.7 37.1





#17

Carbon Disulfide

Concen: 137.874 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

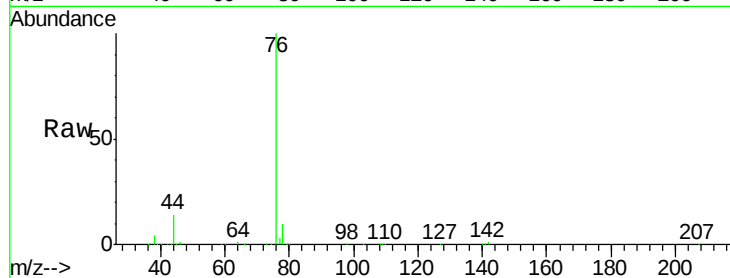
VSTDIC150

Tgt Ion: 76 Resp: 1362677

Ion Ratio Lower Upper

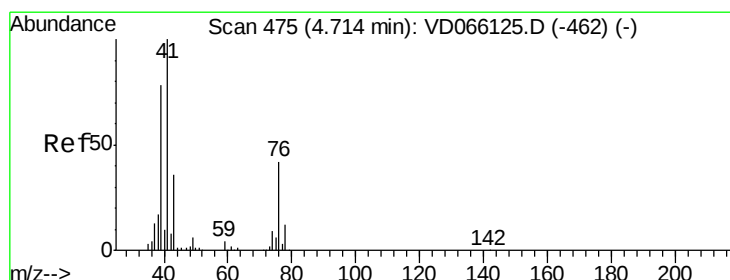
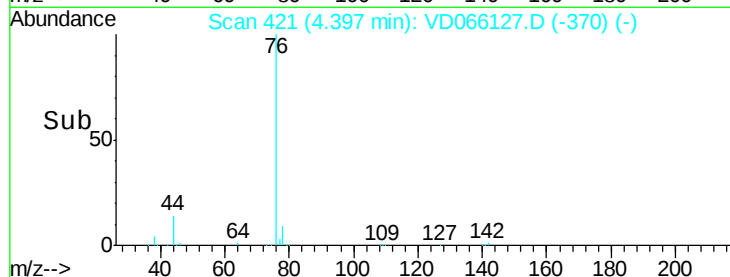
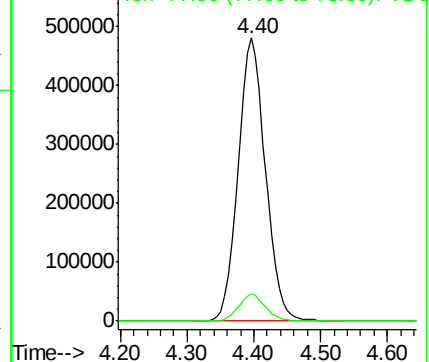
76 100

78 9.7 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: 137.027 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066127.D

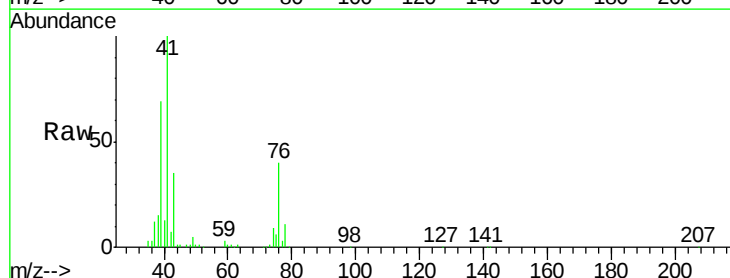
Acq: 05 Aug 2020 12:54

Tgt Ion: 43 Resp: 207255

Ion Ratio Lower Upper

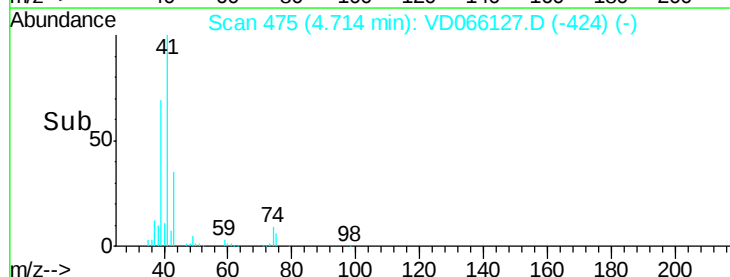
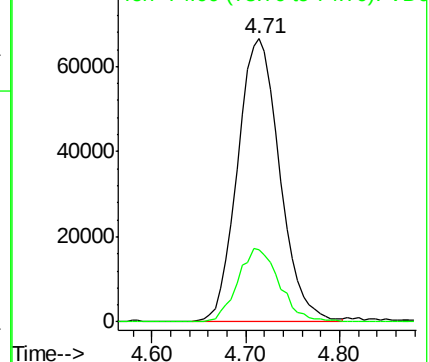
43 100

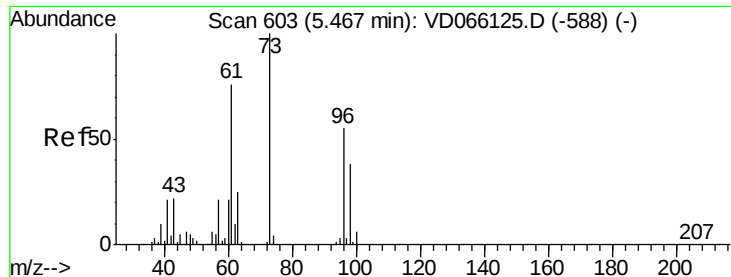
74 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



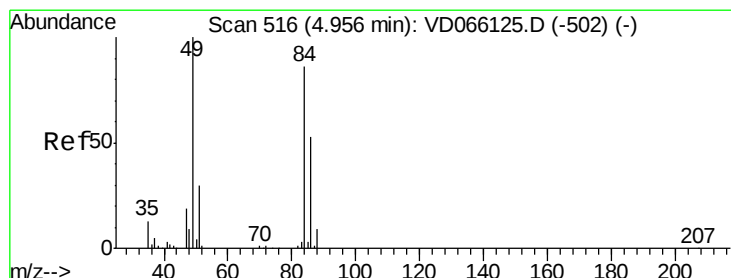
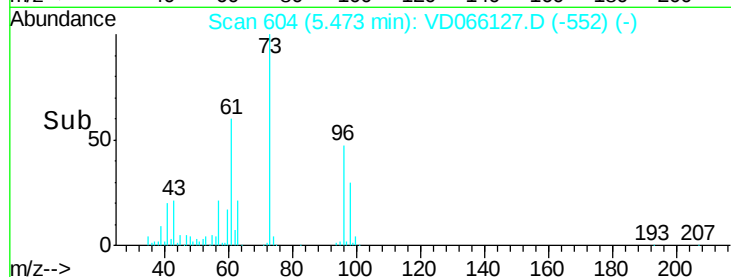
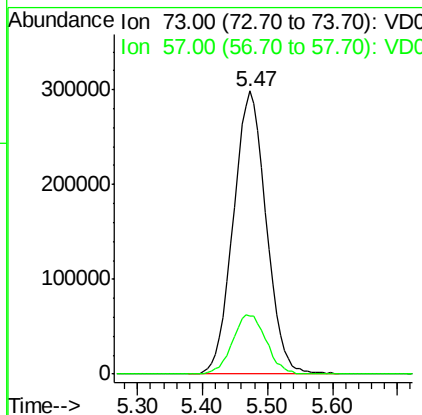
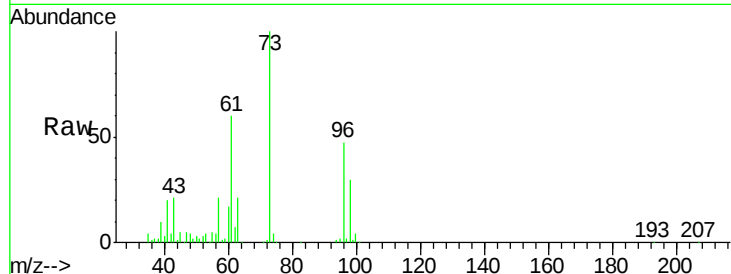


#19

Methyl tert-butyl Ether
 Concen: 150.081 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

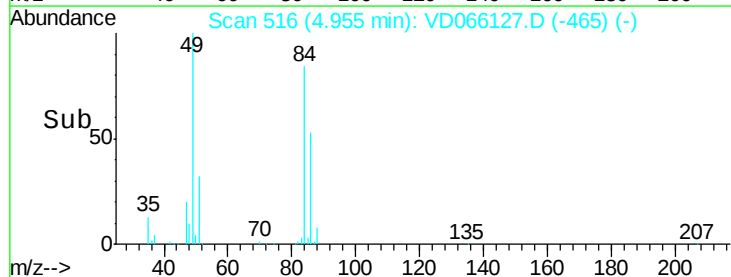
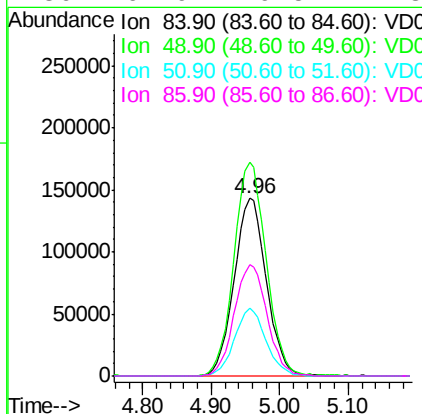
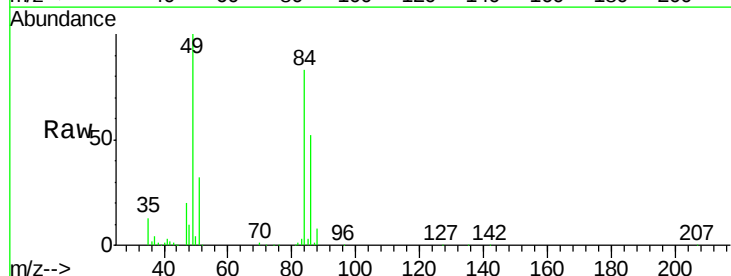
Tgt Ion: 73 Resp: 1043858
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.1 25.7

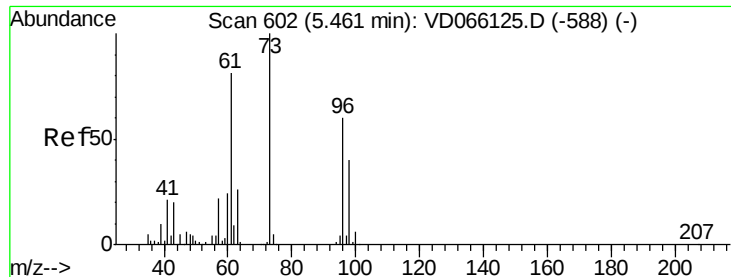


#20

Methylene Chloride
 Concen: 107.676 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 84 Resp: 468349
 Ion Ratio Lower Upper
 84 100
 49 120.4 93.5 140.3
 51 38.1 28.2 42.4
 86 62.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 138.119 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

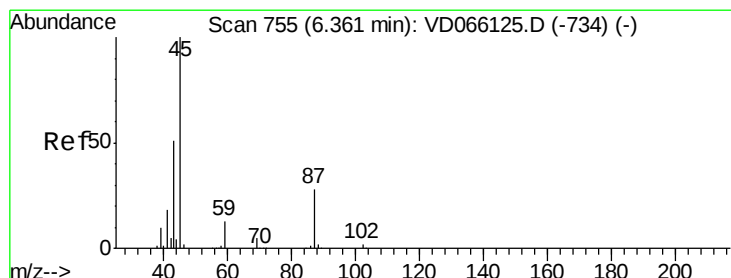
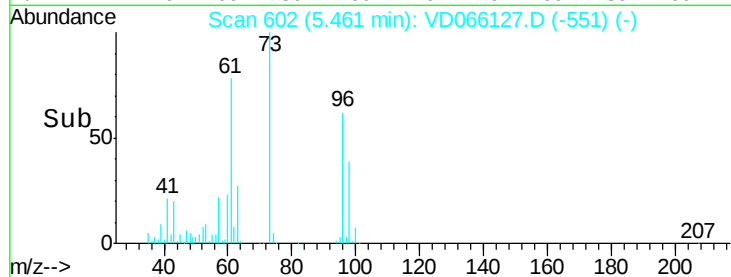
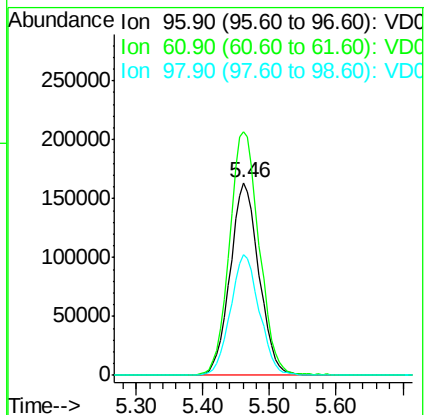
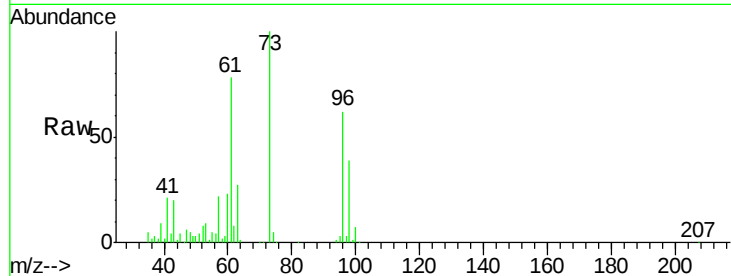
Tgt Ion: 96 Resp: 493587

Ion Ratio Lower Upper

96 100

61 126.5 106.9 160.3

98 62.4 53.4 80.0



#22

Diisopropyl ether

Concen: 143.311 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Tgt Ion: 45 Resp: 1319729

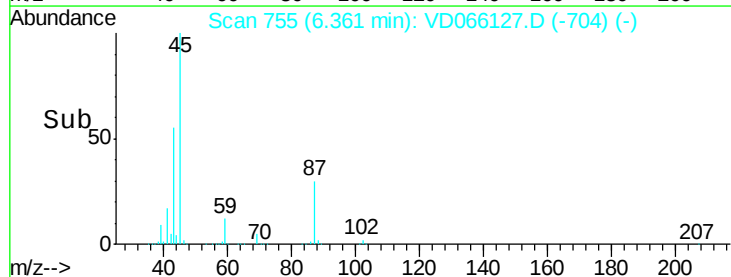
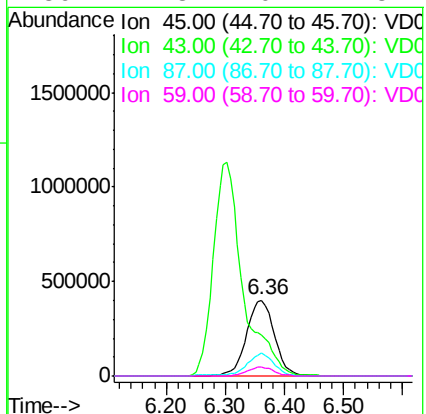
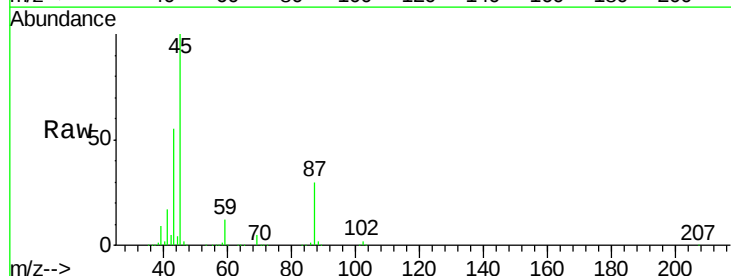
Ion Ratio Lower Upper

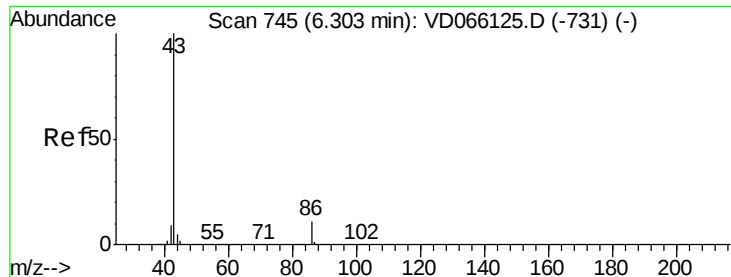
45 100

43 54.1 41.2 61.8

87 30.3 22.8 34.2

59 11.8 10.2 15.2





#23

Vinyl Acetate

Concen: 741.906 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

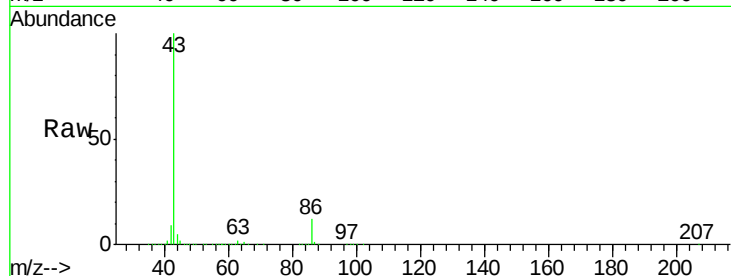
VSTDIC150

Tgt Ion: 43 Resp: 3953858

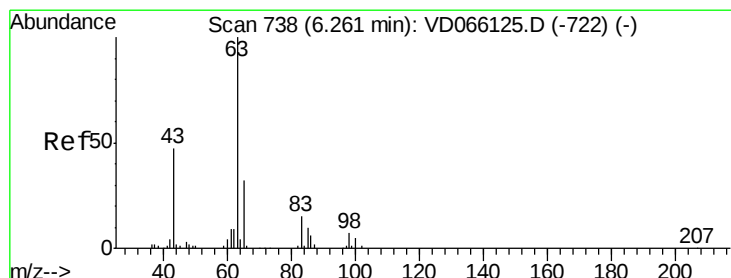
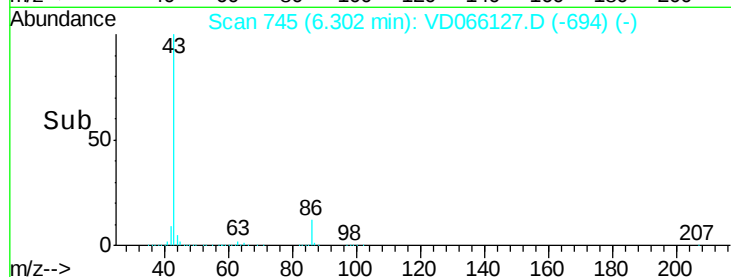
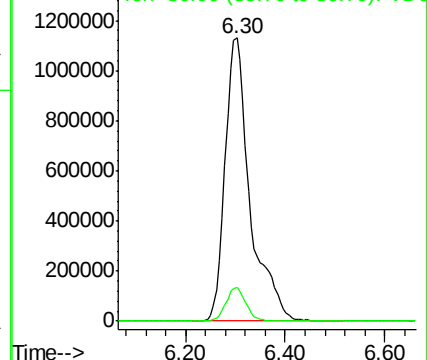
Ion Ratio Lower Upper

43 100

86 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 139.480 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

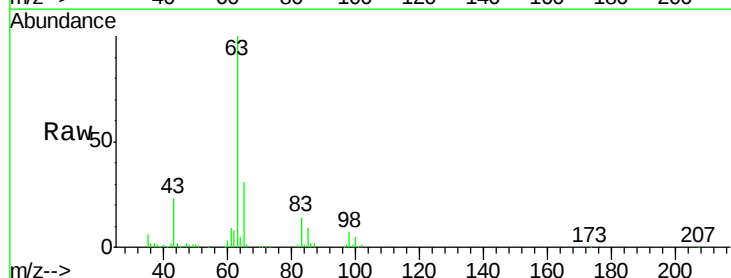
Tgt Ion: 63 Resp: 801305

Ion Ratio Lower Upper

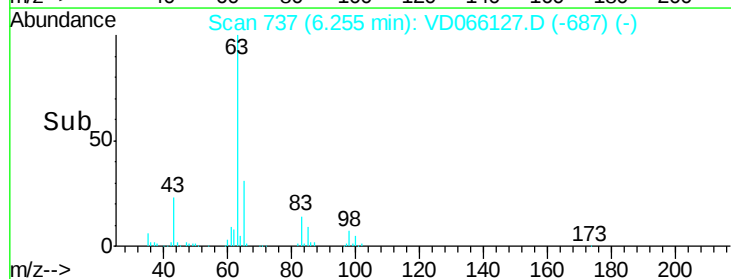
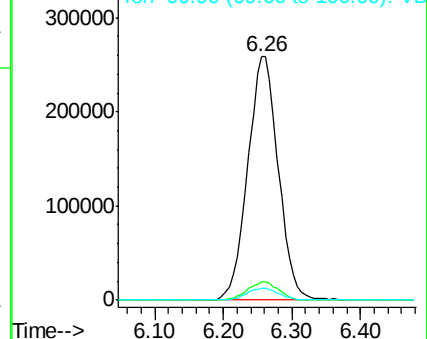
63 100

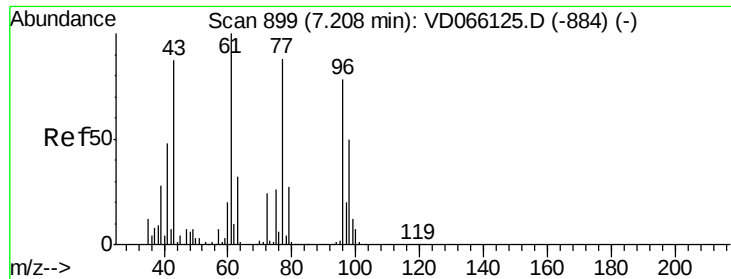
98 7.3 3.5 10.5

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC

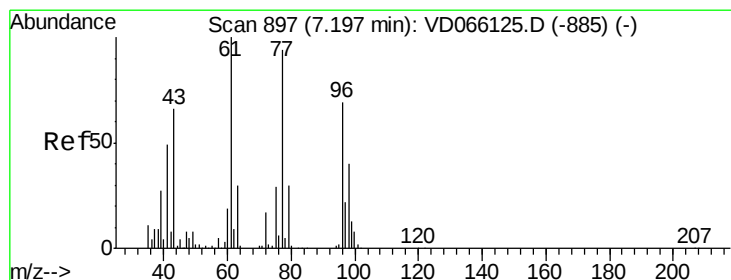
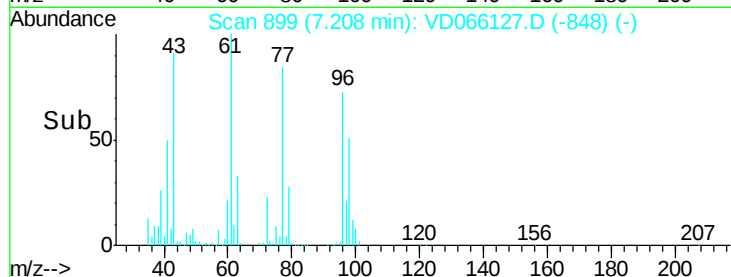
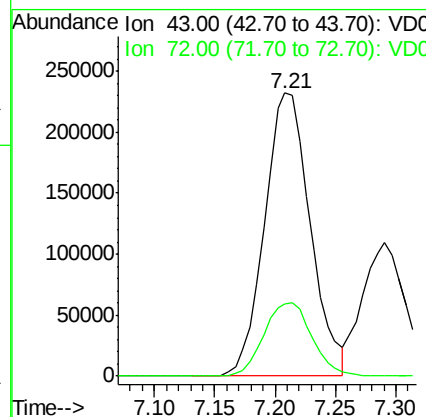
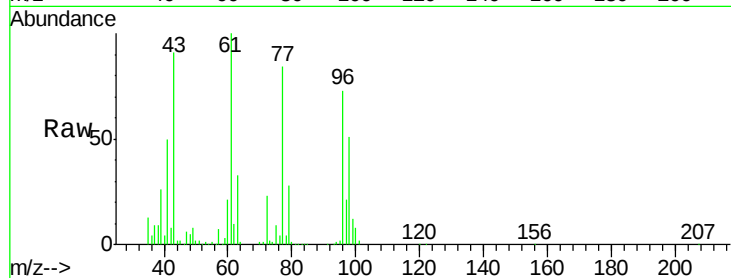




#25
2-Butanone
Concen: 696.872 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

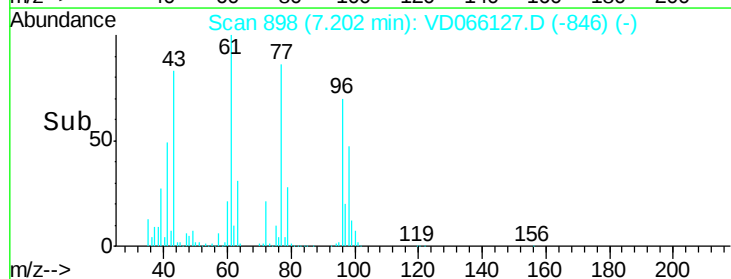
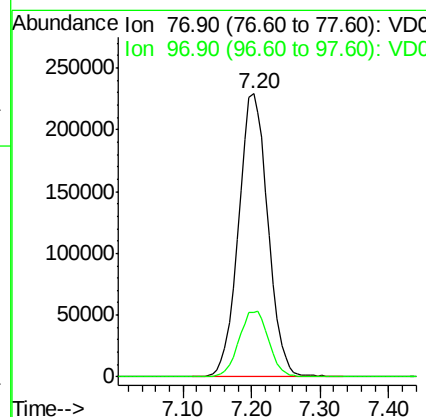
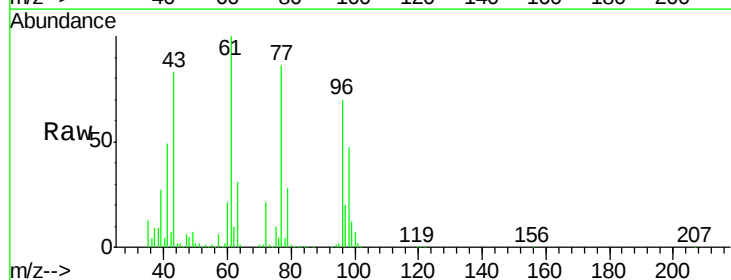
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

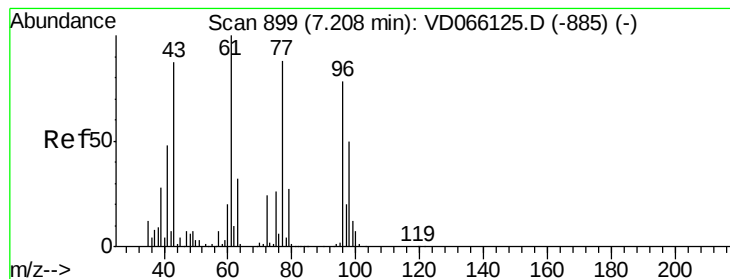
Tgt Ion: 43 Resp: 607994
Ion Ratio Lower Upper
43 100
72 25.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 129.690 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 77 Resp: 682051
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3



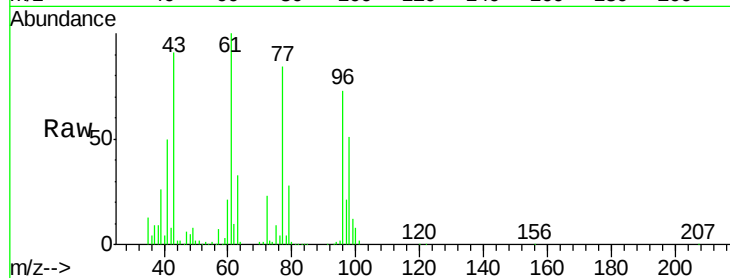


#27

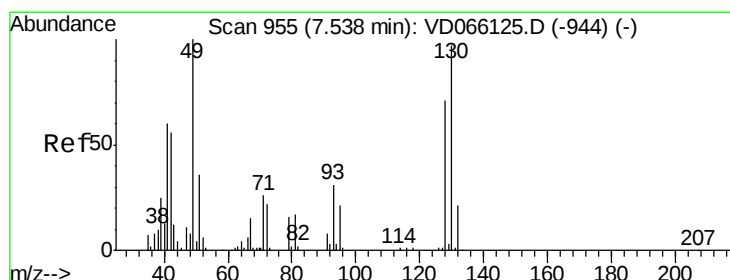
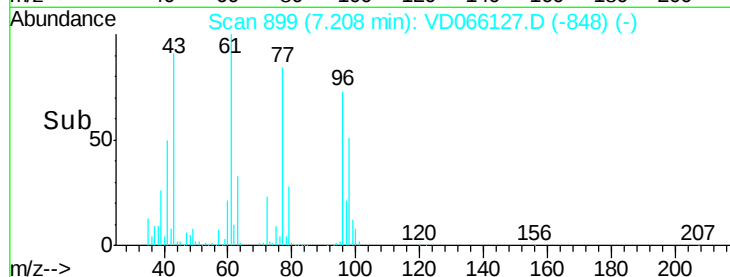
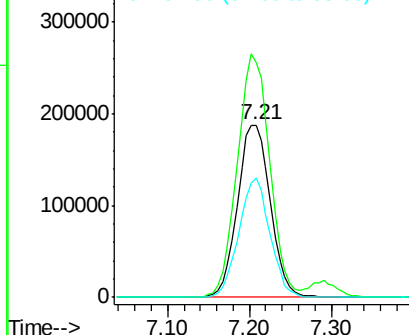
cis-1,2-Dichloroethene
Concen: 142.023 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 525234
Ion Ratio Lower Upper
96 100
61 139.0 0.0 281.6
98 65.5 0.0 130.8



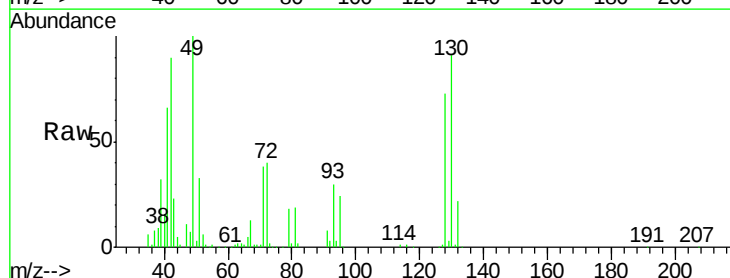
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



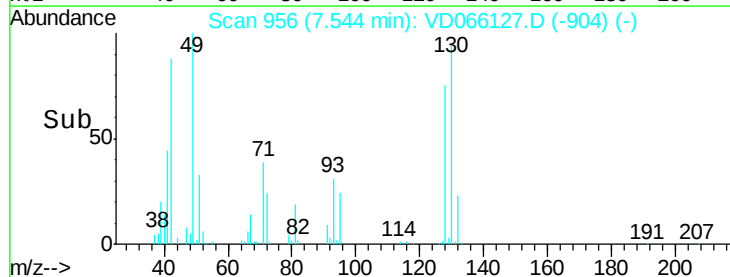
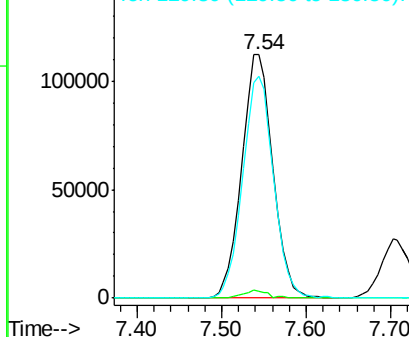
#28

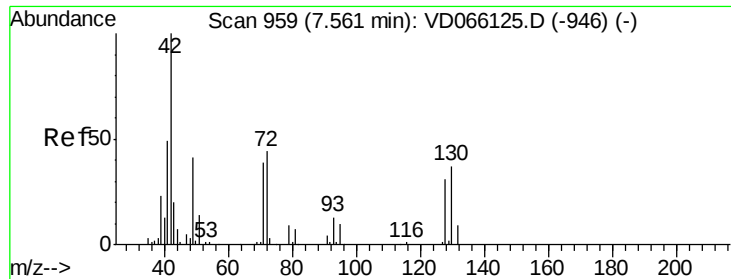
Bromochloromethane
Concen: 143.253 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 49 Resp: 287621
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 90.5 73.8 110.6



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

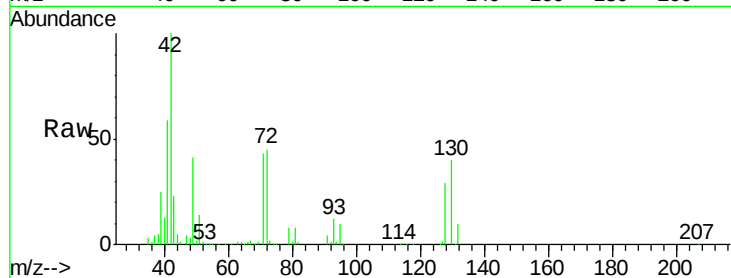




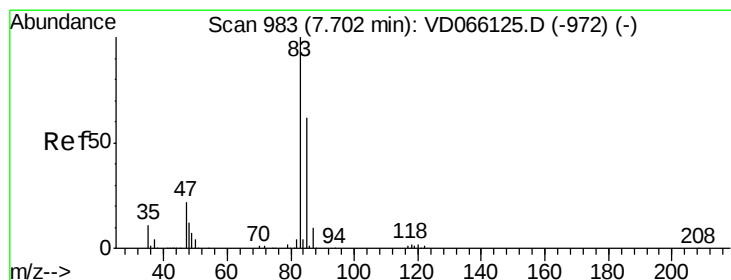
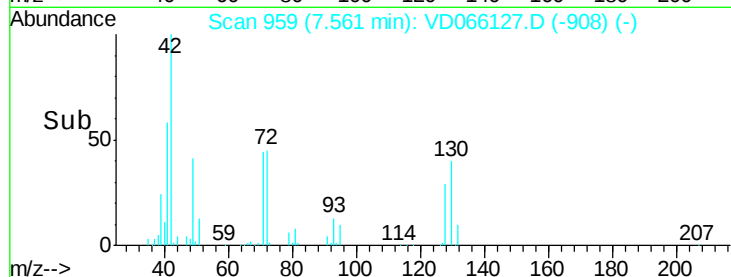
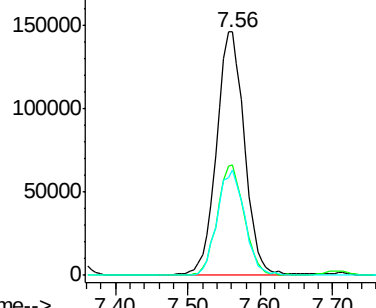
#29
Tetrahydrofuran
Concen: 738.498 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 391630
Ion Ratio Lower Upper
42 100
72 43.6 34.8 52.2
71 42.2 33.5 50.3

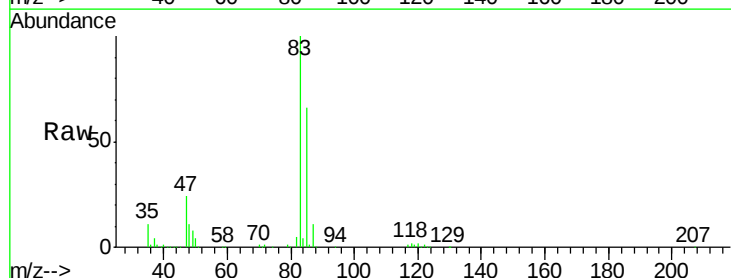


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

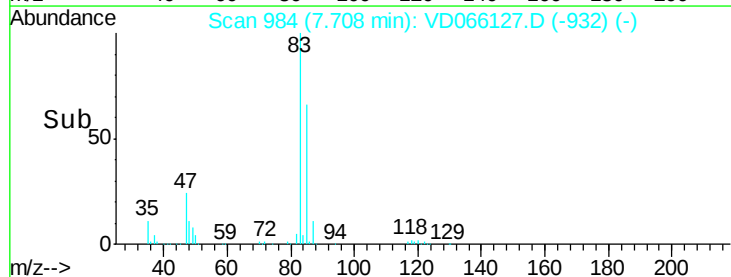
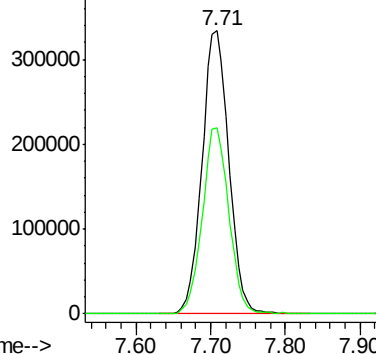


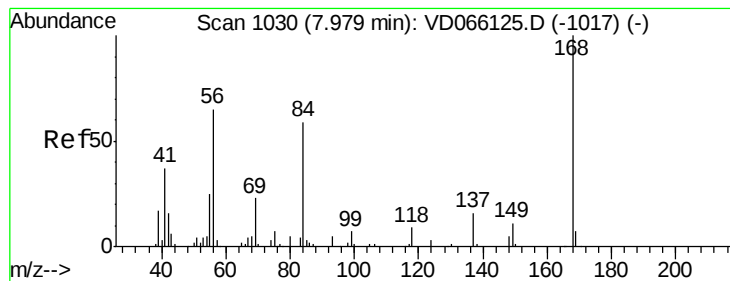
#30
Chloroform
Concen: 138.124 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 83 Resp: 835143
Ion Ratio Lower Upper
83 100
85 65.8 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: 128.605 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

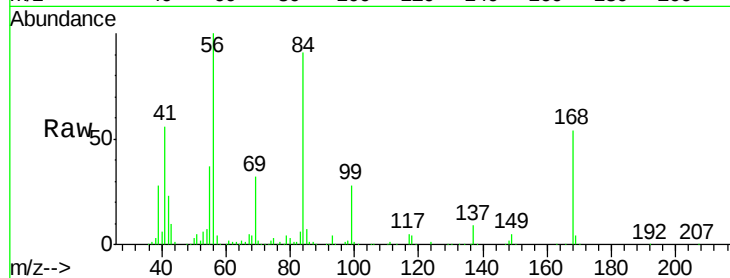
Tgt Ion: 56 Resp: 720400

Ion Ratio Lower Upper

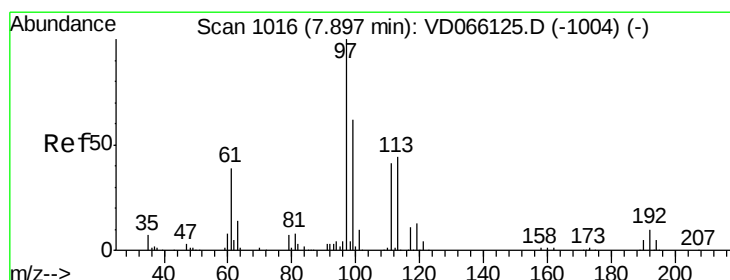
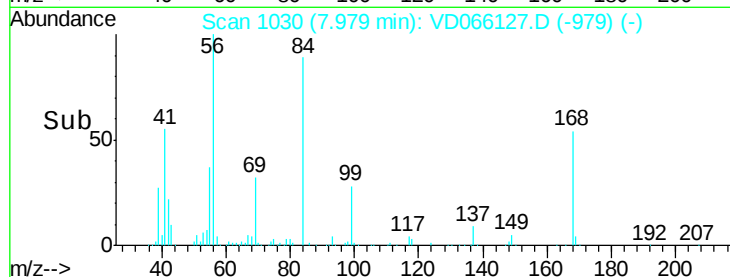
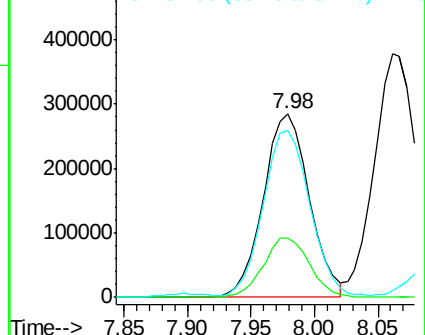
56 100

69 32.4 28.8 43.2

84 89.1 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: 138.431 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

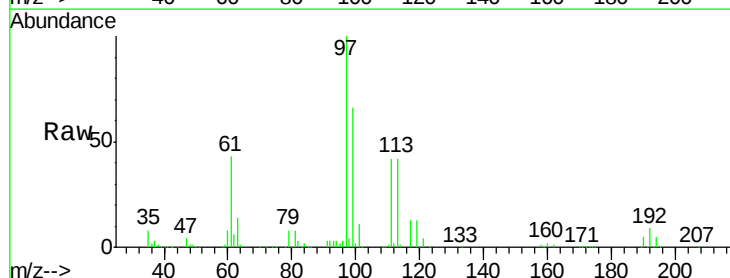
Tgt Ion: 97 Resp: 783194

Ion Ratio Lower Upper

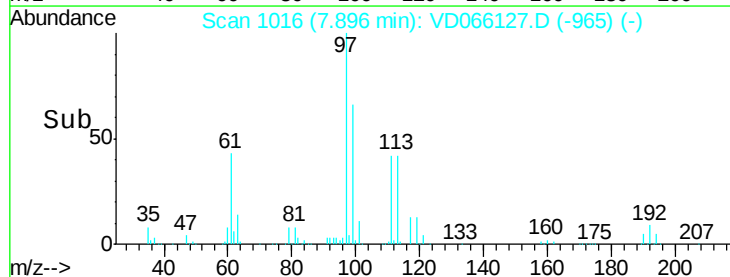
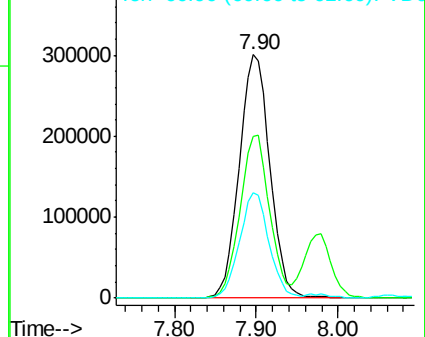
97 100

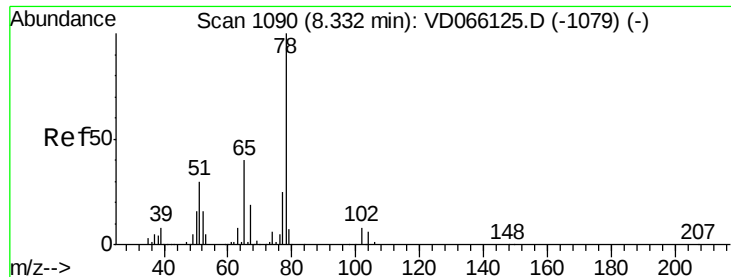
99 65.1 51.1 76.7

61 41.7 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: 150.808 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

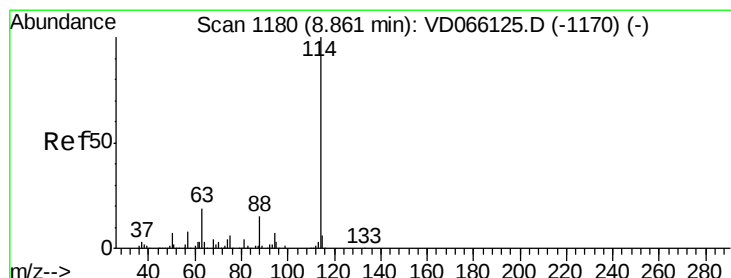
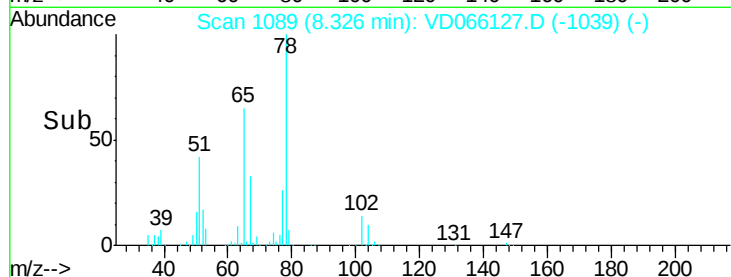
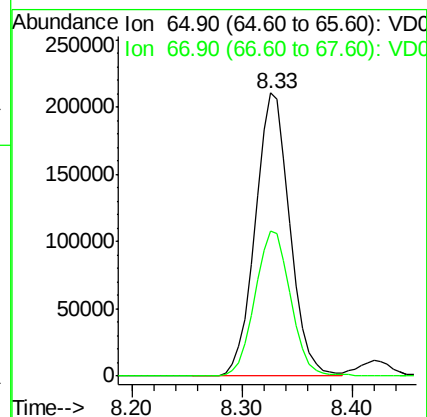
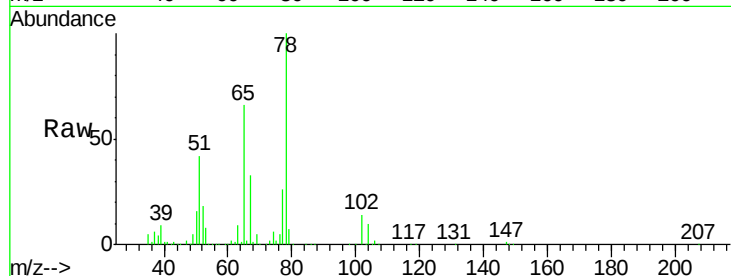
VSTDIC150

Tgt Ion: 65 Resp: 462513

Ion Ratio Lower Upper

65 100

67 52.8 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: VD066127.D

Acq: 05 Aug 2020 12:54

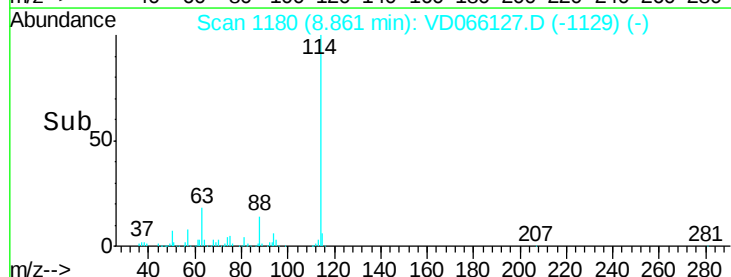
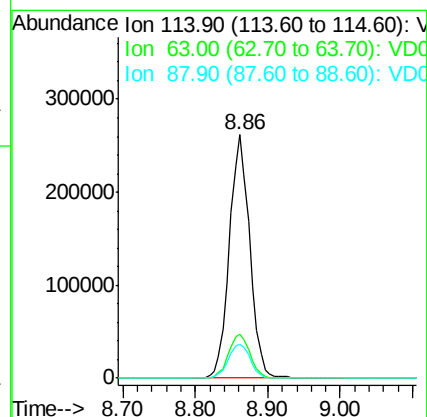
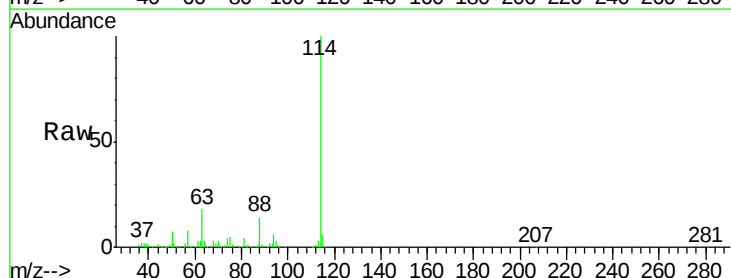
Tgt Ion: 114 Resp: 510456

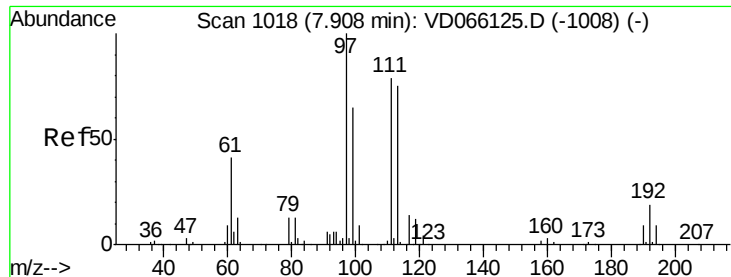
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.6

88 14.0 0.0 30.0

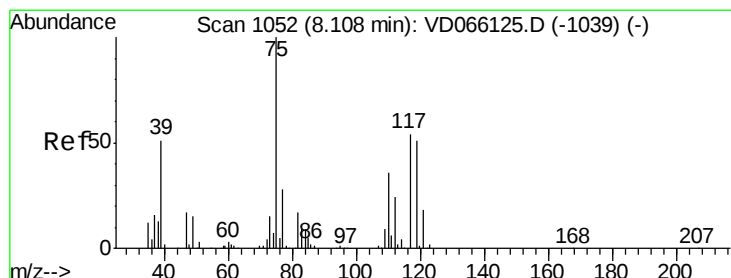
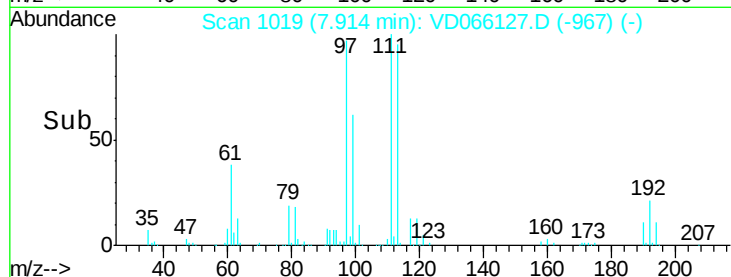
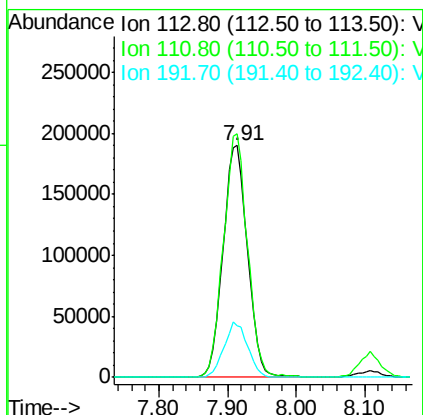
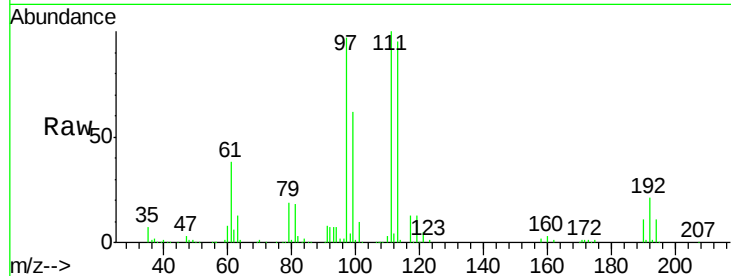




#35
 Dibromofluoromethane
 Concen: 144.062 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

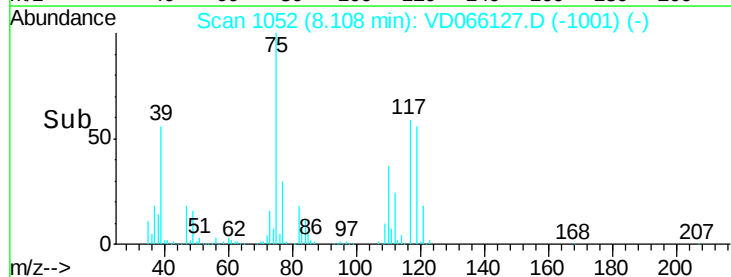
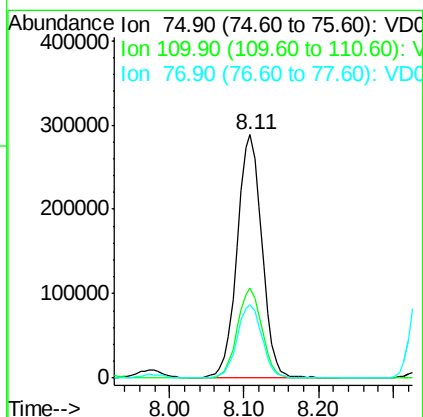
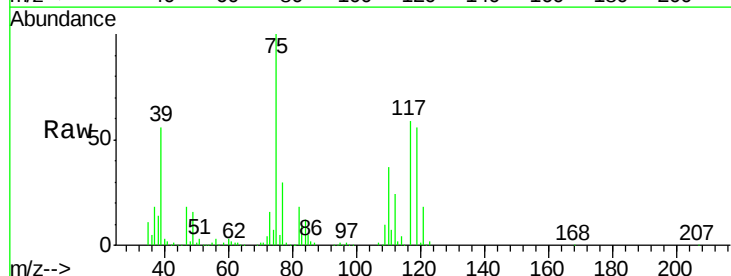
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

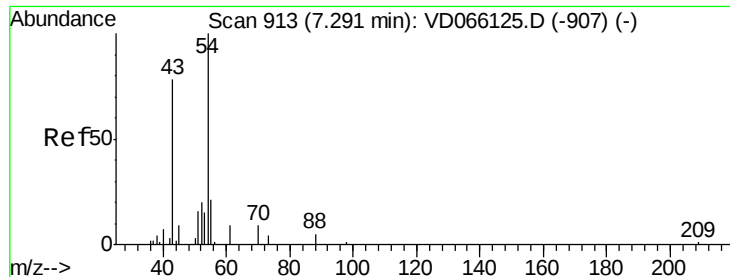
Tgt Ion: 113 Resp: 470132
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 23.2 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 134.688 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 75 Resp: 663603
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.8 56.3
 77 30.7 24.2 36.2

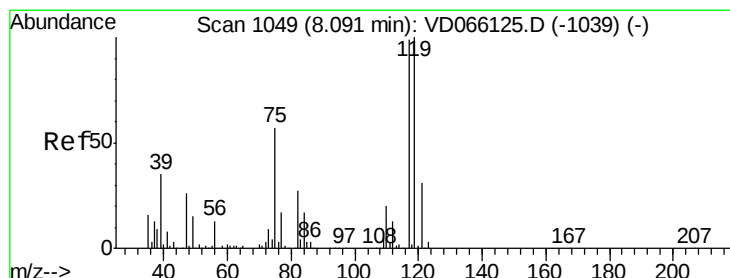
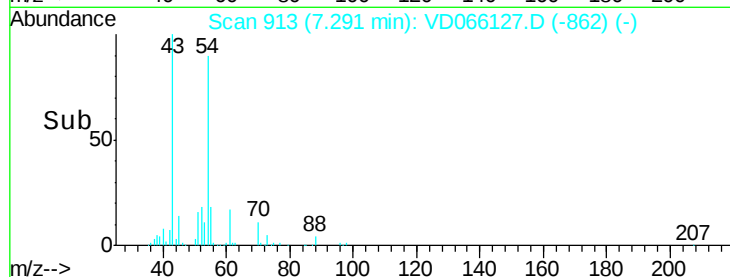
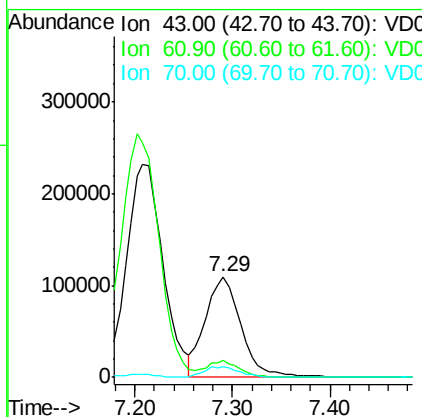
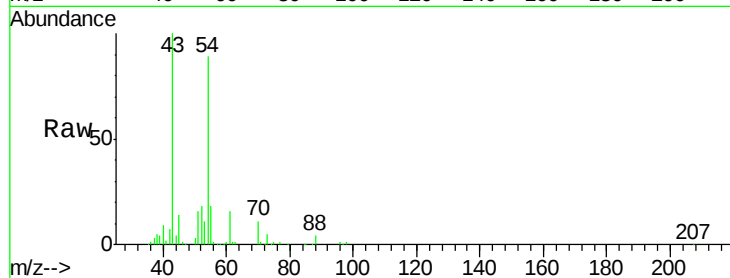




#37
Ethyl Acetate
Concen: 144.488 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

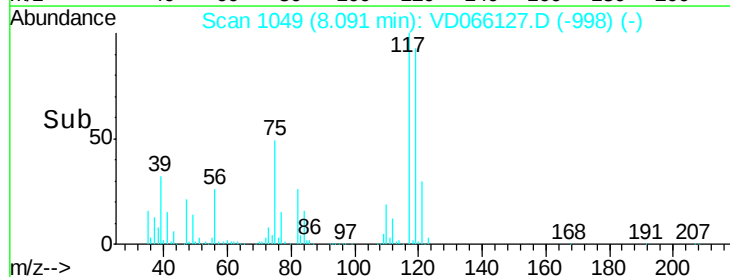
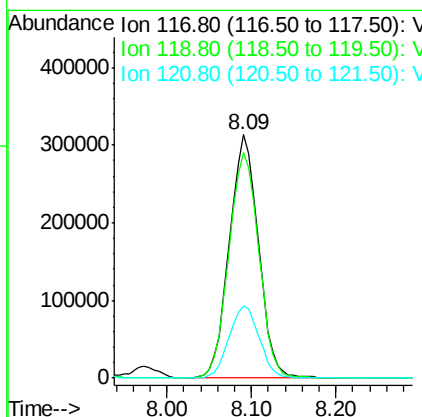
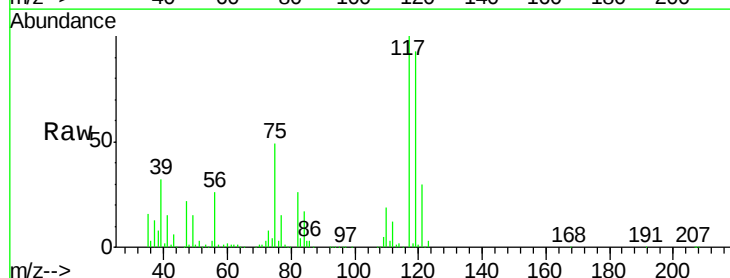
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

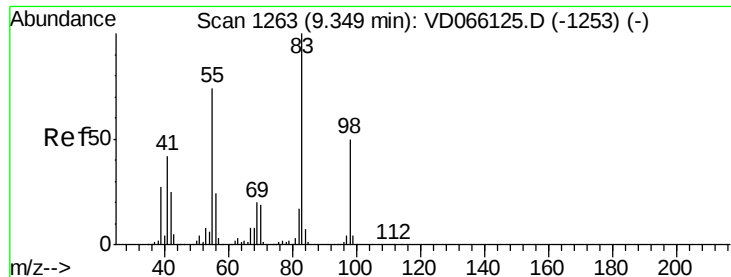
Tgt Ion: 43 Resp: 276257
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 135.568 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 117 Resp: 742564
Ion Ratio Lower Upper
117 100
119 92.7 81.0 121.4
121 29.7 24.8 37.2

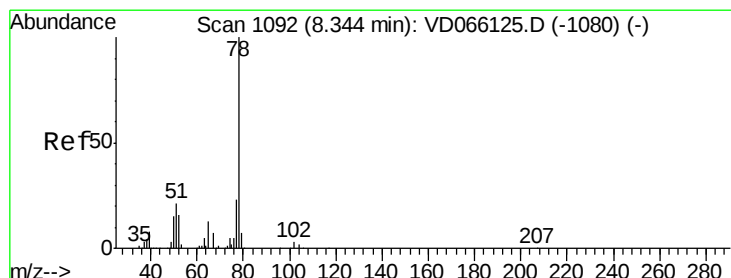
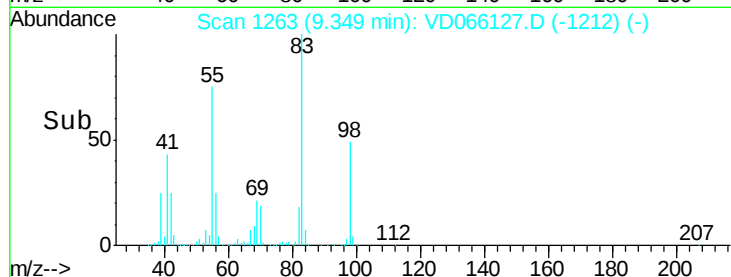
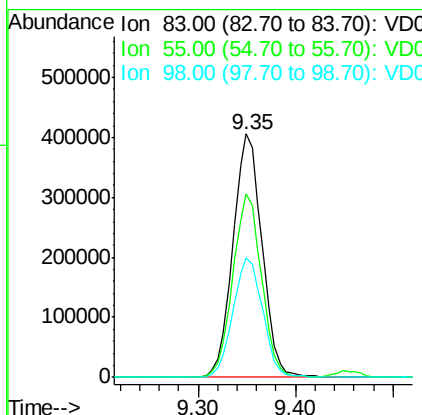
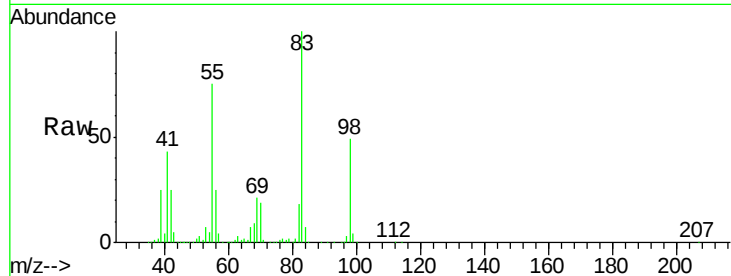




#39
Methylcyclohexane
Concen: 143.558 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

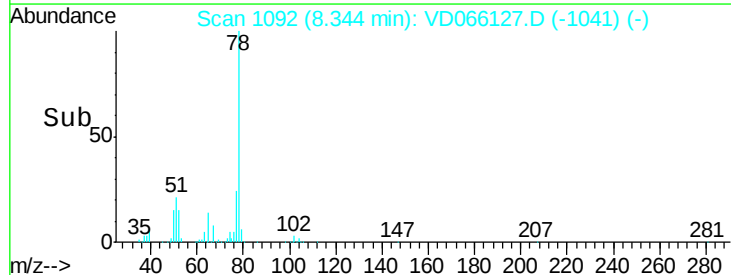
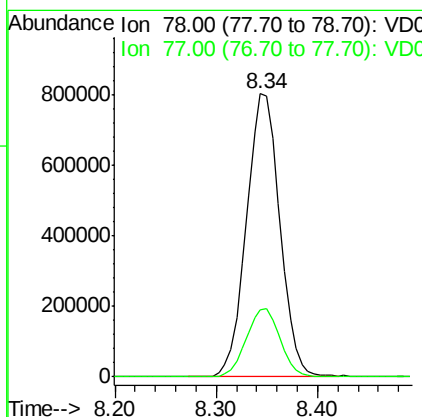
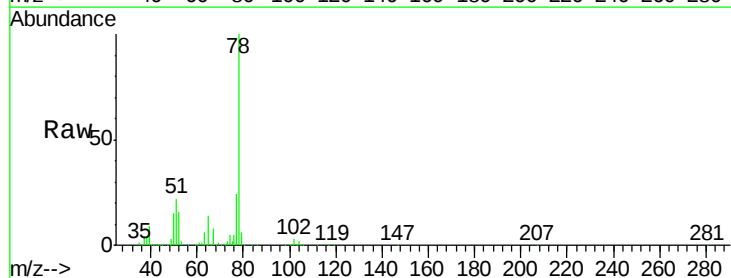
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

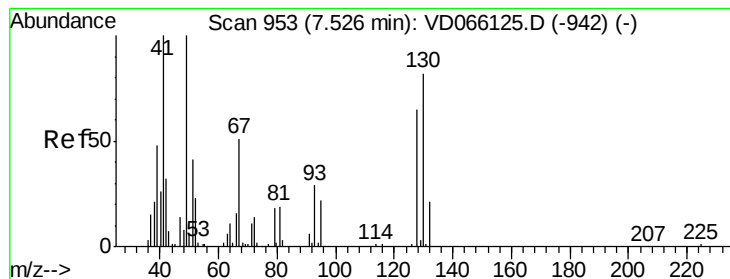
Tgt Ion: 83 Resp: 839327
Ion Ratio Lower Upper
83 100
55 75.3 59.2 88.8
98 49.0 39.8 59.6



#40
Benzene
Concen: 134.177 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 78 Resp: 1834522
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41

Methacrylonitrile

Concen: 167.303 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 182277

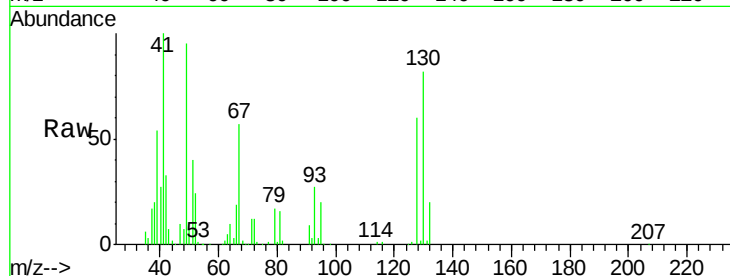
Ion Ratio Lower Upper

41 100

39 54.1 47.5 71.3

67 64.0 59.1 88.7

52 27.2 25.4 38.0

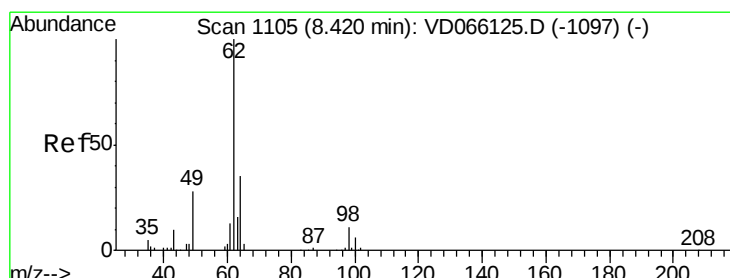
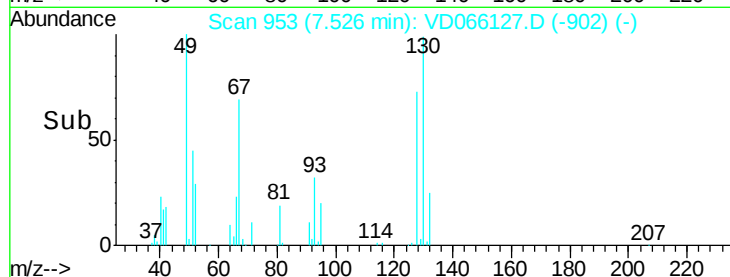
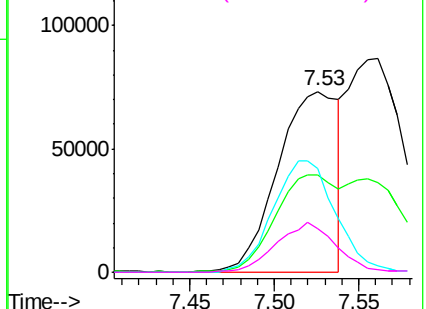


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 138.274 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066127.D

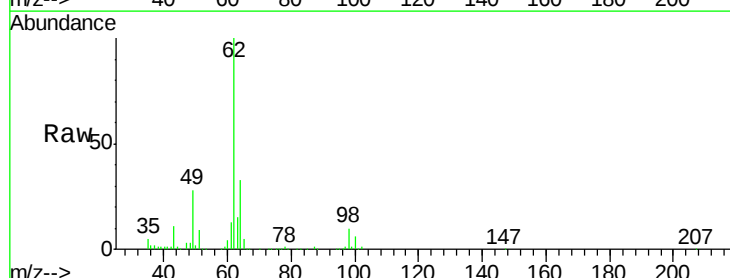
Acq: 05 Aug 2020 12:54

Tgt Ion: 62 Resp: 552158

Ion Ratio Lower Upper

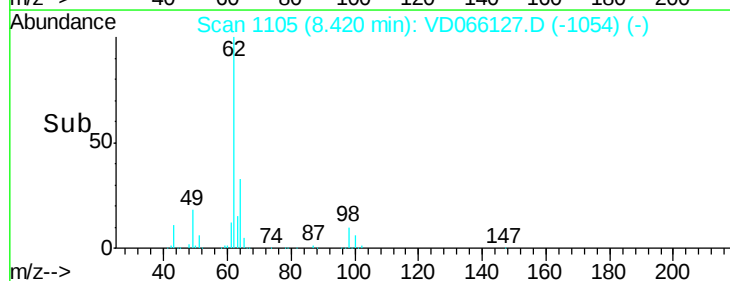
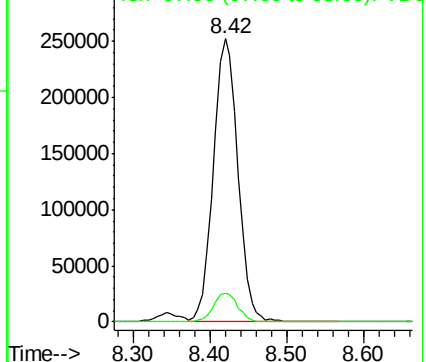
62 100

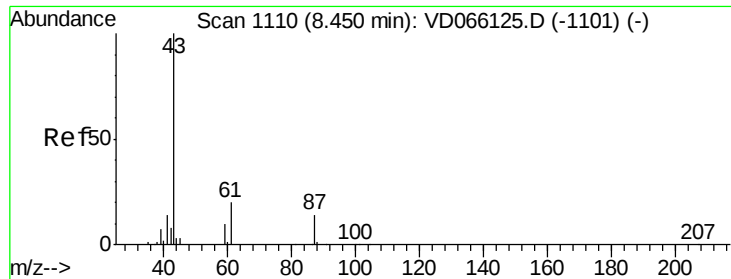
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 149.070 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

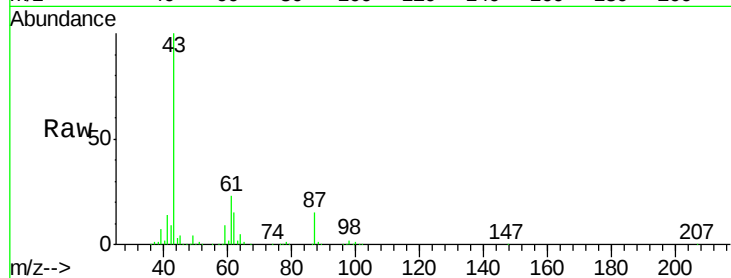
Tgt Ion: 43 Resp: 556964

Ion Ratio Lower Upper

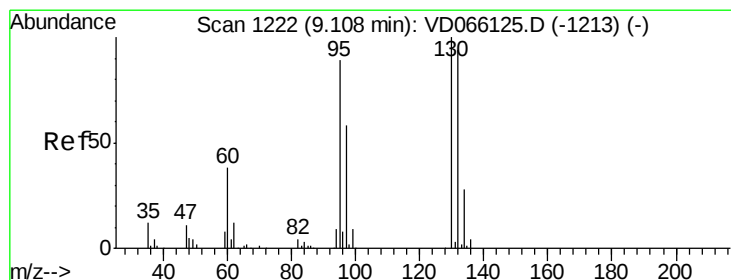
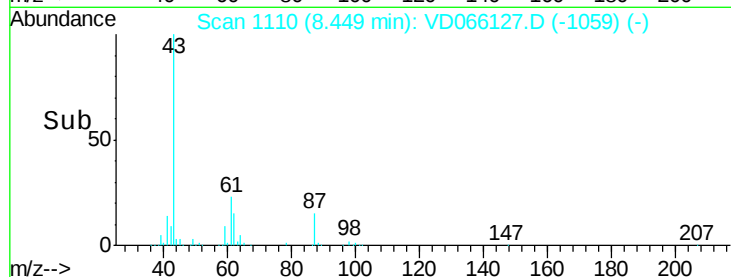
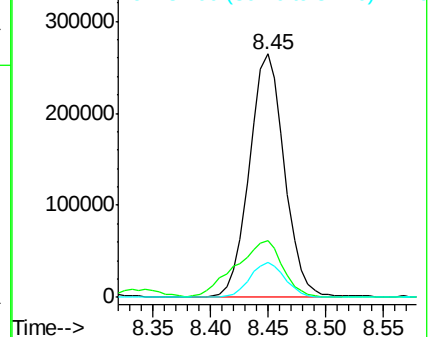
43 100

61 31.7 25.5 38.3

87 14.5 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: 138.775 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066127.D

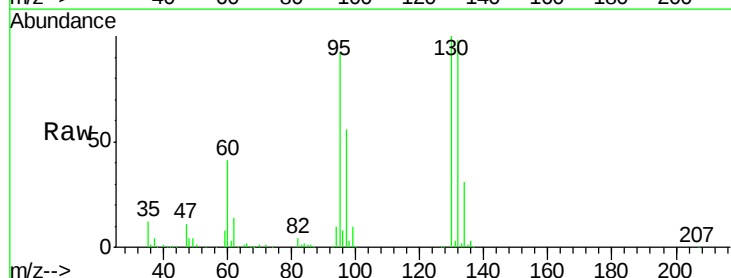
Acq: 05 Aug 2020 12:54

Tgt Ion: 130 Resp: 566977

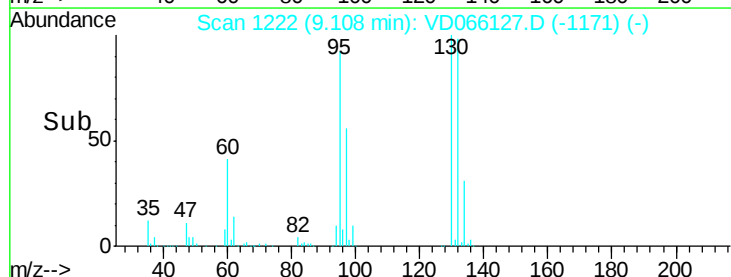
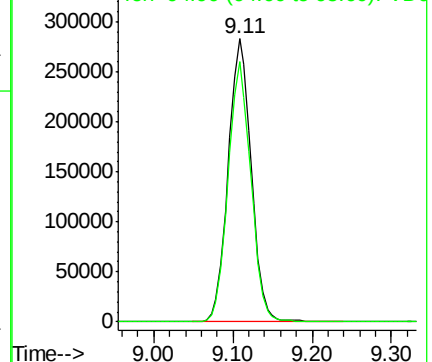
Ion Ratio Lower Upper

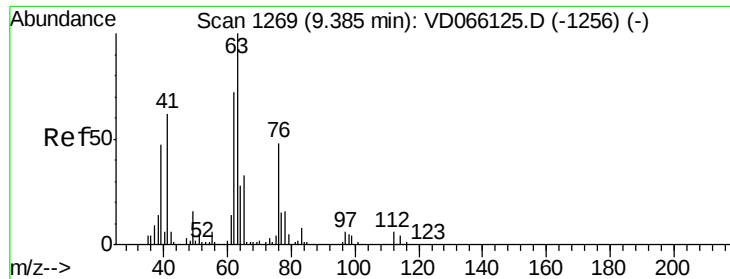
130 100

95 92.0 0.0 178.4



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

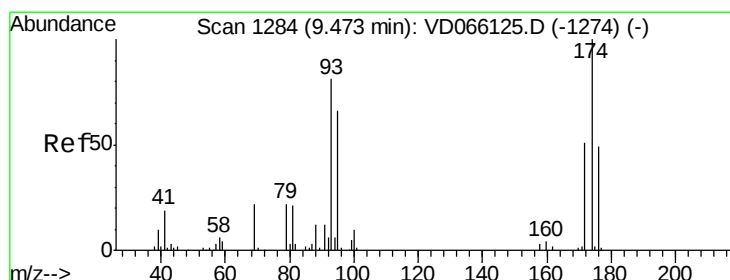
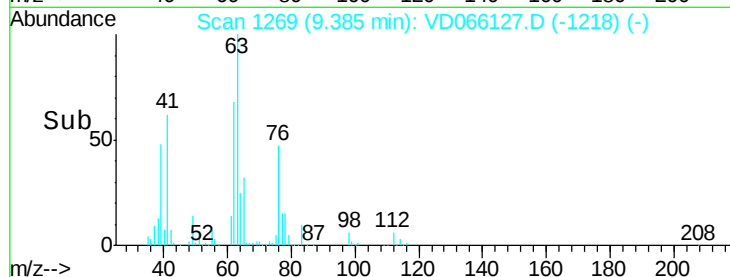
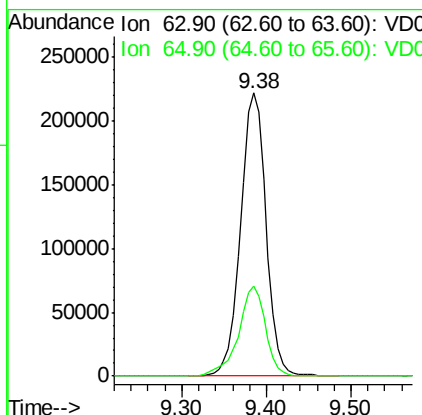
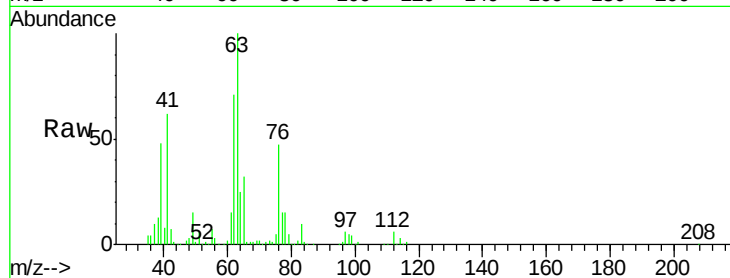




#45
 1,2-Dichloropropane
 Concen: 139.819 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

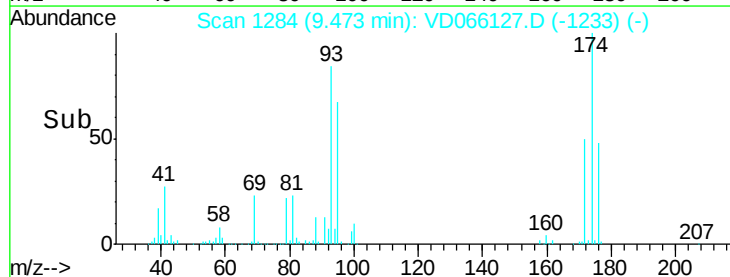
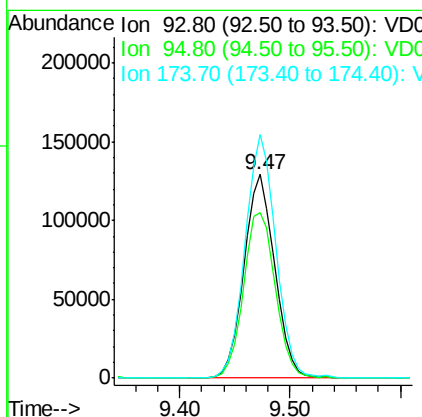
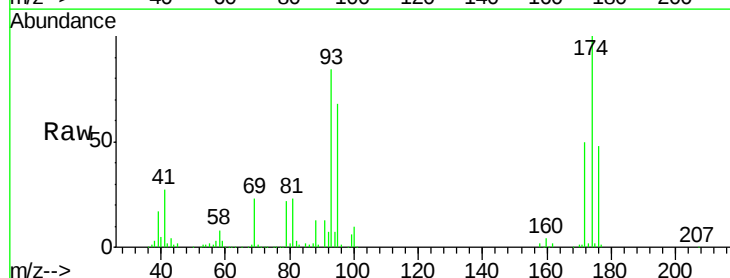
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

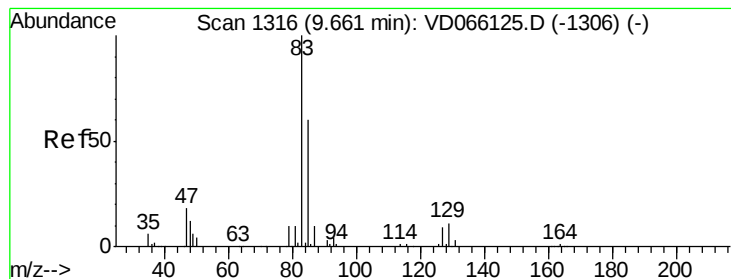
Tgt Ion: 63 Resp: 462788
 Ion Ratio Lower Upper
 63 100
 65 32.0 26.5 39.7



#46
 Dibromomethane
 Concen: 139.391 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 93 Resp: 253676
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.6
 174 119.5 92.8 139.2





#47

Bromodichloromethane

Concen: 140.017 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

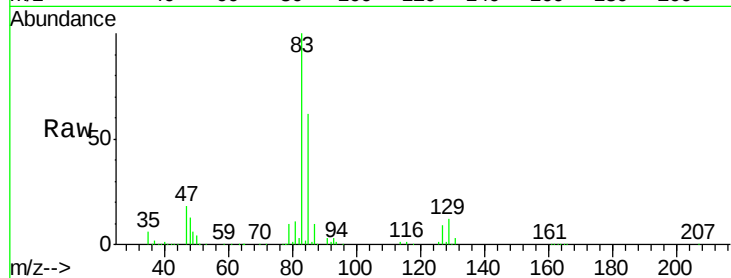
Tgt Ion: 83 Resp: 673800

Ion Ratio Lower Upper

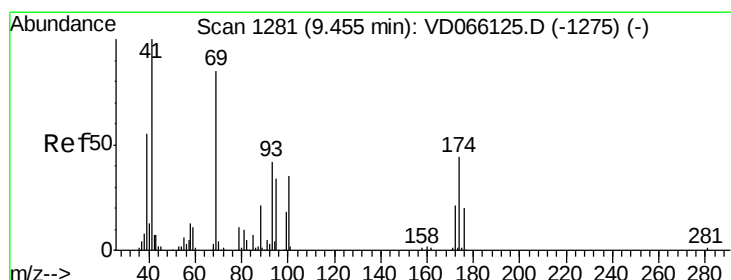
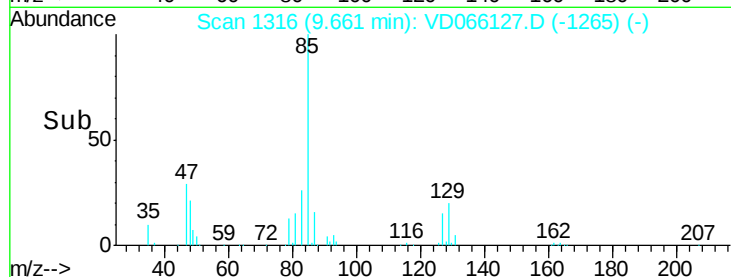
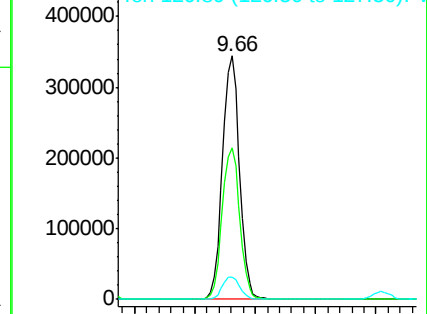
83 100

85 62.0 48.2 72.4

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 136.740 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

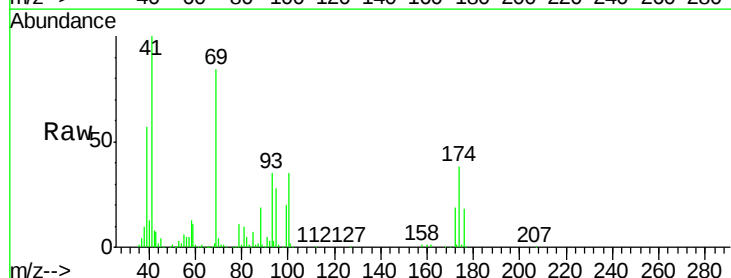
Tgt Ion: 41 Resp: 269096

Ion Ratio Lower Upper

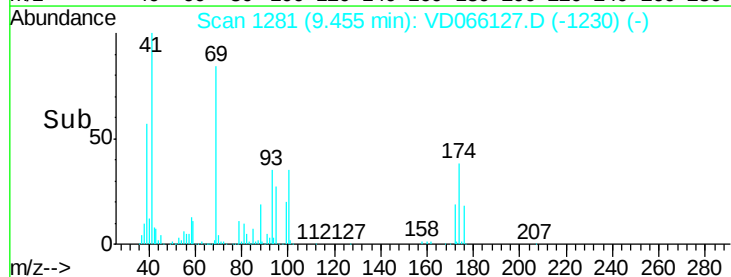
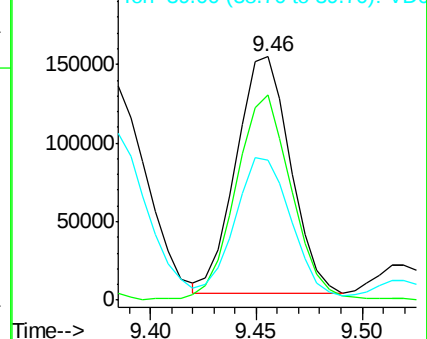
41 100

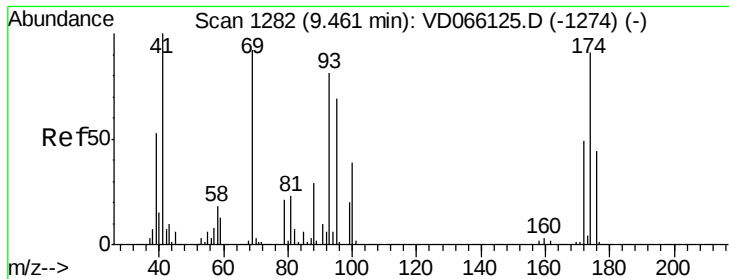
69 89.2 63.9 95.9

39 58.9 42.6 64.0



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

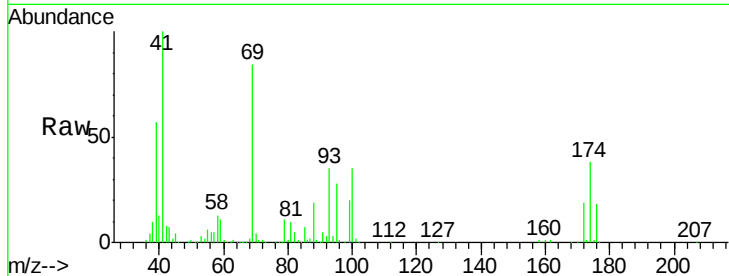




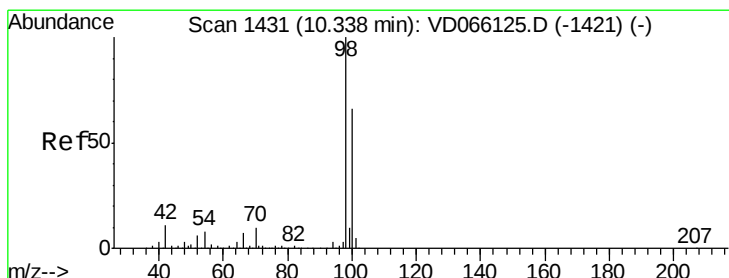
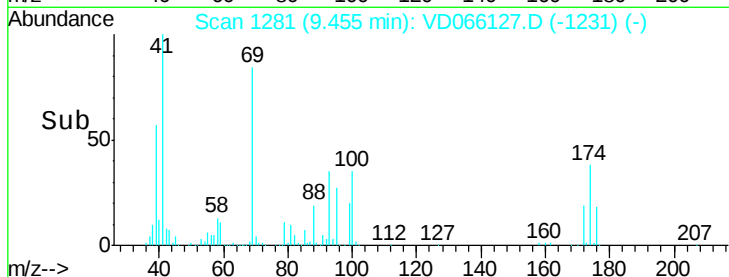
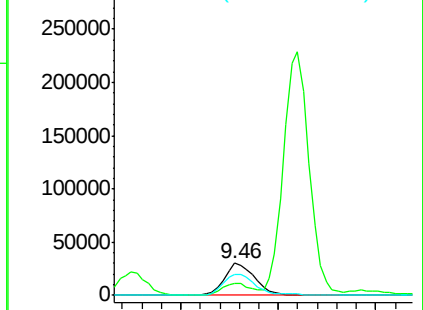
#49
 1,4-Dioxane
 Concen: 2788.499 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 65084
 Ion Ratio Lower Upper
 88 100
 43 33.7 27.5 41.3
 58 73.2 50.2 75.4

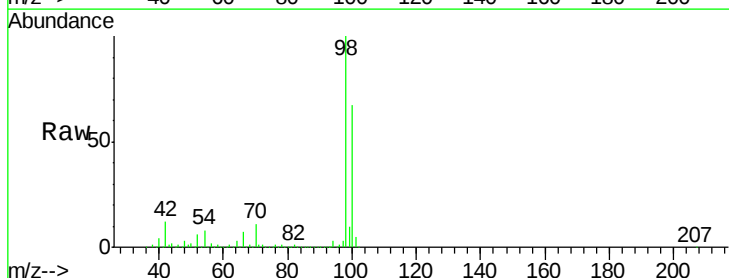


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

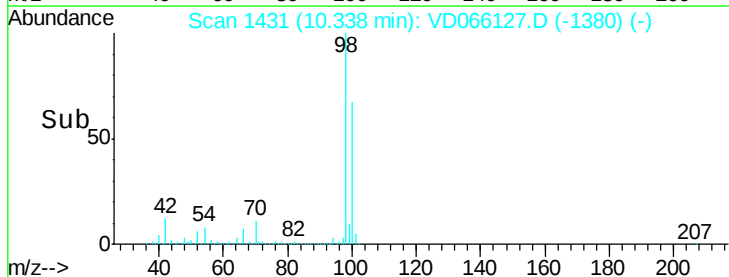
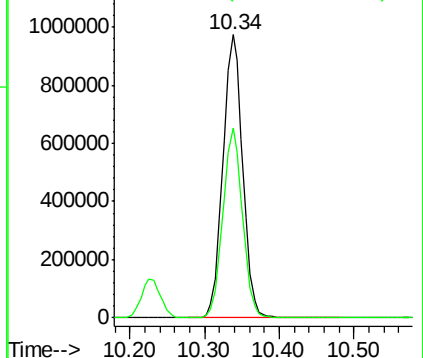


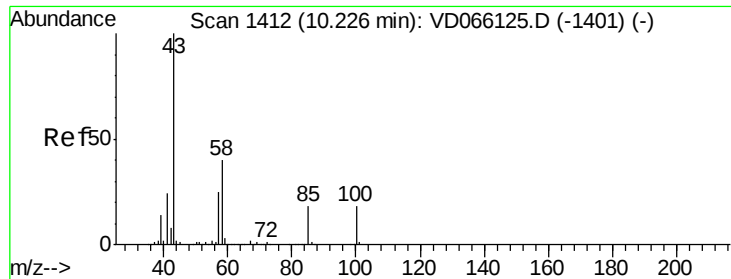
#50
 Toluene-d8
 Concen: 150.686 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 98 Resp: 1795678
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.6 78.8



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

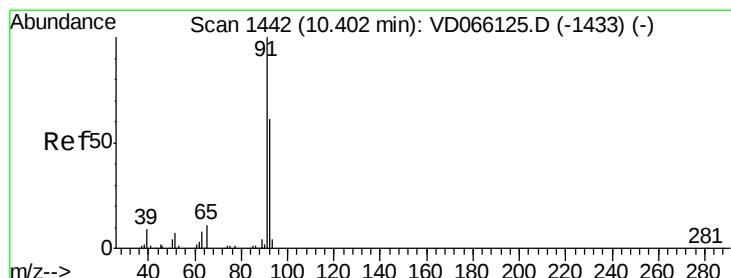
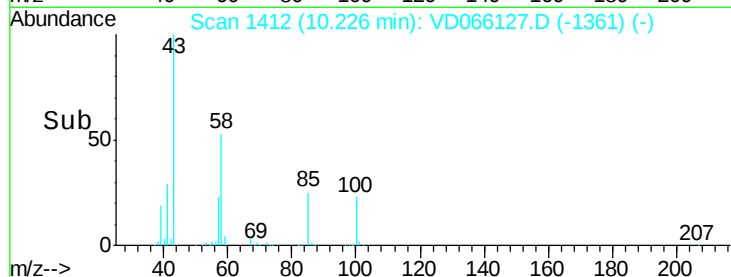
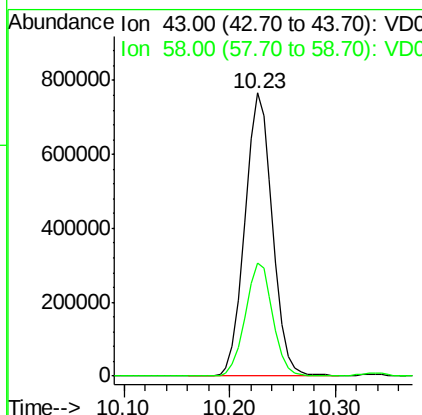
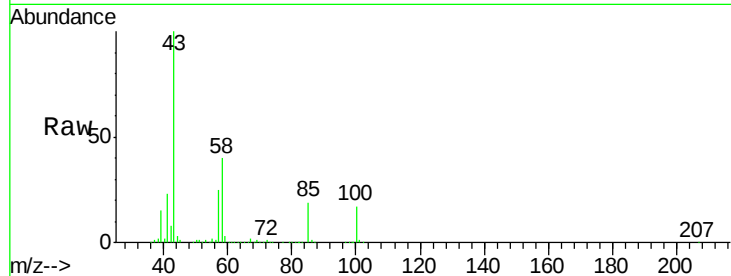




#51
 4-Methyl-2-Pentanone
 Concen: 712.971 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

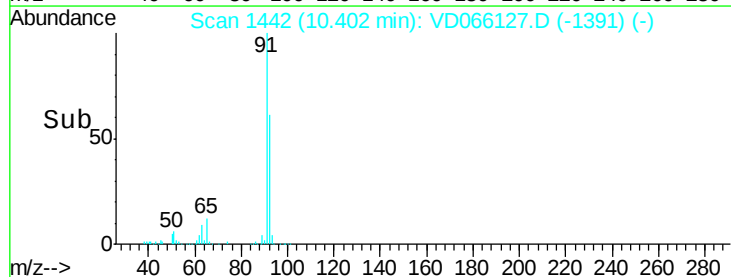
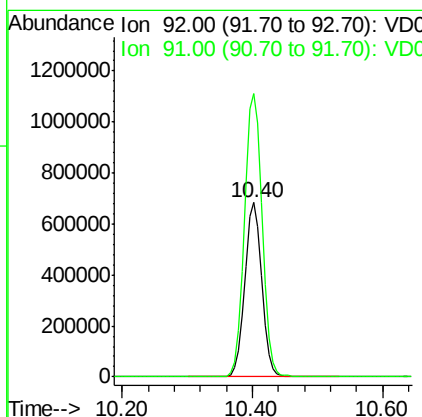
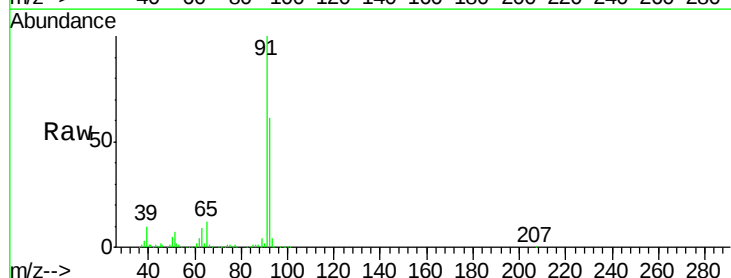
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

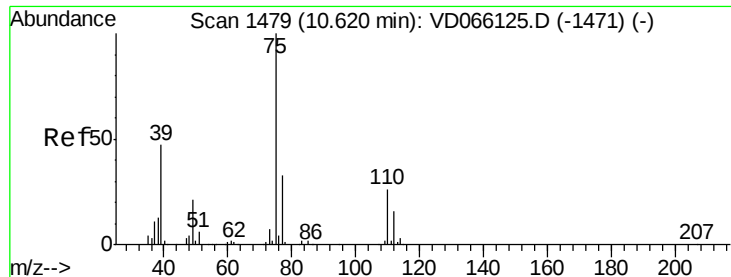
Tgt Ion: 43 Resp: 1388151
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.1 46.7



#52
 Toluene
 Concen: 137.607 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 92 Resp: 1231378
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 146.896 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

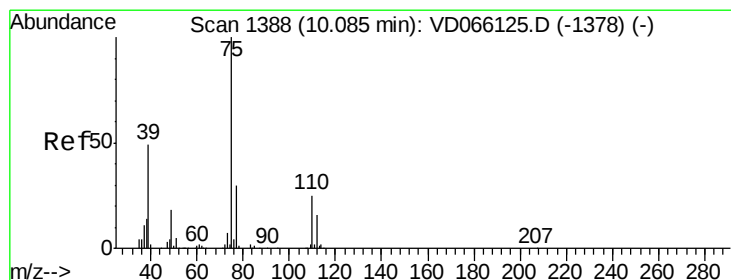
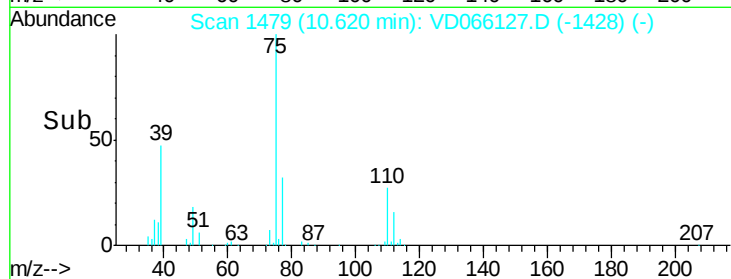
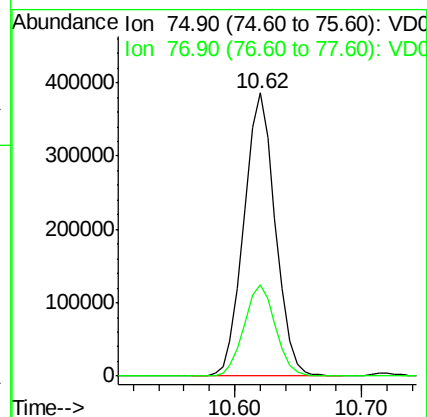
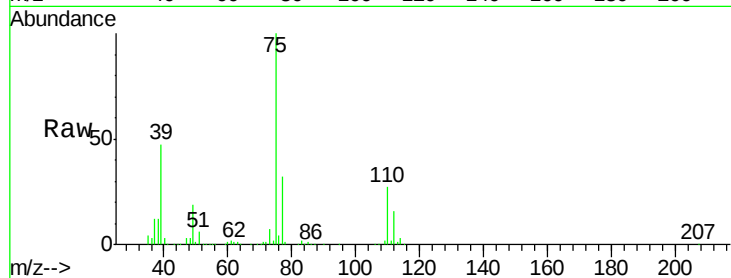
VSTDIC150

Tgt Ion: 75 Resp: 662280

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 147.517 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

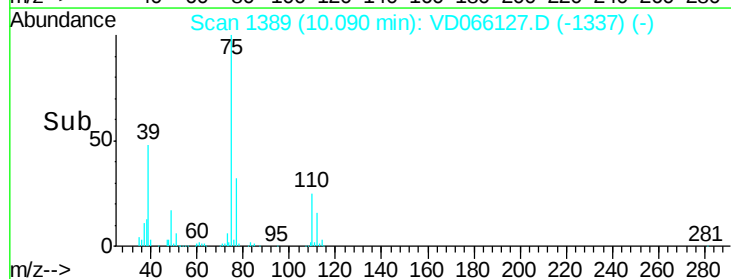
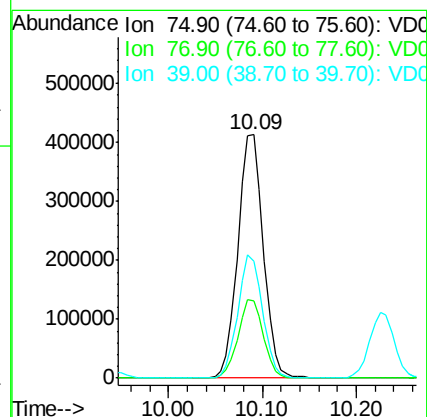
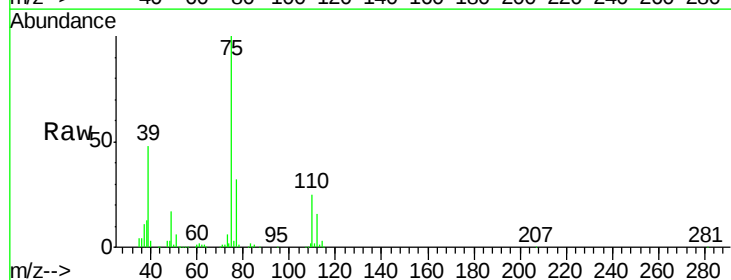
Tgt Ion: 75 Resp: 777551

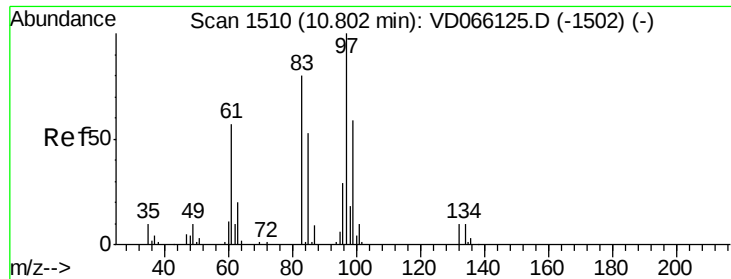
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 47.9 39.3 58.9

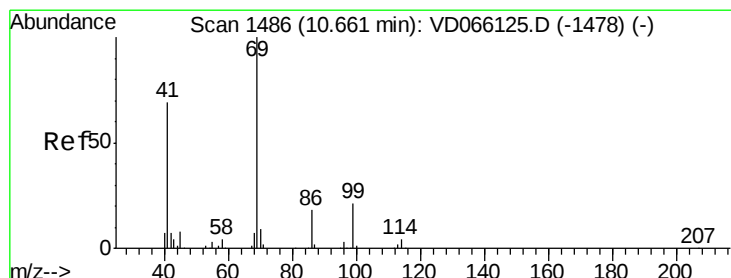
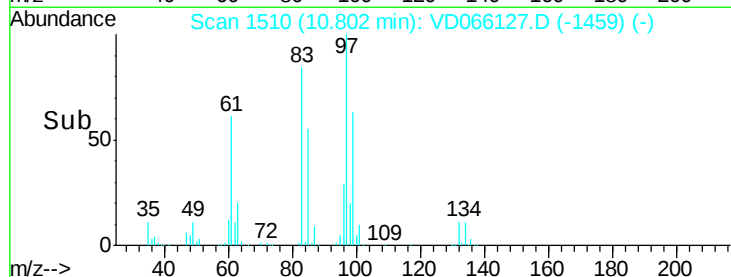
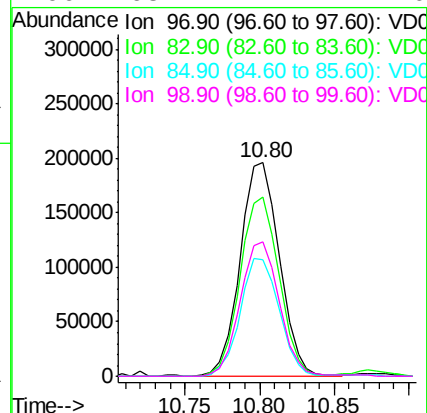
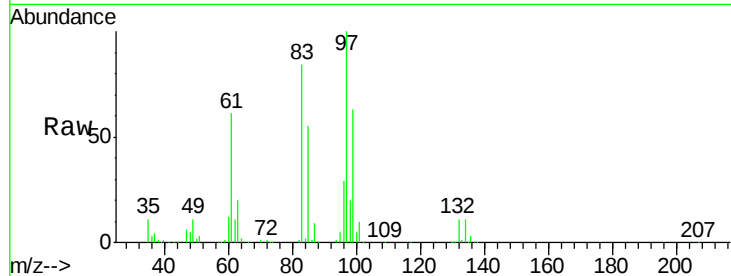




#55
 1,1,2-Trichloroethane
 Concen: 134.711 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

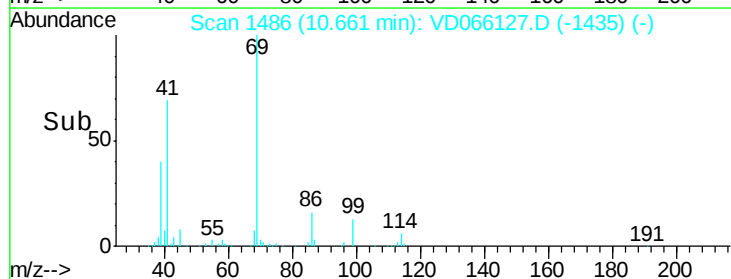
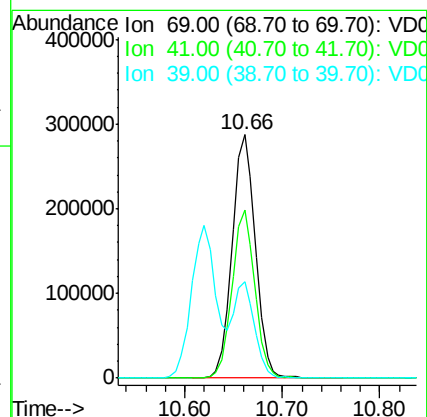
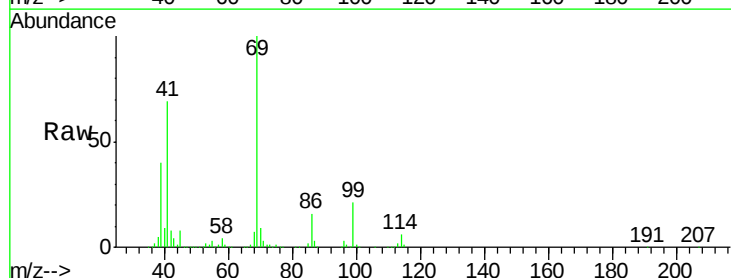
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

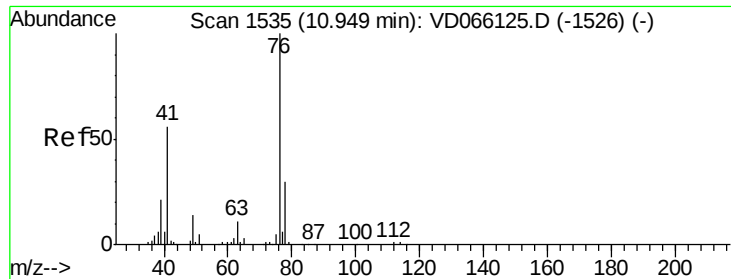
Tgt Ion:	97	Resp:	357265
Ion	Ratio	Lower	Upper
97	100		
83	84.1	63.9	95.9
85	54.7	42.5	63.7
99	63.1	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 156.121 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion:	69	Resp:	474960
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.1	81.1
39	34.9	28.6	43.0

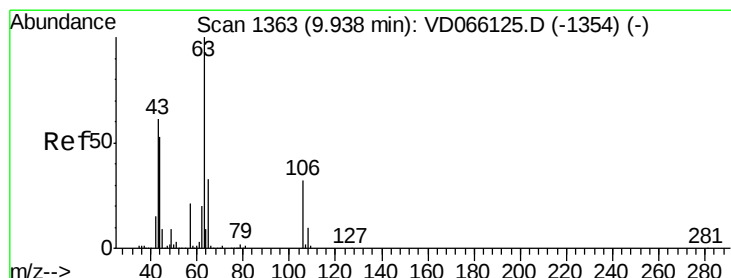
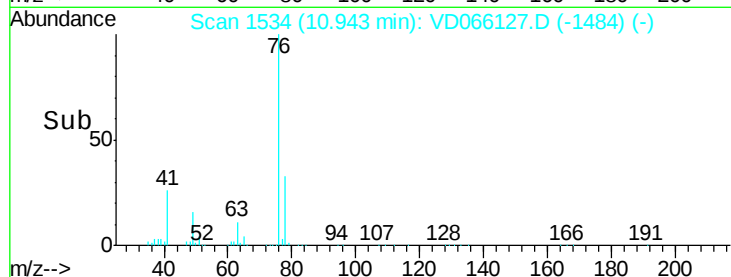
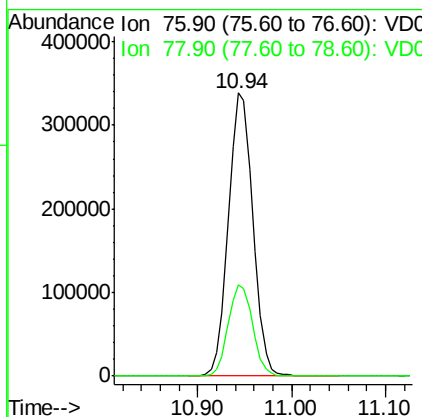
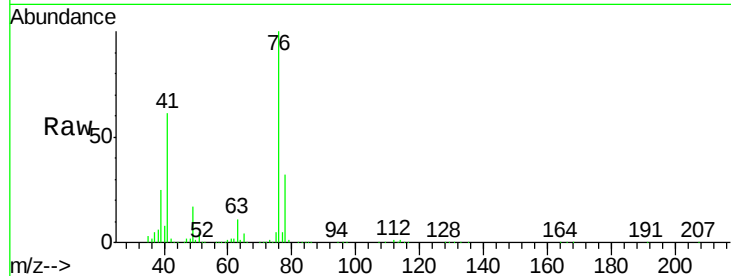




#57
 1,3-Dichloropropane
 Concen: 140.522 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

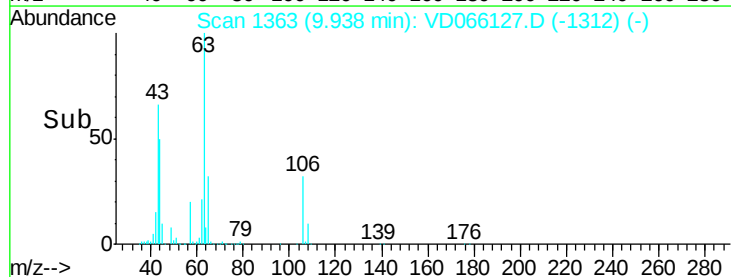
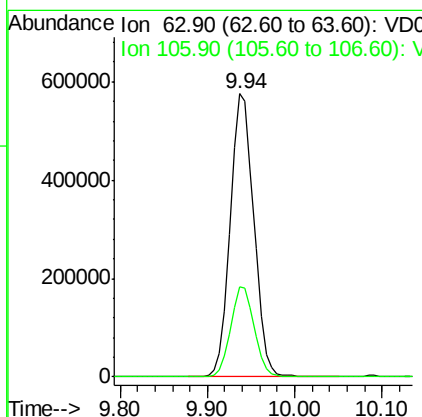
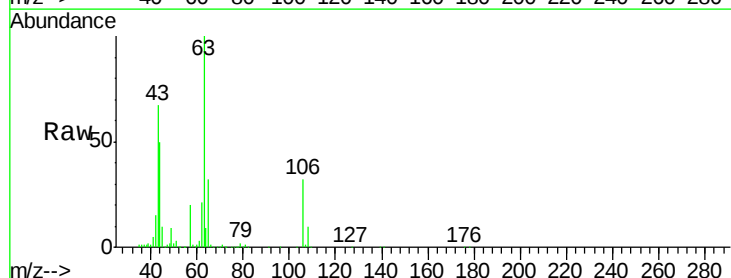
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

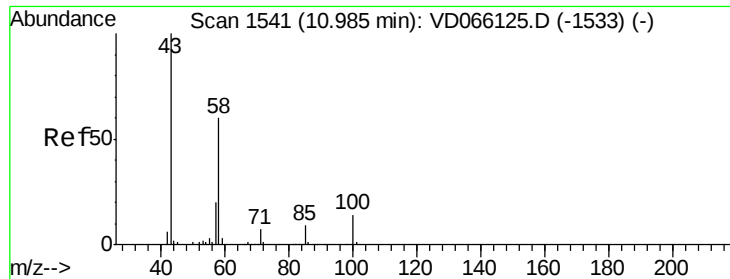
Tgt Ion: 76 Resp: 612864
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 762.760 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 63 Resp: 1055759
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9

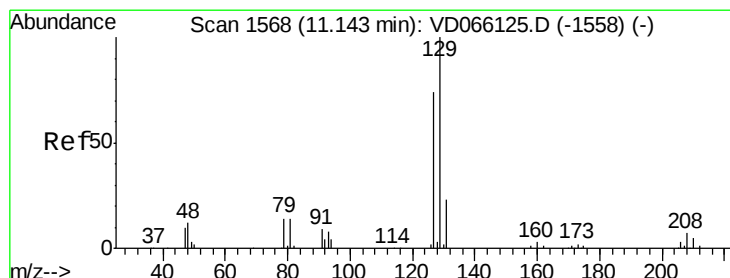
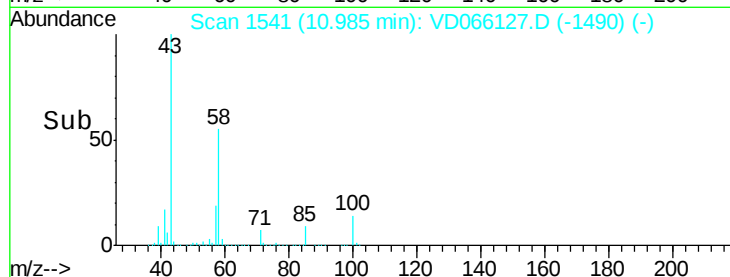
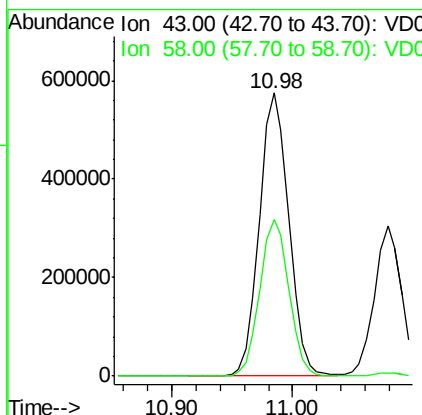
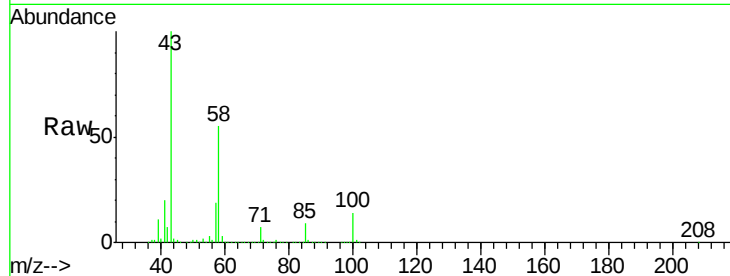




#59
2-Hexanone
Concen: 712.440 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

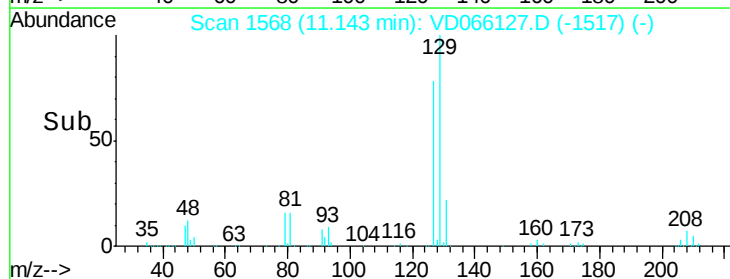
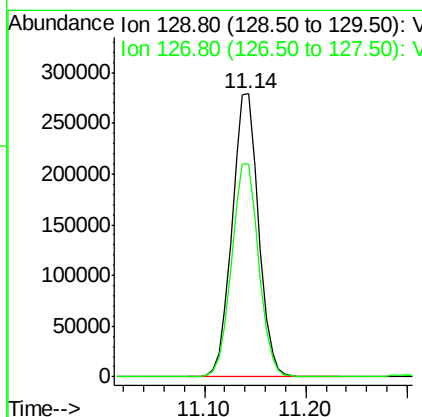
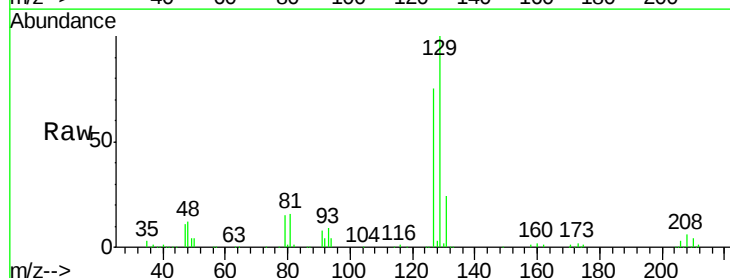
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

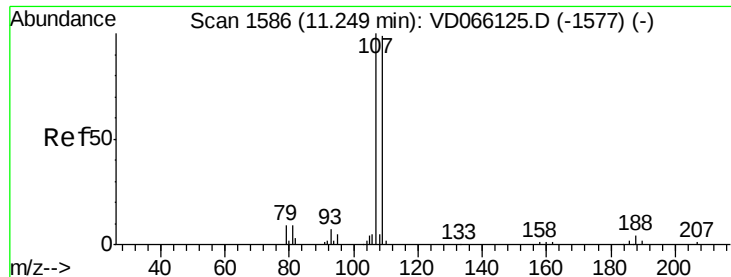
Tgt Ion: 43 Resp: 969993
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4



#60
Dibromochloromethane
Concen: 139.404 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion: 129 Resp: 506132
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

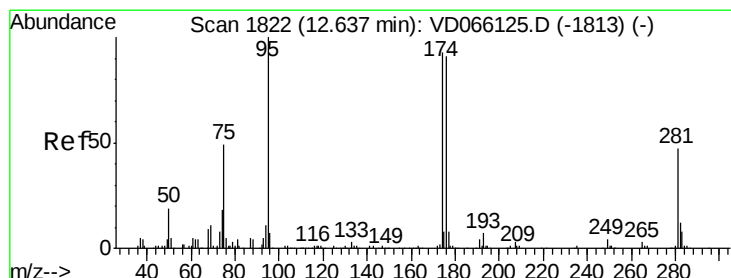
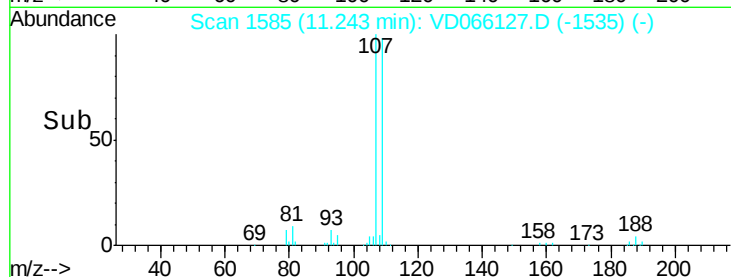
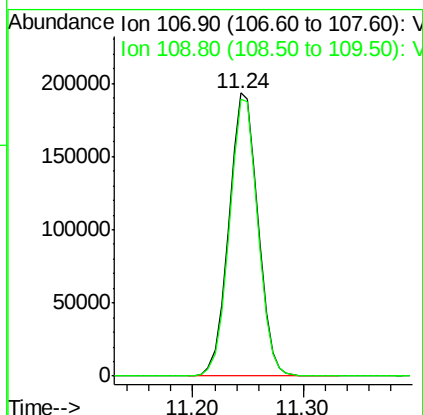
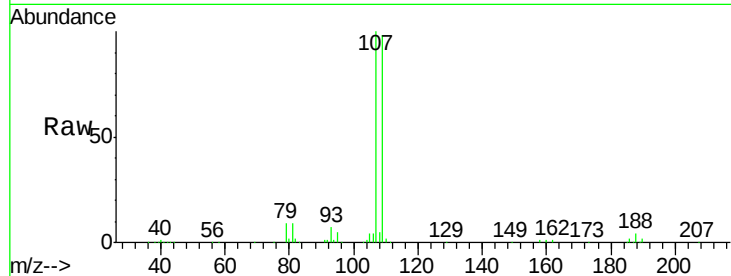




#61
 1,2-Dibromoethane
 Concen: 141.954 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

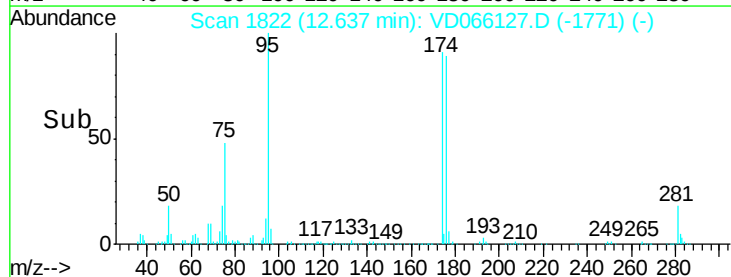
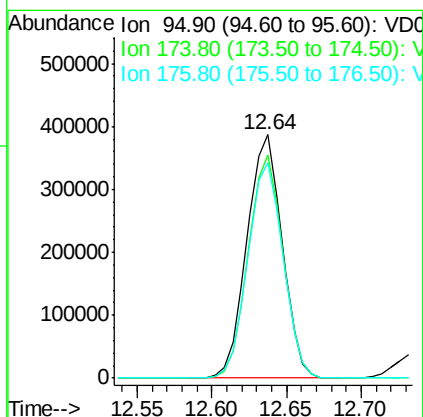
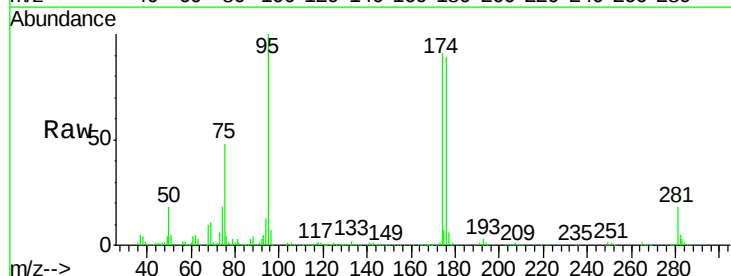
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

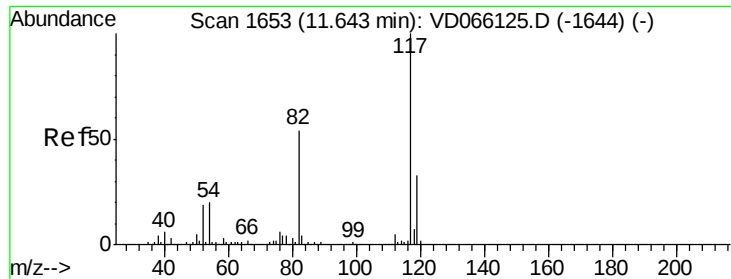
Tgt Ion: 107 Resp: 356990
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 145.580 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 95 Resp: 630734
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.8
 176 88.6 0.0 181.2

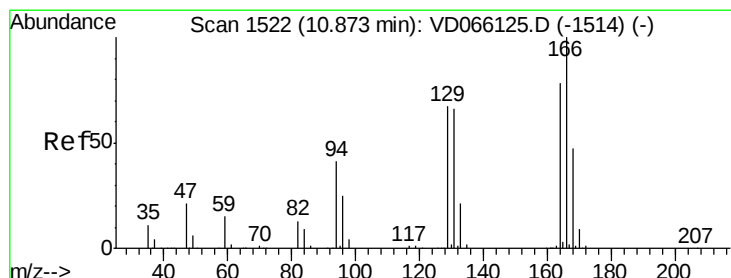
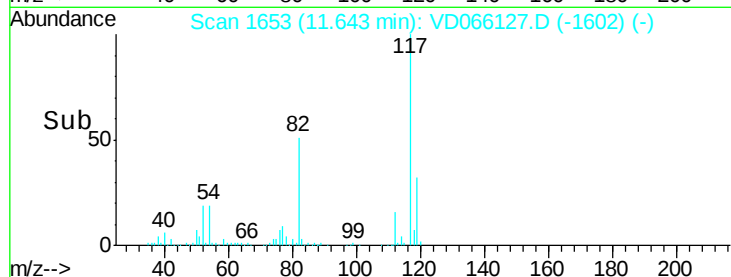
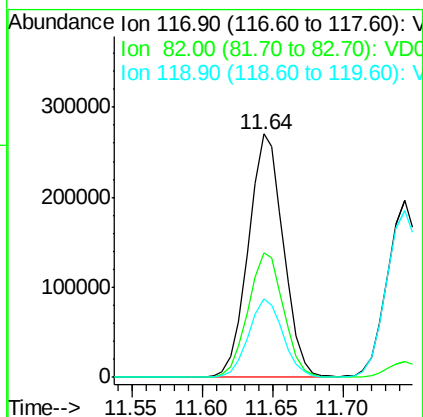
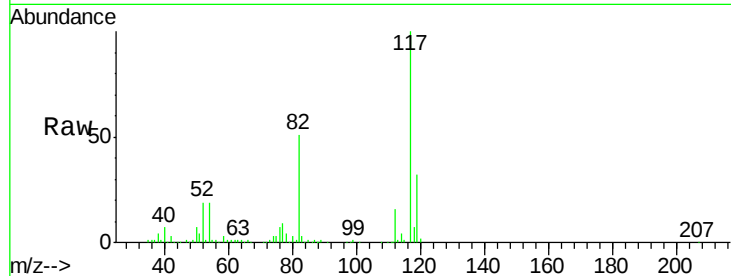




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

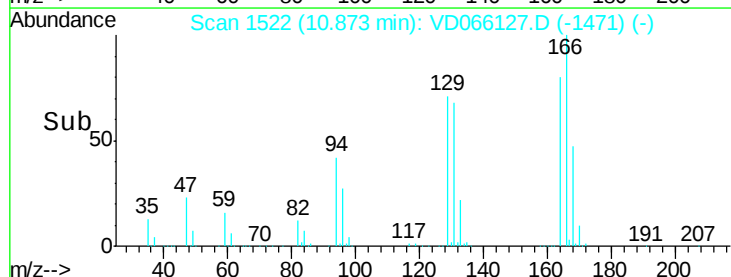
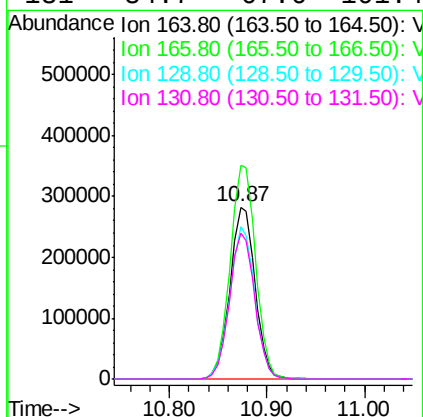
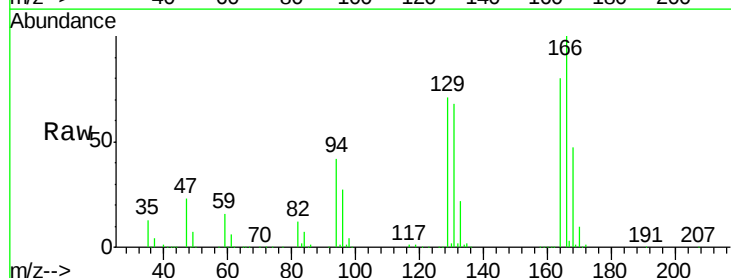
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

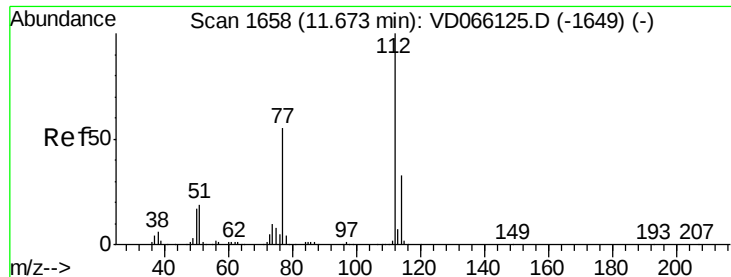
Tgt Ion:117 Resp: 470023
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 137.131 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion:164 Resp: 505196
Ion Ratio Lower Upper
164 100
166 124.4 101.9 152.9
129 88.7 68.1 102.1
131 84.7 67.6 101.4

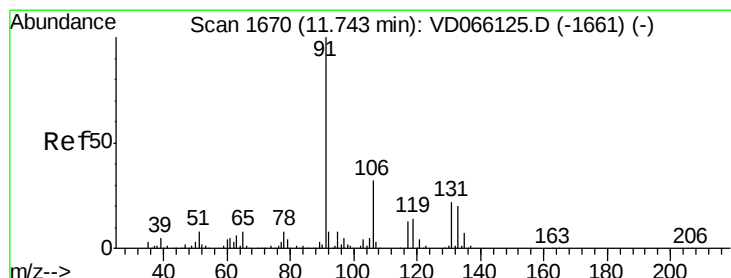
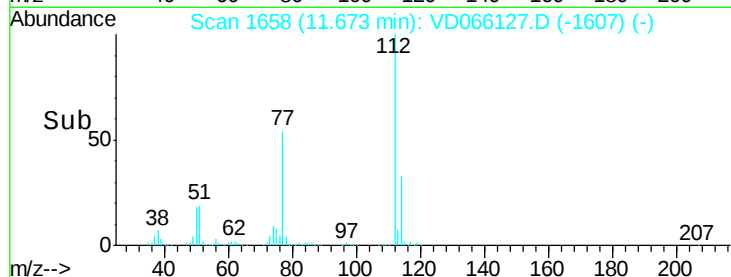
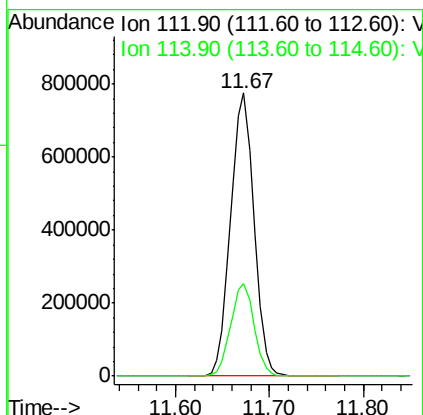
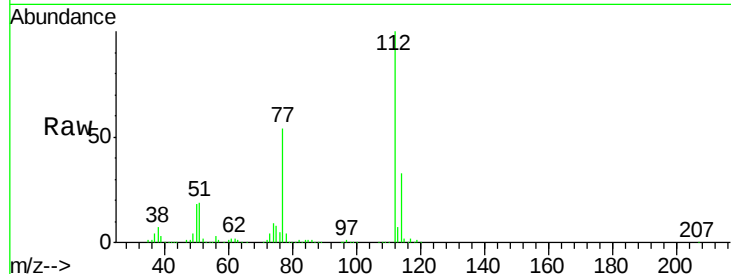




#65
Chlorobenzene
Concen: 137.654 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

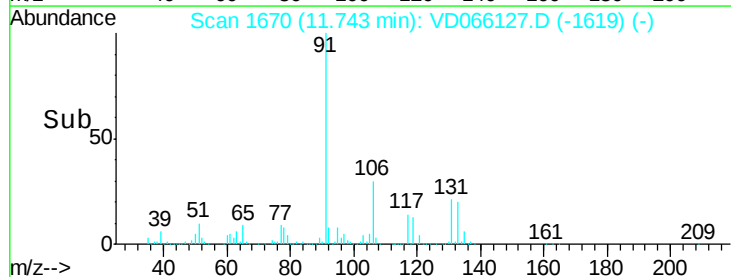
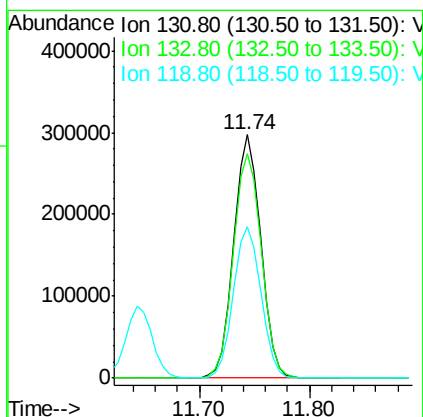
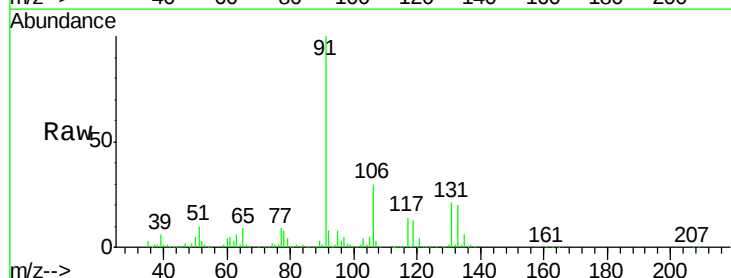
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

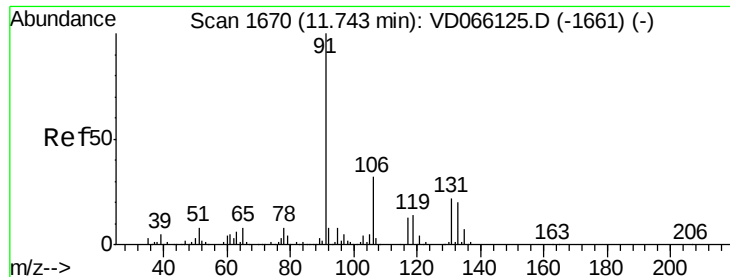
Tgt Ion:112 Resp: 1342819
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 134.109 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion:131 Resp: 514318
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 63.6 31.6 94.7





#67

Ethyl Benzene

Concen: 141.184 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

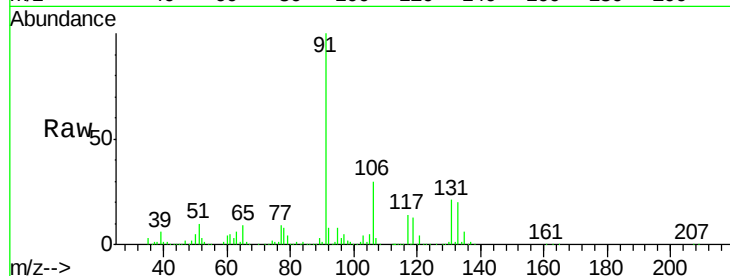
VSTDIC150

Tgt Ion: 91 Resp: 2363599

Ion Ratio Lower Upper

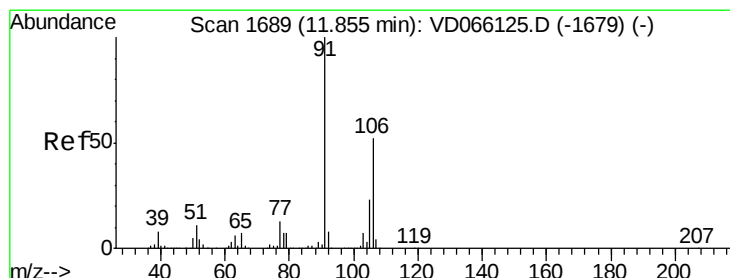
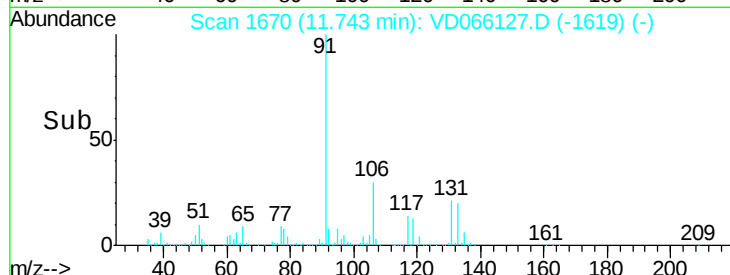
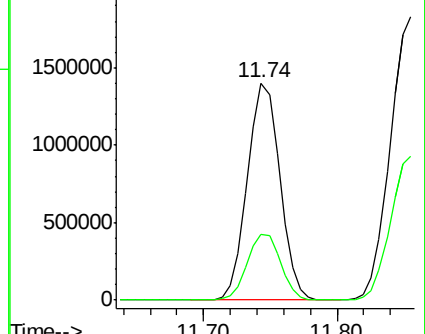
91 100

106 30.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 278.243 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066127.D

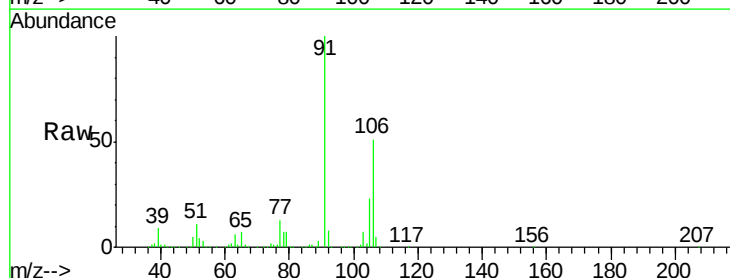
Acq: 05 Aug 2020 12:54

Tgt Ion: 106 Resp: 1811566

Ion Ratio Lower Upper

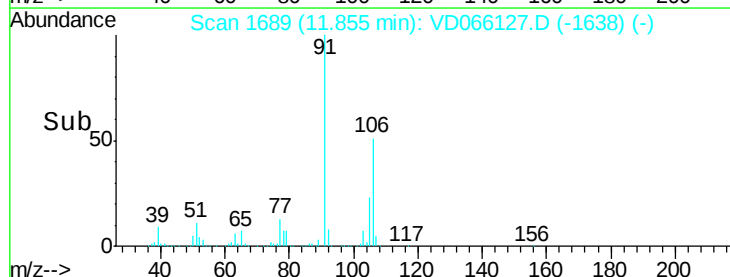
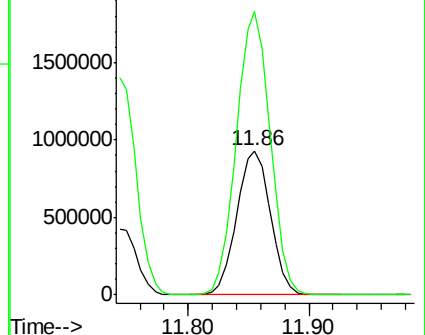
106 100

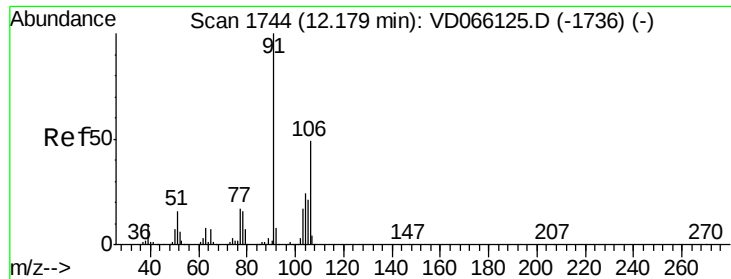
91 196.5 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

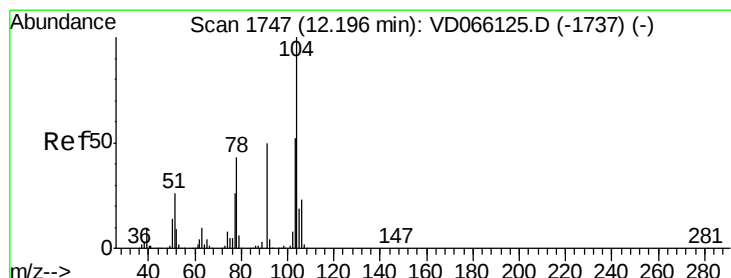
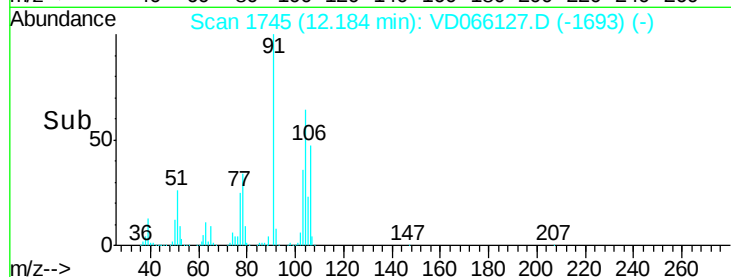
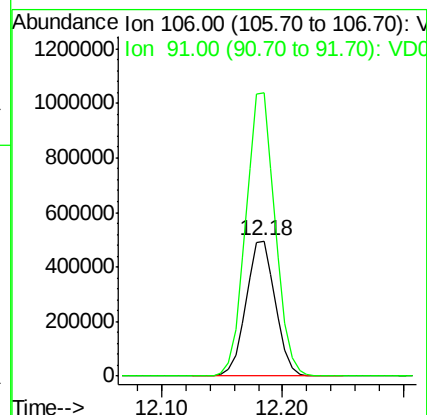
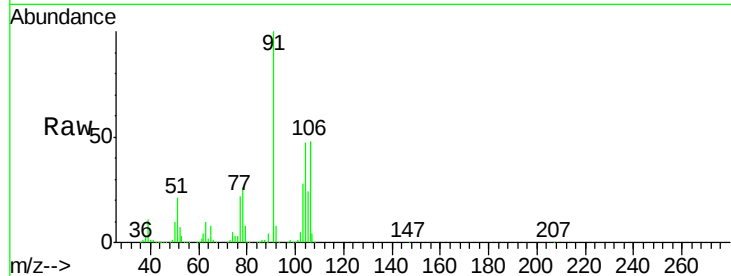




#69
o-Xylene
Concen: 143.019 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

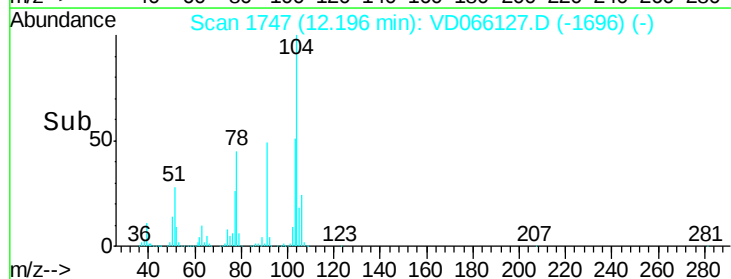
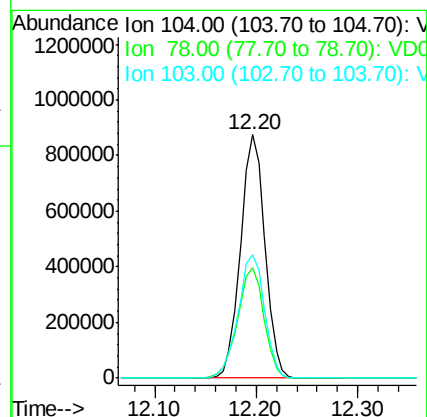
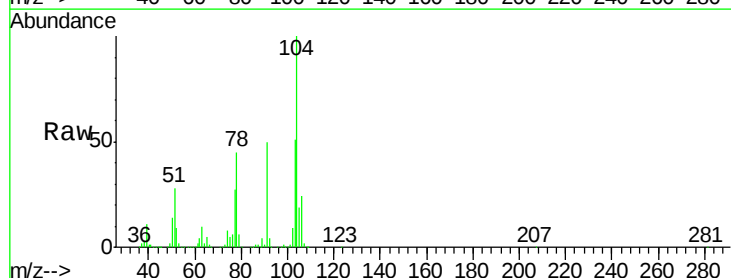
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

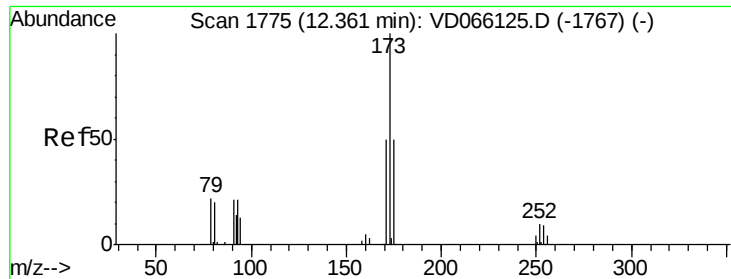
Tgt Ion:106 Resp: 837853
Ion Ratio Lower Upper
106 100
91 210.0 105.7 317.1



#70
Styrene
Concen: 141.973 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion:104 Resp: 1465179
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 138.950 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

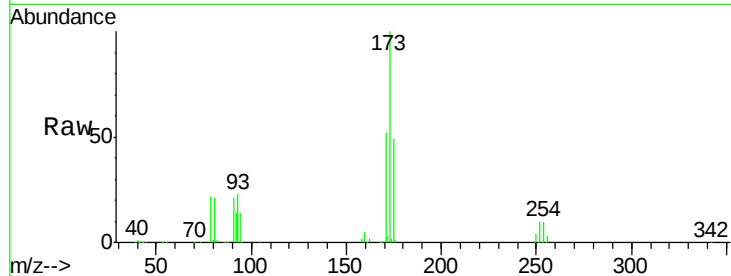
Tgt Ion:173 Resp: 313522

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

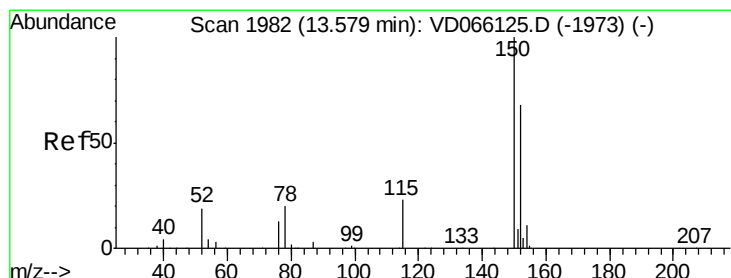
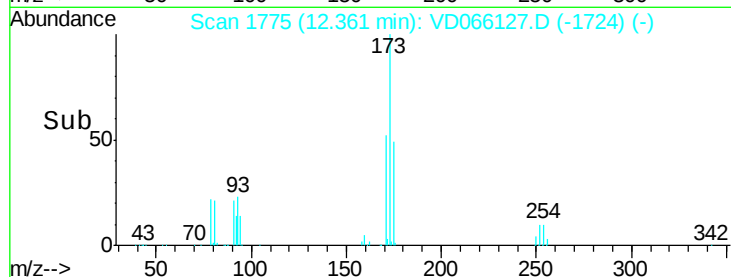
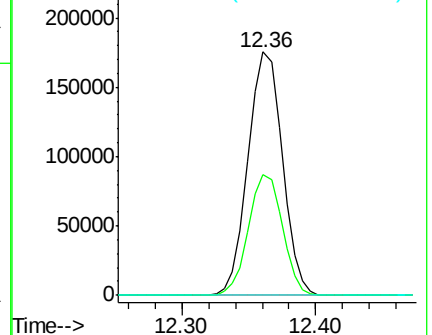
254 0.2 0.2 0.2#



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: VD066127.D

Acq: 05 Aug 2020 12:54

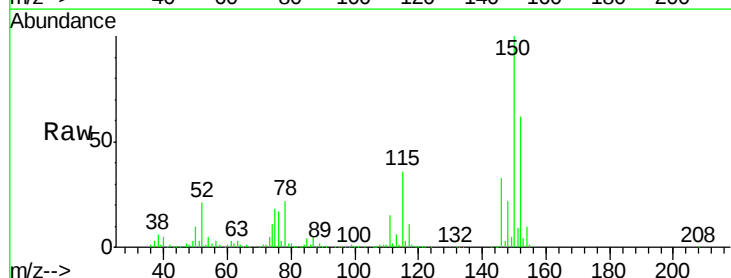
Tgt Ion:152 Resp: 239019

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

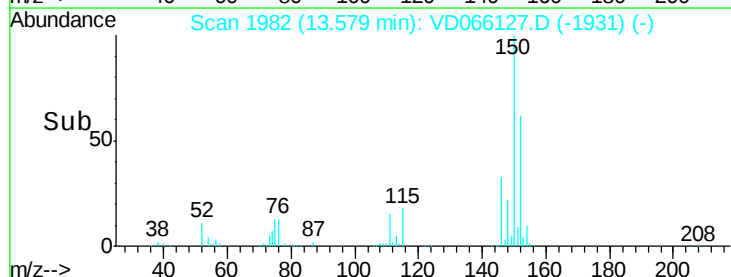
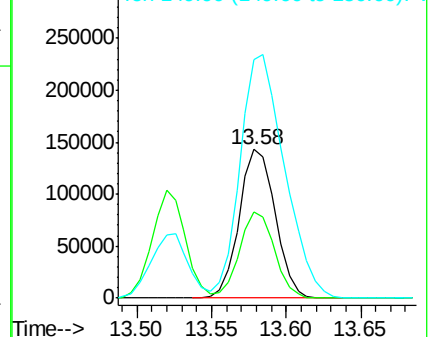
150 201.8 0.0 346.4

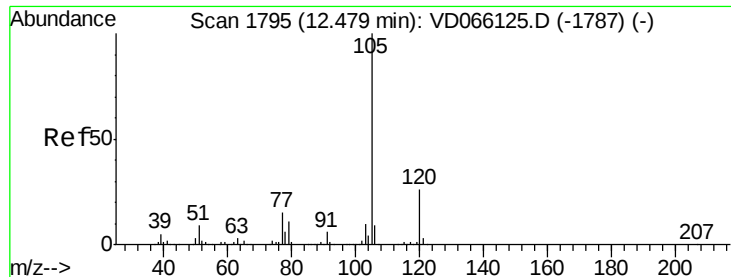


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 144.142 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

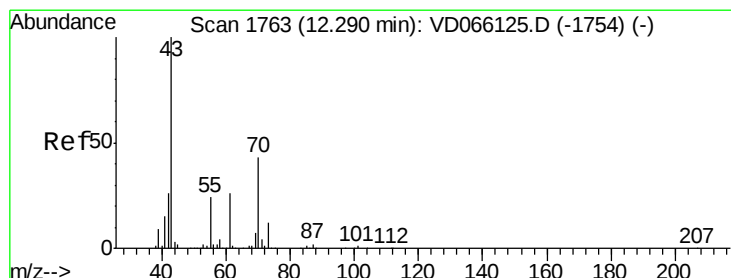
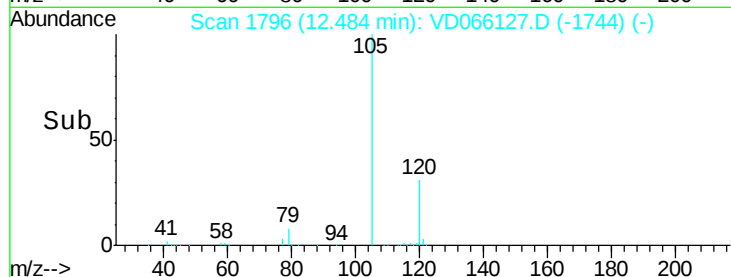
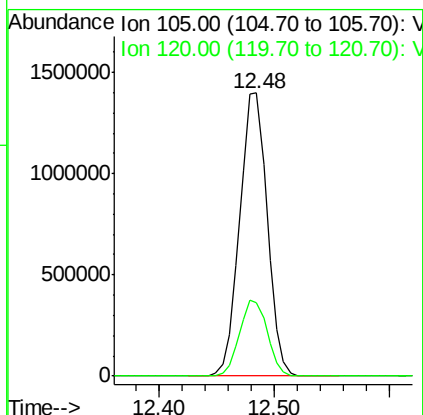
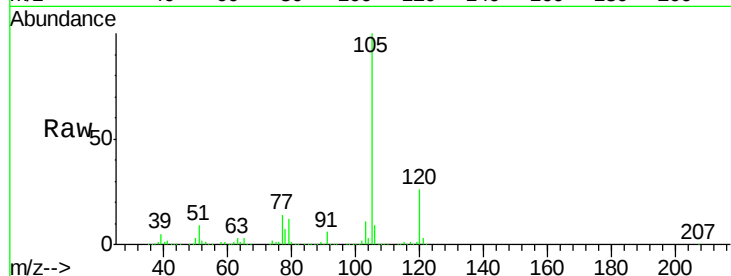
VSTDIC150

Tgt Ion:105 Resp: 2318906

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 157.707 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Tgt Ion: 43 Resp: 545820

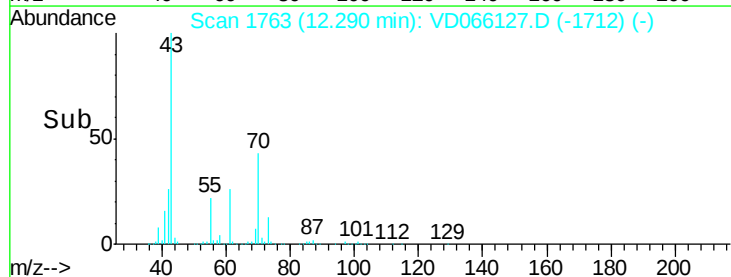
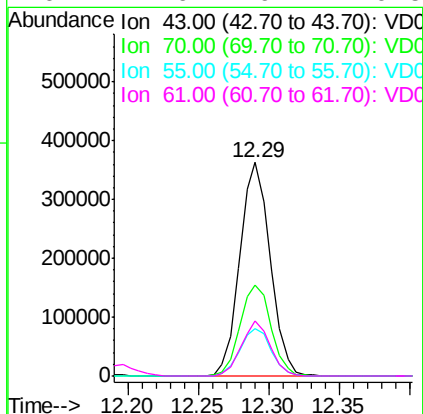
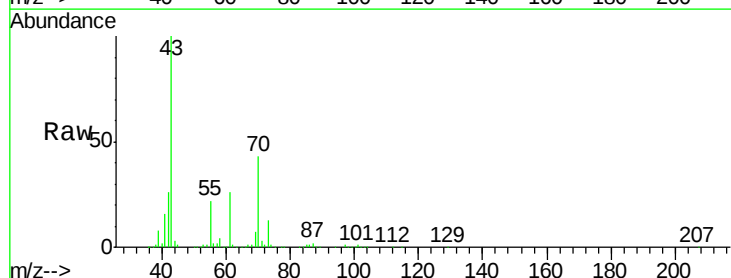
Ion Ratio Lower Upper

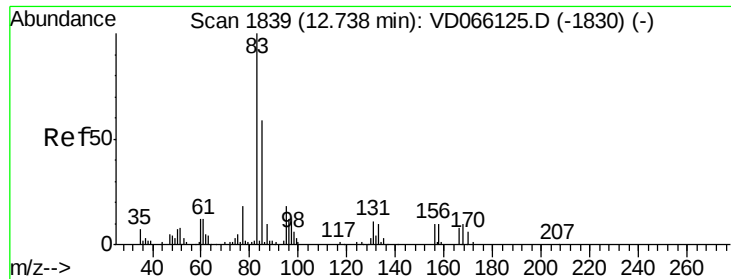
43 100

70 43.5 34.9 52.3

55 23.1 19.2 28.8

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 138.465 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

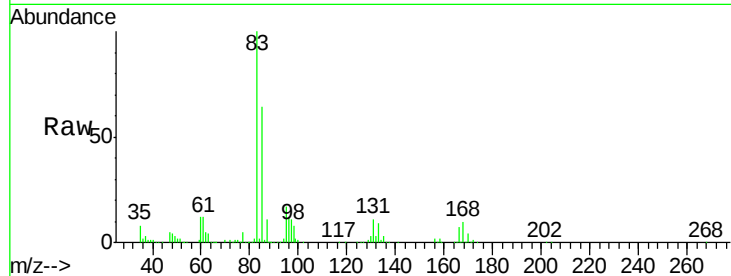
Tgt Ion: 83 Resp: 386298

Ion Ratio Lower Upper

83 100

131 11.8 6.2 18.6

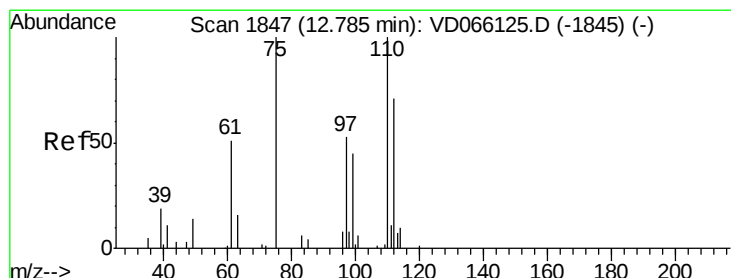
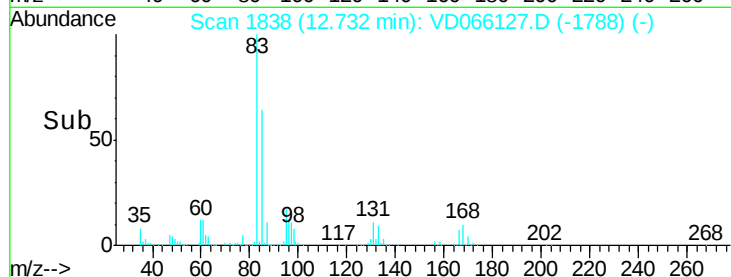
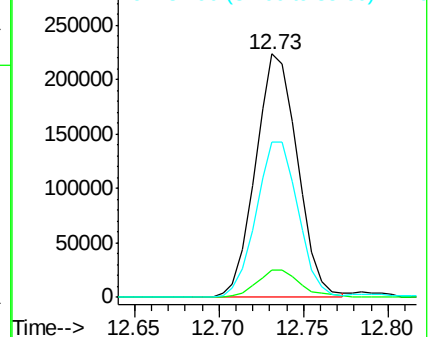
85 64.2 32.4 97.2



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: 256.811 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066127.D

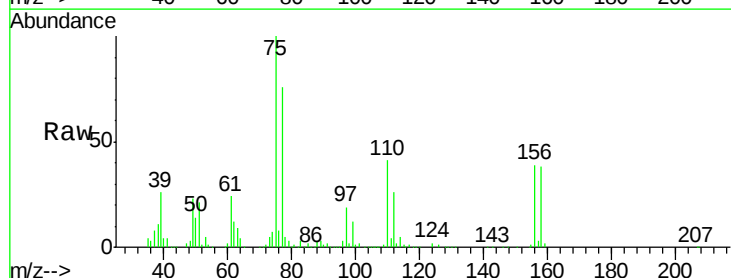
Acq: 05 Aug 2020 12:54

Tgt Ion: 75 Resp: 508213

Ion Ratio Lower Upper

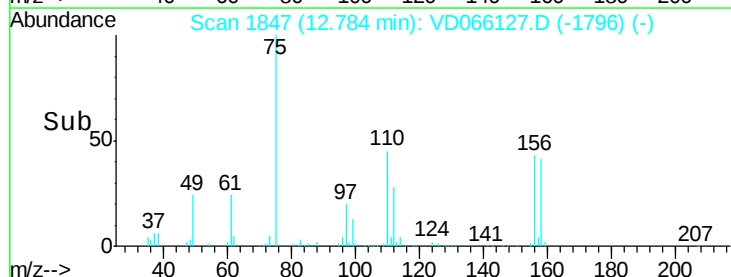
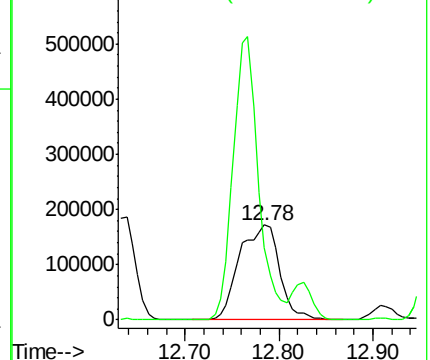
75 100

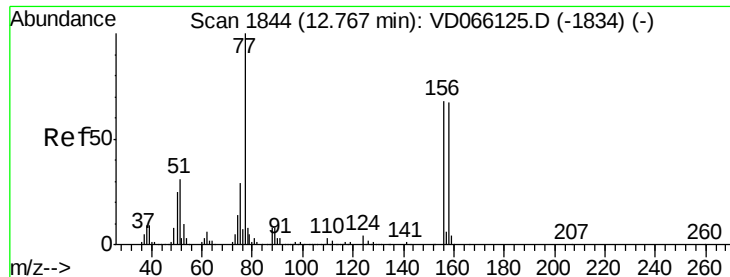
77 190.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 140.870 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

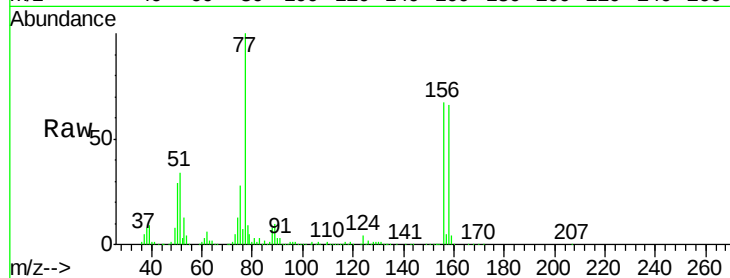
Tgt Ion:156 Resp: 588414

Ion Ratio Lower Upper

156 100

77 164.7 81.0 243.1

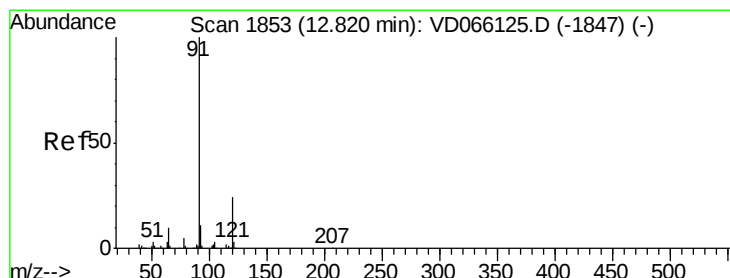
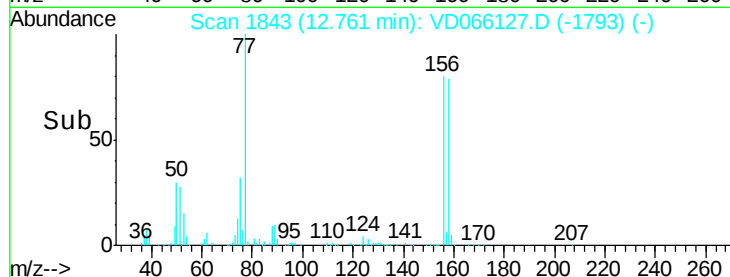
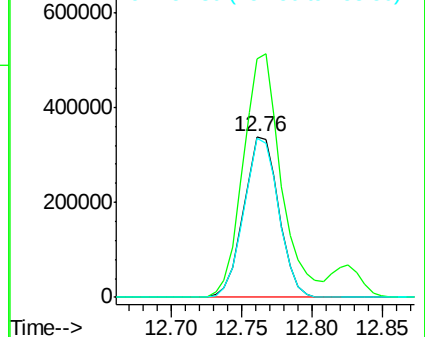
158 98.4 48.8 146.3



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: 142.393 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066127.D

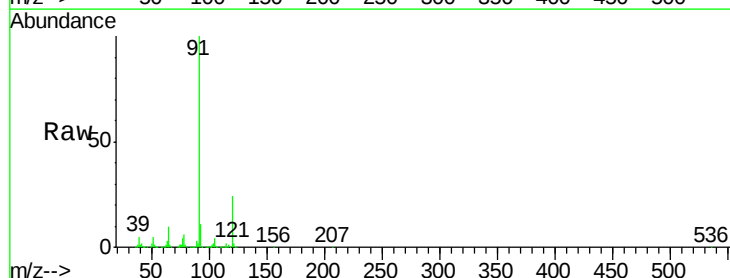
Acq: 05 Aug 2020 12:54

Tgt Ion: 91 Resp: 2675840

Ion Ratio Lower Upper

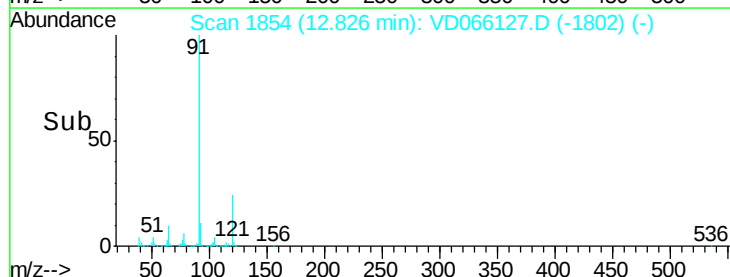
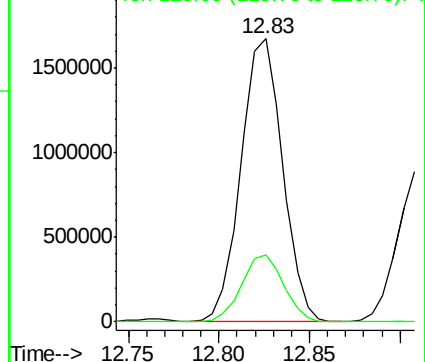
91 100

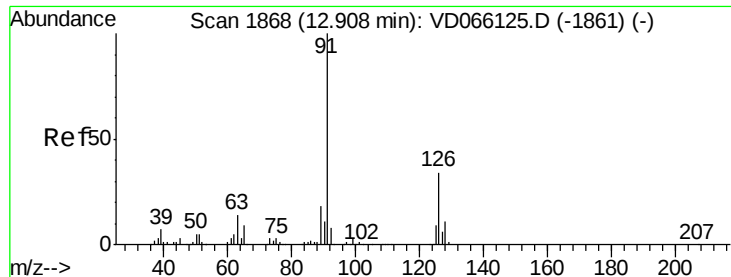
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

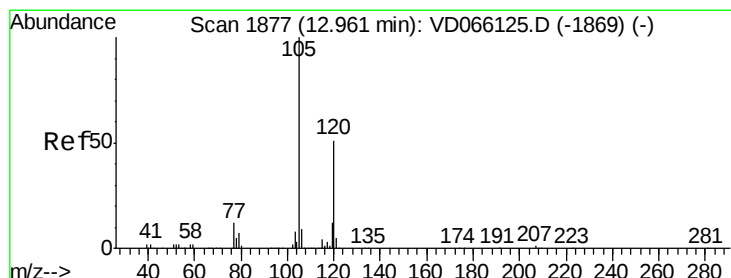
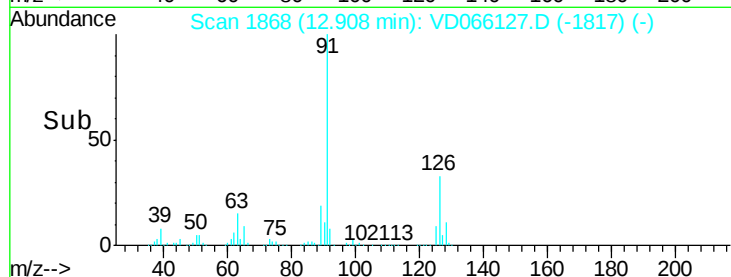
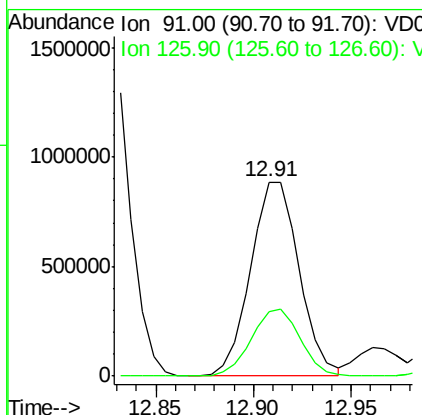
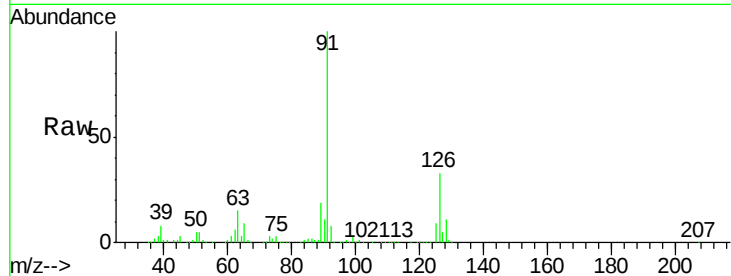




#79
 2-Chlorotoluene
 Concen: 141.788 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

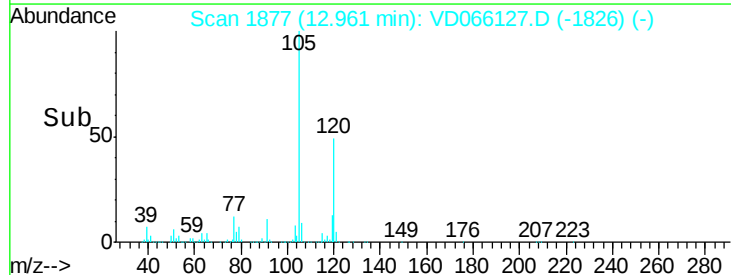
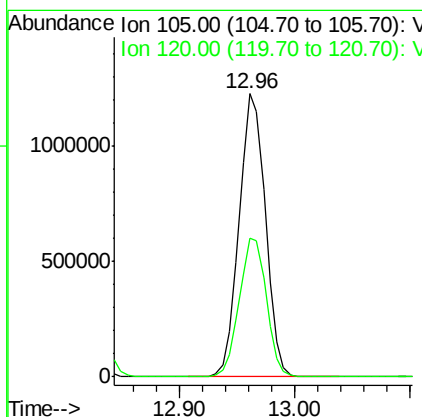
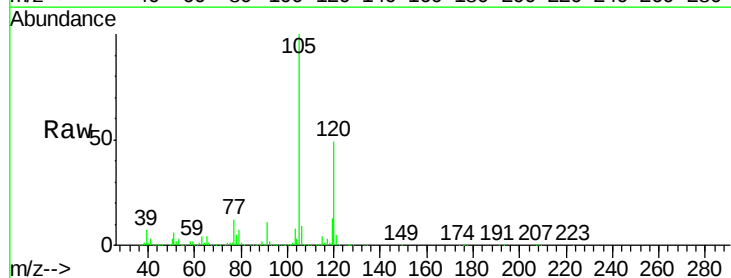
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

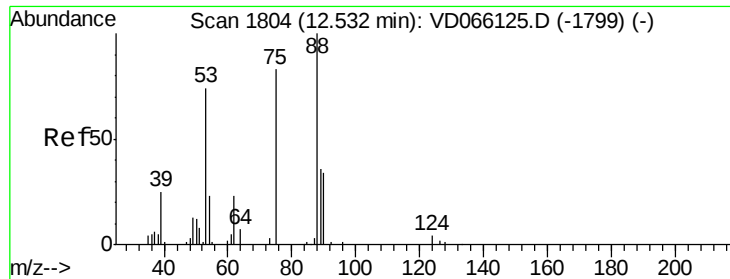
Tgt Ion: 91 Resp: 1527927
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 143.541 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion: 105 Resp: 1934385
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 148.498 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

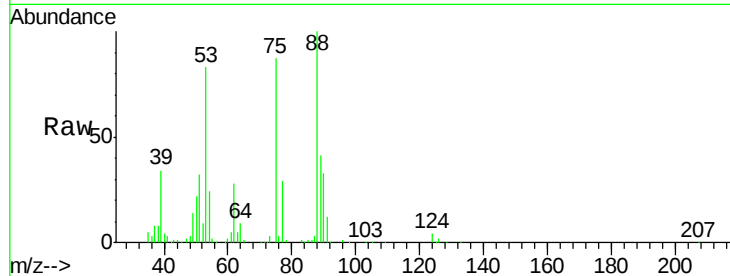
Tgt Ion: 75 Resp: 134217

Ion Ratio Lower Upper

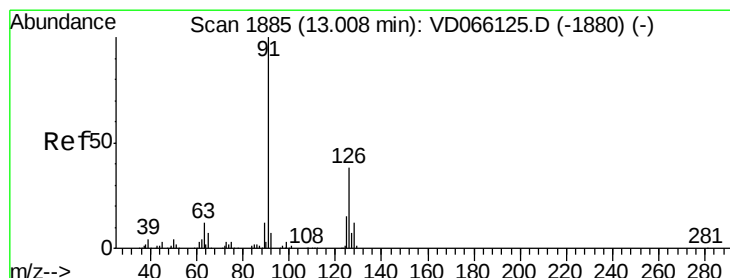
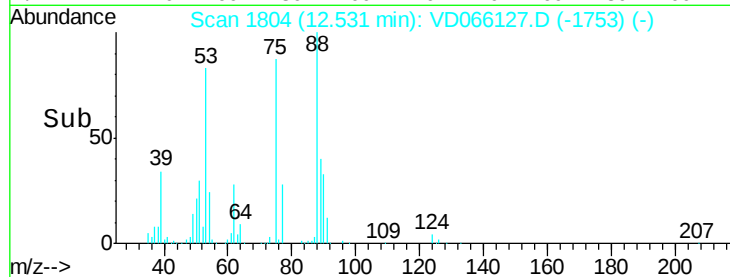
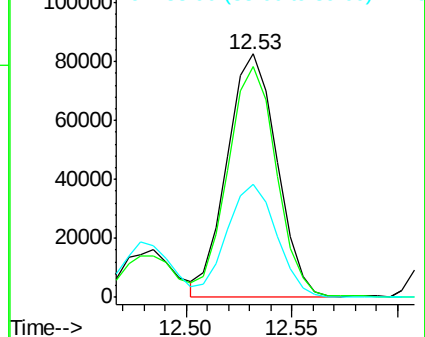
75 100

53 92.4 73.4 110.2

89 47.2 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 140.274 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066127.D

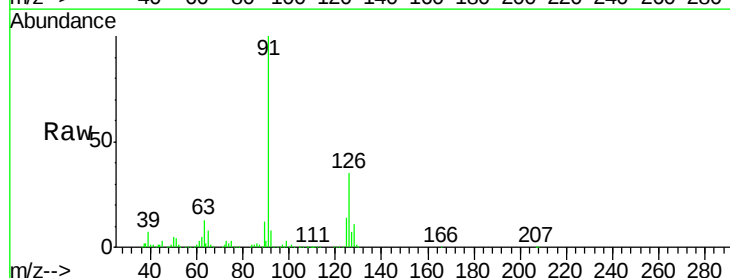
Acq: 05 Aug 2020 12:54

Tgt Ion: 91 Resp: 1601203

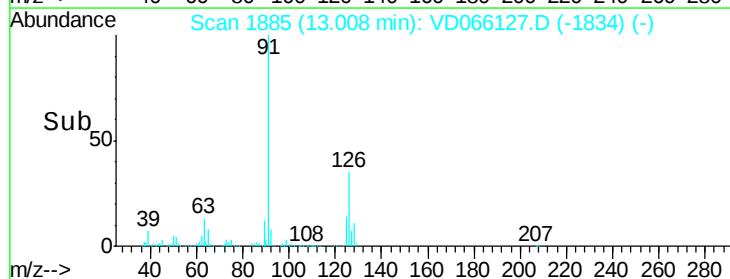
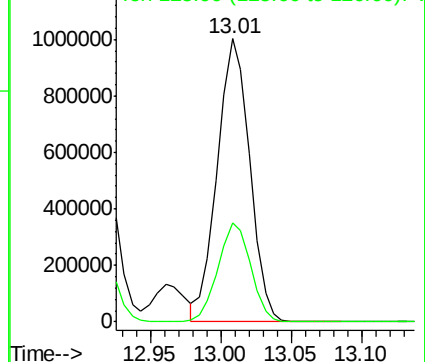
Ion Ratio Lower Upper

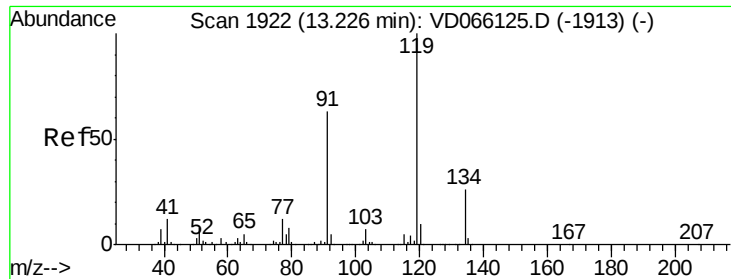
91 100

126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 145.174 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

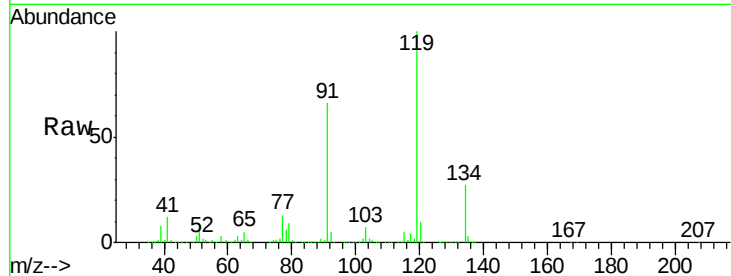
Tgt Ion:119 Resp: 1712545

Ion Ratio Lower Upper

119 100

91 62.1 30.8 92.4

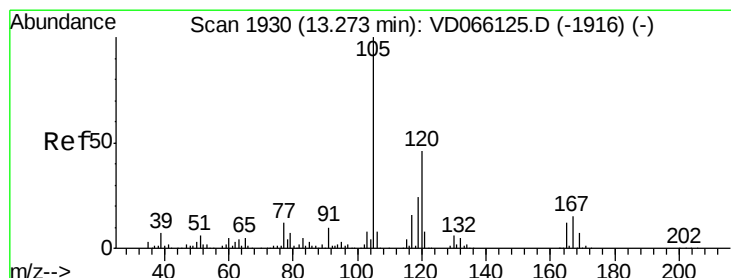
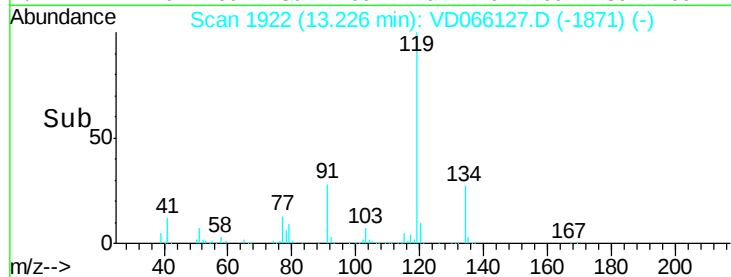
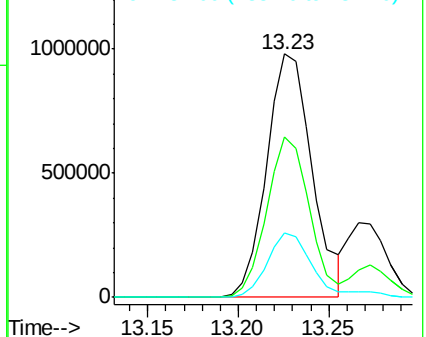
134 27.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 141.292 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066127.D

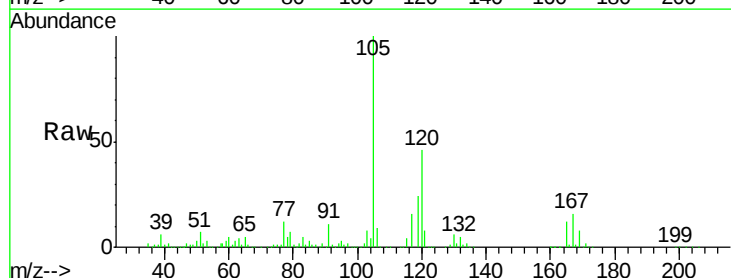
Acq: 05 Aug 2020 12:54

Tgt Ion:105 Resp: 1914879

Ion Ratio Lower Upper

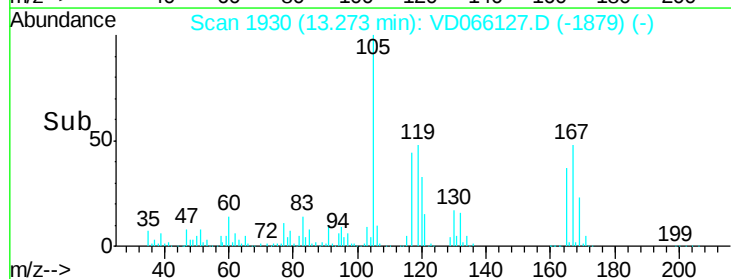
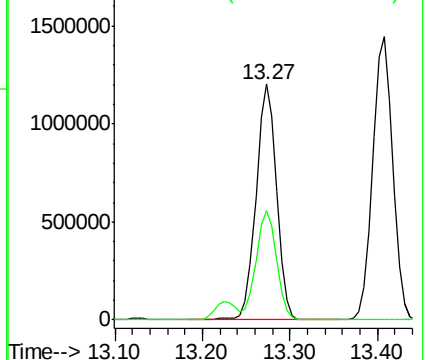
105 100

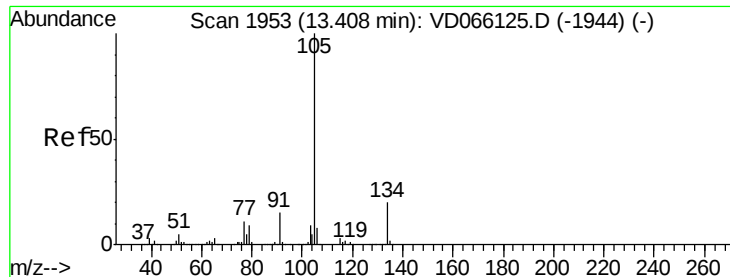
120 46.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 143.877 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

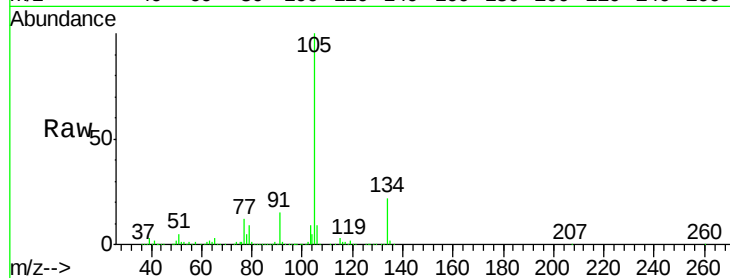
VSTDIC150

Tgt Ion:105 Resp: 2301457

Ion Ratio Lower Upper

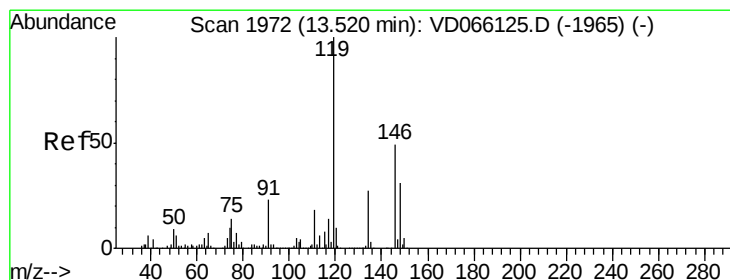
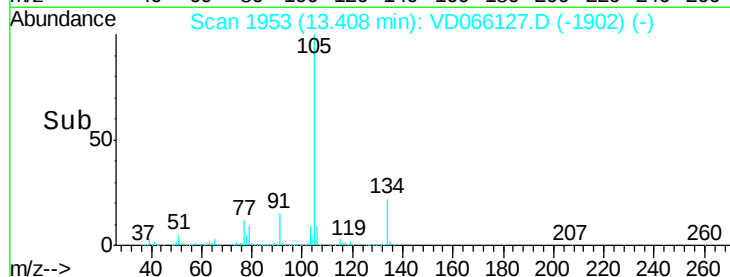
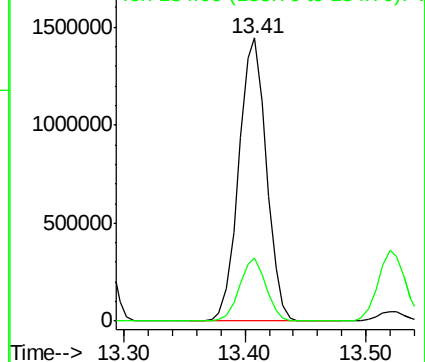
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 142.631 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

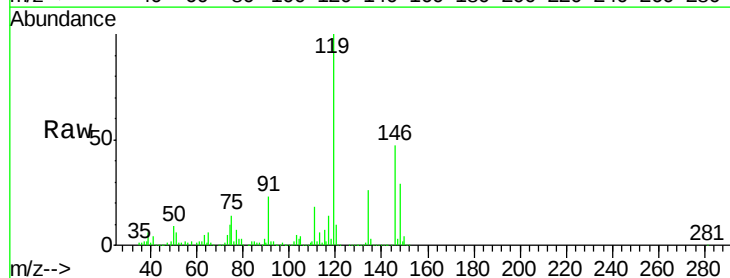
Tgt Ion:119 Resp: 2145822

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

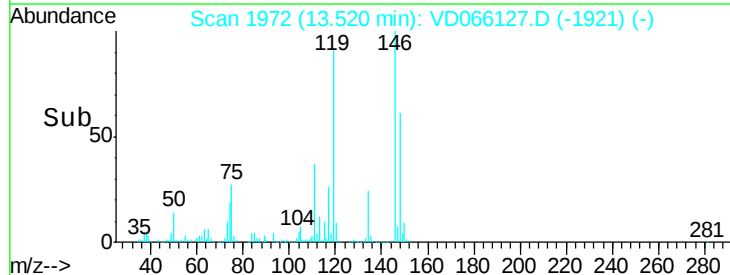
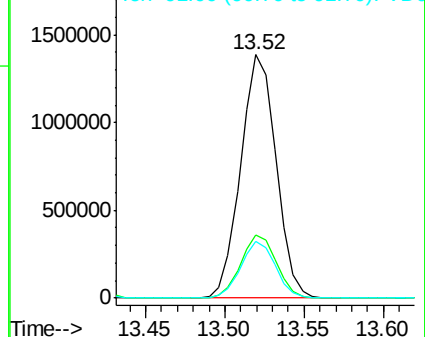
91 22.9 11.2 33.5

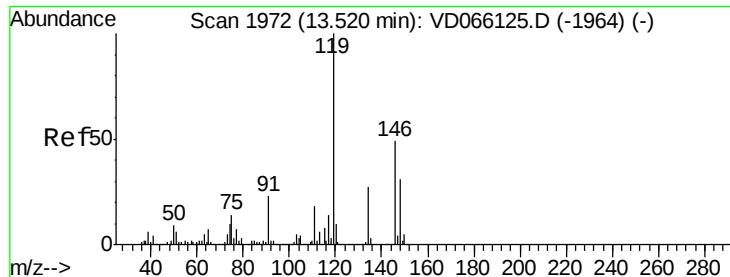


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 135.888 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

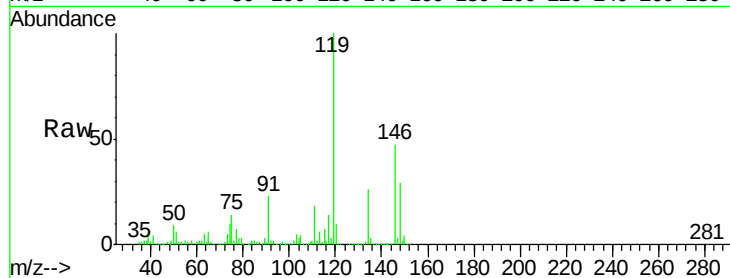
Tgt Ion:146 Resp: 1079956

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

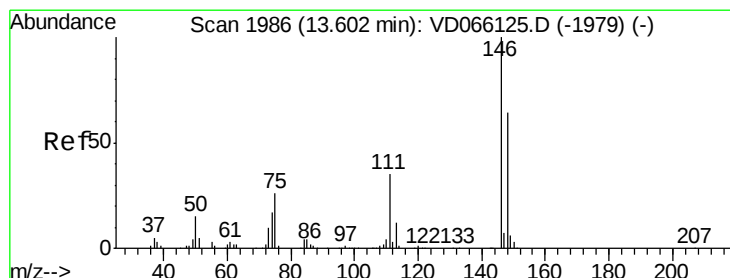
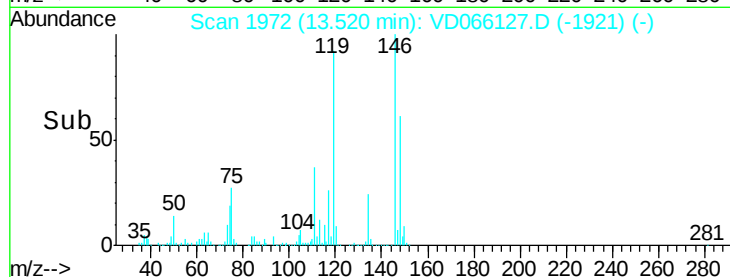
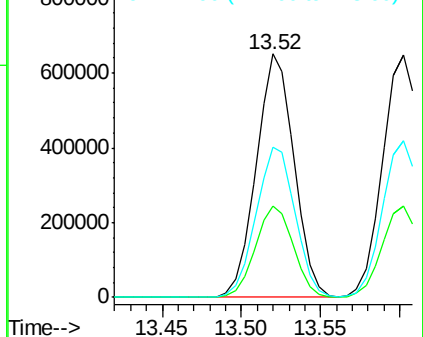
148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 136.931 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

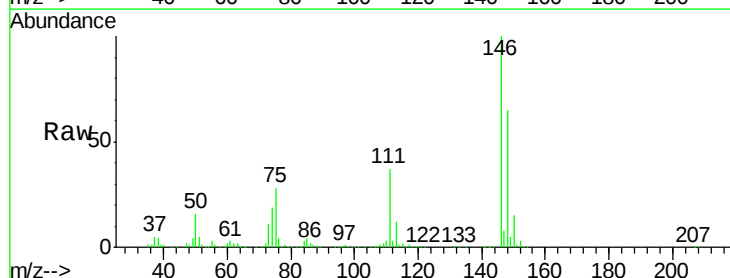
Tgt Ion:146 Resp: 1081191

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

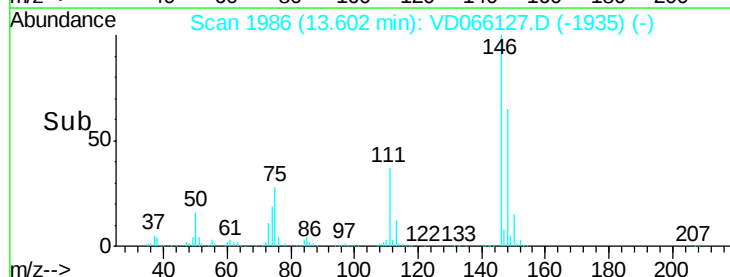
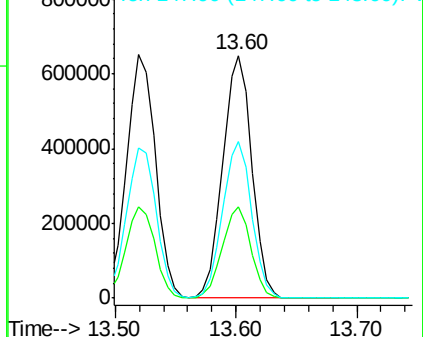
148 64.4 32.4 97.0

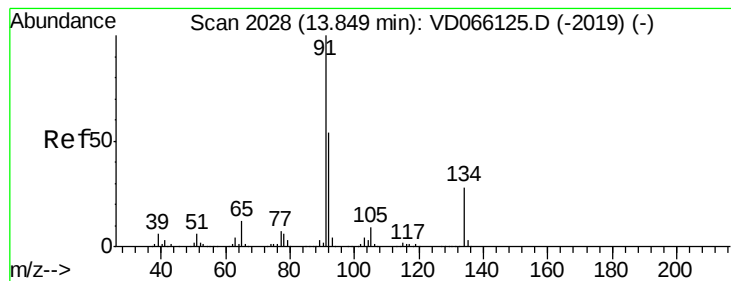


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 147.563 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

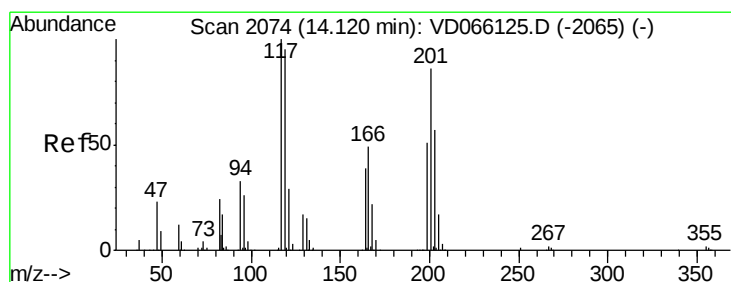
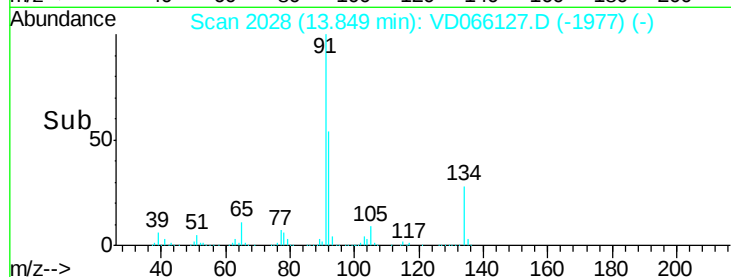
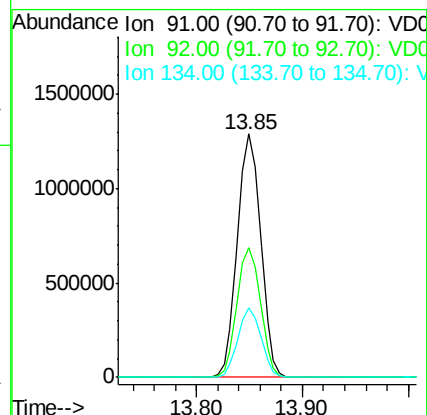
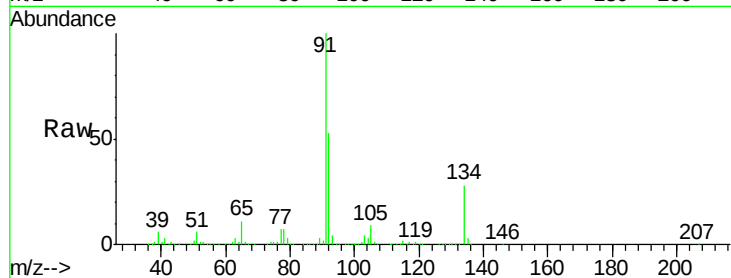
Tgt Ion: 91 Resp: 1968943

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

134 28.1 14.0 41.9



#90

Hexachloroethane

Concen: 144.054 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD066127.D

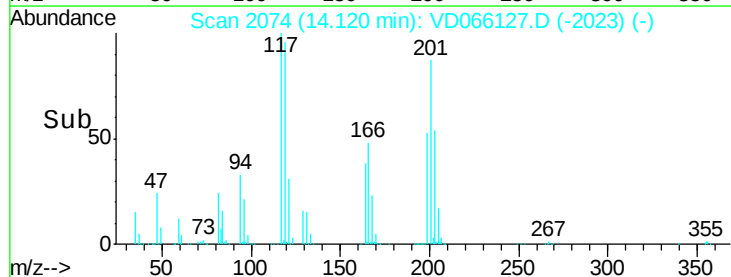
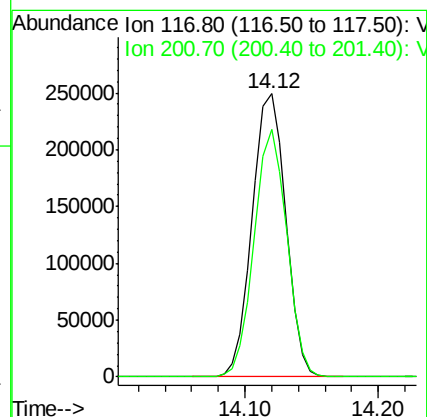
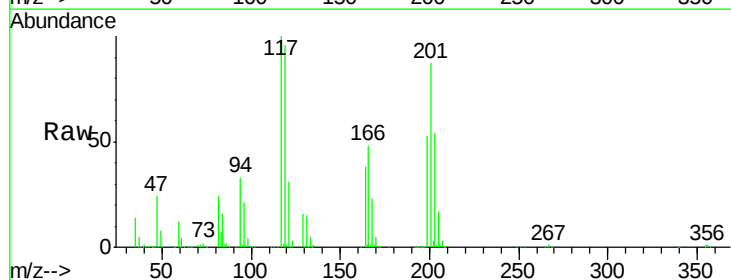
Acq: 05 Aug 2020 12:54

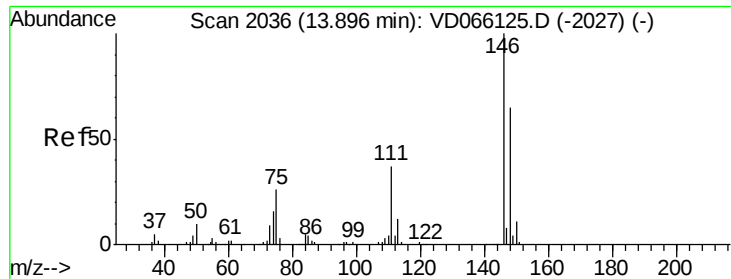
Tgt Ion: 117 Resp: 433001

Ion Ratio Lower Upper

117 100

201 85.0 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 137.666 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

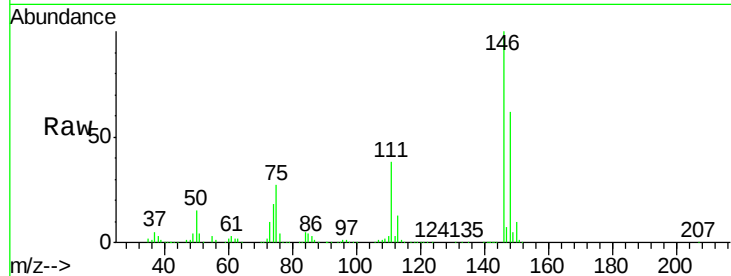
Tgt Ion:146 Resp: 964888

Ion Ratio Lower Upper

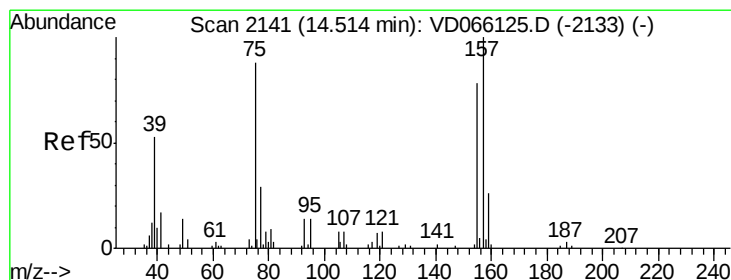
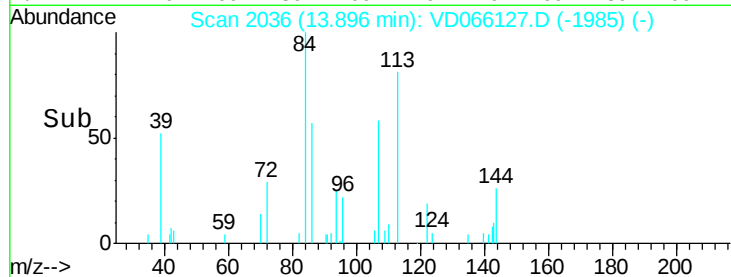
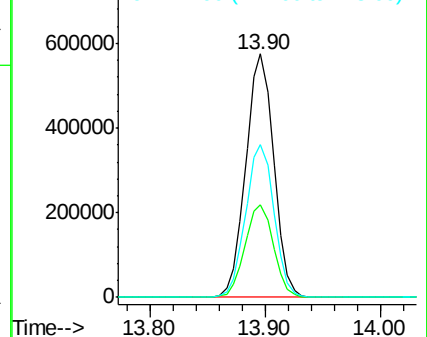
146 100

111 38.9 18.8 56.3

148 63.8 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 142.538 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD066127.D

Acq: 05 Aug 2020 12:54

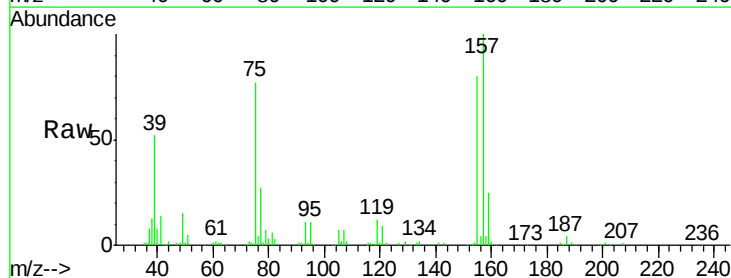
Tgt Ion: 75 Resp: 67684

Ion Ratio Lower Upper

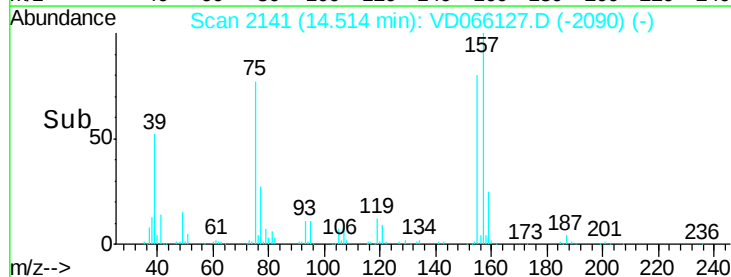
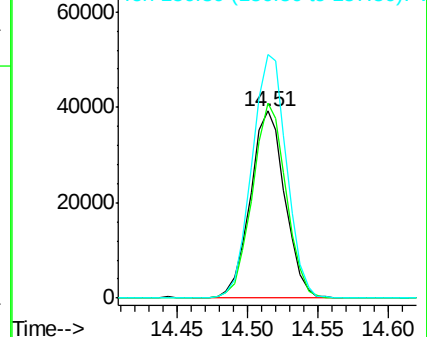
75 100

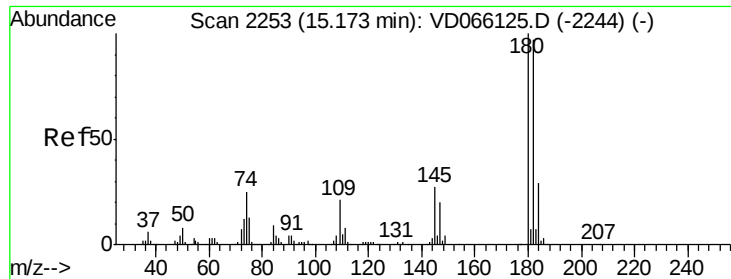
155 101.2 47.7 143.1

157 130.2 62.1 186.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

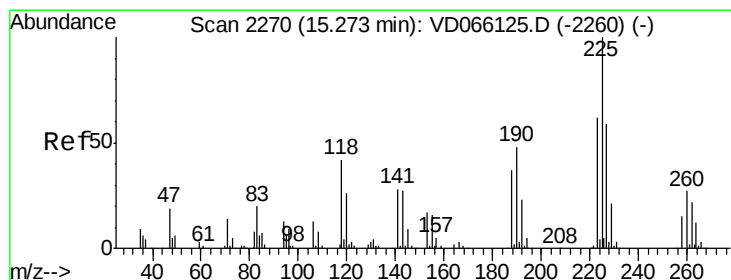
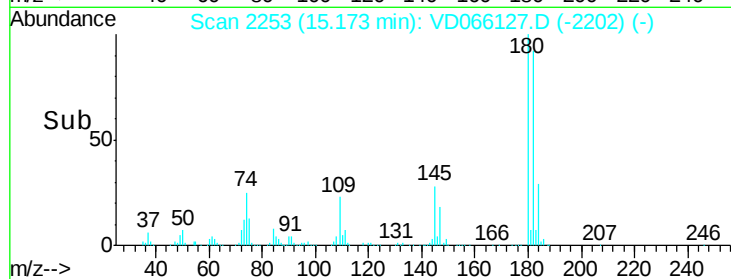
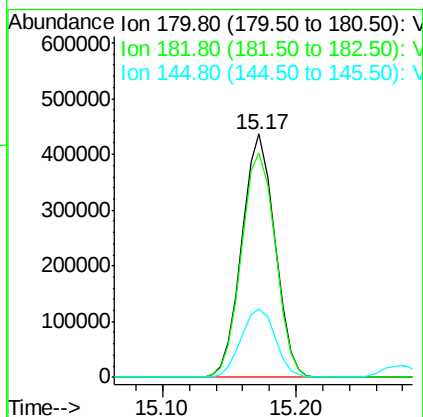
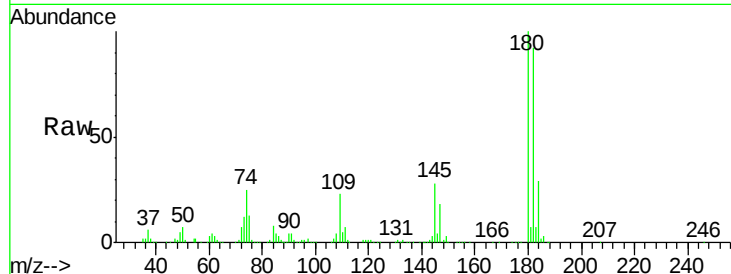




#93
 1,2,4-Trichlorobenzene
 Concen: 148.505 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

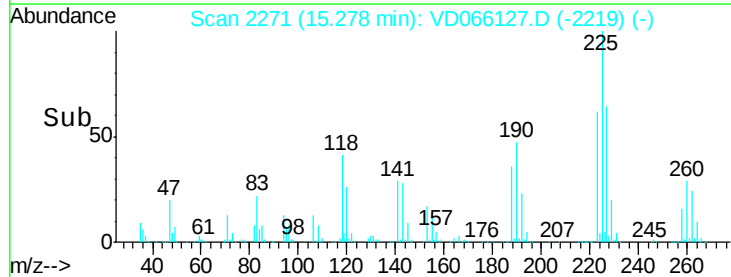
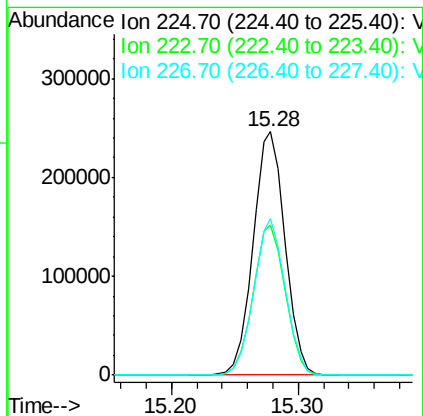
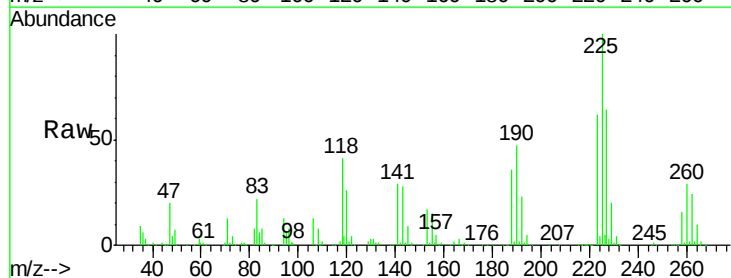
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

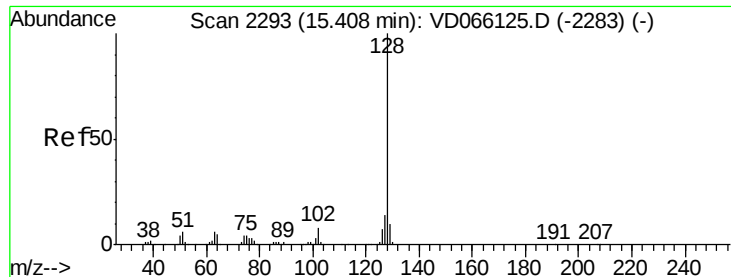
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	29.5	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 144.038 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066127.D
 Acq: 05 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.3	96.9
227	63.4	32.1	96.5

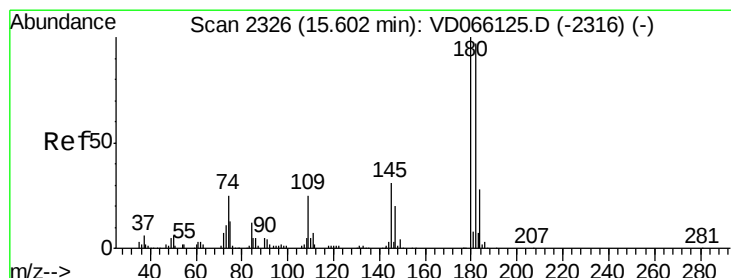
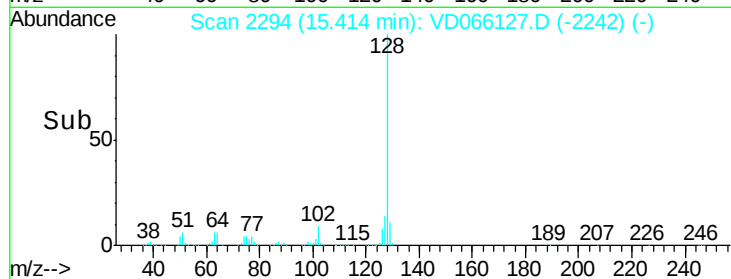
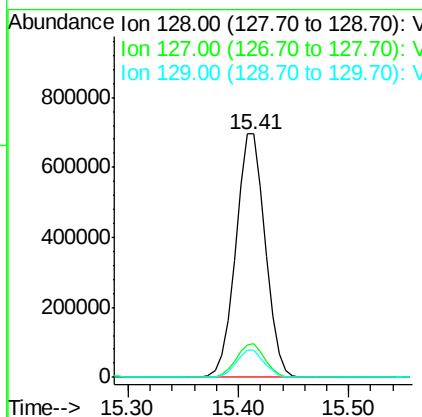
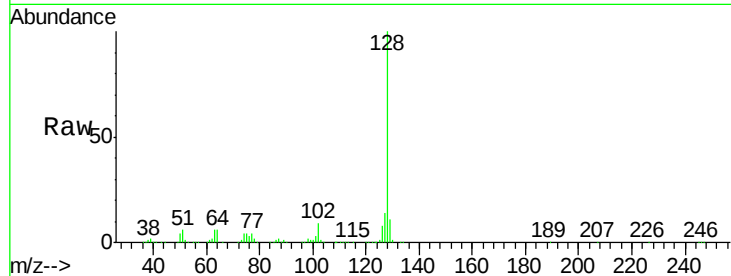




#95
Naphthalene
Concen: 163.831 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1300118
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 147.182 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066127.D
Acq: 05 Aug 2020 12:54

Tgt Ion:180 Resp: 655618
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 30.9 14.9 44.9

