

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
 Data File : VD065875.D
 Acq On : 26 Jun 2020 11:38
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 26 18:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	151943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	249151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	225308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	105951	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	30653	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	
35) Dibromofluoromethane	7.91	113	30009	20.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.16%	
50) Toluene-d8	10.34	98	110762	19.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.14%	
62) 4-Bromofluorobenzene	12.64	95	34393	18.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	31945	22.255	ug/l	98
3) Chloromethane	2.21	50	43337	21.310	ug/l	100
4) Vinyl Chloride	2.35	62	49321	22.350	ug/l	99
5) Bromomethane	2.76	94	30482	21.150	ug/l	99
6) Chloroethane	2.91	64	30592	21.623	ug/l	99
7) Trichlorofluoromethane	3.27	101	60293	21.203	ug/l	99
8) Diethyl Ether	3.71	74	15107	20.858	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	32953	20.708	ug/l	99
10) Methyl Iodide	4.30	142	28508	19.284	ug/l	98
11) Tert butyl alcohol	5.22	59	8149	93.384	ug/l #	83
12) 1,1-Dichloroethene	4.06	96	31855	21.081	ug/l	98
13) Acrolein	3.92	56	12108	108.839	ug/l	97
14) Allyl chloride	4.71	41	49210	20.954	ug/l	94
15) Acrylonitrile	5.42	53	34681	109.997	ug/l	95
16) Acetone	4.16	43	31544	101.457	ug/l	94
17) Carbon Disulfide	4.41	76	108342	21.737	ug/l	99
18) Methyl Acetate	4.71	43	14281	21.542	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	67681	20.900	ug/l	97
20) Methylene Chloride	4.97	84	37433	19.871	ug/l	83
21) trans-1,2-Dichloroethene	5.47	96	35223	20.704	ug/l	99
22) Diisopropyl ether	6.36	45	97554	20.162	ug/l	96
23) Vinyl Acetate	6.31	43	283668	100.928	ug/l	99
24) 1,1-Dichloroethane	6.26	63	59770	20.374	ug/l	99
25) 2-Butanone	7.21	43	42267	102.345	ug/l	95
26) 2,2-Dichloropropane	7.21	77	52845	19.844	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	38455	21.025	ug/l	97
28) Bromochloromethane	7.54	49	22212	20.600	ug/l	99
29) Tetrahydrofuran	7.57	42	27454	107.309	ug/l	96
30) Chloroform	7.71	83	63737	20.582	ug/l	96
31) Cyclohexane	7.98	56	55514	19.873	ug/l #	93
32) 1,1,1-Trichloroethane	7.90	97	58114	20.206	ug/l	100
36) 1,1-Dichloropropene	8.11	75	49821	20.259	ug/l	98
37) Ethyl Acetate	7.29	43	17487	18.659	ug/l #	97
38) Carbon Tetrachloride	8.10	117	52788	20.162	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	57851	20.157	ug/l	96
40) Benzene	8.35	78	137926	20.356	ug/l	95
41) Methacrylonitrile	7.52	41	9771	16.786	ug/l #	1
42) 1,2-Dichloroethane	8.42	62	40626	20.509	ug/l	100
43) Isopropyl Acetate	8.46	43	35645	19.638	ug/l	99
44) Trichloroethene	9.11	130	36615	20.300	ug/l	93
45) 1,2-Dichloropropane	9.38	63	32162	19.672	ug/l	100
46) Dibromomethane	9.48	93	18377	20.863	ug/l	97
47) Bromodichloromethane	9.66	83	48507	20.224	ug/l	96
48) Methyl methacrylate	9.46	41	17330	19.539	ug/l	96
49) 1,4-Dioxane	9.46	88	4364	445.298	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	90518	98.799	ug/l	99
52) Toluene	10.41	92	86237	19.830	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	44885	20.276	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	54396	20.537	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	24291	20.555	ug/l	91
56) Ethyl methacrylate	10.66	69	28931	19.757	ug/l	99
57) 1,3-Dichloropropane	10.95	76	42071	20.077	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	65156	101.654	ug/l	98
59) 2-Hexanone	10.98	43	63734	98.402	ug/l	97
60) Dibromochloromethane	11.14	129	32368	20.307	ug/l	99
61) 1,2-Dibromoethane	11.25	107	23059	20.072	ug/l	98
64) Tetrachloroethene	10.88	164	30489	20.814	ug/l	96
65) Chlorobenzene	11.67	112	90718	20.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	33214	20.178	ug/l	98
67) Ethyl Benzene	11.74	91	163188	19.806	ug/l	96
68) m/p-Xylenes	11.86	106	124115	39.490	ug/l	99
69) o-Xylene	12.18	106	55665	19.763	ug/l	97
70) Styrene	12.20	104	97043	19.687	ug/l	99
71) Bromoform	12.37	173	18002	20.529	ug/l #	95
73) Isopropylbenzene	12.48	105	154168	20.347	ug/l	99
74) N-amyl acetate	12.29	43	34051	20.581	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	26085	20.882	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	34747	39.558	ug/l #	1
77) Bromobenzene	12.76	156	35278	20.685	ug/l	98
78) n-propylbenzene	12.83	91	188621	20.614	ug/l	98
79) 2-Chlorotoluene	12.91	91	103457	20.576	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	128379	20.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	8719	20.437	ug/l	99
82) 4-Chlorotoluene	13.01	91	110232	20.387	ug/l	97
83) tert-Butylbenzene	13.23	119	104857	19.540	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	127107	20.231	ug/l	99
85) sec-Butylbenzene	13.41	105	153107	20.195	ug/l	97
86) p-Isopropyltoluene	13.52	119	139483	20.037	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	66683	20.073	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	68064	20.494	ug/l	98
89) n-Butylbenzene	13.85	91	136509	20.226	ug/l	98
90) Hexachloroethane	14.12	117	29778	21.216	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	59665	20.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4140	20.690	ug/l	96

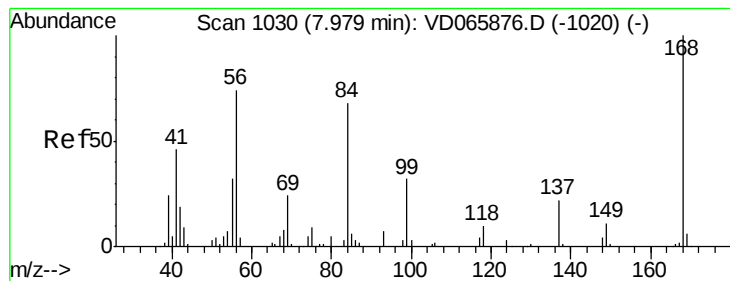
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
Data File : VD065875.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	39293	20.952	ug/l	97
94) Hexachlorobutadiene	15.27	225	21125	20.474	ug/l	97
95) Naphthalene	15.40	128	68778	21.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	32120	20.730	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. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

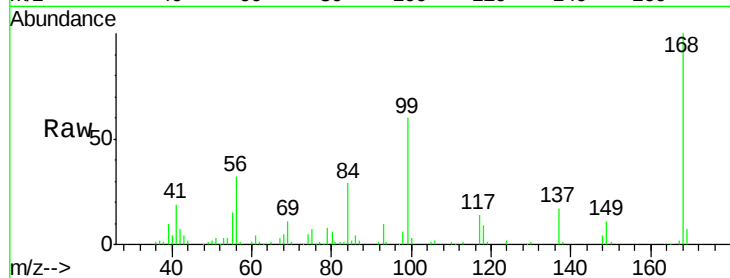
VSTDIC020

Tgt Ion:168 Resp: 151943

Ion Ratio Lower Upper

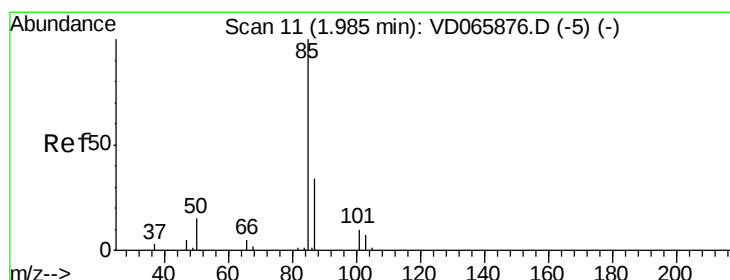
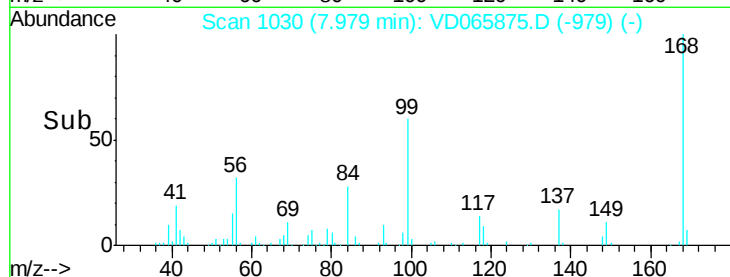
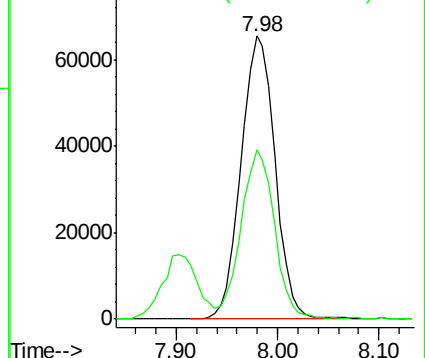
168 100

99 59.5 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.255 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065875.D

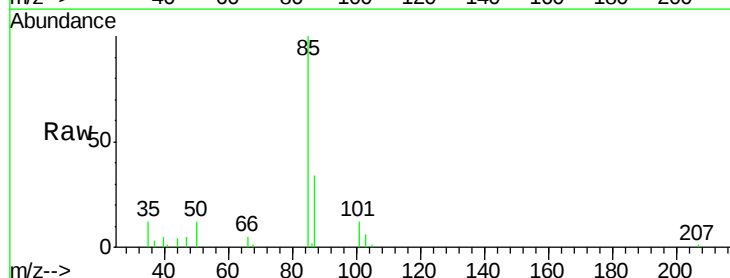
Acq: 26 Jun 2020 11:38

Tgt Ion: 85 Resp: 31945

Ion Ratio Lower Upper

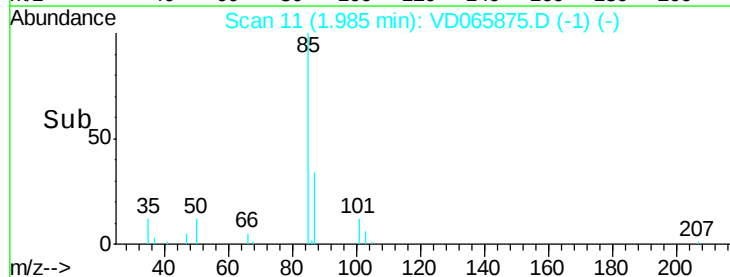
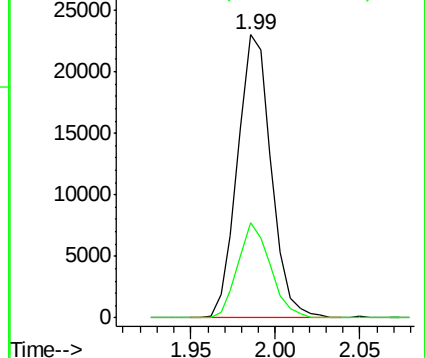
85 100

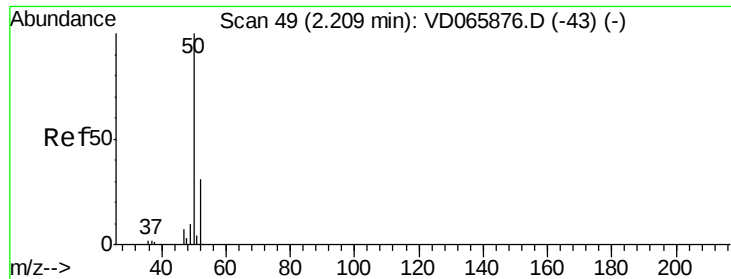
87 33.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.310 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

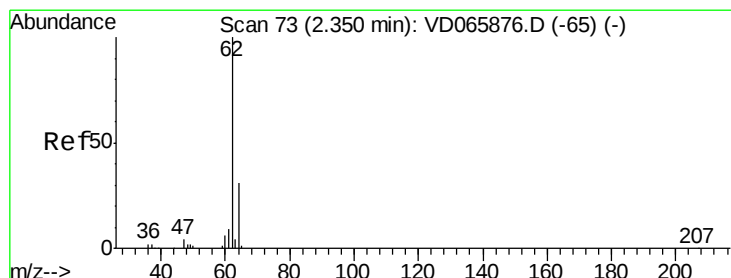
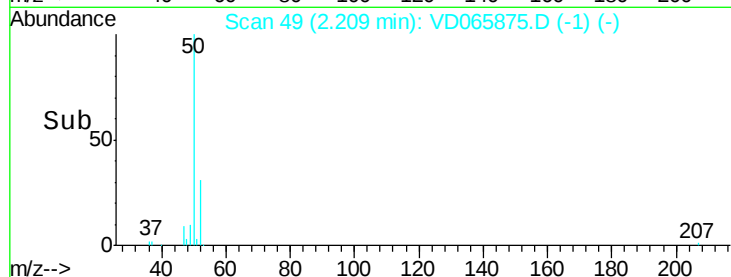
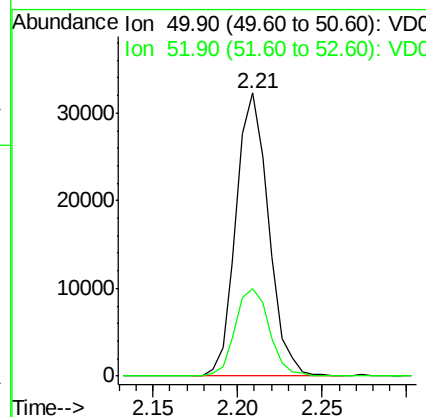
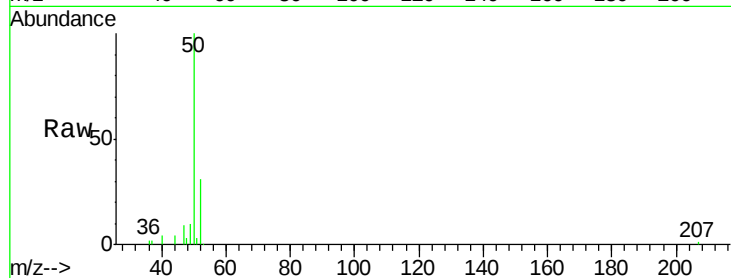
VSTDIC020

Tgt Ion: 50 Resp: 43337

Ion Ratio Lower Upper

50 100

52 30.8 24.7 37.1



#4

Vinyl Chloride

Concen: 22.350 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065875.D

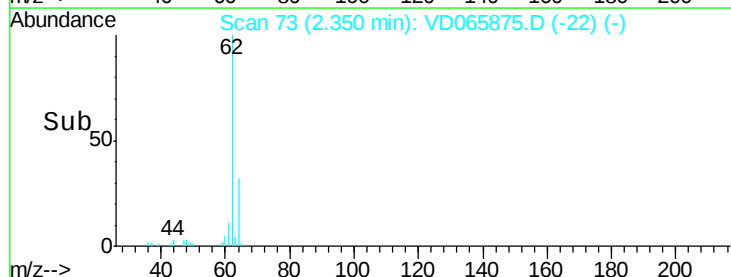
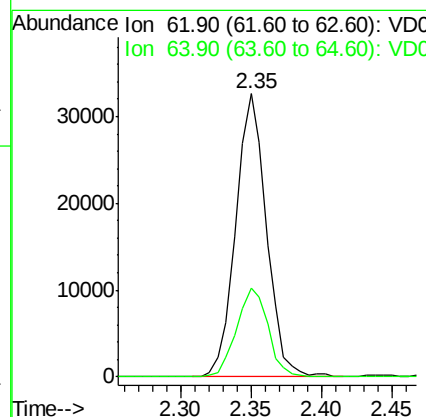
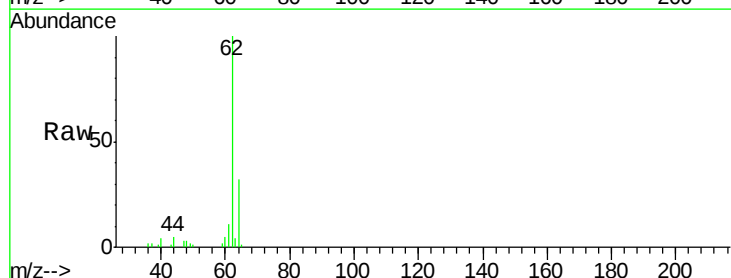
Acq: 26 Jun 2020 11:38

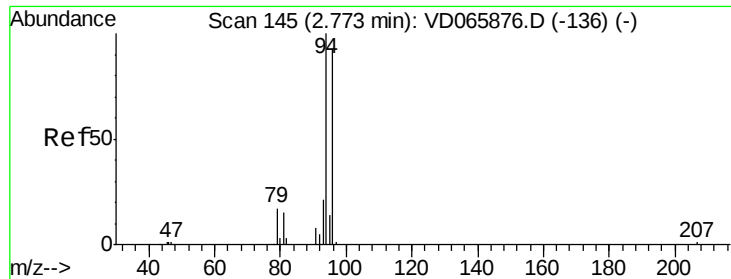
Tgt Ion: 62 Resp: 49321

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 21.150 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

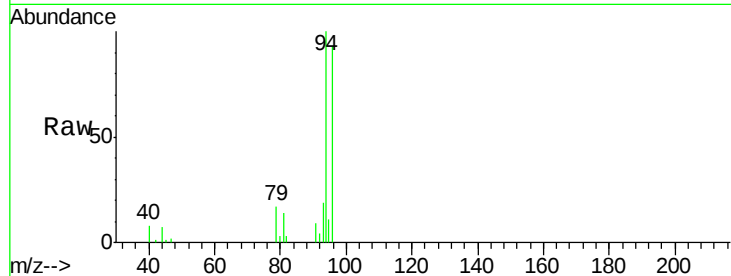
VSTDIC020

Tgt Ion: 94 Resp: 30482

Ion Ratio Lower Upper

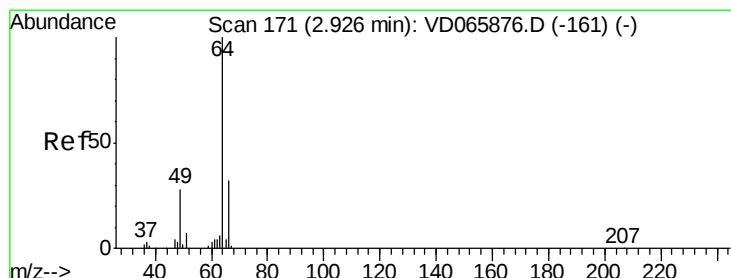
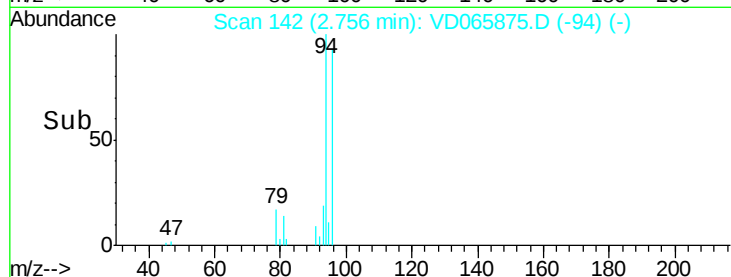
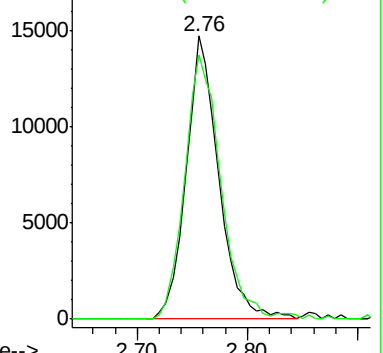
94 100

96 93.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.623 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065875.D

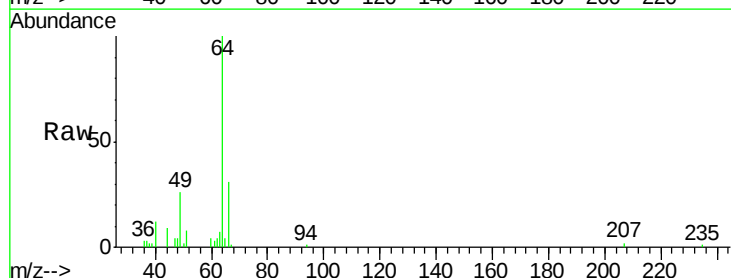
Acq: 26 Jun 2020 11:38

Tgt Ion: 64 Resp: 30592

Ion Ratio Lower Upper

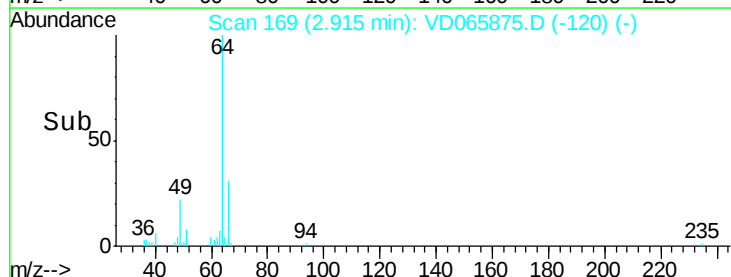
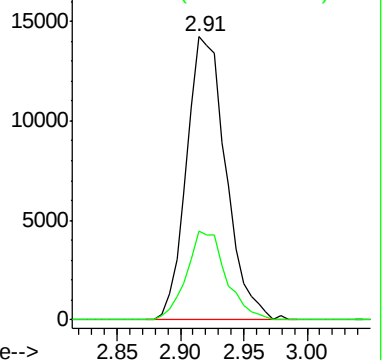
64 100

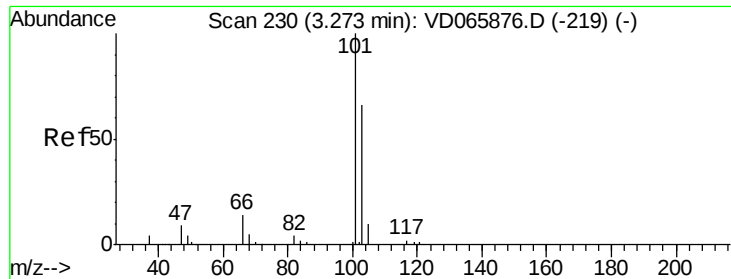
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



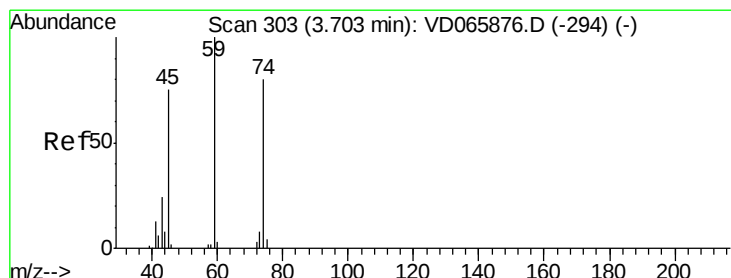
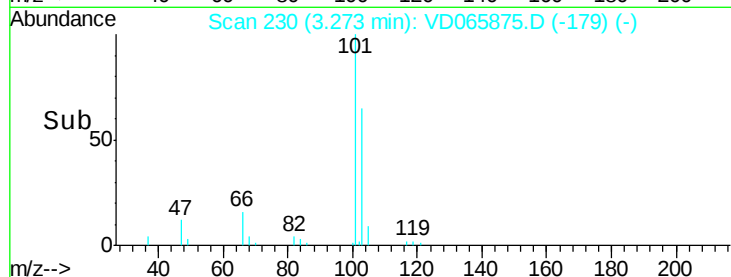
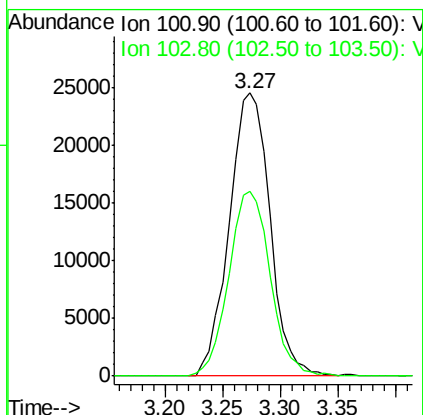
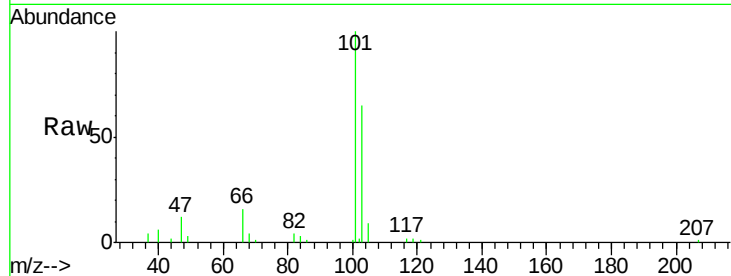


#7

Trichlorofluoromethane
 Concen: 21.203 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Instrument :
 MSVOA_D
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 VSTDIC020

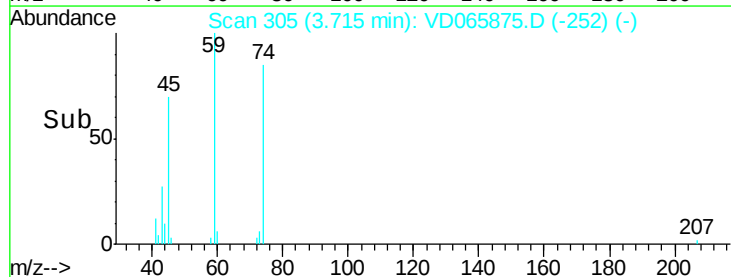
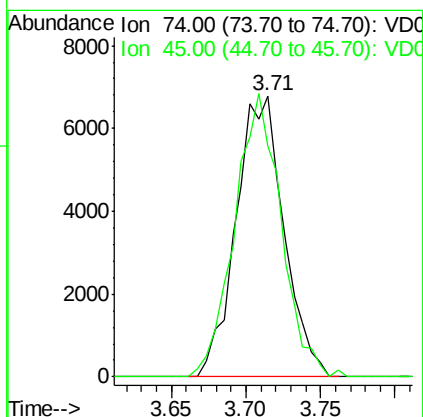
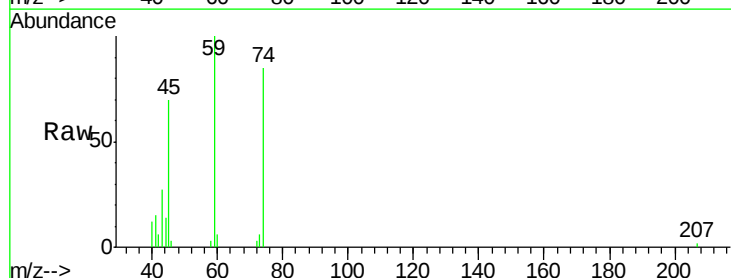
Tgt Ion:101 Resp: 60293
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.9 79.3

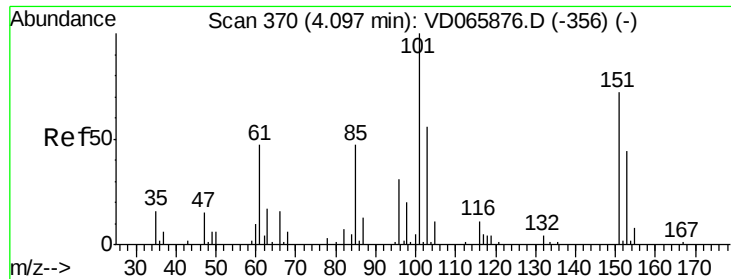


#8

Diethyl Ether
 Concen: 20.858 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 74 Resp: 15107
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.708 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

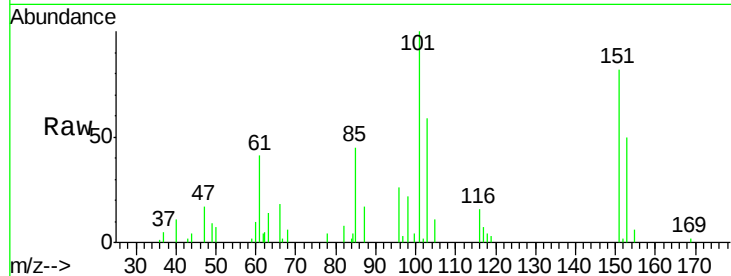
Tgt Ion:101 Resp: 32953

Ion Ratio Lower Upper

101 100

85 47.9 38.6 58.0

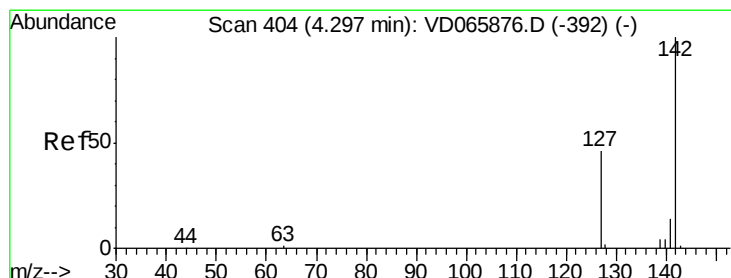
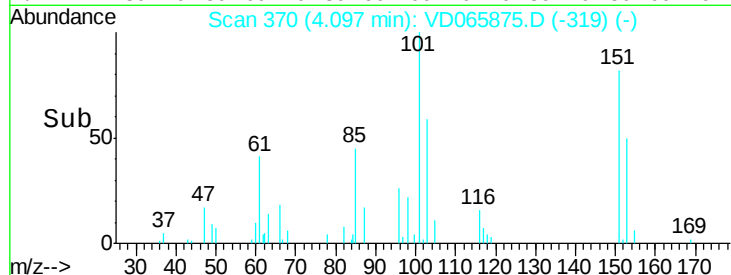
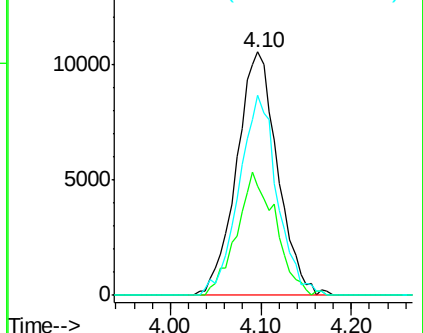
151 77.1 60.7 91.1



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: 19.284 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

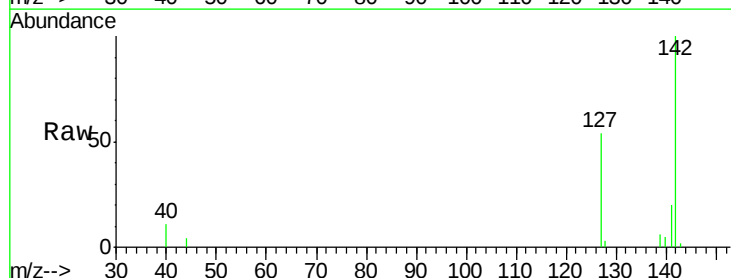
Tgt Ion:142 Resp: 28508

Ion Ratio Lower Upper

142 100

127 49.3 39.0 58.6

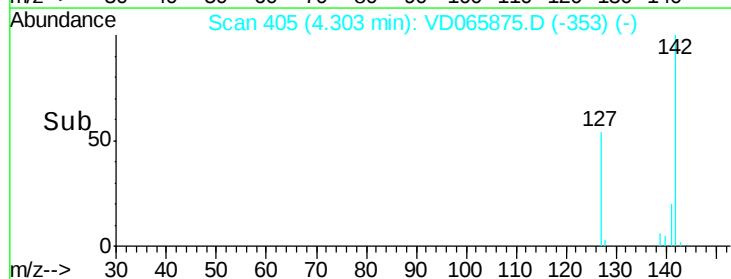
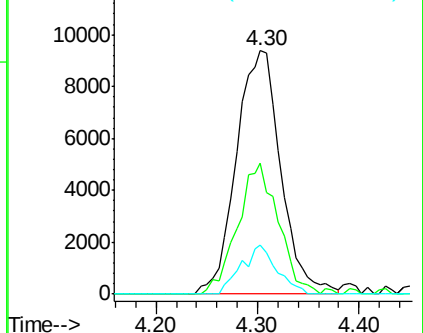
141 16.2 11.5 17.3

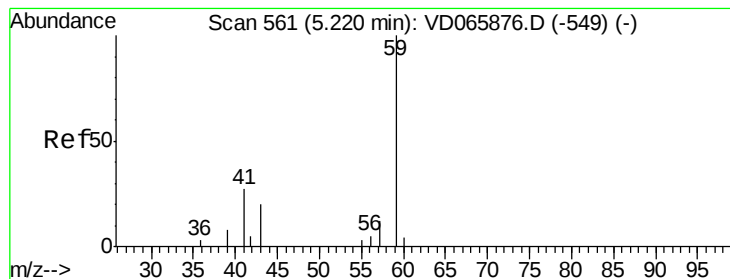


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



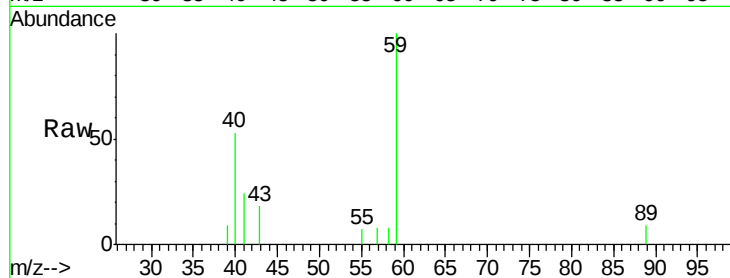


#11

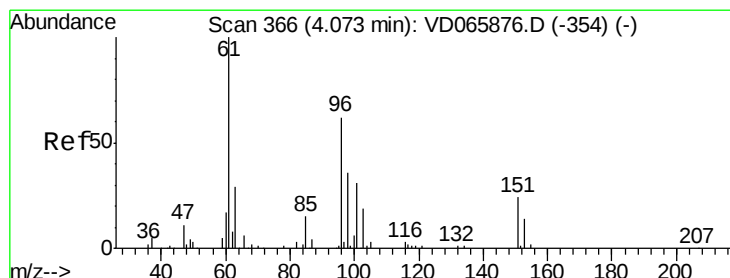
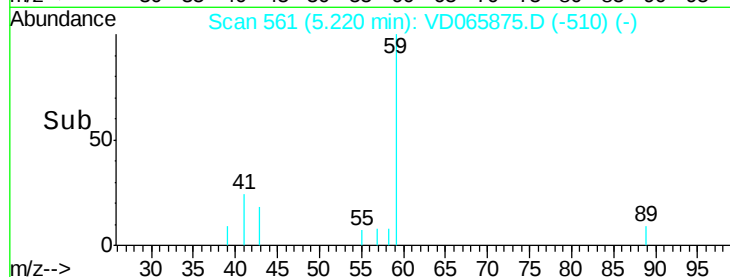
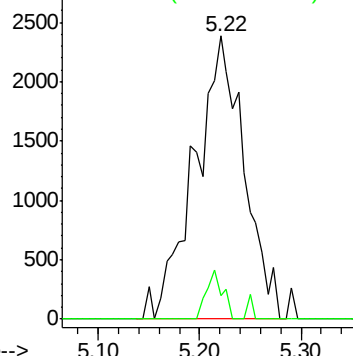
Tert butyl alcohol
 Concen: 93.384 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 59 Resp: 8149
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.7 14.5#



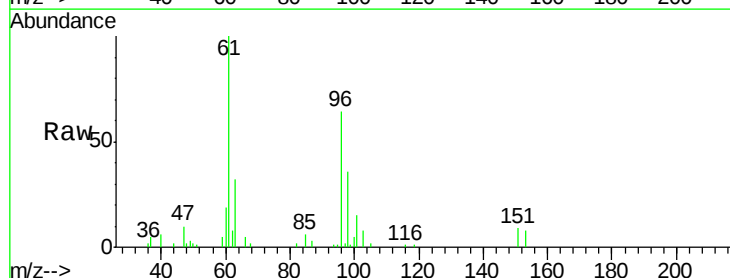
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



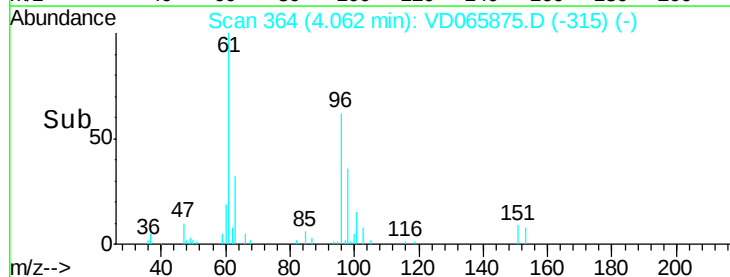
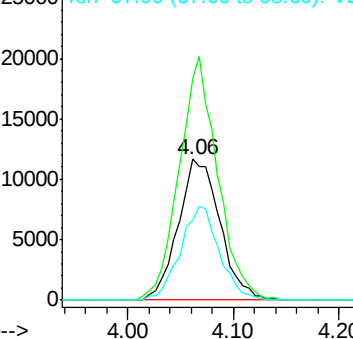
#12

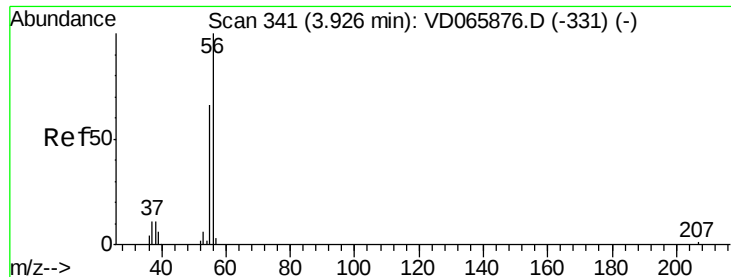
1,1-Dichloroethene
 Concen: 21.081 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 96 Resp: 31855
 Ion Ratio Lower Upper
 96 100
 61 157.4 128.3 192.5
 98 56.5 46.2 69.2



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: 108.839 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

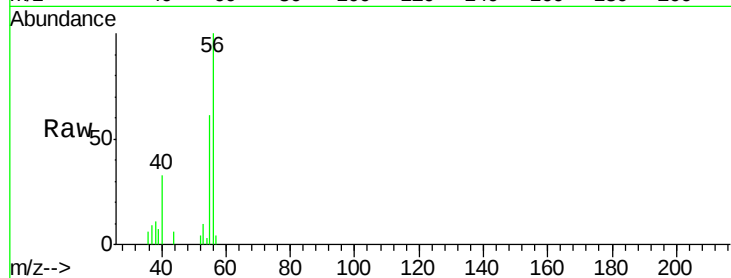
VSTDIC020

Tgt Ion: 56 Resp: 12108

Ion Ratio Lower Upper

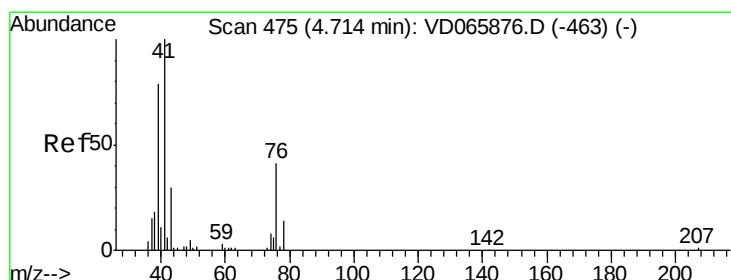
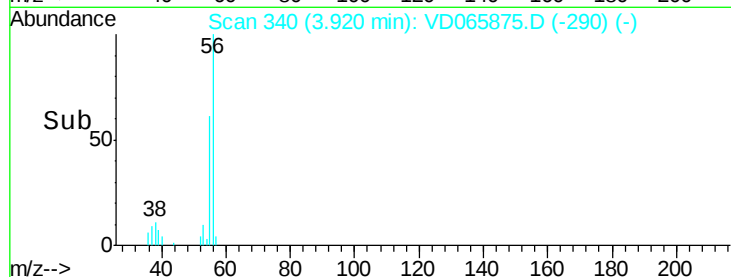
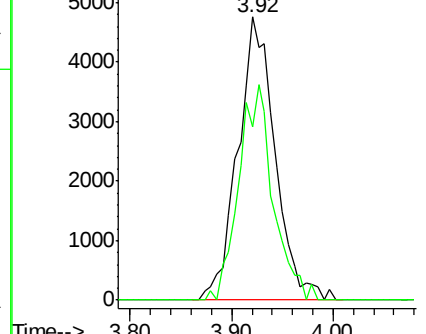
56 100

55 70.3 58.1 87.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.954 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

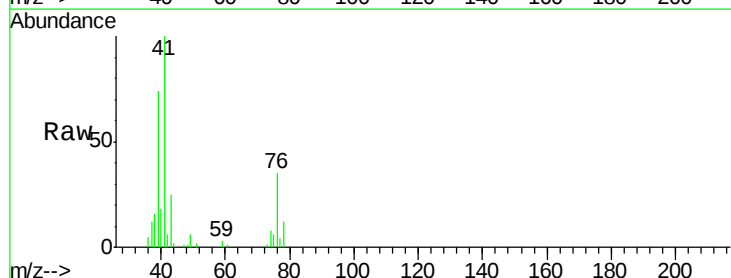
Tgt Ion: 41 Resp: 49210

Ion Ratio Lower Upper

41 100

39 74.6 63.8 95.8

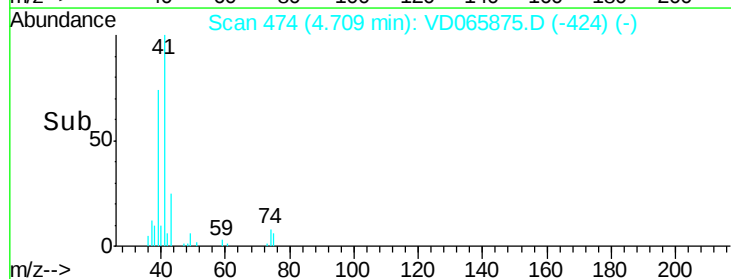
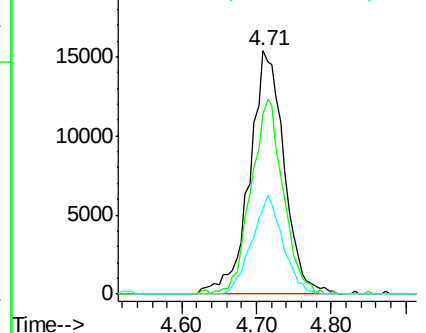
76 36.5 32.2 48.4

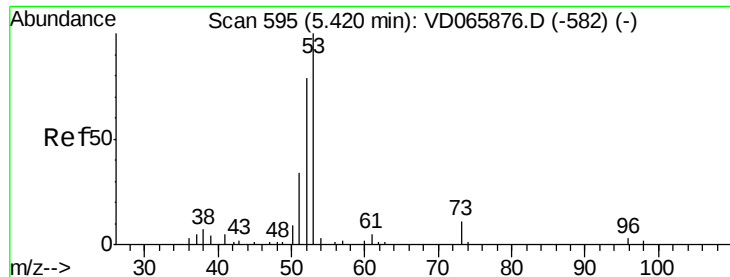


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 109.997 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

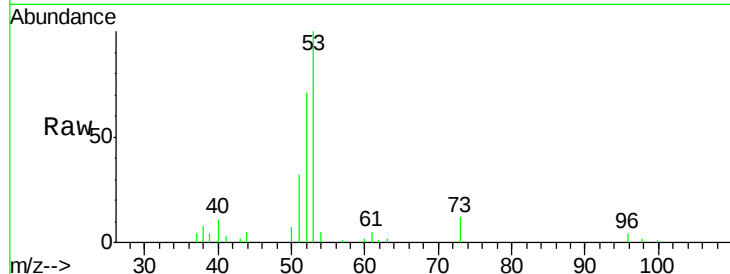
Tgt Ion: 53 Resp: 34681

Ion Ratio Lower Upper

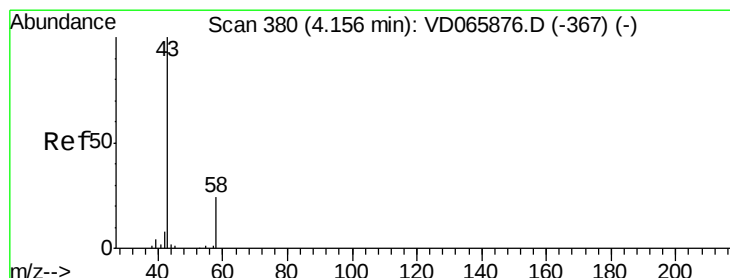
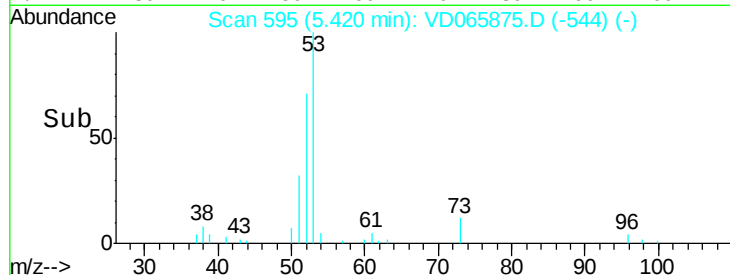
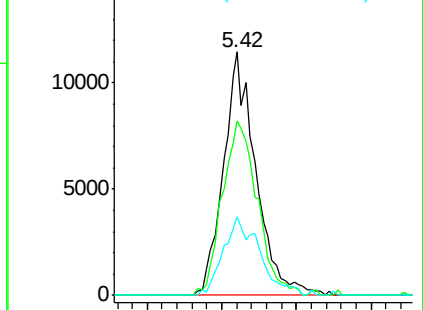
53 100

52 76.8 66.3 99.5

51 35.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 101.457 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065875.D

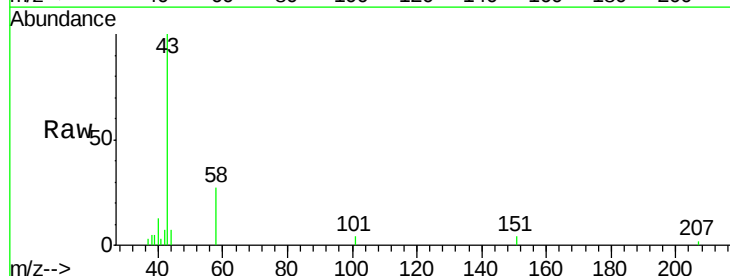
Acq: 26 Jun 2020 11:38

Tgt Ion: 43 Resp: 31544

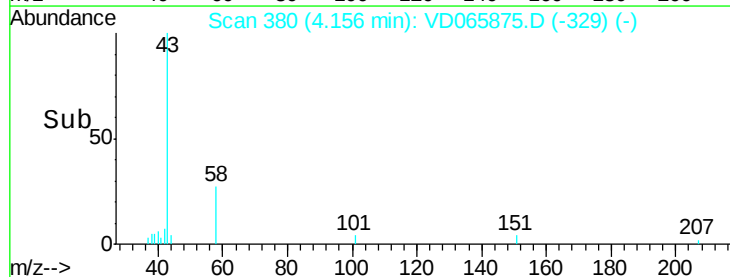
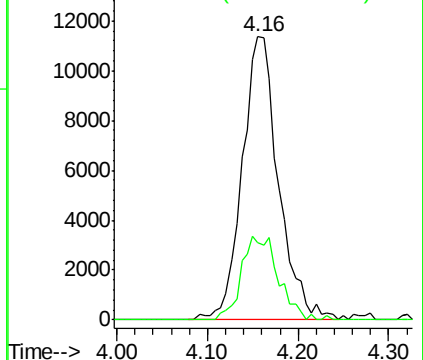
Ion Ratio Lower Upper

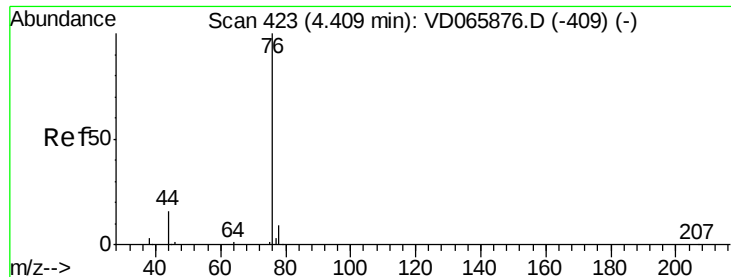
43 100

58 27.4 19.5 29.3



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

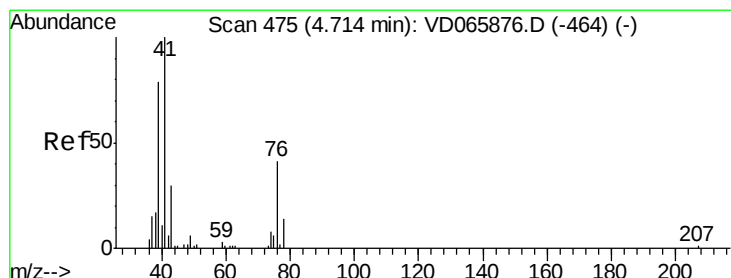
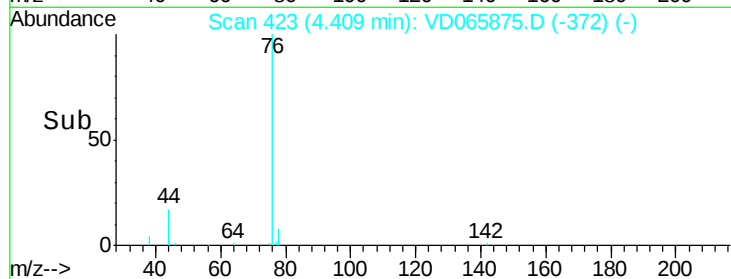
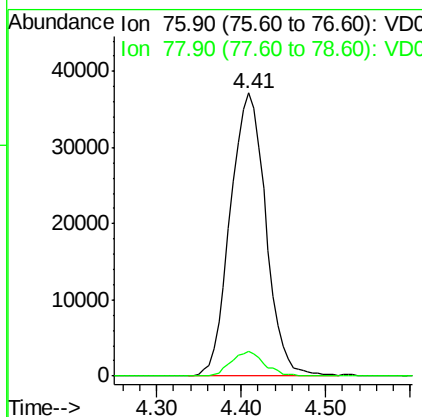
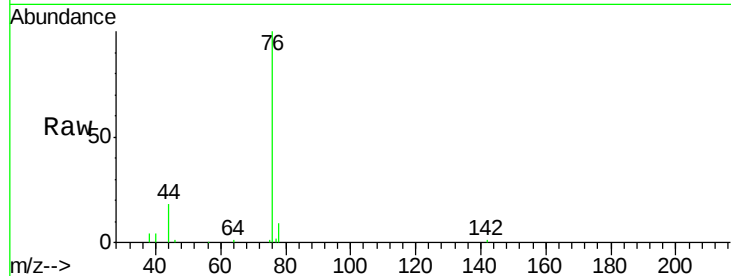




#17
Carbon Disulfide
Concen: 21.737 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

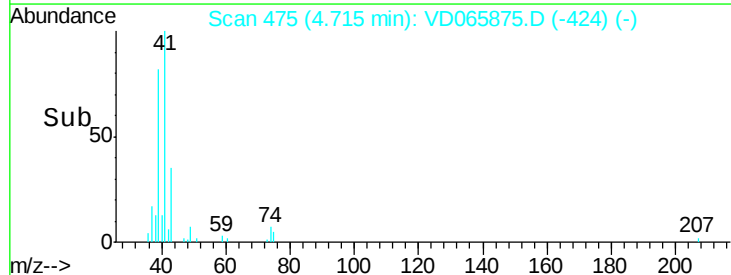
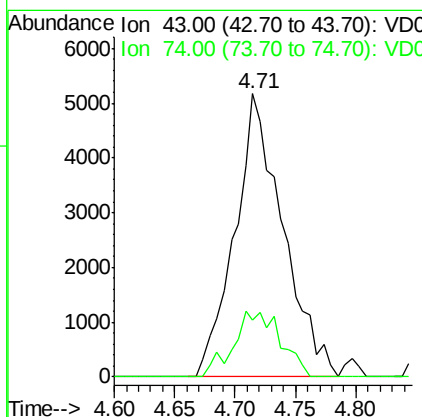
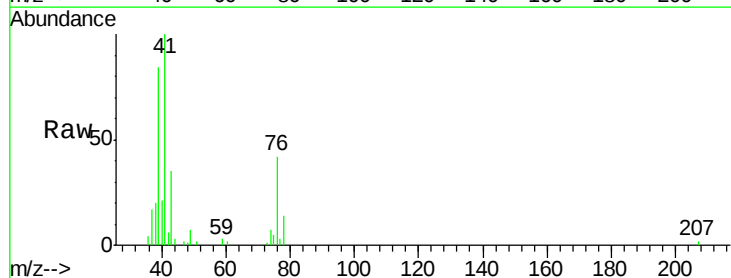
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

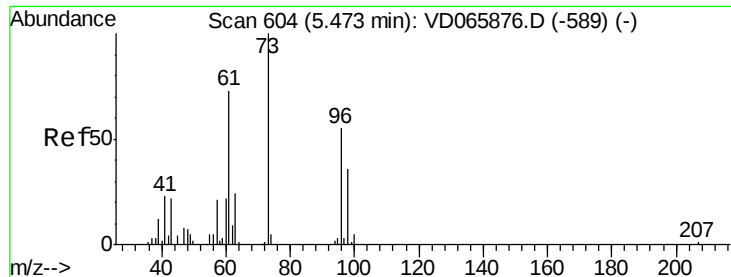
Tgt Ion: 76 Resp: 108342
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.542 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 43 Resp: 14281
Ion Ratio Lower Upper
43 100
74 22.7 20.2 30.2

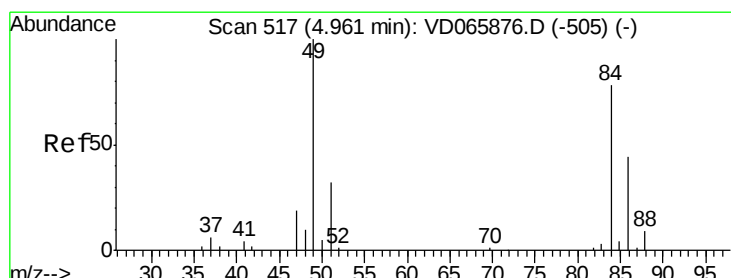
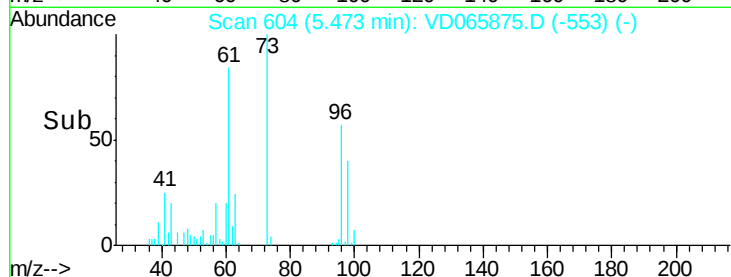
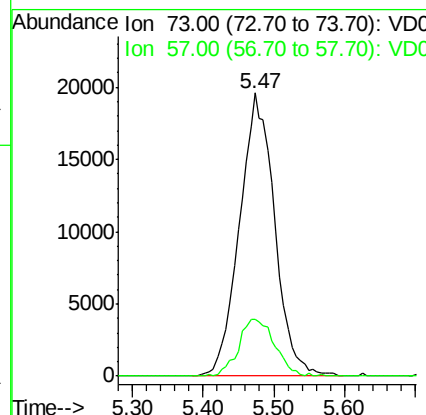
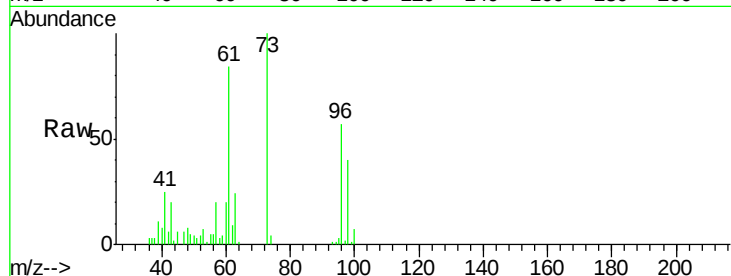




#19
Methyl tert-butyl Ether
Concen: 20.900 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

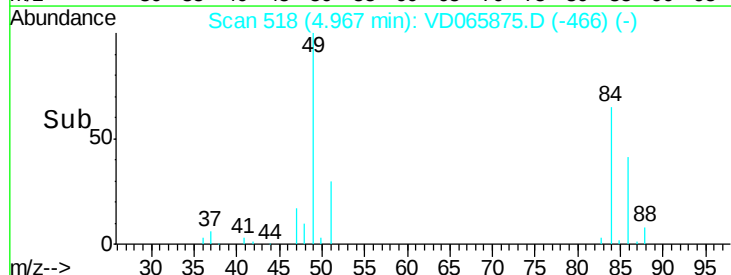
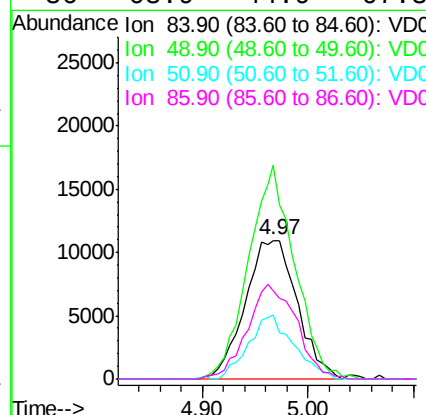
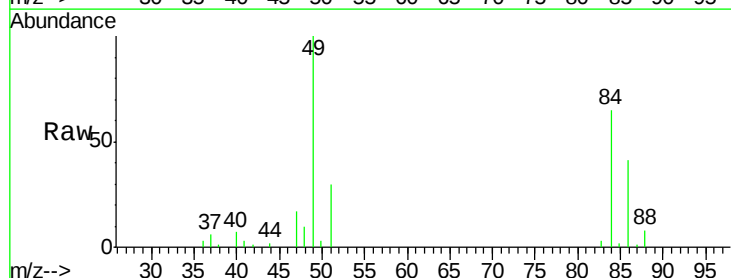
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

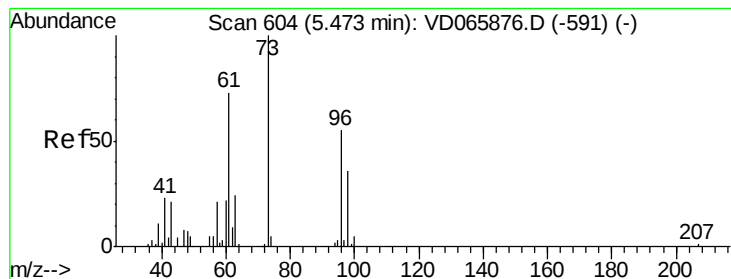
Tgt Ion: 73 Resp: 67681
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4



#20
Methylene Chloride
Concen: 19.871 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 84 Resp: 37433
Ion Ratio Lower Upper
84 100
49 154.2 103.0 154.6
51 45.9 32.7 49.1
86 63.9 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 20.704 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

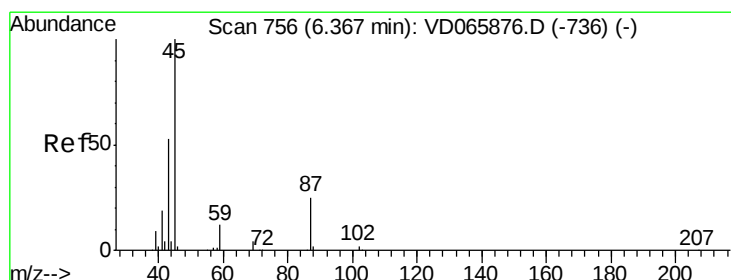
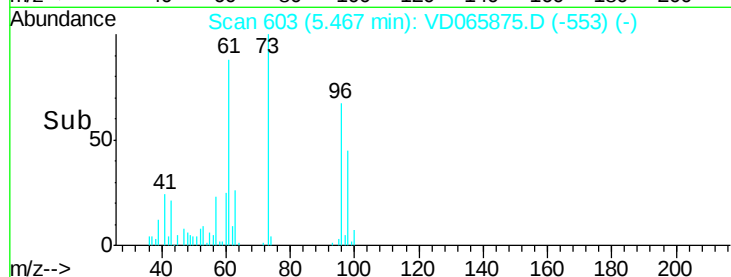
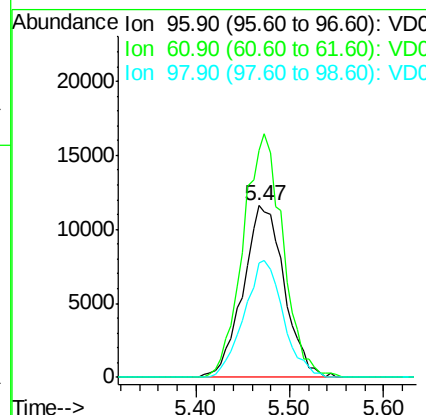
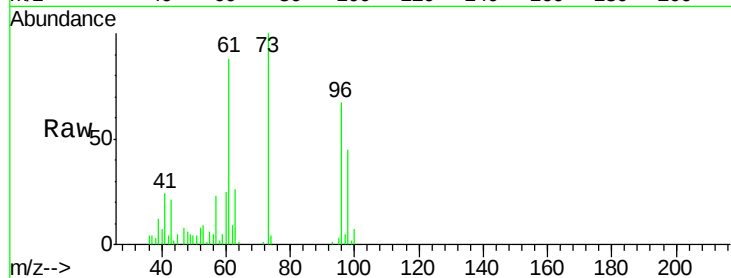
Tgt Ion: 96 Resp: 35223

Ion Ratio Lower Upper

96 100

61 132.2 107.0 160.4

98 66.6 52.2 78.2



#22

Diisopropyl ether

Concen: 20.162 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Tgt Ion: 45 Resp: 97554

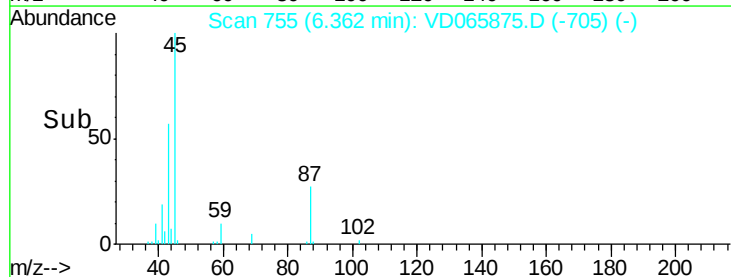
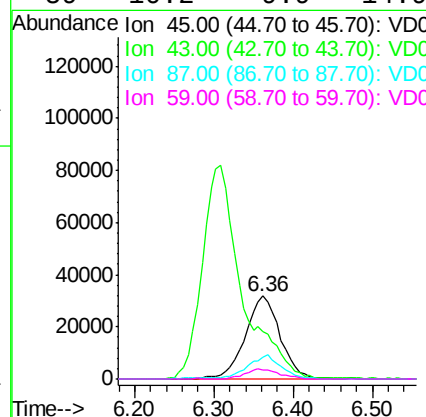
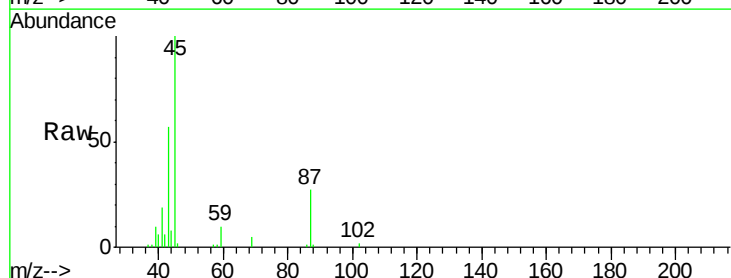
Ion Ratio Lower Upper

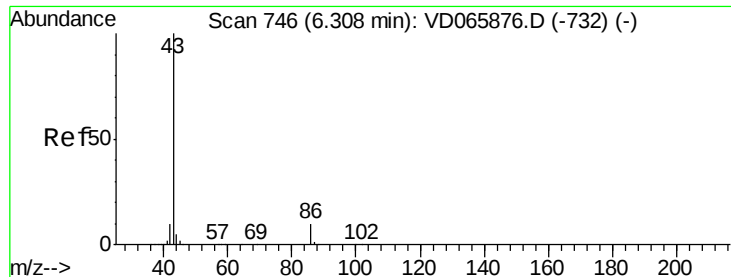
45 100

43 56.5 43.4 65.0

87 26.5 19.8 29.8

59 10.2 9.9 14.9





#23

Vinyl Acetate

Concen: 100.928 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

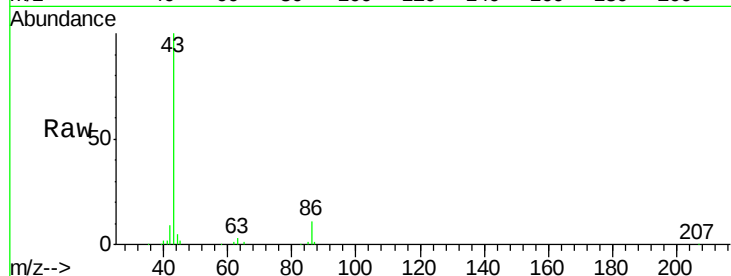
VSTDIC020

Tgt Ion: 43 Resp: 283668

Ion Ratio Lower Upper

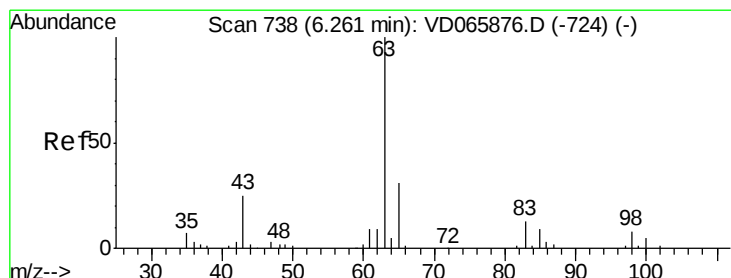
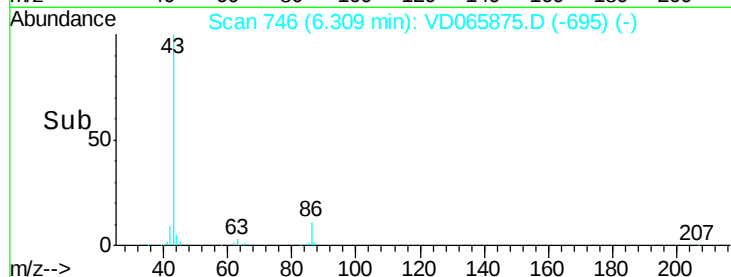
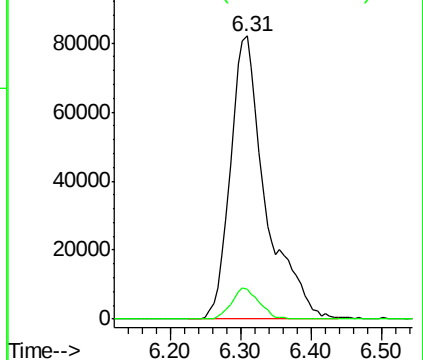
43 100

86 10.7 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.374 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

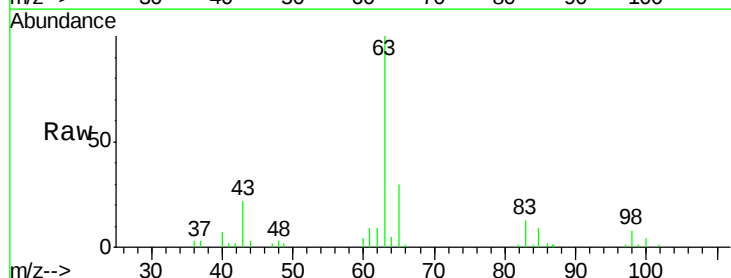
Tgt Ion: 63 Resp: 59770

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

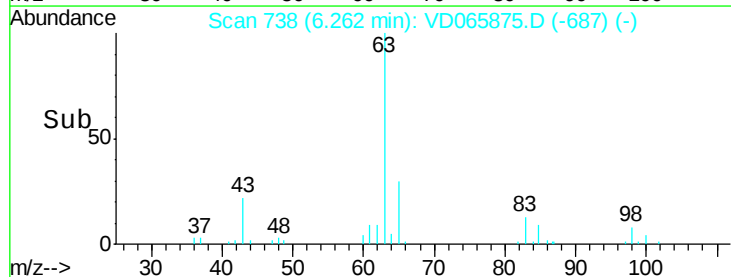
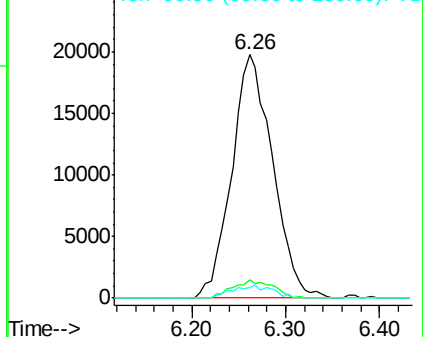
100 4.3 2.4 7.2

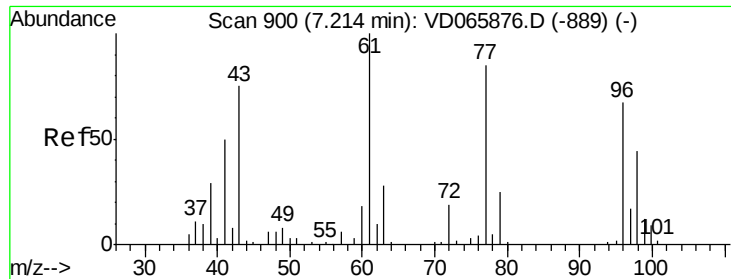


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

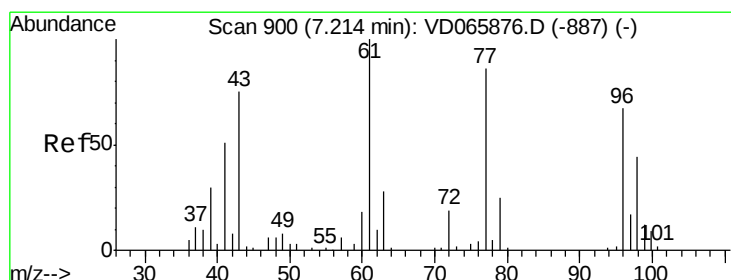
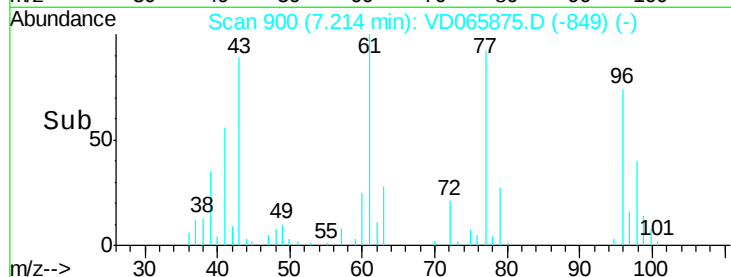
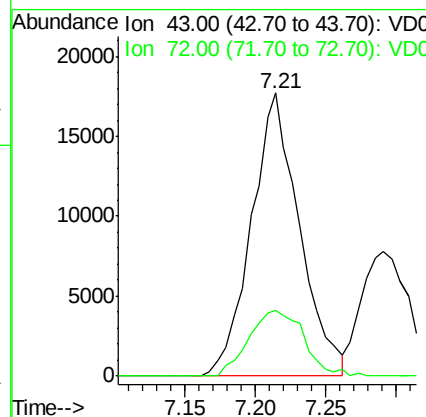
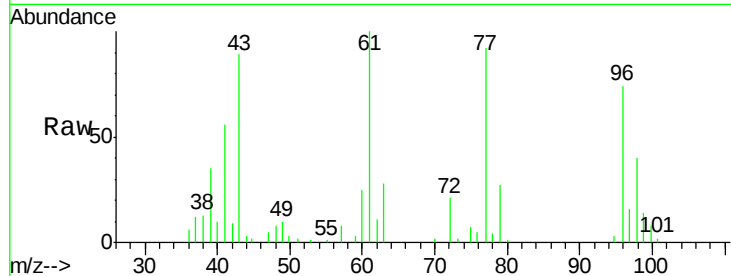




#25
2-Butanone
Concen: 102.345 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

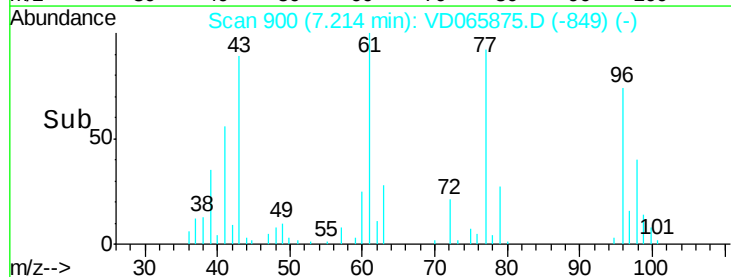
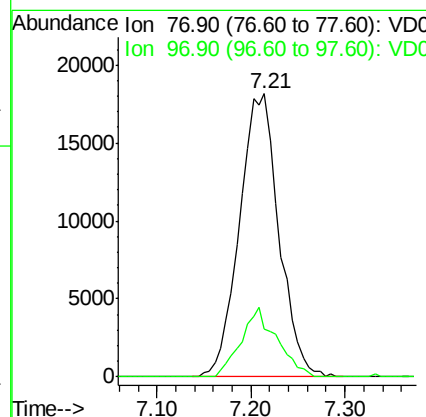
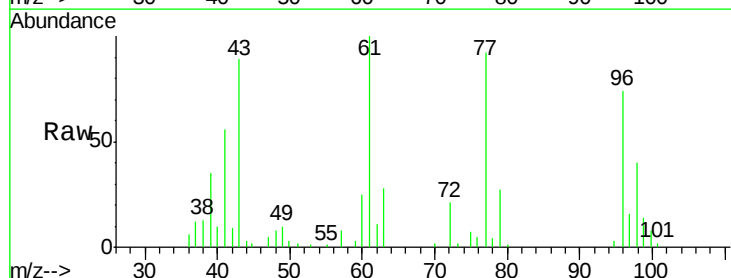
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

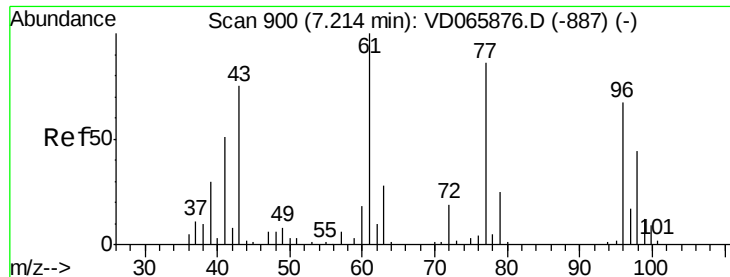
Tgt Ion: 43 Resp: 42267
Ion Ratio Lower Upper
43 100
72 23.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 19.844 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 77 Resp: 52845
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3



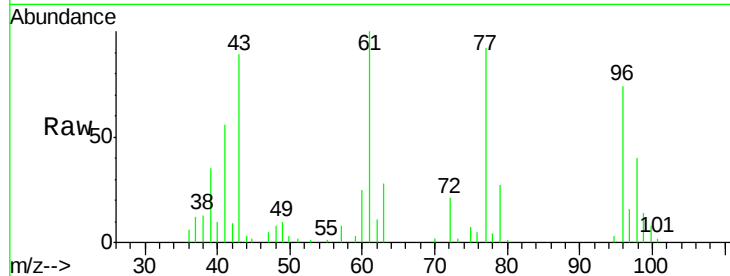


#27

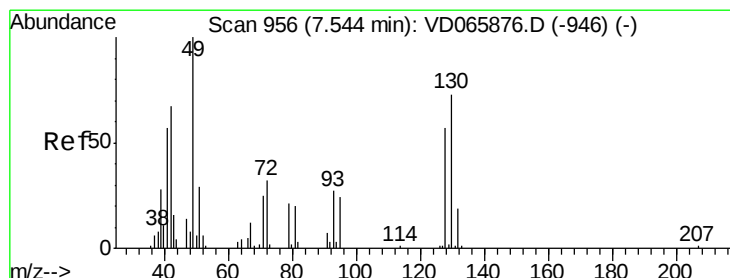
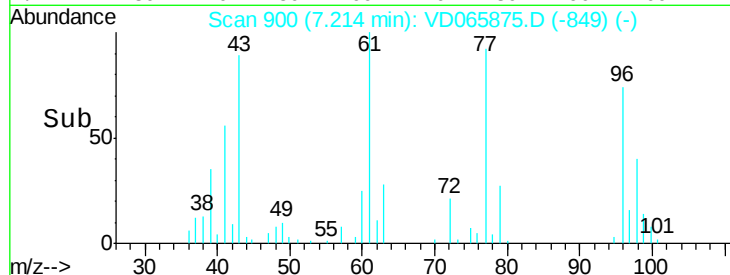
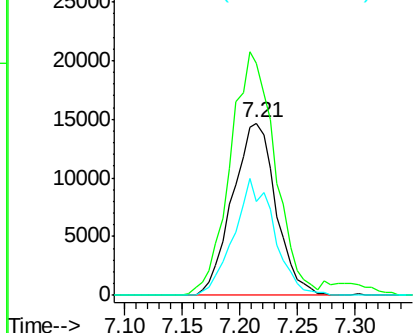
cis-1,2-Dichloroethene
Concen: 21.025 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 38455
Ion Ratio Lower Upper
96 100
61 145.3 0.0 297.8
98 62.9 0.0 129.8



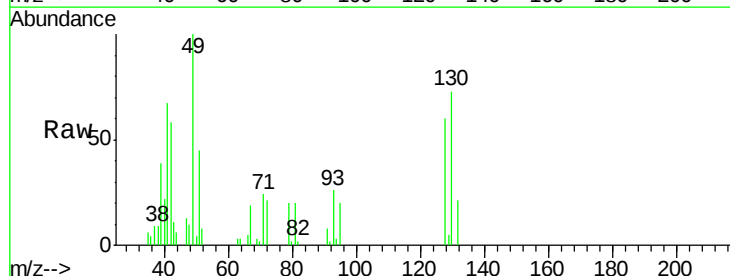
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



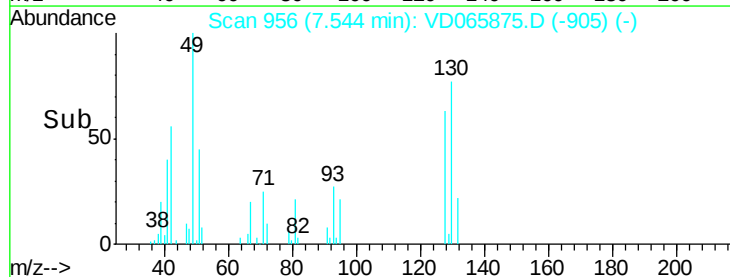
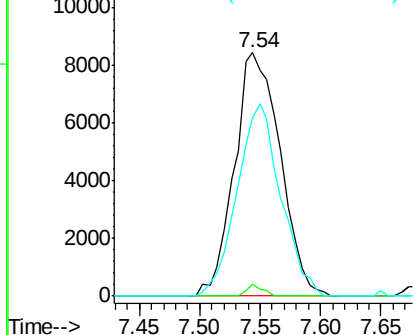
#28

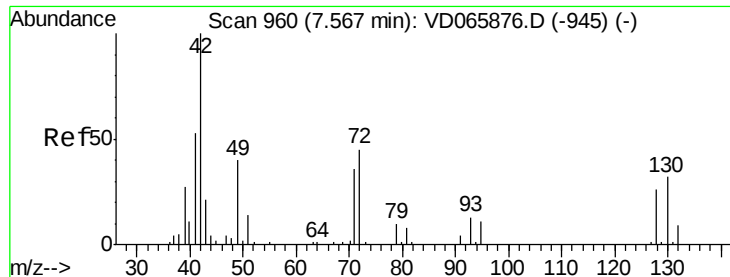
Bromochloromethane
Concen: 20.600 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 49 Resp: 22212
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.4
130 75.3 61.0 91.6



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

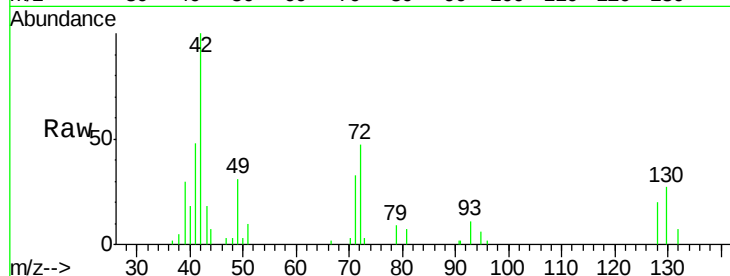




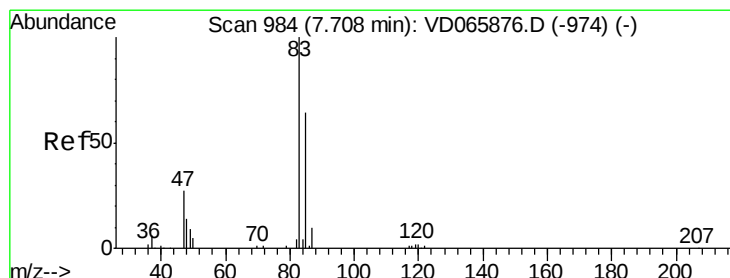
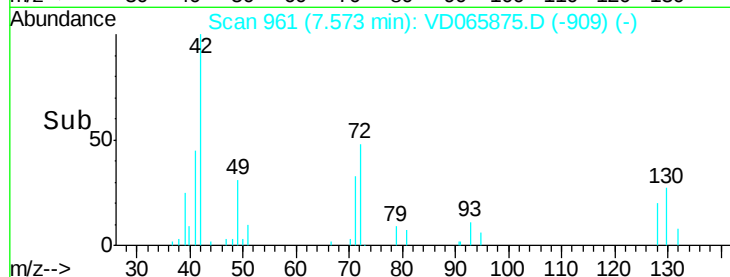
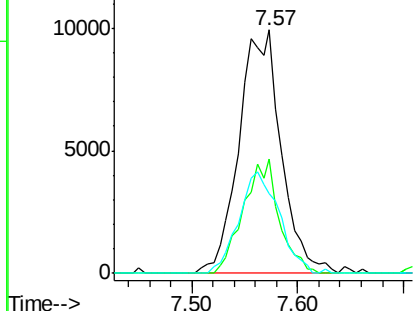
#29
Tetrahydrofuran
Concen: 107.309 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 27454
Ion Ratio Lower Upper
42 100
72 39.7 35.3 52.9
71 39.8 32.6 48.8

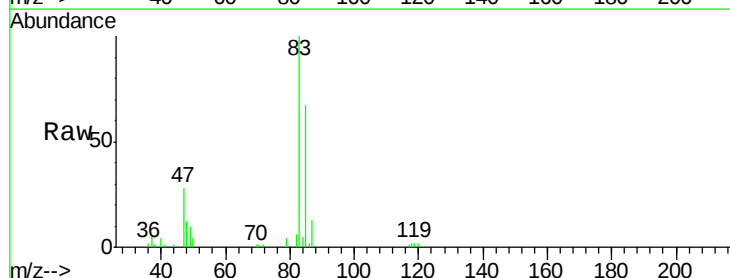


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

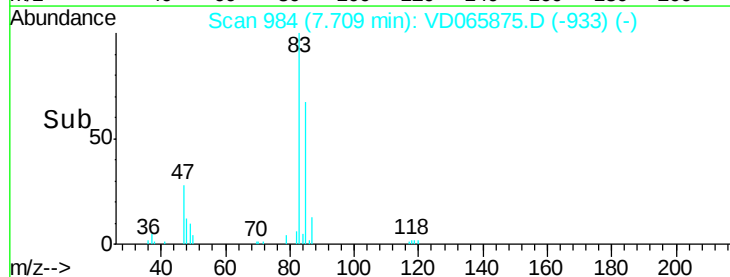
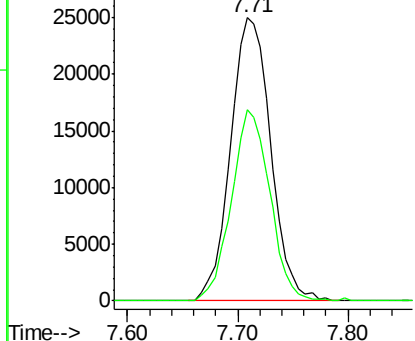


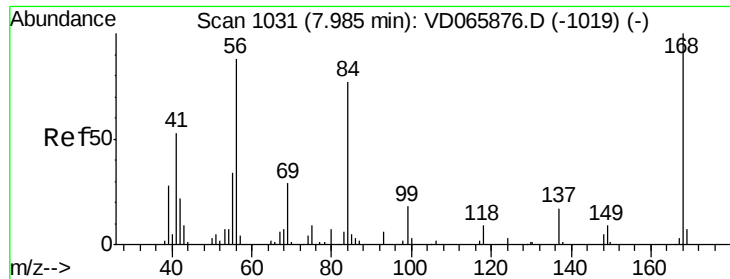
#30
Chloroform
Concen: 20.582 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 83 Resp: 63737
Ion Ratio Lower Upper
83 100
85 67.4 51.2 76.8



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

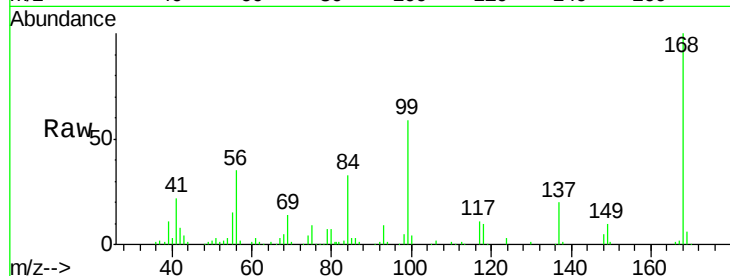




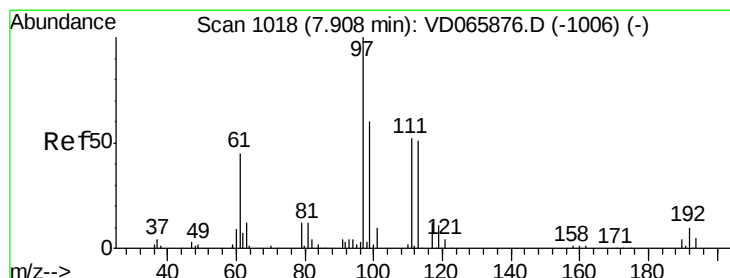
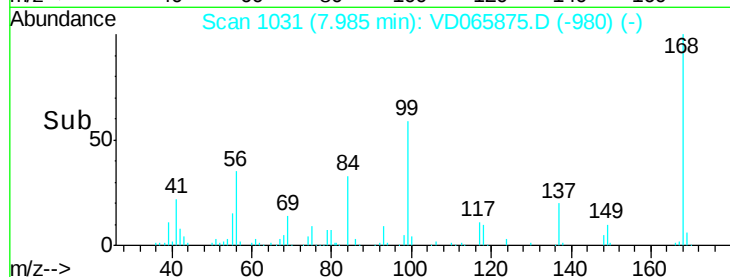
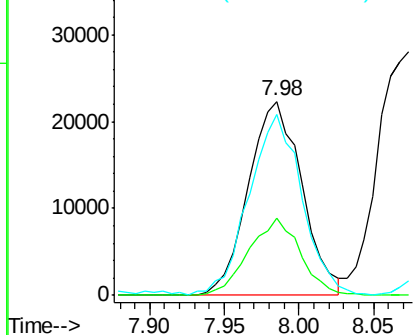
#31
Cyclohexane
Concen: 19.873 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 55514
Ion Ratio Lower Upper
56 100
69 39.6 26.2 39.4#
84 93.2 70.3 105.5

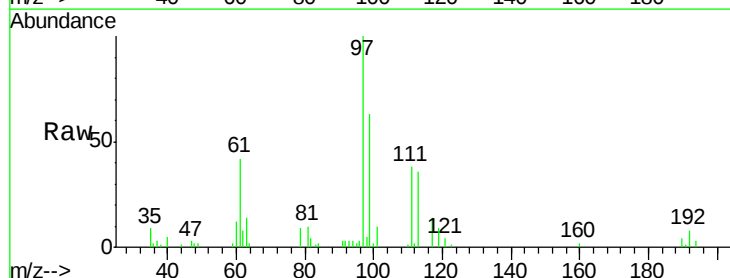


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

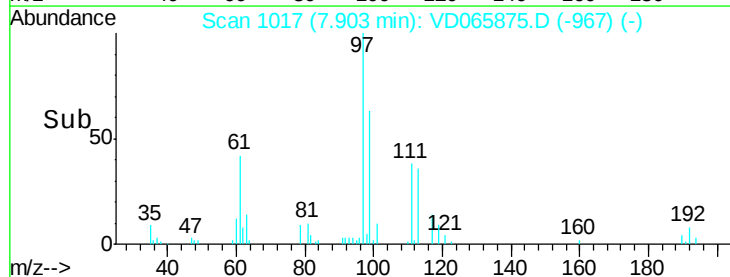
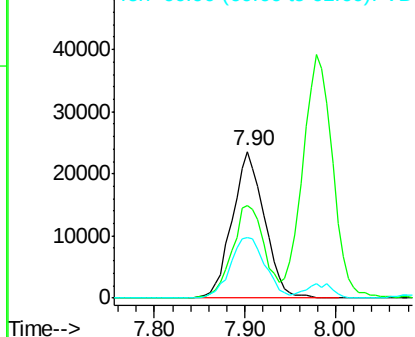


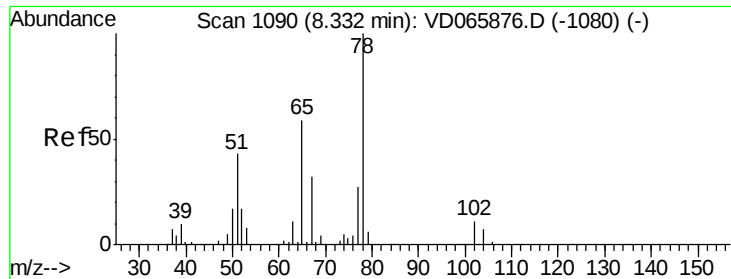
#32
1,1,1-Trichloroethane
Concen: 20.206 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 97 Resp: 58114
Ion Ratio Lower Upper
97 100
99 63.0 50.2 75.4
61 44.6 36.0 54.0



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

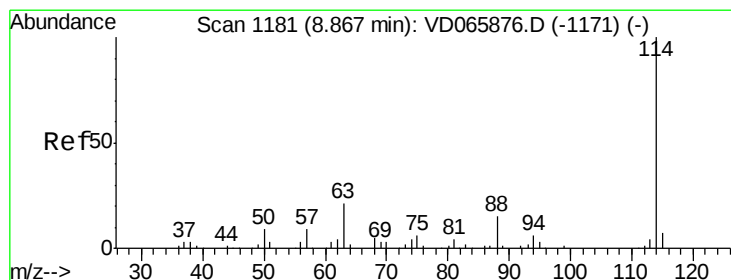
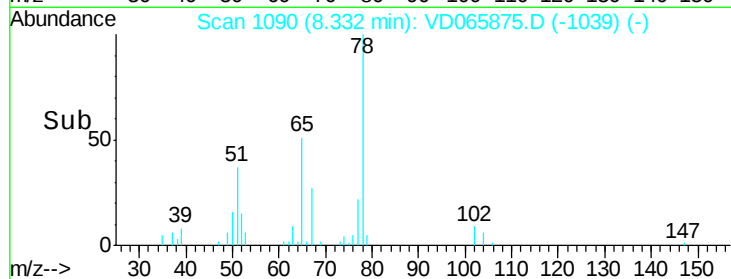
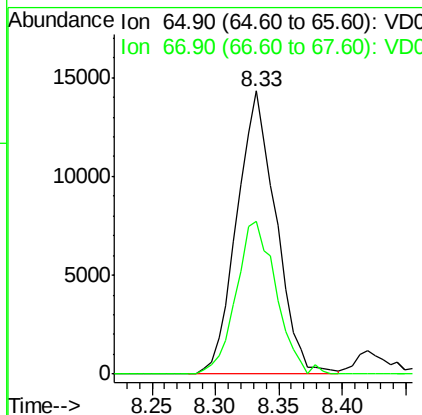
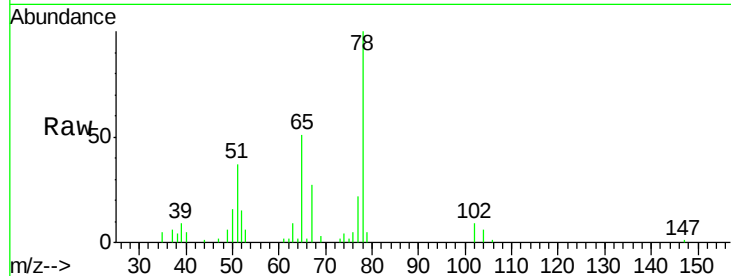




#33
 1,2-Dichloroethane-d4
 Concen: 19.478 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

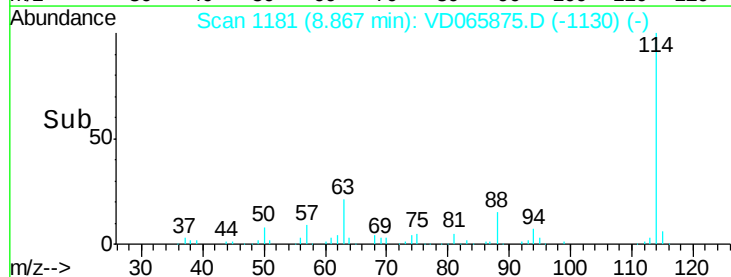
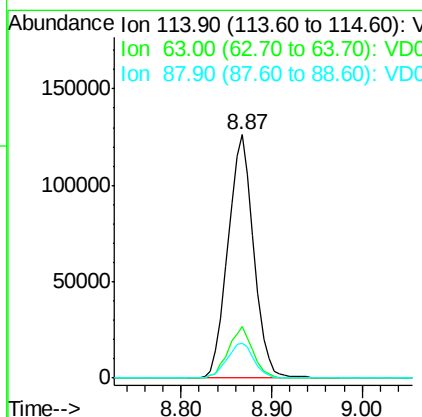
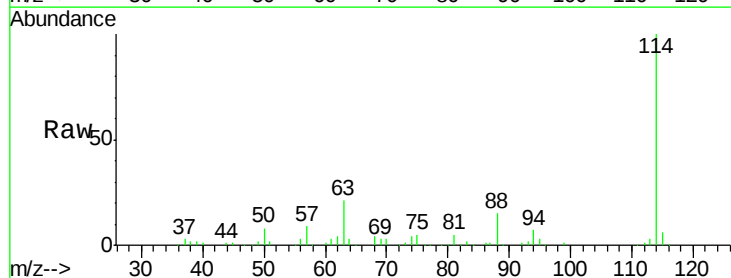
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

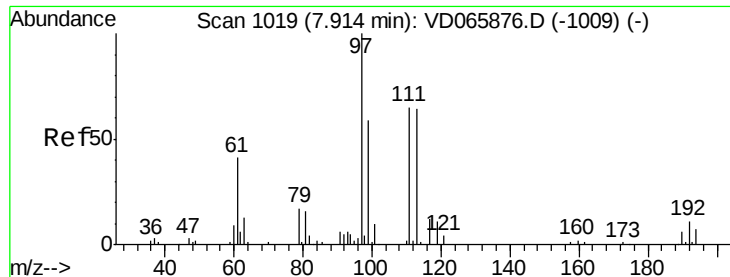
Tgt Ion: 65 Resp: 30653
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 114 Resp: 249151
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 14.6 0.0 29.0

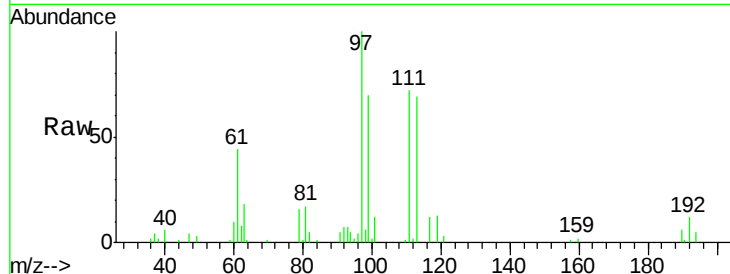




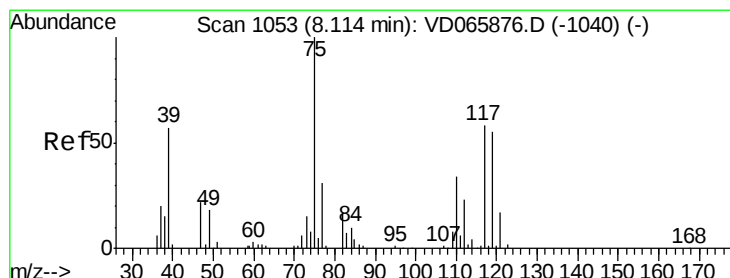
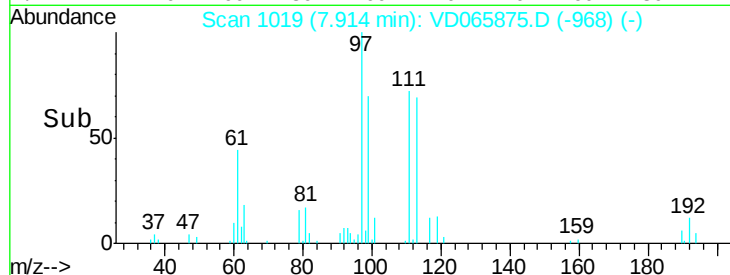
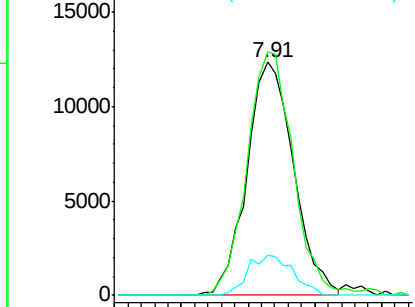
#35
Dibromofluoromethane
Concen: 20.076 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 30009
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.6
192 16.4 15.2 22.8

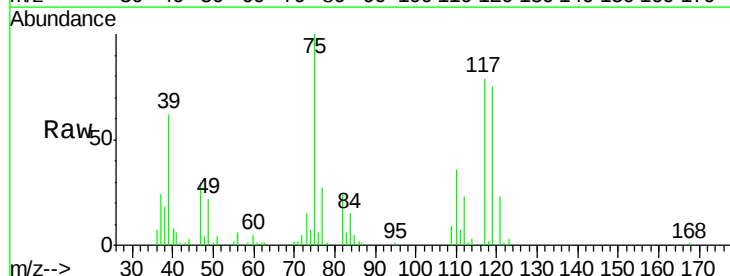


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

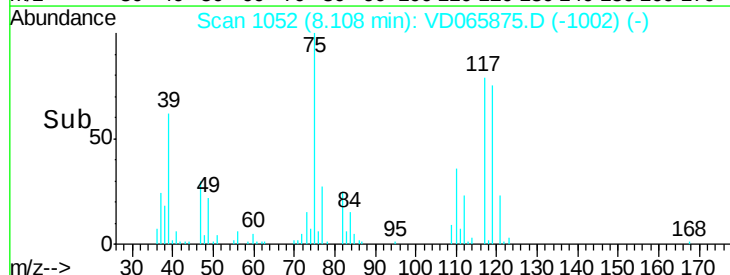
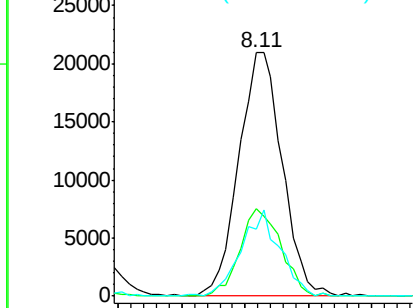


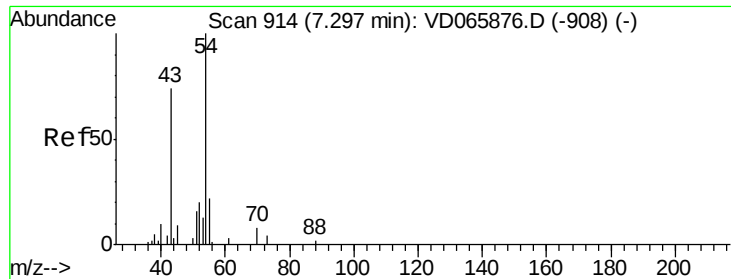
#36
1,1-Dichloropropene
Concen: 20.259 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 75 Resp: 49821
Ion Ratio Lower Upper
75 100
110 34.0 16.8 50.4
77 31.9 24.0 36.0



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

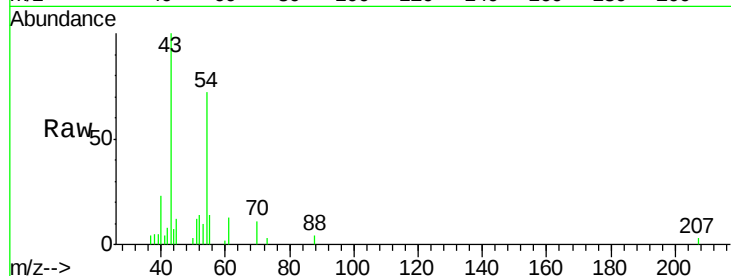




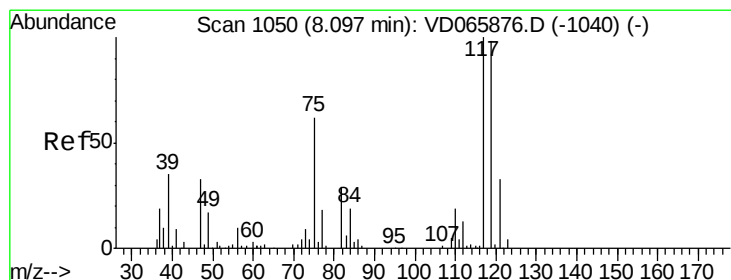
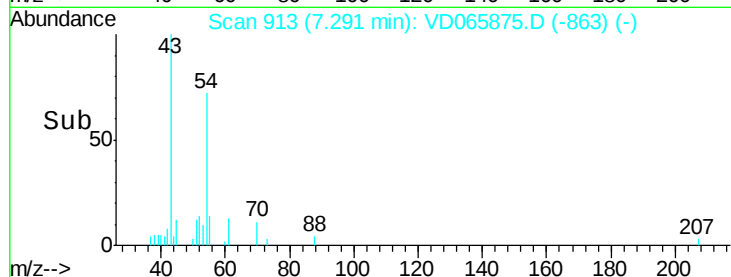
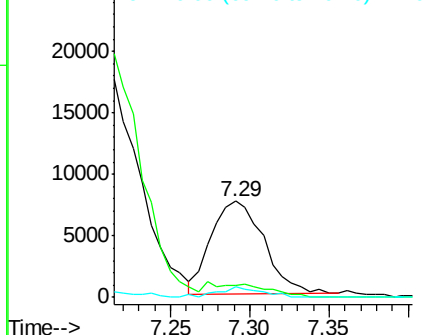
#37
Ethyl Acetate
Concen: 18.659 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 17487
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 9.3 8.5 12.7

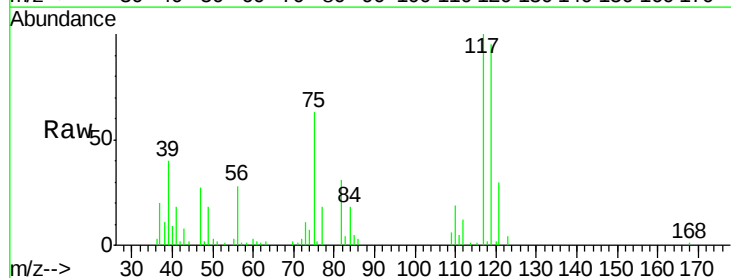


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

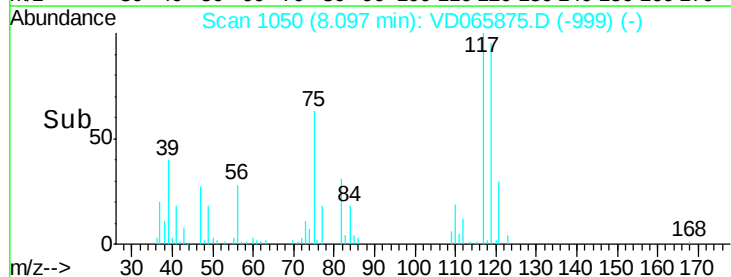
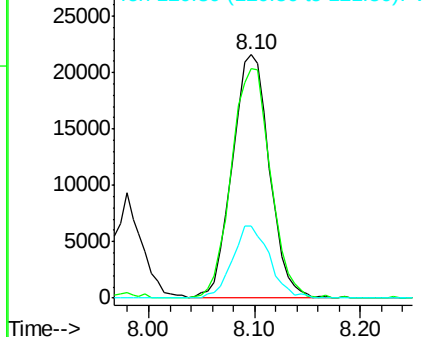


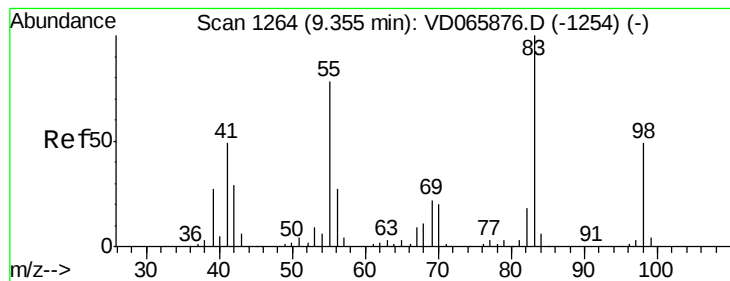
#38
Carbon Tetrachloride
Concen: 20.162 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 117 Resp: 52788
Ion Ratio Lower Upper
117 100
119 94.5 78.6 117.8
121 29.8 26.5 39.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 20.157 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

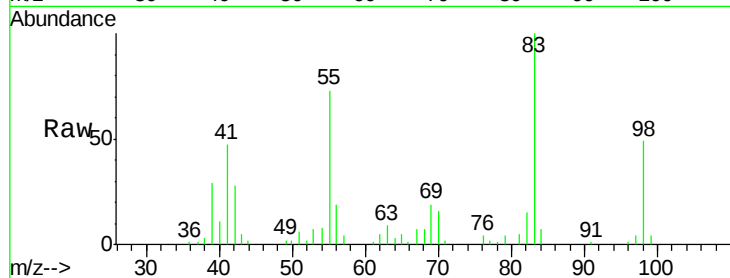
Tgt Ion: 83 Resp: 57851

Ion Ratio Lower Upper

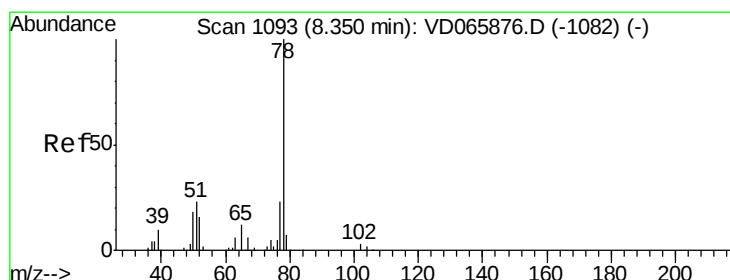
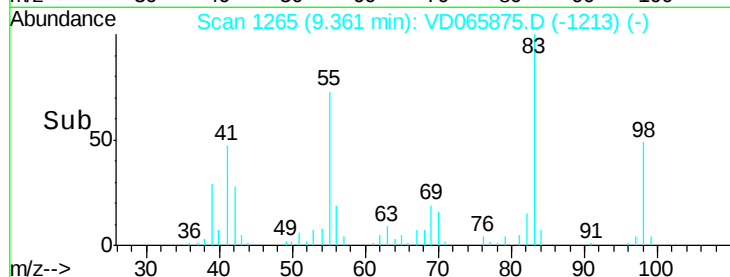
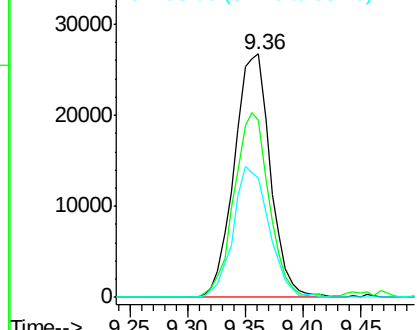
83 100

55 72.9 62.2 93.4

98 49.3 39.6 59.4



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



#40

Benzene

Concen: 20.356 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD065875.D

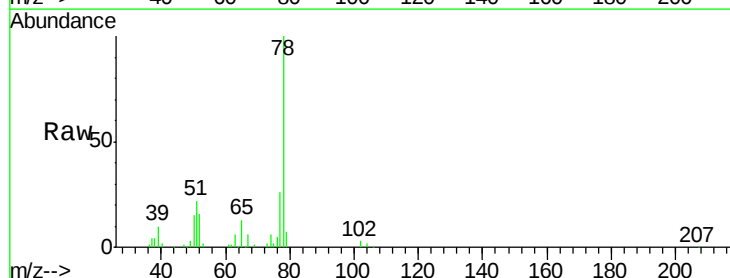
Acq: 26 Jun 2020 11:38

Tgt Ion: 78 Resp: 137926

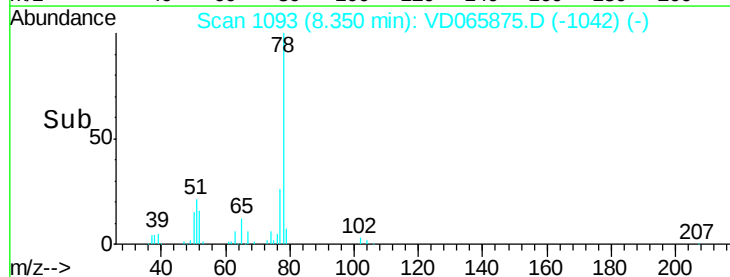
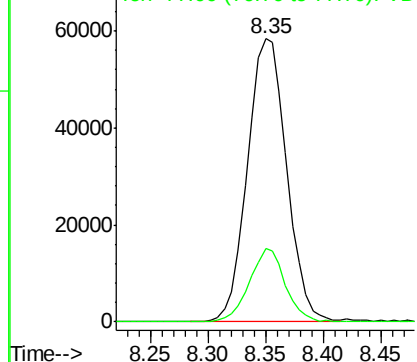
Ion Ratio Lower Upper

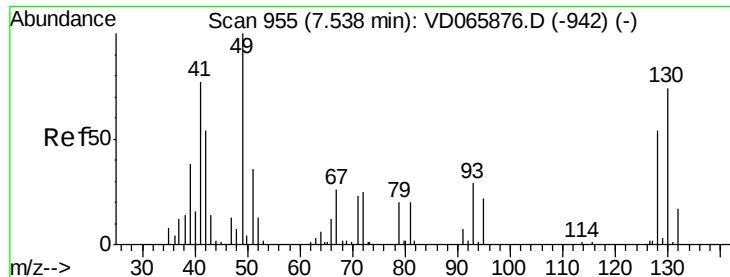
78 100

77 25.9 18.8 28.2



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

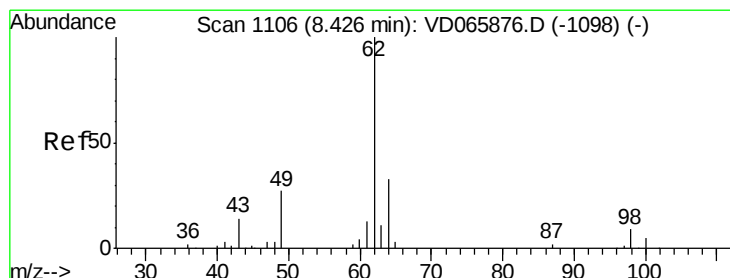
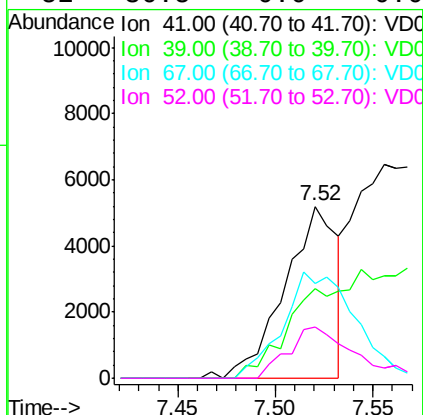
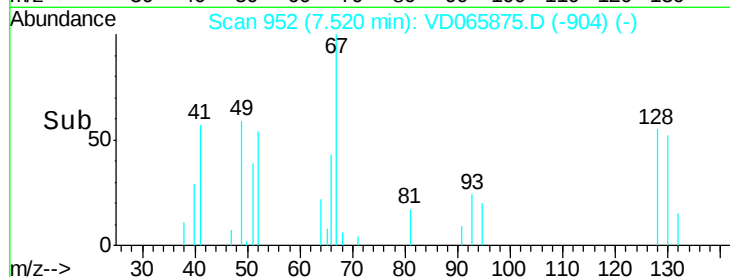
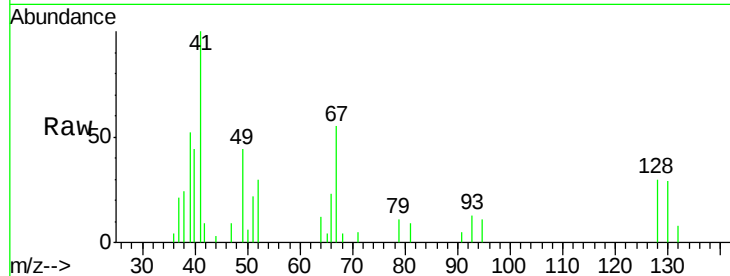




#41
Methacrylonitrile
Concen: 16.786 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

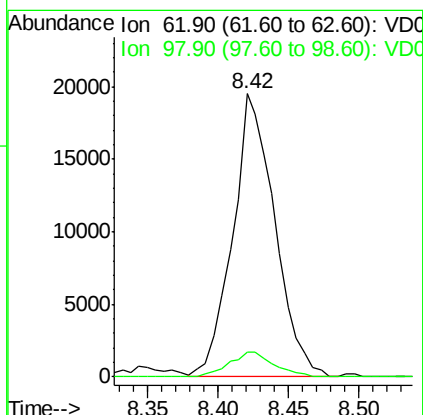
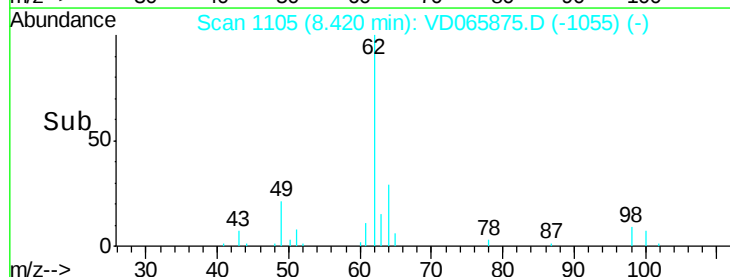
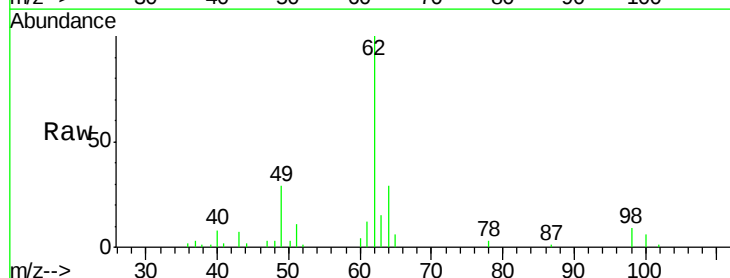
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

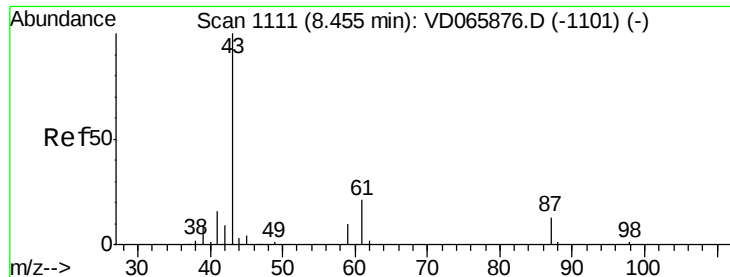
Tgt Ion: 41 Resp: 9771
Ion Ratio Lower Upper
41 100
39 0.0 82.7 124.1#
67 84.0 0.0 0.0#
52 36.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.509 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 62 Resp: 40626
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.638 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

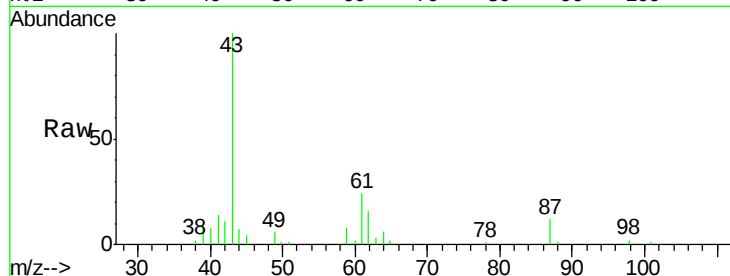
Tgt Ion: 43 Resp: 35645

Ion Ratio Lower Upper

43 100

61 31.8 25.2 37.8

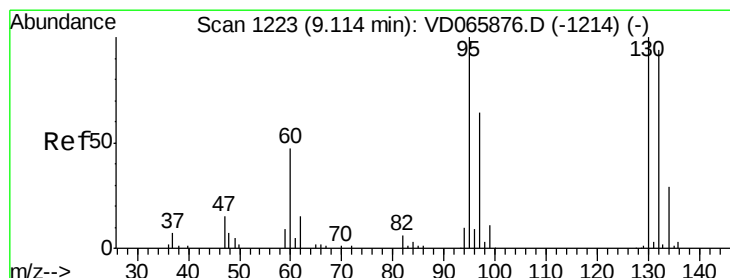
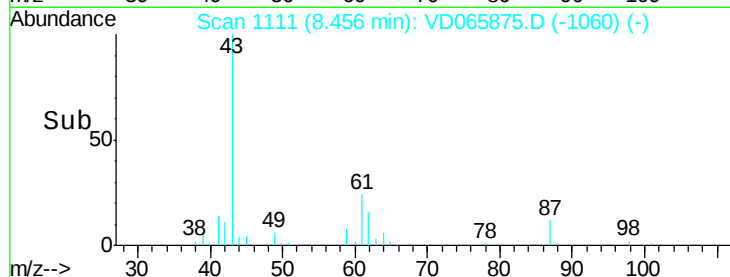
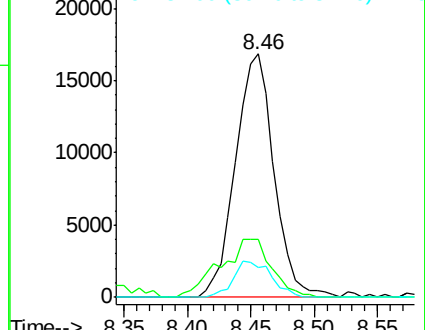
87 14.5 10.4 15.6



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: 20.300 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065875.D

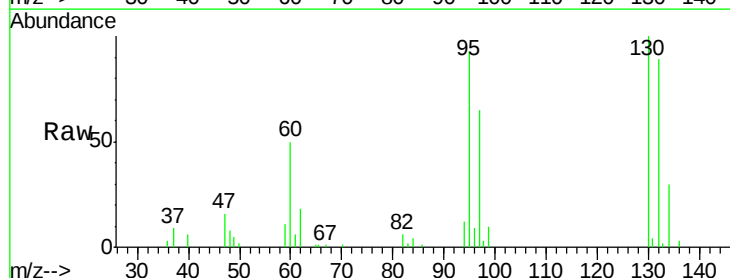
Acq: 26 Jun 2020 11:38

Tgt Ion: 130 Resp: 36615

Ion Ratio Lower Upper

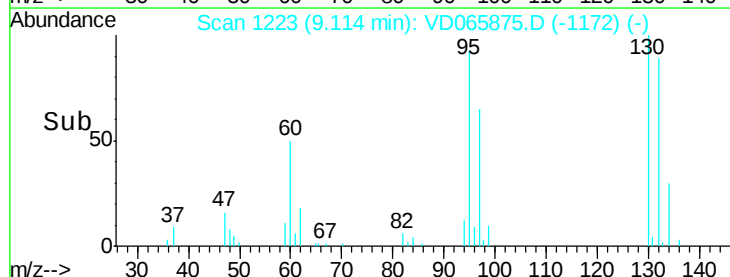
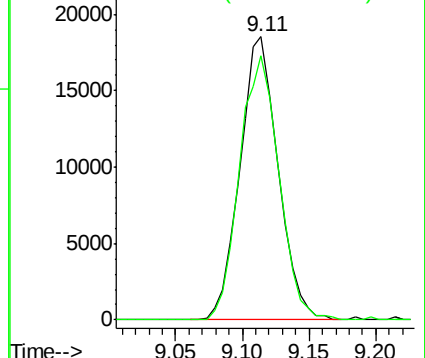
130 100

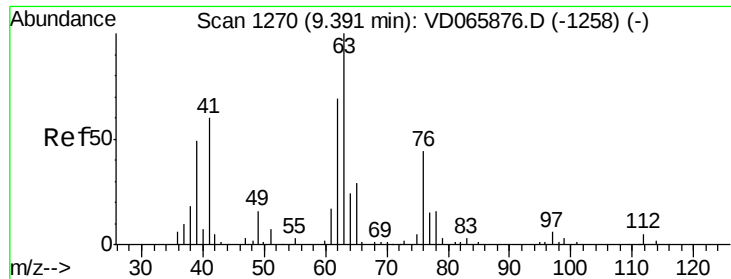
95 93.2 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

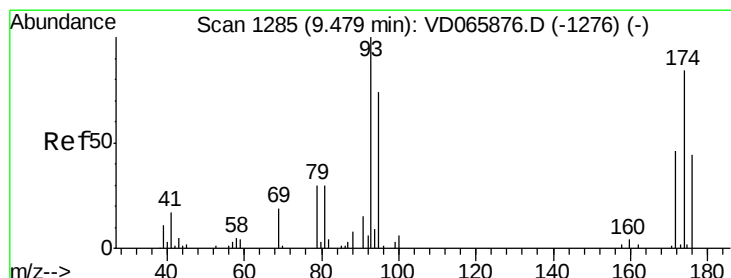
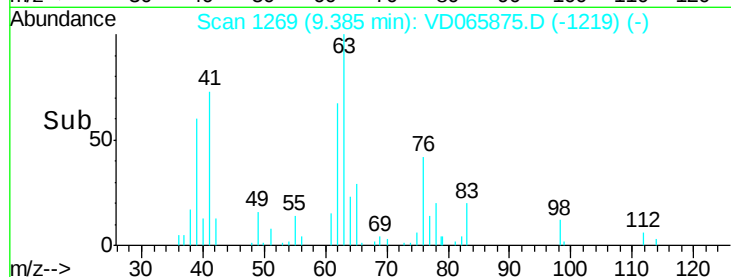
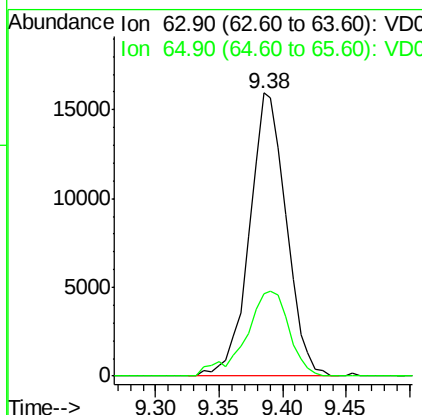
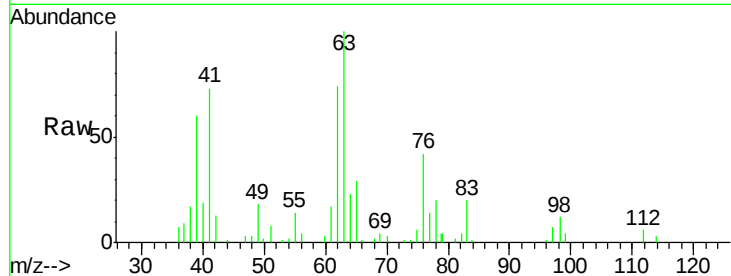




#45
 1,2-Dichloropropane
 Concen: 19.672 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

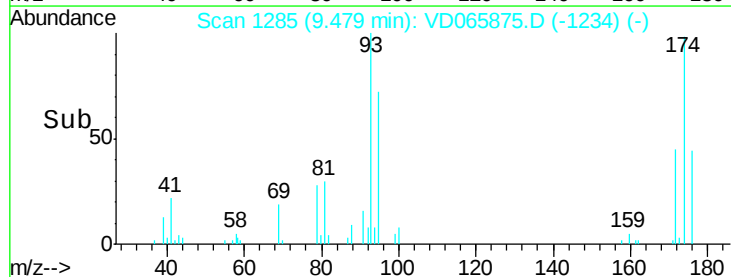
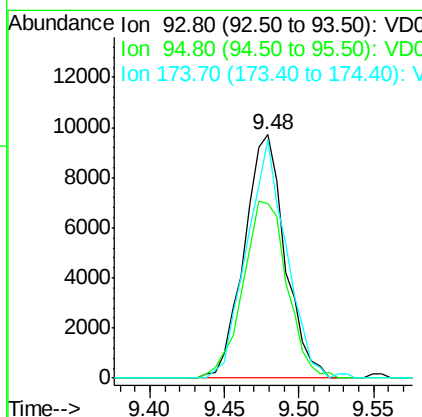
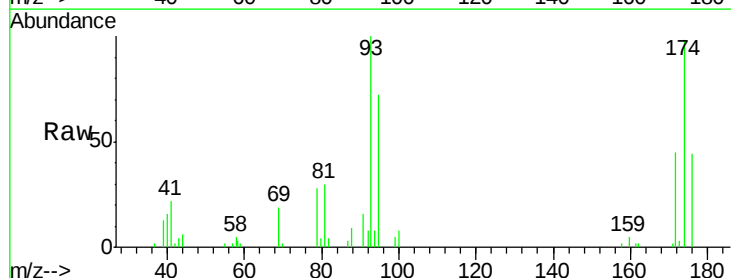
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

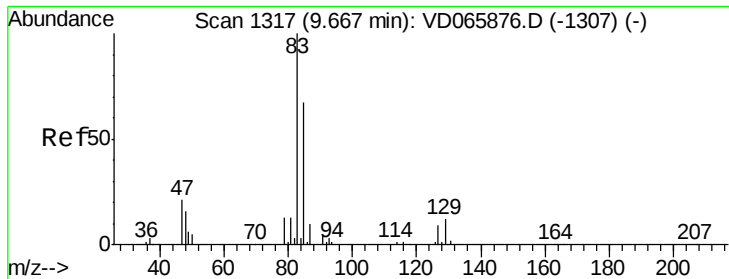
Tgt Ion: 63 Resp: 32162
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.4 35.0



#46
 Dibromomethane
 Concen: 20.863 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 93 Resp: 18377
 Ion Ratio Lower Upper
 93 100
 95 78.2 65.4 98.0
 174 95.7 75.2 112.8





#47

Bromodichloromethane

Concen: 20.224 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

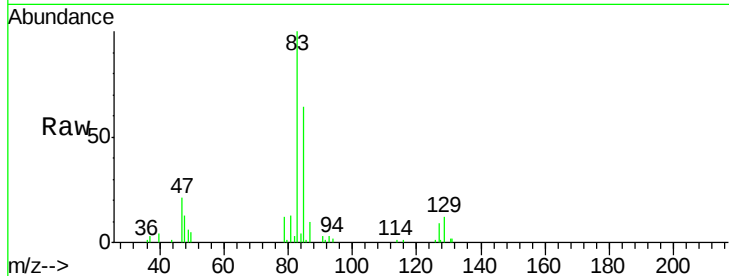
Tgt Ion: 83 Resp: 48507

Ion Ratio Lower Upper

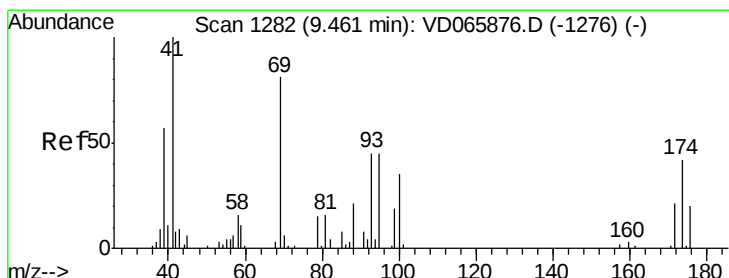
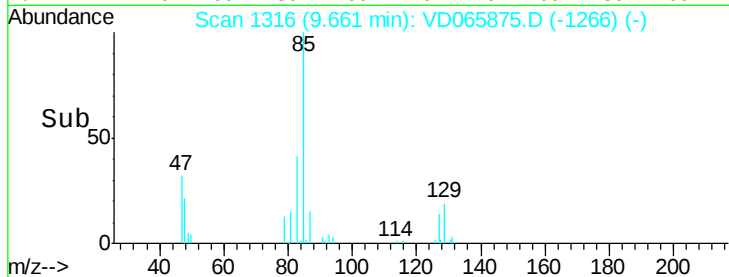
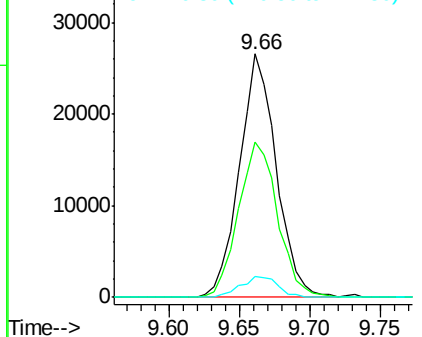
83 100

85 63.7 53.9 80.9

127 8.8 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.539 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

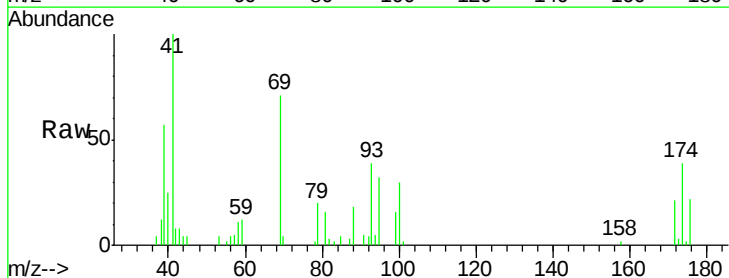
Tgt Ion: 41 Resp: 17330

Ion Ratio Lower Upper

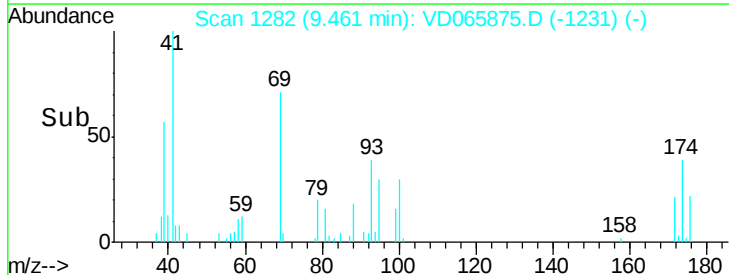
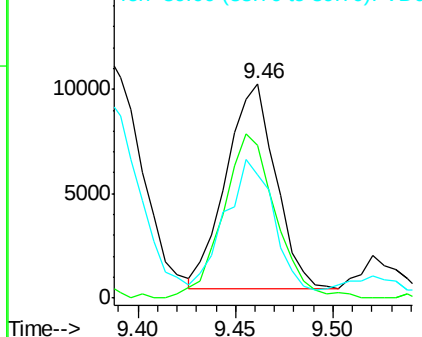
41 100

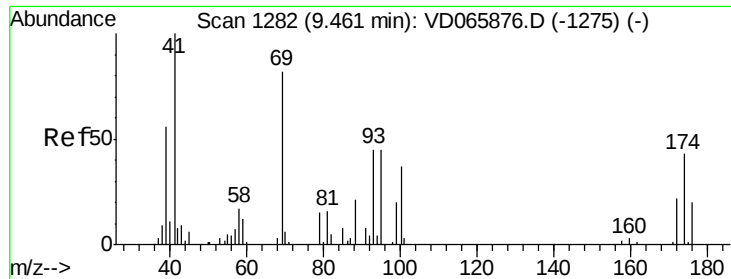
69 84.7 68.3 102.5

39 61.3 54.1 81.1



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

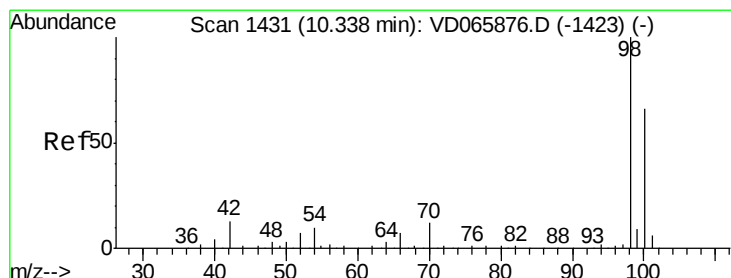
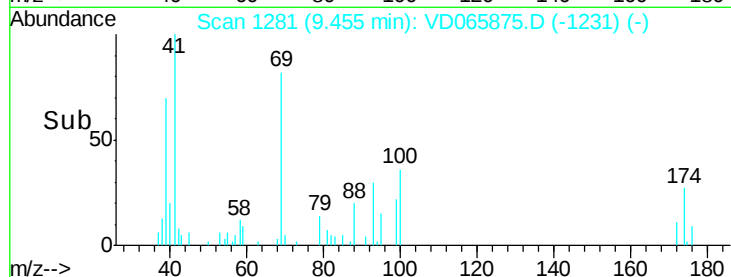
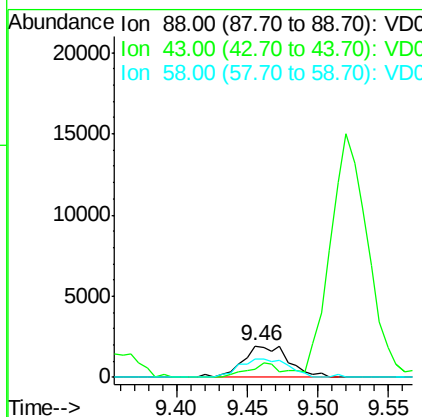
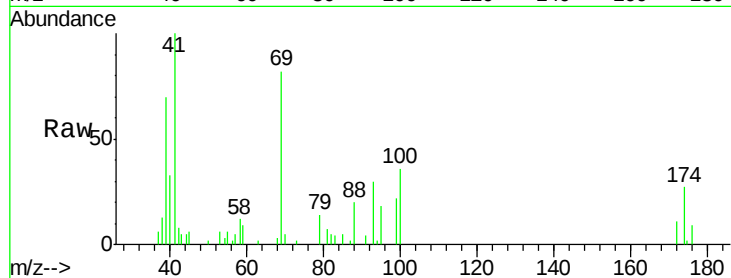




#49
1,4-Dioxane
Concen: 445.298 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

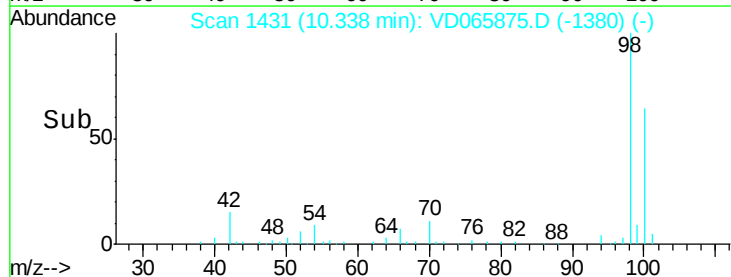
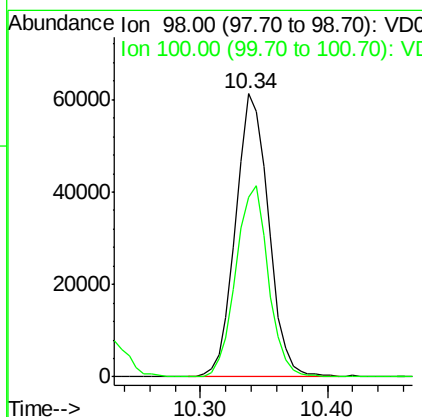
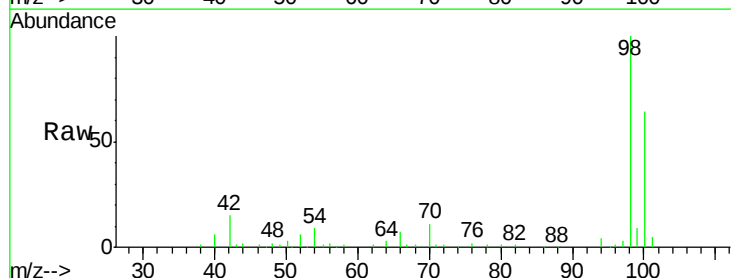
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

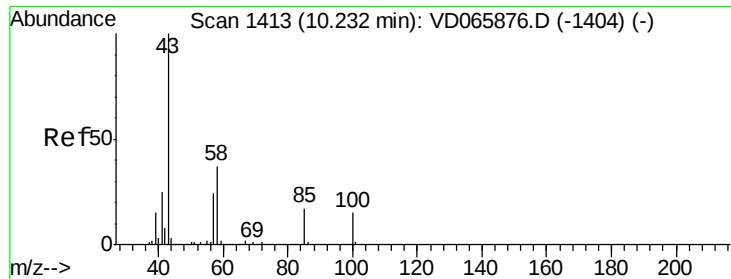
Tgt Ion: 88 Resp: 4364
Ion Ratio Lower Upper
88 100
43 31.4 35.8 53.8#
58 62.6 58.6 87.8



#50
Toluene-d8
Concen: 19.074 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 98 Resp: 110762
Ion Ratio Lower Upper
98 100
100 66.6 52.3 78.5

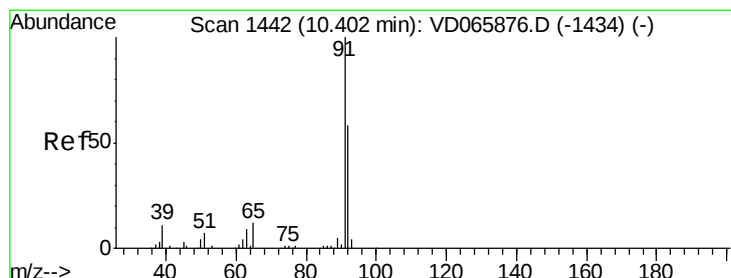
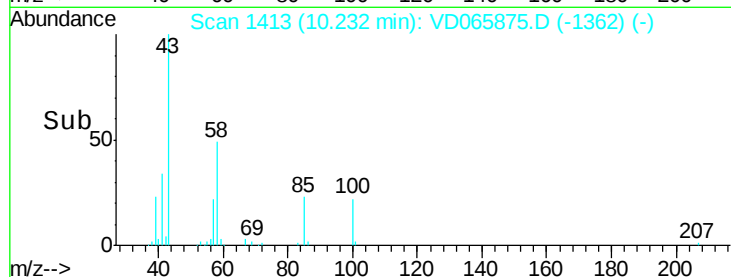
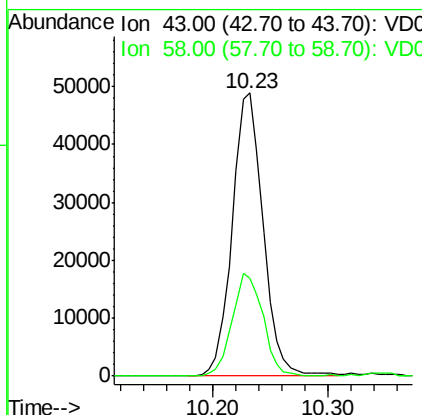
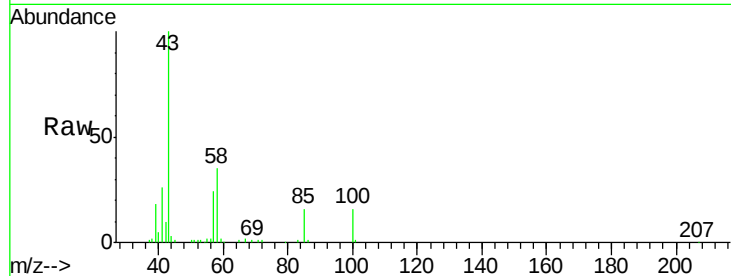




#51
 4-Methyl-2-Pentanone
 Concen: 98.799 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

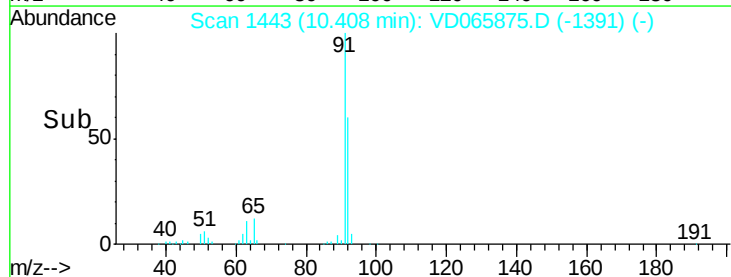
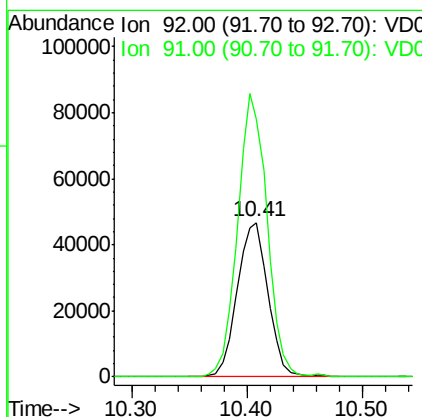
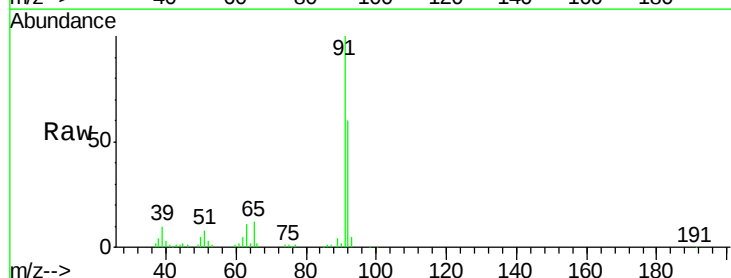
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

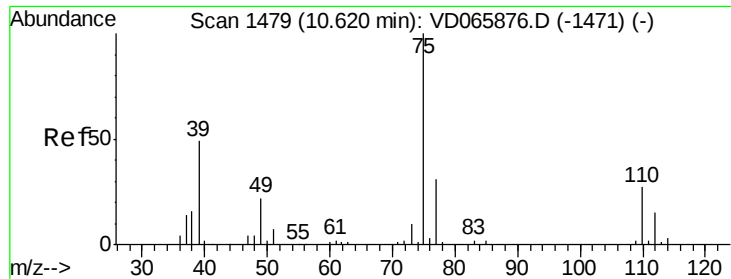
Tgt Ion: 43 Resp: 90518
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.5 44.3



#52
 Toluene
 Concen: 19.830 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 92 Resp: 86237
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 20.276 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

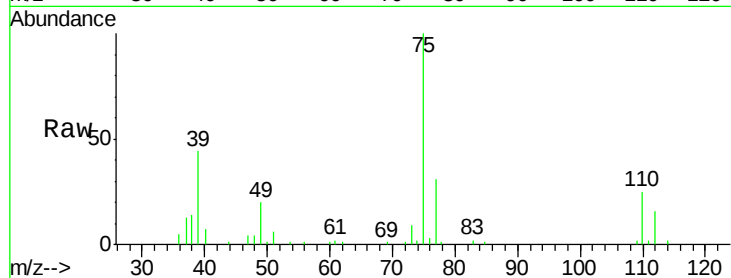
VSTDIC020

Tgt Ion: 75 Resp: 44885

Ion Ratio Lower Upper

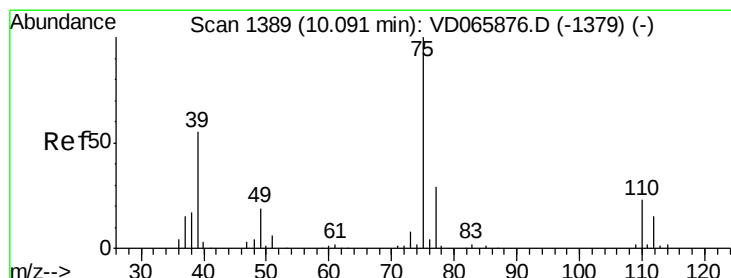
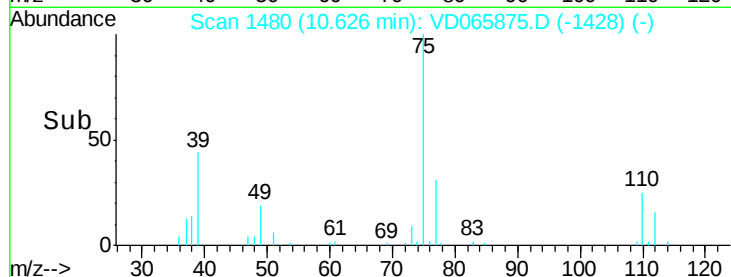
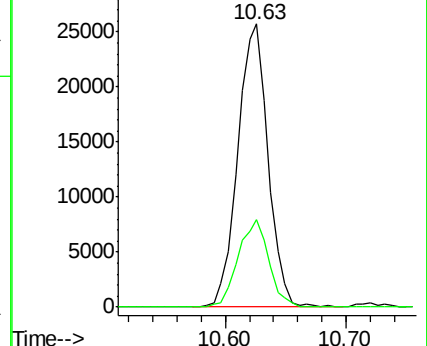
75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.537 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

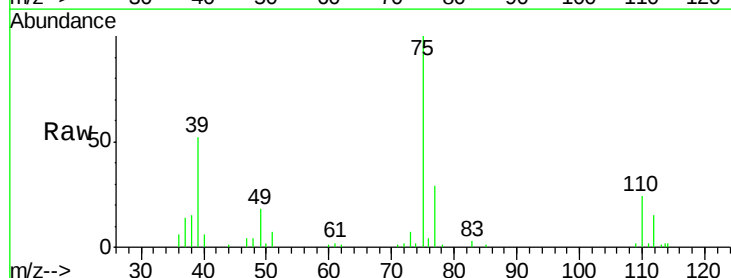
Tgt Ion: 75 Resp: 54396

Ion Ratio Lower Upper

75 100

77 28.8 23.4 35.0

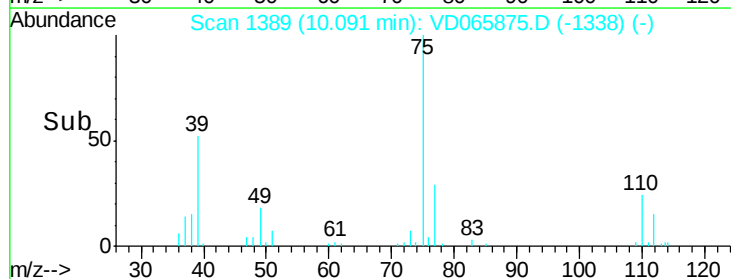
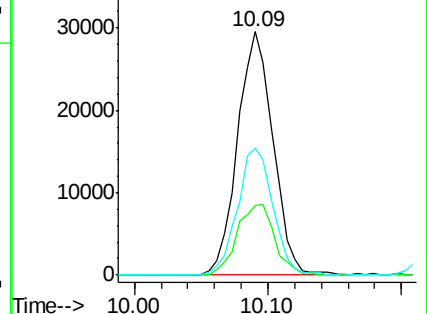
39 52.2 43.9 65.9

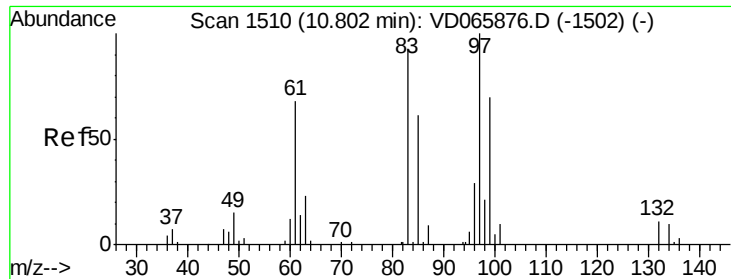


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 20.555 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 24291

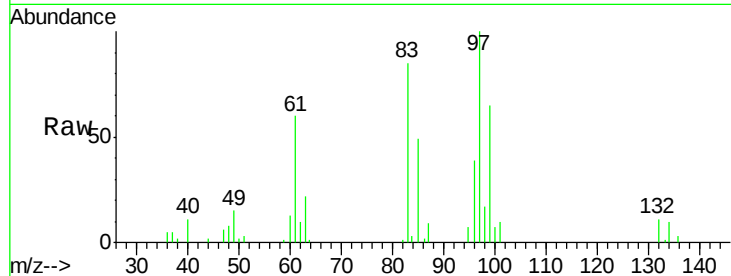
Ion Ratio Lower Upper

97 100

83 85.2 74.2 111.4

85 49.3 48.8 73.2

99 64.9 55.9 83.9

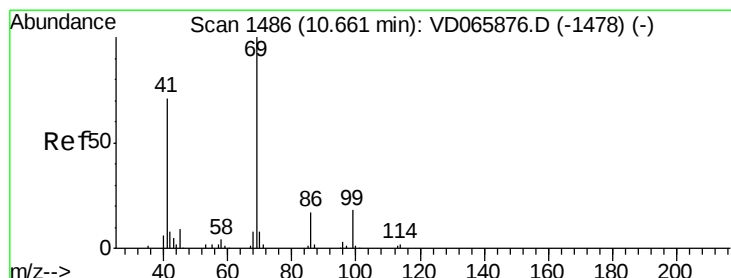
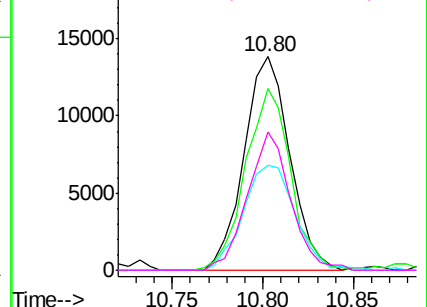
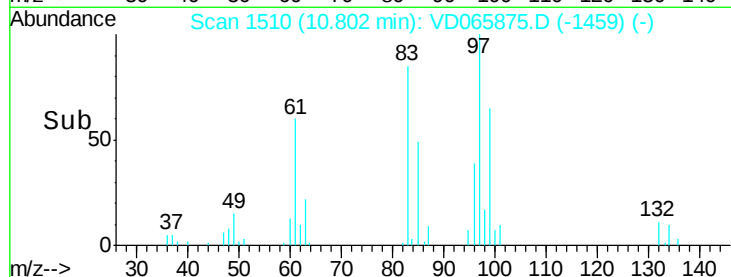


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 19.757 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

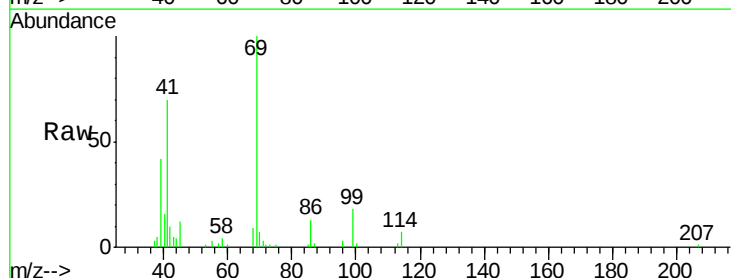
Tgt Ion: 69 Resp: 28931

Ion Ratio Lower Upper

69 100

41 69.7 55.4 83.2

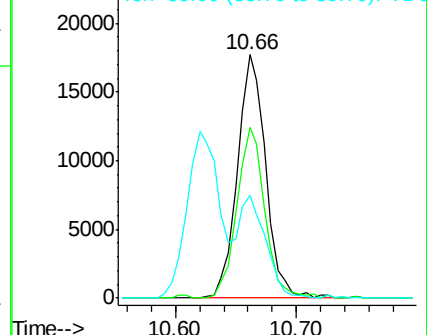
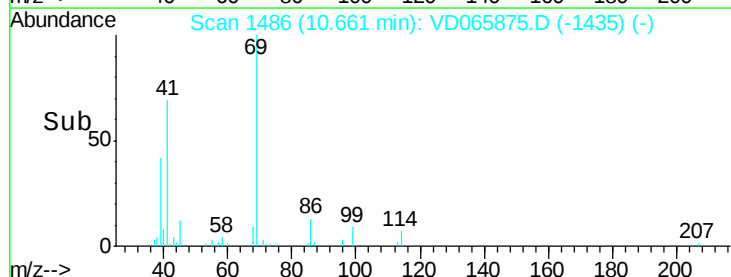
39 42.3 33.0 49.4

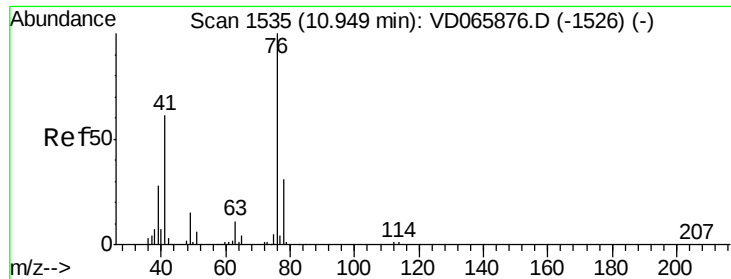


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

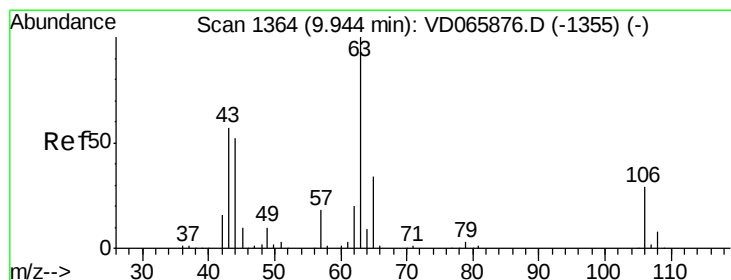
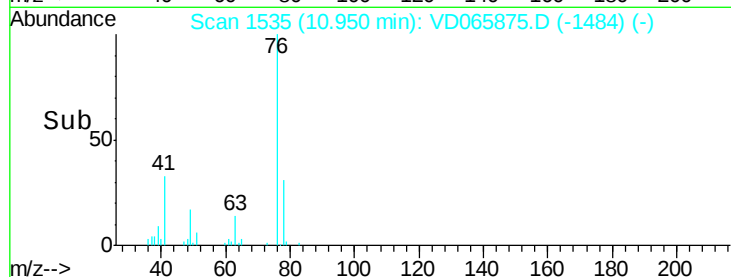
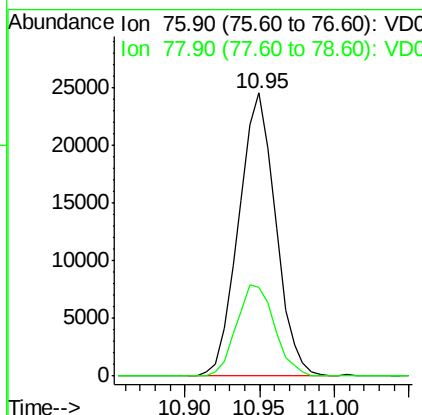
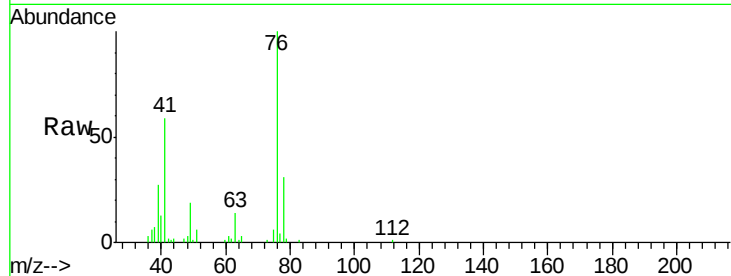




#57
 1,3-Dichloropropane
 Concen: 20.077 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

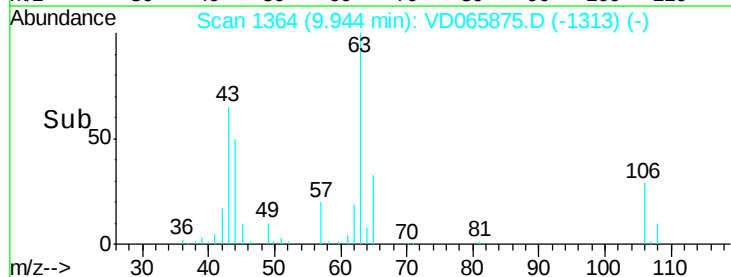
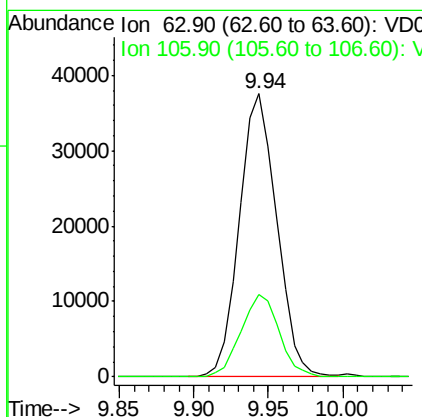
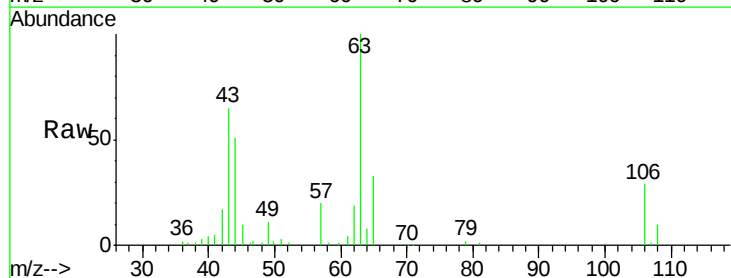
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

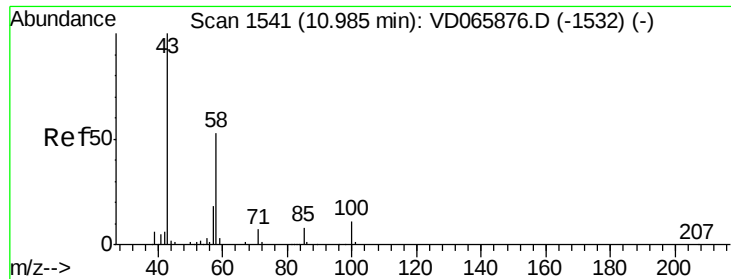
Tgt Ion: 76 Resp: 42071
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.654 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 63 Resp: 65156
 Ion Ratio Lower Upper
 63 100
 106 29.6 22.6 34.0

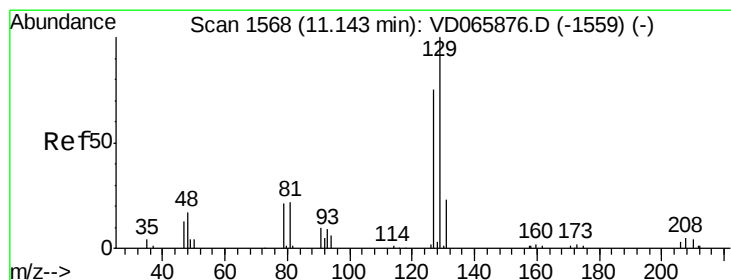
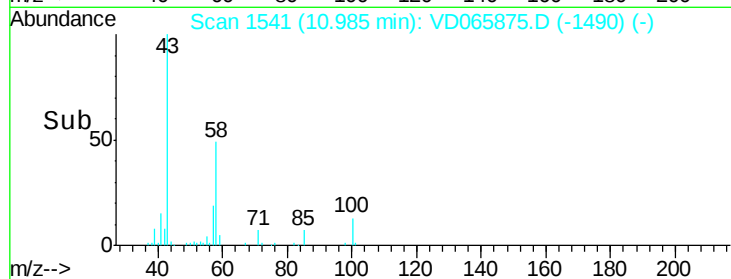
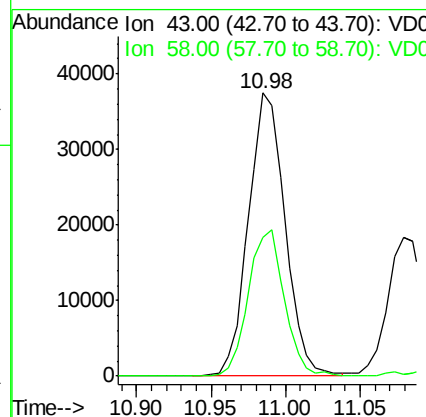
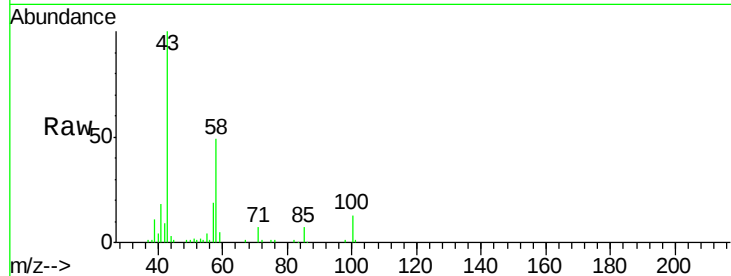




#59
2-Hexanone
Concen: 98.402 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

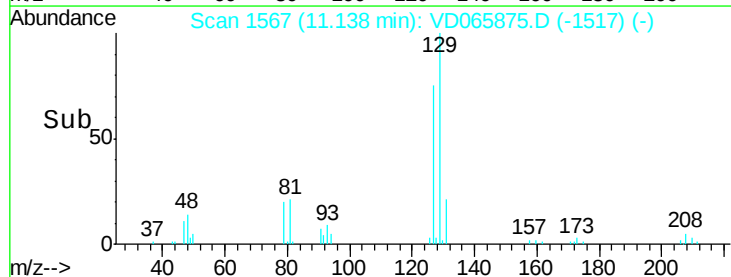
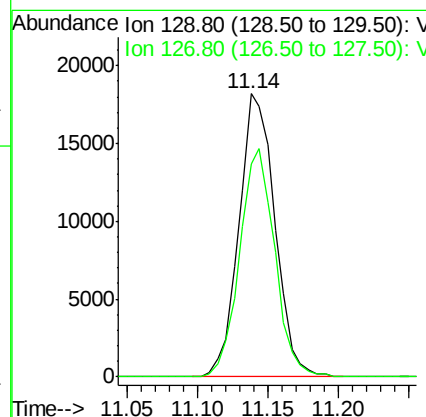
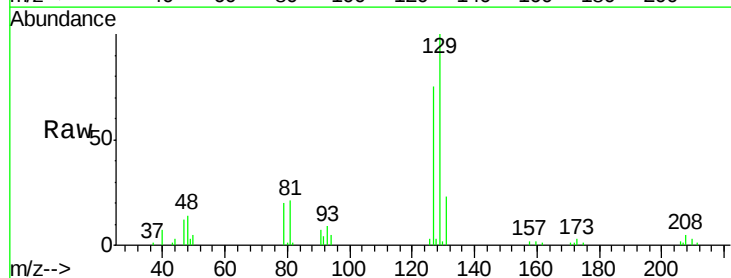
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

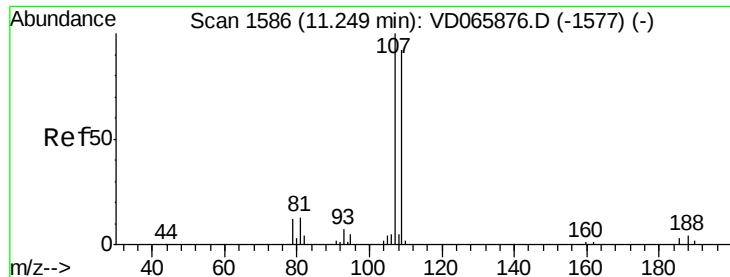
Tgt Ion: 43 Resp: 63734
Ion Ratio Lower Upper
43 100
58 50.4 26.1 78.3



#60
Dibromochloromethane
Concen: 20.307 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 129 Resp: 32368
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

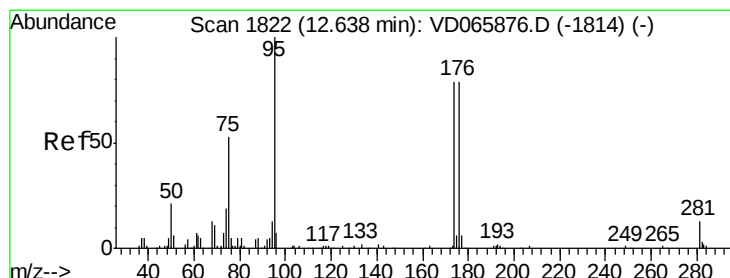
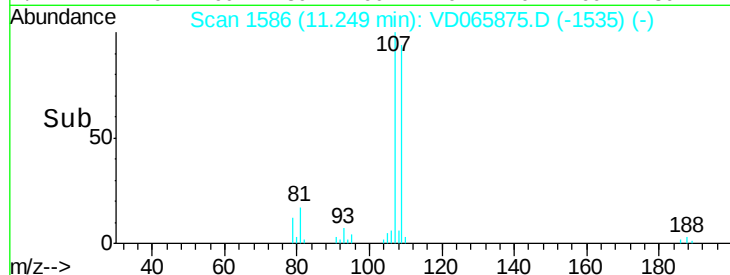
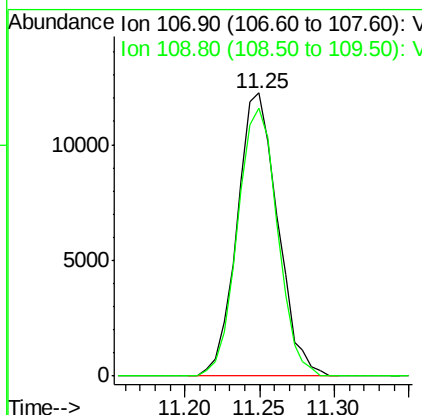
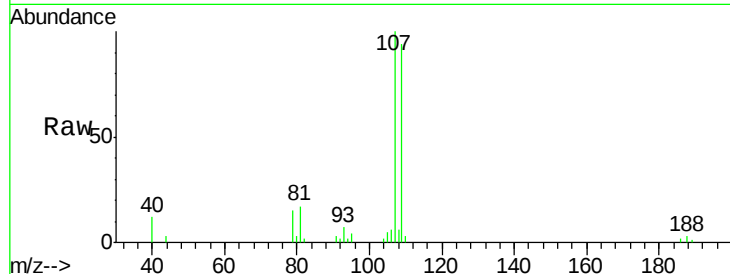




#61
 1,2-Dibromoethane
 Concen: 20.072 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

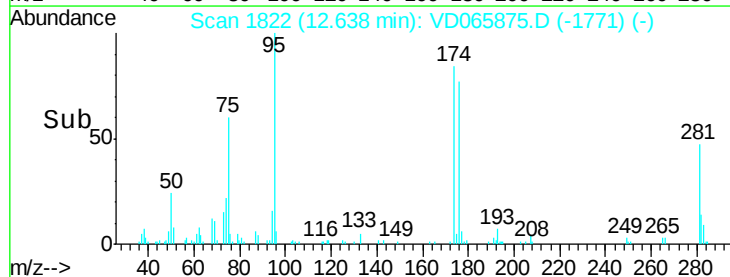
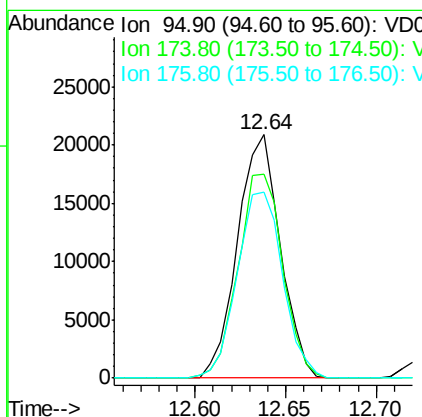
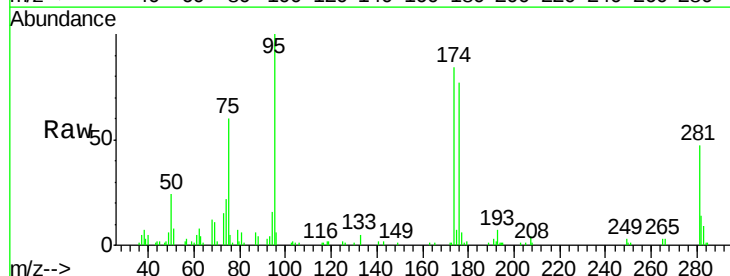
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

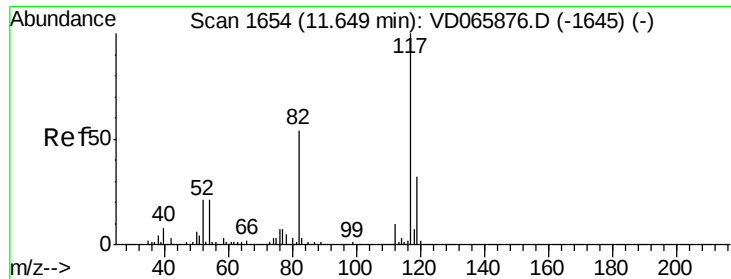
Tgt Ion: 107 Resp: 23059
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 18.016 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 95 Resp: 34393
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 158.4
 176 81.2 0.0 156.0

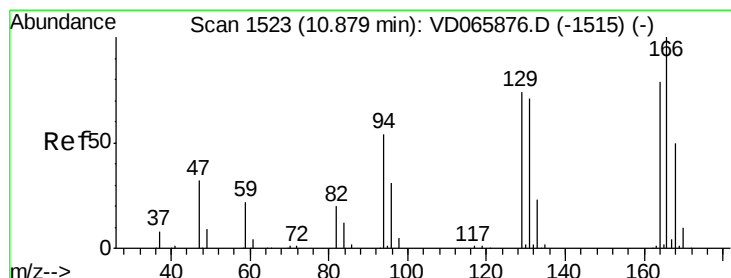
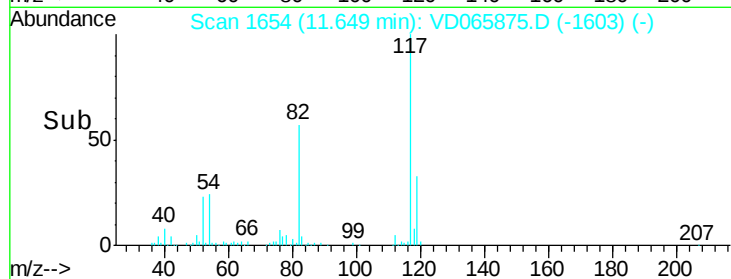
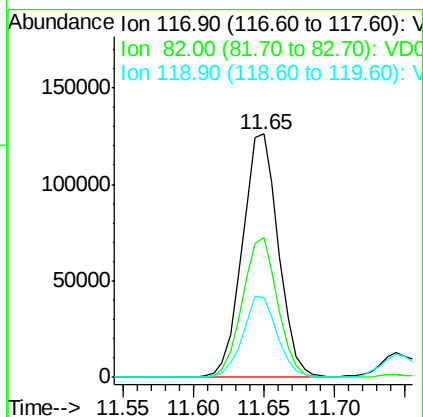
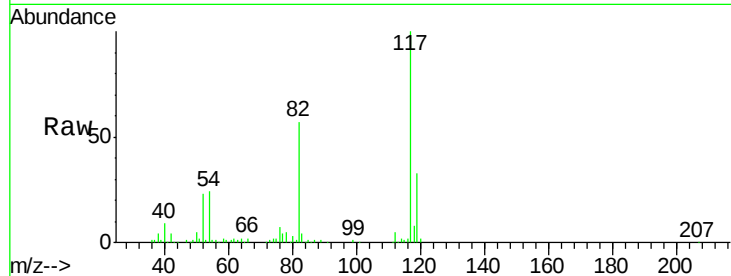




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

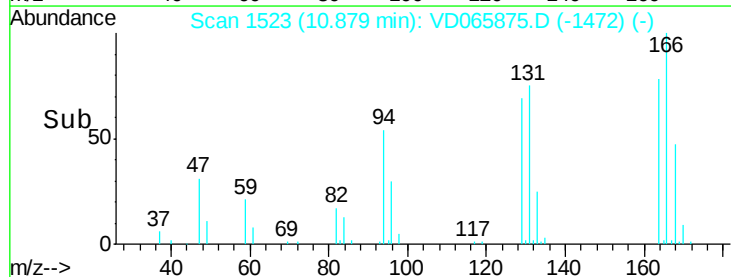
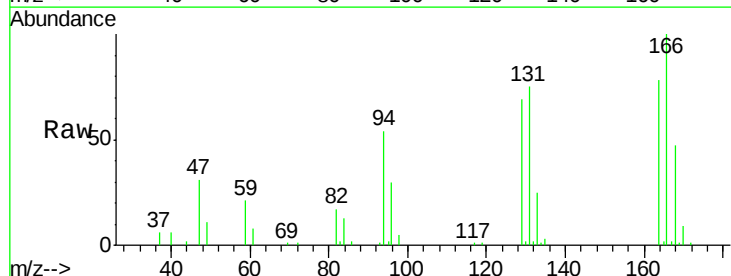
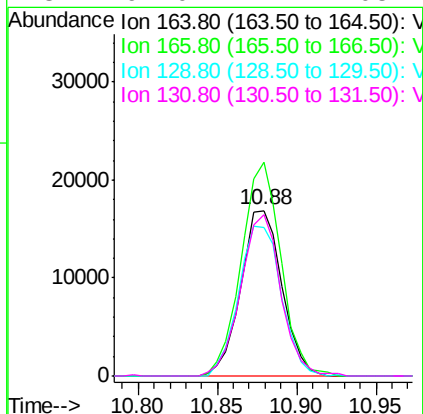
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

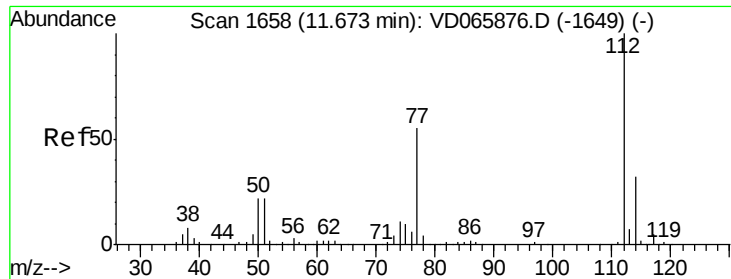
Tgt Ion:117 Resp: 225308
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 20.814 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion:164 Resp: 30489
Ion Ratio Lower Upper
164 100
166 128.8 101.3 151.9
129 89.4 74.5 111.7
131 97.0 72.2 108.4





#65

Chlorobenzene

Concen: 20.416 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

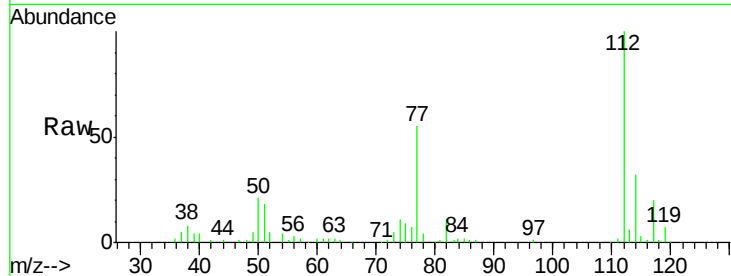
VSTDIC020

Tgt Ion:112 Resp: 90718

Ion Ratio Lower Upper

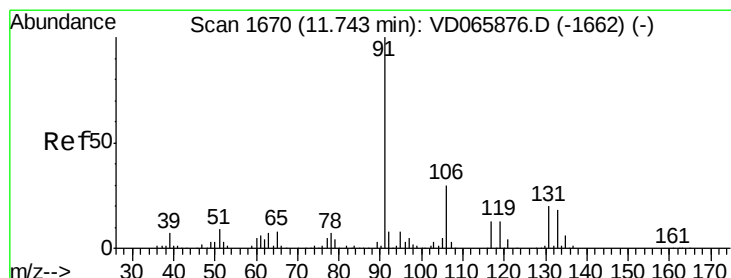
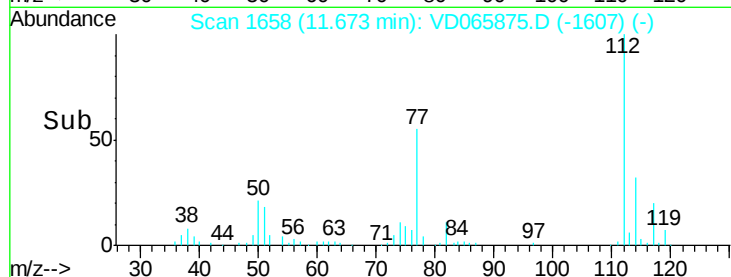
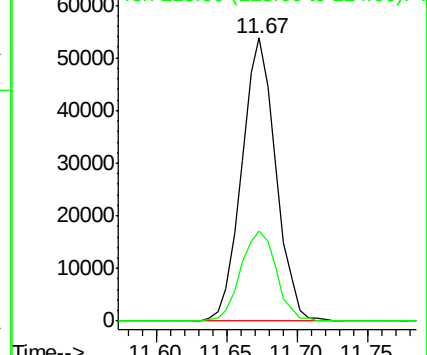
112 100

114 32.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.178 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

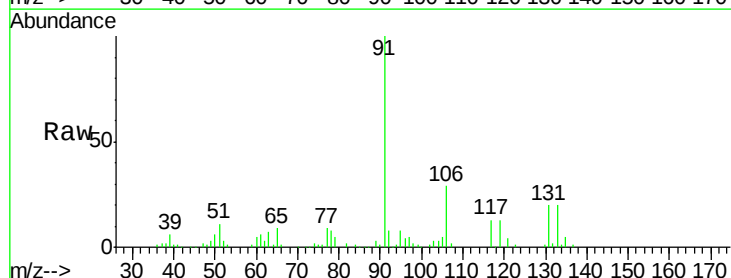
Tgt Ion:131 Resp: 33214

Ion Ratio Lower Upper

131 100

133 97.2 48.1 144.3

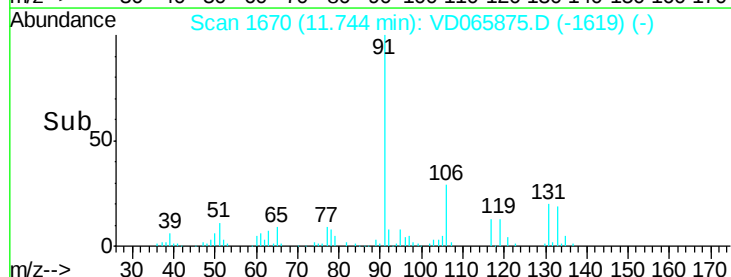
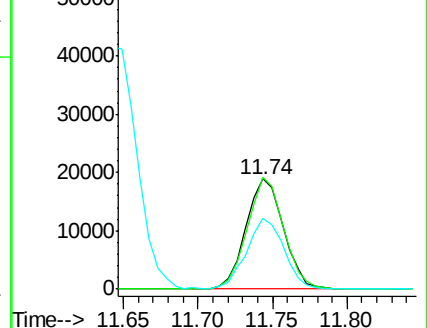
119 63.0 33.0 98.9

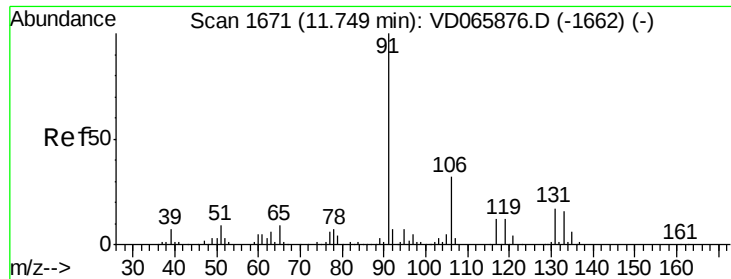


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

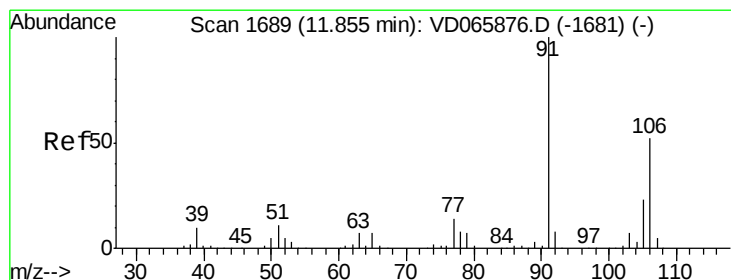
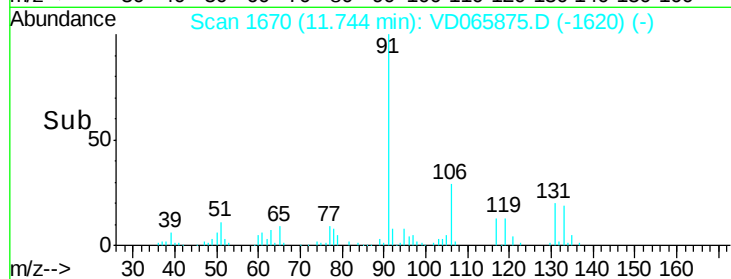
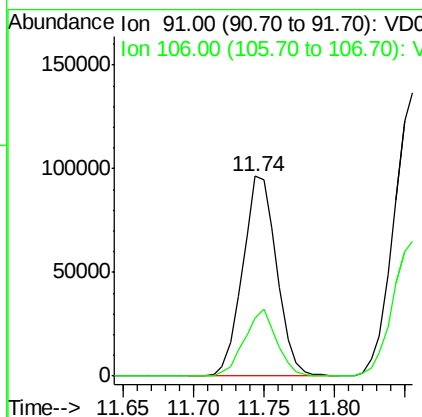
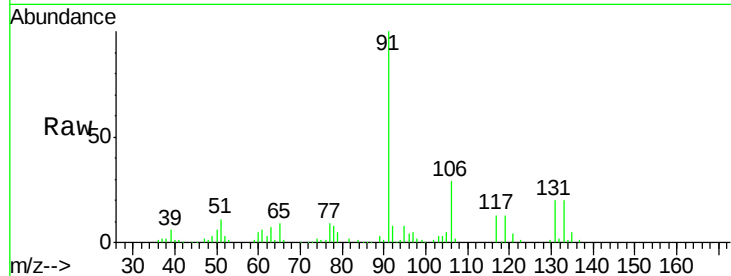




#67
Ethyl Benzene
Concen: 19.806 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

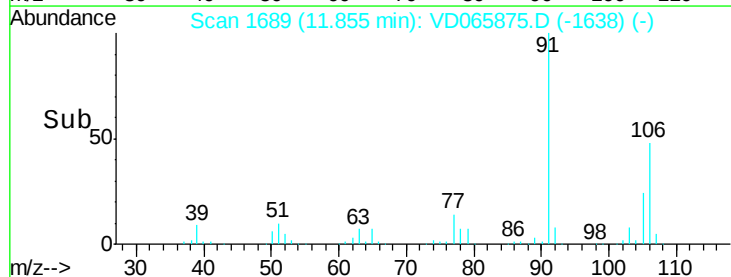
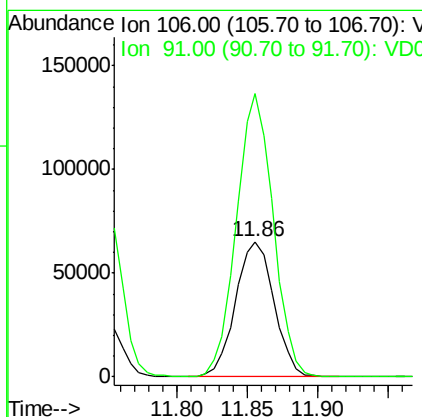
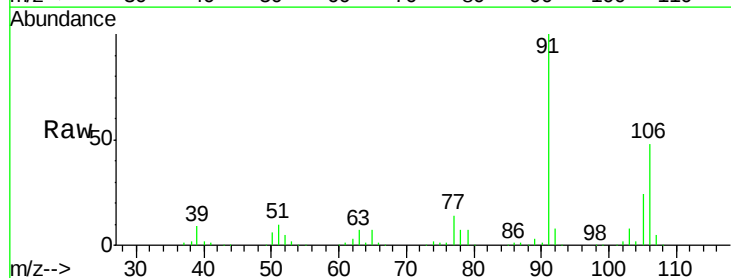
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

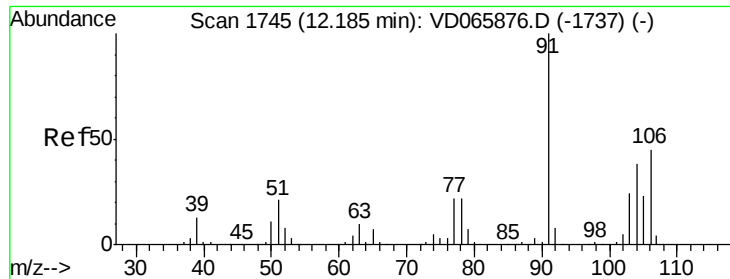
Tgt Ion: 91 Resp: 163188
Ion Ratio Lower Upper
91 100
106 29.2 25.3 37.9



#68
m/p-Xylenes
Concen: 39.490 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 106 Resp: 124115
Ion Ratio Lower Upper
106 100
91 200.5 159.5 239.3

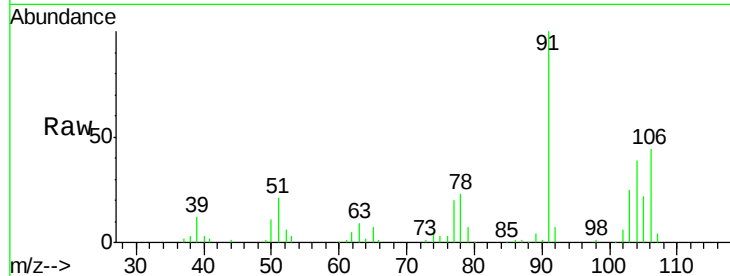




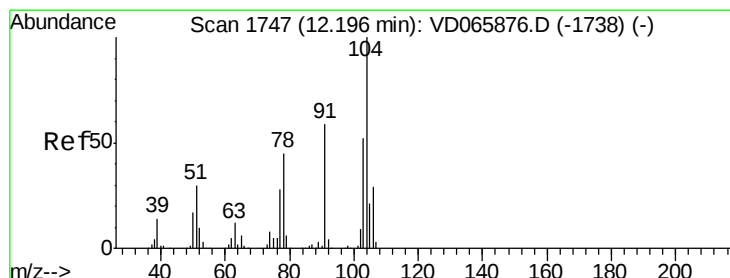
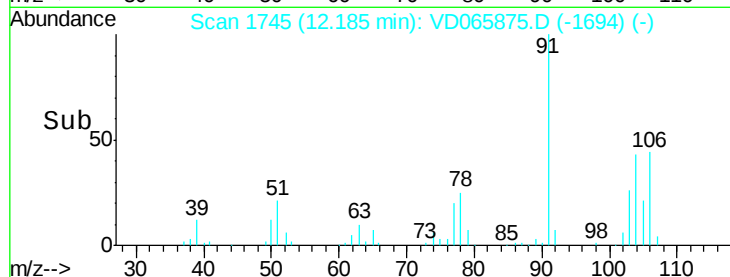
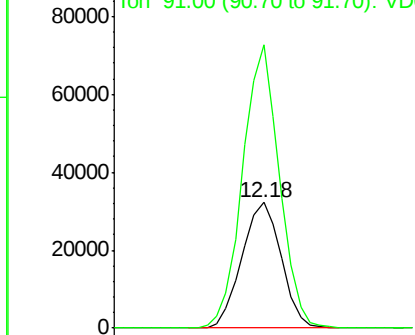
#69
o-Xylene
Concen: 19.763 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 55665
Ion Ratio Lower Upper
106 100
91 209.8 107.5 322.6

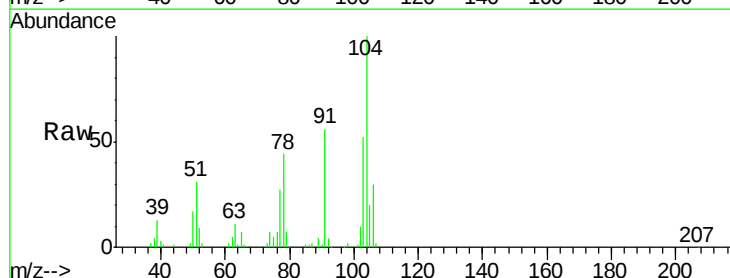


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

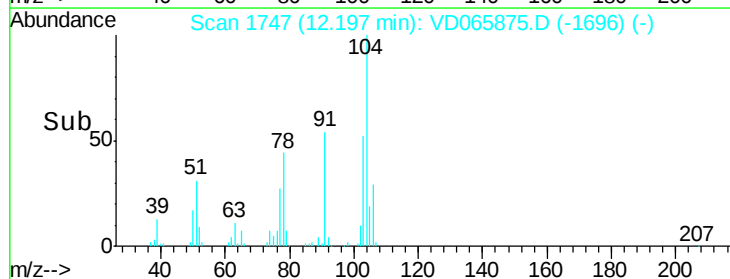
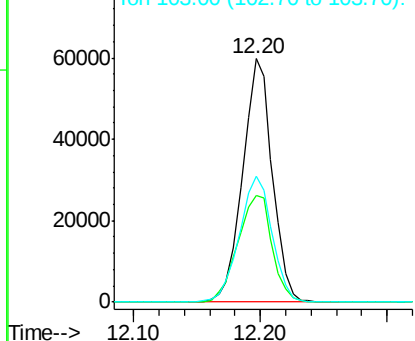


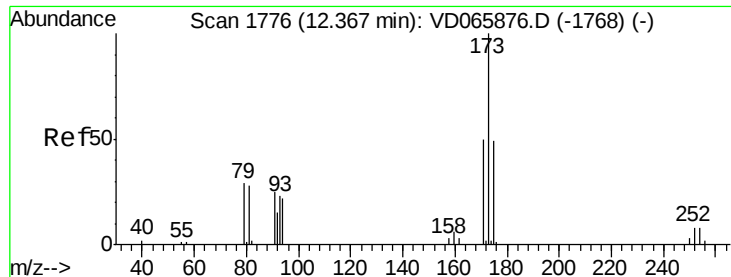
#70
Styrene
Concen: 19.687 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion:104 Resp: 97043
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.6
103 56.8 44.6 66.8



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

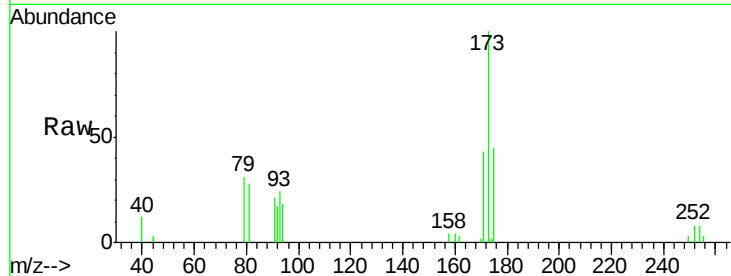




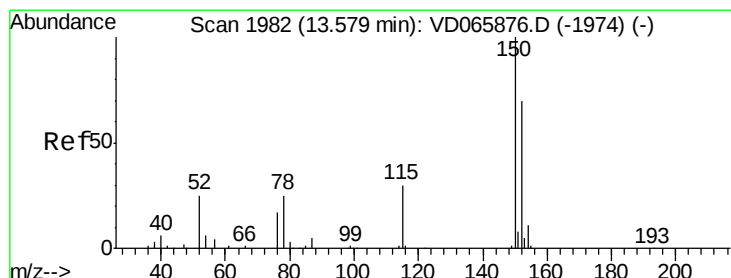
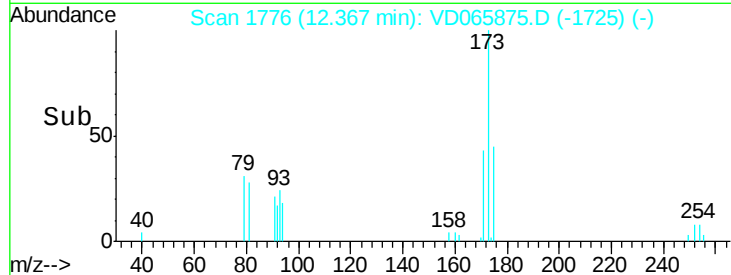
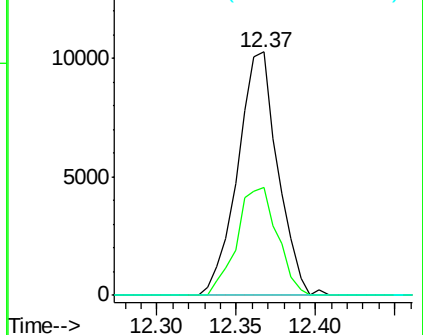
#71
Bromoform
Concen: 20.529 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 18002
Ion Ratio Lower Upper
173 100
175 44.8 23.9 71.8
254 0.0 0.0 0.0

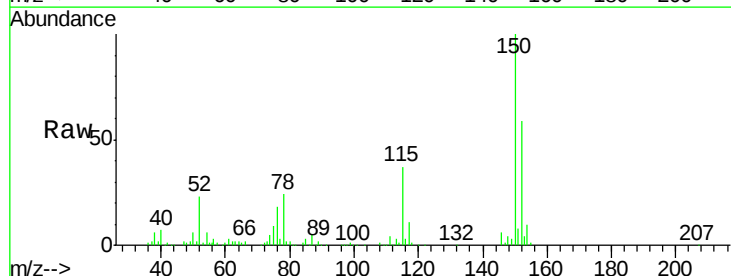


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

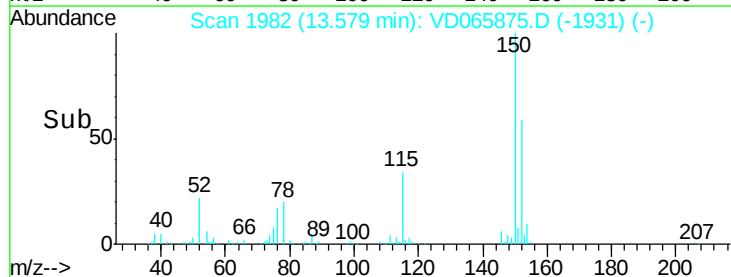
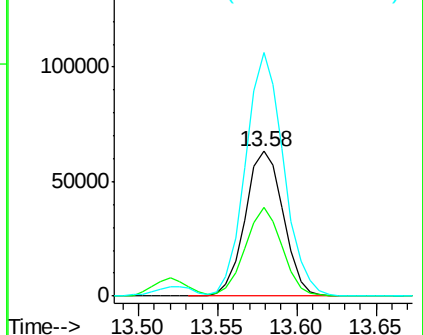


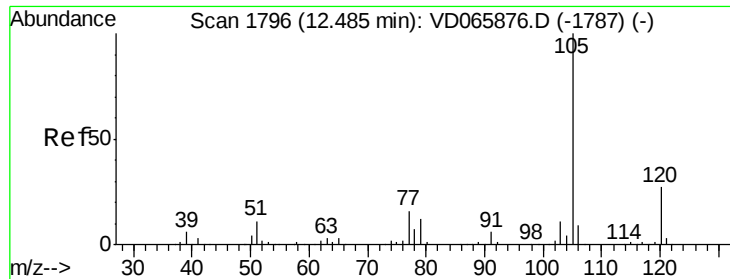
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion:152 Resp: 105951
Ion Ratio Lower Upper
152 100
115 59.2 29.7 89.1
150 167.6 0.0 346.2



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: 20.347 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

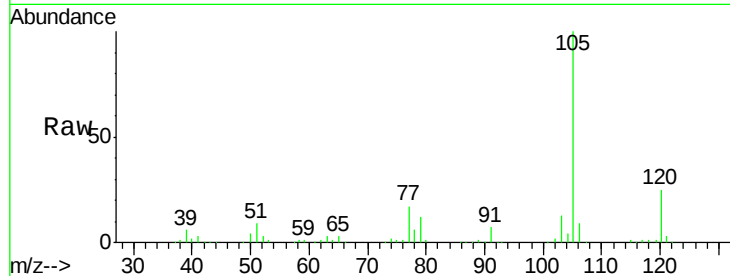
VSTDIC020

Tgt Ion:105 Resp: 154168

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

100000

80000

60000

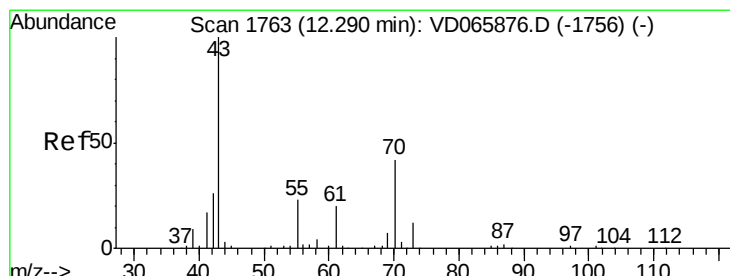
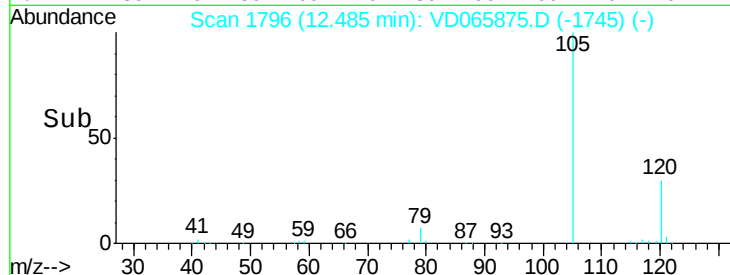
40000

20000

0

Time-->

12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 20.581 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Tgt Ion: 43 Resp: 34051

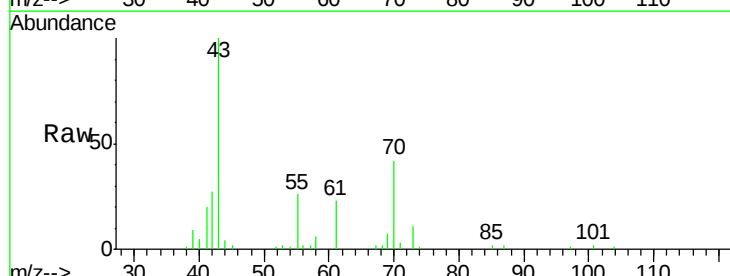
Ion Ratio Lower Upper

43 100

70 41.3 32.5 48.7

55 24.9 18.7 28.1

61 23.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

30000

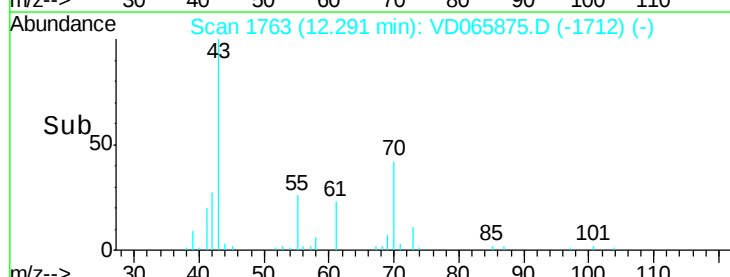
20000

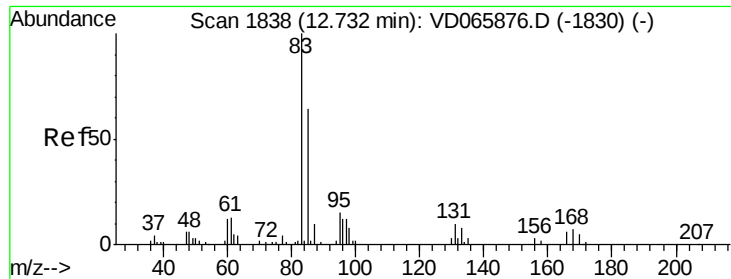
10000

0

Time-->

12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 20.882 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

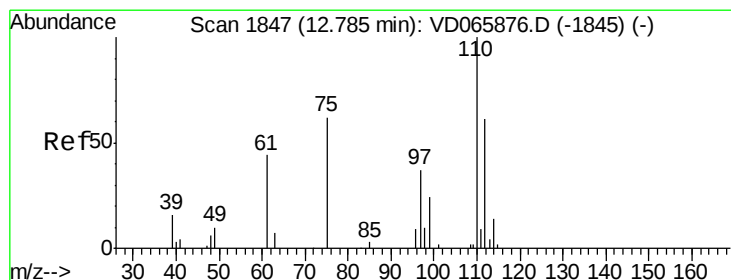
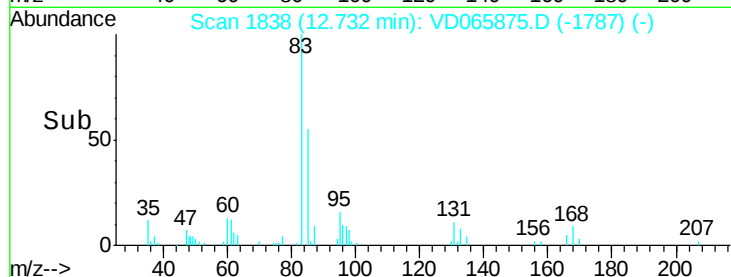
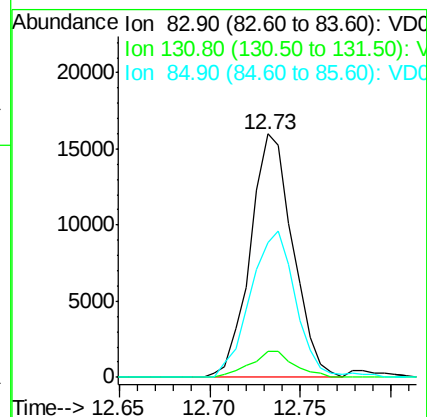
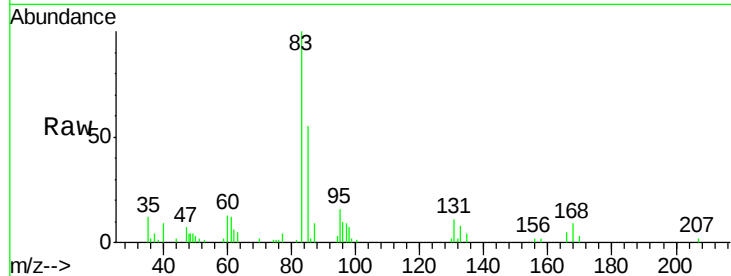
Tgt Ion: 83 Resp: 26085

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

85 64.4 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 39.558 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065875.D

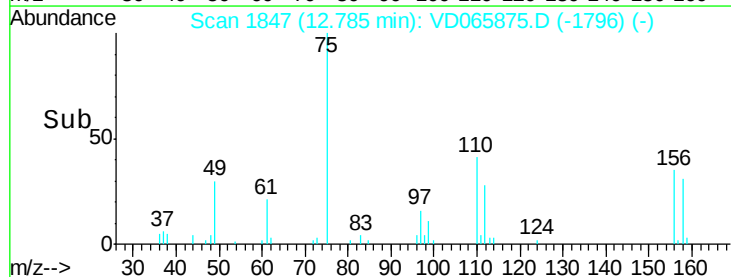
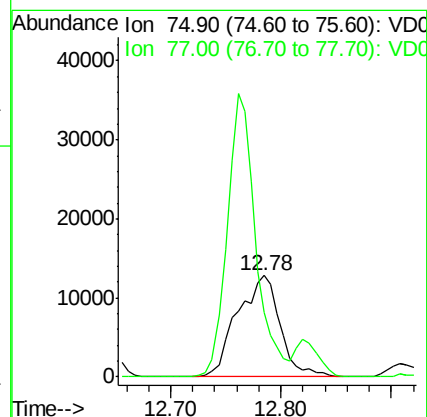
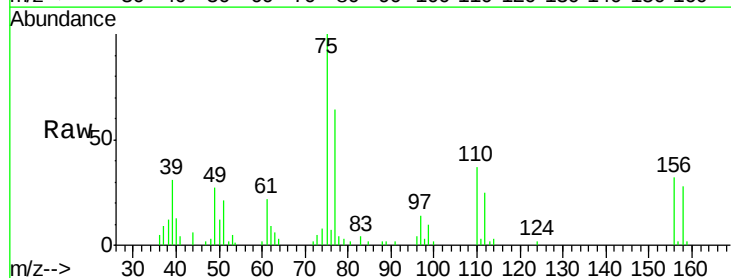
Acq: 26 Jun 2020 11:38

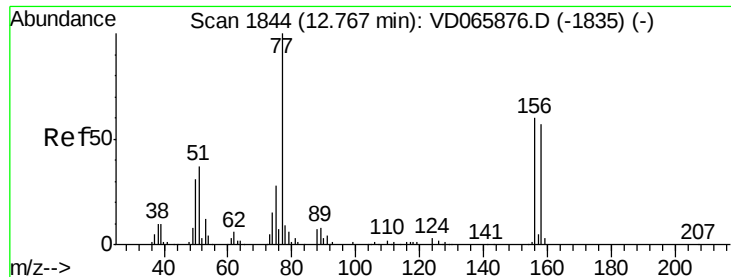
Tgt Ion: 75 Resp: 34747

Ion Ratio Lower Upper

75 100

77 0.0 168.5 505.5#





#77

Bromobenzene

Concen: 20.685 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

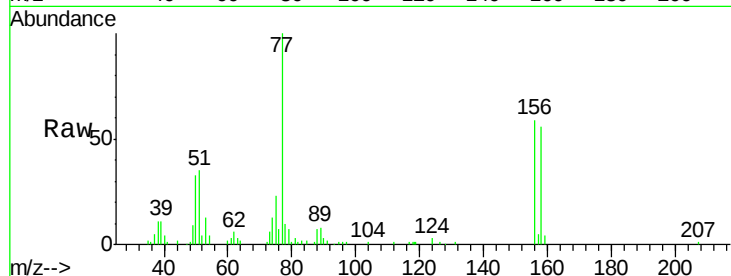
Tgt Ion:156 Resp: 35278

Ion Ratio Lower Upper

156 100

77 183.4 90.5 271.5

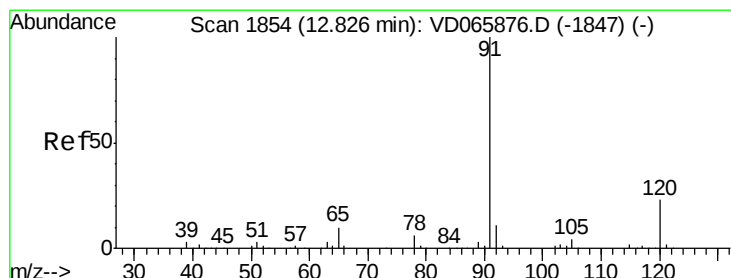
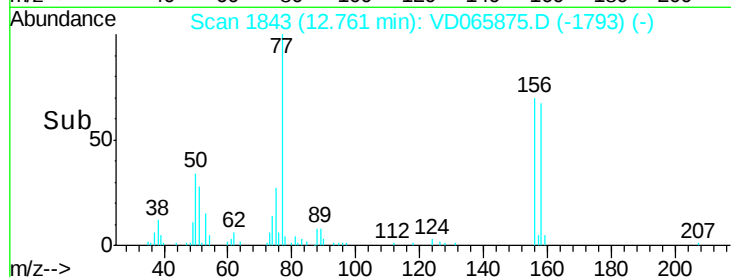
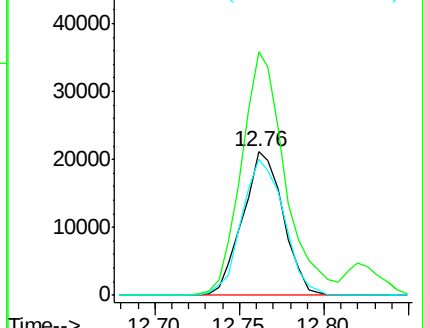
158 98.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.614 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065875.D

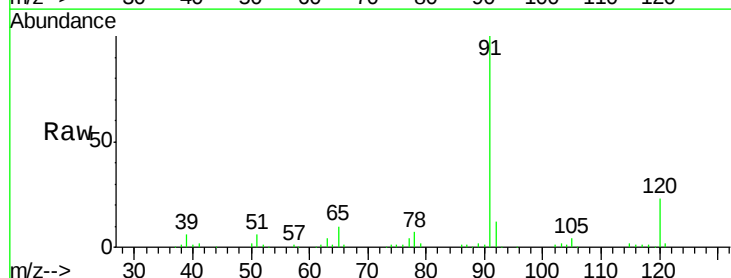
Acq: 26 Jun 2020 11:38

Tgt Ion: 91 Resp: 188621

Ion Ratio Lower Upper

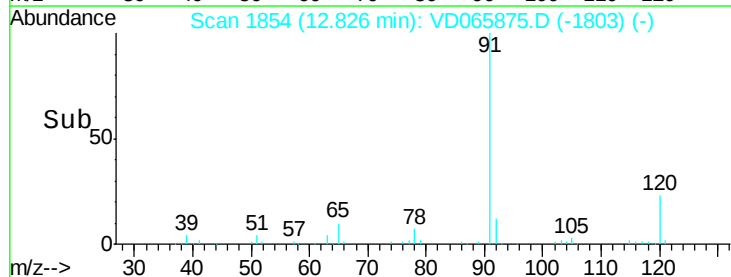
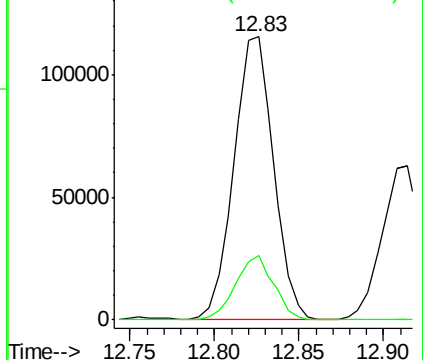
91 100

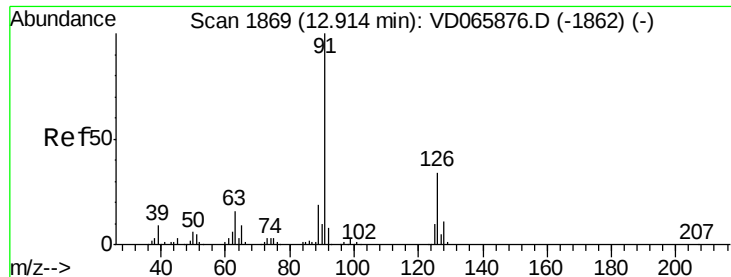
120 21.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.576 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

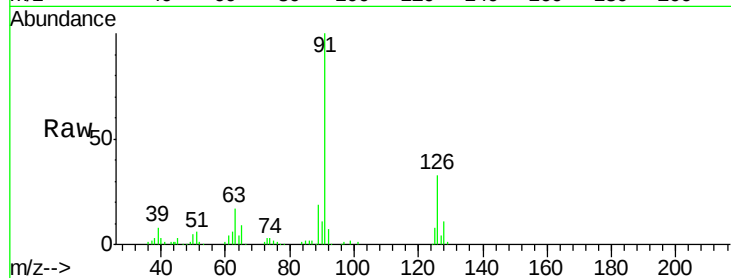
VSTDIC020

Tgt Ion: 91 Resp: 103457

Ion Ratio Lower Upper

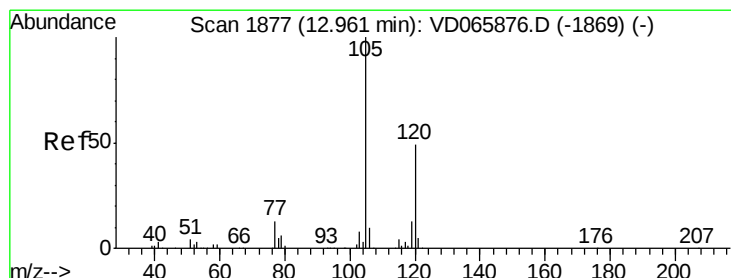
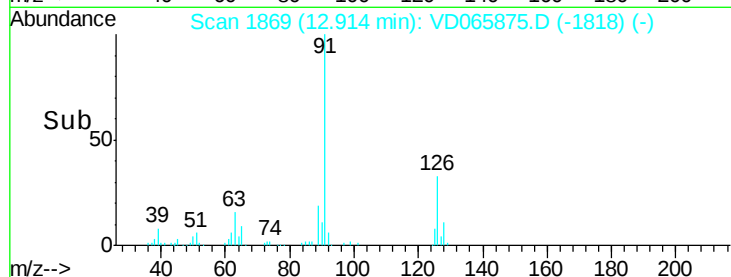
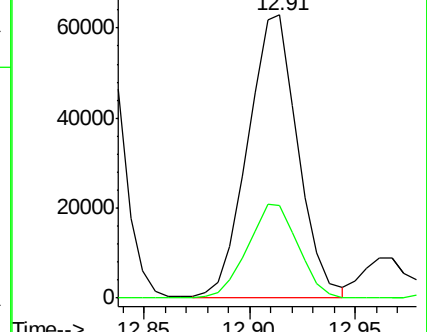
91 100

126 33.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.334 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065875.D

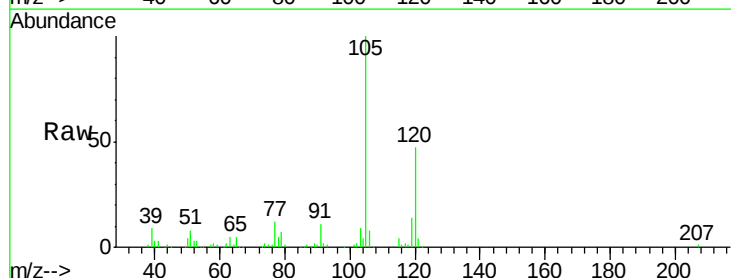
Acq: 26 Jun 2020 11:38

Tgt Ion: 105 Resp: 128379

Ion Ratio Lower Upper

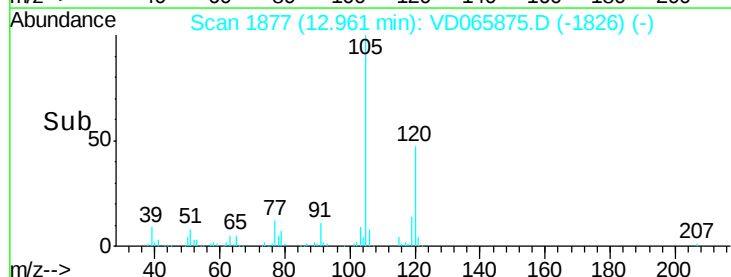
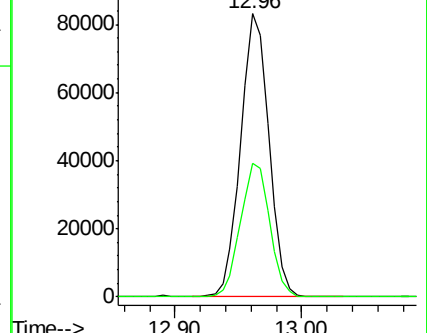
105 100

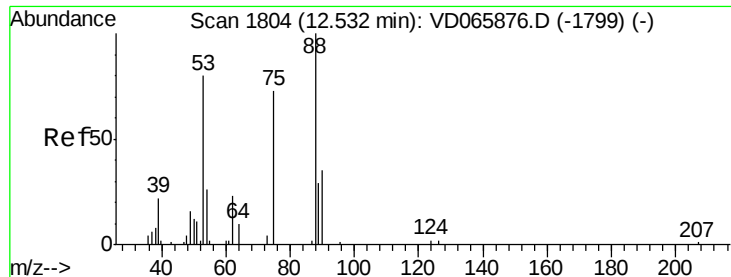
120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.437 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

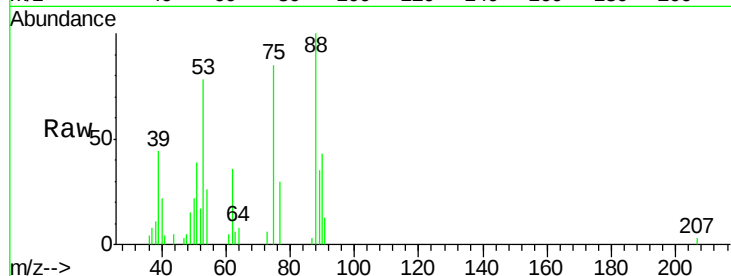
Tgt Ion: 75 Resp: 8719

Ion Ratio Lower Upper

75 100

53 99.9 80.6 121.0

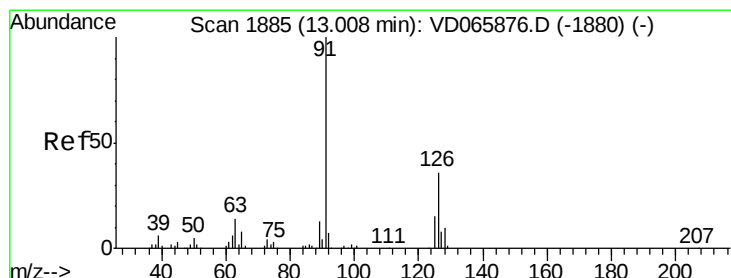
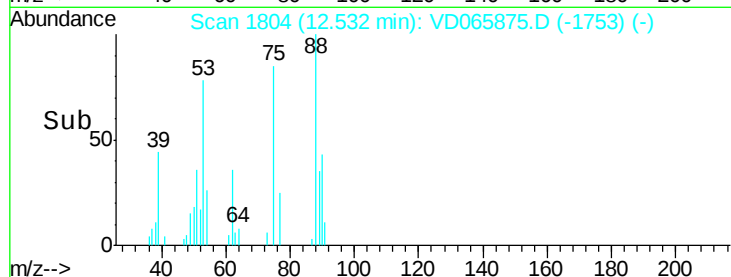
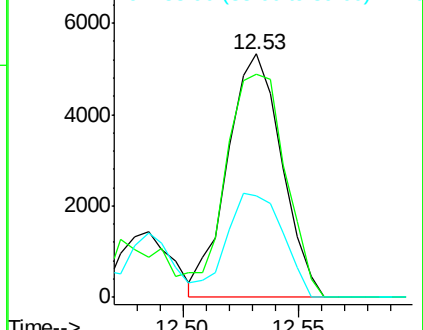
89 44.6 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.387 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065875.D

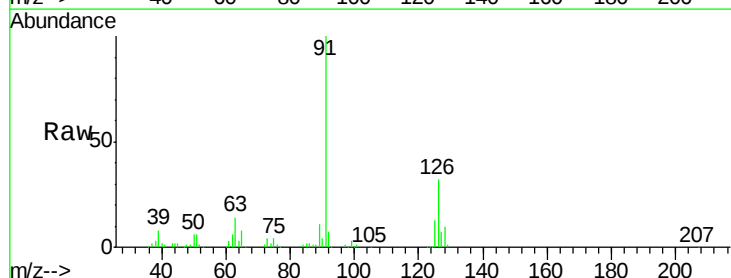
Acq: 26 Jun 2020 11:38

Tgt Ion: 91 Resp: 110232

Ion Ratio Lower Upper

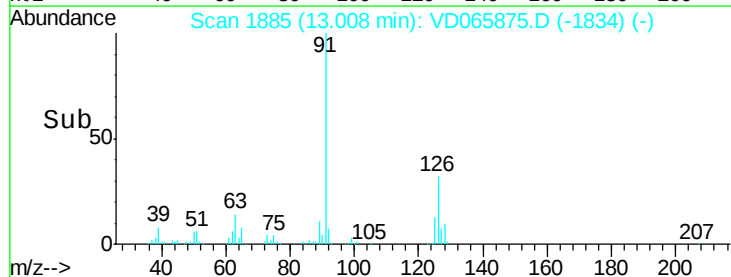
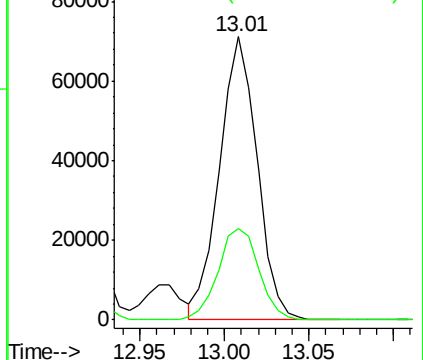
91 100

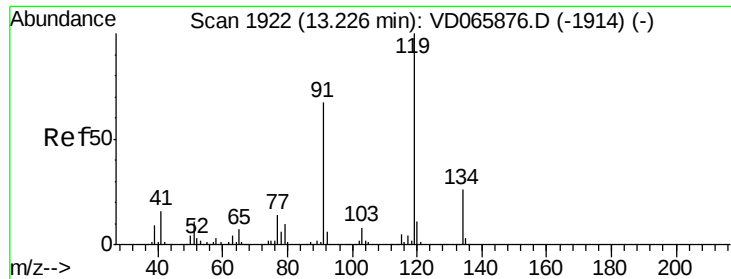
126 34.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

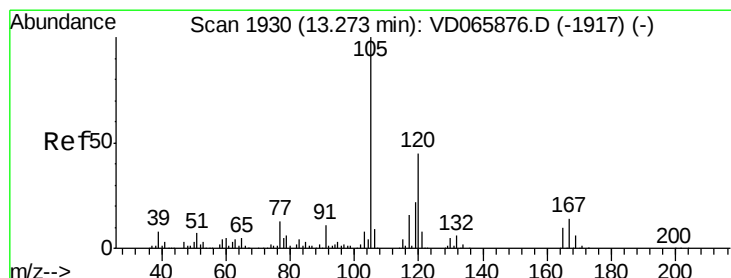
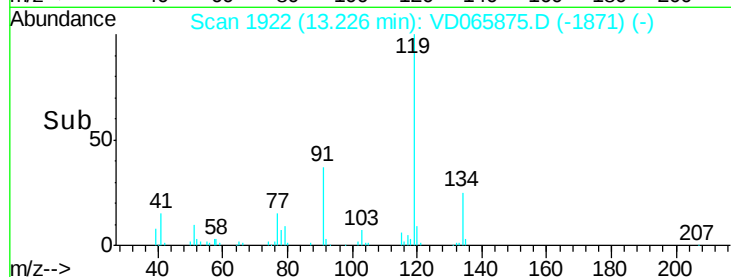
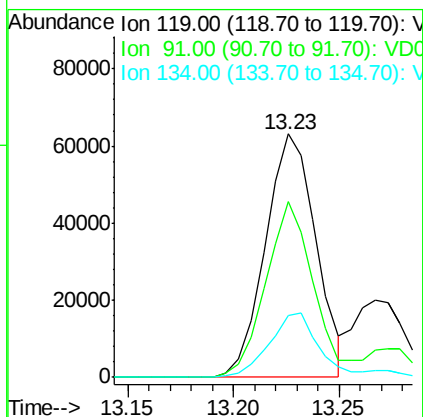
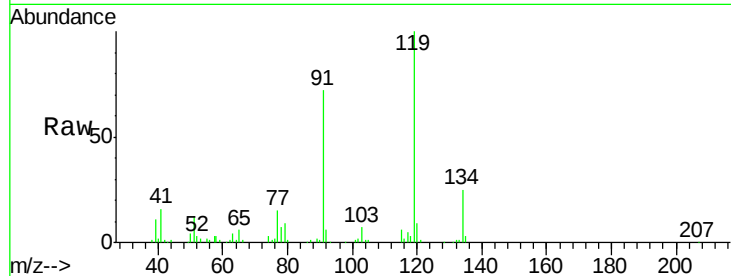




#83
 tert-Butylbenzene
 Concen: 19.540 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

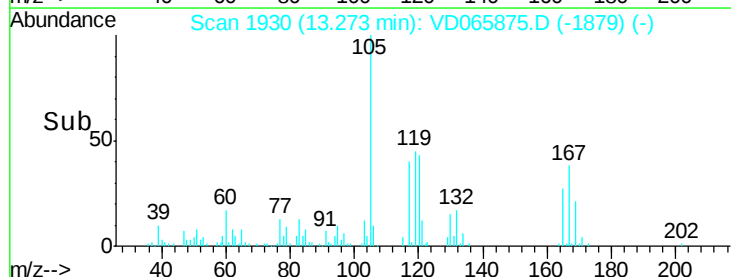
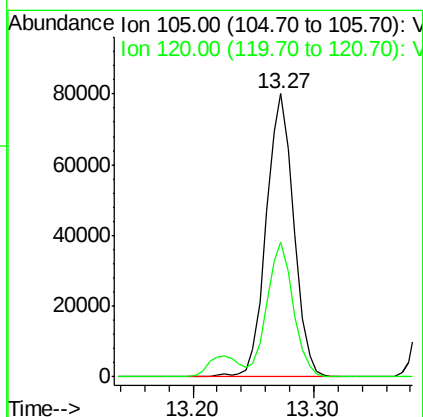
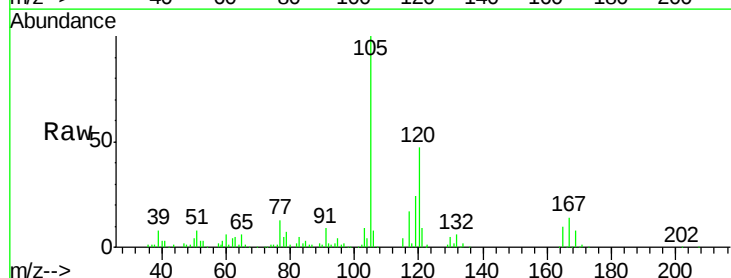
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

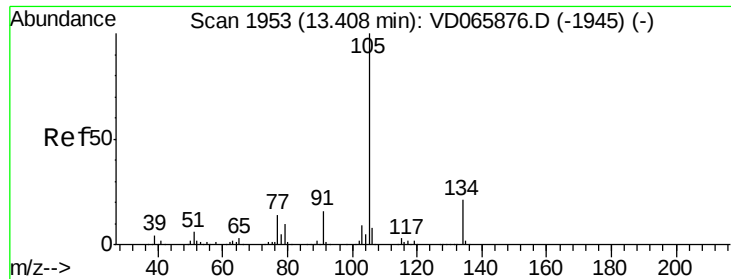
Tgt Ion:119 Resp: 104857
 Ion Ratio Lower Upper
 119 100
 91 67.9 32.2 96.6
 134 26.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.231 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion:105 Resp: 127107
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0

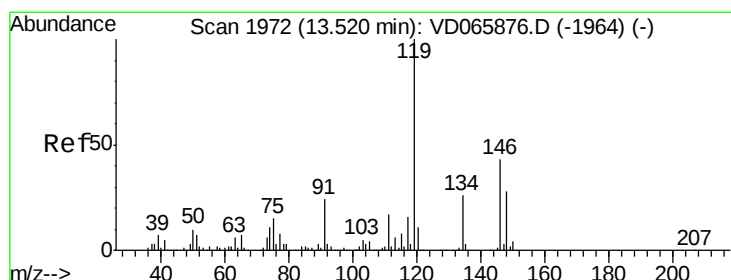
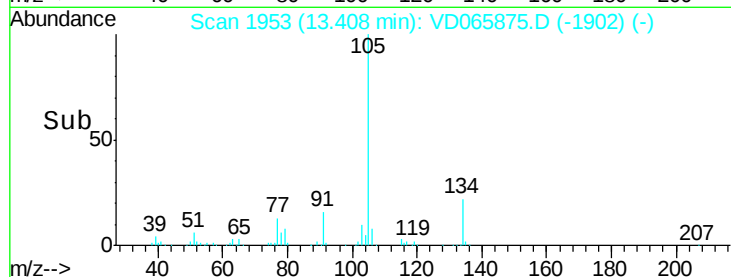
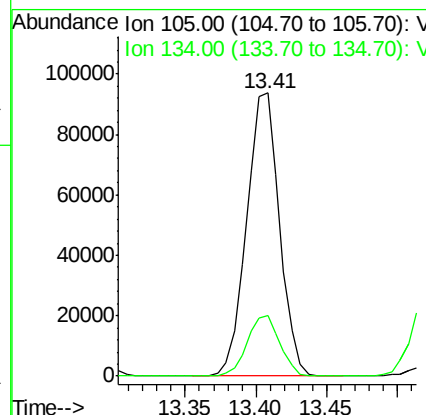
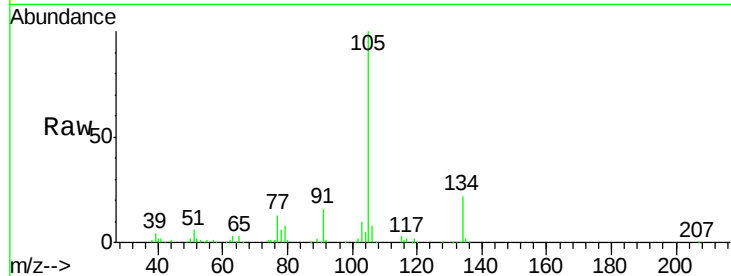




#85
 sec-Butylbenzene
 Concen: 20.195 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

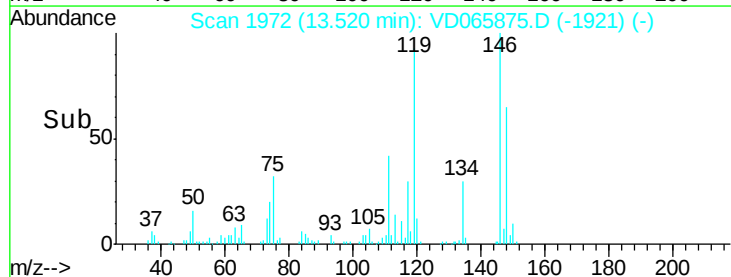
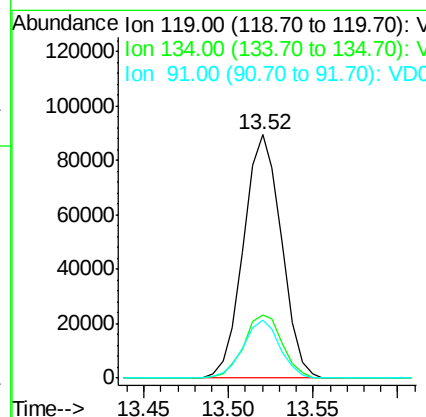
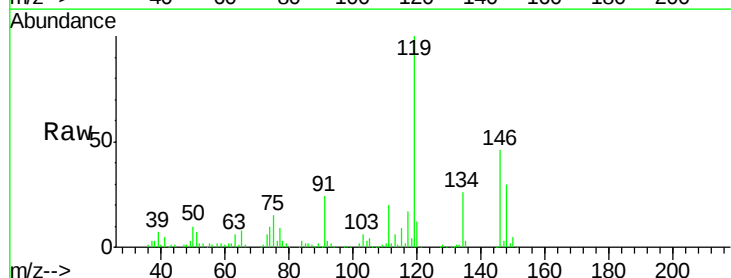
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

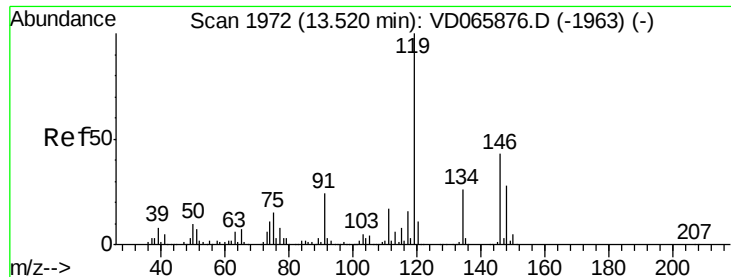
Tgt Ion:105 Resp: 153107
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.037 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion:119 Resp: 139483
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 23.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.073 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

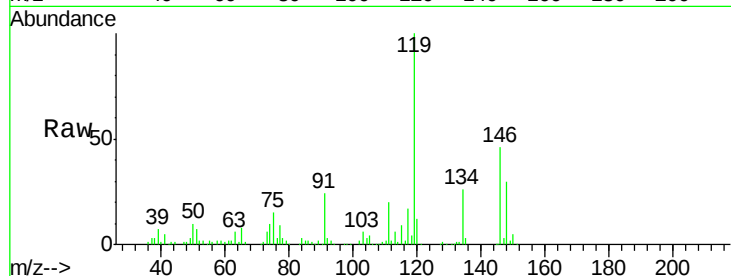
Tgt Ion:146 Resp: 66683

Ion Ratio Lower Upper

146 100

111 41.5 19.4 58.4

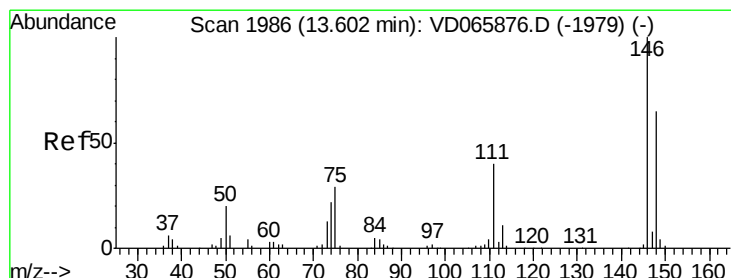
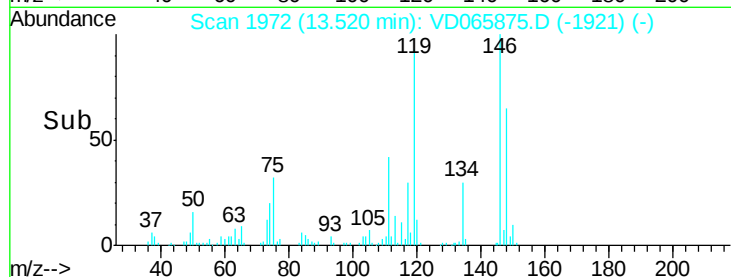
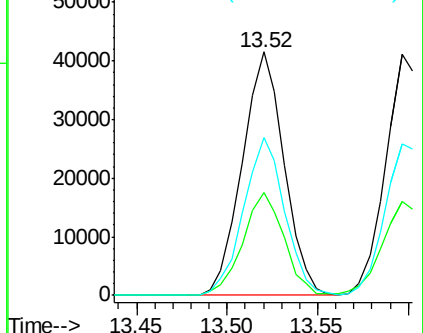
148 63.8 32.2 96.6



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: 20.494 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD065875.D

Acq: 26 Jun 2020 11:38

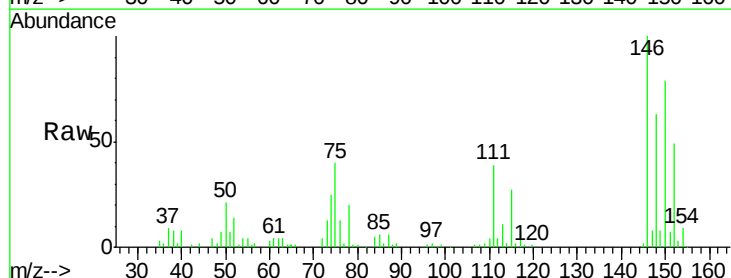
Tgt Ion:146 Resp: 68064

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.6

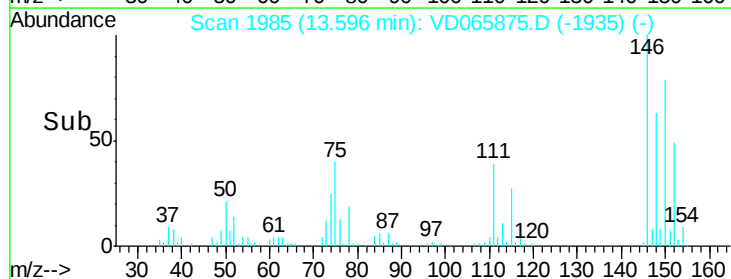
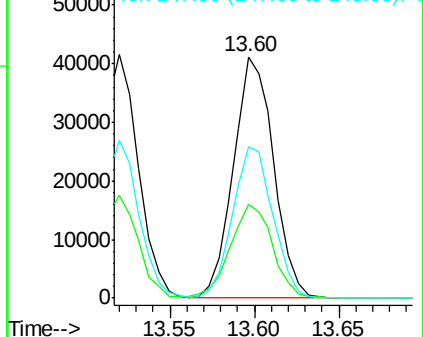
148 63.0 32.5 97.4

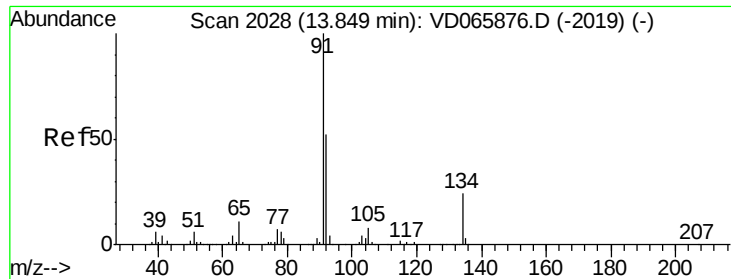


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

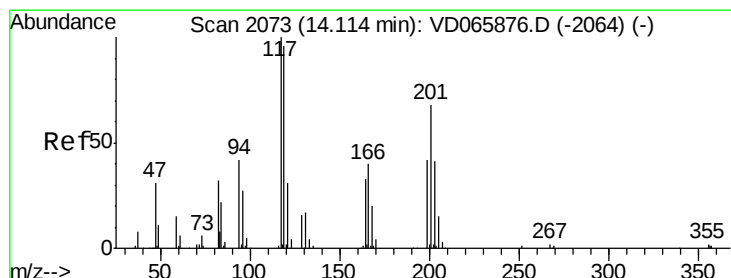
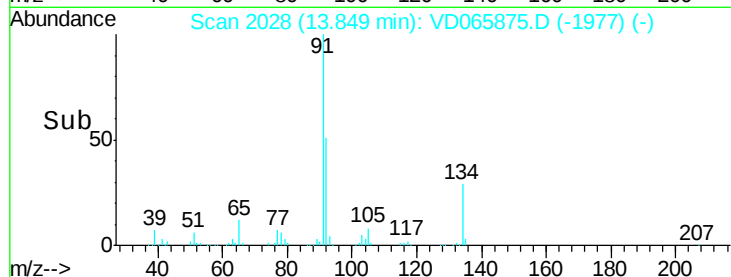
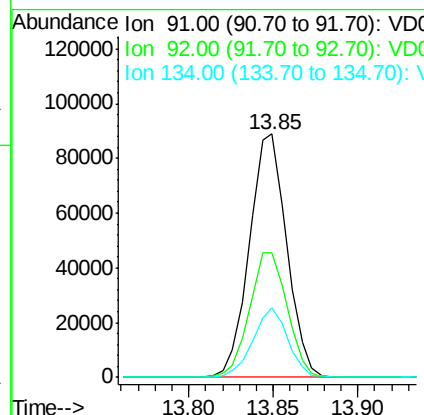
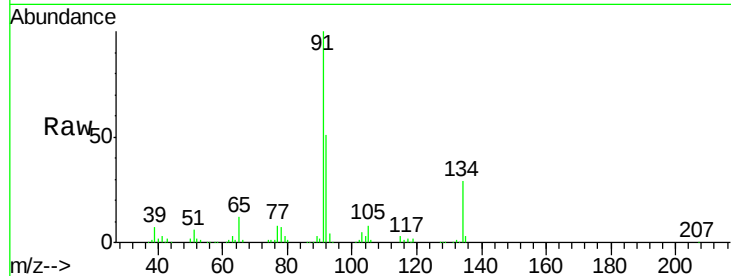




#89
n-Butylbenzene
Concen: 20.226 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

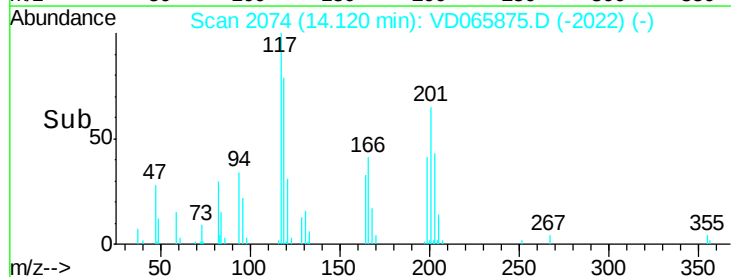
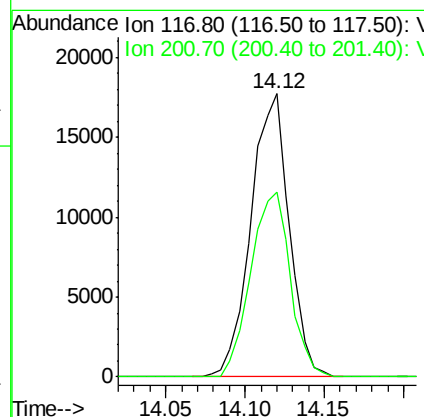
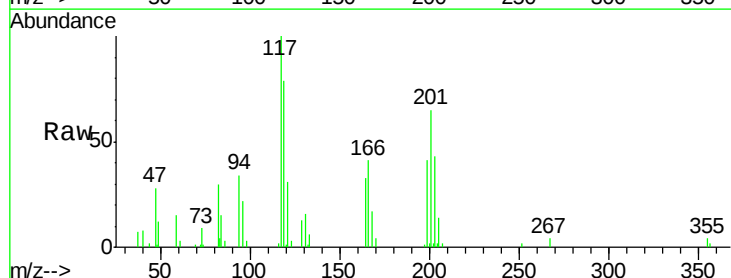
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

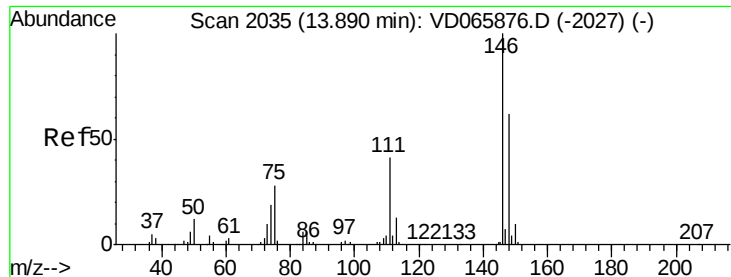
Tgt Ion: 91 Resp: 136509
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.4
134 26.9 12.4 37.2



#90
Hexachloroethane
Concen: 21.216 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion: 117 Resp: 29778
Ion Ratio Lower Upper
117 100
201 67.3 35.1 105.5

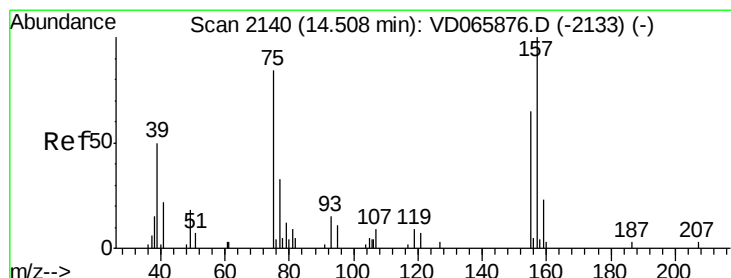
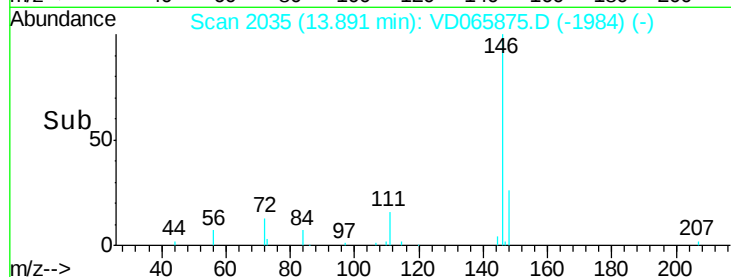
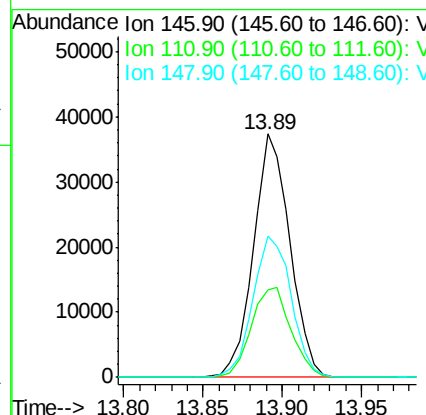
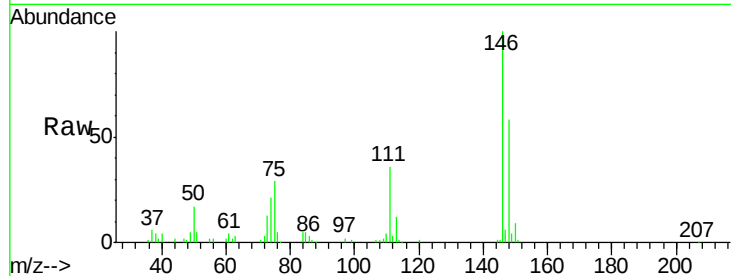




#91
 1,2-Dichlorobenzene
 Concen: 20.554 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

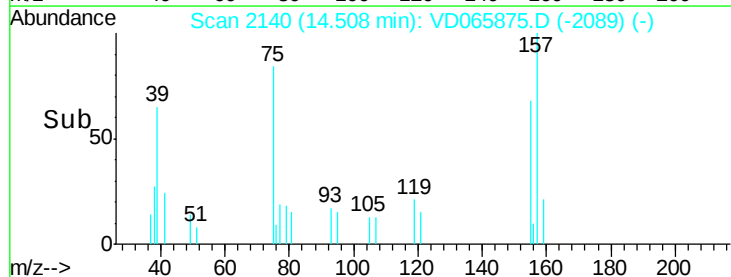
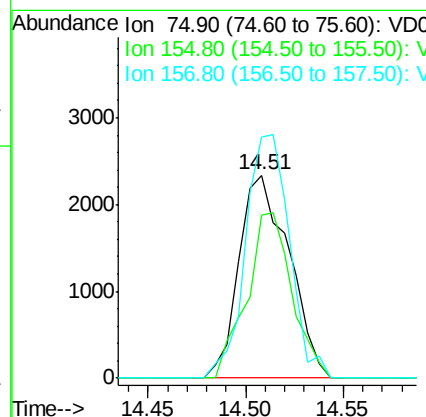
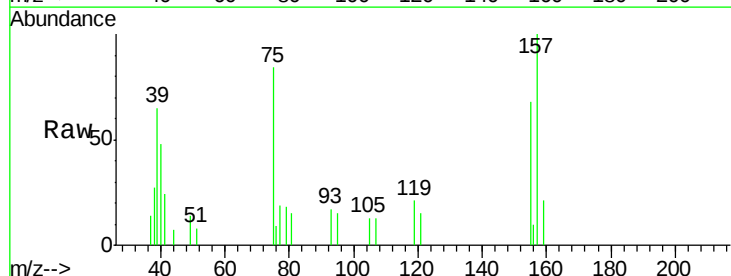
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

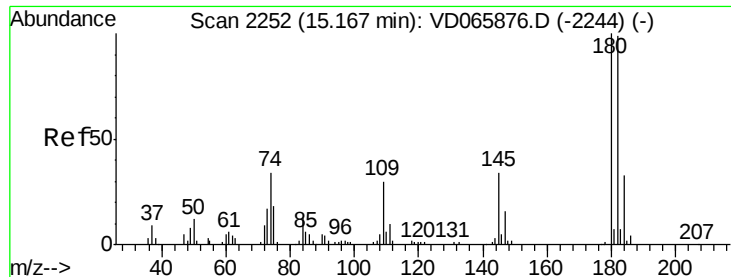
Tgt Ion:146 Resp: 59665
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.4
 148 60.9 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.690 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065875.D
 Acq: 26 Jun 2020 11:38

Tgt Ion: 75 Resp: 4140
 Ion Ratio Lower Upper
 75 100
 155 73.6 37.8 113.3
 157 106.0 50.6 151.8

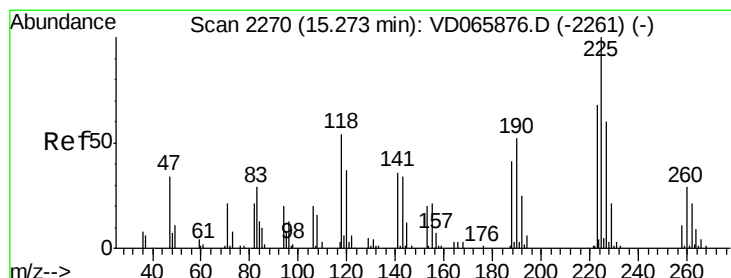
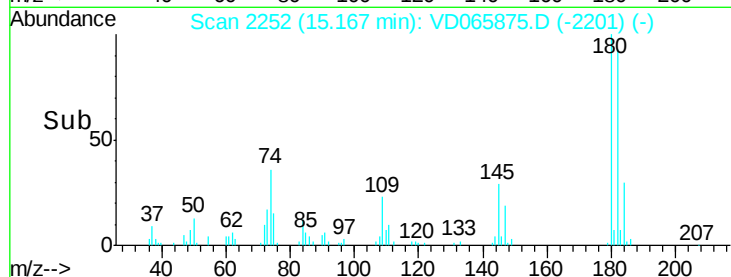
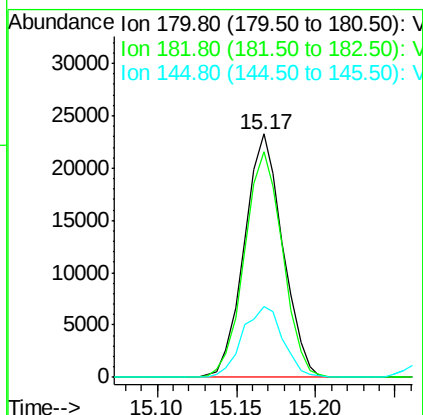
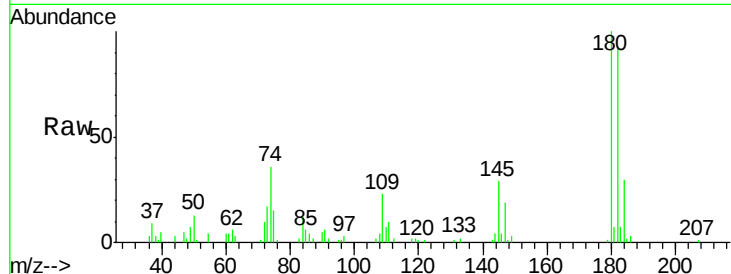




#93
1,2,4-Trichlorobenzene
Concen: 20.952 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

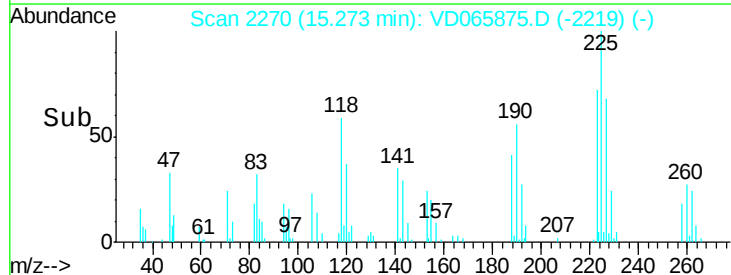
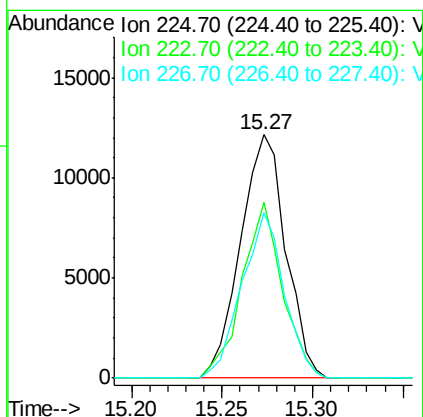
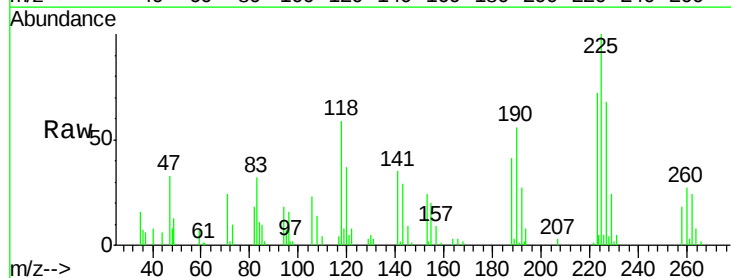
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

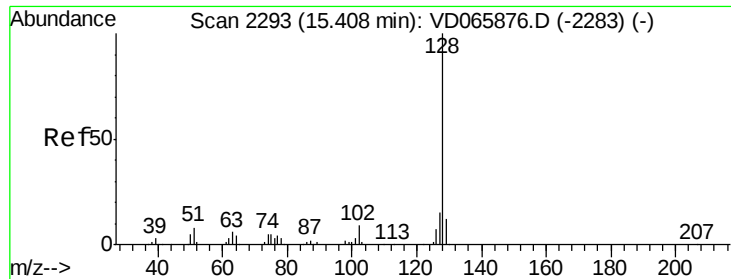
Tgt Ion:180 Resp: 39293
Ion Ratio Lower Upper
180 100
182 91.7 47.7 143.1
145 30.9 16.0 48.0



#94
Hexachlorobutadiene
Concen: 20.474 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion:225 Resp: 21125
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 63.5 30.1 90.3

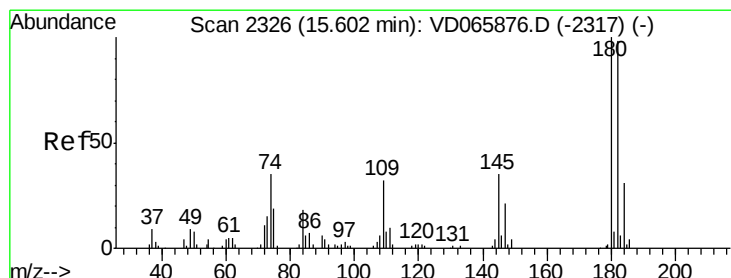
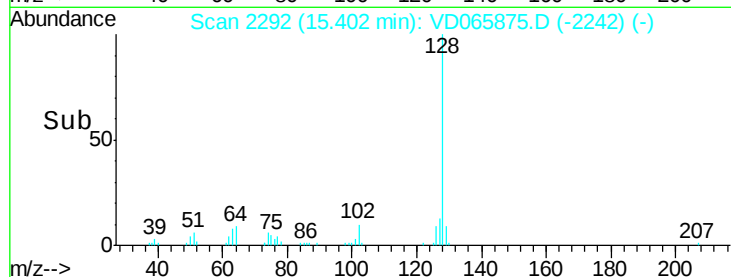
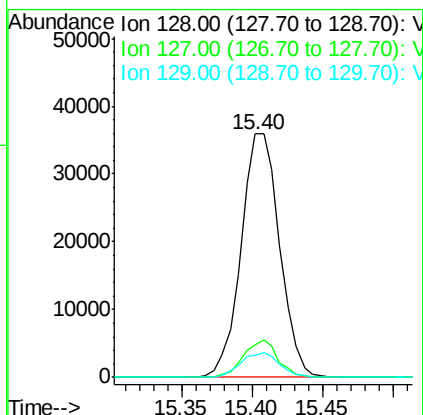
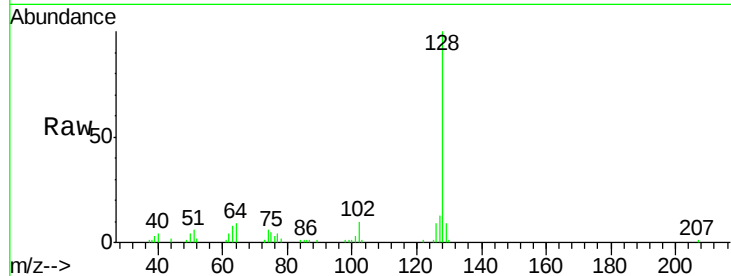




#95
Naphthalene
Concen: 21.065 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 68778
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.730 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD065875.D
Acq: 26 Jun 2020 11:38

Tgt Ion:180 Resp: 32120
Ion Ratio Lower Upper
180 100
182 97.0 48.9 146.6
145 35.1 16.6 49.7

