

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065824.D
 Acq On : 19 Jun 2020 13:07
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	177441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	286443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	259056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98635	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
35) Dibromofluoromethane	7.91	113	97111	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.34	98	371324	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.64	95	125664	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30560	23.517	ug/l	96
3) Chloromethane	2.21	50	54932	24.738	ug/l	98
4) Vinyl Chloride	2.35	62	65742	25.112	ug/l	99
5) Bromomethane	2.76	94	46008	25.130	ug/l	99
6) Chloroethane	2.92	64	43910	24.806	ug/l	98
7) Trichlorofluoromethane	3.27	101	67964	22.914	ug/l	100
8) Diethyl Ether	3.71	74	16435	21.076	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	38487	21.761	ug/l	98
10) Methyl Iodide	4.30	142	35644	20.696	ug/l	98
11) Tert butyl alcohol	5.22	59	12053	101.506	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	36416	22.591	ug/l	92
13) Acrolein	3.93	56	8473	86.035	ug/l	97
14) Allyl chloride	4.71	41	58463	21.944	ug/l	99
15) Acrylonitrile	5.43	53	36960	104.354	ug/l	99
16) Acetone	4.16	43	34634	104.717	ug/l	93
17) Carbon Disulfide	4.41	76	118852	21.968	ug/l	96
18) Methyl Acetate	4.71	43	17635	21.574	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	77899	21.335	ug/l	98
20) Methylene Chloride	4.96	84	60680	33.037	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	40724	21.572	ug/l	96
22) Diisopropyl ether	6.36	45	118386	21.992	ug/l	96
23) Vinyl Acetate	6.31	43	325311	107.017	ug/l	96
24) 1,1-Dichloroethane	6.26	63	72118	21.987	ug/l	99
25) 2-Butanone	7.21	43	49116	107.529	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	63738	21.916	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	44779	22.051	ug/l	98
28) Bromochloromethane	7.55	49	27782	21.931	ug/l	96
29) Tetrahydrofuran	7.56	42	29882	103.510	ug/l	95
30) Chloroform	7.71	83	72595	21.353	ug/l	98
31) Cyclohexane	7.98	56	68411	21.756	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	68528	21.921	ug/l	98
36) 1,1-Dichloropropene	8.11	75	60169	21.928	ug/l	98
37) Ethyl Acetate	7.30	43	23695	21.924	ug/l	98
38) Carbon Tetrachloride	8.10	117	61662	21.353	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	67269	20.706	ug/l	97
40) Benzene	8.35	78	161671	21.552	ug/l	97
41) Methacrylonitrile	7.53	41	10534	16.368	ug/l #	72
42) 1,2-Dichloroethane	8.43	62	47227	20.866	ug/l	100
43) Isopropyl Acetate	8.46	43	43468	20.225	ug/l	97
44) Trichloroethene	9.11	130	44026	21.090	ug/l	92
45) 1,2-Dichloropropane	9.39	63	39723	21.075	ug/l	97
46) Dibromomethane	9.47	93	21058	20.600	ug/l	98
47) Bromodichloromethane	9.66	83	58830	21.476	ug/l	99
48) Methyl methacrylate	9.46	41	21884	21.036	ug/l	98
49) 1,4-Dioxane	9.46	88	3951	363.125	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	104953	99.659	ug/l	98
52) Toluene	10.40	92	103508	21.236	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	50881	20.512	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	62080	21.191	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	27997	20.497	ug/l	93
56) Ethyl methacrylate	10.66	69	32980	20.528	ug/l	98
57) 1,3-Dichloropropane	10.95	76	48986	20.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	78454	105.037	ug/l	99
59) 2-Hexanone	10.98	43	73081	102.930	ug/l	99
60) Dibromochloromethane	11.14	129	37545	20.348	ug/l	98
61) 1,2-Dibromoethane	11.26	107	26791	19.959	ug/l	98
64) Tetrachloroethene	10.88	164	38014	21.701	ug/l	95
65) Chlorobenzene	11.67	112	108515	21.457	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	40410	21.436	ug/l	99
67) Ethyl Benzene	11.75	91	194099	21.484	ug/l	96
68) m/p-Xylenes	11.86	106	150270	43.181	ug/l	98
69) o-Xylene	12.18	106	65953	21.020	ug/l	94
70) Styrene	12.20	104	118585	21.832	ug/l	99
71) Bromoform	12.36	173	21274	20.493	ug/l #	98
73) Isopropylbenzene	12.48	105	188457	21.129	ug/l	99
74) N-amyl acetate	12.29	43	38797	19.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	31307	20.784	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	40577	39.220	ug/l #	100
77) Bromobenzene	12.76	156	44596	21.133	ug/l	98
78) n-propylbenzene	12.83	91	230885	21.505	ug/l	99
79) 2-Chlorotoluene	12.91	91	124705	21.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	160728	21.655	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9829	20.527	ug/l	98
82) 4-Chlorotoluene	13.01	91	134844	21.330	ug/l	100
83) tert-Butylbenzene	13.23	119	135838	21.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	156927	21.123	ug/l	100
85) sec-Butylbenzene	13.41	105	196189	21.890	ug/l	99
86) p-Isopropyltoluene	13.52	119	175718	21.390	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	86204	20.717	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	87845	21.223	ug/l	98
89) n-Butylbenzene	13.85	91	170528	21.766	ug/l	98
90) Hexachloroethane	14.12	117	33881	20.605	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	75533	21.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4990	19.905	ug/l	93

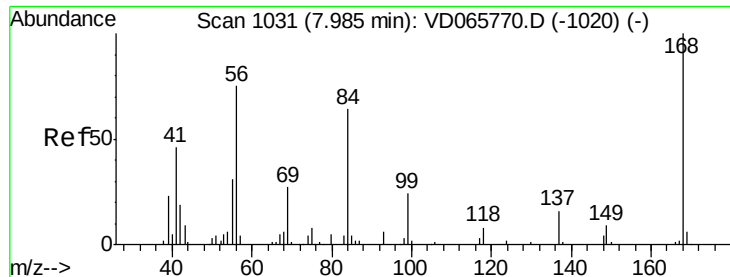
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065824.D
Acq On : 19 Jun 2020 13:07
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Sample : VD0619SBSD01
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MSVOA_D
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Quant Time: Jun 20 01:23:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	46623	19.149	ug/l	99
94) Hexachlorobutadiene	15.27	225	28443	19.324	ug/l	97
95) Naphthalene	15.41	128	76114	18.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	39815	18.987	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

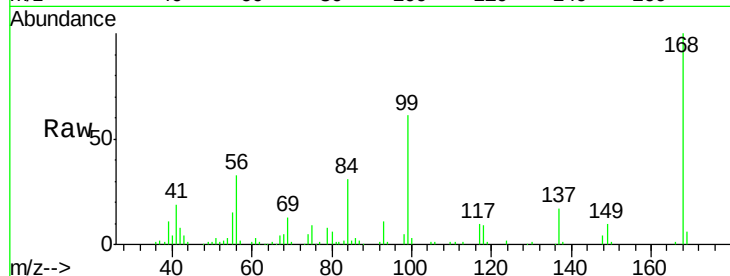
VD0619SBS01

Tgt Ion:168 Resp: 177441

Ion Ratio Lower Upper

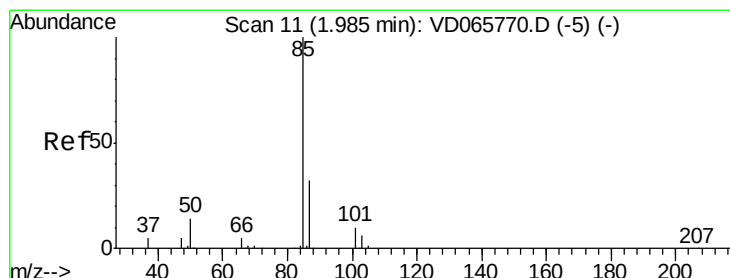
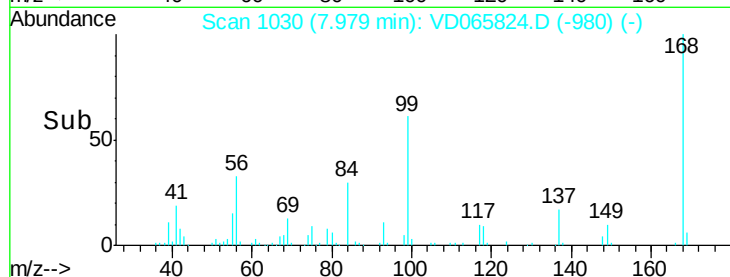
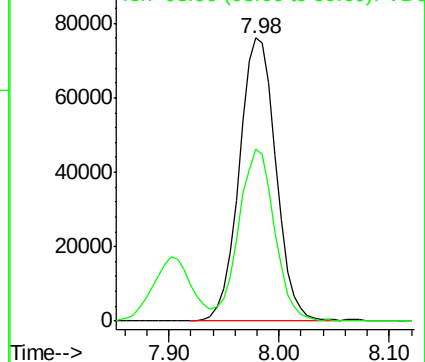
168 100

99 60.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.517 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065824.D

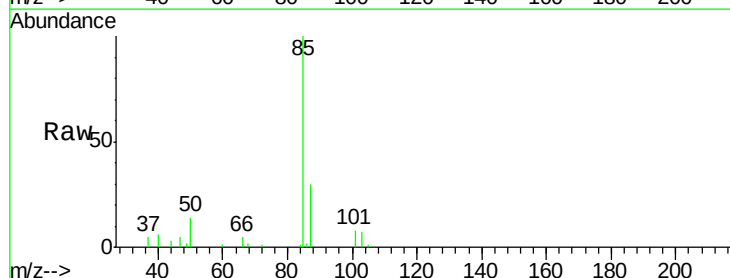
Acq: 19 Jun 2020 13:07

Tgt Ion: 85 Resp: 30560

Ion Ratio Lower Upper

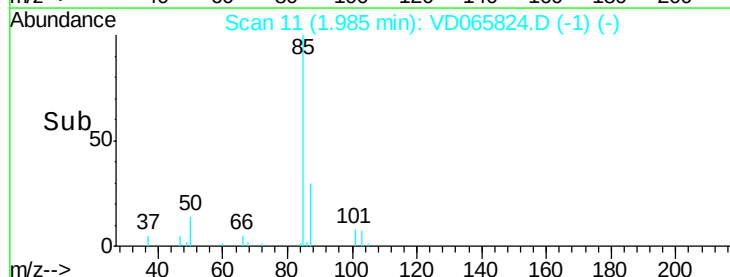
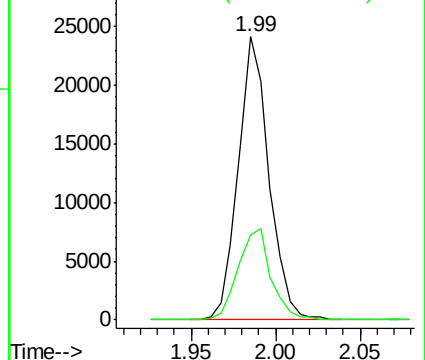
85 100

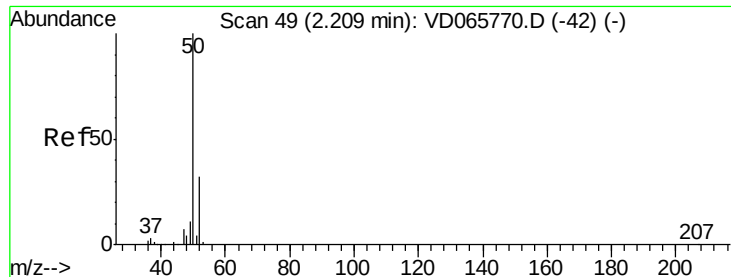
87 29.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 24.738 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

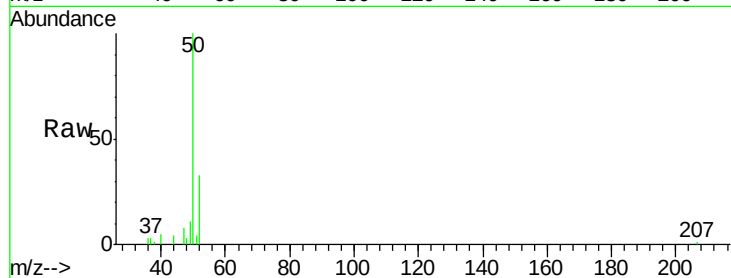
VD0619SBSD01

Tgt Ion: 50 Resp: 54932

Ion Ratio Lower Upper

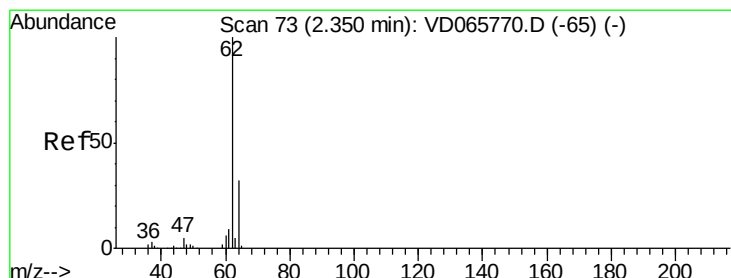
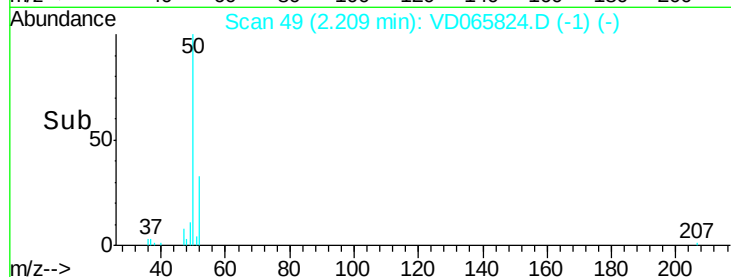
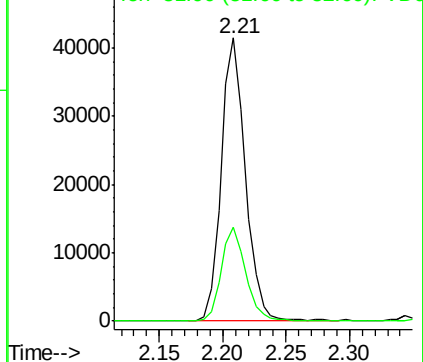
50 100

52 33.2 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 25.112 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065824.D

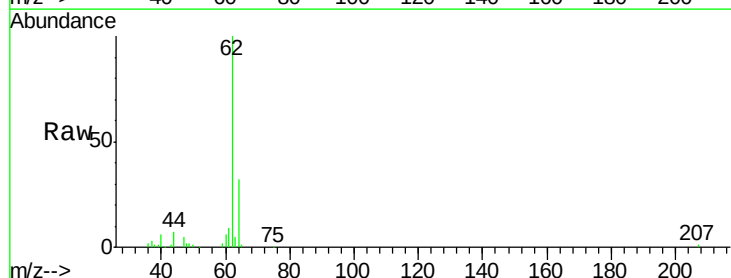
Acq: 19 Jun 2020 13:07

Tgt Ion: 62 Resp: 65742

Ion Ratio Lower Upper

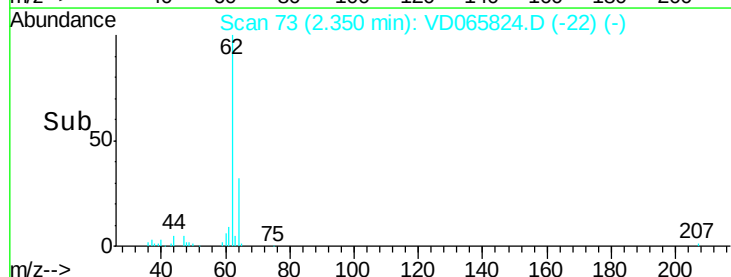
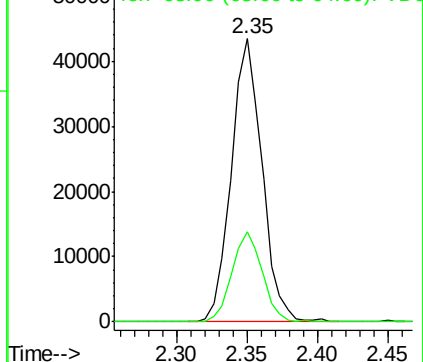
62 100

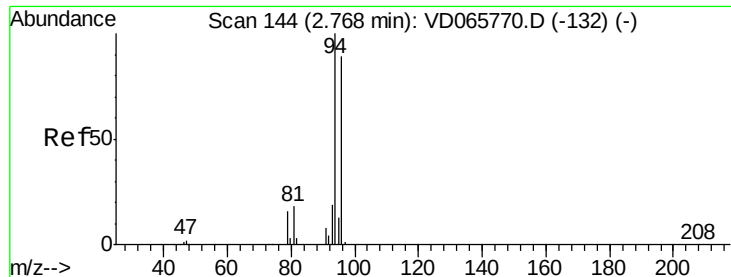
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 25.130 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

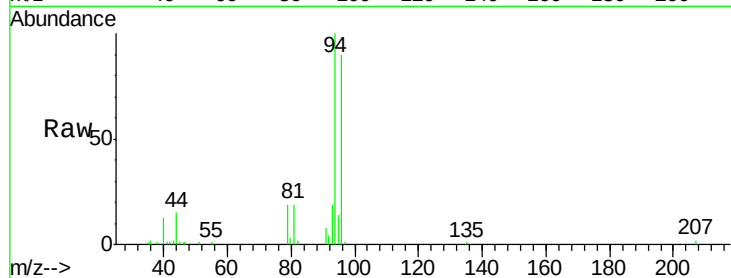
VD0619SBSD01

Tgt Ion: 94 Resp: 46008

Ion Ratio Lower Upper

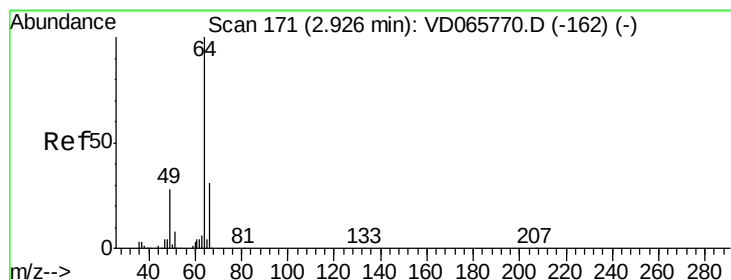
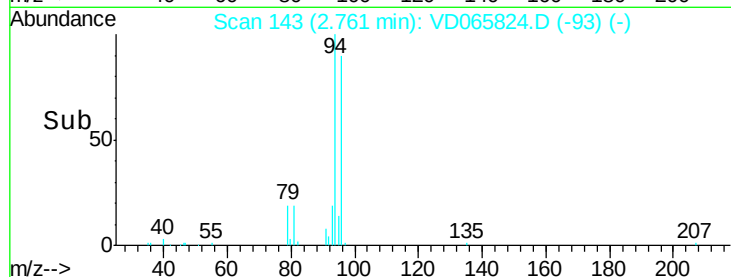
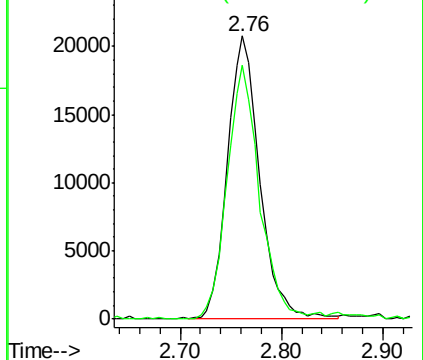
94 100

96 89.8 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 24.806 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065824.D

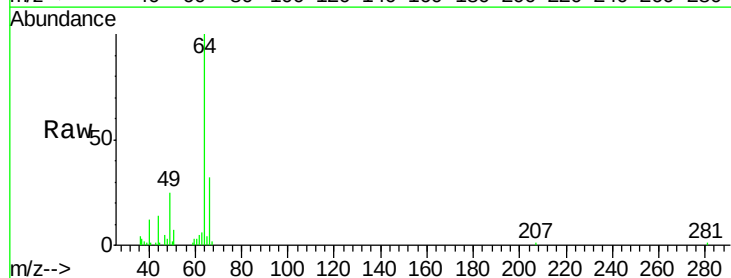
Acq: 19 Jun 2020 13:07

Tgt Ion: 64 Resp: 43910

Ion Ratio Lower Upper

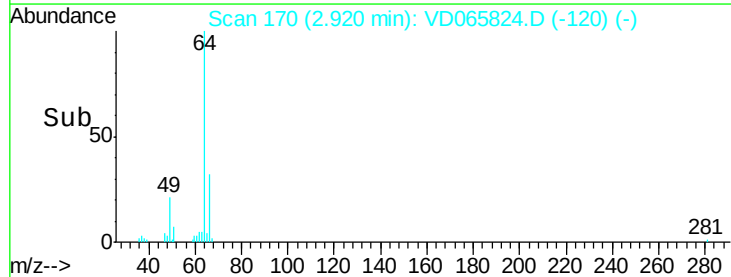
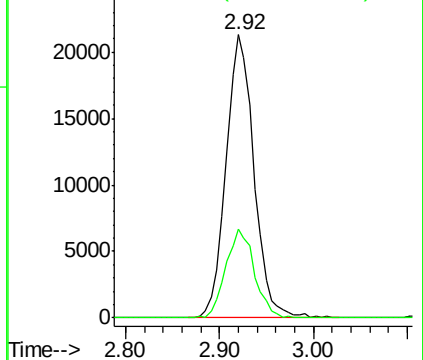
64 100

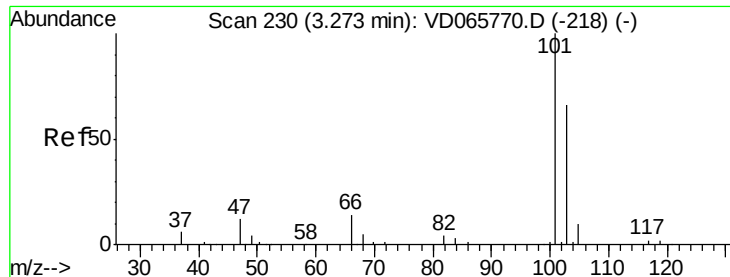
66 31.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



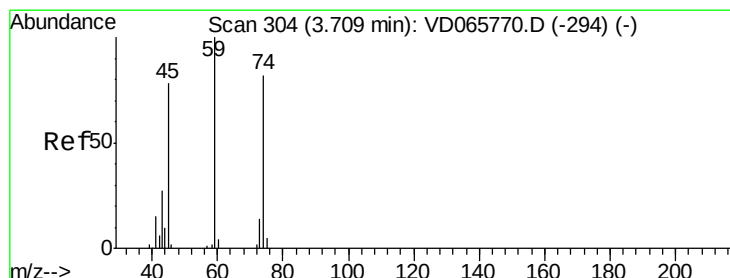
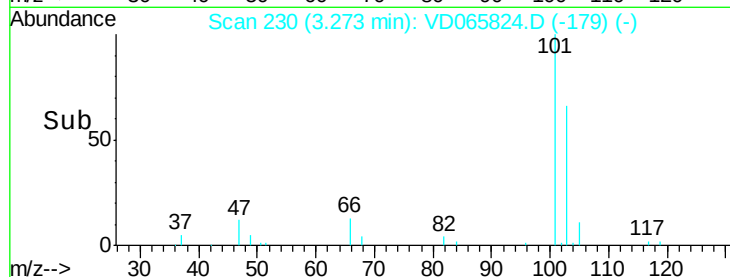
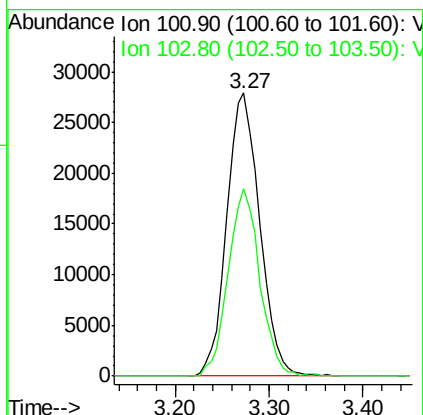
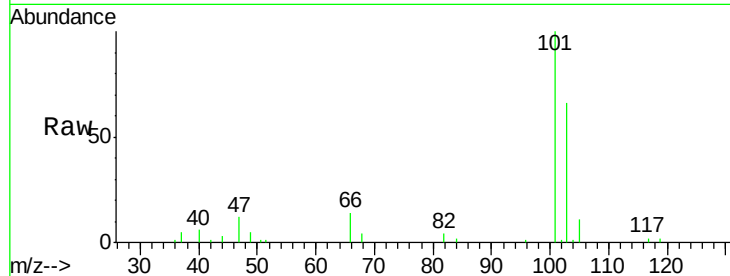


#7

Trichlorofluoromethane
 Concen: 22.914 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

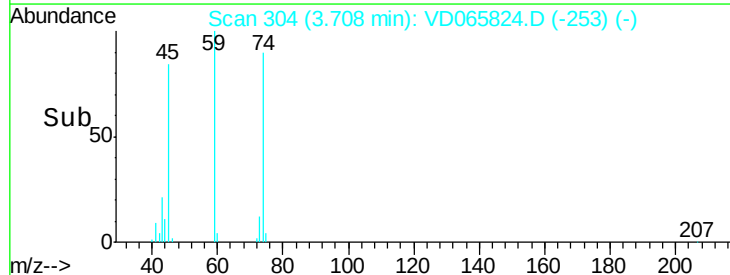
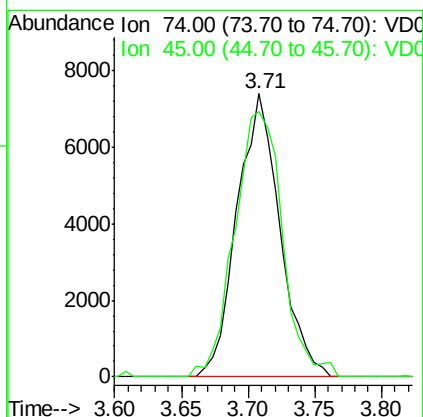
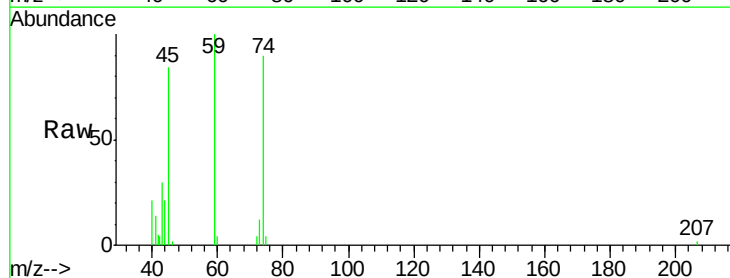
Tgt Ion:101 Resp: 67964
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.1 79.7

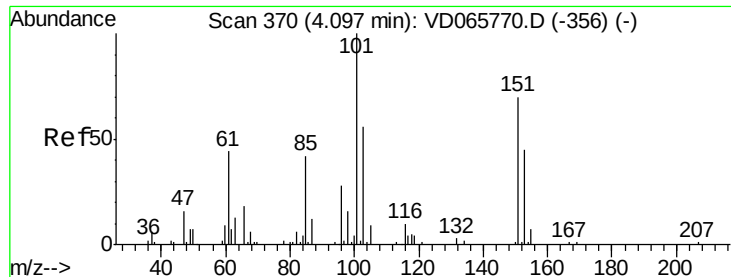


#8

Diethyl Ether
 Concen: 21.076 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 74 Resp: 16435
 Ion Ratio Lower Upper
 74 100
 45 105.0 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.761 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

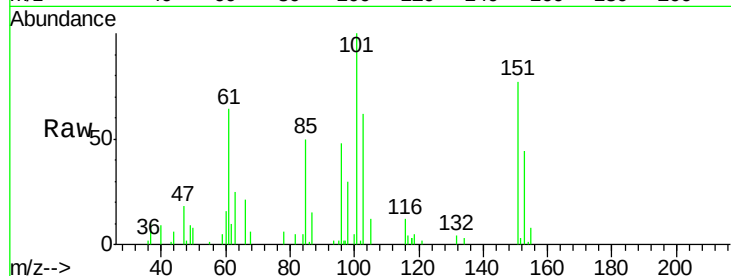
Tgt Ion:101 Resp: 38487

Ion Ratio Lower Upper

101 100

85 47.4 36.5 54.7

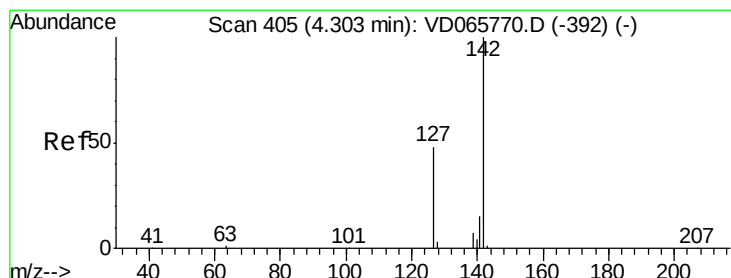
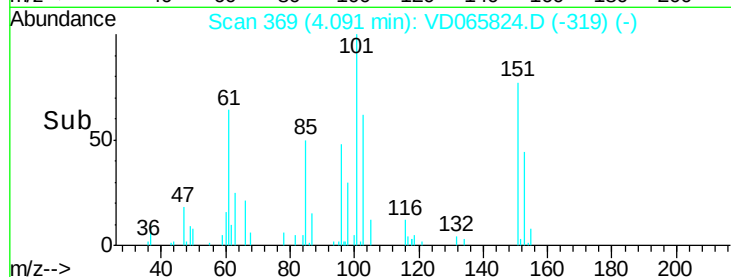
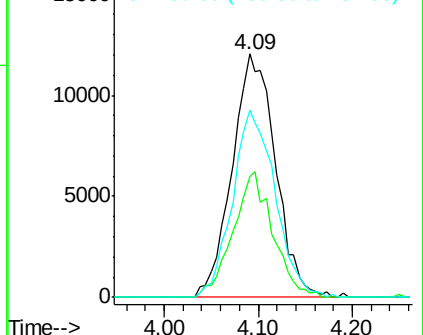
151 76.2 61.8 92.6



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: 20.696 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

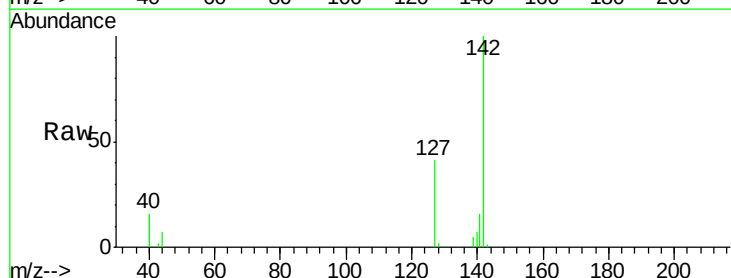
Tgt Ion:142 Resp: 35644

Ion Ratio Lower Upper

142 100

127 45.3 37.6 56.4

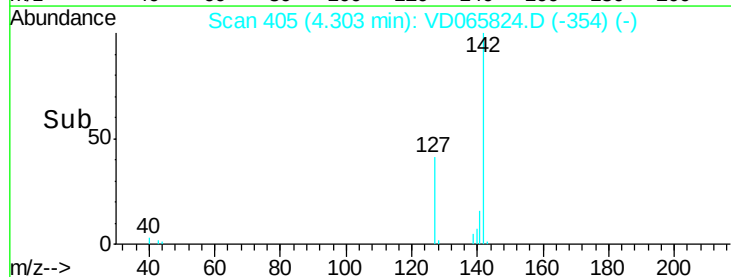
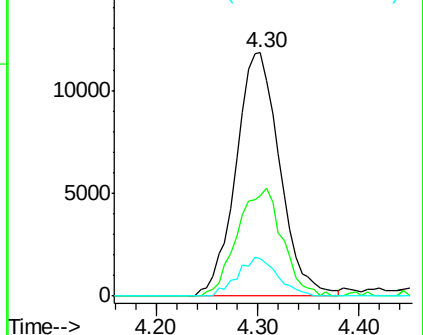
141 14.5 12.1 18.1

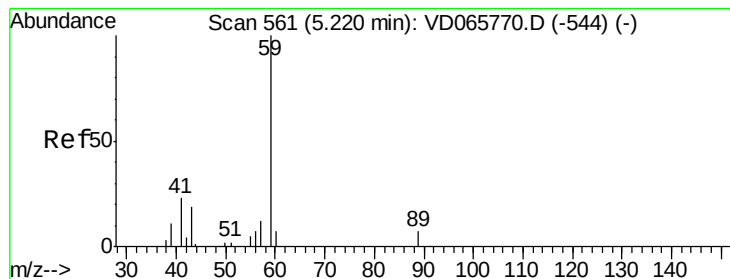


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



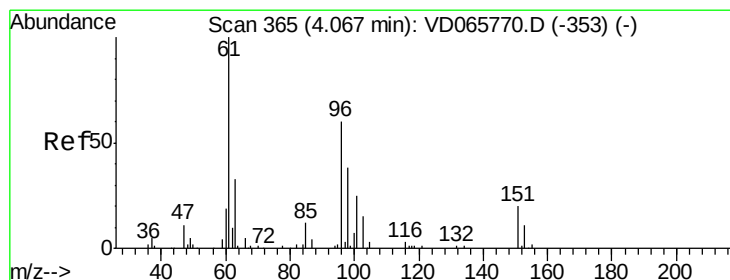
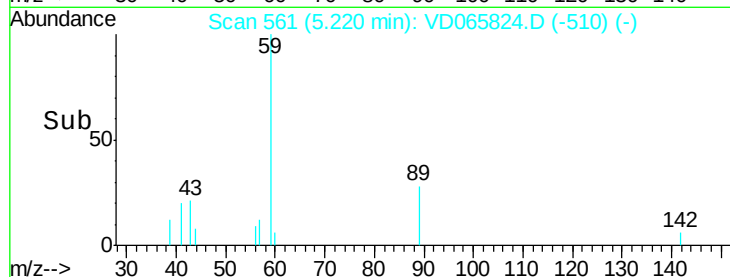
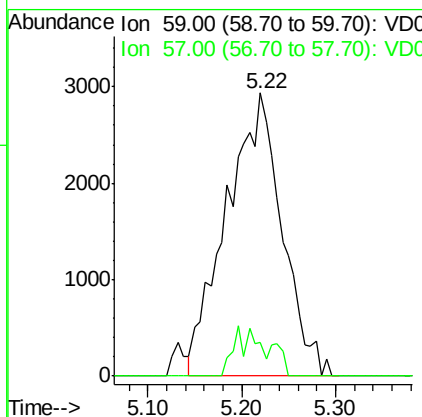
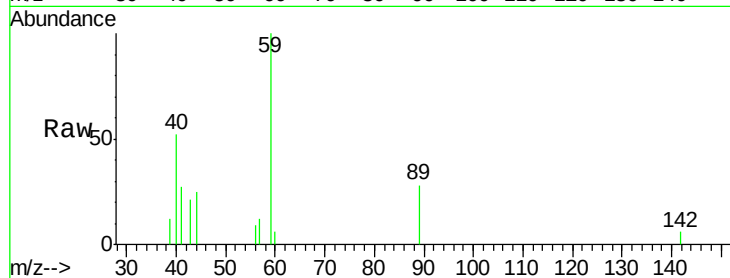


#11

Tert butyl alcohol
 Concen: 101.506 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

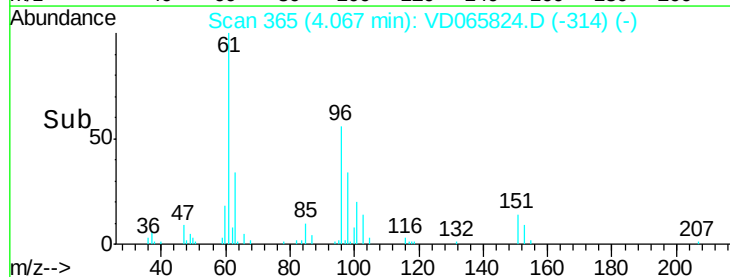
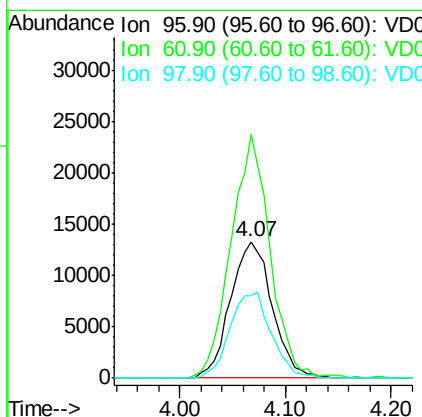
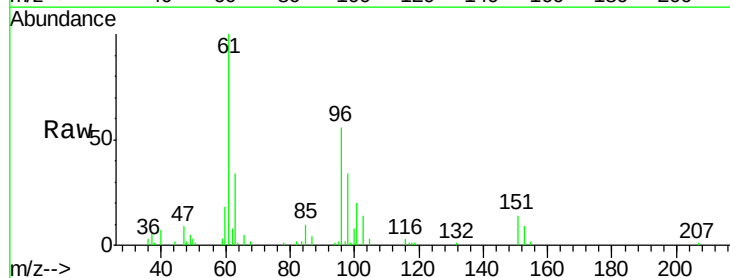
Tgt Ion: 59 Resp: 12053
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.5 11.3#

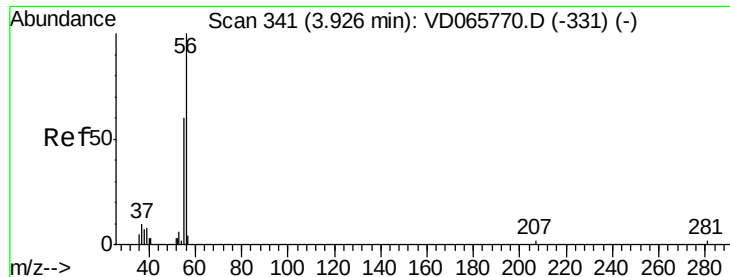


#12

1,1-Dichloroethene
 Concen: 22.591 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 96 Resp: 36416
 Ion Ratio Lower Upper
 96 100
 61 178.6 132.3 198.5
 98 60.5 50.7 76.1





#13

Acrolein

Concen: 86.035 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

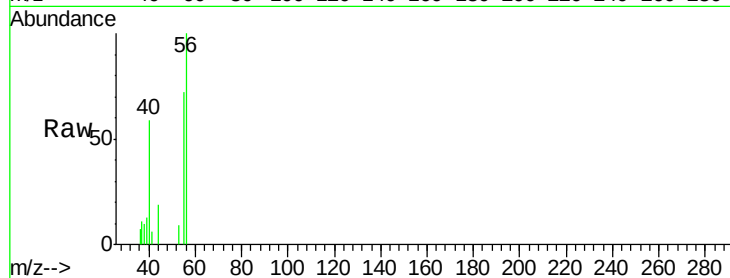
VD0619SBSD01

Tgt Ion: 56 Resp: 8473

Ion Ratio Lower Upper

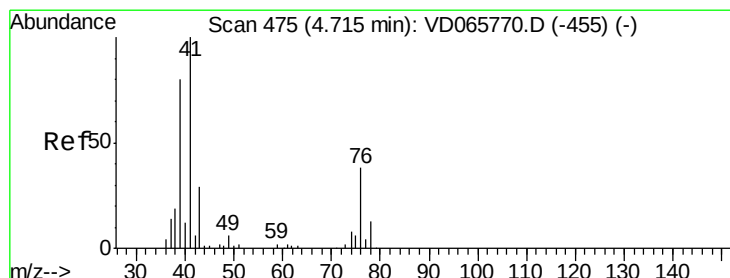
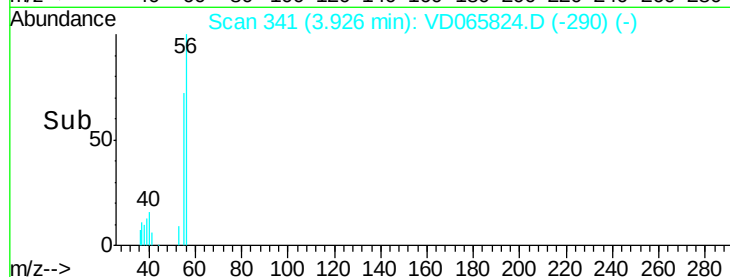
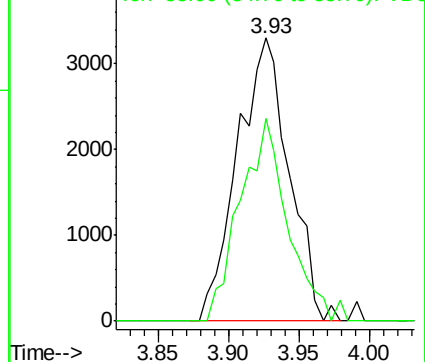
56 100

55 66.0 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.944 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

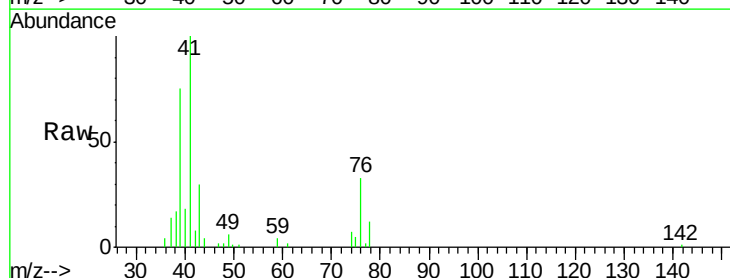
Tgt Ion: 41 Resp: 58463

Ion Ratio Lower Upper

41 100

39 77.4 60.9 91.3

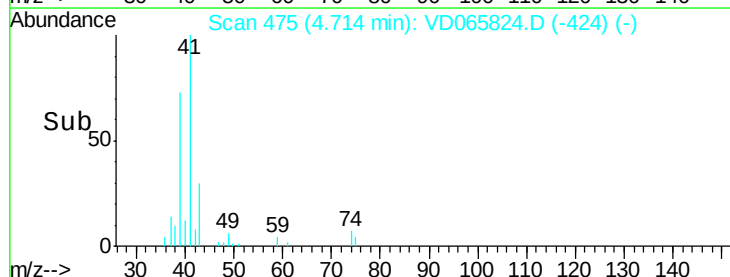
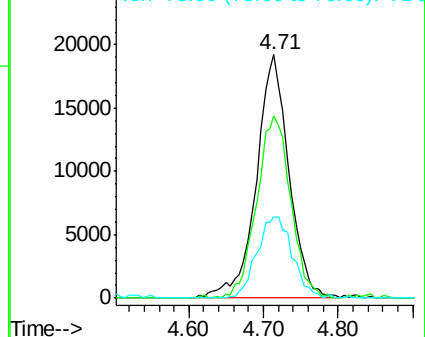
76 36.1 28.9 43.3

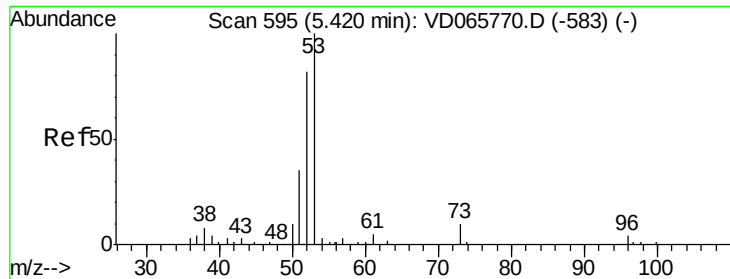


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 104.354 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

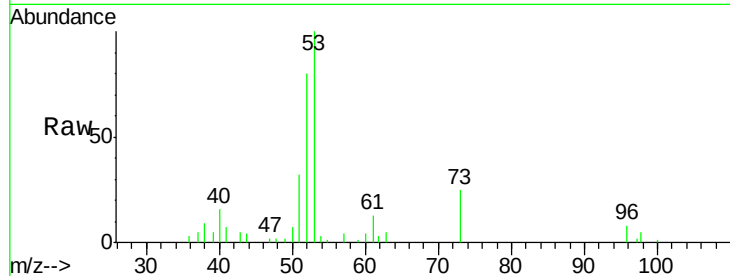
Tgt Ion: 53 Resp: 36960

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

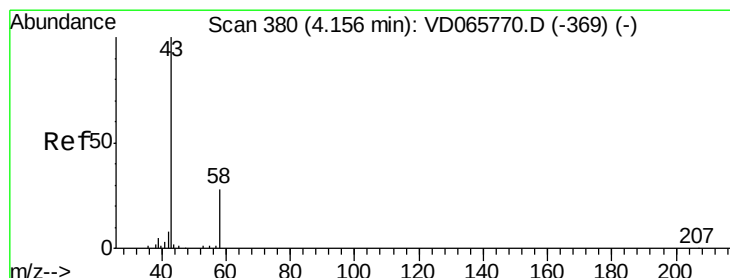
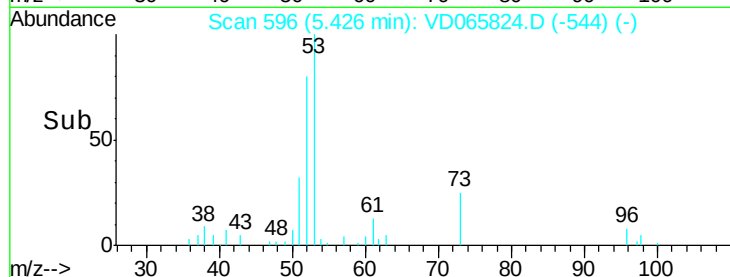
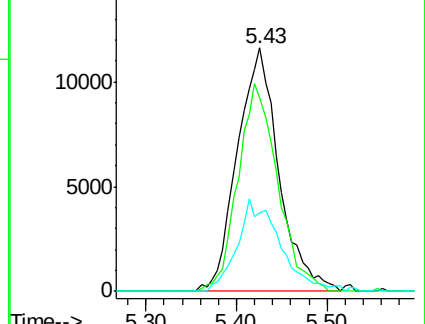
51 39.0 30.7 46.1



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: 104.717 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065824.D

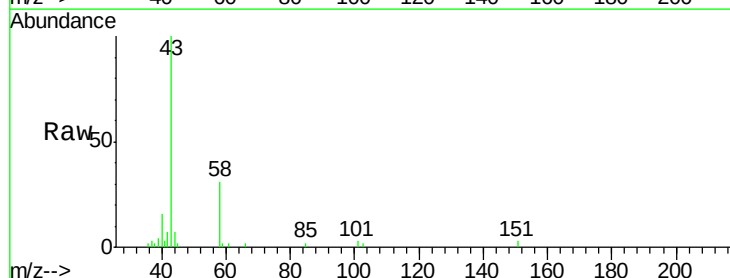
Acq: 19 Jun 2020 13:07

Tgt Ion: 43 Resp: 34634

Ion Ratio Lower Upper

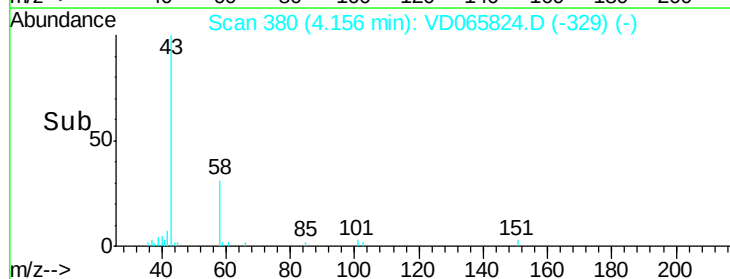
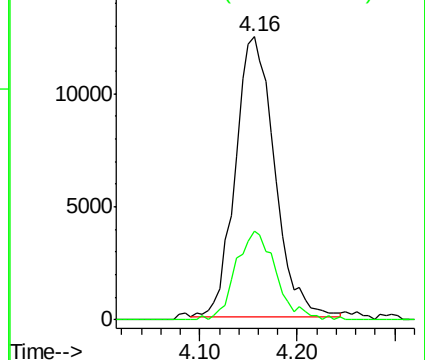
43 100

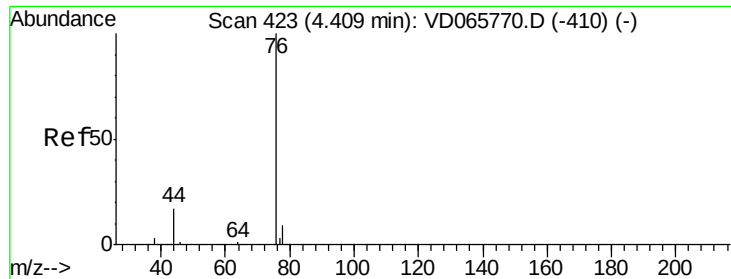
58 31.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

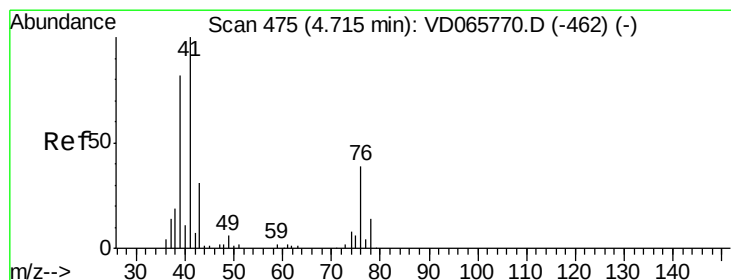
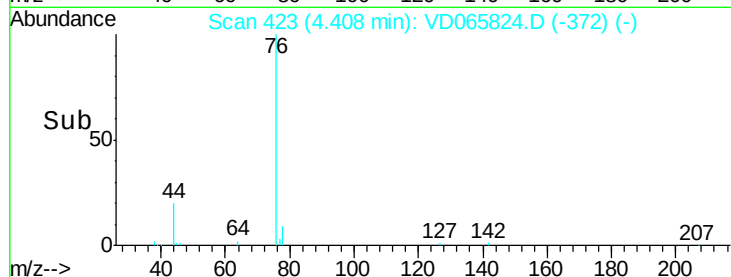
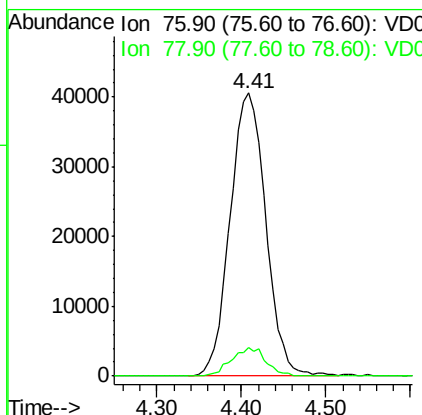
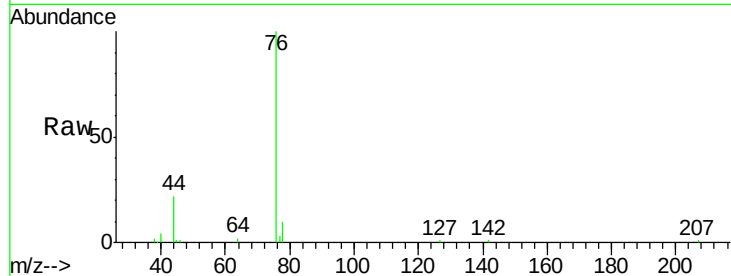




#17
Carbon Disulfide
Concen: 21.968 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

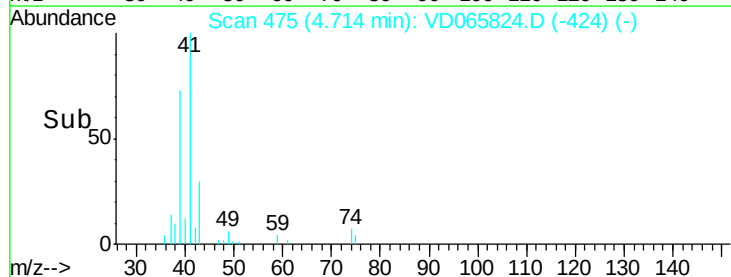
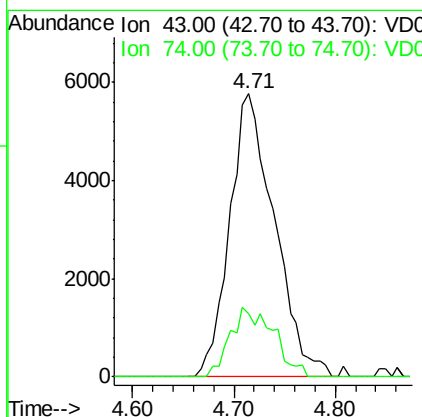
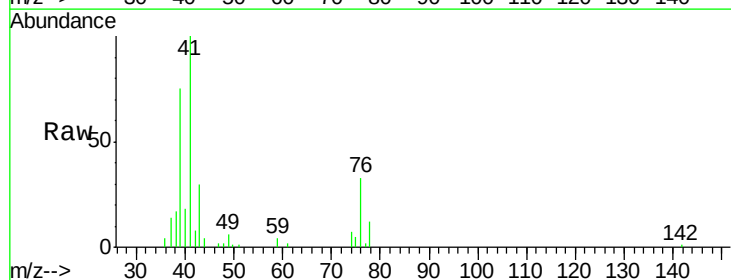
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

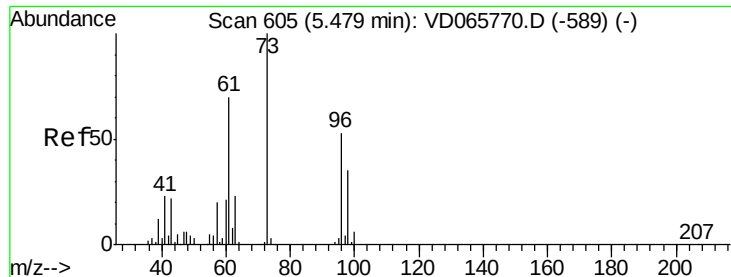
Tgt Ion: 76 Resp: 118852
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7



#18
Methyl Acetate
Concen: 21.574 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 43 Resp: 17635
Ion Ratio Lower Upper
43 100
74 23.9 18.7 28.1

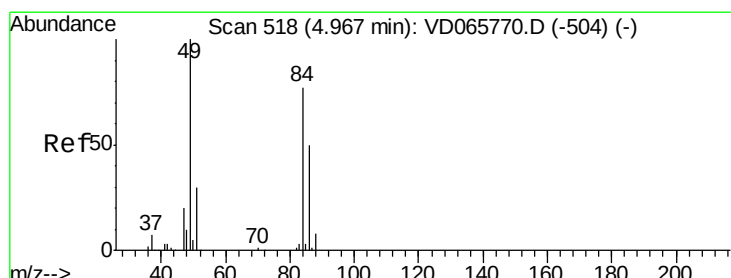
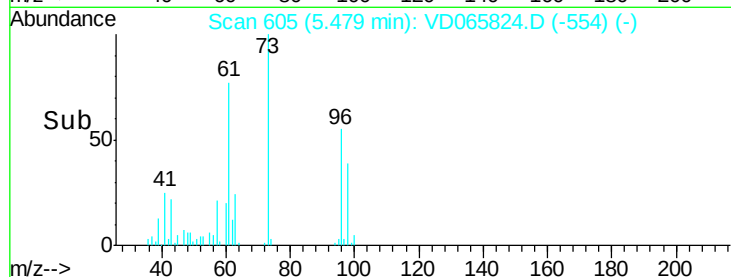
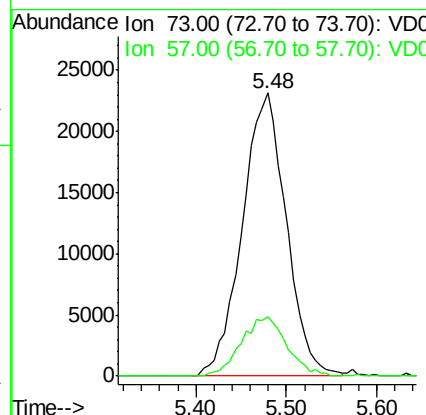
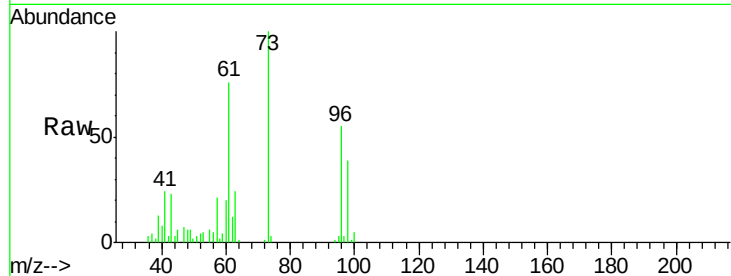




#19
Methyl tert-butyl Ether
Concen: 21.335 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

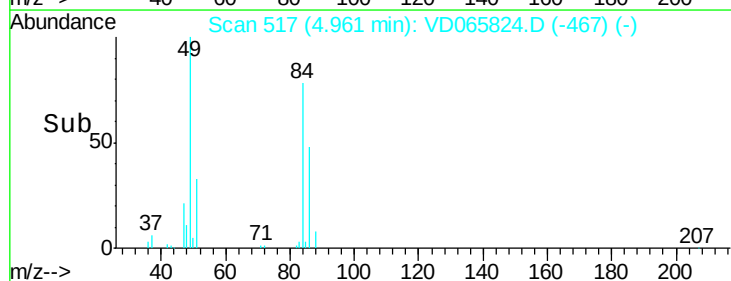
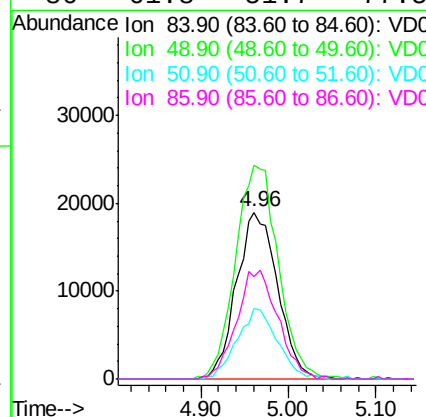
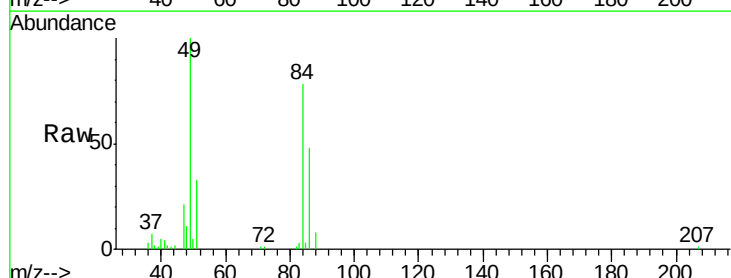
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

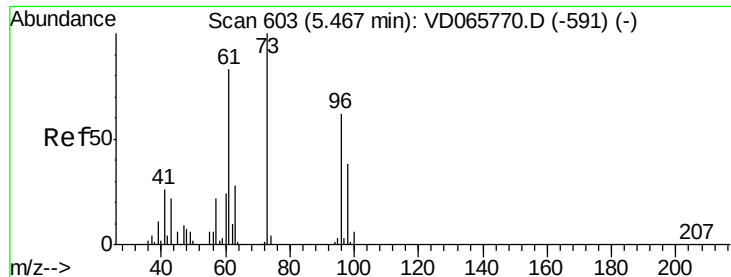
Tgt Ion: 73 Resp: 77899
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.2



#20
Methylene Chloride
Concen: 33.037 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 84 Resp: 60680
Ion Ratio Lower Upper
84 100
49 128.2 103.4 155.0
51 42.6 31.4 47.2
86 61.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.572 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

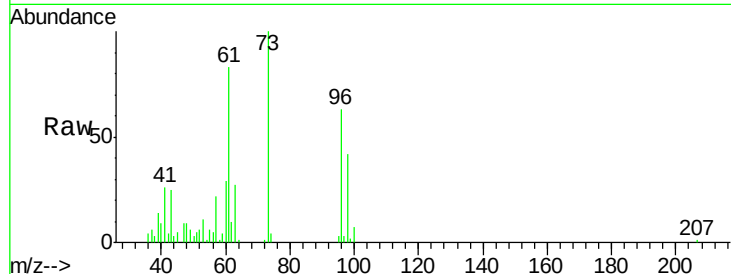
Tgt Ion: 96 Resp: 40724

Ion Ratio Lower Upper

96 100

61 130.3 107.7 161.5

98 66.5 49.3 73.9

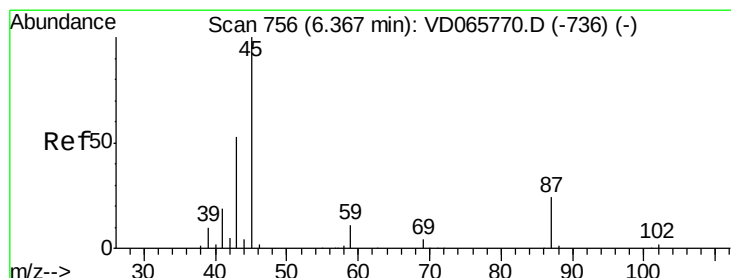
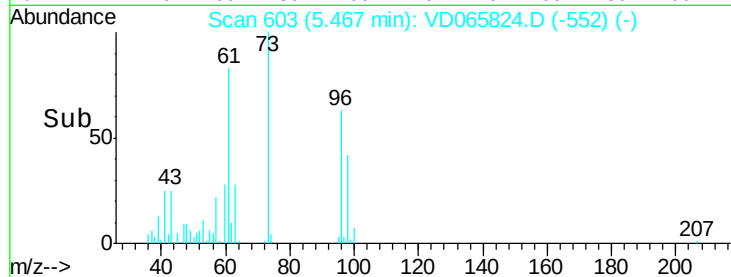
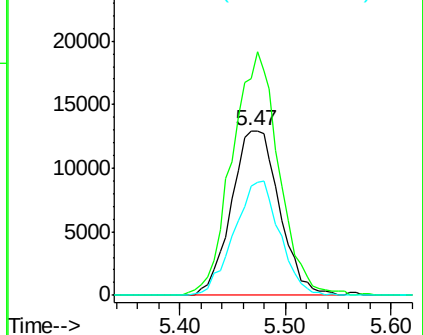


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 21.992 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Tgt Ion: 45 Resp: 118386

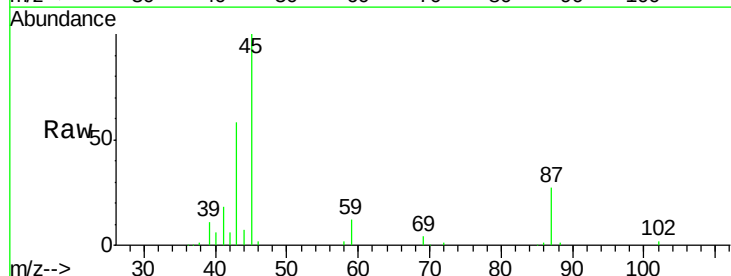
Ion Ratio Lower Upper

45 100

43 57.6 43.4 65.0

87 26.7 20.2 30.4

59 12.0 9.4 14.0



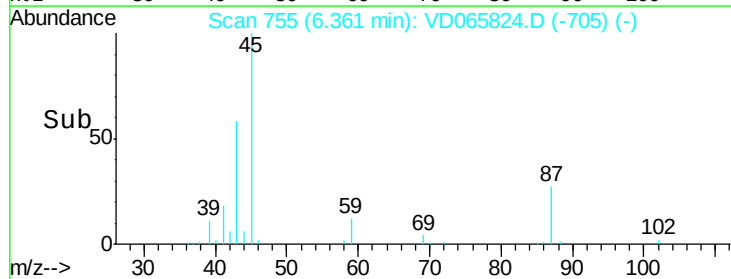
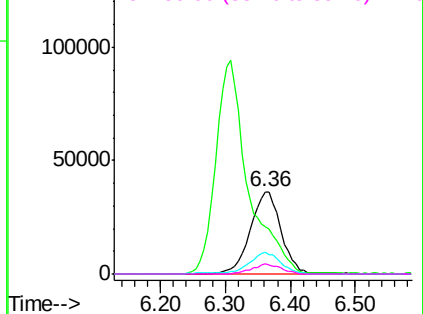
Abundance

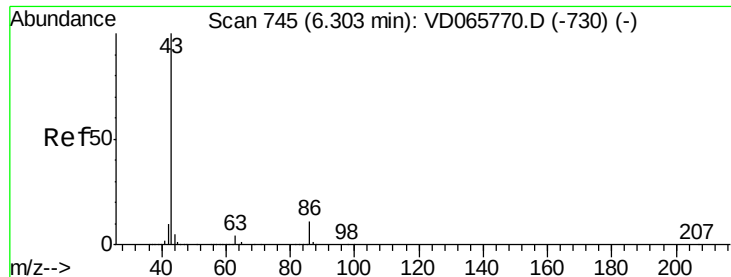
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 107.017 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

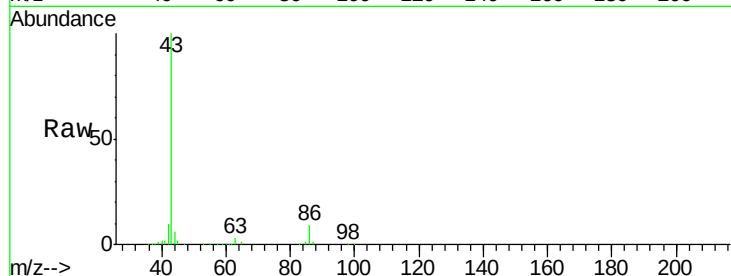
VD0619SBS01

Tgt Ion: 43 Resp: 325311

Ion Ratio Lower Upper

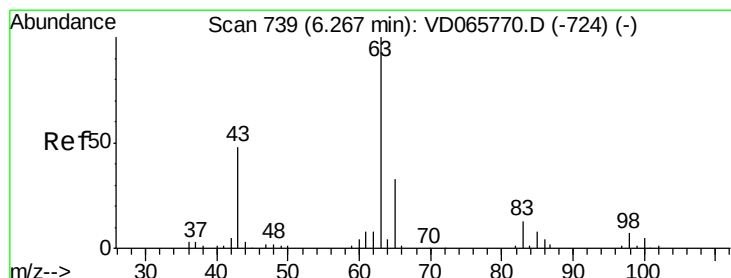
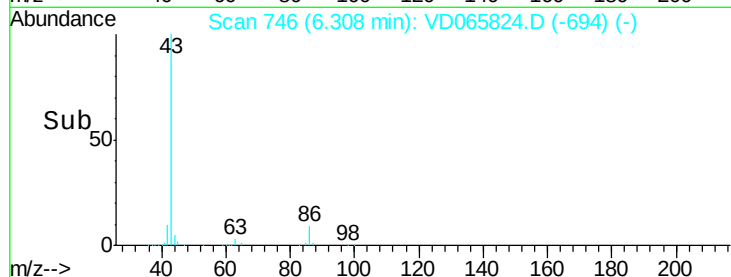
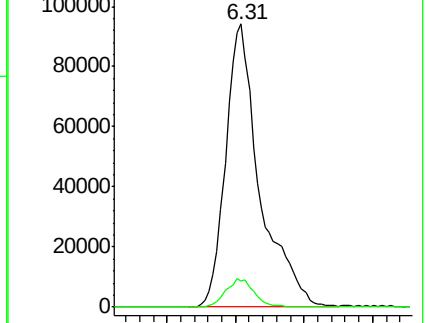
43 100

86 9.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.987 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

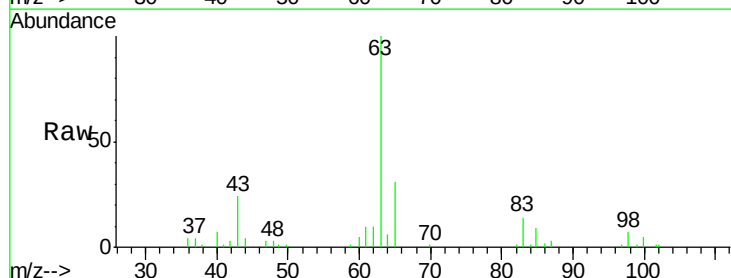
Tgt Ion: 63 Resp: 72118

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

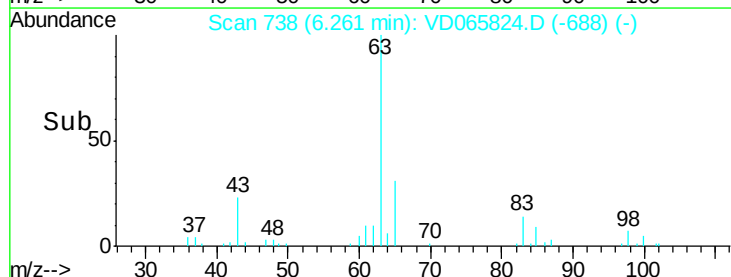
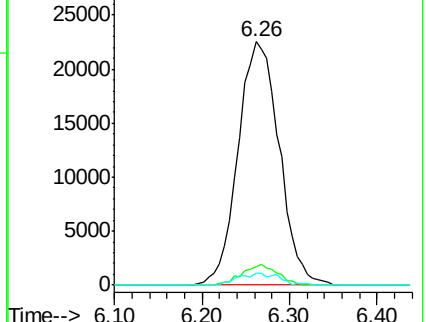
100 4.7 2.3 6.9

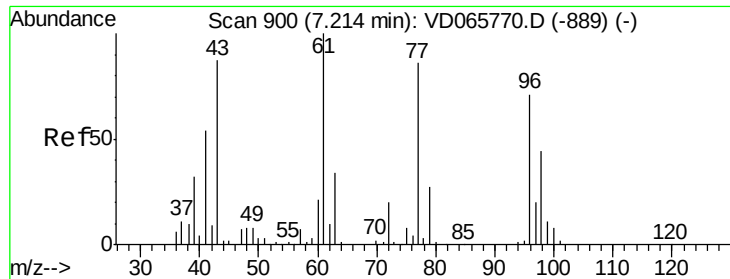


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 107.529 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

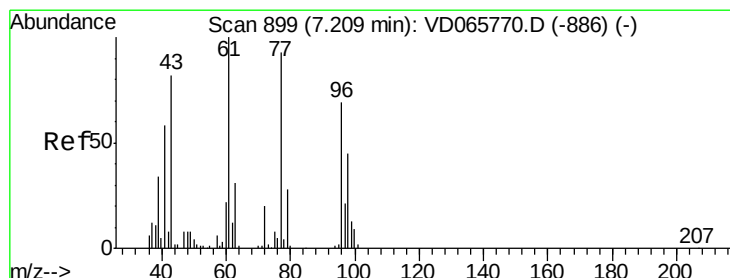
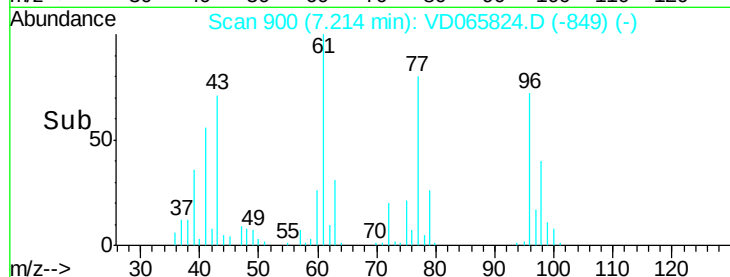
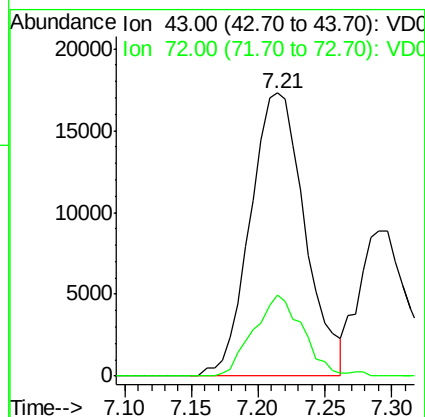
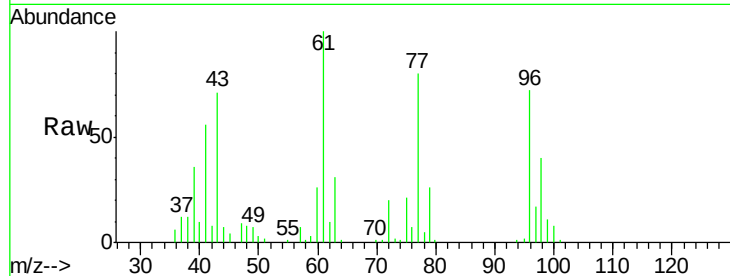
VD0619SBSD01

Tgt Ion: 43 Resp: 49116

Ion Ratio Lower Upper

43 100

72 28.5 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 21.916 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065824.D

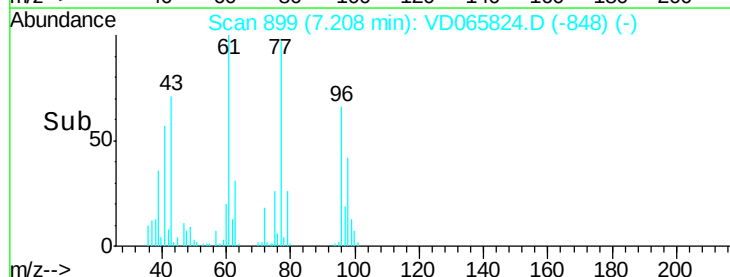
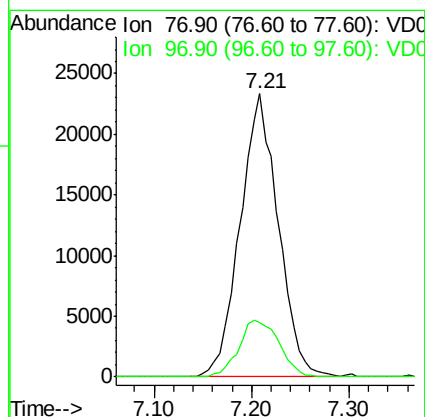
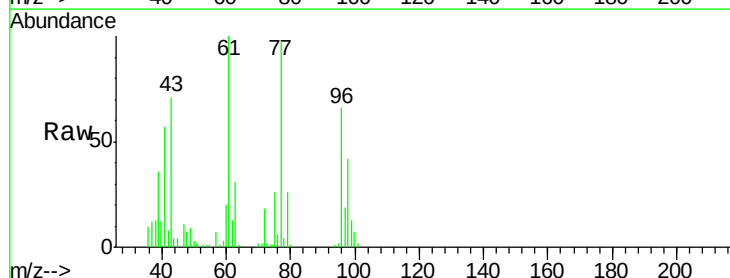
Acq: 19 Jun 2020 13:07

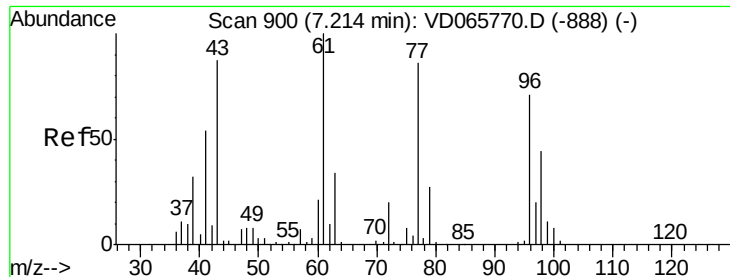
Tgt Ion: 77 Resp: 63738

Ion Ratio Lower Upper

77 100

97 21.1 10.9 32.7



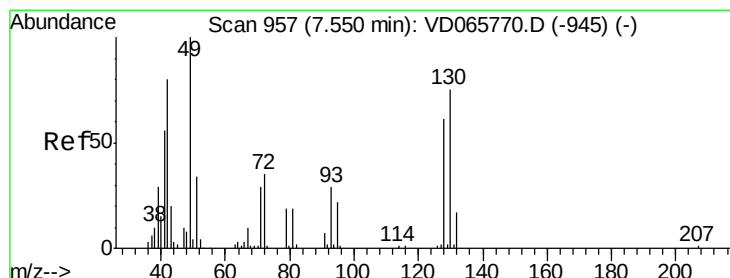
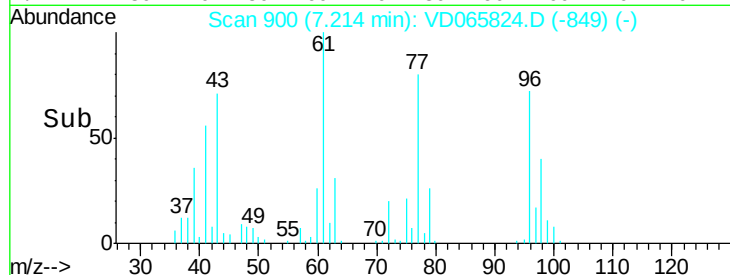
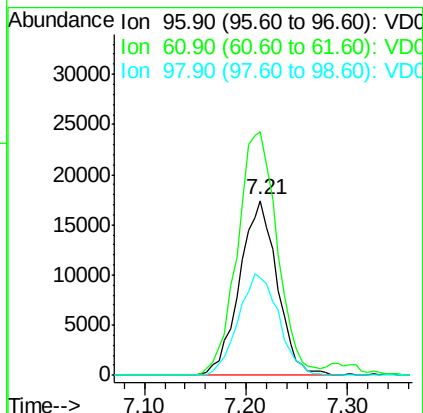
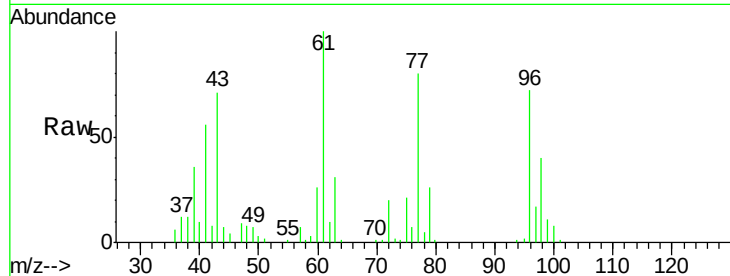


#27

cis-1,2-Dichloroethene
Concen: 22.051 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

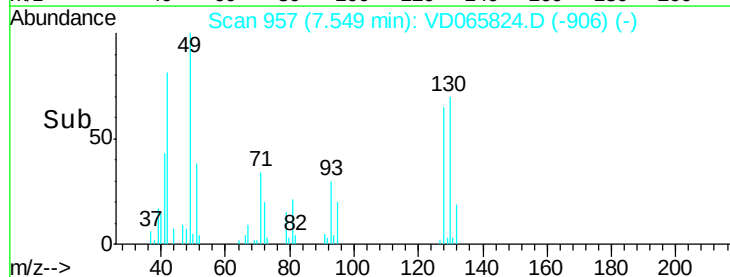
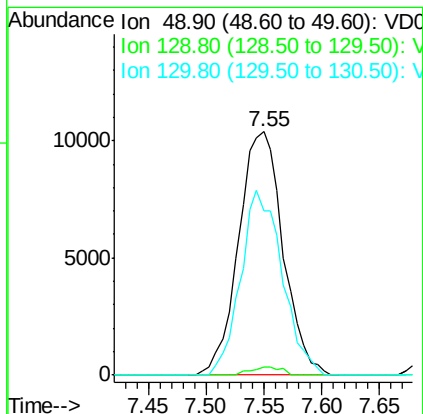
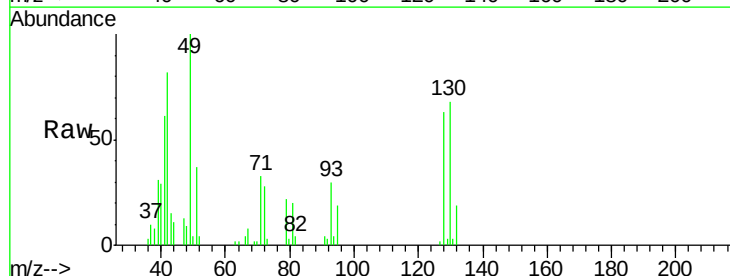
Tgt Ion: 96 Resp: 44779
Ion Ratio Lower Upper
96 100
61 147.7 0.0 291.2
98 62.3 0.0 128.8

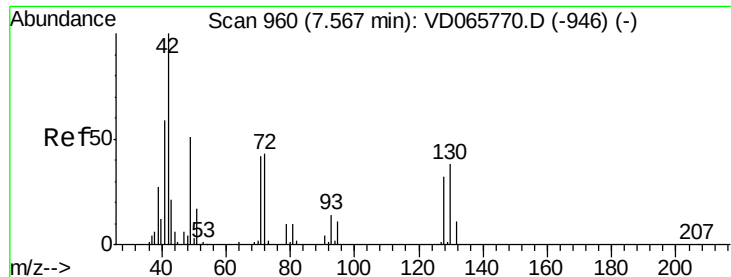


#28

Bromochloromethane
Concen: 21.931 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 49 Resp: 27782
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 70.9 59.5 89.3





#29

Tetrahydrofuran

Concen: 103.510 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

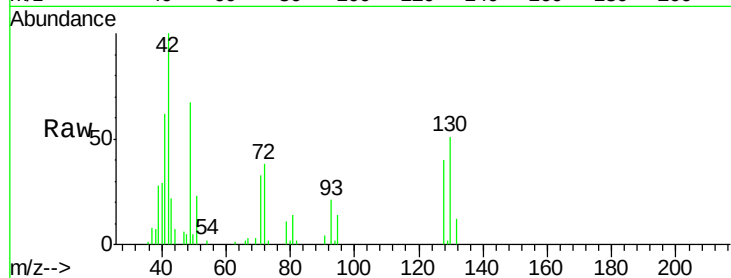
Tgt Ion: 42 Resp: 29882

Ion Ratio Lower Upper

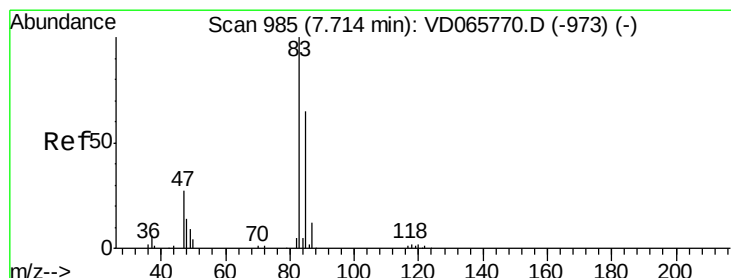
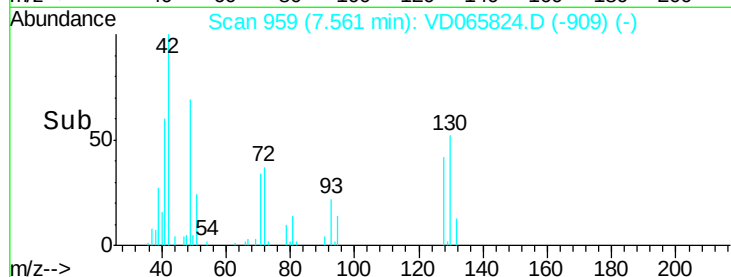
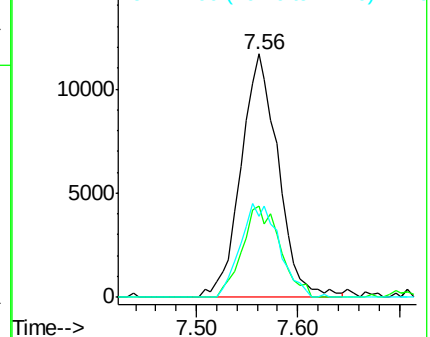
42 100

72 38.1 34.9 52.3

71 39.8 31.2 46.8



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: 21.353 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD065824.D

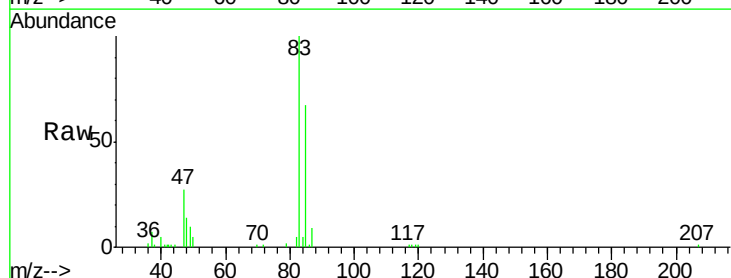
Acq: 19 Jun 2020 13:07

Tgt Ion: 83 Resp: 72595

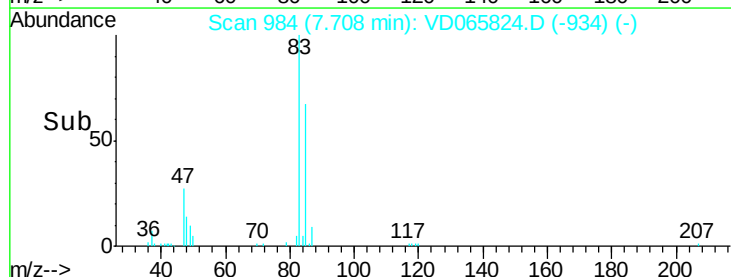
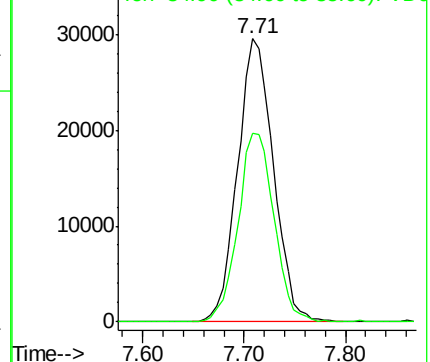
Ion Ratio Lower Upper

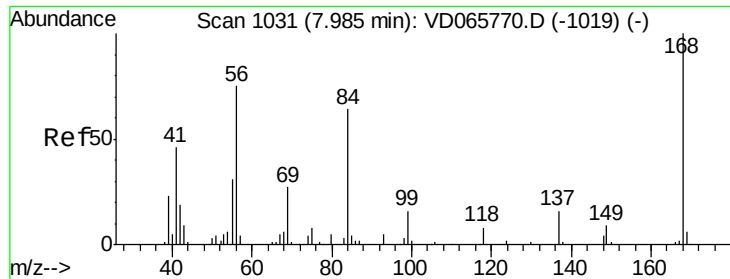
83 100

85 66.7 51.9 77.9



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

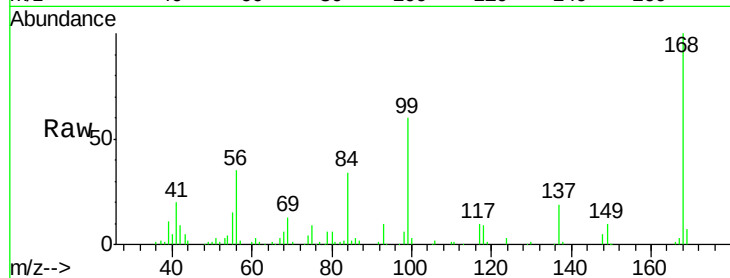




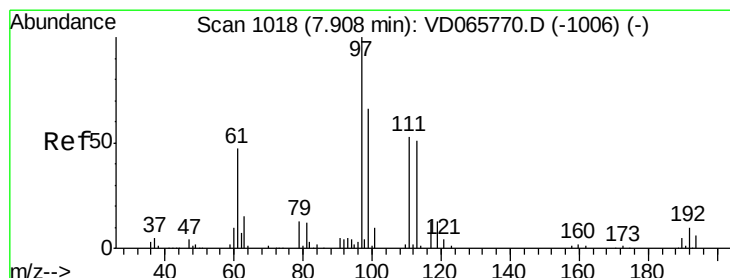
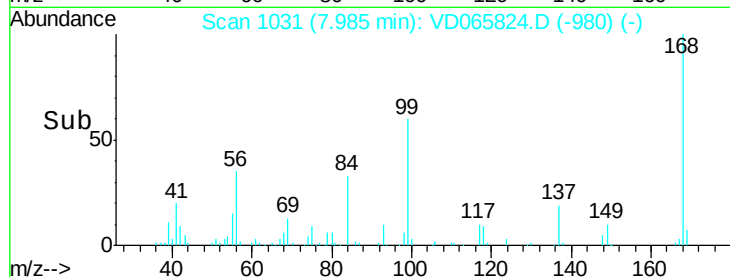
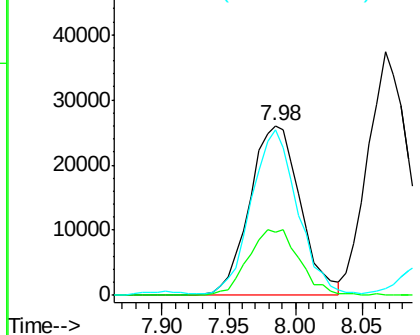
#31
Cyclohexane
Concen: 21.756 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 56 Resp: 68411
Ion Ratio Lower Upper
56 100
69 37.4 28.5 42.7
84 96.3 68.4 102.6

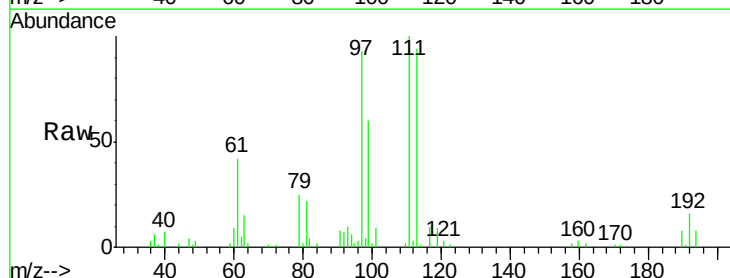


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

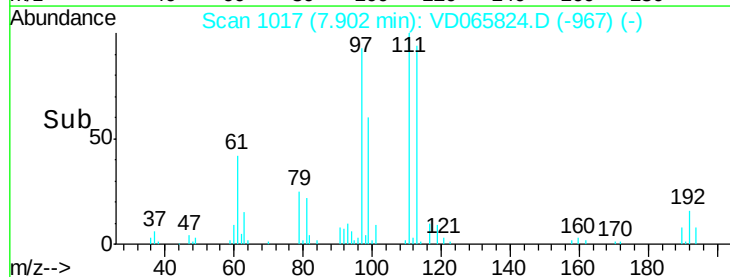
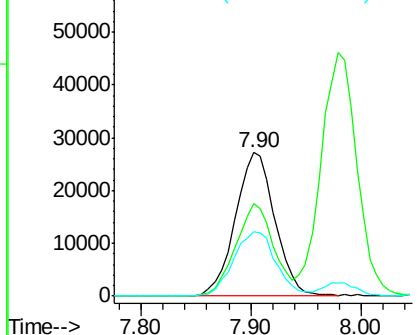


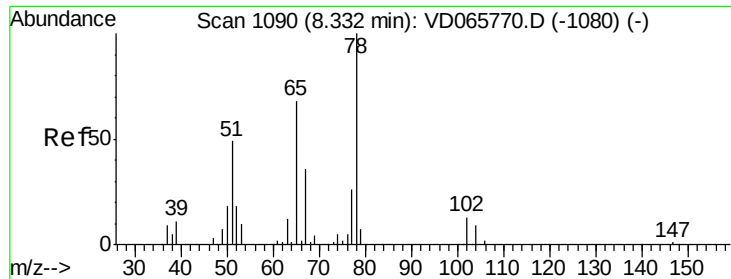
#32
1,1,1-Trichloroethane
Concen: 21.921 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 97 Resp: 68528
Ion Ratio Lower Upper
97 100
99 62.1 49.2 73.8
61 48.0 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

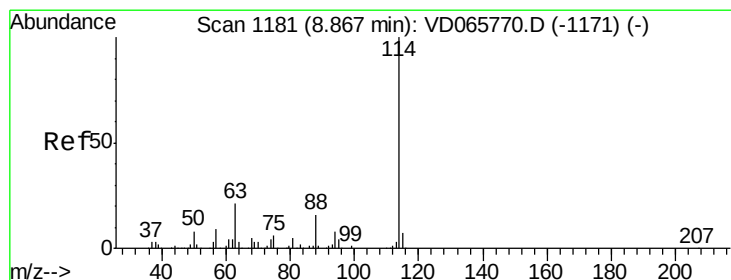
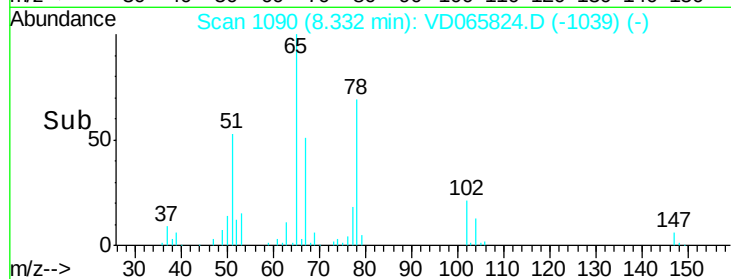
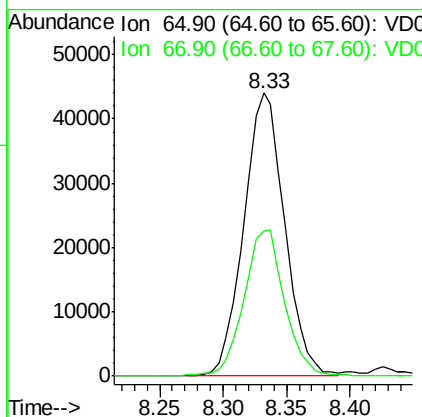
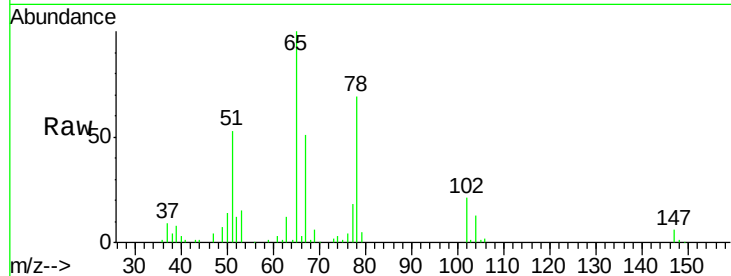




#33
 1,2-Dichloroethane-d4
 Concen: 56.255 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

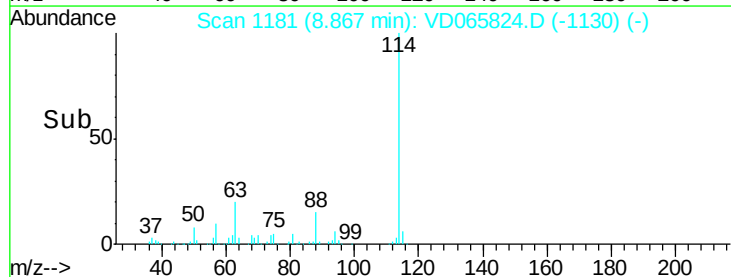
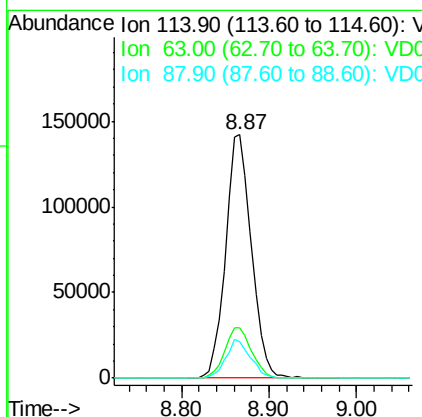
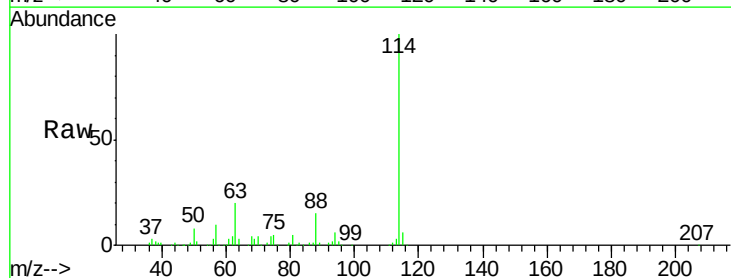
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

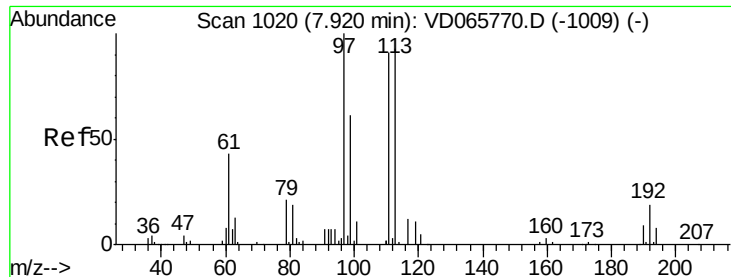
Tgt Ion: 65 Resp: 98635
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 114 Resp: 286443
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 14.9 0.0 32.0

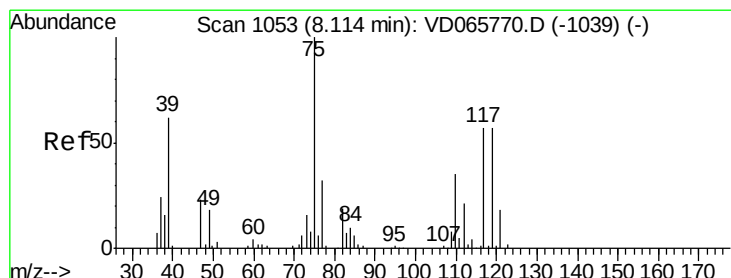
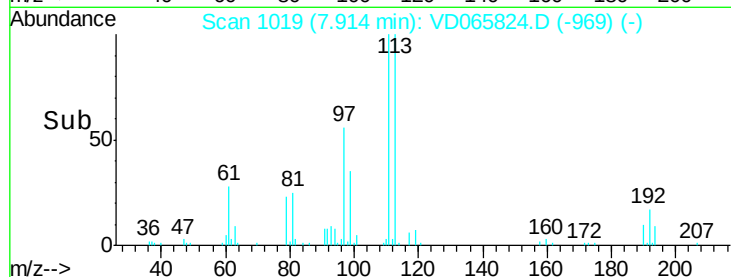
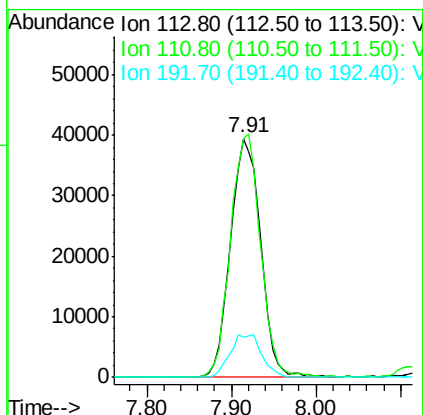
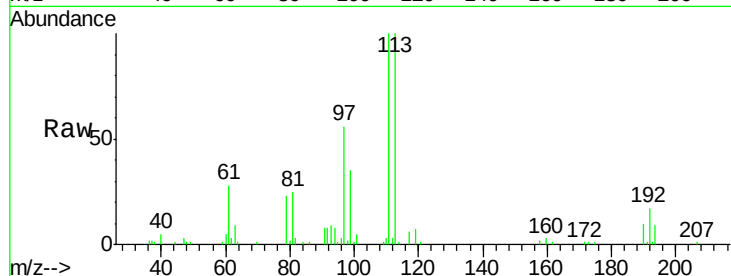




#35
 Dibromofluoromethane
 Concen: 53.672 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

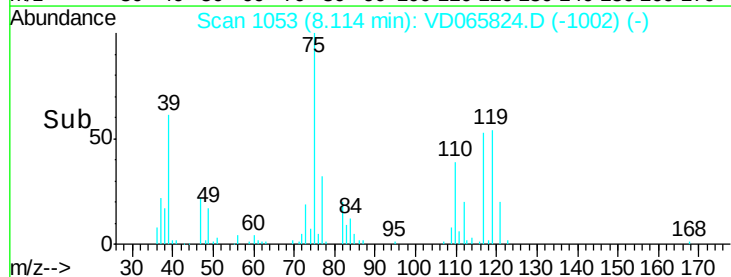
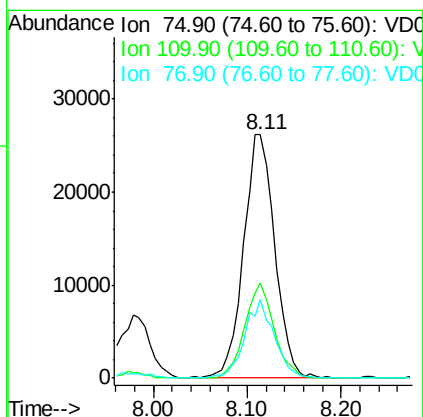
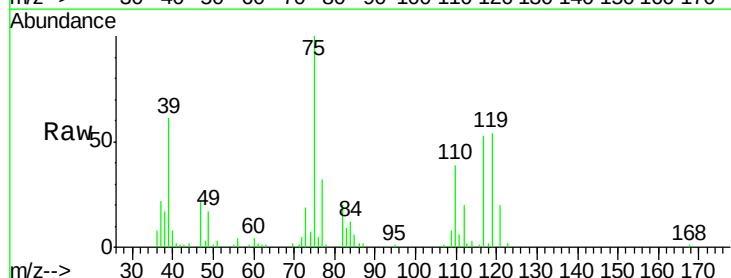
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

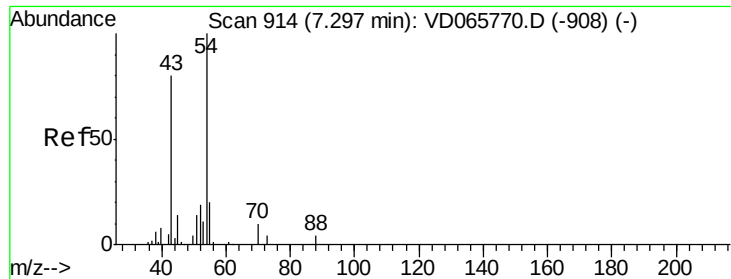
Tgt Ion: 113 Resp: 97111
 Ion Ratio Lower Upper
 113 100
 111 100.2 83.4 125.0
 192 18.6 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 21.928 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 75 Resp: 60169
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.6 52.8
 77 30.5 25.1 37.7

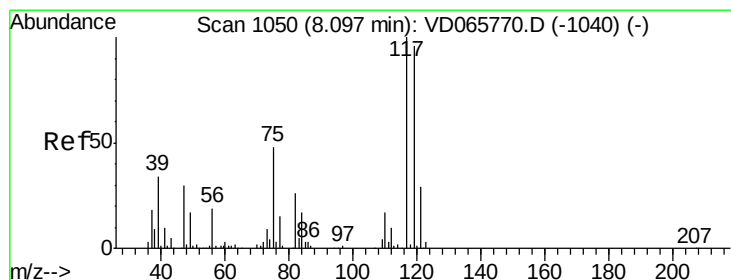
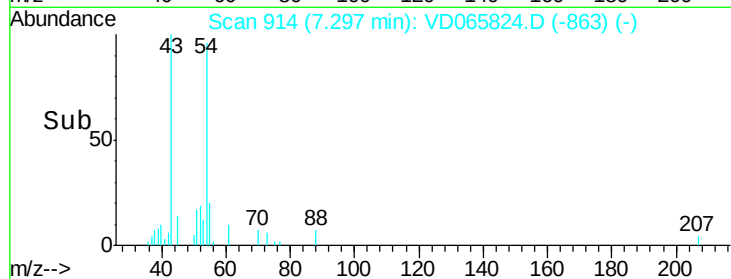
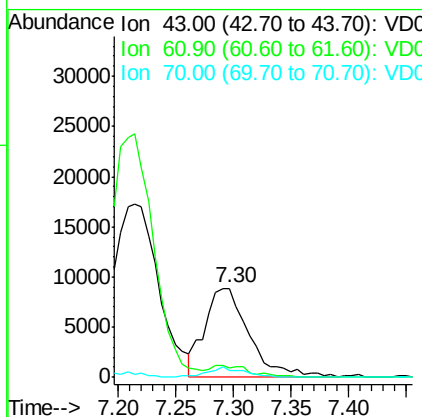
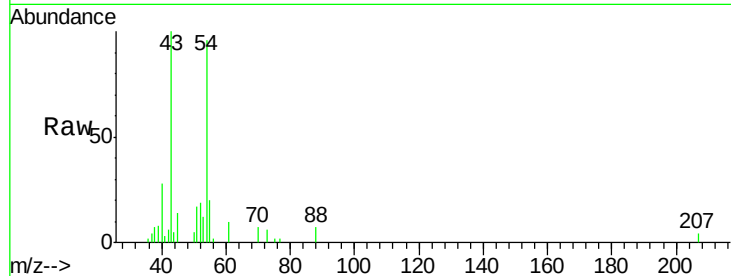




#37
 Ethyl Acetate
 Concen: 21.924 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

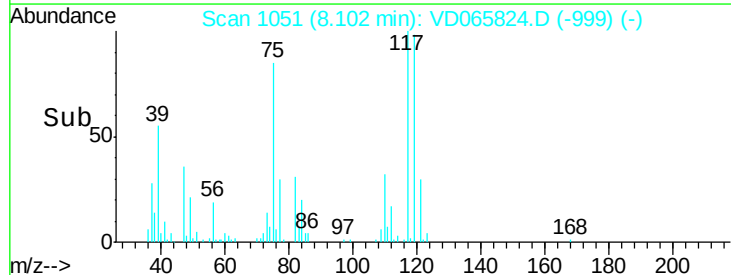
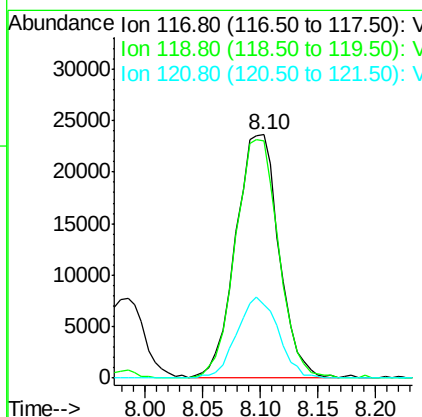
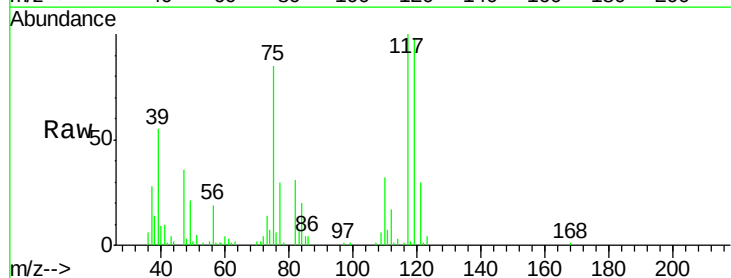
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

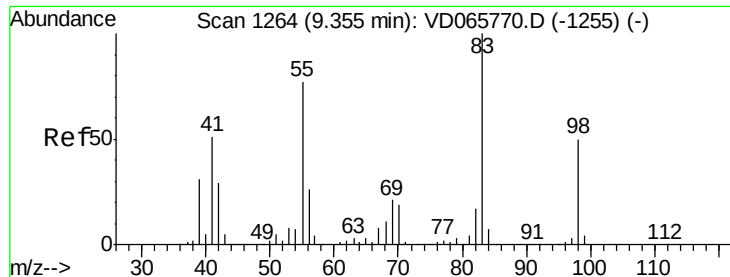
Tgt Ion: 43 Resp: 23695
 Ion Ratio Lower Upper
 43 100
 61 12.2 10.6 15.8
 70 9.4 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 21.353 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 117 Resp: 61662
 Ion Ratio Lower Upper
 117 100
 119 97.6 76.8 115.2
 121 29.9 23.4 35.2

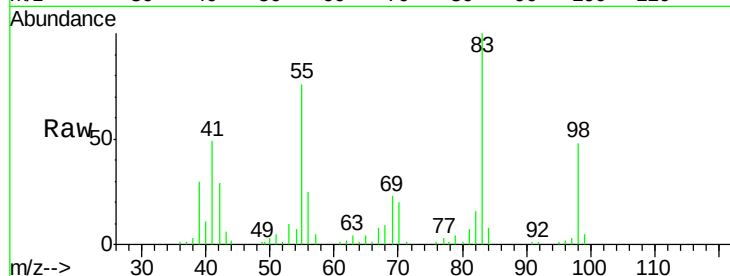




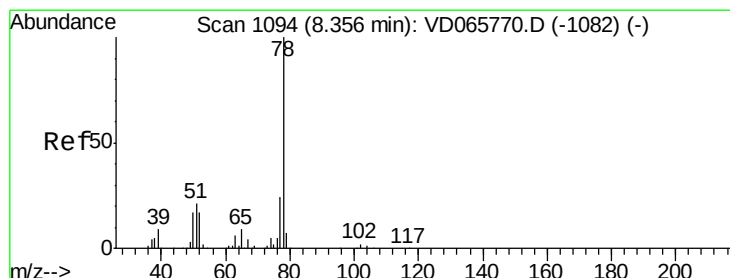
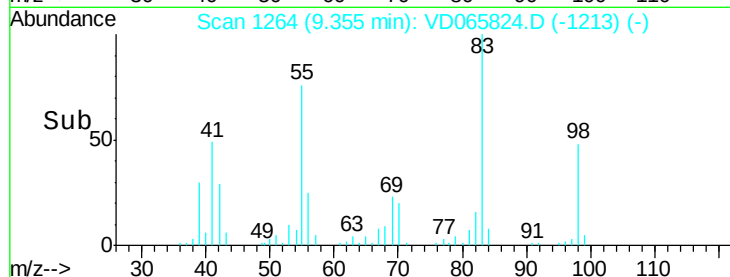
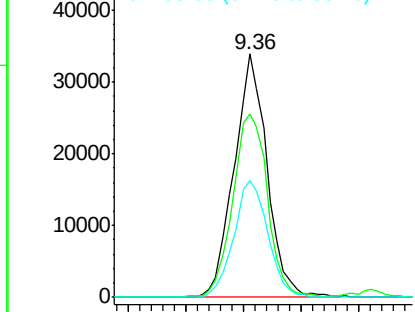
#39
Methylcyclohexane
Concen: 20.706 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 83 Resp: 67269
Ion Ratio Lower Upper
83 100
55 75.1 61.6 92.4
98 47.9 40.2 60.2

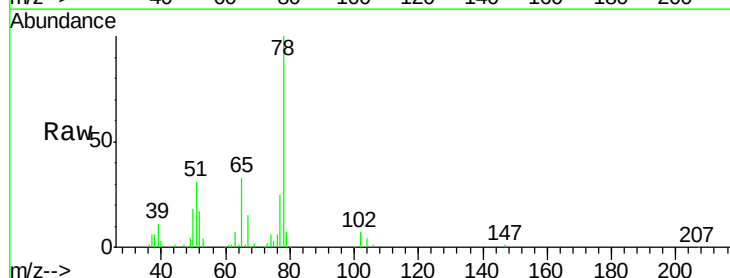


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

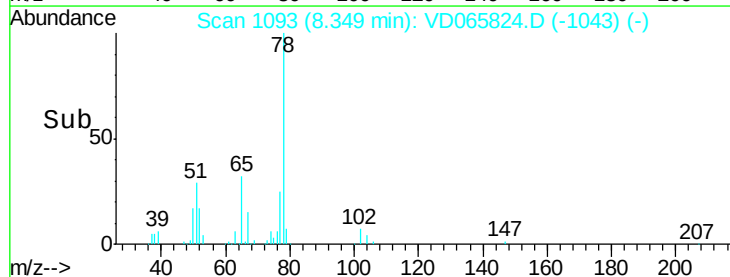
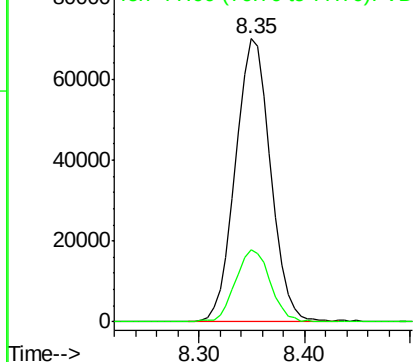


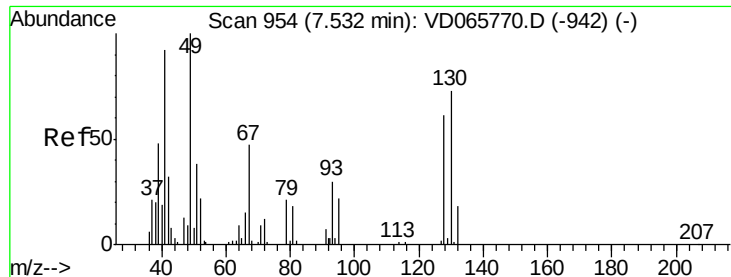
#40
Benzene
Concen: 21.552 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 78 Resp: 161671
Ion Ratio Lower Upper
78 100
77 25.5 19.2 28.8



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





#41

Methacrylonitrile

Concen: 16.368 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 41 Resp: 10534

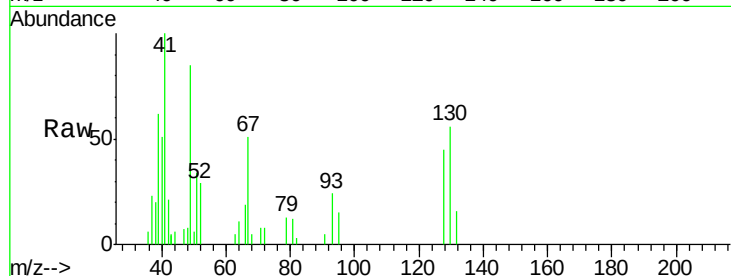
Ion Ratio Lower Upper

41 100

39 71.0 38.3 57.5#

67 82.0 49.8 74.6#

52 37.8 21.7 32.5#

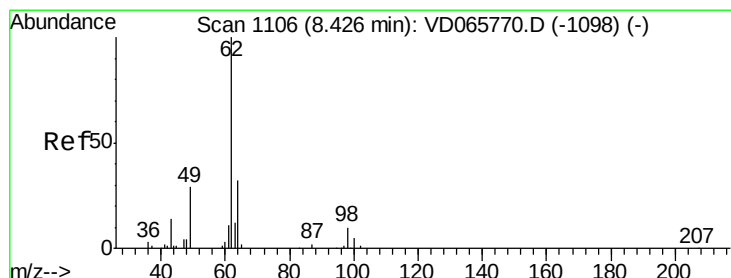
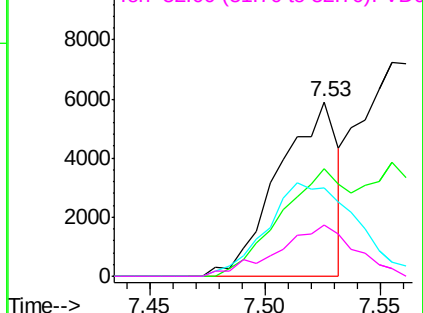
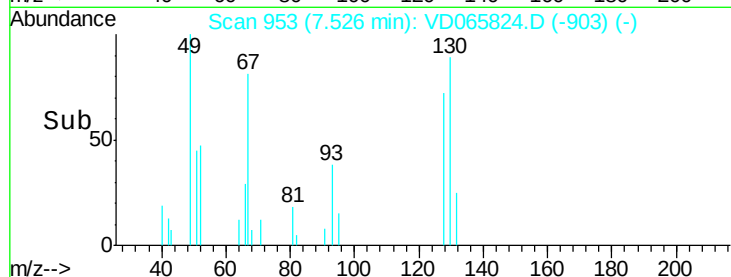


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.866 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065824.D

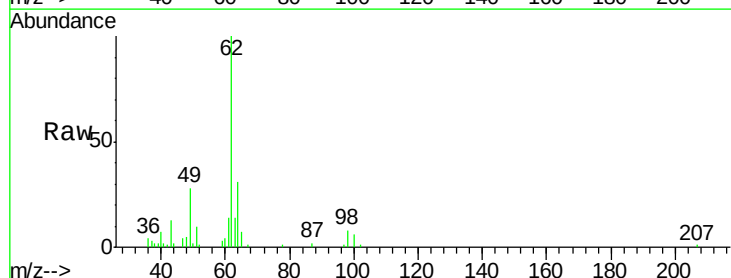
Acq: 19 Jun 2020 13:07

Tgt Ion: 62 Resp: 47227

Ion Ratio Lower Upper

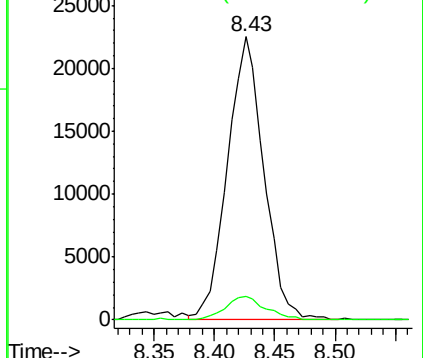
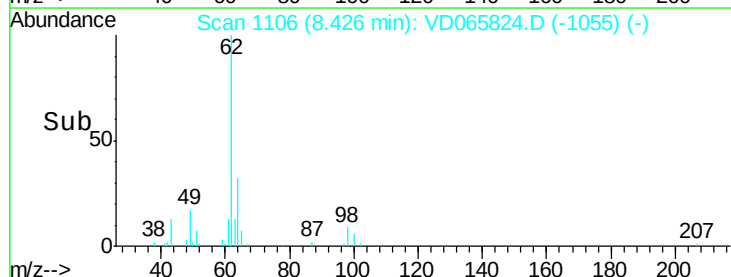
62 100

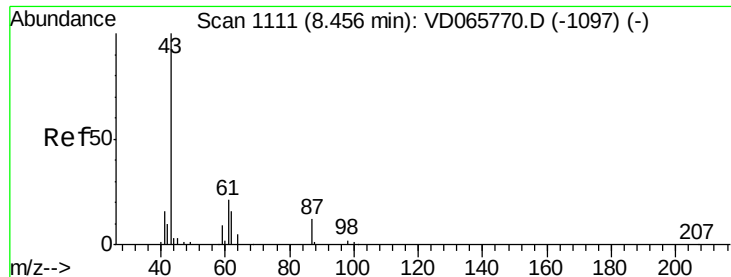
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.225 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

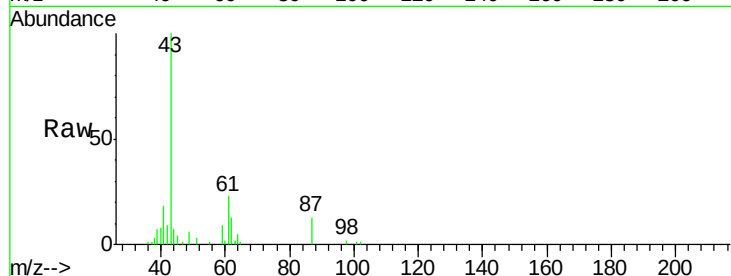
Tgt Ion: 43 Resp: 43468

Ion Ratio Lower Upper

43 100

61 32.3 24.2 36.4

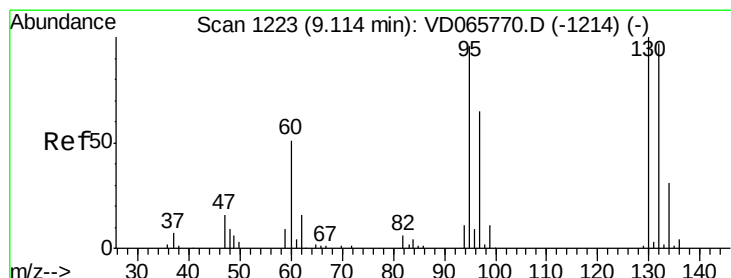
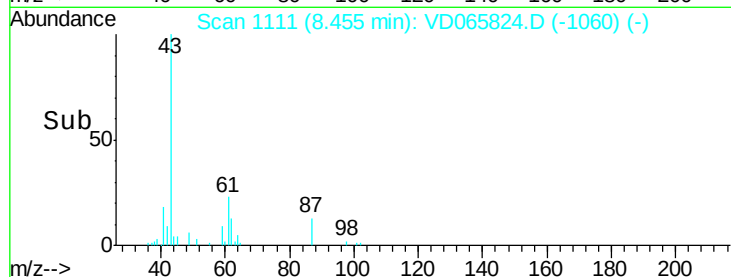
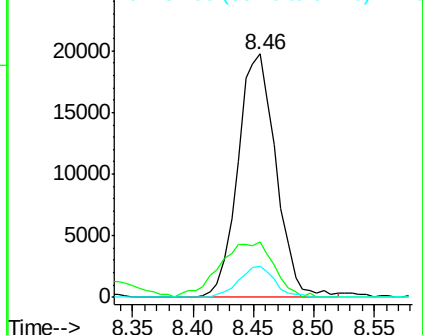
87 11.9 9.5 14.3



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: 21.090 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065824.D

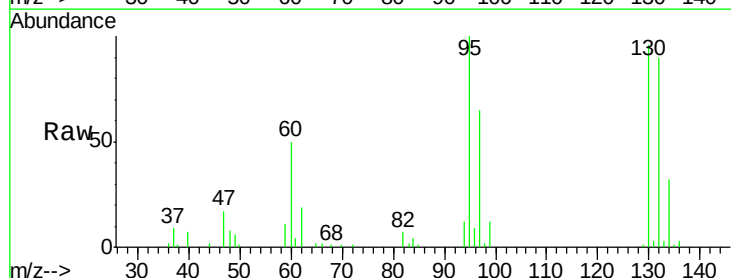
Acq: 19 Jun 2020 13:07

Tgt Ion: 130 Resp: 44026

Ion Ratio Lower Upper

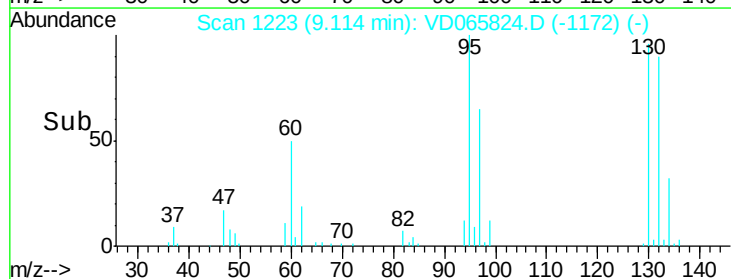
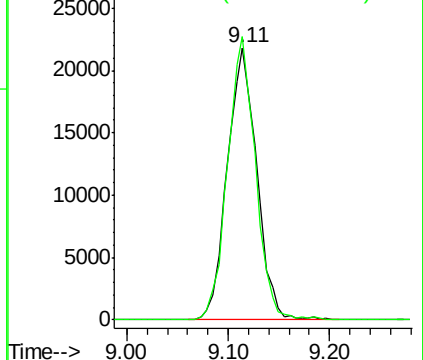
130 100

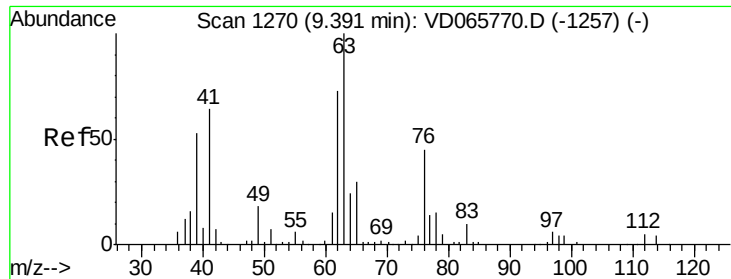
95 103.9 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

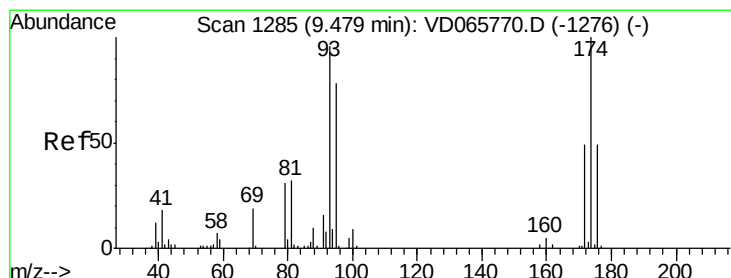
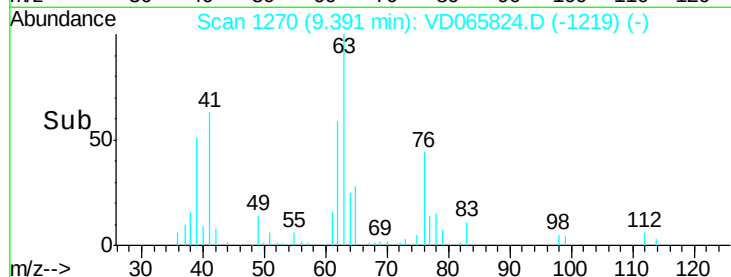
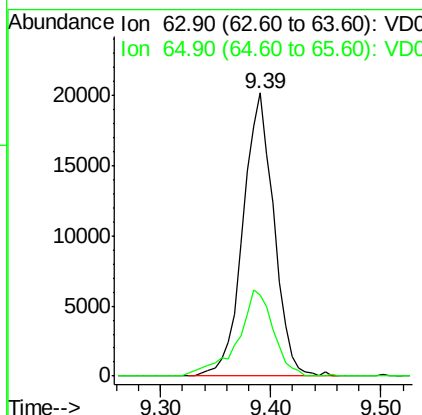
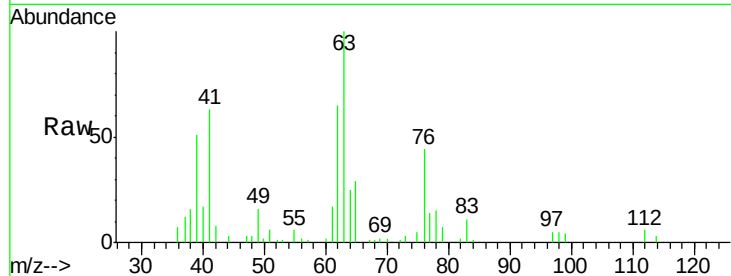




#45
 1,2-Dichloropropane
 Concen: 21.075 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

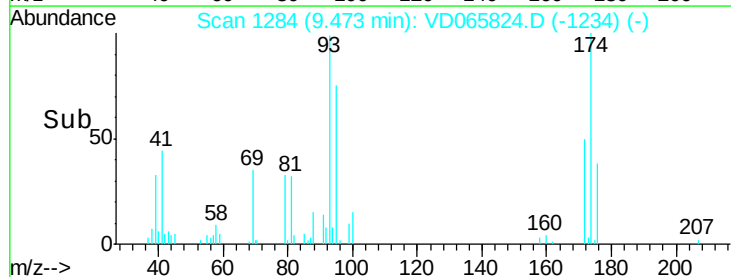
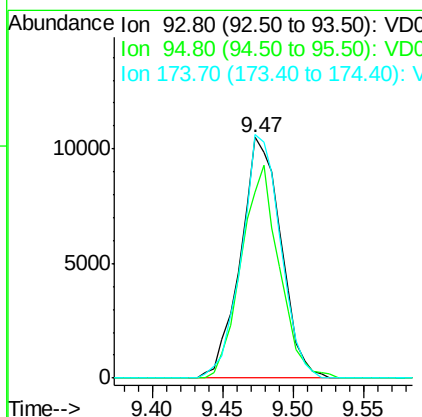
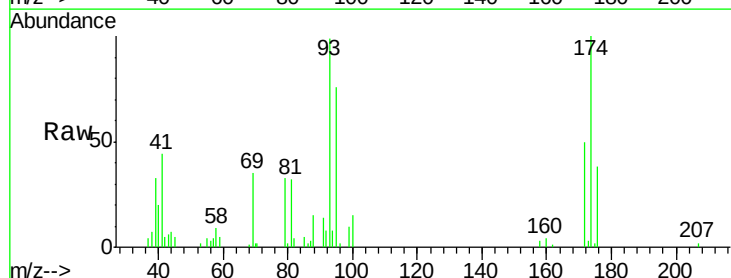
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

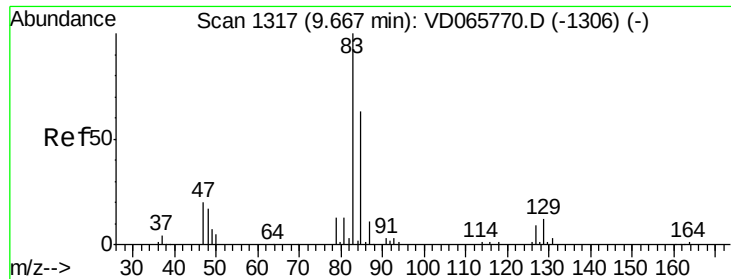
Tgt Ion: 63 Resp: 39723
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.2 36.2



#46
 Dibromomethane
 Concen: 20.600 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 93 Resp: 21058
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.6
 174 97.9 80.9 121.3





#47

Bromodichloromethane

Concen: 21.476 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

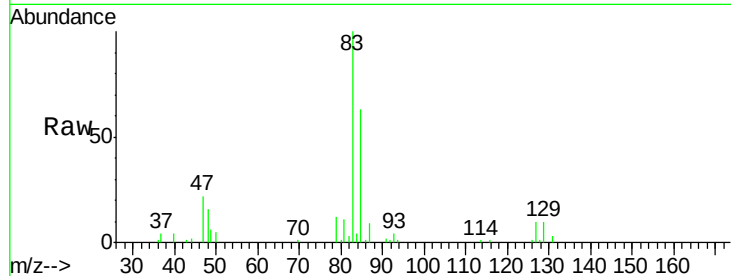
Tgt Ion: 83 Resp: 58830

Ion Ratio Lower Upper

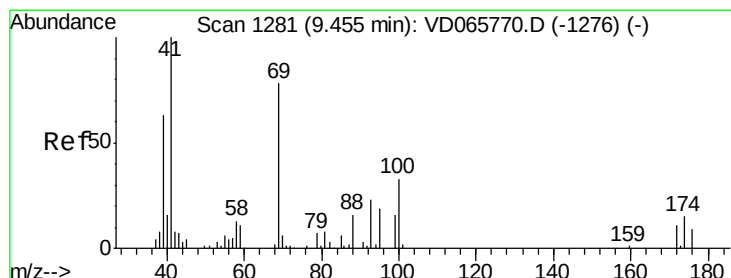
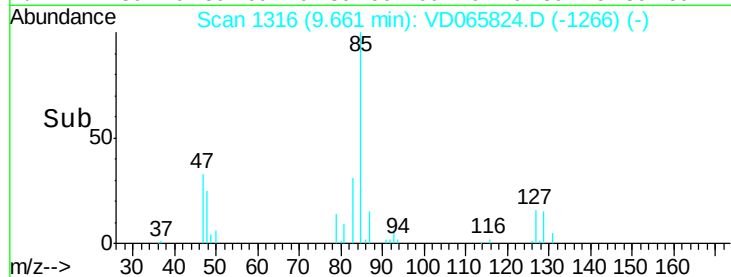
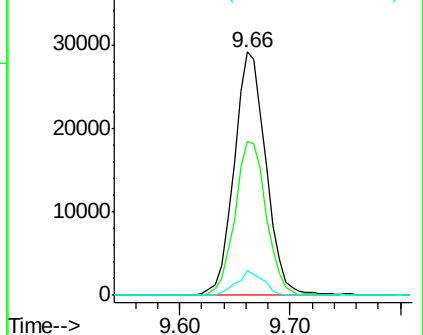
83 100

85 63.1 50.7 76.1

127 10.0 7.1 10.7



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



#48

Methyl methacrylate

Concen: 21.036 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

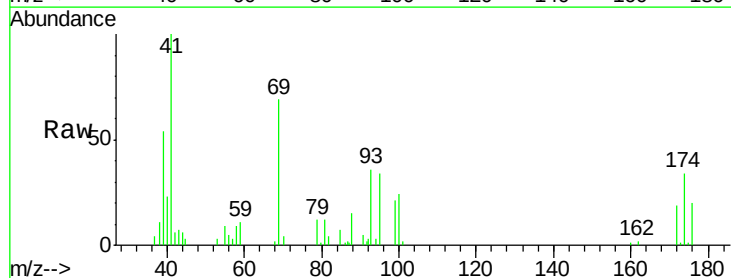
Tgt Ion: 41 Resp: 21884

Ion Ratio Lower Upper

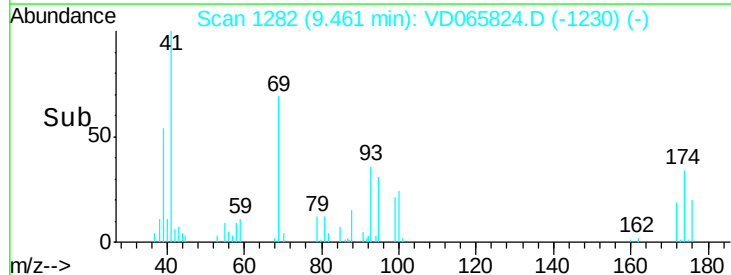
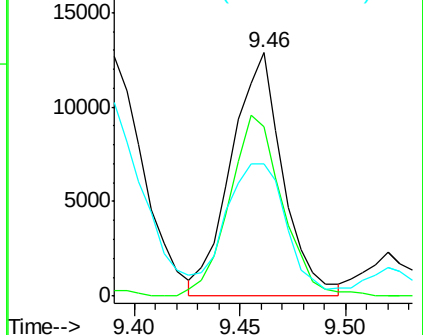
41 100

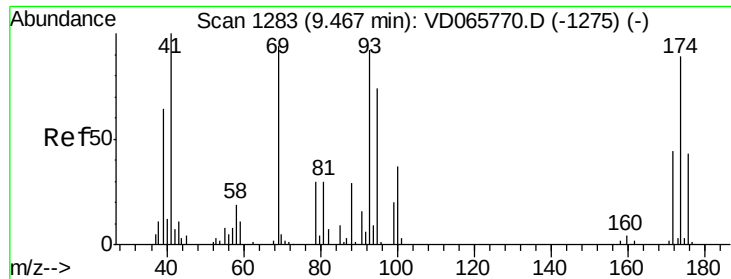
69 76.0 60.9 91.3

39 57.1 48.1 72.1



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: 363.125 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

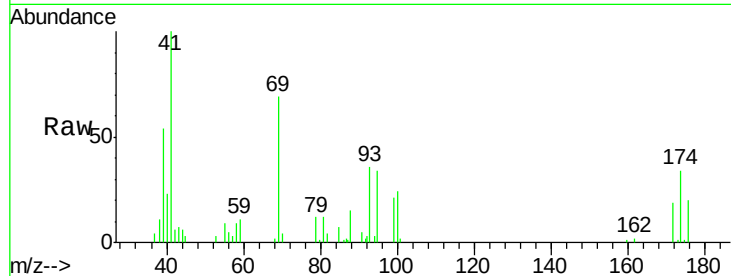
Tgt Ion: 88 Resp: 3951

Ion Ratio Lower Upper

88 100

43 50.2 32.2 48.4#

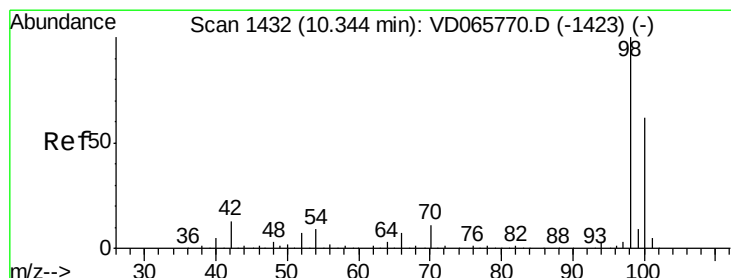
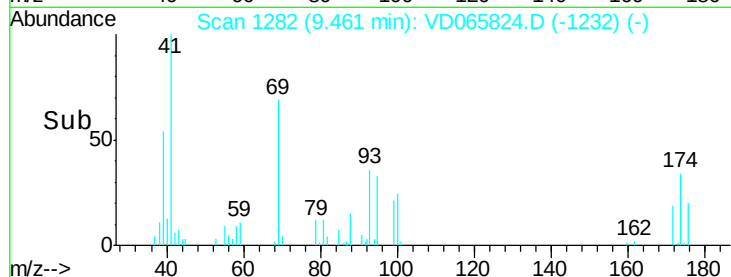
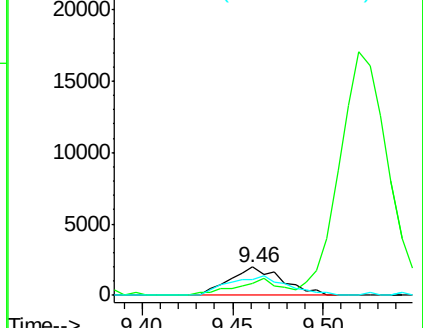
58 76.8 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 55.037 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065824.D

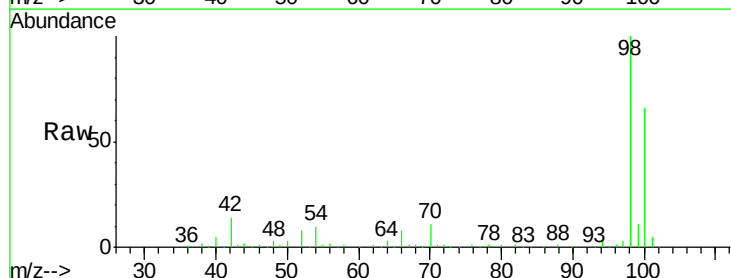
Acq: 19 Jun 2020 13:07

Tgt Ion: 98 Resp: 371324

Ion Ratio Lower Upper

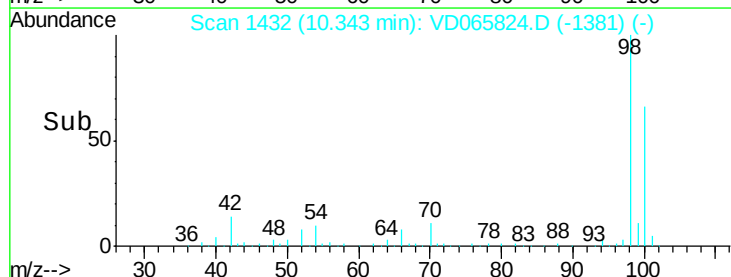
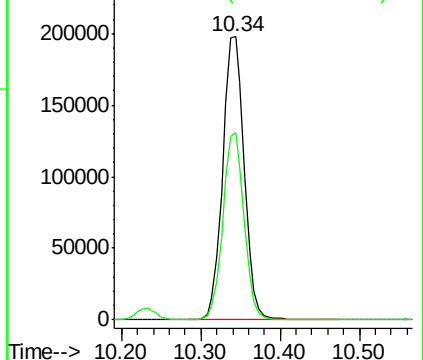
98 100

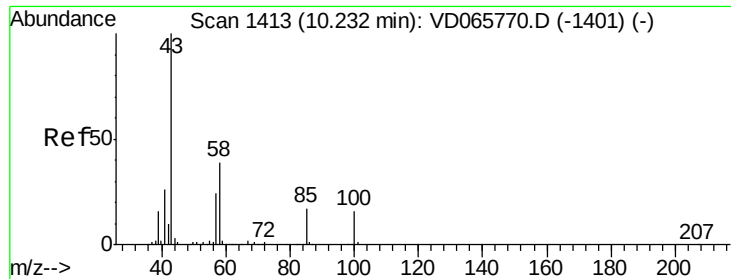
100 65.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

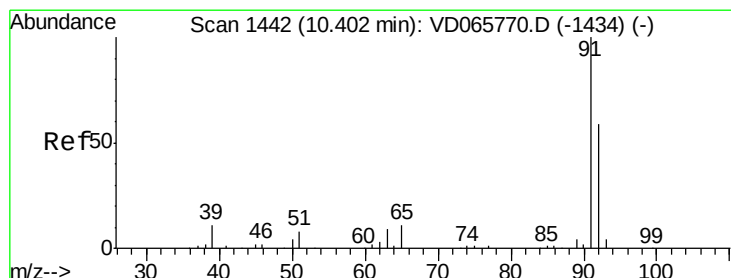
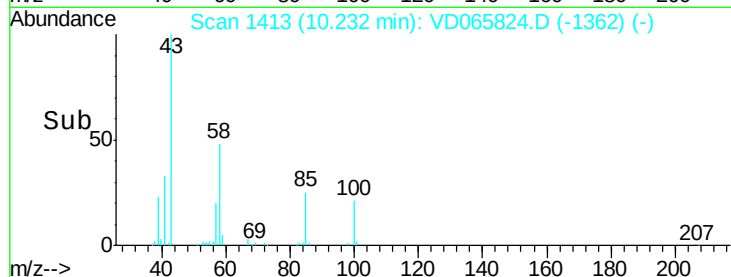
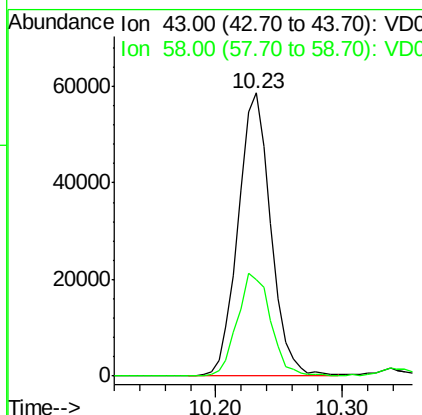
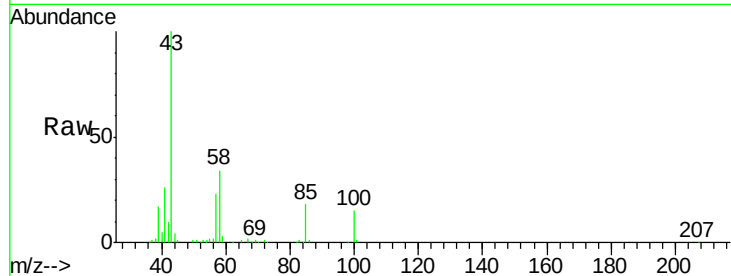




#51
 4-Methyl-2-Pentanone
 Concen: 99.659 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

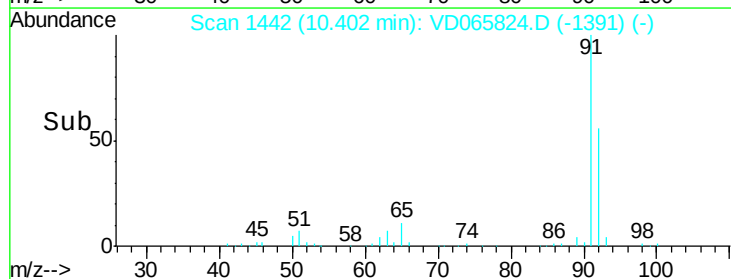
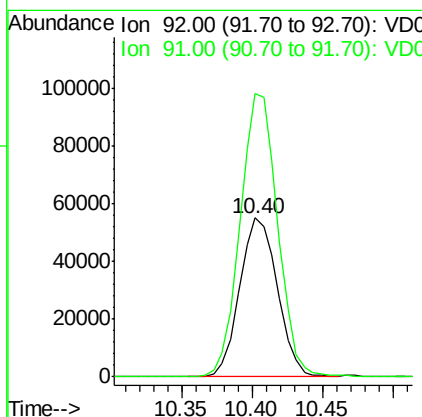
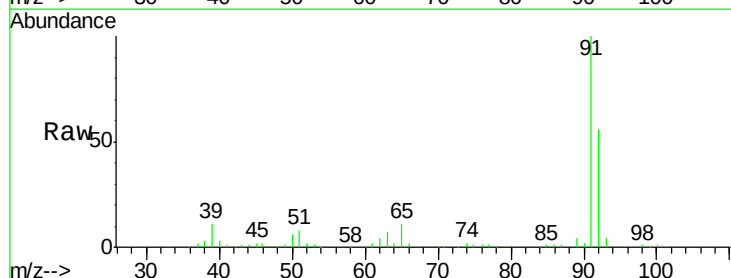
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

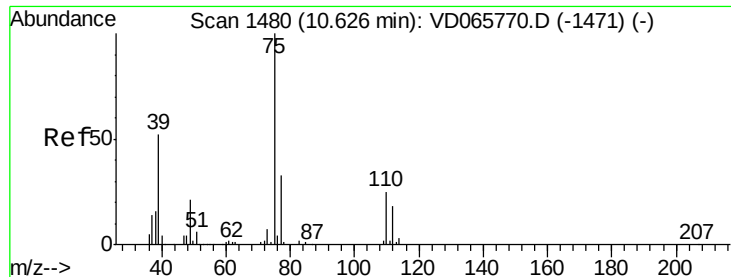
Tgt Ion: 43 Resp: 104953
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.7 46.1



#52
 Toluene
 Concen: 21.236 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 92 Resp: 103508
 Ion Ratio Lower Upper
 92 100
 91 176.5 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.512 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

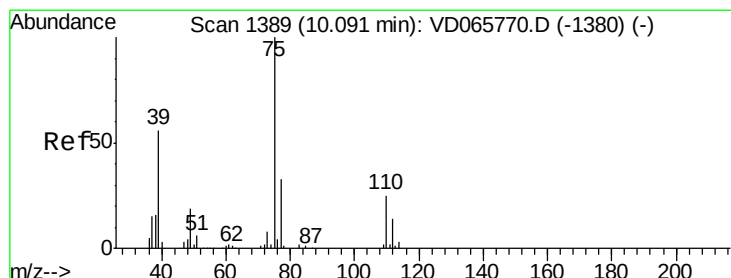
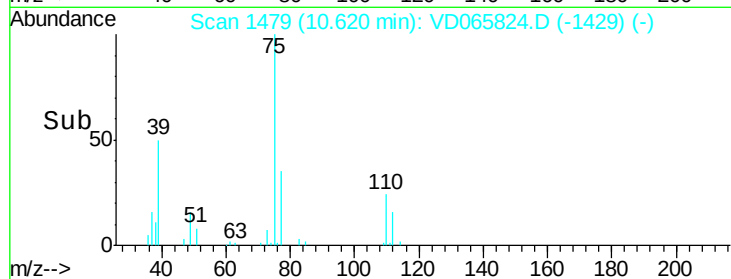
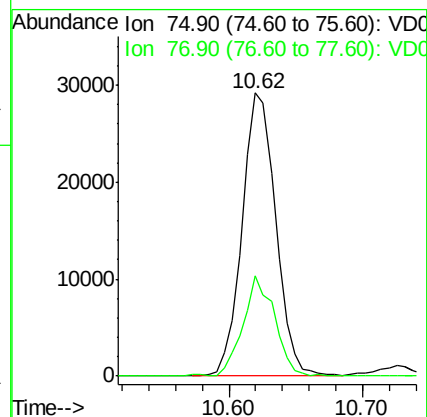
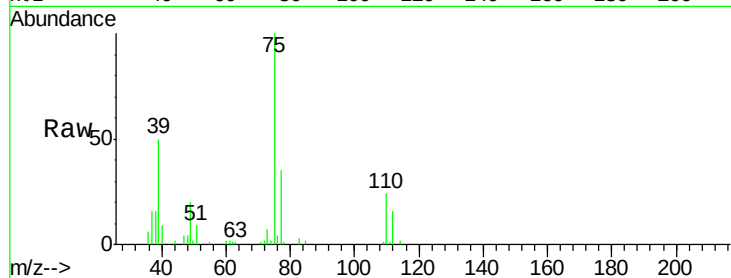
VD0619SBS01

Tgt Ion: 75 Resp: 50881

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 21.191 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

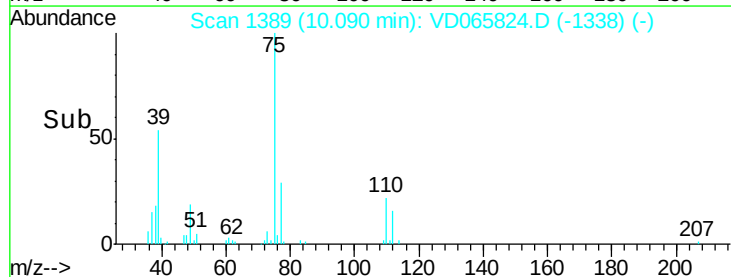
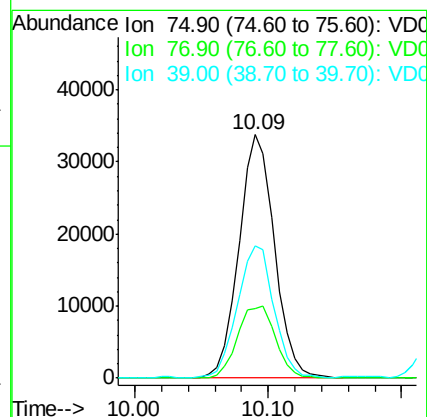
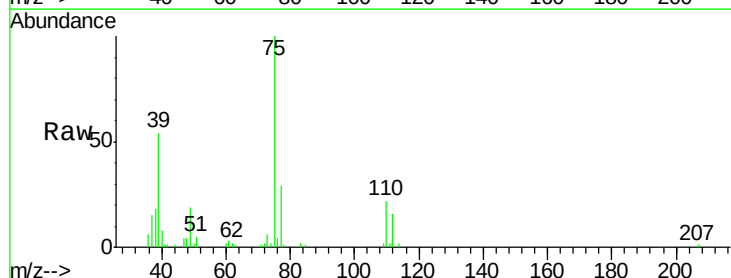
Tgt Ion: 75 Resp: 62080

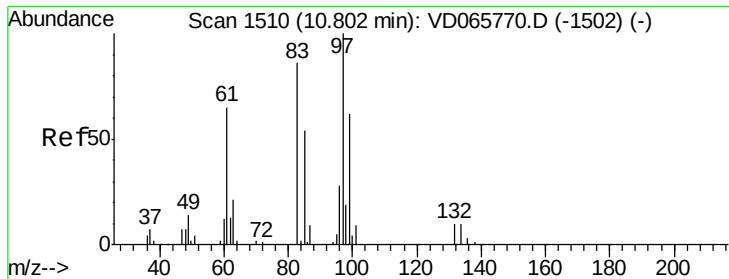
Ion Ratio Lower Upper

75 100

77 28.8 26.0 39.0

39 54.4 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.497 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

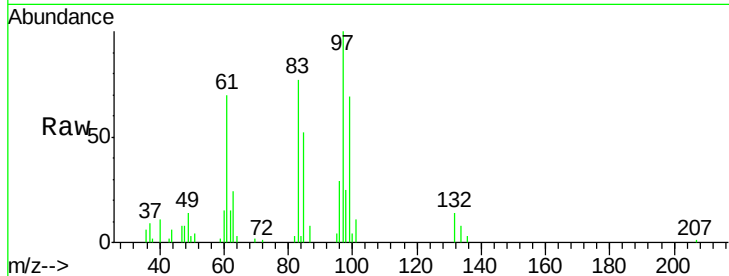
MSVOA_D

ClientSampleId :

VD0619SBSD01

Tgt Ion: 97 Resp: 27997

Ion	Ratio	Lower	Upper
97	100		
83	77.3	68.7	103.1
85	51.9	43.0	64.6
99	68.7	49.8	74.6

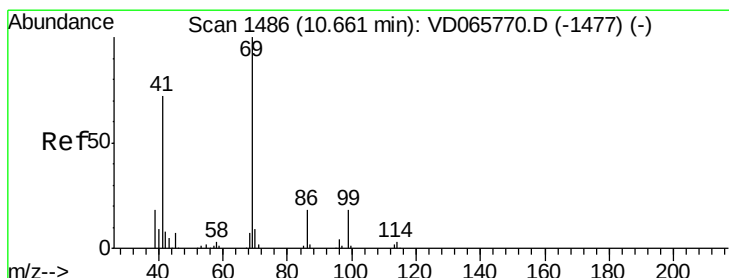
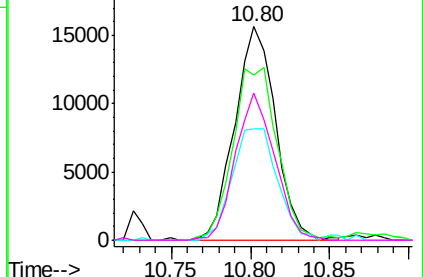
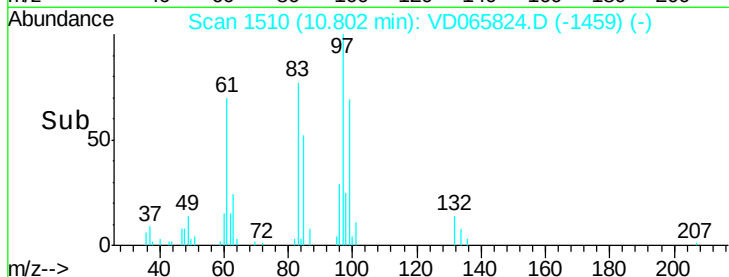


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.528 ug/l

RT: 10.66 min Scan# 1486

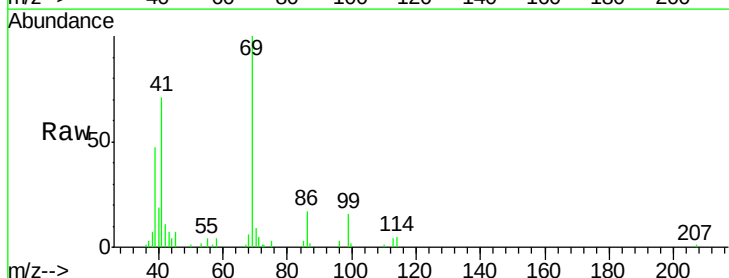
Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Tgt Ion: 69 Resp: 32980

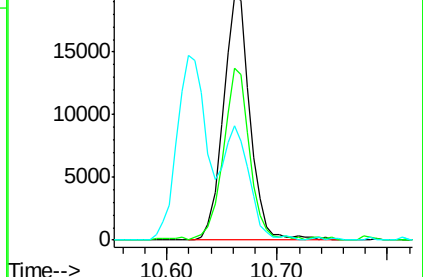
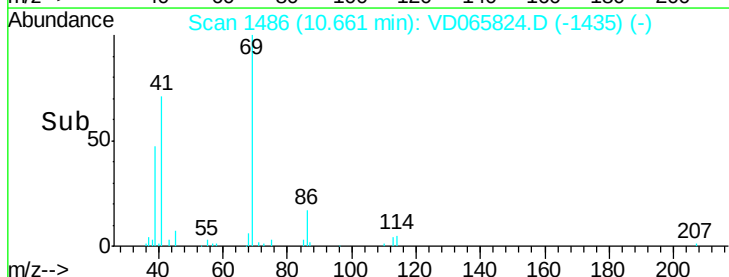
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.9	85.3
39	45.6	36.0	54.0

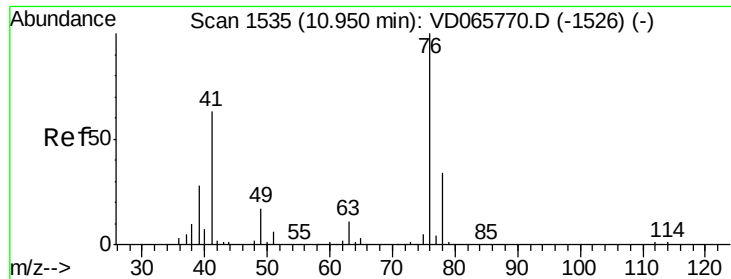


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

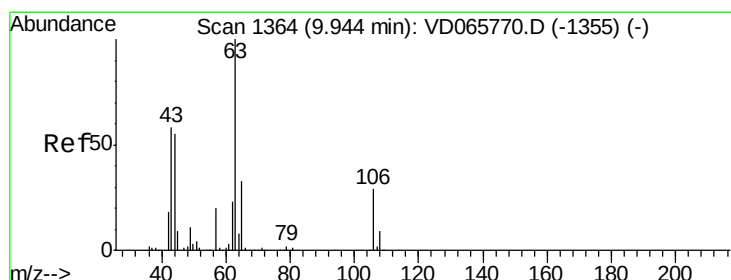
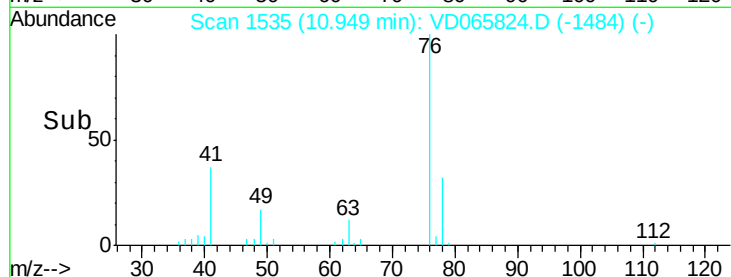
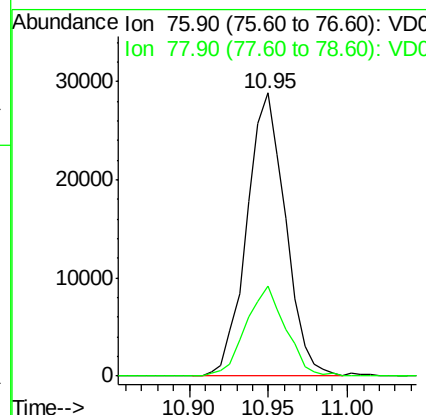
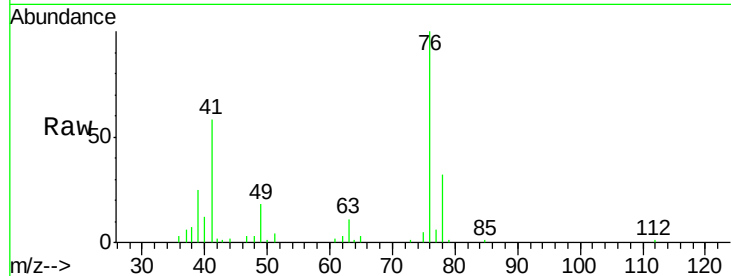




#57
 1,3-Dichloropropane
 Concen: 20.701 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

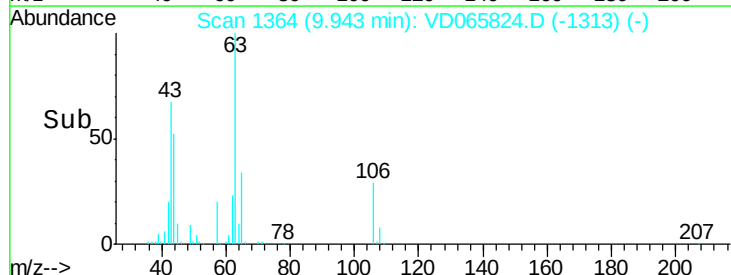
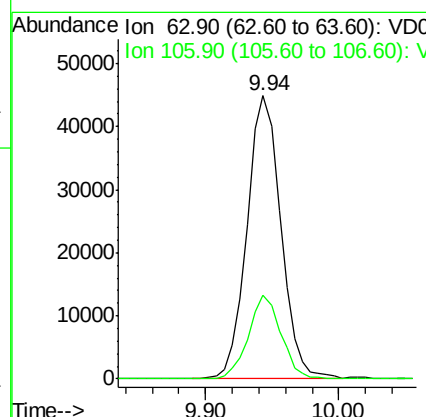
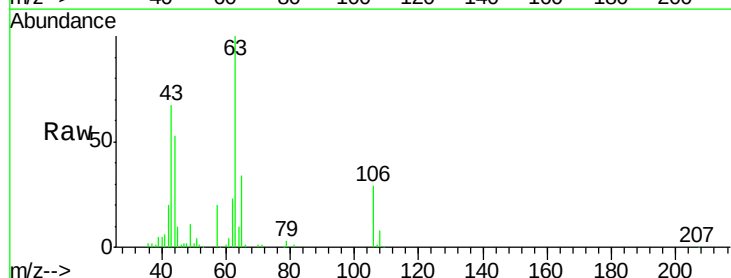
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

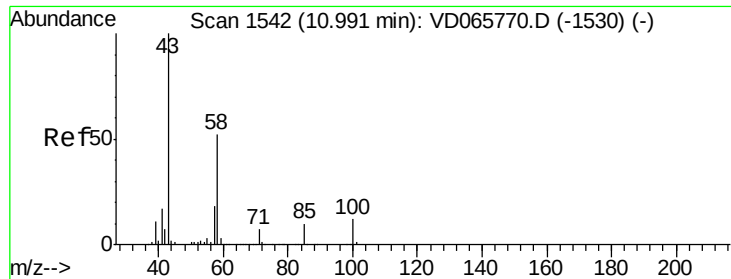
Tgt Ion: 76 Resp: 48986
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.037 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 63 Resp: 78454
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.2 34.8

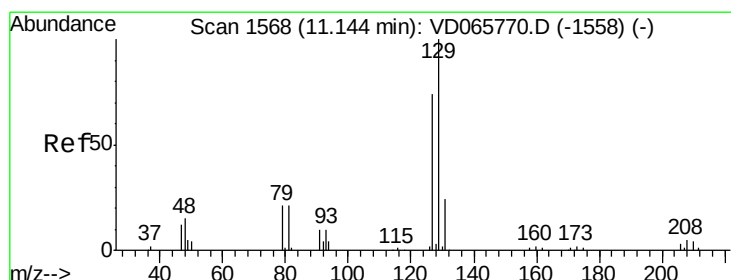
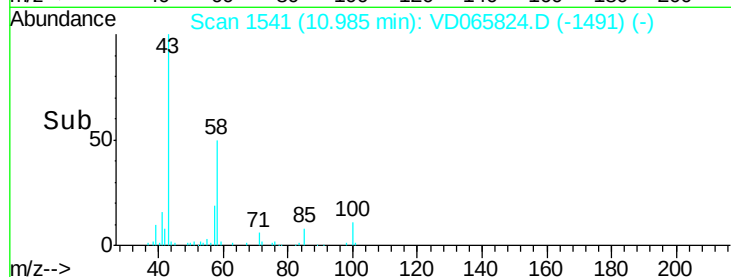
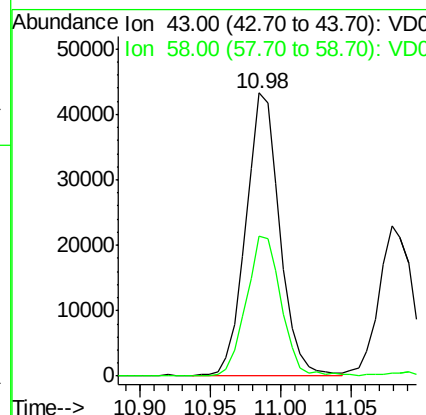
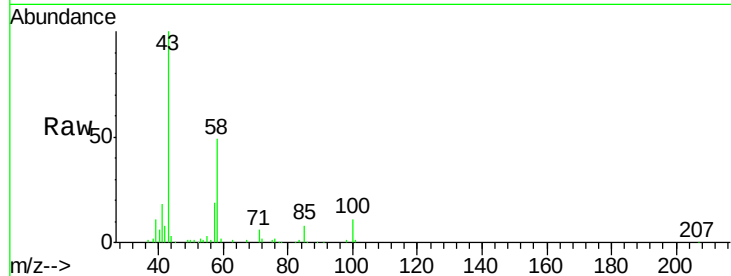




#59
2-Hexanone
Concen: 102.930 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

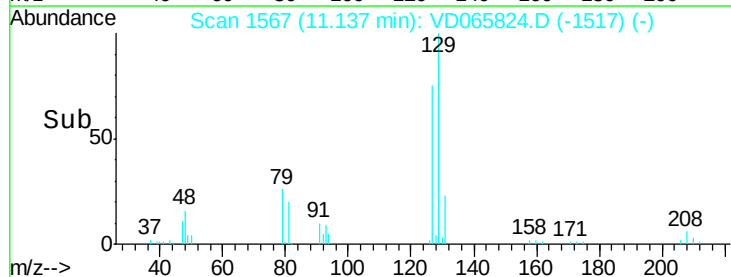
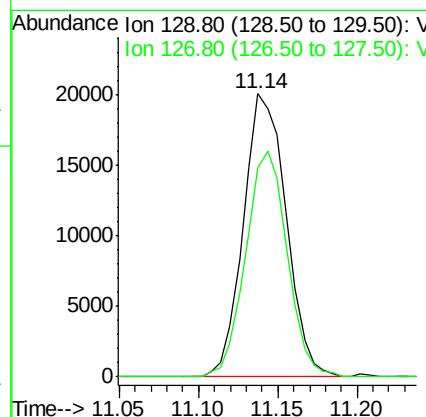
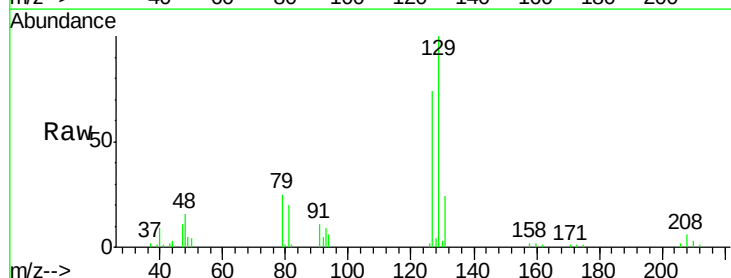
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

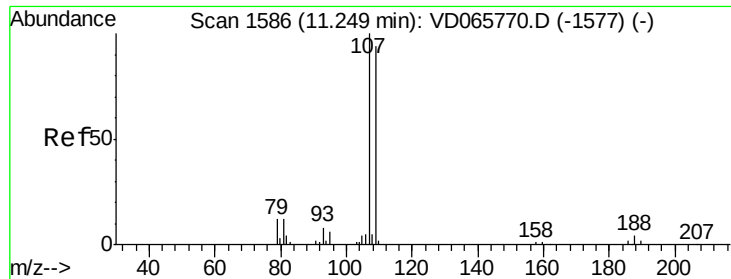
Tgt Ion: 43 Resp: 73081
Ion Ratio Lower Upper
43 100
58 50.7 25.7 77.0



#60
Dibromochloromethane
Concen: 20.348 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 129 Resp: 37545
Ion Ratio Lower Upper
129 100
127 77.6 38.0 113.9

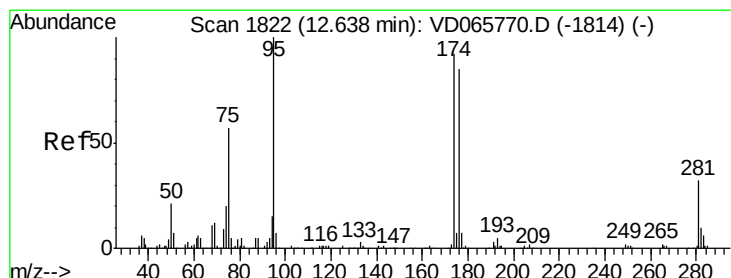
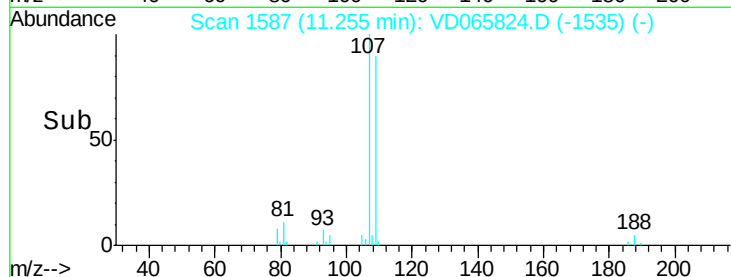
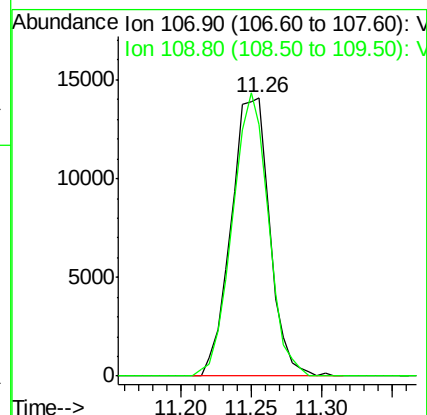
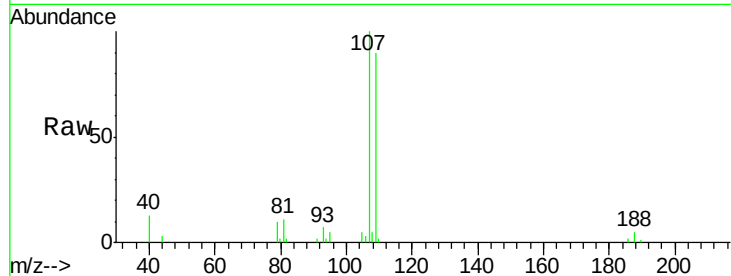




#61
 1,2-Dibromoethane
 Concen: 19.959 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

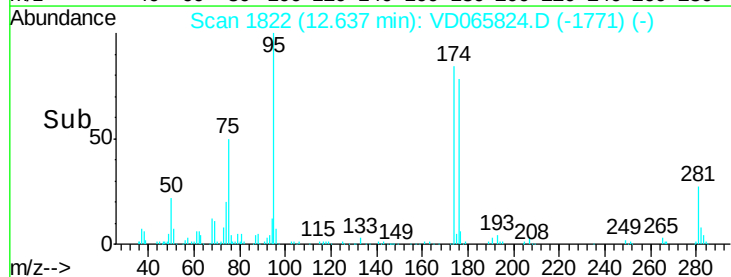
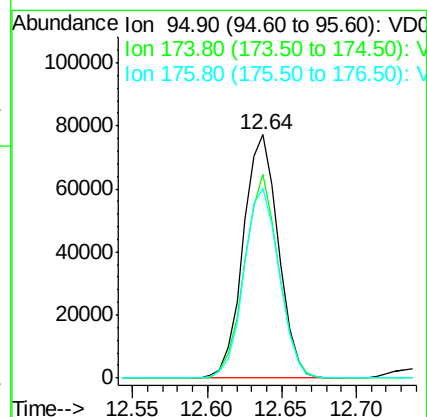
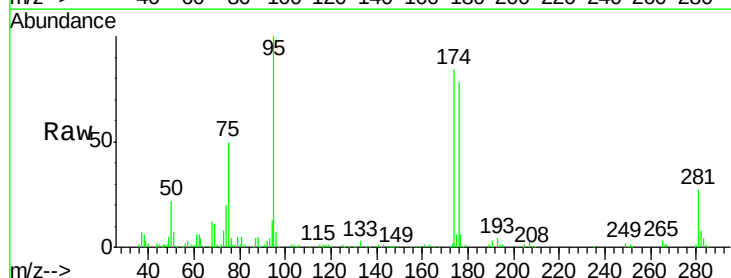
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

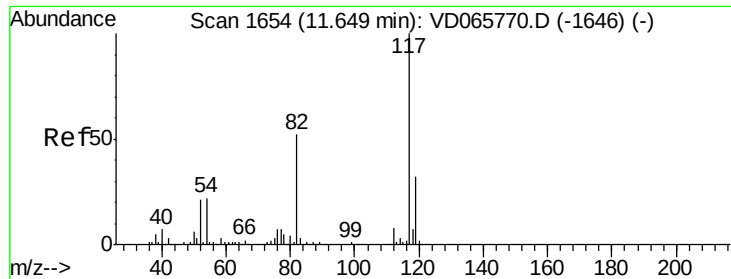
Tgt Ion: 107 Resp: 26791
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 54.921 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 95 Resp: 125664
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 175.2
 176 78.4 0.0 163.0

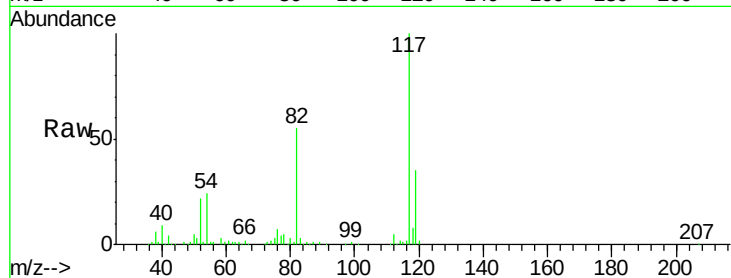




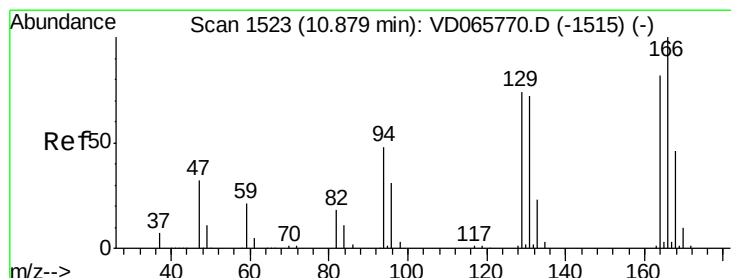
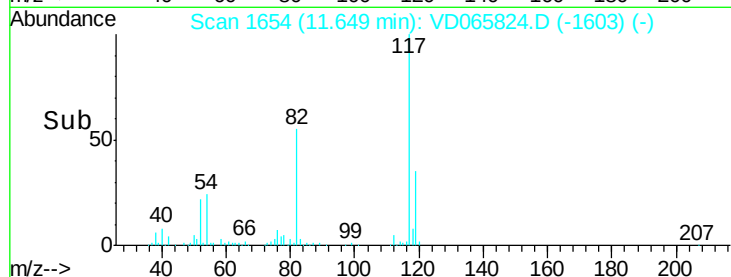
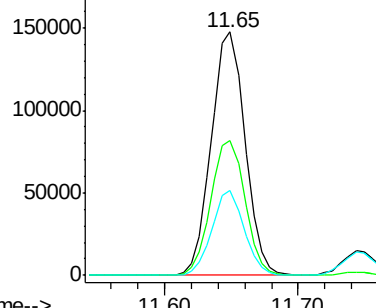
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:117 Resp: 259056
Ion Ratio Lower Upper
117 100
82 55.3 41.9 62.9
119 35.1 25.3 37.9

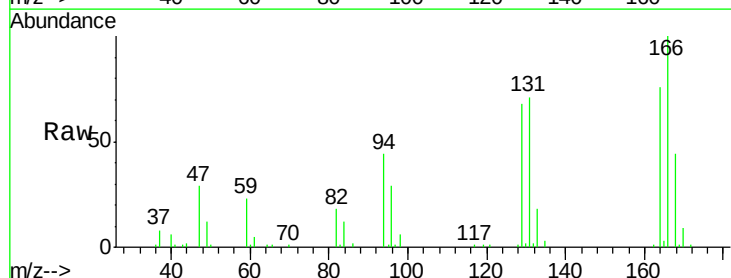


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

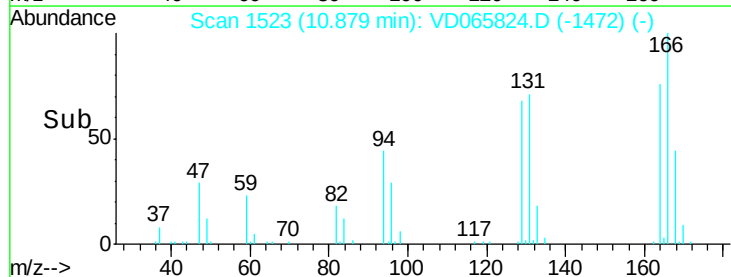
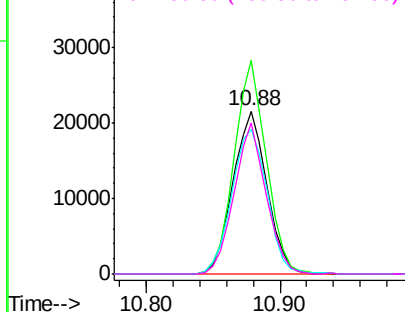


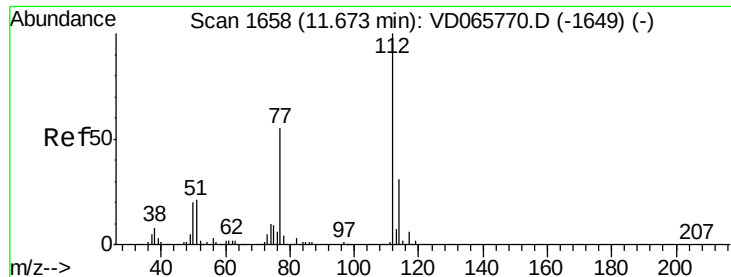
#64
Tetrachloroethene
Concen: 21.701 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion:164 Resp: 38014
Ion Ratio Lower Upper
164 100
166 131.1 98.2 147.2
129 88.6 72.3 108.5
131 93.1 70.5 105.7



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

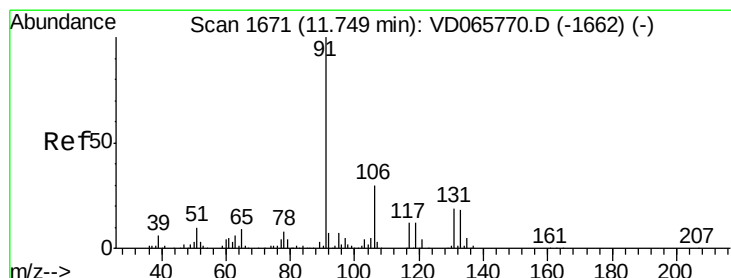
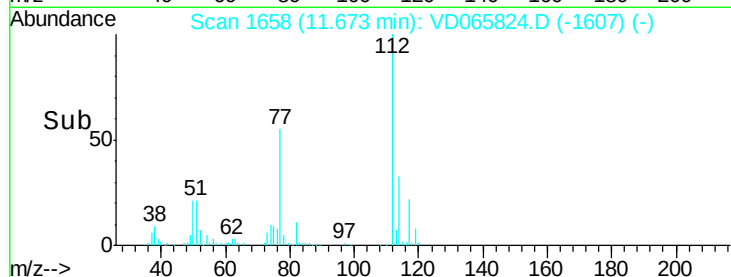
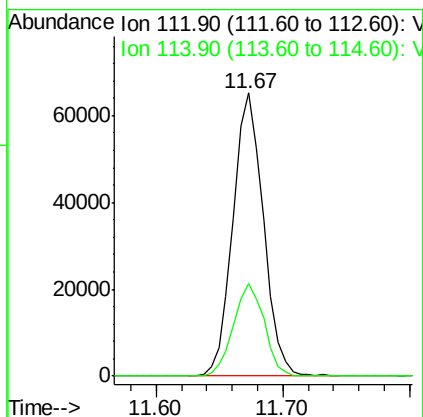
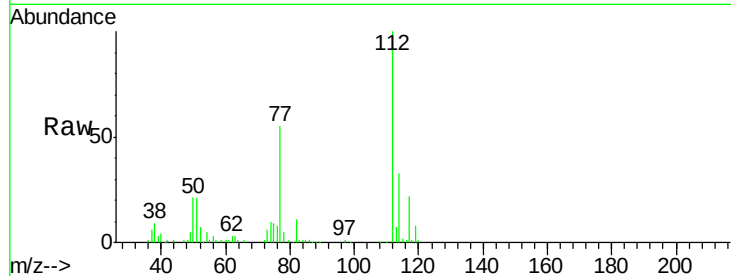




#65
Chlorobenzene
Concen: 21.457 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

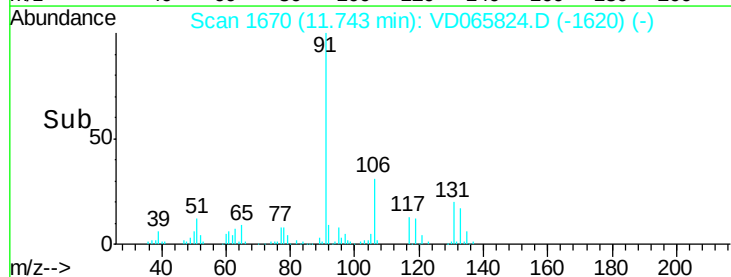
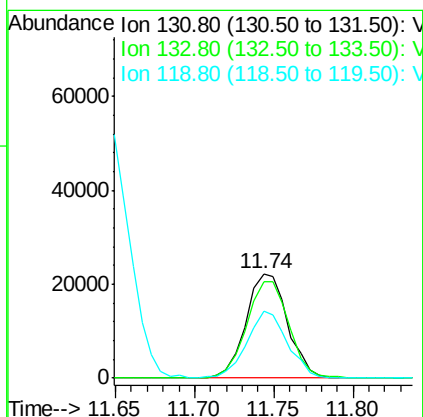
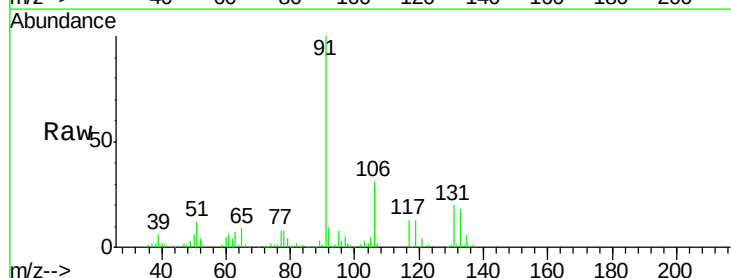
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

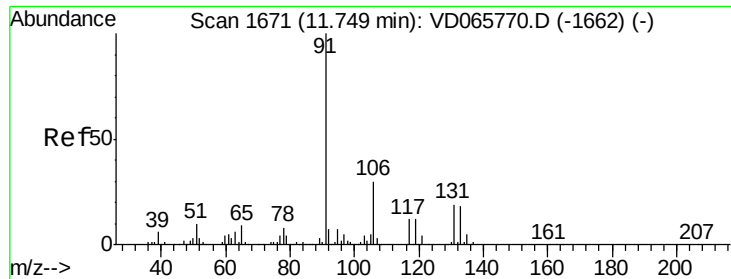
Tgt Ion:112 Resp: 108515
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.436 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion:131 Resp: 40410
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 62.4 31.6 94.8

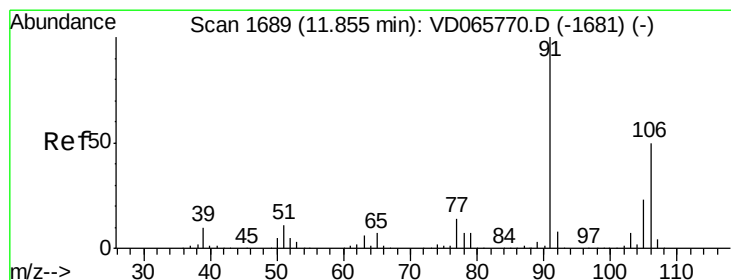
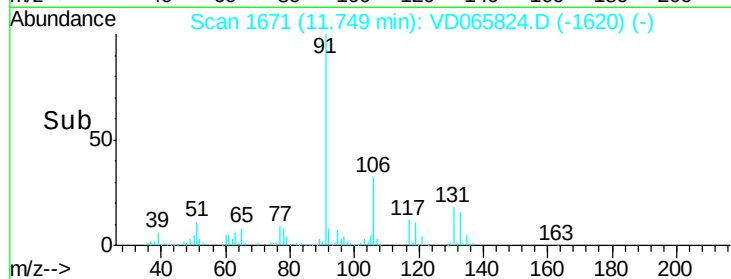
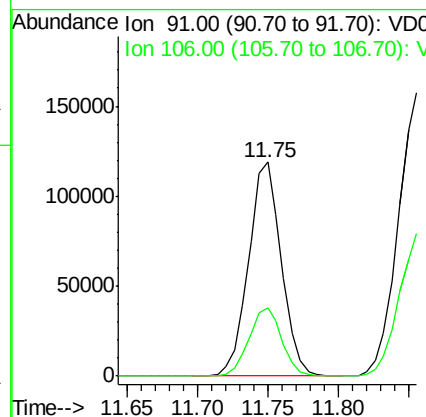
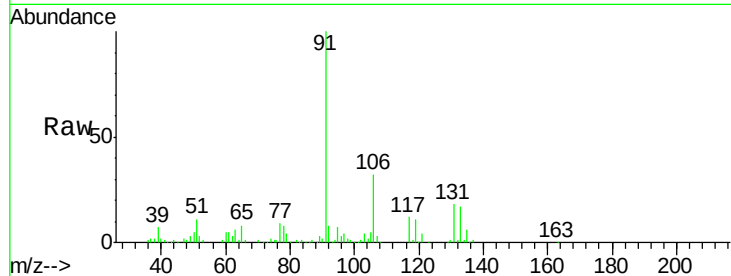




#67
Ethyl Benzene
Concen: 21.484 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

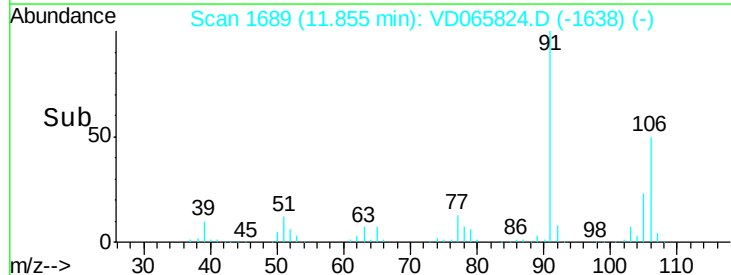
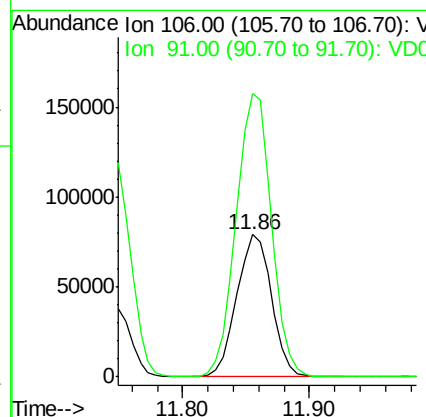
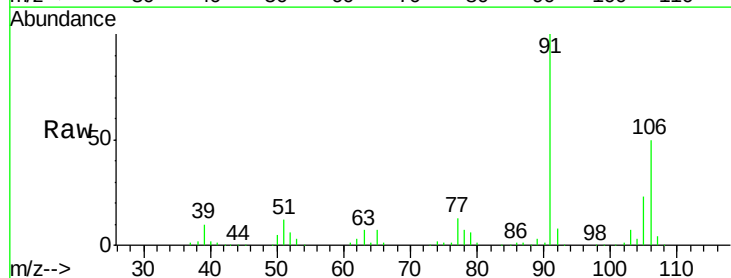
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

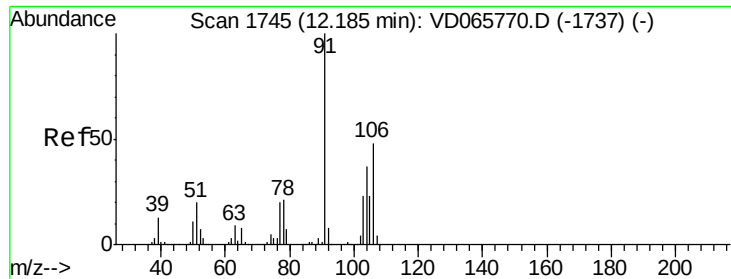
Tgt Ion: 91 Resp: 194099
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1



#68
m/p-Xylenes
Concen: 43.181 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 106 Resp: 150270
Ion Ratio Lower Upper
106 100
91 202.0 159.4 239.2

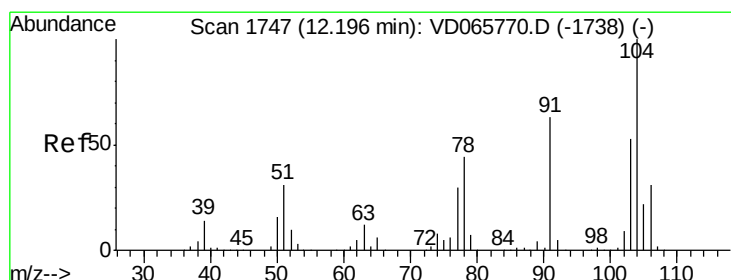
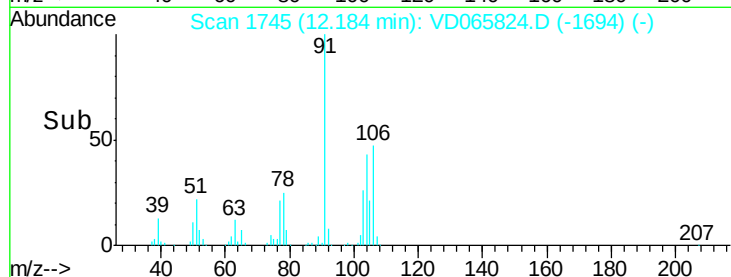
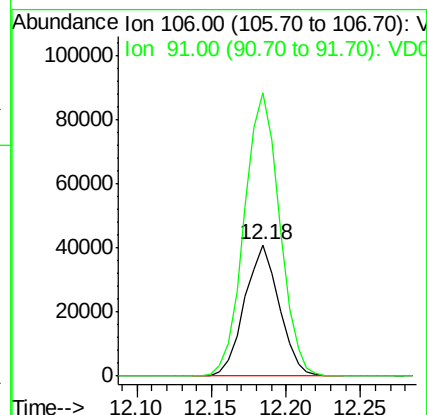
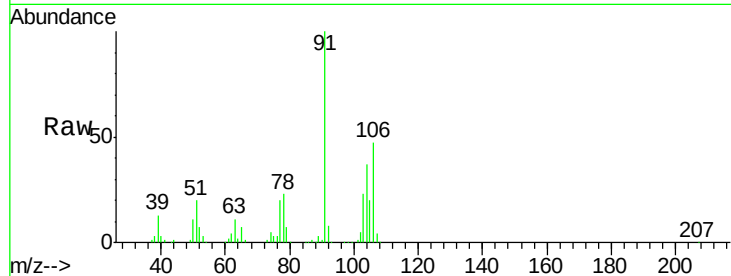




#69
o-Xylene
Concen: 21.020 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

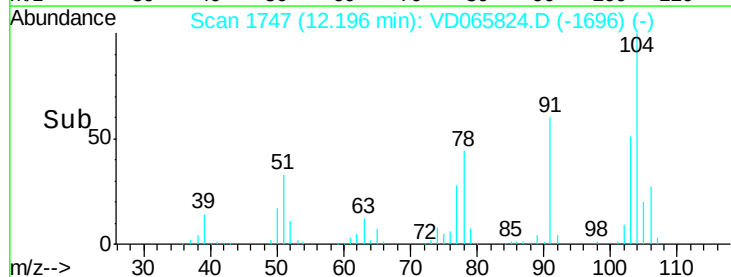
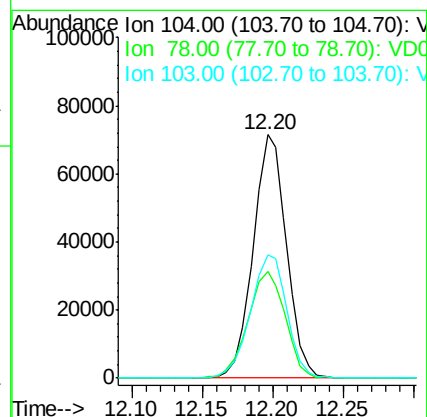
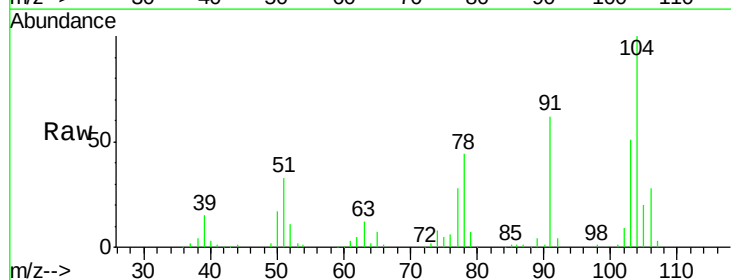
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

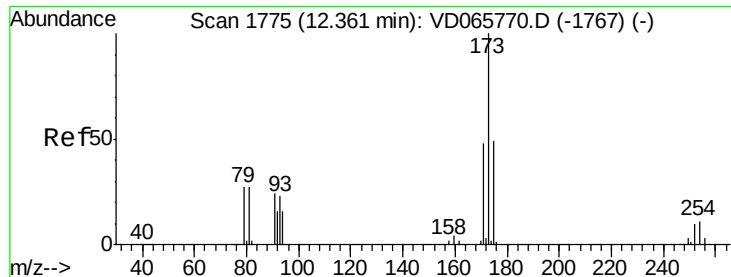
Tgt Ion:106 Resp: 65953
Ion Ratio Lower Upper
106 100
91 220.0 105.3 315.8



#70
Styrene
Concen: 21.832 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion:104 Resp: 118585
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 55.4 43.9 65.9

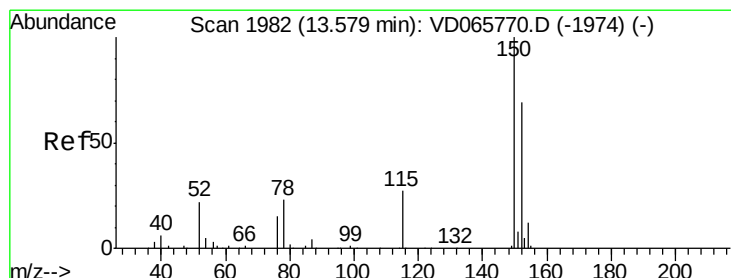
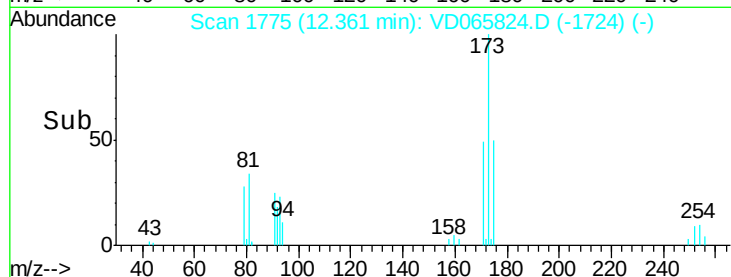
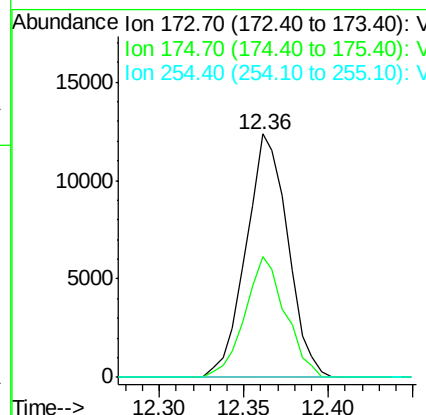
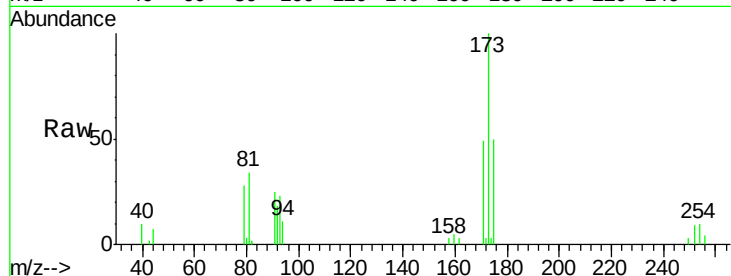




#71
Bromoform
Concen: 20.493 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

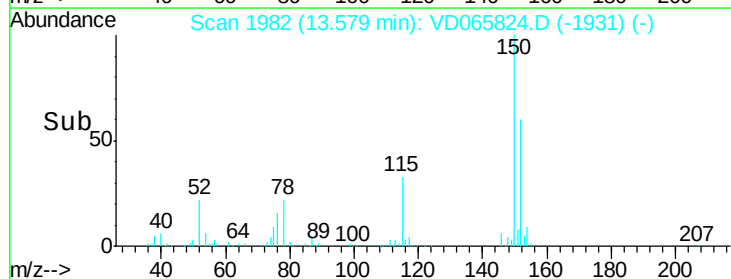
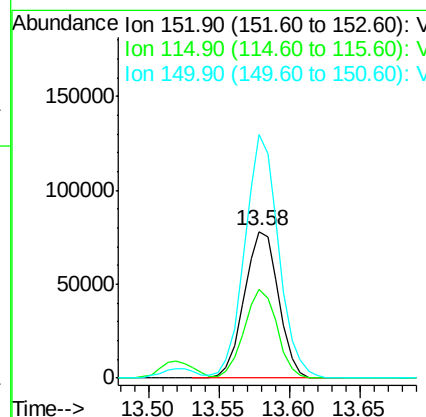
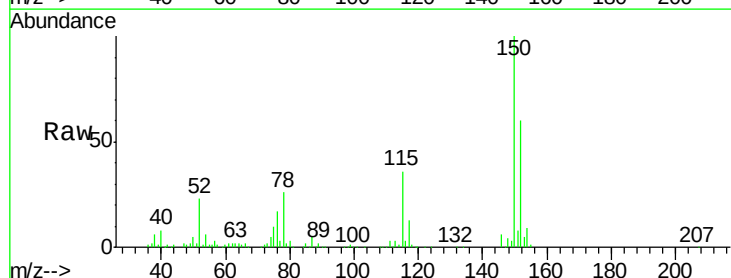
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

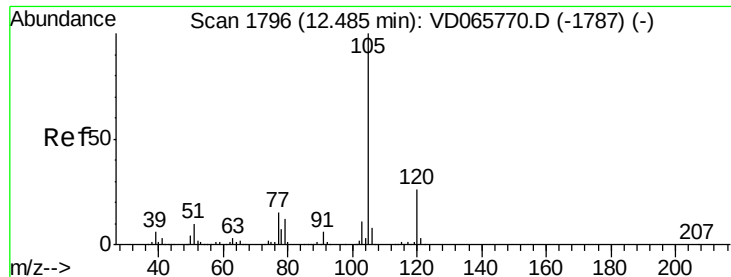
Tgt Ion:173 Resp: 21274
Ion Ratio Lower Upper
173 100
175 47.9 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion:152 Resp: 133030
Ion Ratio Lower Upper
152 100
115 58.1 28.7 86.1
150 163.3 0.0 348.0

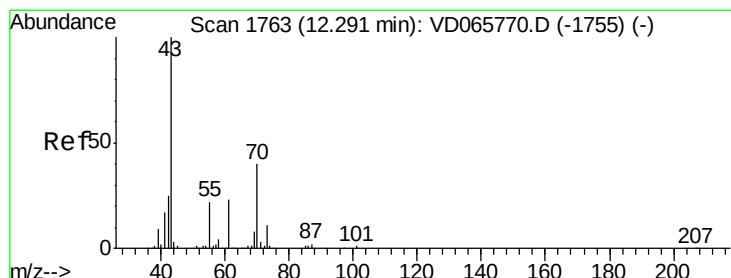
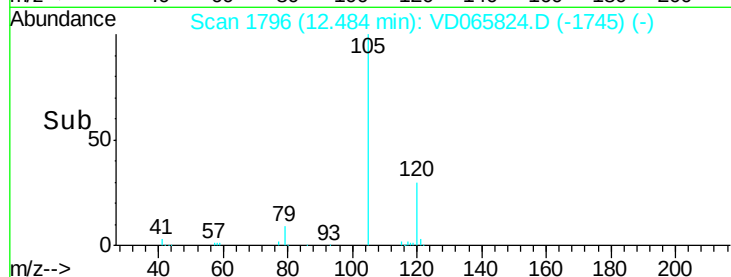
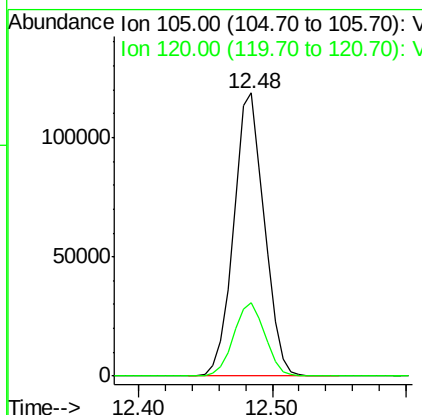
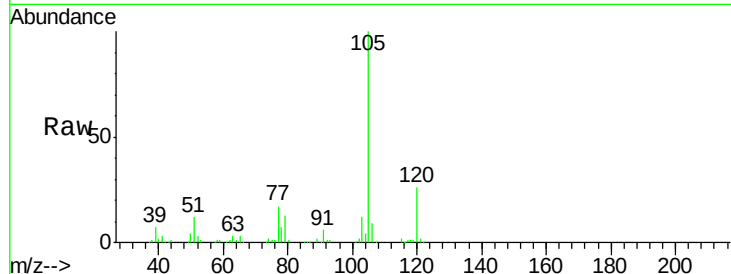




#73
Isopropylbenzene
Concen: 21.129 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

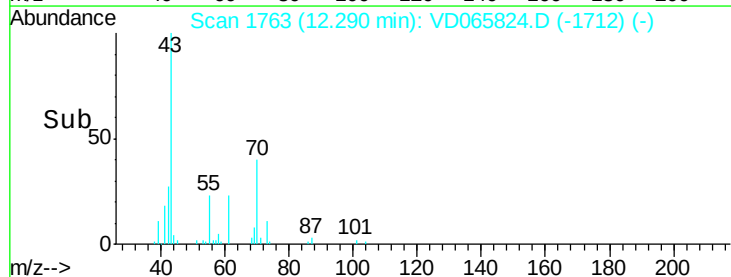
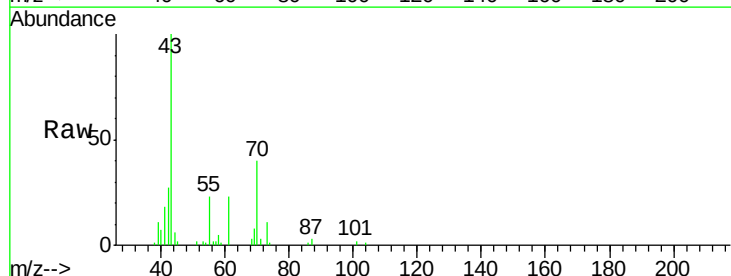
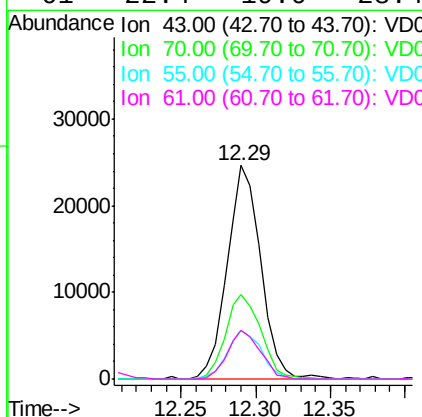
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

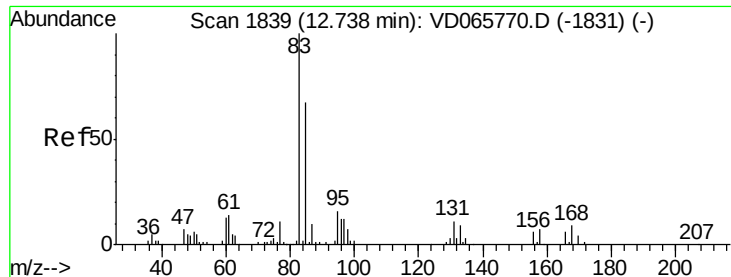
Tgt Ion:105 Resp: 188457
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5



#74
N-ethyl acetate
Concen: 19.552 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 43 Resp: 38797
Ion Ratio Lower Upper
43 100
70 41.5 32.3 48.5
55 23.0 19.0 28.4
61 22.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

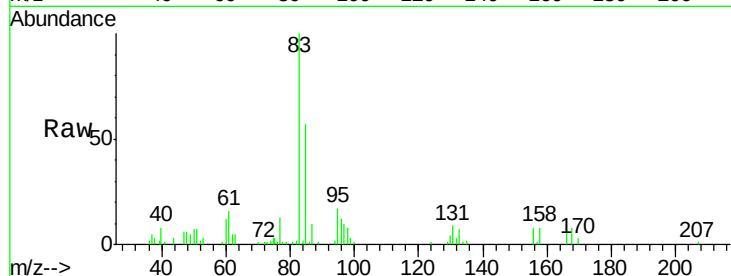
Tgt Ion: 83 Resp: 31307

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

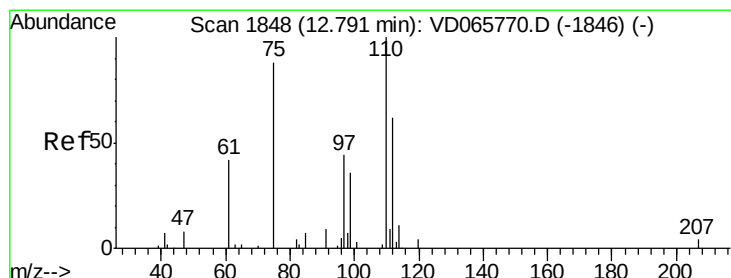
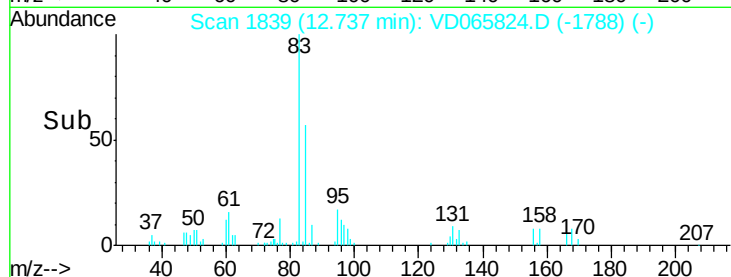
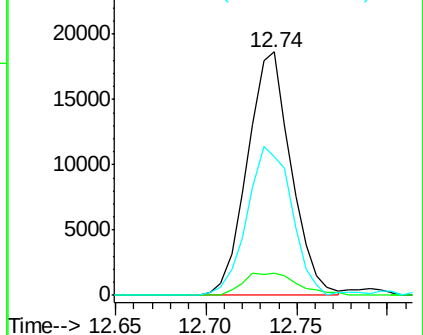
85 62.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.220 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065824.D

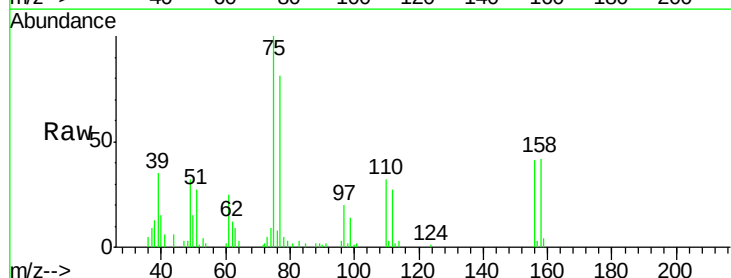
Acq: 19 Jun 2020 13:07

Tgt Ion: 75 Resp: 40577

Ion Ratio Lower Upper

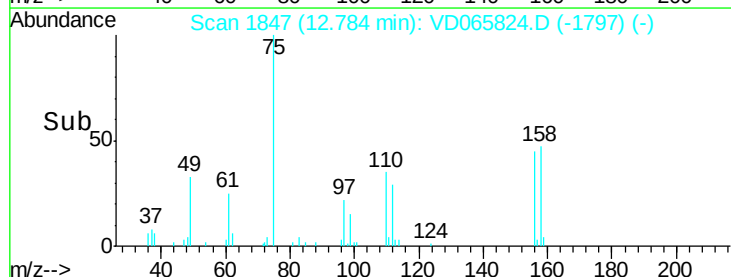
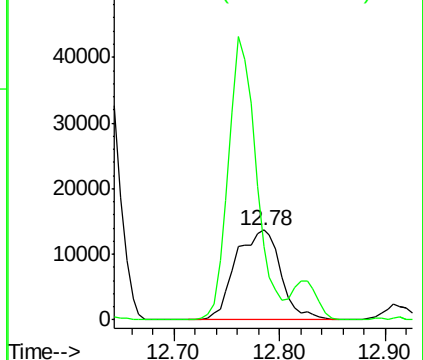
75 100

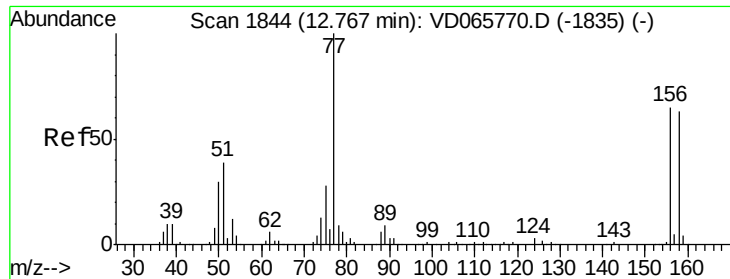
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.133 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

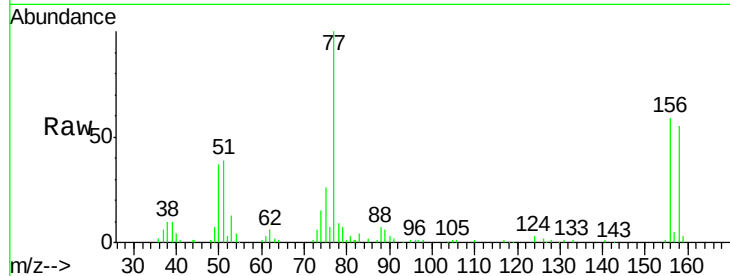
Tgt Ion:156 Resp: 44596

Ion Ratio Lower Upper

156 100

77 177.0 87.3 261.8

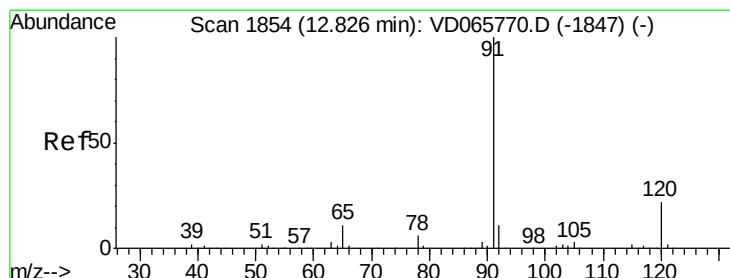
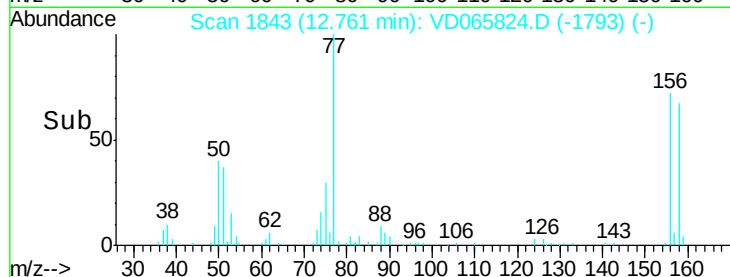
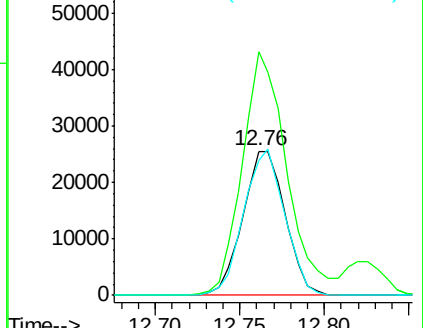
158 98.3 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.505 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065824.D

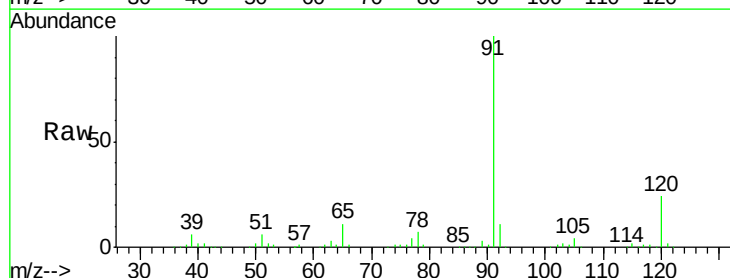
Acq: 19 Jun 2020 13:07

Tgt Ion: 91 Resp: 230885

Ion Ratio Lower Upper

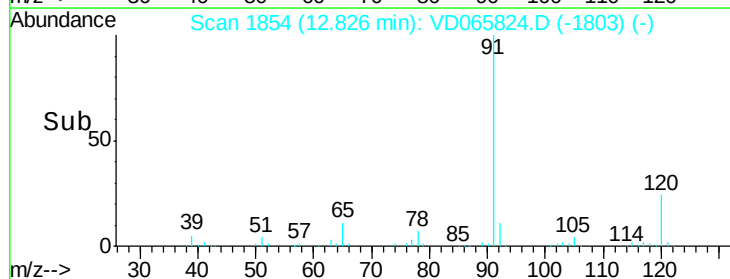
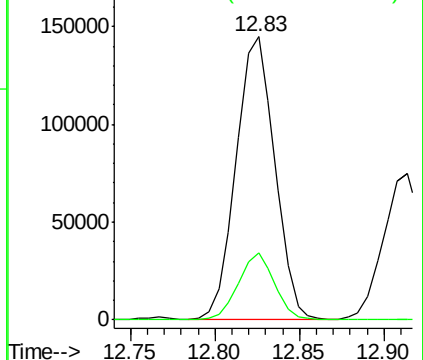
91 100

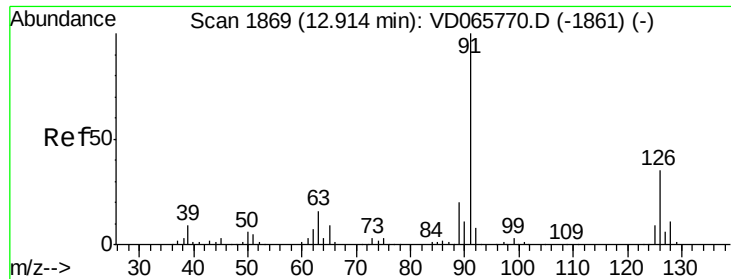
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

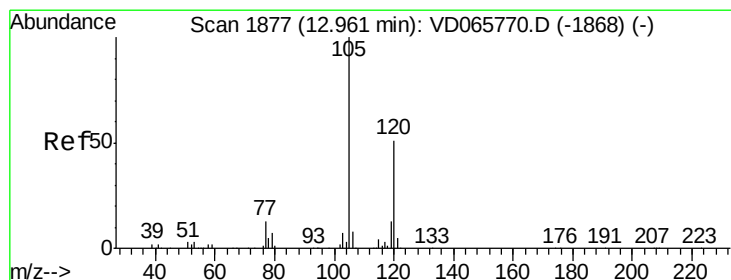
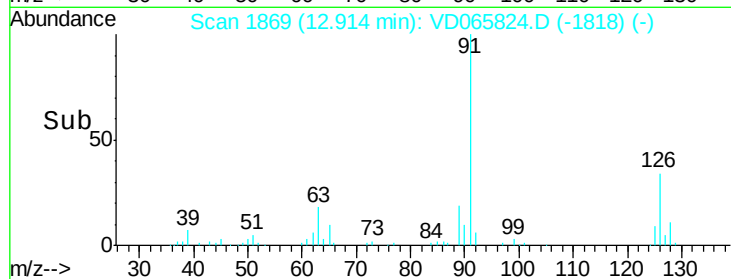
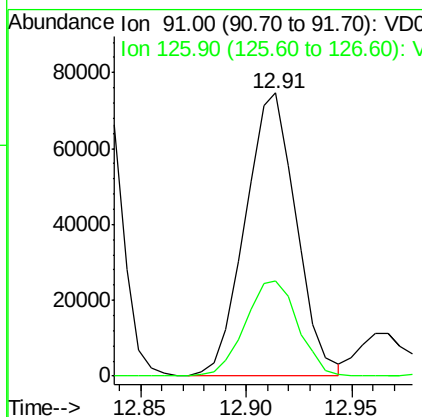
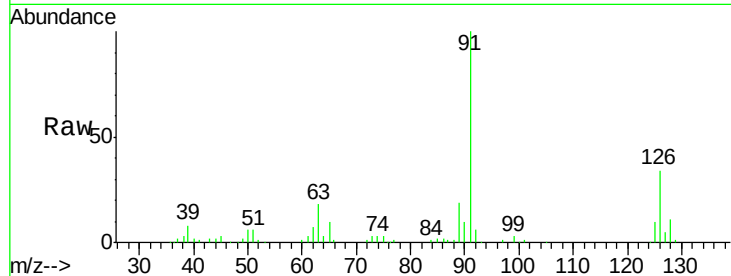




#79
 2-Chlorotoluene
 Concen: 21.173 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

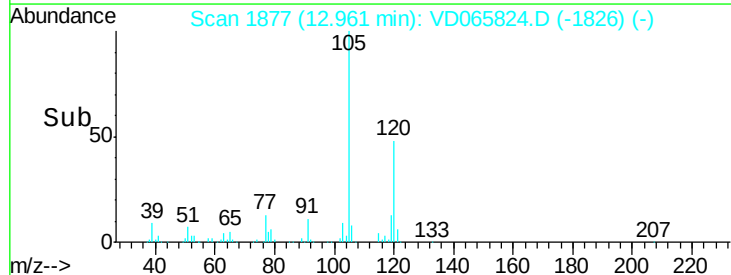
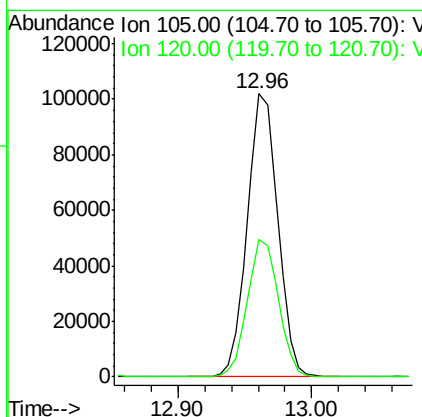
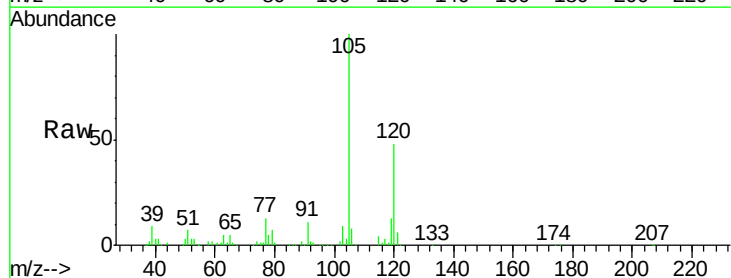
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

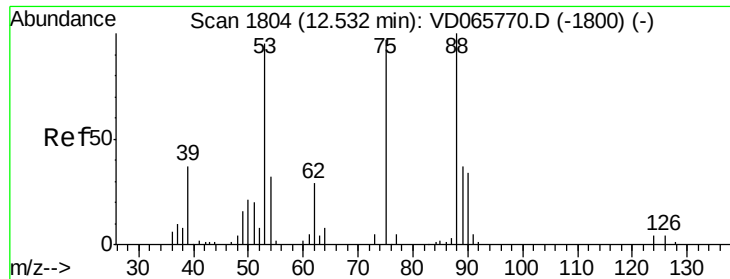
Tgt Ion: 91 Resp: 124705
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.655 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 105 Resp: 160728
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.527 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

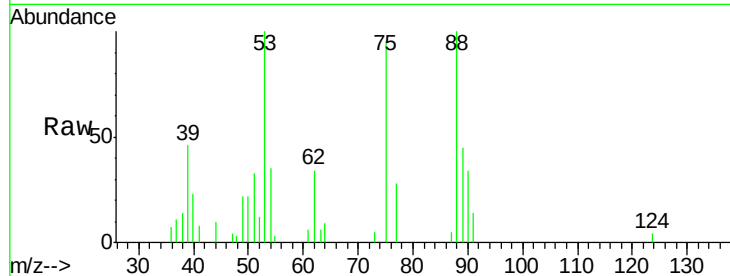
Tgt Ion: 75 Resp: 9829

Ion Ratio Lower Upper

75 100

53 105.3 82.6 123.8

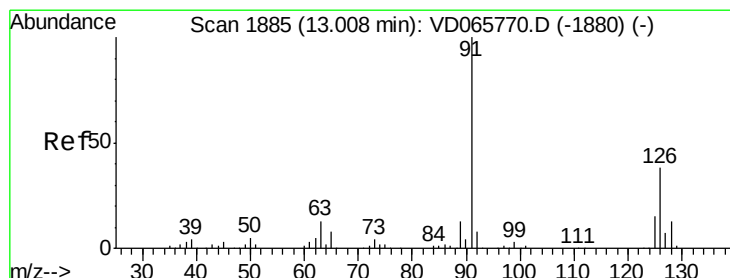
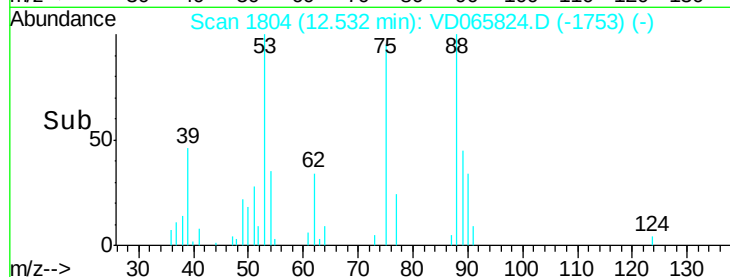
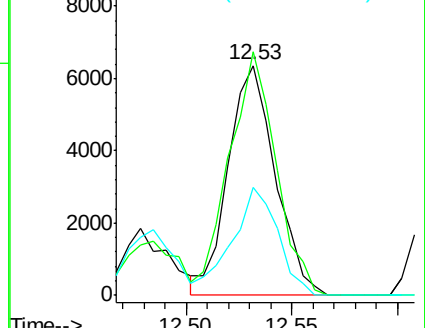
89 46.0 35.9 53.9



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: 21.330 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065824.D

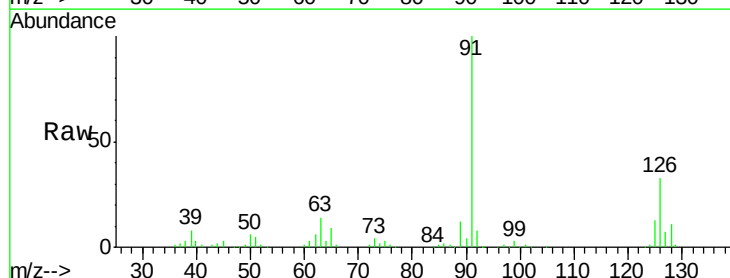
Acq: 19 Jun 2020 13:07

Tgt Ion: 91 Resp: 134844

Ion Ratio Lower Upper

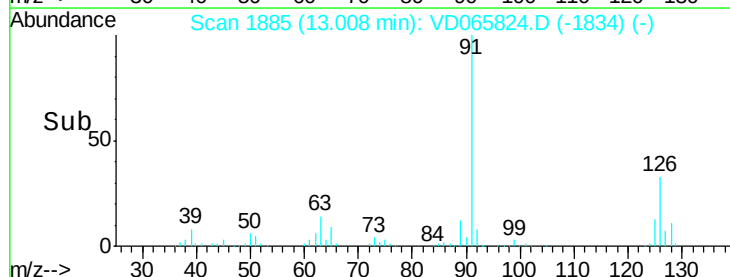
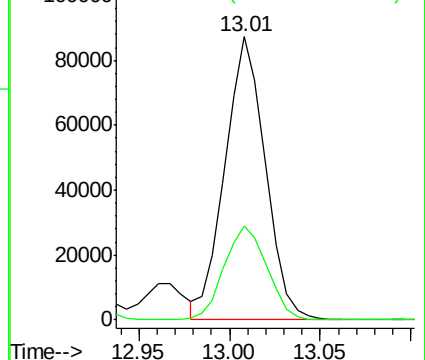
91 100

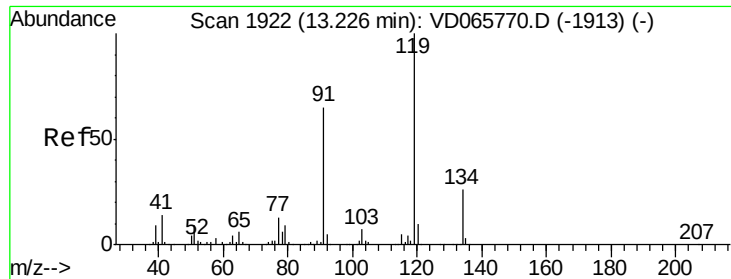
126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

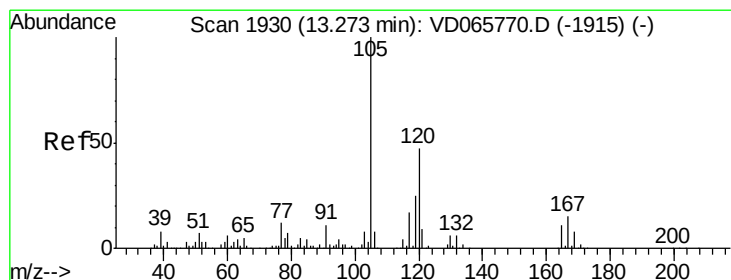
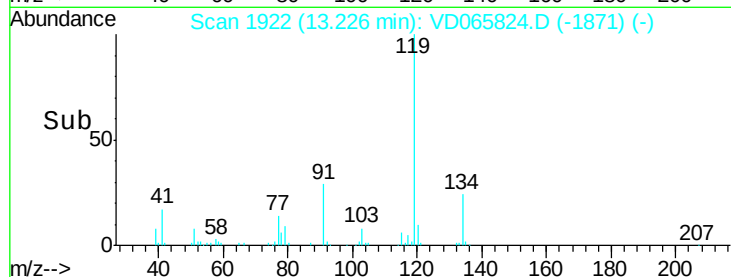
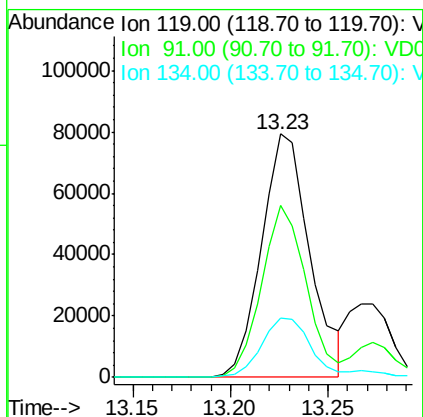
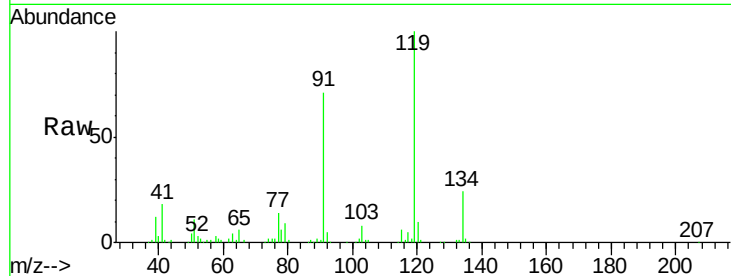




#83
 tert-Butylbenzene
 Concen: 21.092 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

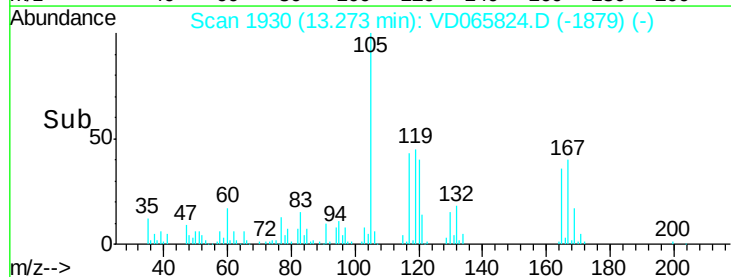
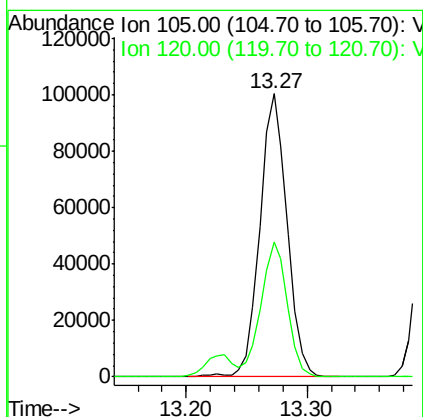
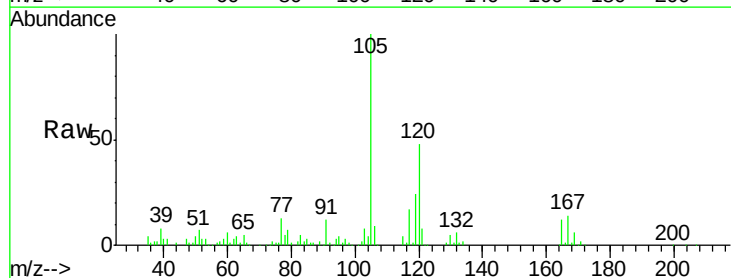
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

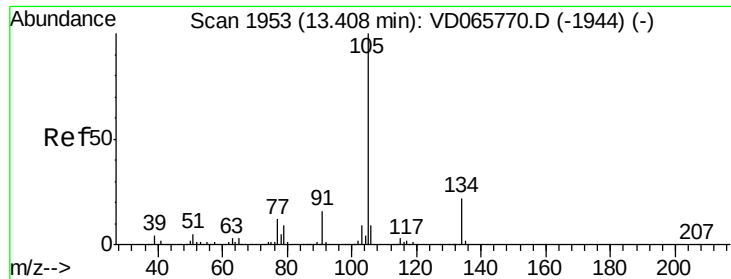
Tgt Ion:119 Resp: 135838
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.0 96.0
 134 26.4 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.123 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion:105 Resp: 156927
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8

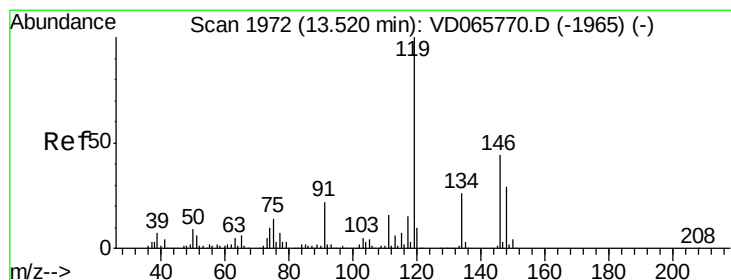
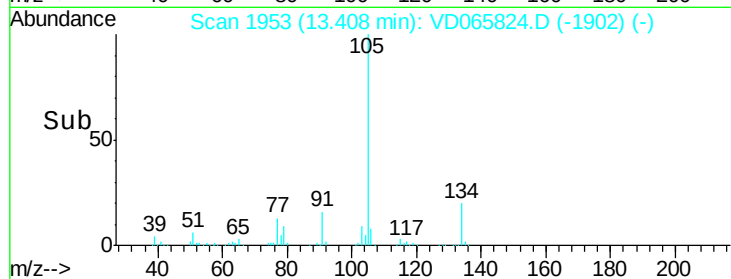
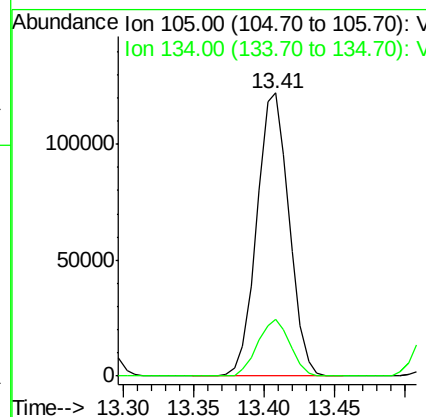
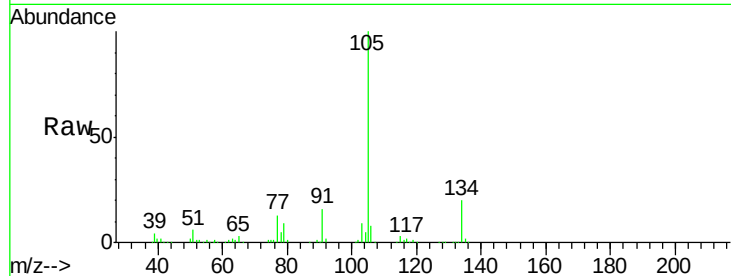




#85
 sec-Butylbenzene
 Concen: 21.890 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

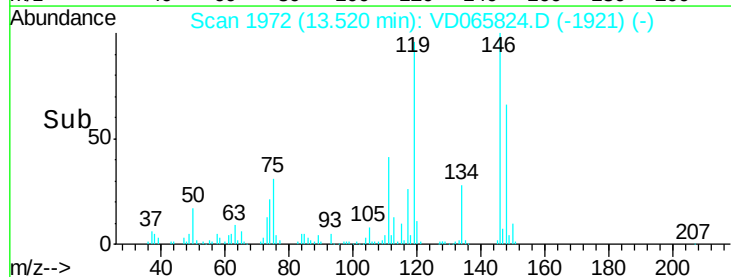
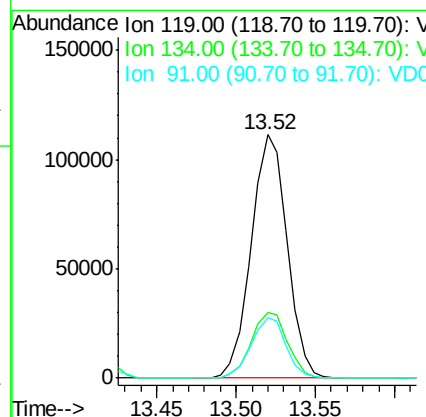
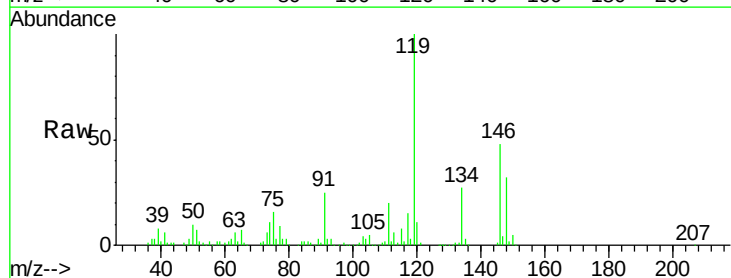
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

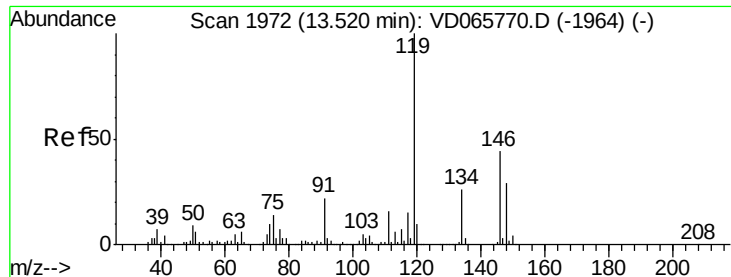
Tgt Ion:105 Resp: 196189
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 21.390 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion:119 Resp: 175718
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.9
 91 24.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.717 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

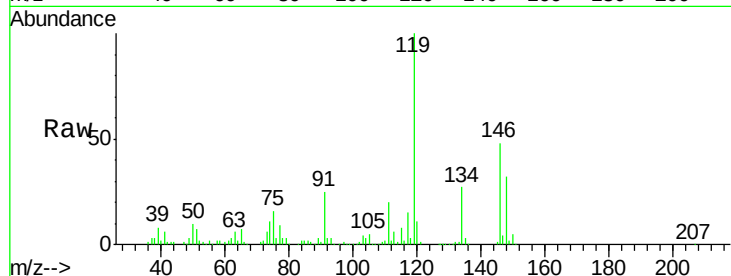
Tgt Ion:146 Resp: 86204

Ion Ratio Lower Upper

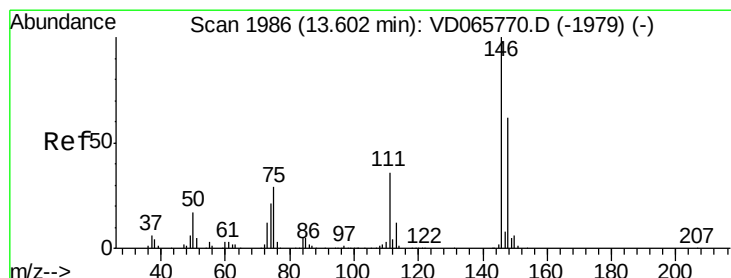
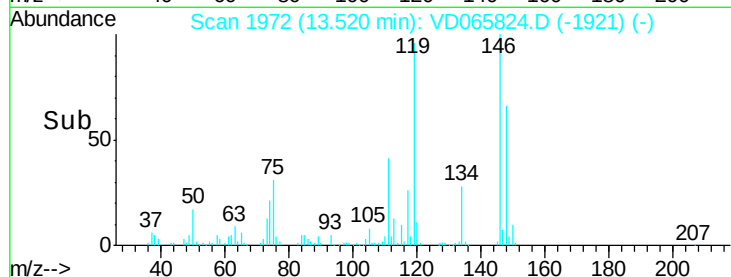
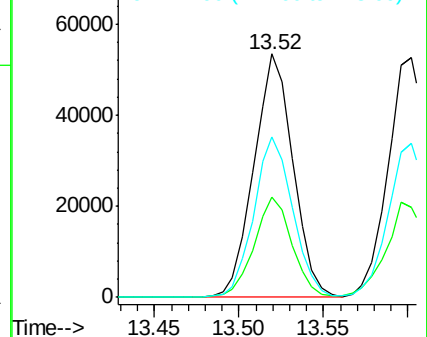
146 100

111 39.7 19.2 57.6

148 65.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 21.223 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

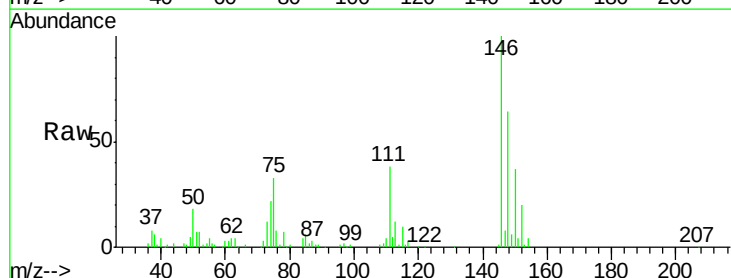
Tgt Ion:146 Resp: 87845

Ion Ratio Lower Upper

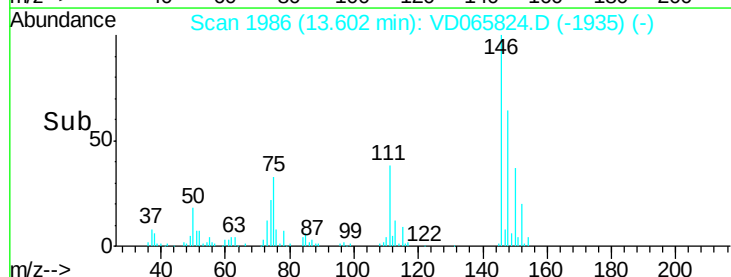
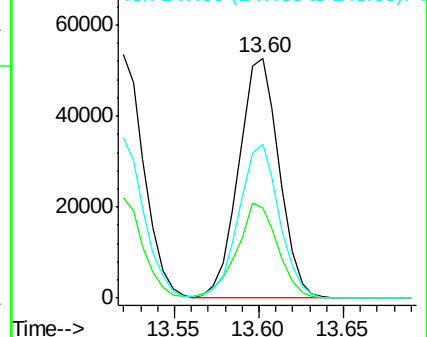
146 100

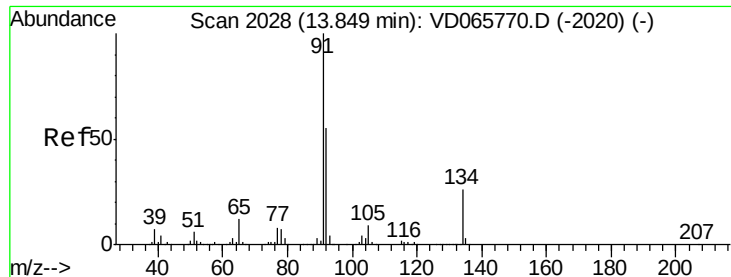
111 40.1 18.9 56.7

148 64.2 31.6 94.7



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

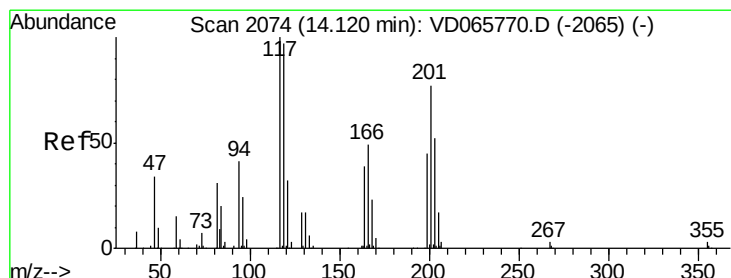
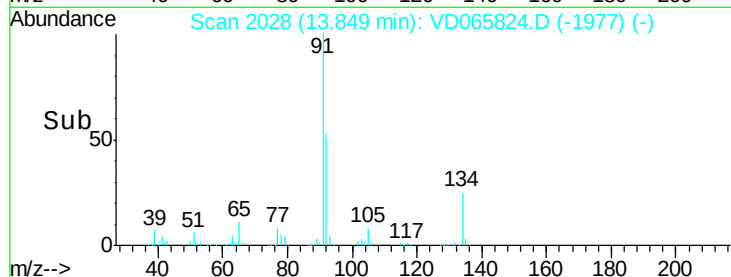
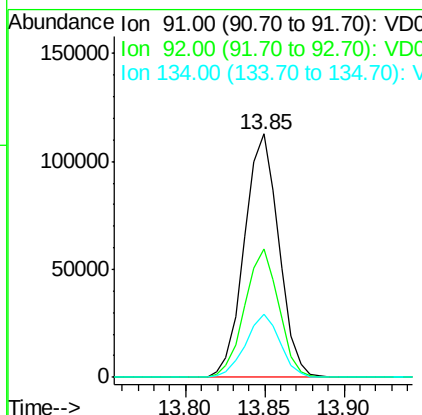
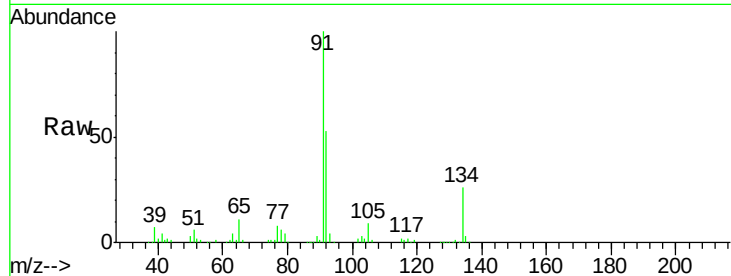




#89
n-Butylbenzene
Concen: 21.766 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

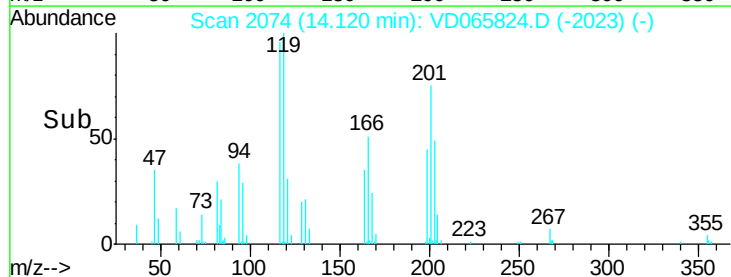
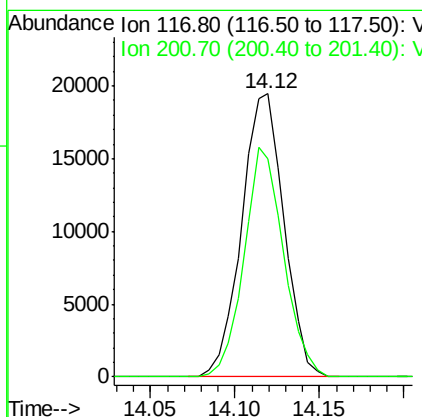
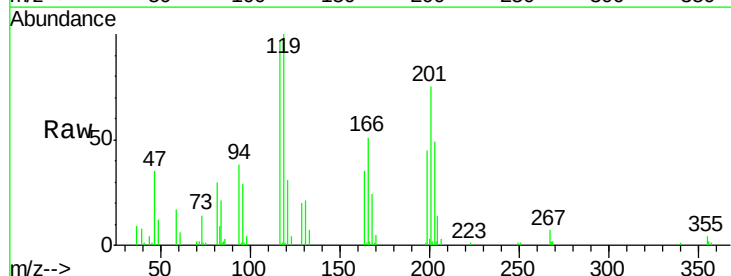
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

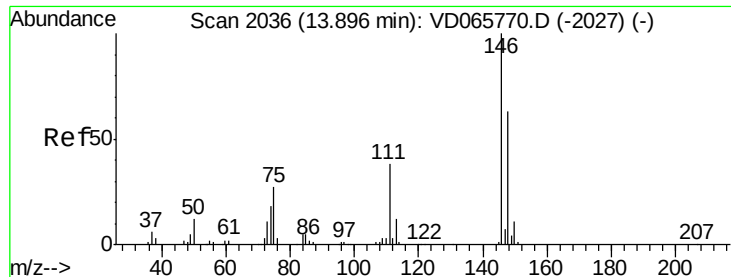
Tgt Ion: 91 Resp: 170528
Ion Ratio Lower Upper
91 100
92 52.0 27.0 81.0
134 25.6 13.0 39.0



#90
Hexachloroethane
Concen: 20.605 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Tgt Ion: 117 Resp: 33881
Ion Ratio Lower Upper
117 100
201 75.9 37.1 111.5

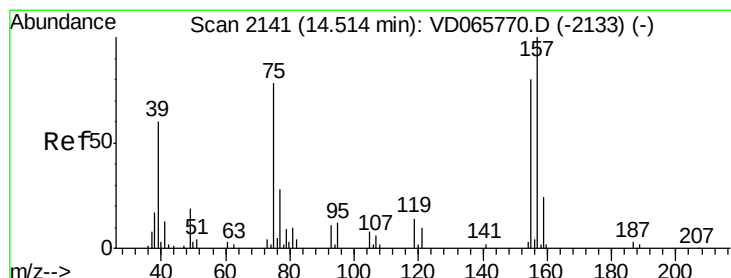
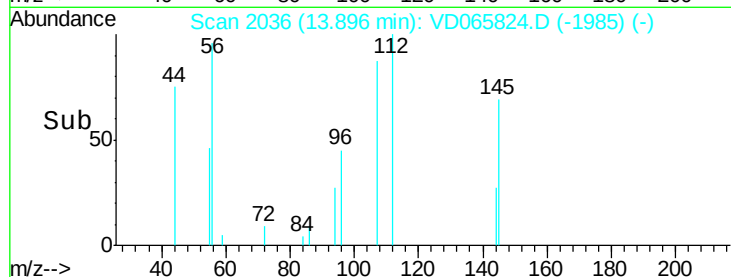
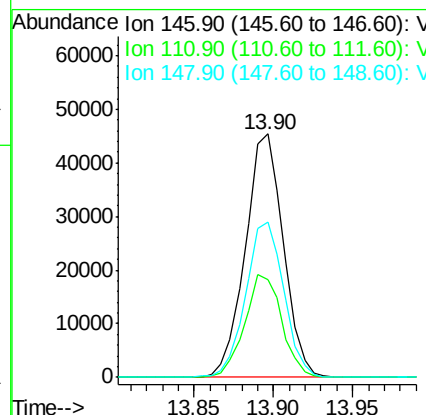
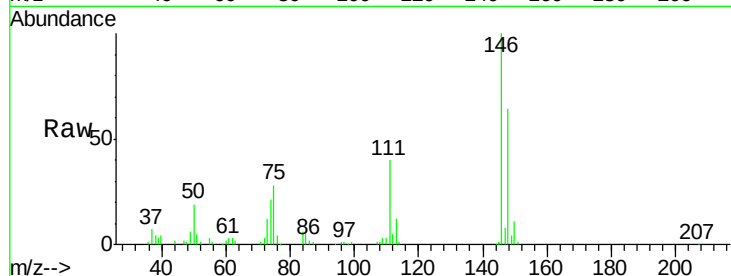




#91
 1,2-Dichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

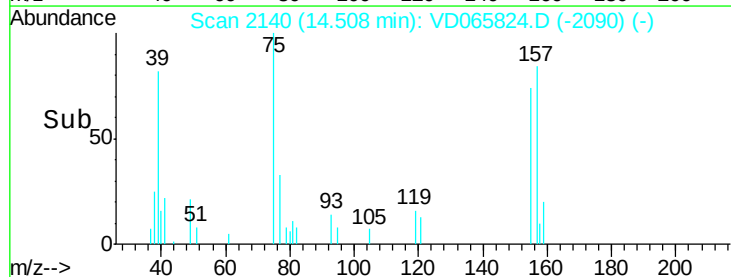
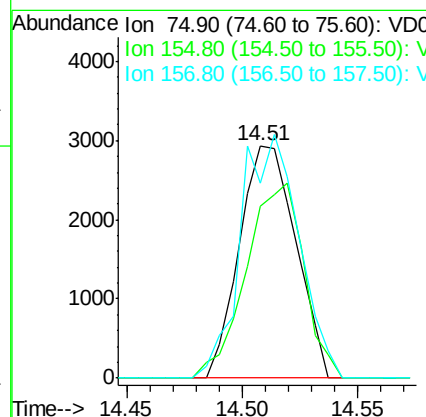
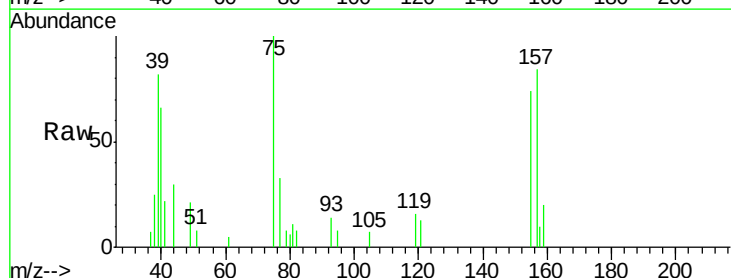
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

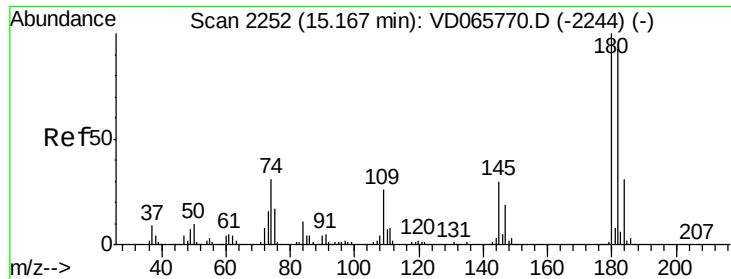
Tgt Ion:146 Resp: 75533
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.4
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.905 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion: 75 Resp: 4990
 Ion Ratio Lower Upper
 75 100
 155 85.8 46.3 138.9
 157 108.0 58.1 174.3

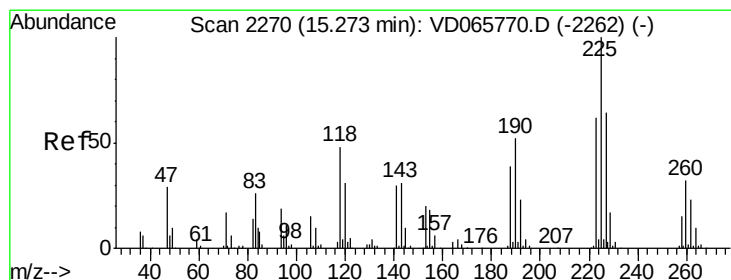
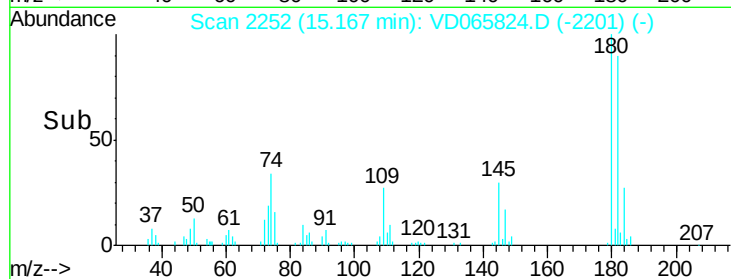
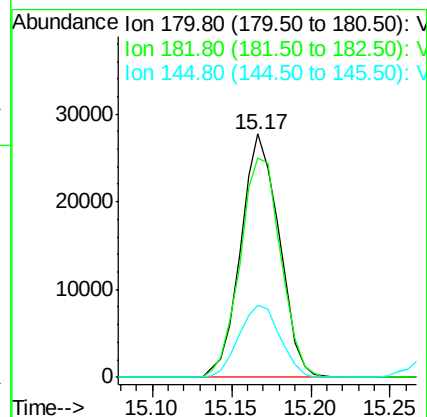
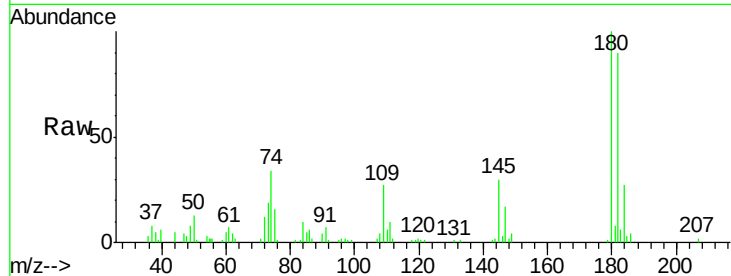




#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

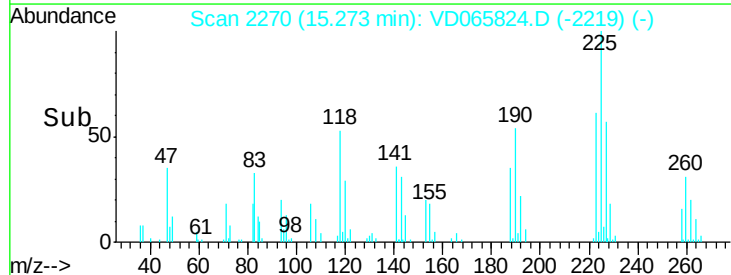
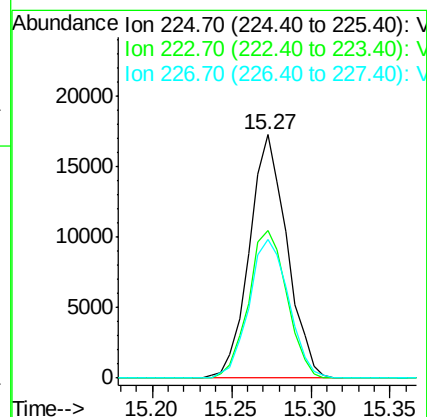
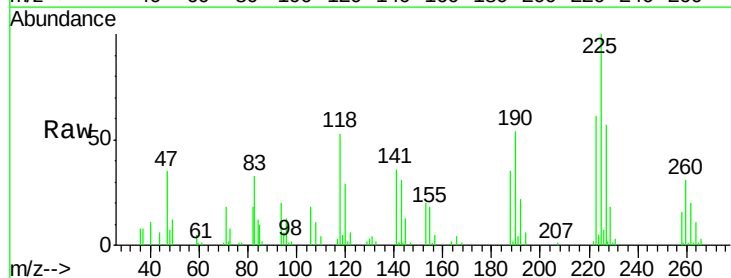
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

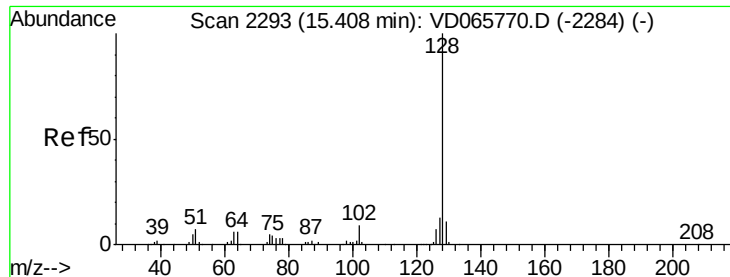
Tgt Ion:180 Resp: 46623
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.2
 145 31.6 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 19.324 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

Tgt Ion:225 Resp: 28443
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.7
 227 60.1 31.9 95.7





#95

Naphthalene

Concen: 18.455 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

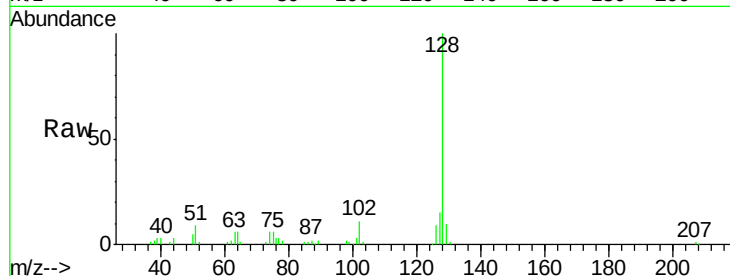
Tgt Ion:128 Resp: 76114

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

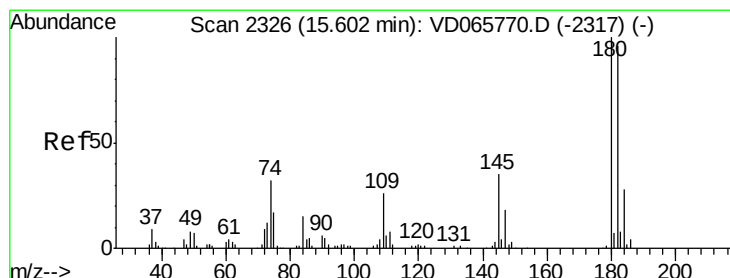
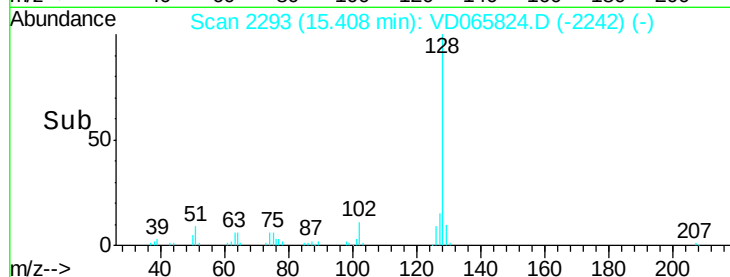
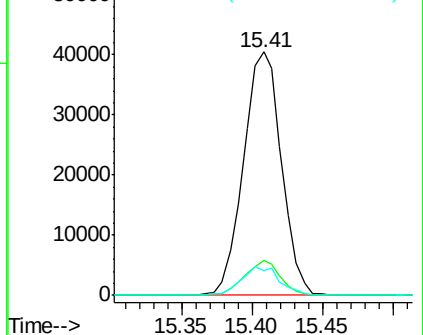
129 11.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.987 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

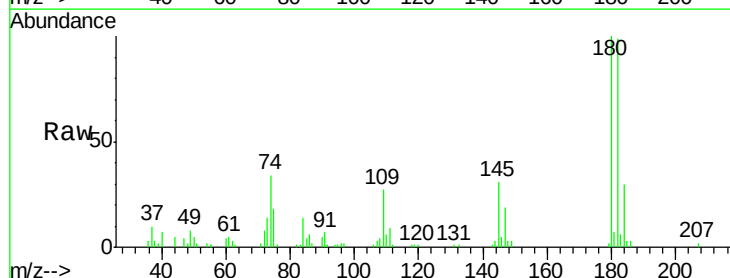
Tgt Ion:180 Resp: 39815

Ion Ratio Lower Upper

180 100

182 99.9 47.0 141.2

145 32.0 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

