

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 01:39:15 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

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 01:39:15 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)
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	22356m	21.608	ug/l	
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

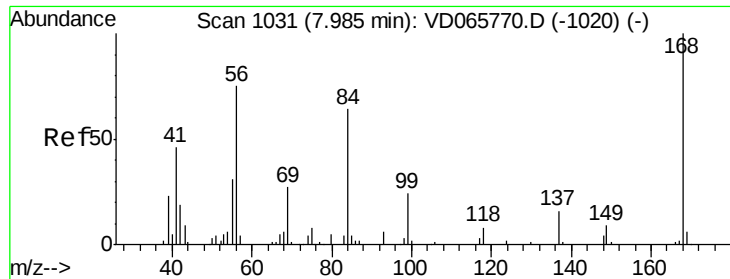
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061920\
Data File : VD065824.D
Acq On : 19 Jun 2020 13:07
Operator : VA/SY
Sample : VD0619SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Quant Time: Jun 20 01:39:15 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 :

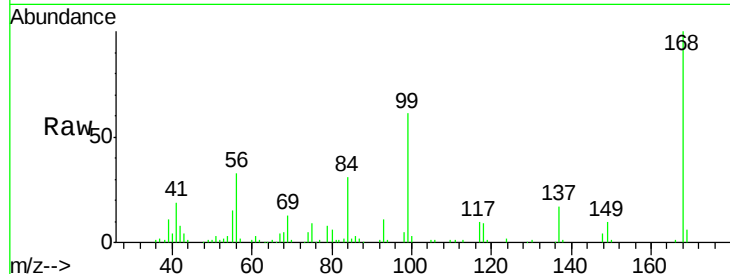
VD0619SBS01

Tot Ion:168 Resp: 177441

Ion Ratio Lower Upper

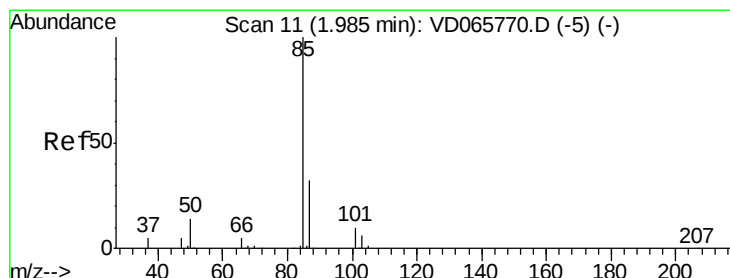
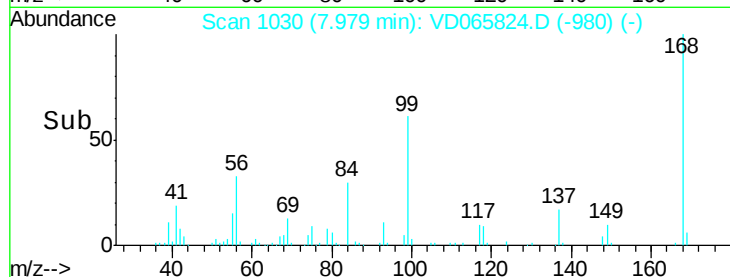
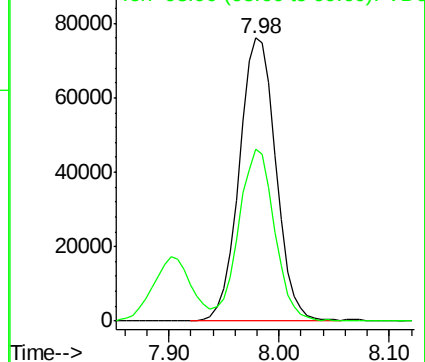
168 100

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

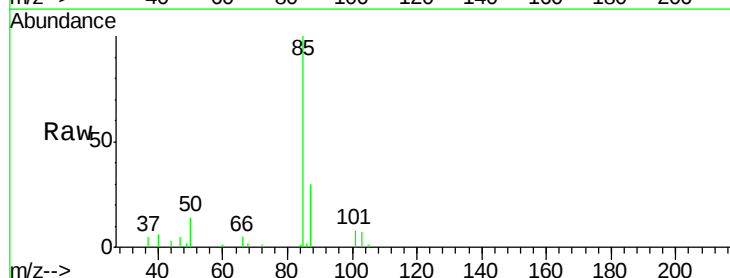
Acq: 19 Jun 2020 13:07

Tgt Ion: 85 Resp: 30560

Ion Ratio Lower Upper

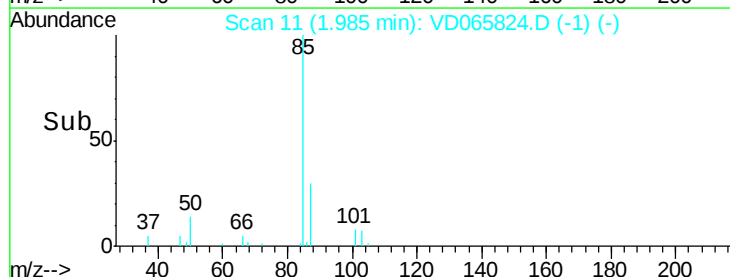
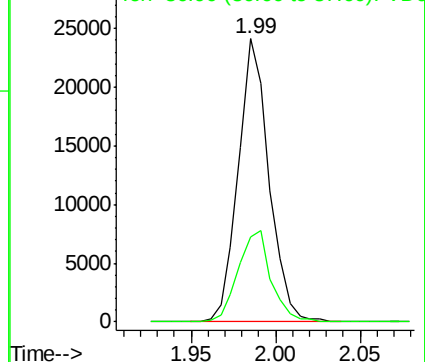
85 100

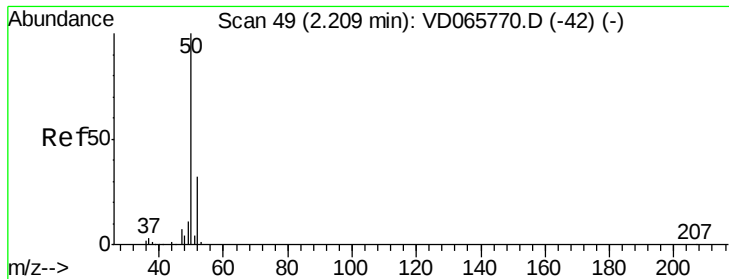
87 29.9 16.2 48.5



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 :

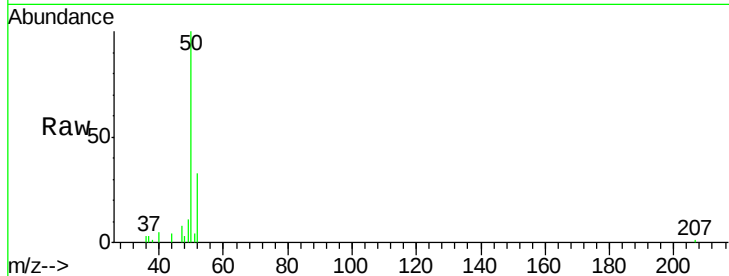
VD0619SBSD01

Tot Ion: 50 Resp: 54932

Ion Ratio Lower Upper

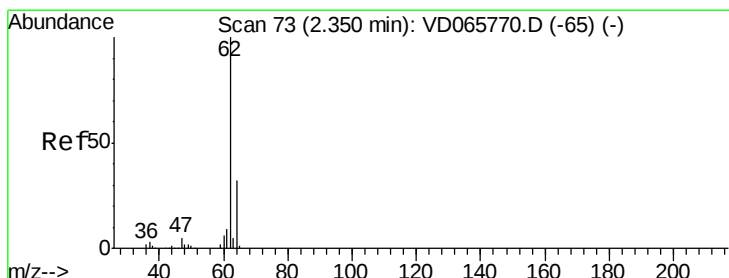
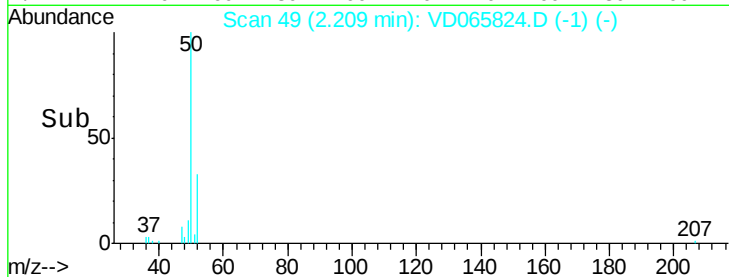
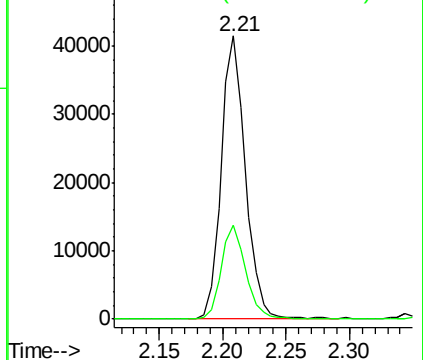
50 100

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

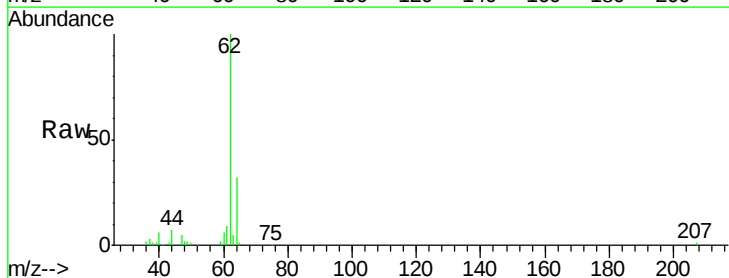
Acq: 19 Jun 2020 13:07

Tgt Ion: 62 Resp: 65742

Ion Ratio Lower Upper

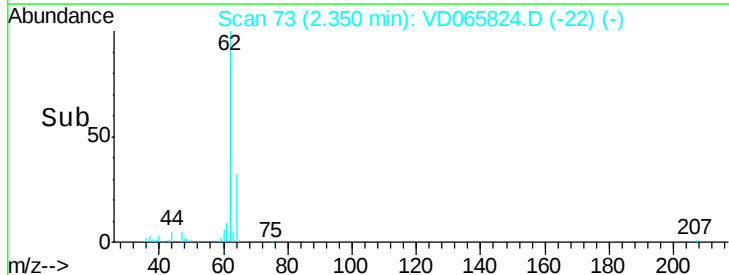
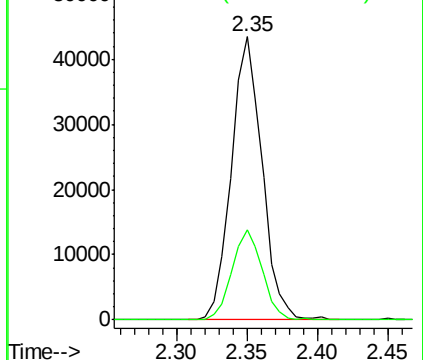
62 100

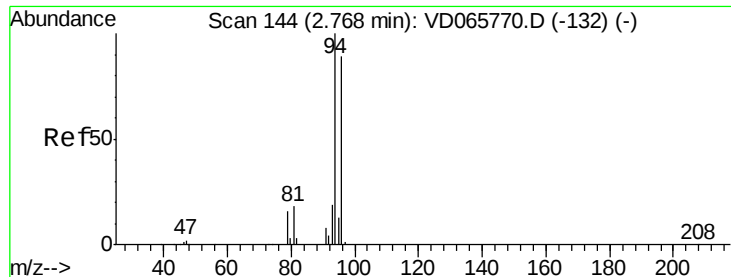
64 32.0 25.3 37.9



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 :

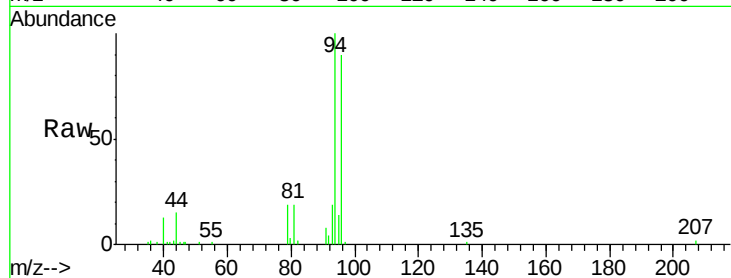
VD0619SBSD01

Tot Ion: 94 Resp: 46008

Ion Ratio Lower Upper

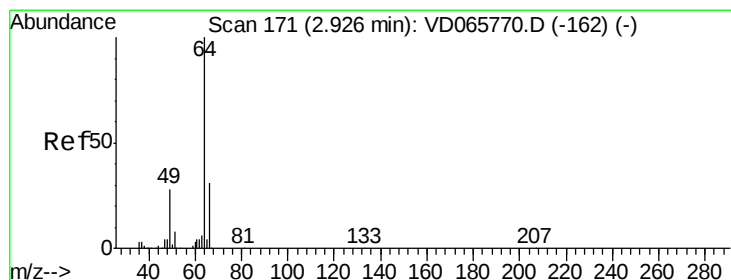
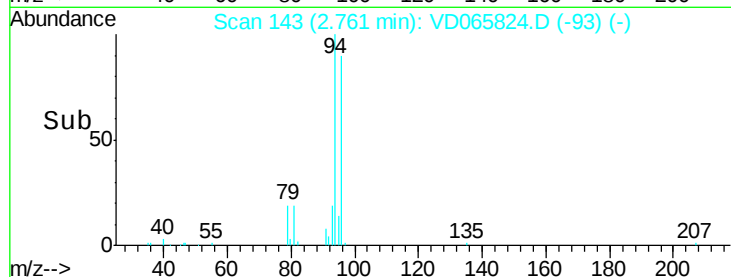
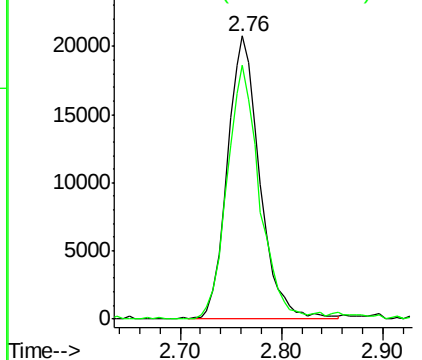
94 100

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

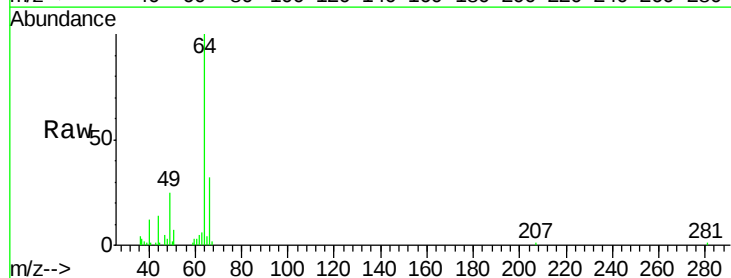
Acq: 19 Jun 2020 13:07

Tgt Ion: 64 Resp: 43910

Ion Ratio Lower Upper

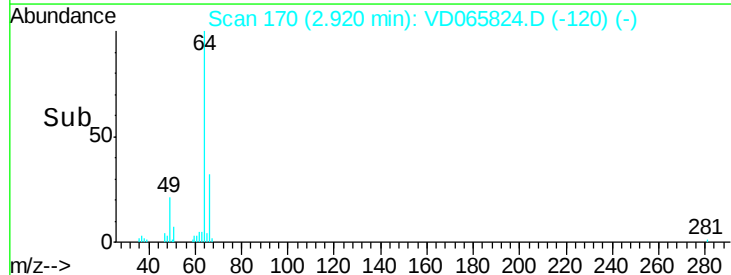
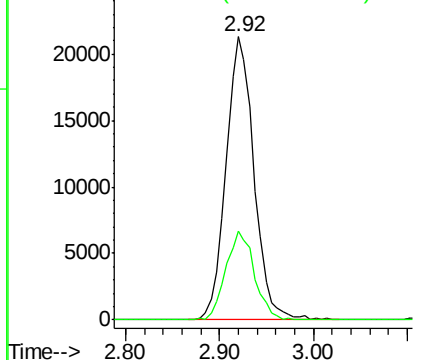
64 100

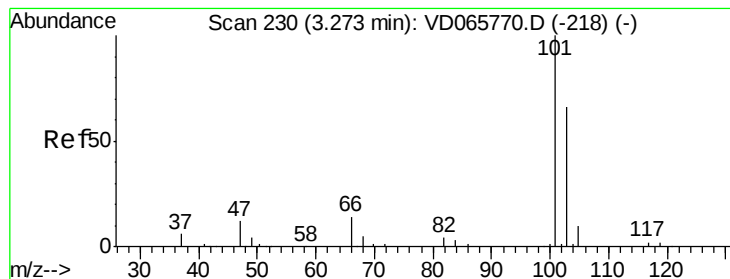
66 31.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



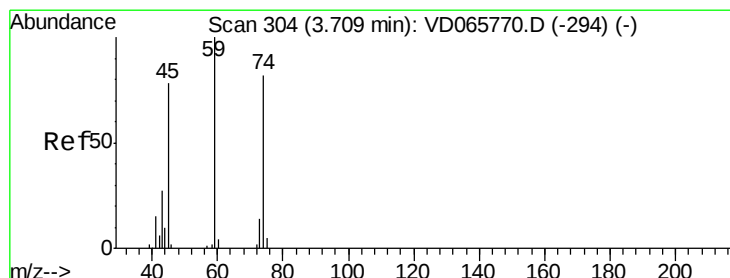
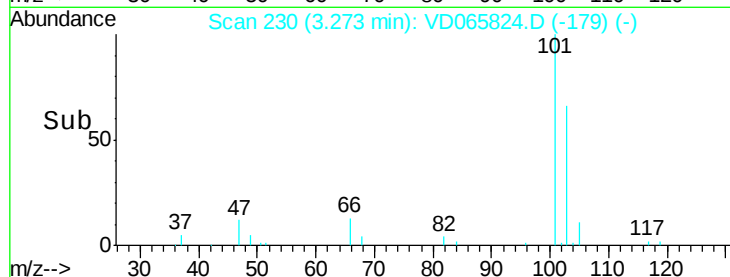
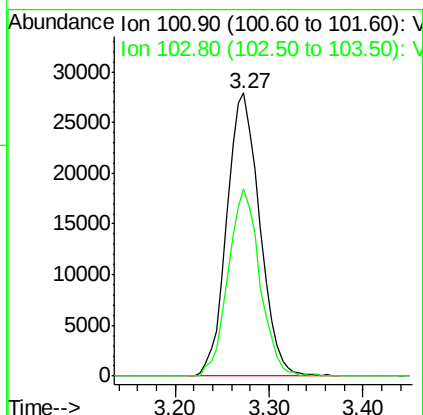
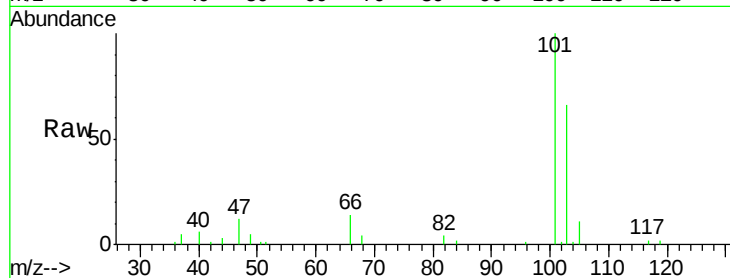


#7

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

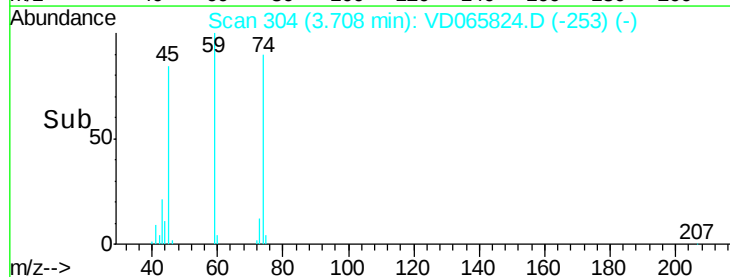
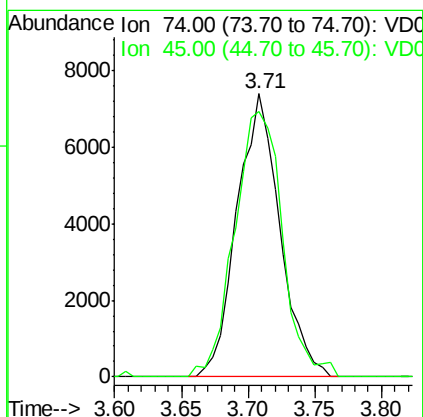
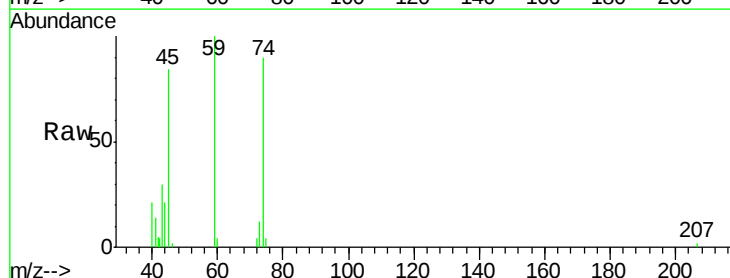
Tot Ion:101 Resp: 67964
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.1 79.7

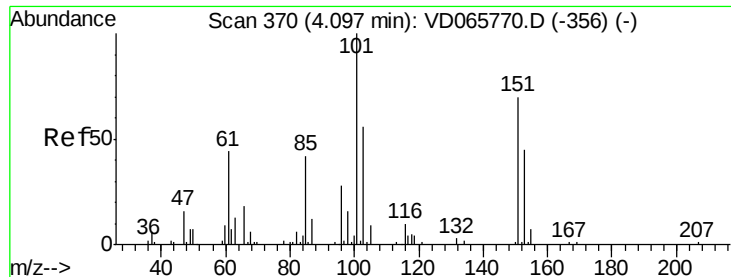


#8

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

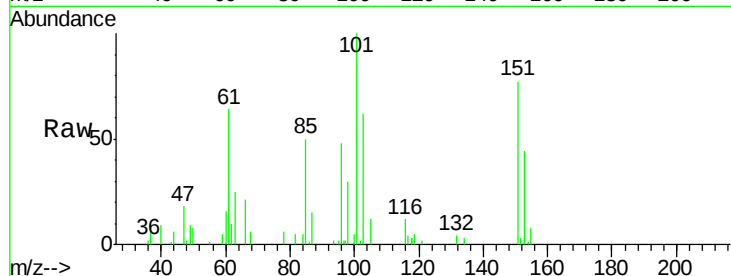
Tot Ion:101 Resp: 38487

Ion Ratio Lower Upper

101 100

85 47.4 36.5 54.7

151 76.2 61.8 92.6



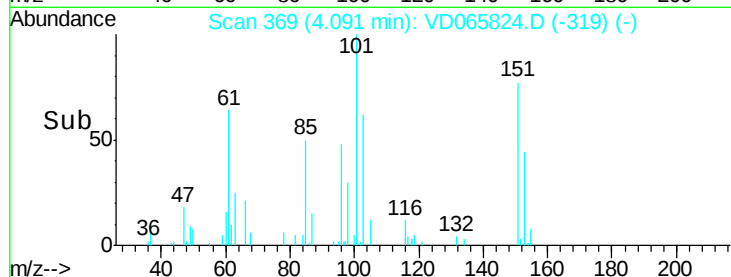
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

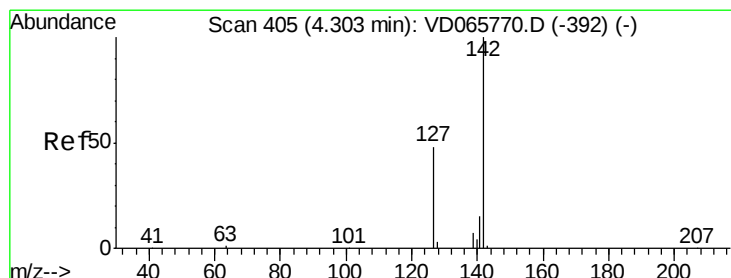
Time-->

4.09



Time-->

4.09



#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

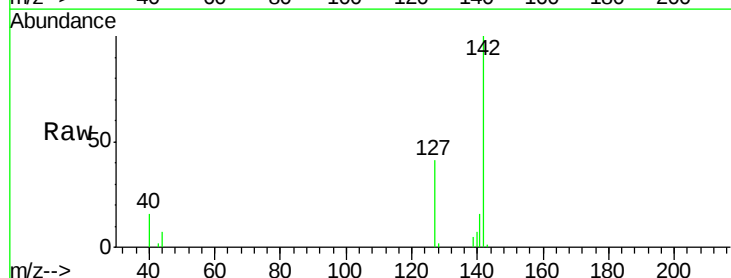
Tgt Ion:142 Resp: 35644

Ion Ratio Lower Upper

142 100

127 45.3 37.6 56.4

141 14.5 12.1 18.1



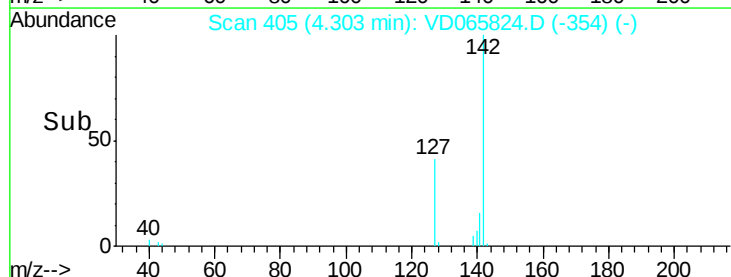
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

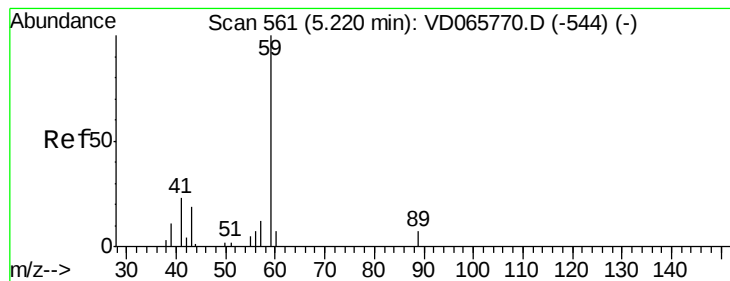
Time-->

4.30



Time-->

4.30

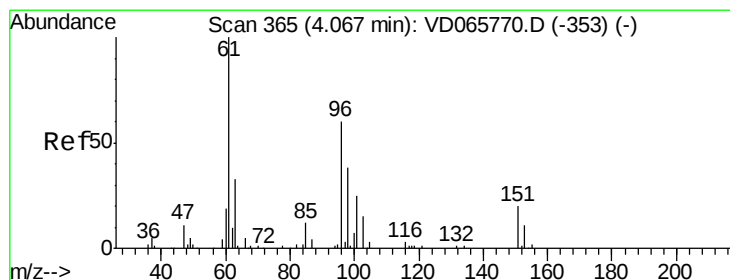
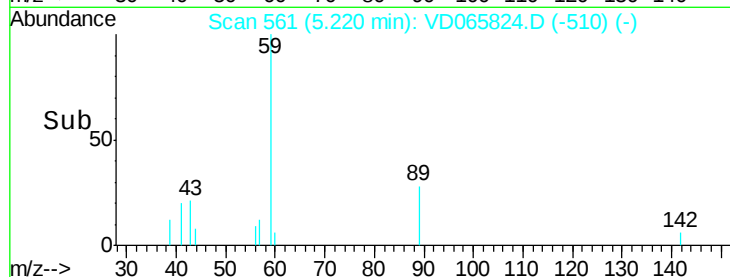
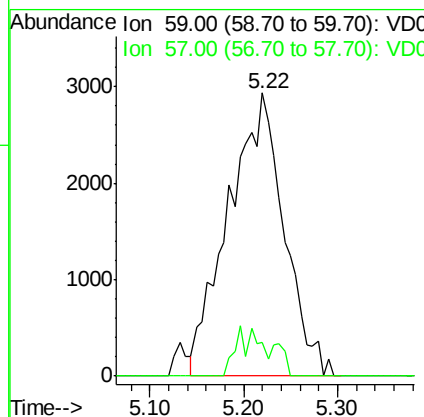
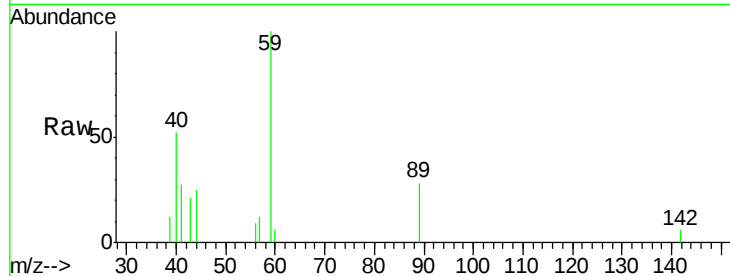


#11

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

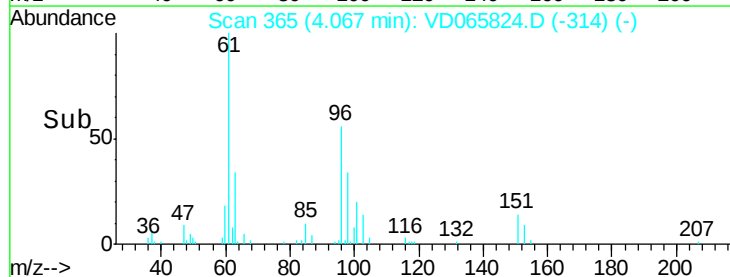
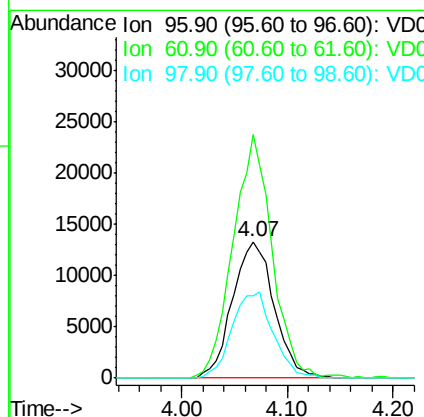
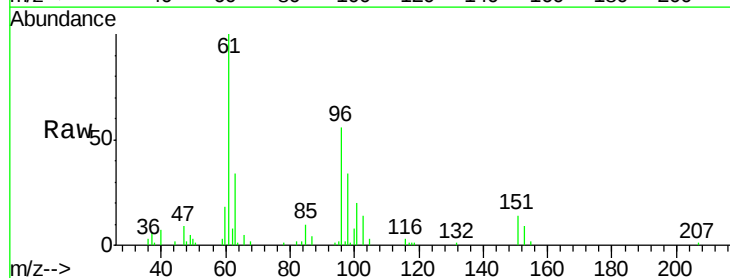
Tot Ion: 59 Resp: 12053
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.5 11.3#



#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 :

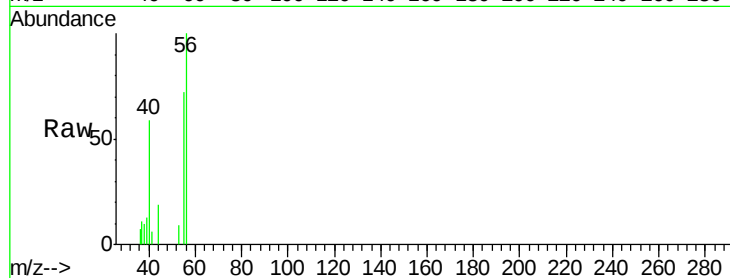
VD0619SBS01

Tot Ion: 56 Resp: 8473

Ion Ratio Lower Upper

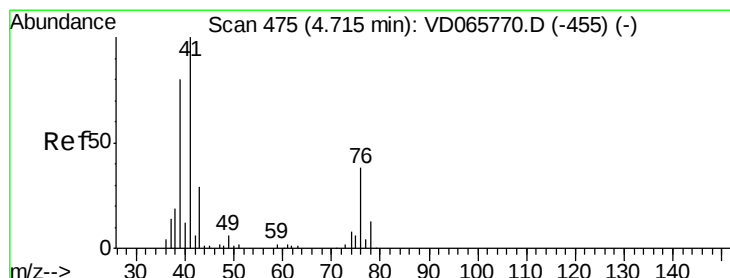
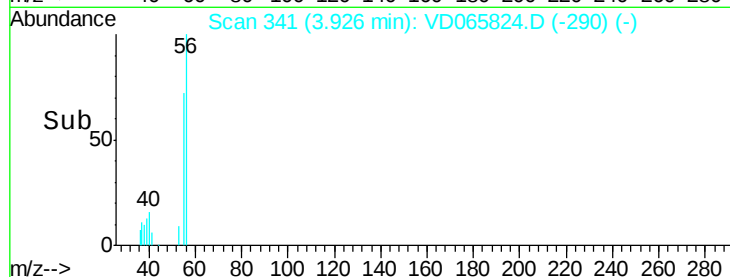
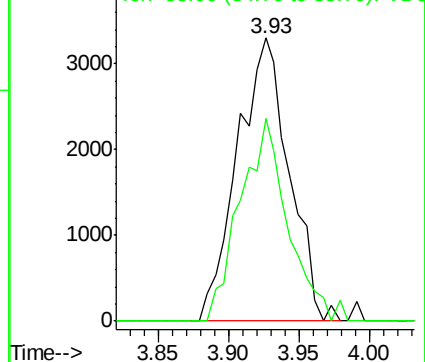
56 100

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

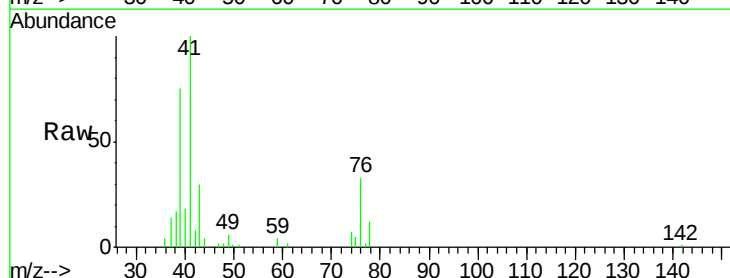
Tgt Ion: 41 Resp: 58463

Ion Ratio Lower Upper

41 100

39 77.4 60.9 91.3

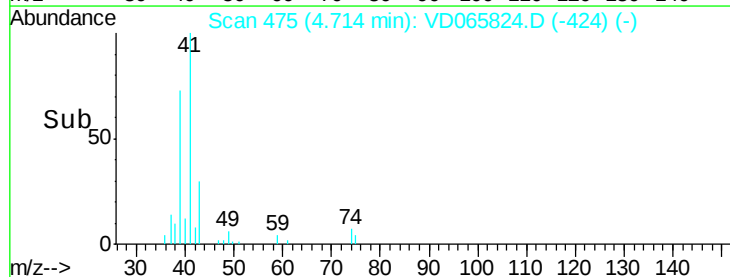
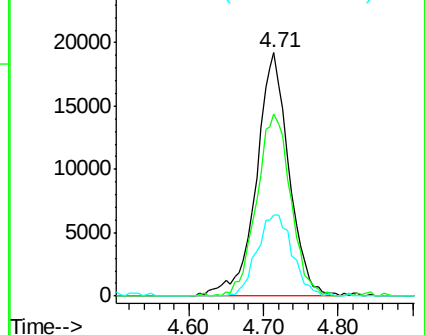
76 36.1 28.9 43.3

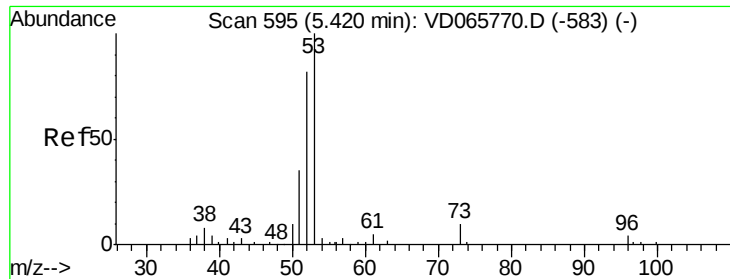


Abundance Ion 41.00 (40.70 to 41.70): VDC

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

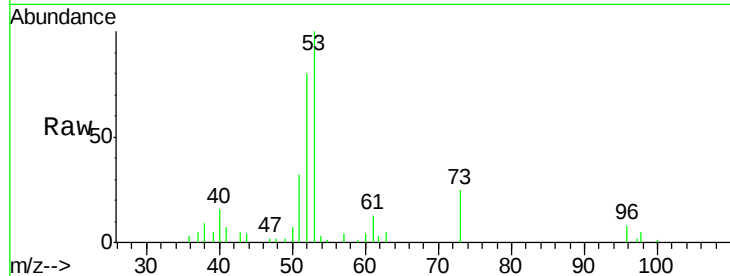
Tot Ion: 53 Resp: 36960

Ion Ratio Lower Upper

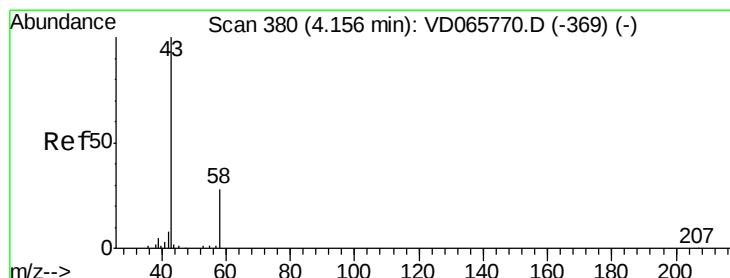
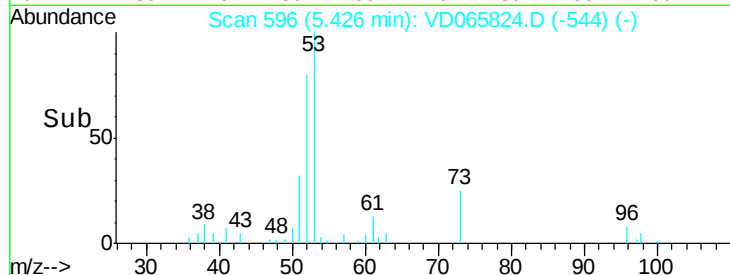
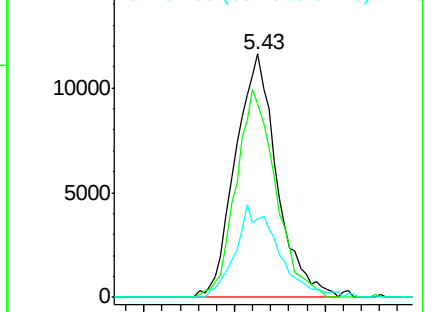
53 100

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

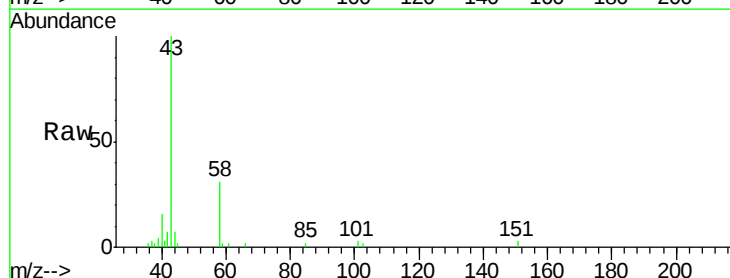
Acq: 19 Jun 2020 13:07

Tgt Ion: 43 Resp: 34634

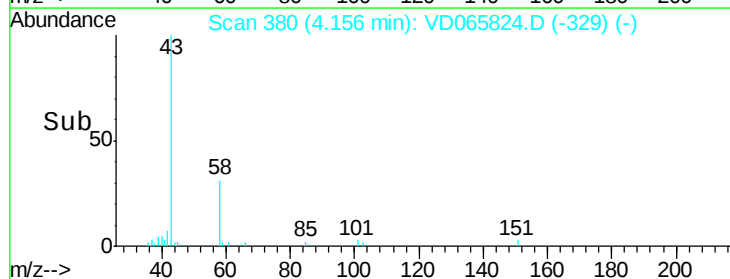
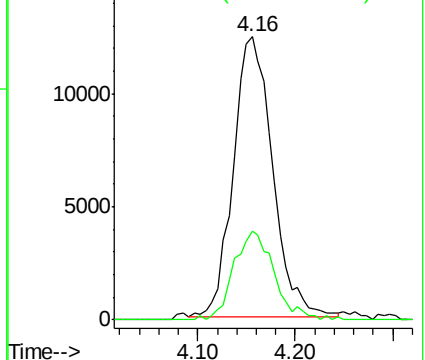
Ion Ratio Lower Upper

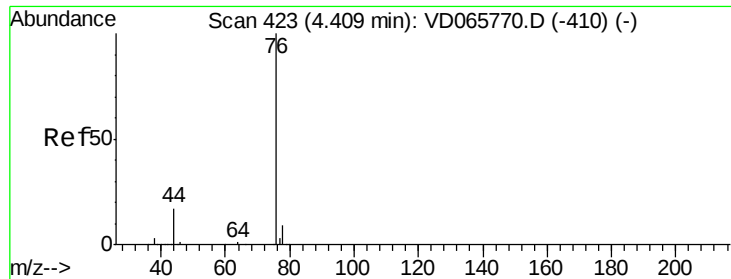
43 100

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

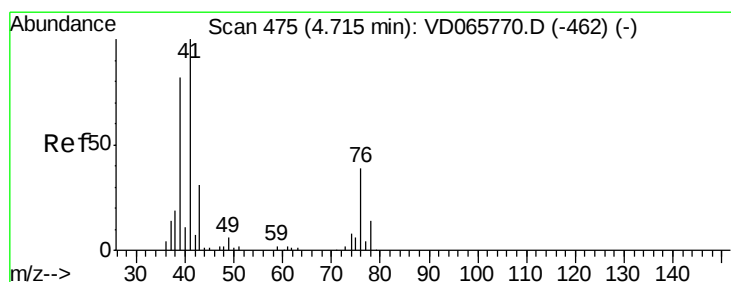
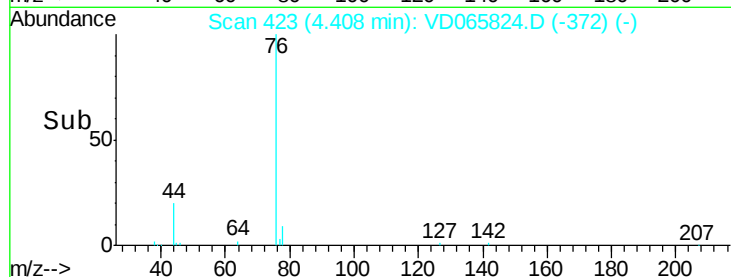
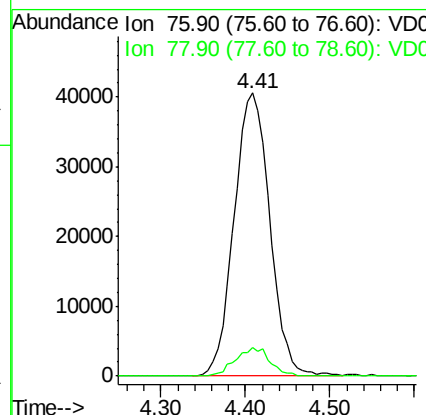
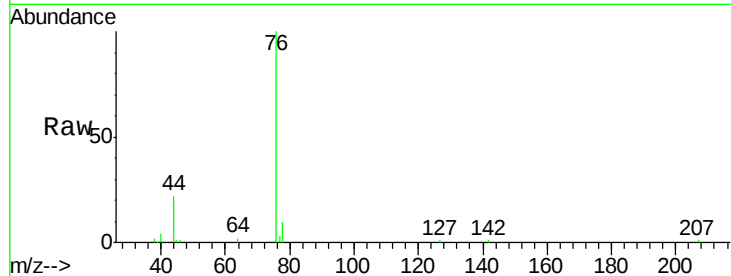




#17
Carbon Disulfide
Concen: 21.968 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

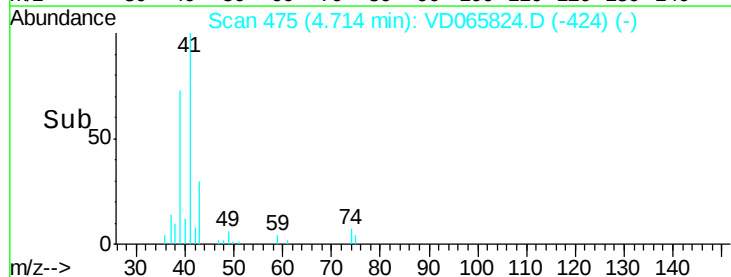
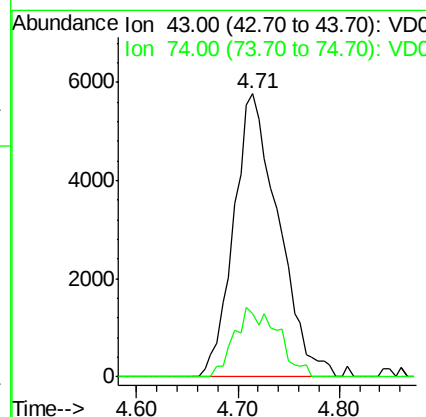
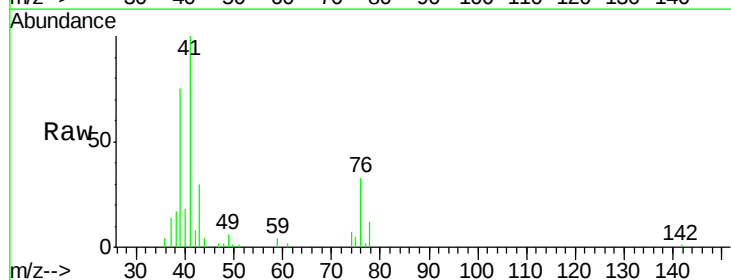
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

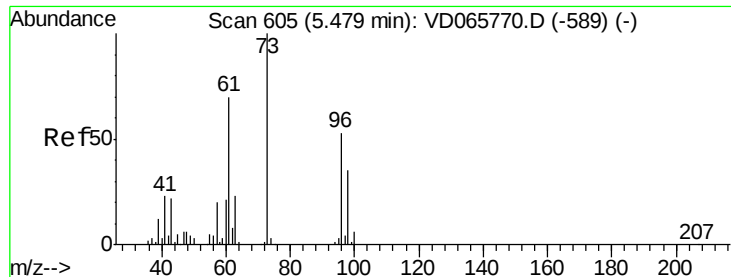
Tot Ion: 76 Resp: 118852
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7



#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

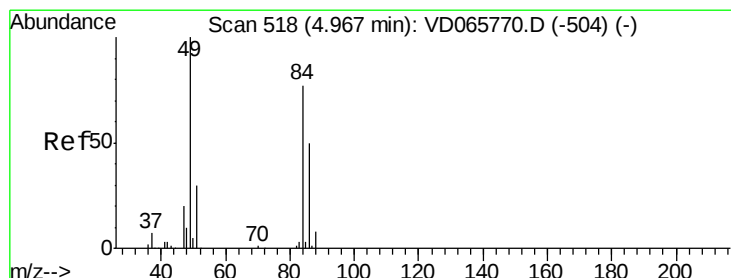
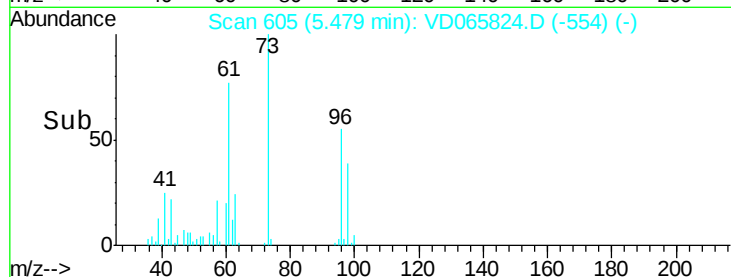
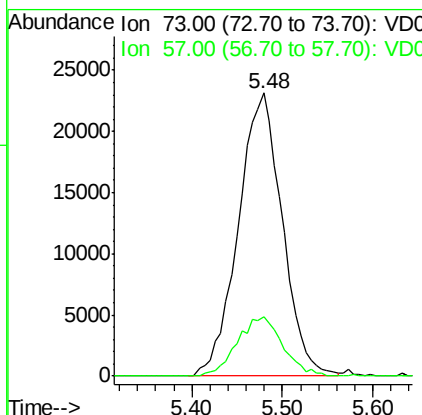
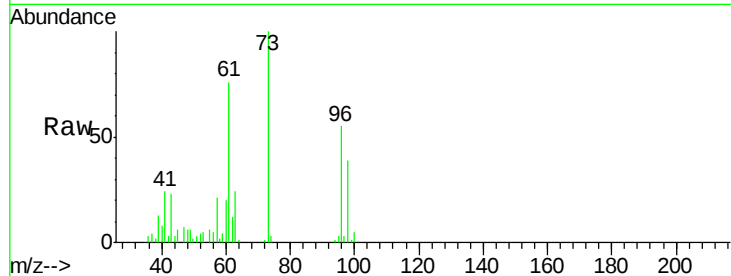




#19
Methyl tert-butyl Ether
Concen: 21.335 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

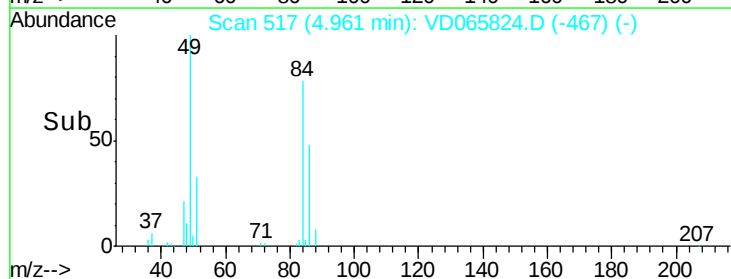
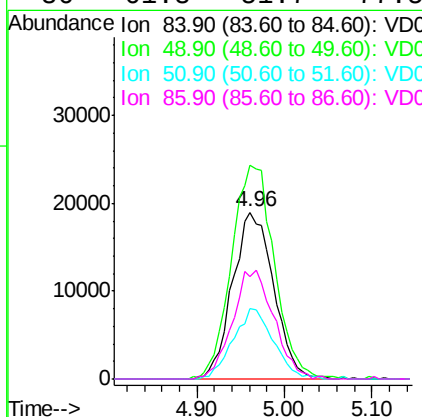
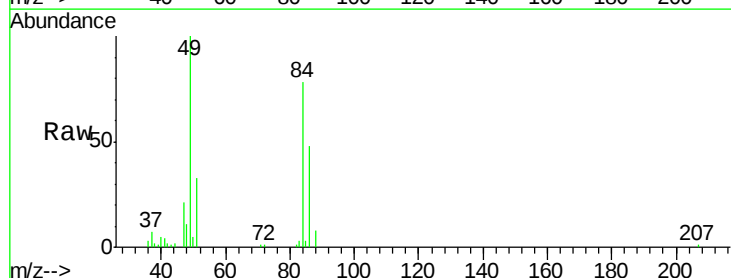
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

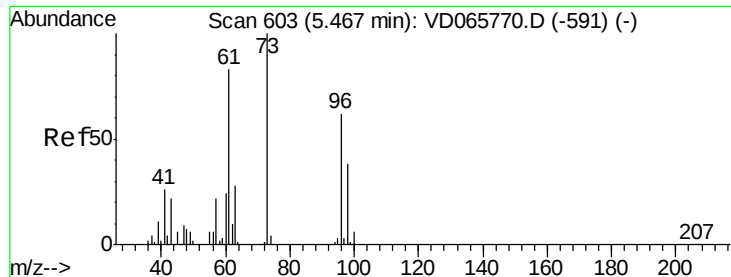
Tot Ion: 73 Resp: 77899
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.2



#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

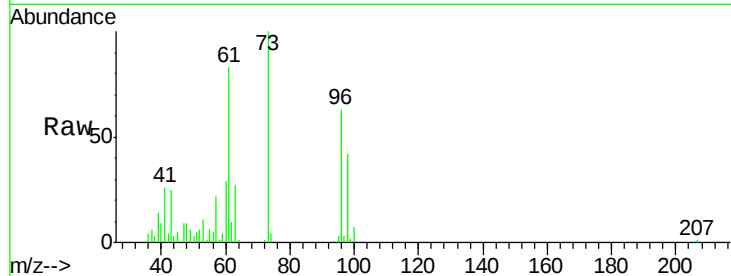
Tot Ion: 96 Resp: 40724

Ion Ratio Lower Upper

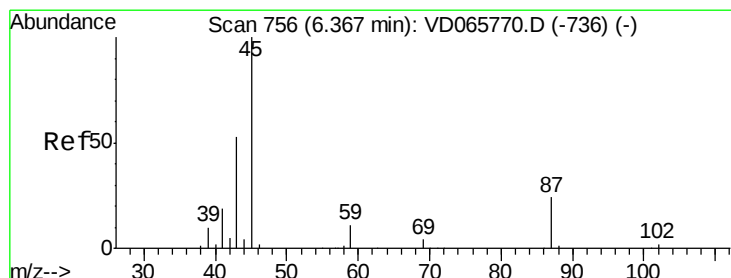
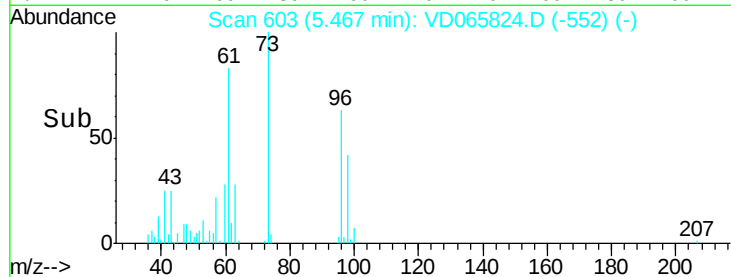
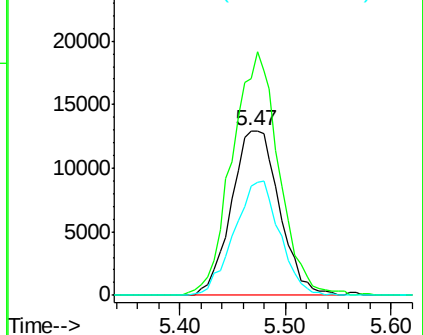
96 100

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

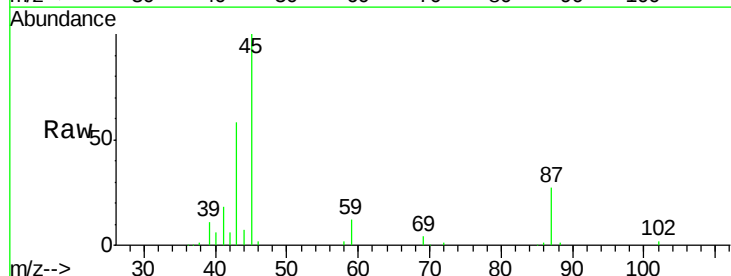
Ion Ratio Lower Upper

45 100

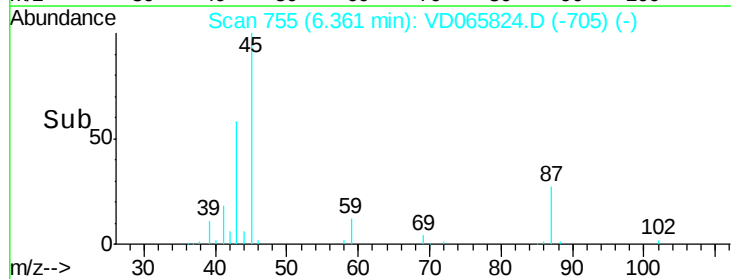
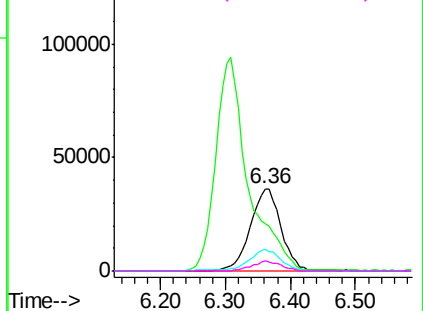
43 57.6 43.4 65.0

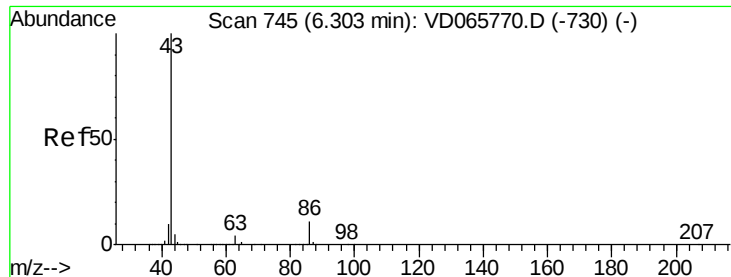
87 26.7 20.2 30.4

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 :

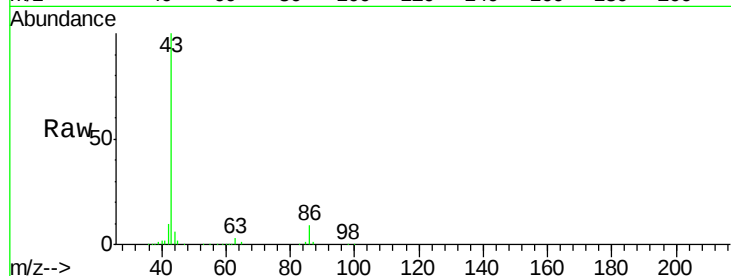
VD0619SBSD01

Tot Ion: 43 Resp: 325311

Ion Ratio Lower Upper

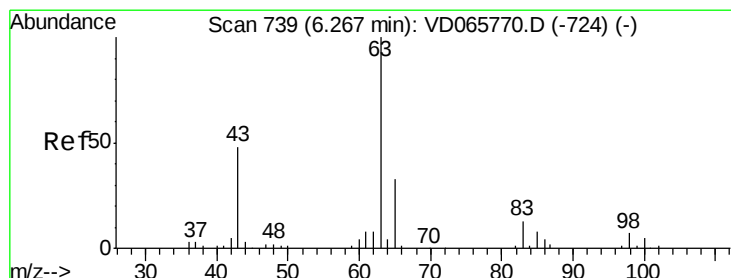
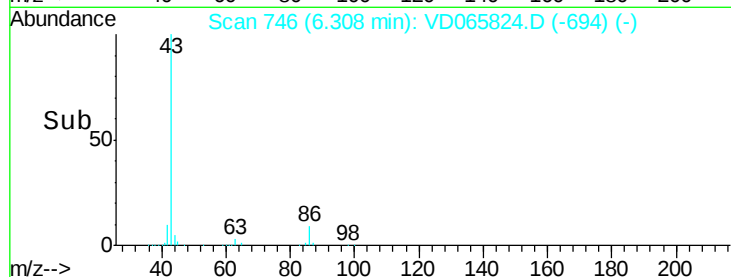
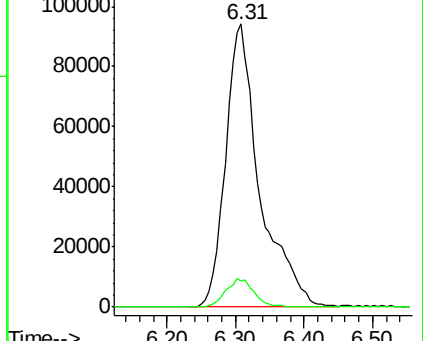
43 100

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

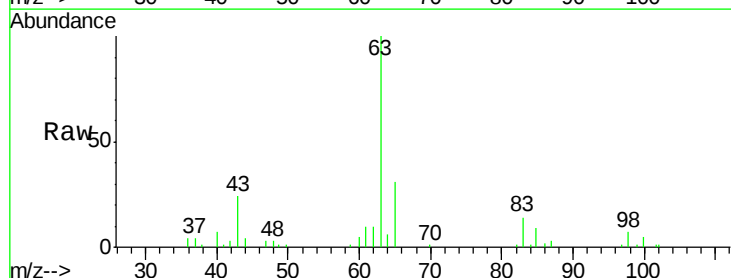
Tgt Ion: 63 Resp: 72118

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

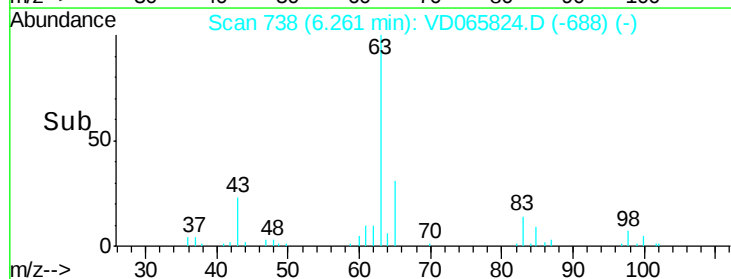
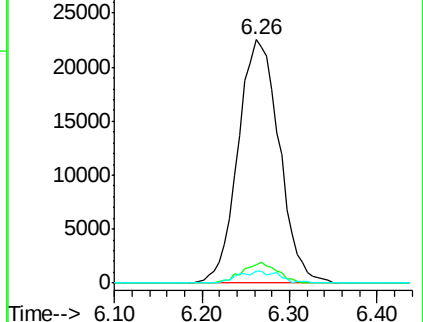
100 4.7 2.3 6.9

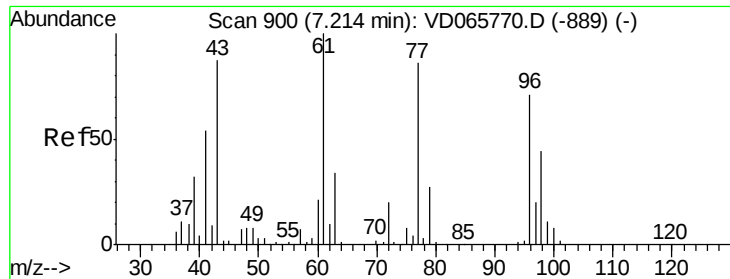


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

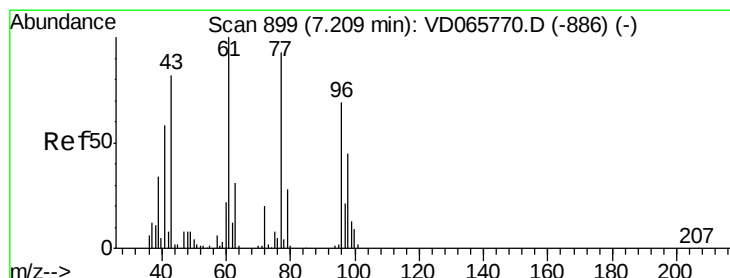
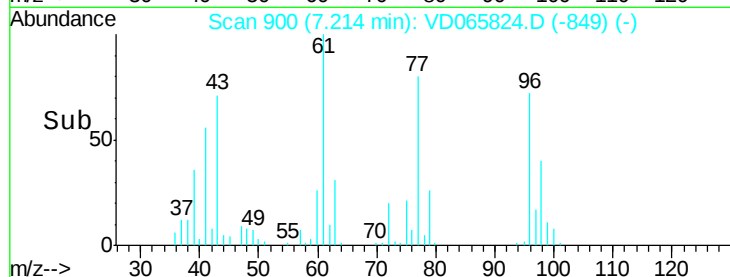
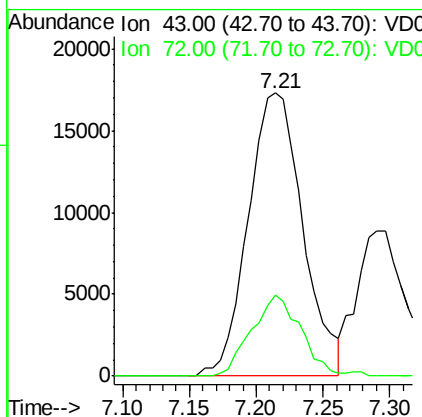
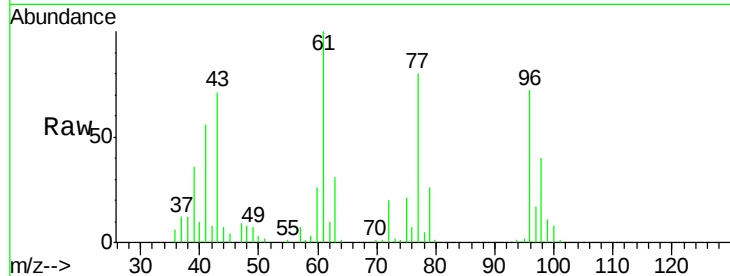




#25
2-Butanone
Concen: 107.529 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

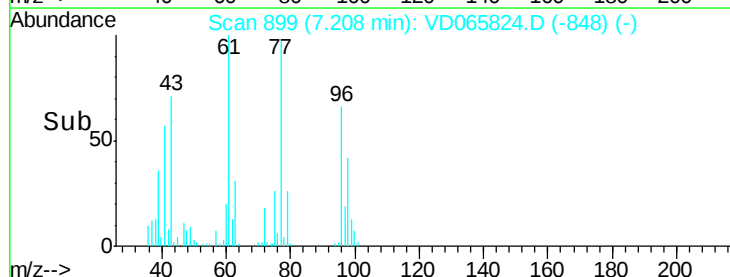
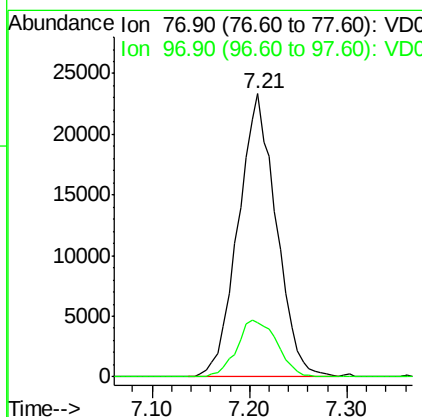
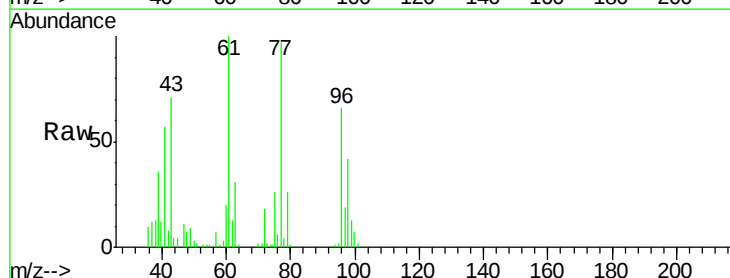
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

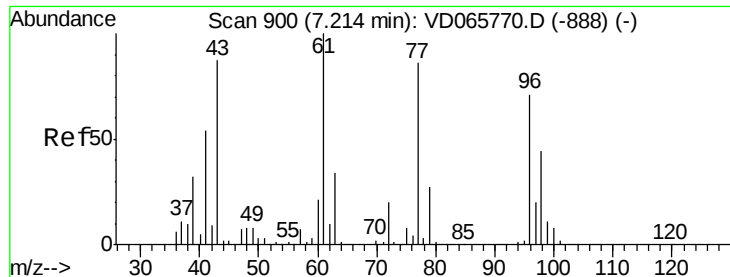
Tot Ion: 43 Resp: 49116
Ion Ratio Lower Upper
43 100
72 28.5 18.5 27.7#



#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



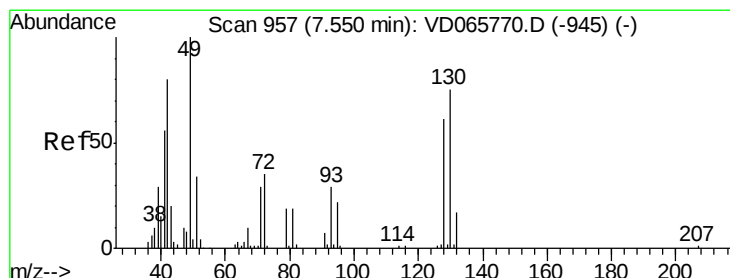
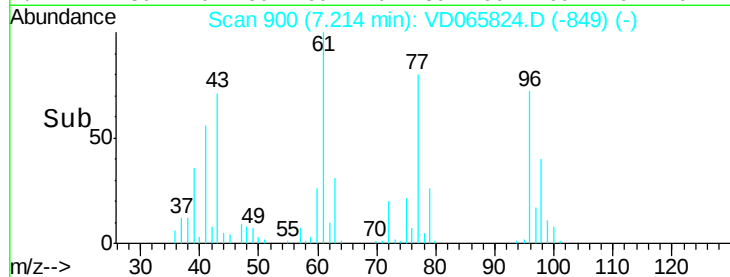
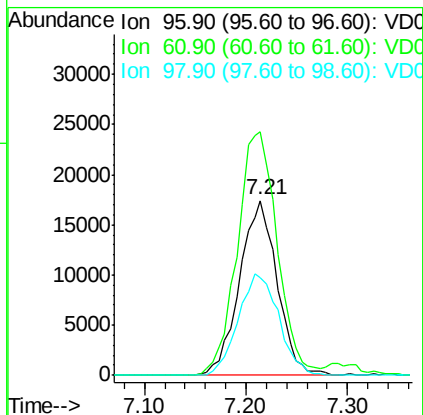
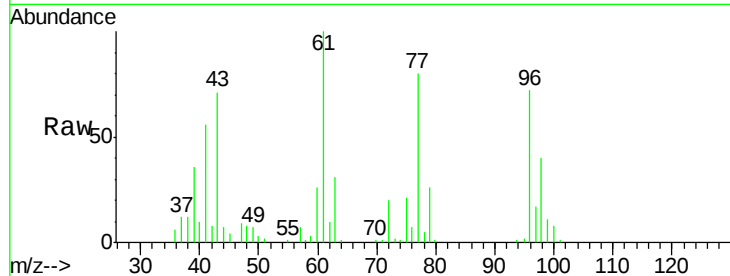


#27

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

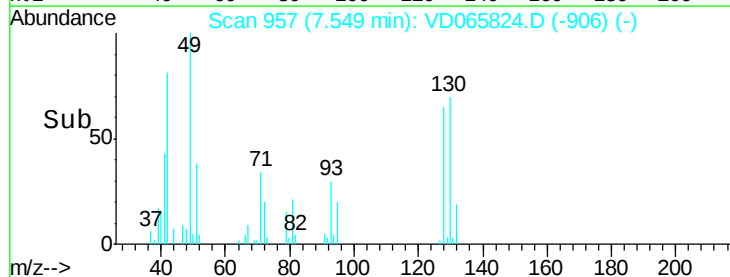
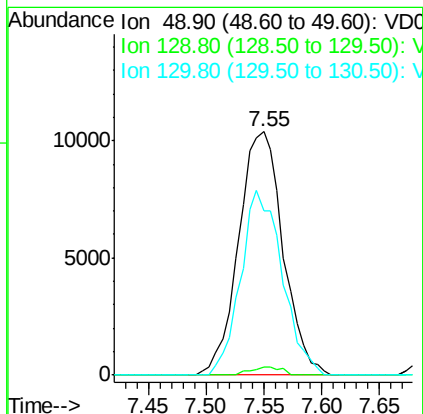
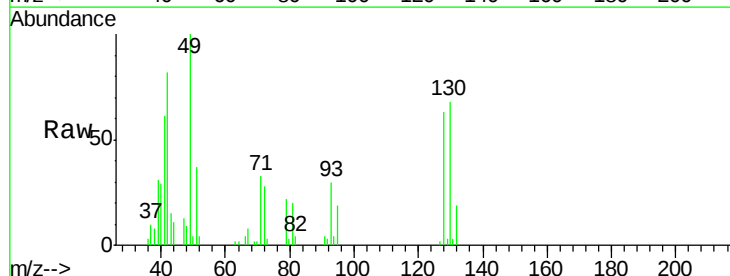
Tot Ion: 96 Resp: 44779
Ion Ratio Lower Upper
96 100
61 147.7 0.0 291.2
98 62.3 0.0 128.8

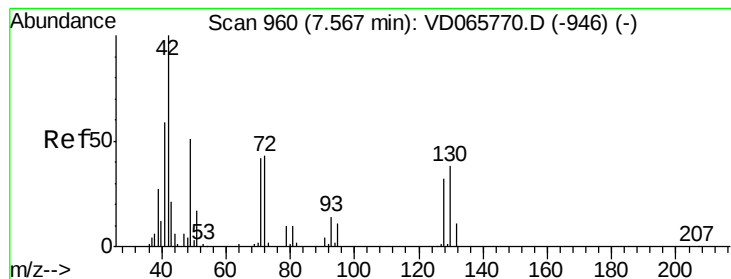


#28

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

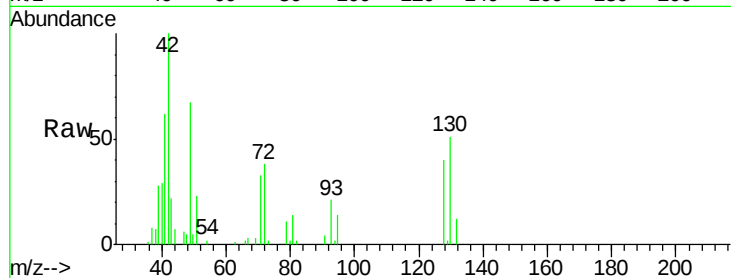
Tot Ion: 42 Resp: 29882

Ion Ratio Lower Upper

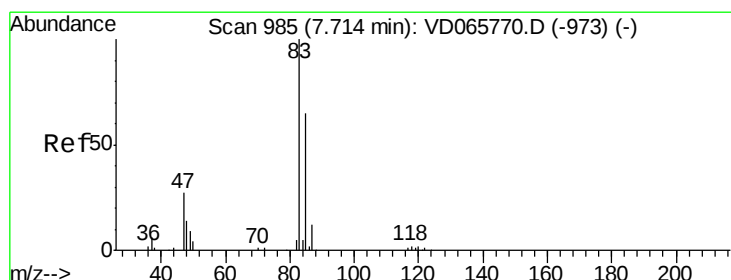
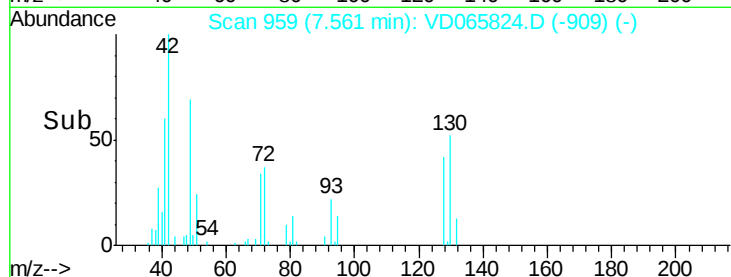
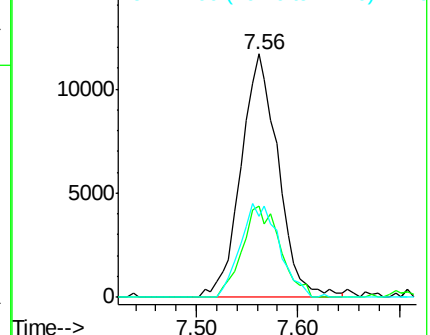
42 100

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

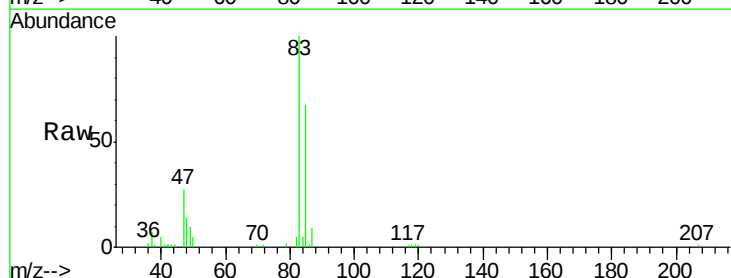
Acq: 19 Jun 2020 13:07

Tgt Ion: 83 Resp: 72595

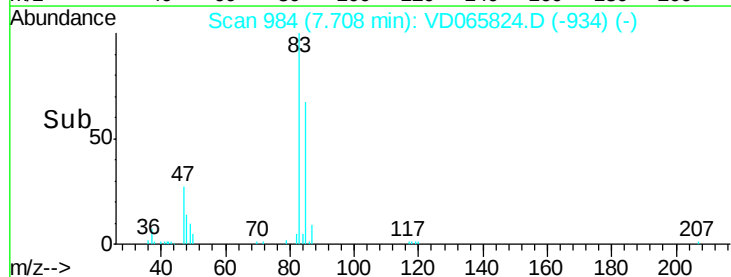
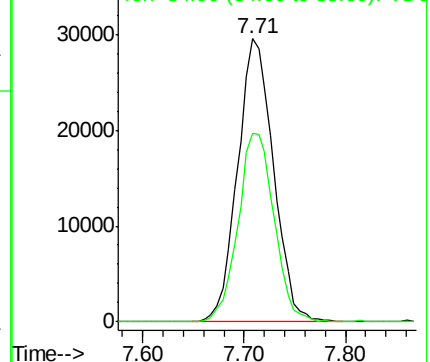
Ion Ratio Lower Upper

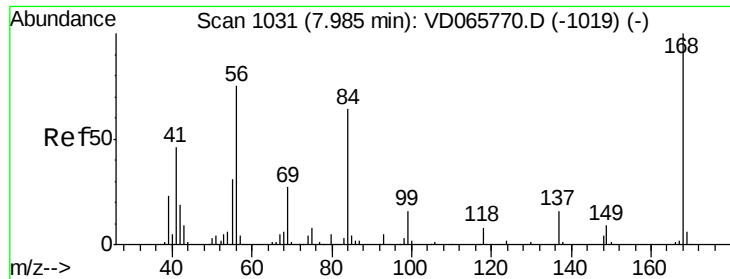
83 100

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

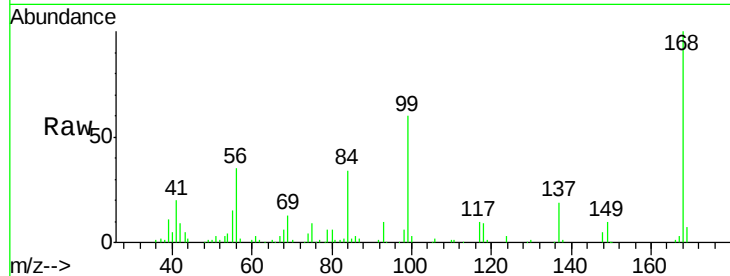




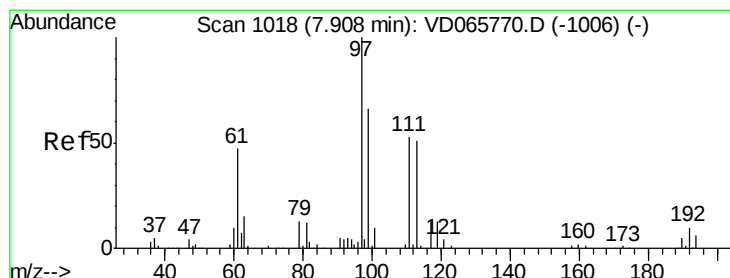
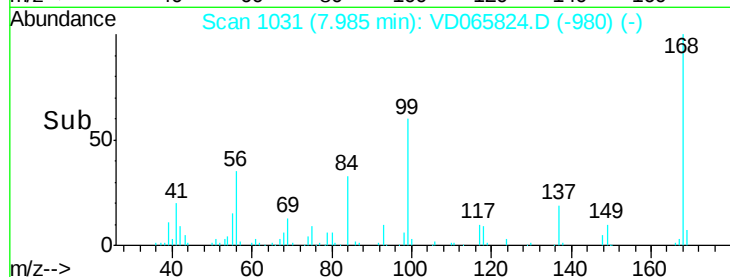
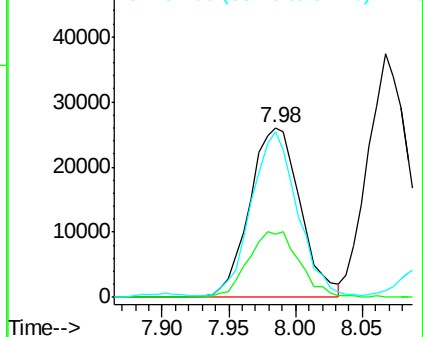
#31
Cyclohexane
Concen: 21.756 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

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

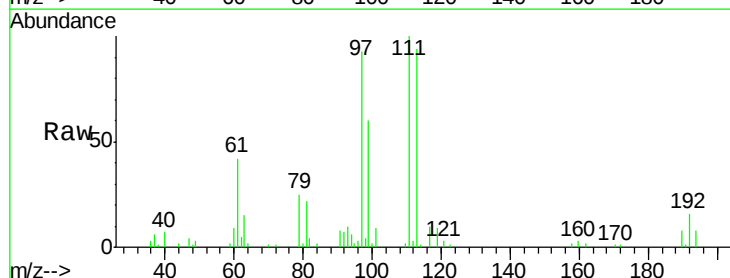


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

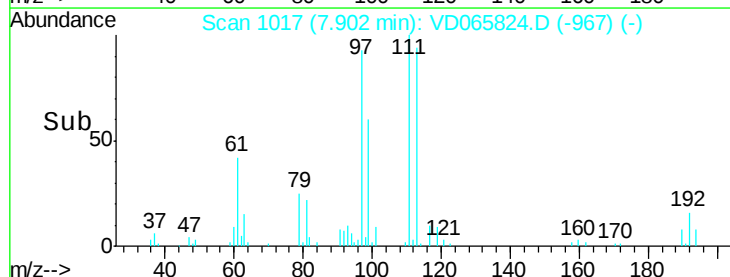
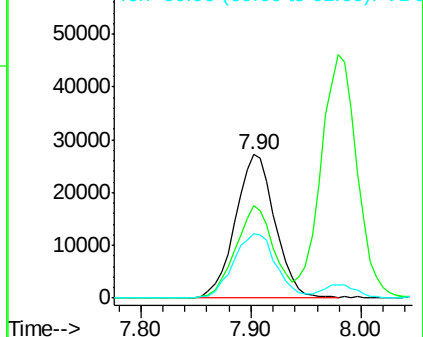


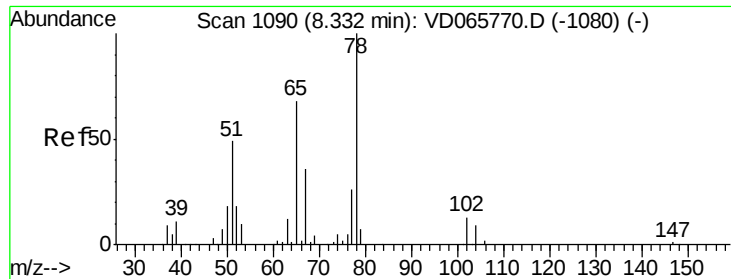
#32
1,1,1-Trichloroethane
Concen: 21.921 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

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 :

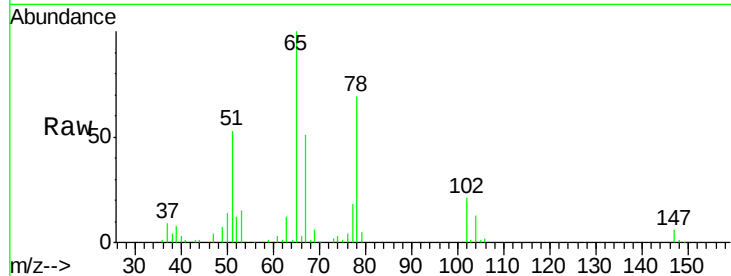
VD0619SBSD01

Tot Ion: 65 Resp: 98635

Ion Ratio Lower Upper

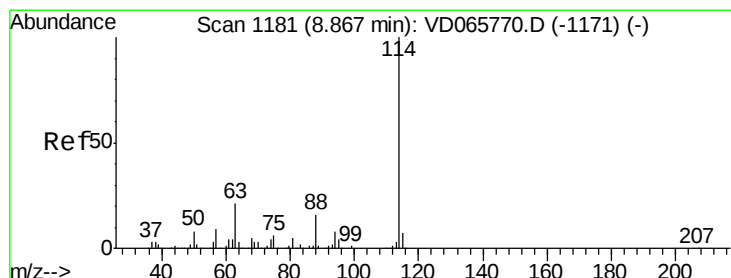
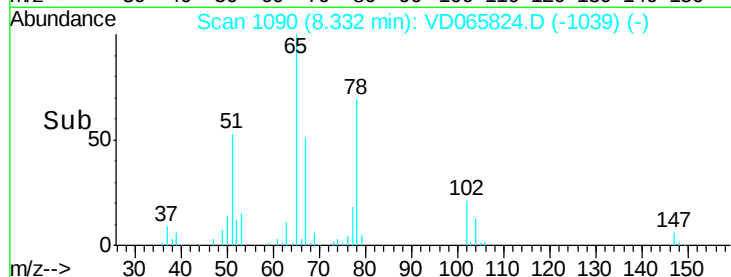
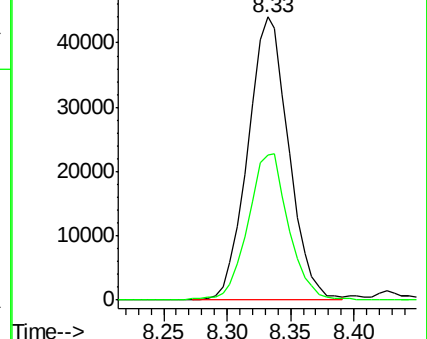
65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#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

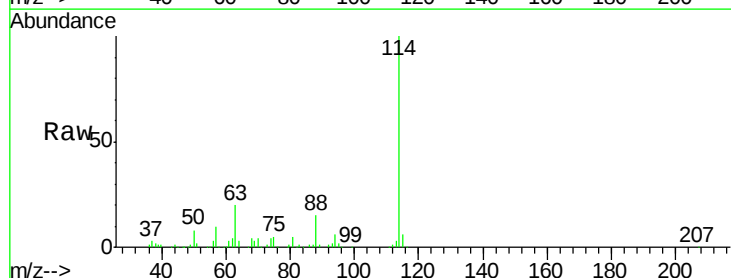
Tgt Ion: 114 Resp: 286443

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

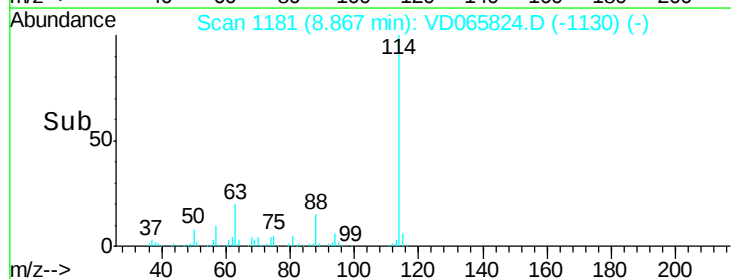
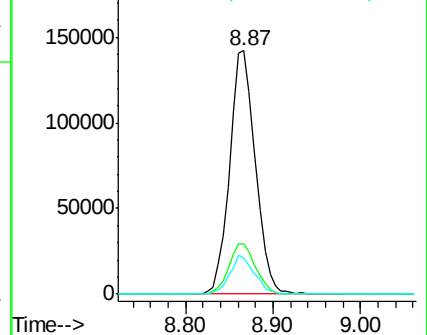
88 14.9 0.0 32.0

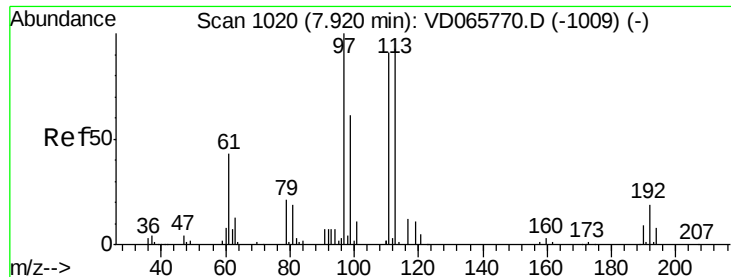


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

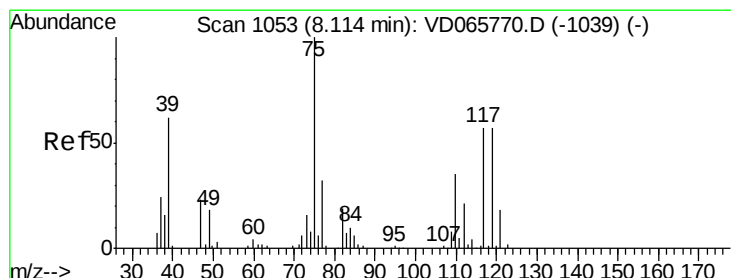
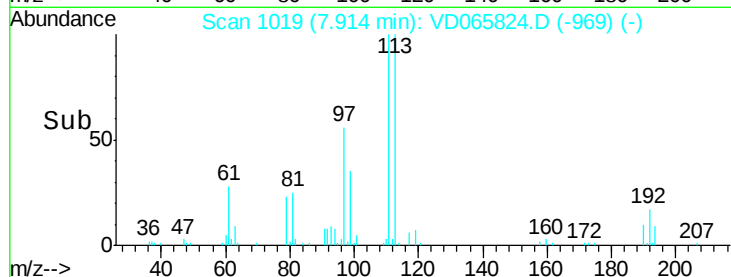
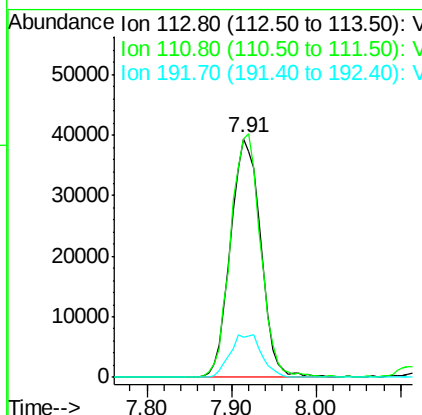
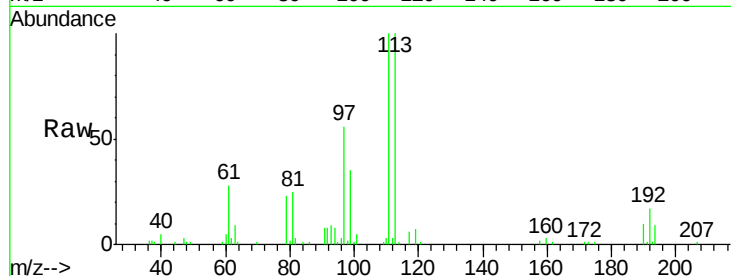




#35
 Dibromofluoromethane
 Concen: 53.672 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

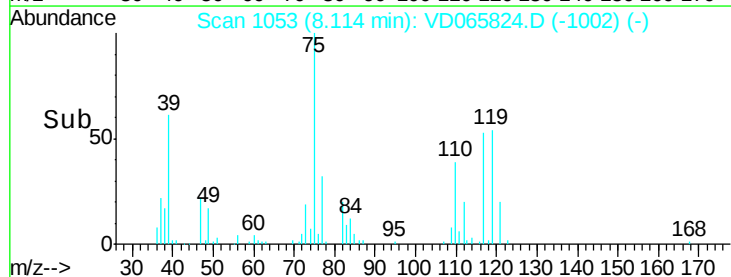
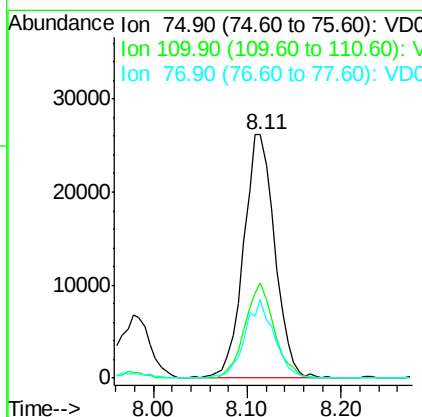
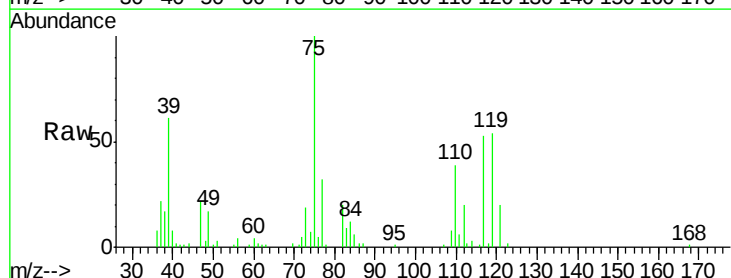
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

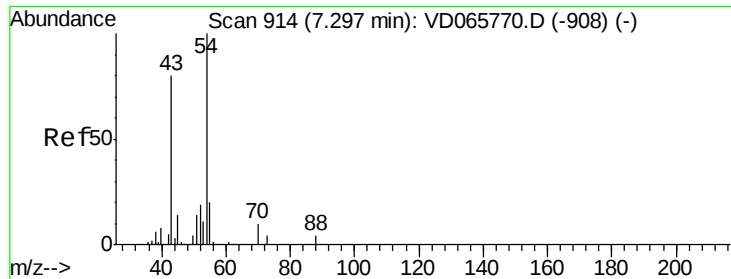
Tot Ion:113 Resp: 97111
 Ion Ratio Lower Upper
 113 100
 111 100.2 83.4 125.0
 192 18.6 15.7 23.5



#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

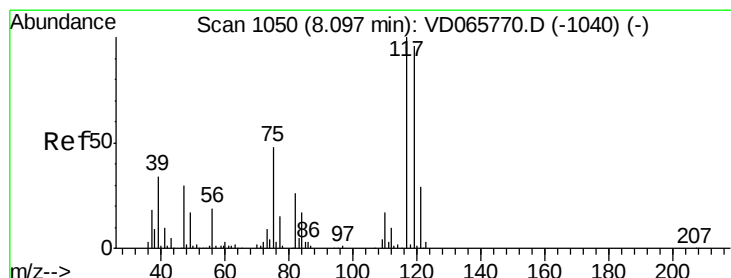
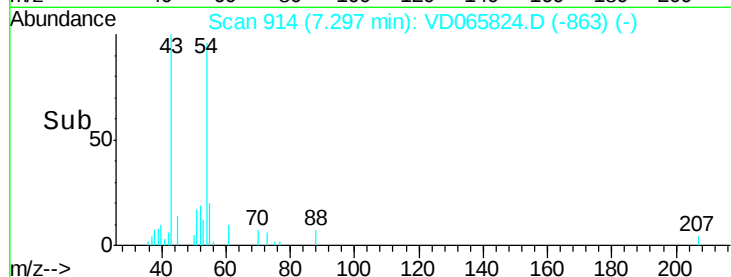
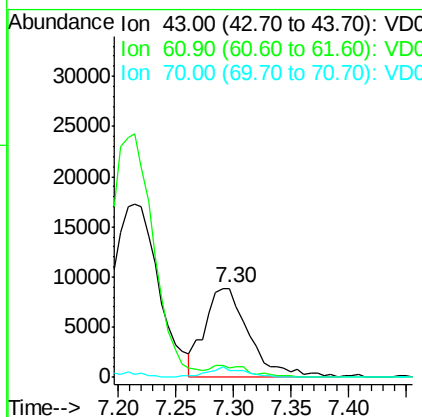
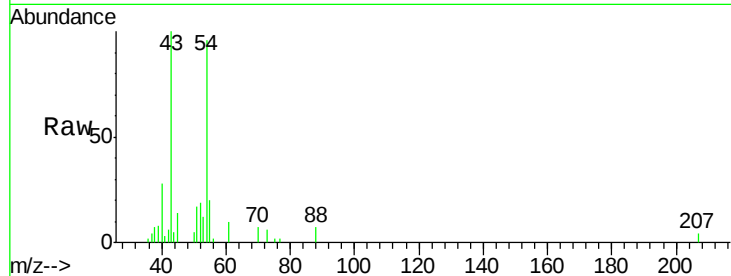




#37
Ethyl Acetate
Concen: 21.924 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

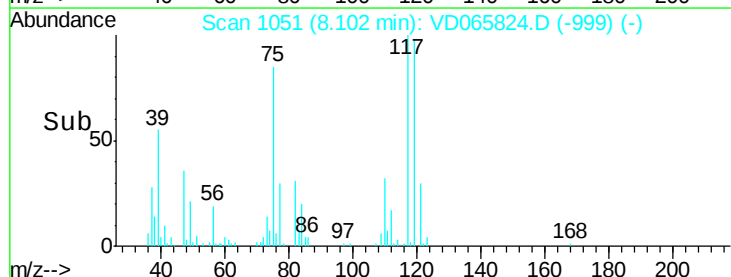
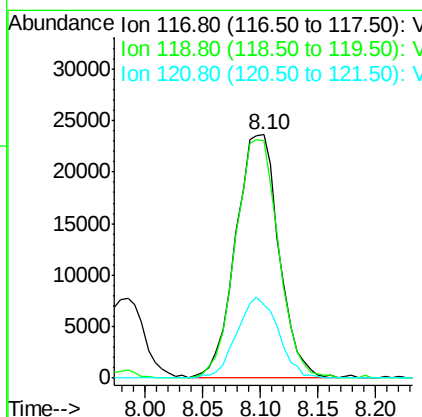
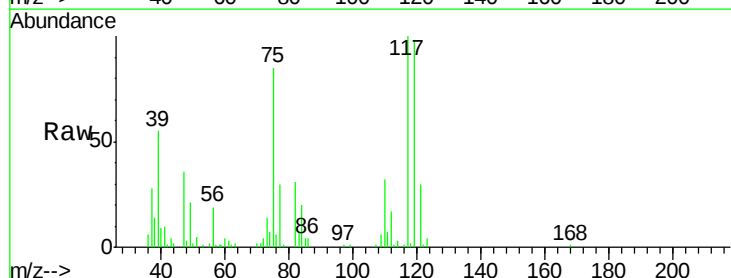
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

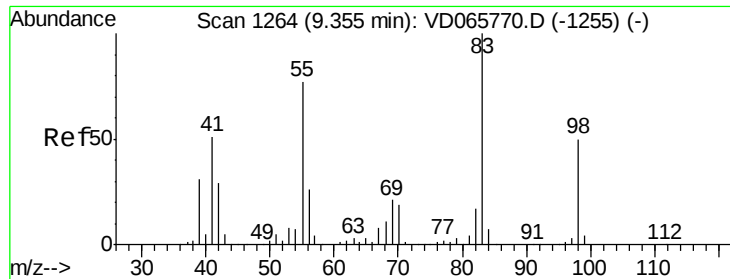
Tot Ion: 43 Resp: 23695
Ion Ratio Lower Upper
43 100
61 12.2 10.6 15.8
70 9.4 7.5 11.3



#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

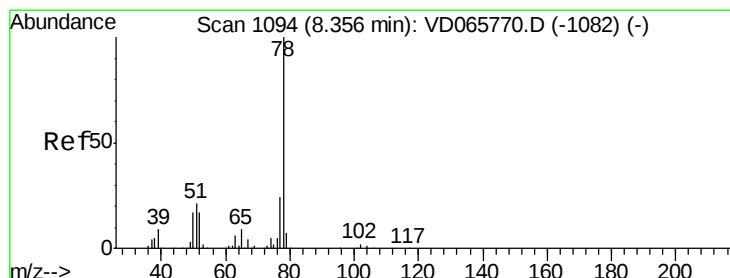
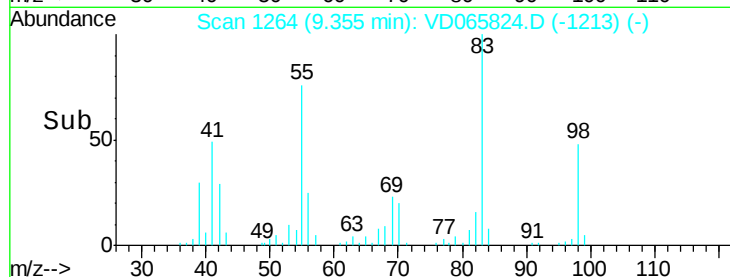
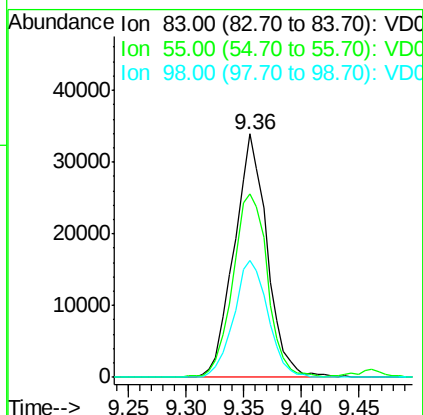
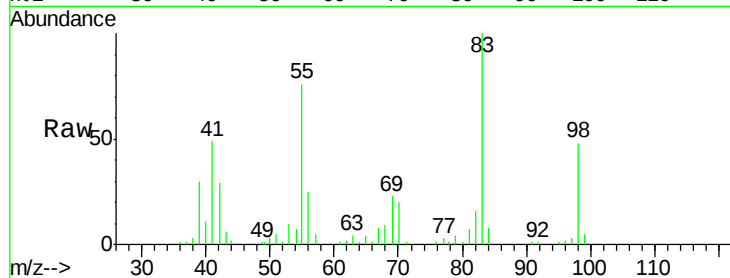




#39
Methvlcvclohexane
Concen: 20.706 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

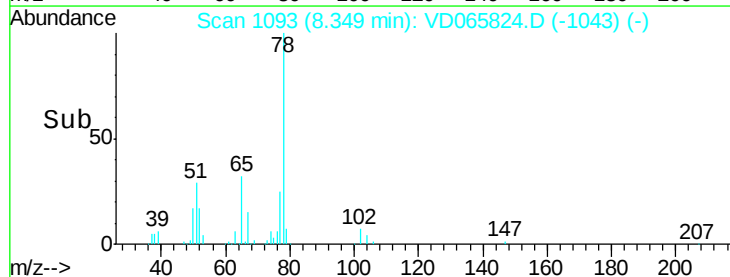
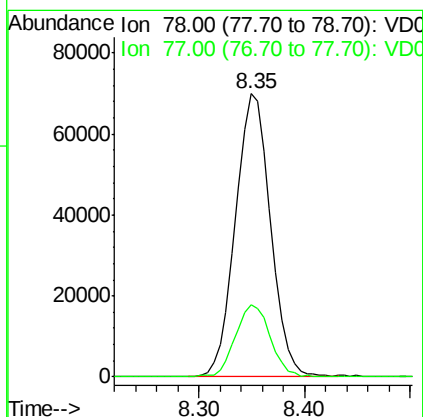
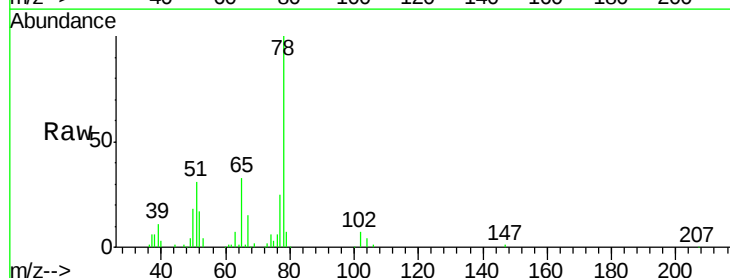
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

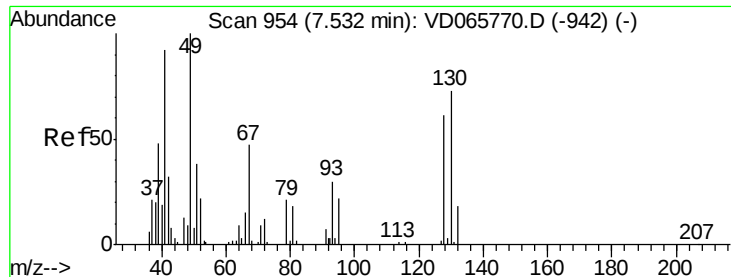
Tot Ion: 83 Resp: 67269
Ion Ratio Lower Upper
83 100
55 75.1 61.6 92.4
98 47.9 40.2 60.2



#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





#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 :

VD0619SBSD01

Tot Ion: 41 Resp: 10534

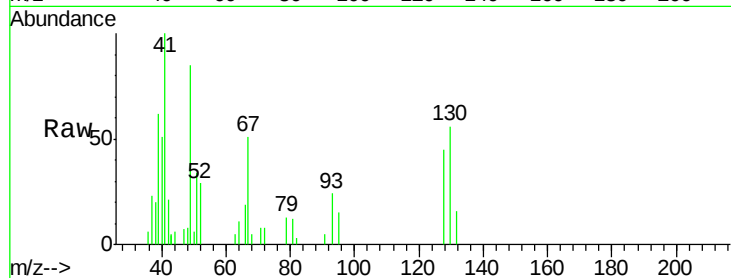
Ion Ratio Lower Upper

41 100

39 71.0 38.3 57.5#

67 82.0 49.8 74.6#

52 37.8 21.7 32.5#

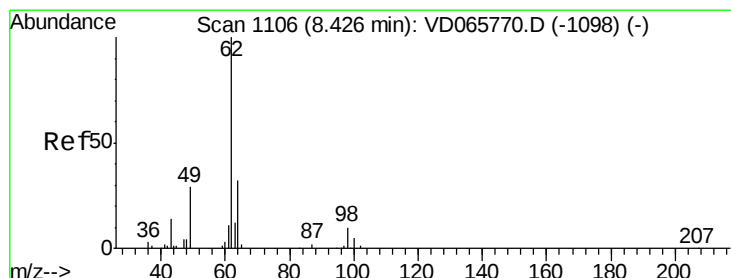
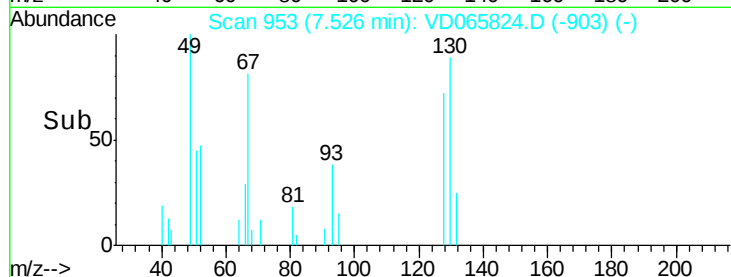
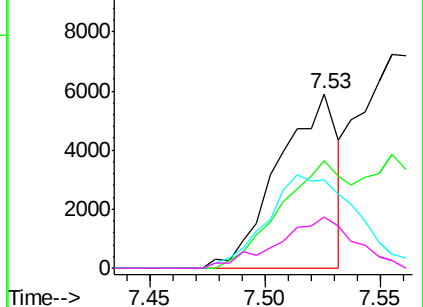


Abundance Ion 41.00 (40.70 to 41.70): VDC

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

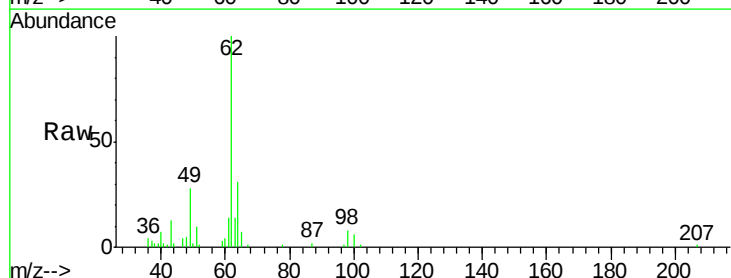
Acq: 19 Jun 2020 13:07

Tgt Ion: 62 Resp: 47227

Ion Ratio Lower Upper

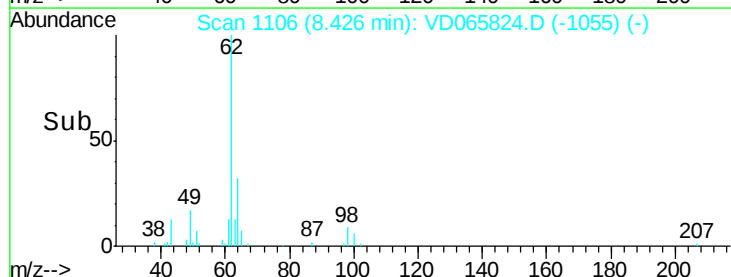
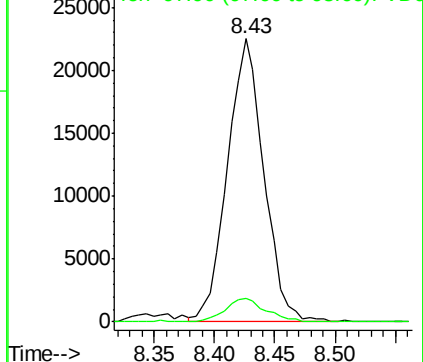
62 100

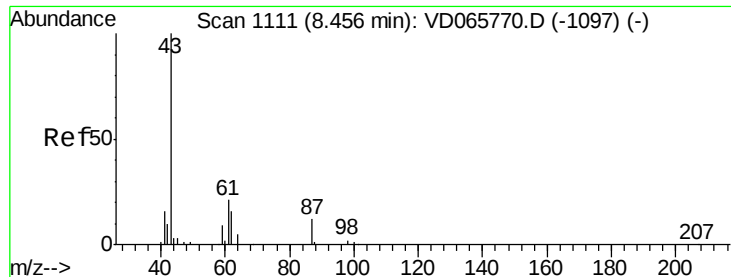
98 9.3 0.0 18.6



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 :

VD0619SBS01

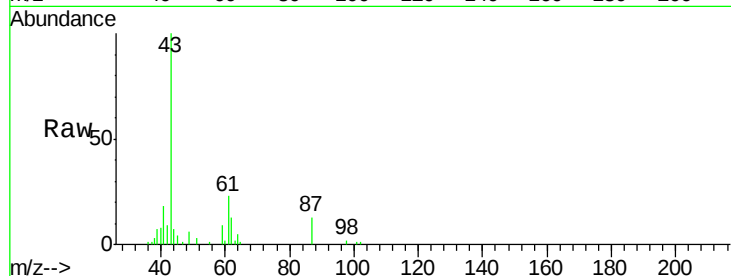
Tot Ion: 43 Resp: 43468

Ion Ratio Lower Upper

43 100

61 32.3 24.2 36.4

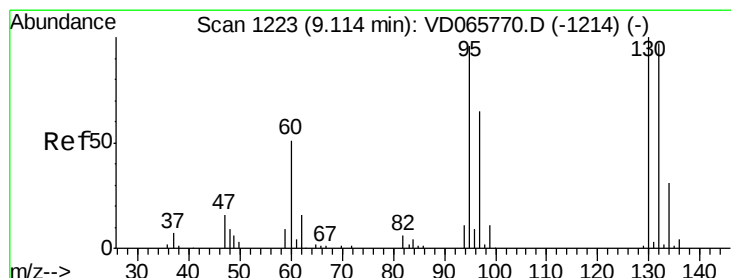
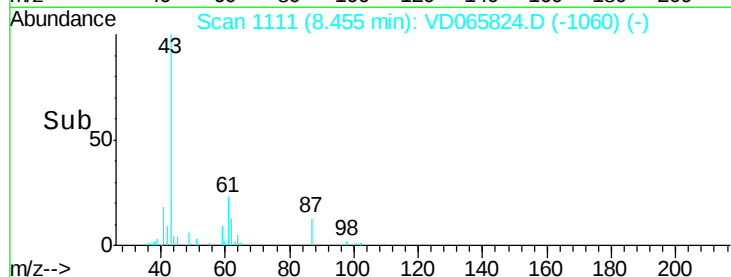
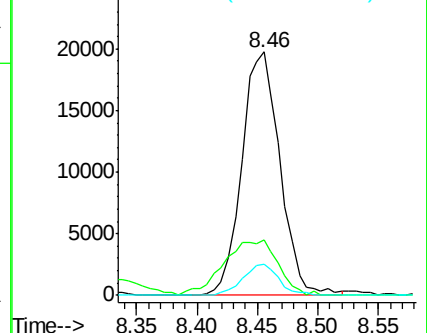
87 11.9 9.5 14.3



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

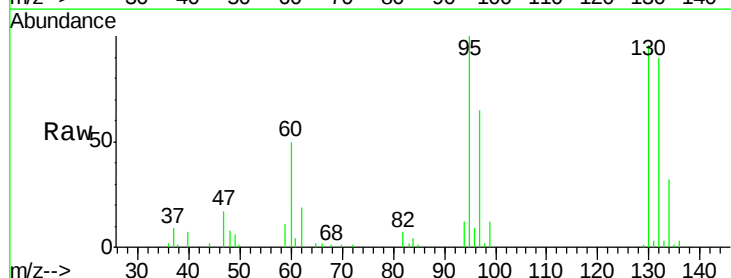
Acq: 19 Jun 2020 13:07

Tgt Ion: 130 Resp: 44026

Ion Ratio Lower Upper

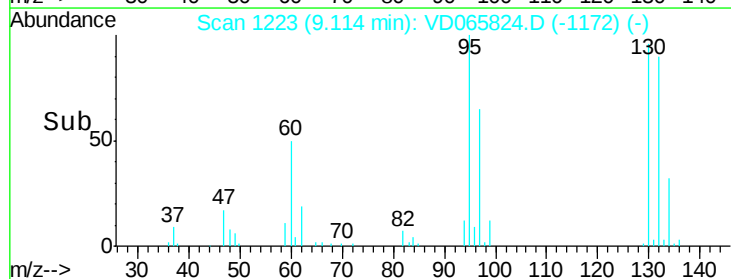
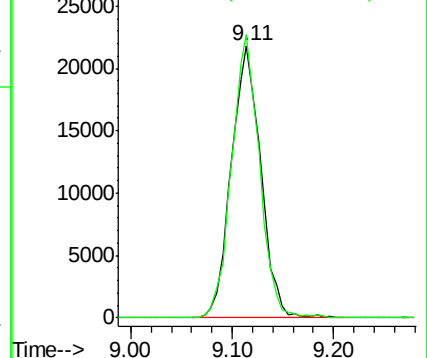
130 100

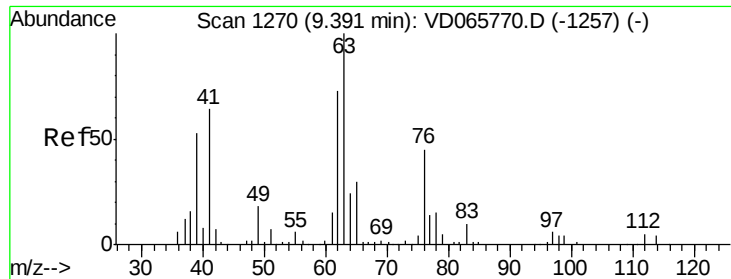
95 103.9 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

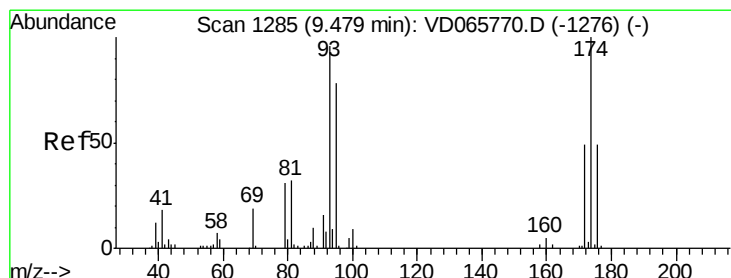
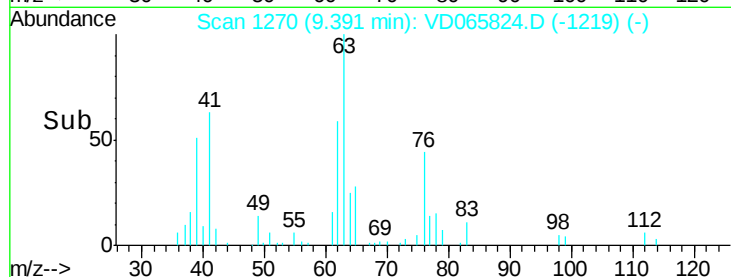
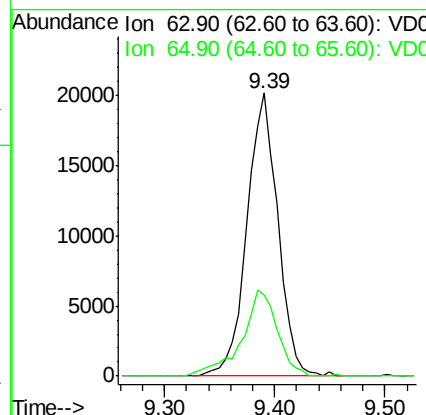
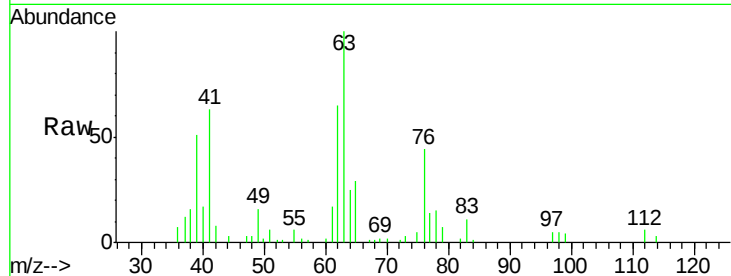




#45
 1,2-Dichloropropane
 Concen: 21.075 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

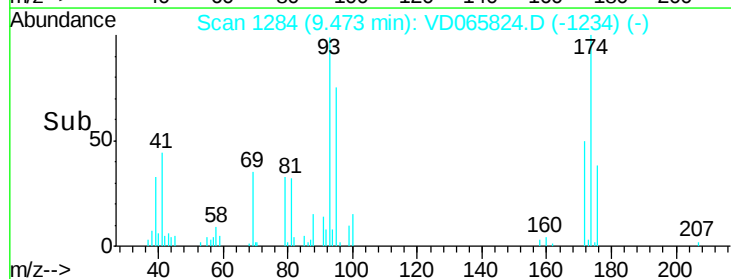
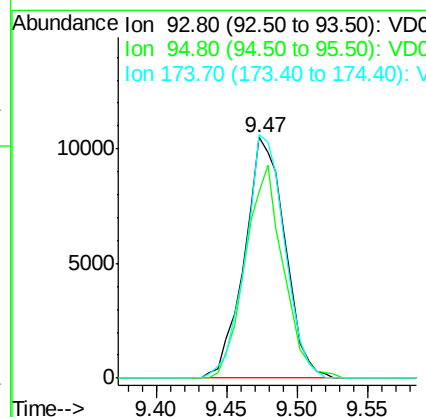
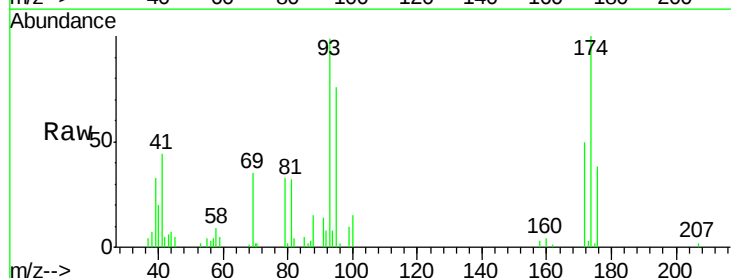
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

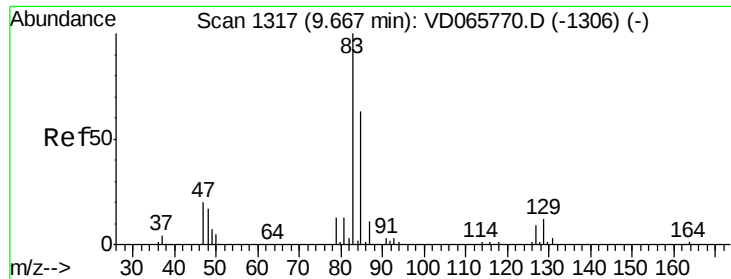
Tot Ion: 63 Resp: 39723
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.2 36.2



#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

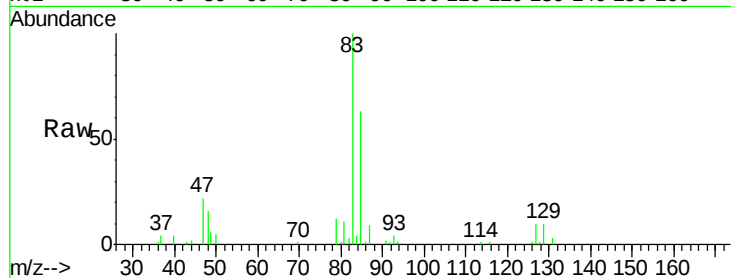
Tot Ion: 83 Resp: 58830

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1

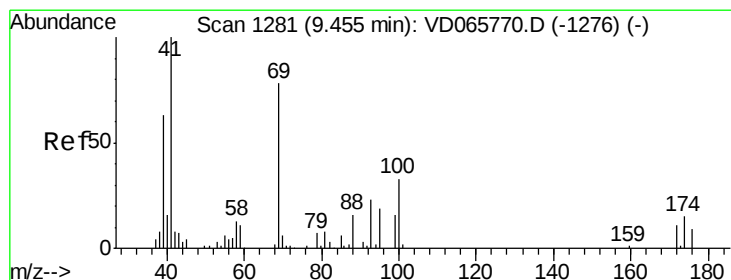
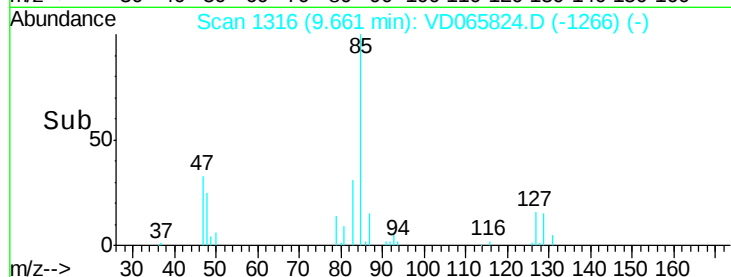
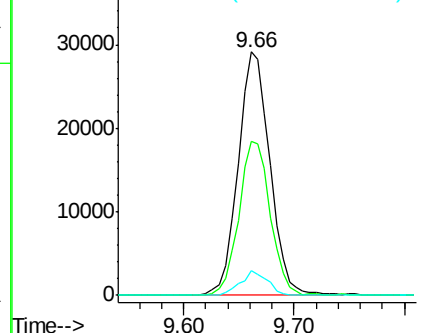
127 10.0 7.1 10.7



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): VDC



#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

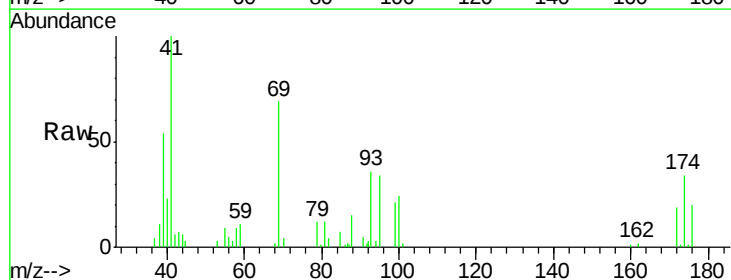
Tgt Ion: 41 Resp: 21884

Ion Ratio Lower Upper

41 100

69 76.0 60.9 91.3

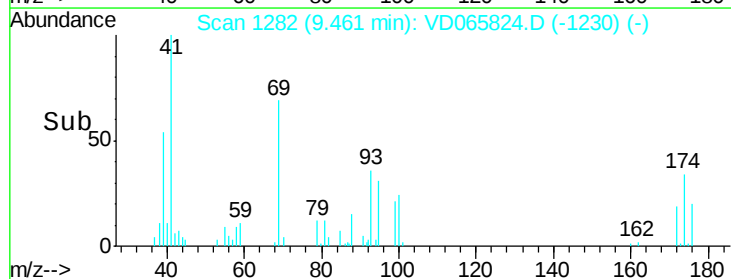
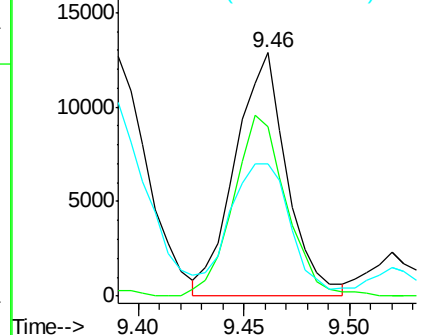
39 57.1 48.1 72.1

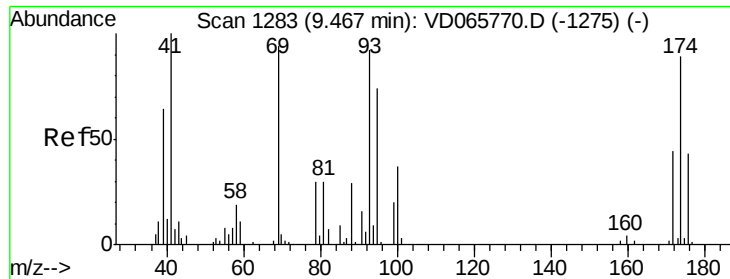


Abundance Ion 41.00 (40.70 to 41.70): VDC

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

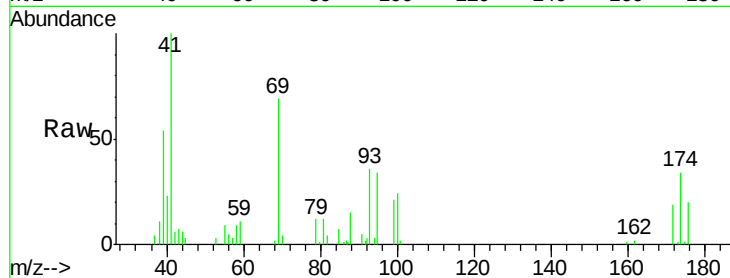
Tot Ion: 88 Resp: 3951

Ion Ratio Lower Upper

88 100

43 50.2 32.2 48.4#

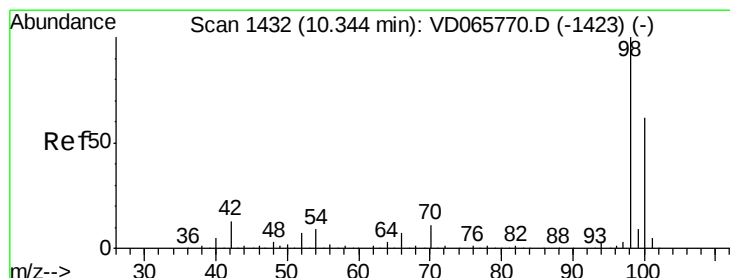
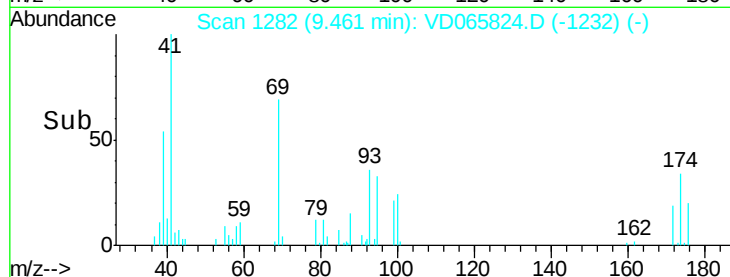
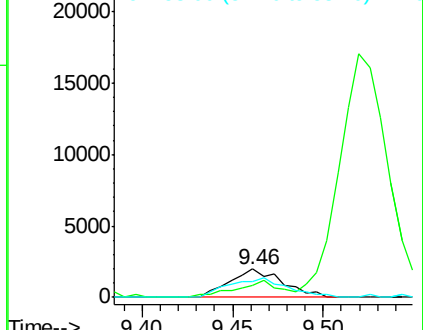
58 76.8 54.9 82.3



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

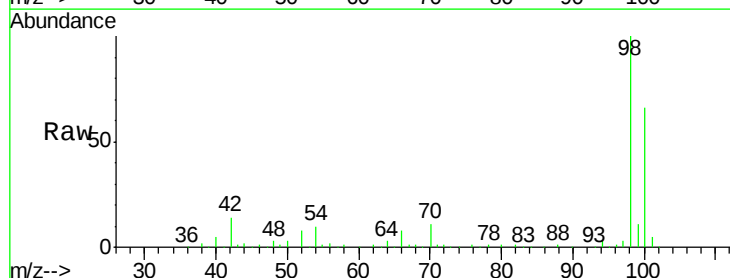
Acq: 19 Jun 2020 13:07

Tgt Ion: 98 Resp: 371324

Ion Ratio Lower Upper

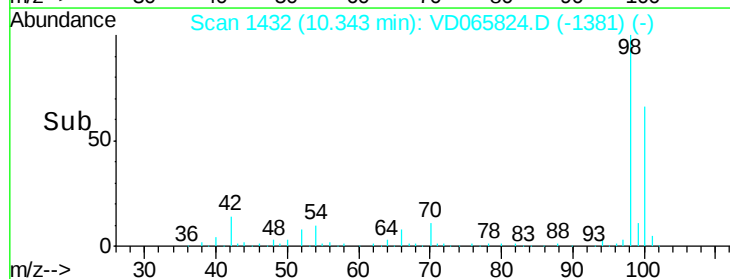
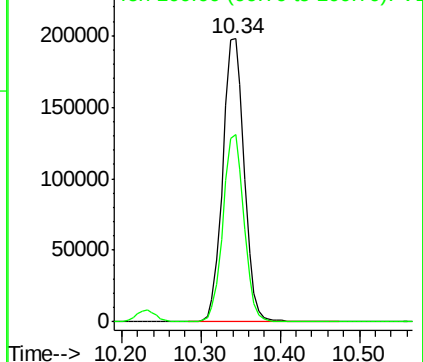
98 100

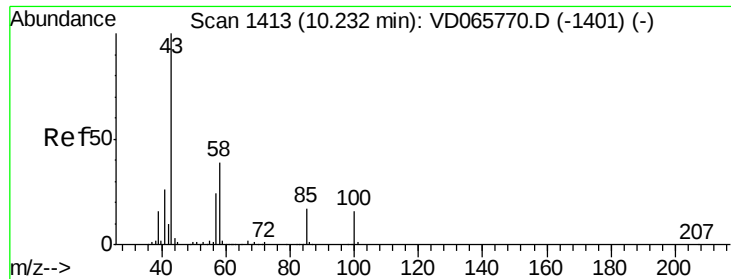
100 65.0 51.4 77.2



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 :

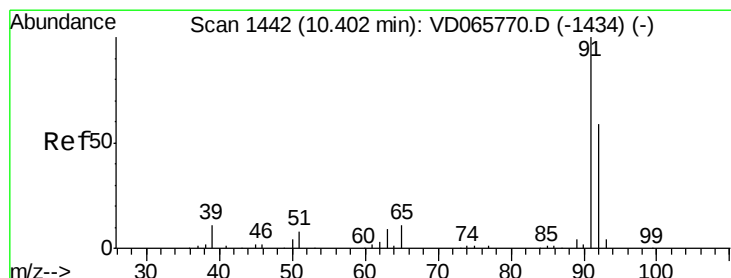
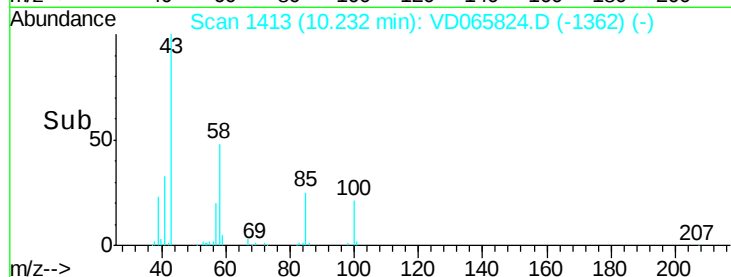
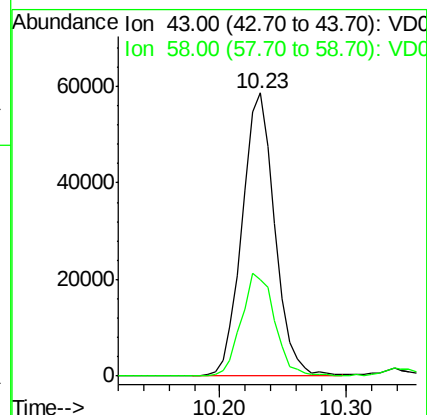
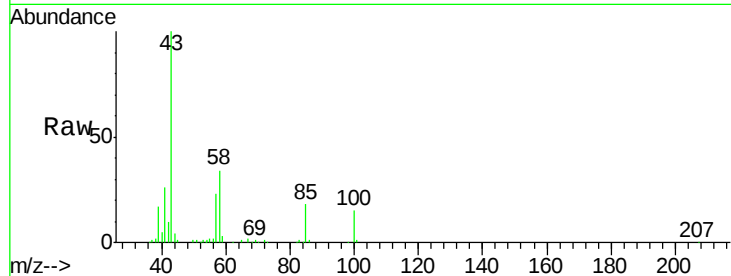
VD0619SBSD01

Tot 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

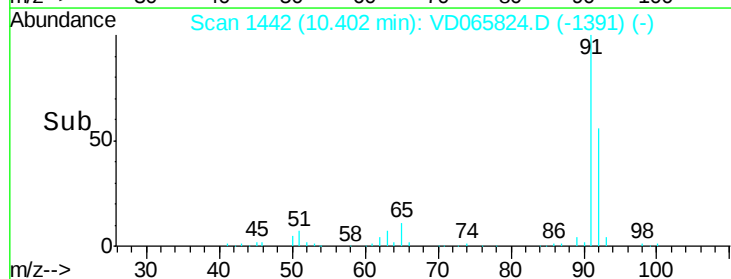
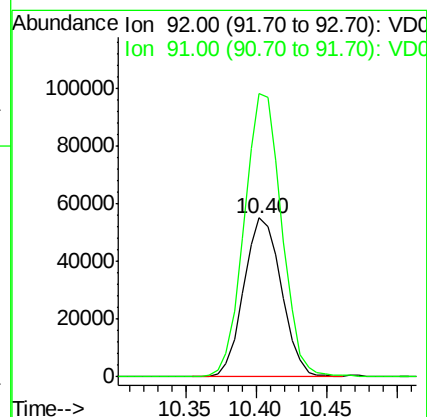
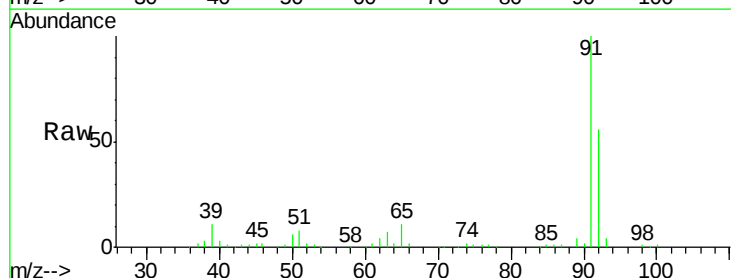
Acq: 19 Jun 2020 13:07

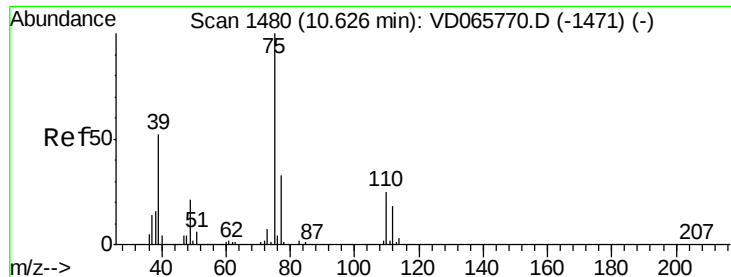
Tgt Ion: 92 Resp: 103508

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 :

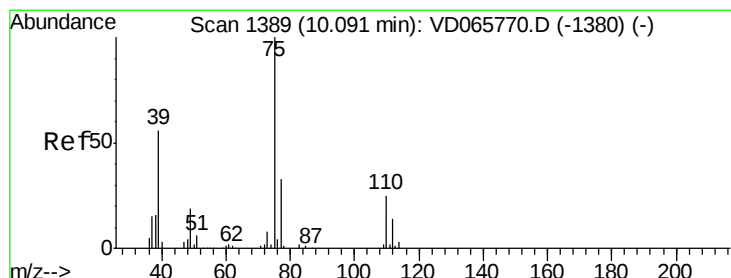
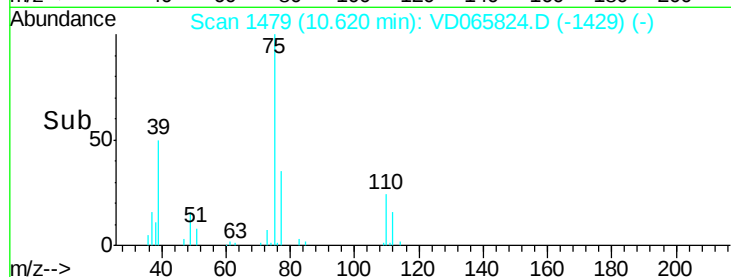
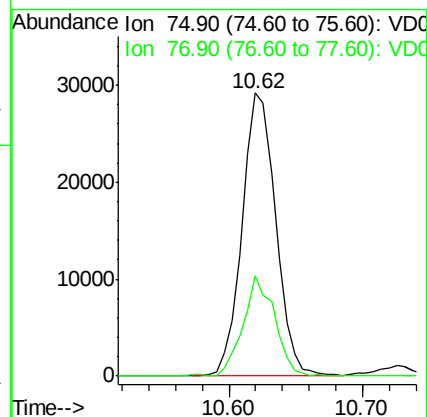
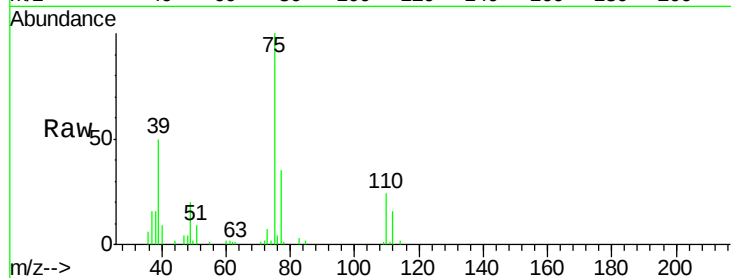
VD0619SBSD01

Tot 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

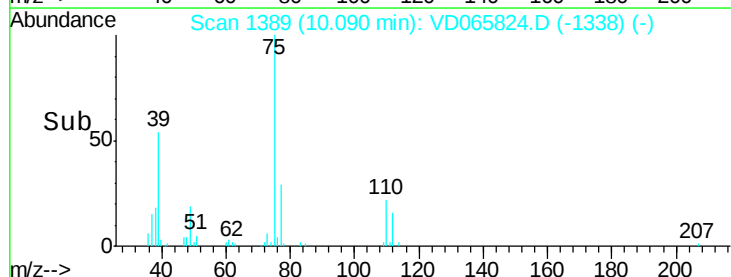
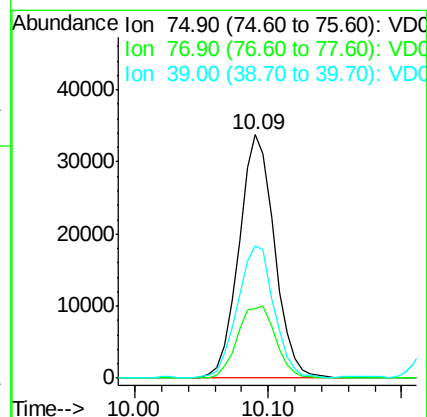
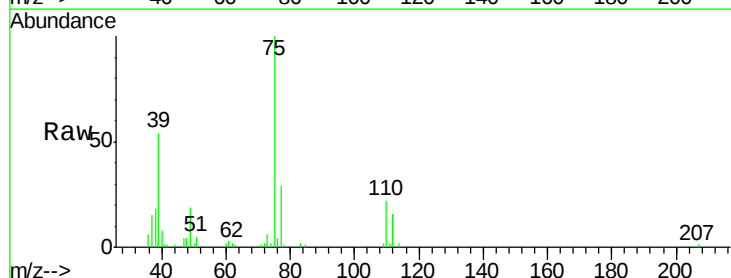
Tgt Ion: 75 Resp: 62080

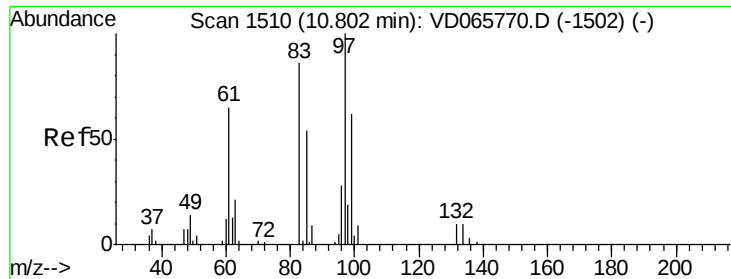
Ion Ratio Lower Upper

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

Tot Ion: 97 Resp: 27997

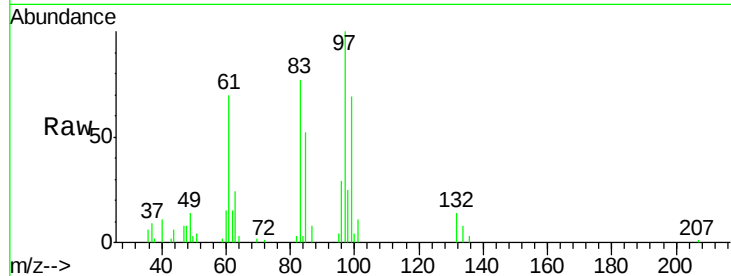
Ion	Ratio	Lower	Upper
97	100		
83	77.3	68.7	103.1
85	51.9	43.0	64.6
99	68.7	49.8	74.6

97 100

83 77.3 68.7 103.1

85 51.9 43.0 64.6

99 68.7 49.8 74.6



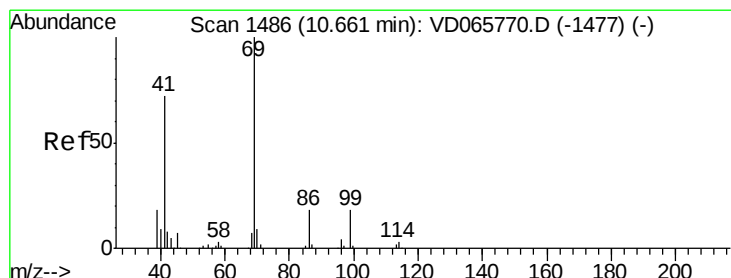
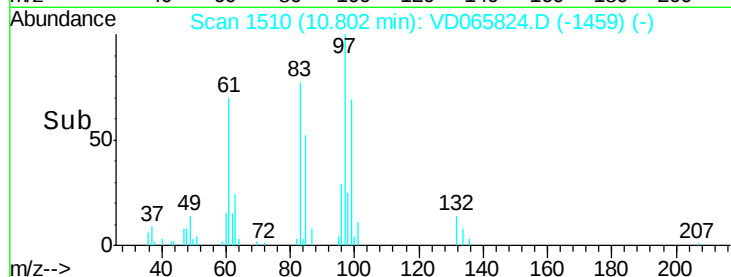
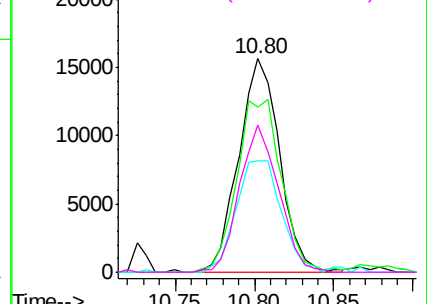
Abundance

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

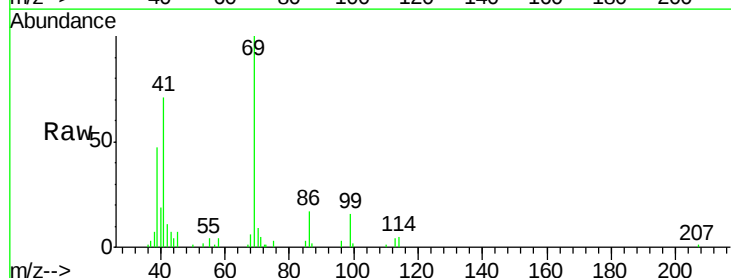
Tgt Ion: 69 Resp: 32980

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

69 100

41 69.3 56.9 85.3

39 45.6 36.0 54.0

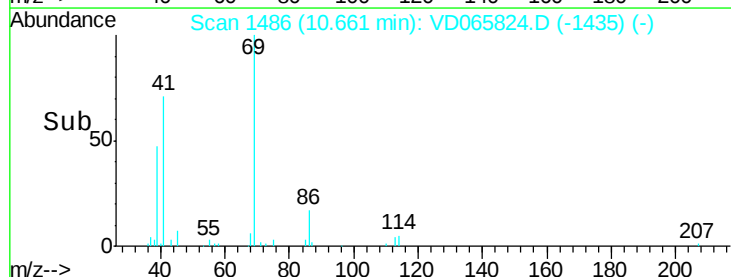
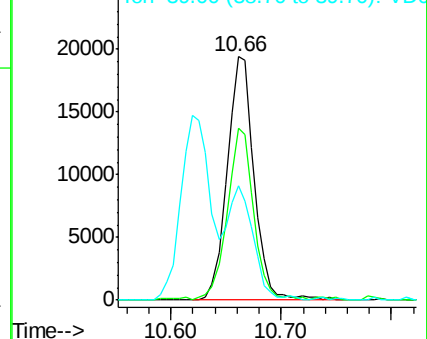


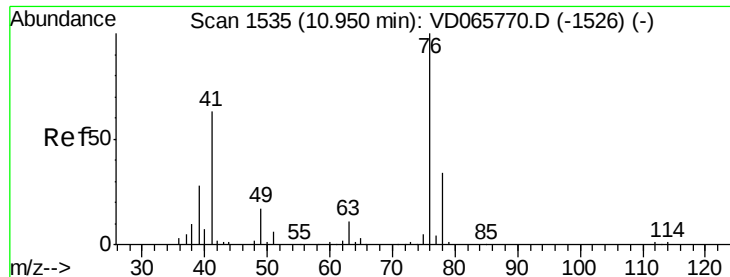
Abundance

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

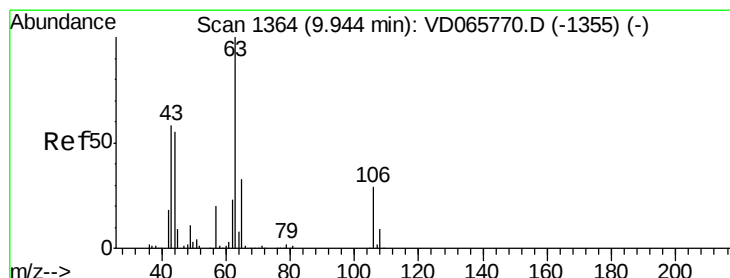
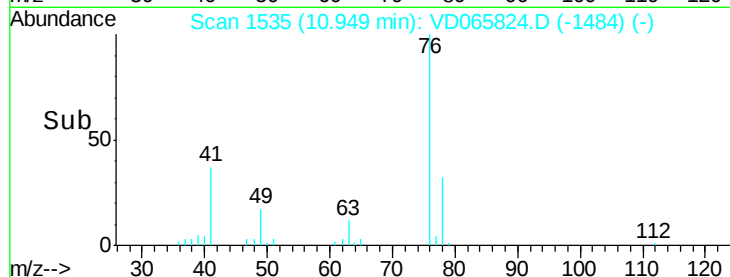
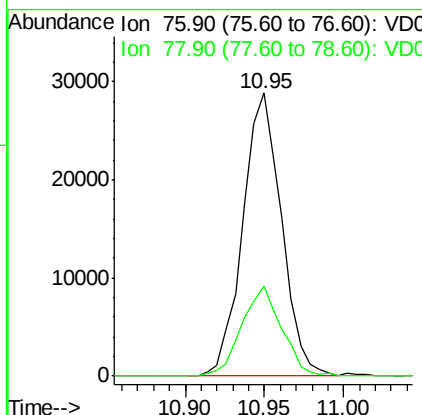
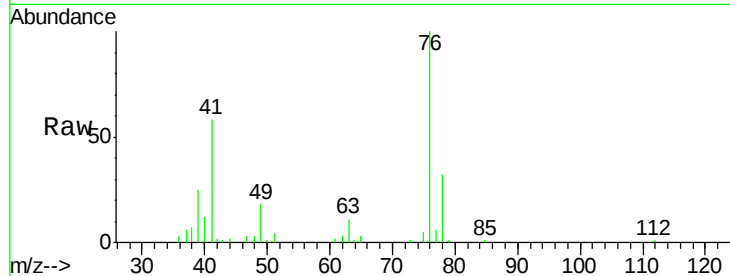




#57
 1,3-Dichloropropane
 Concen: 20.701 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

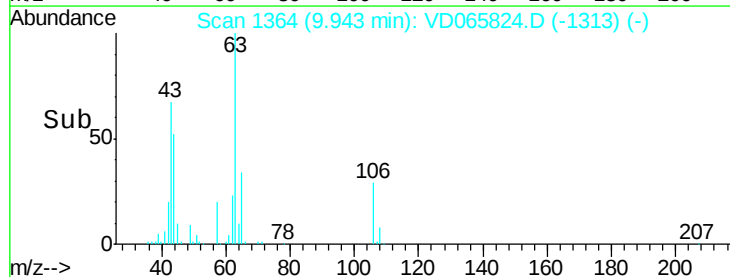
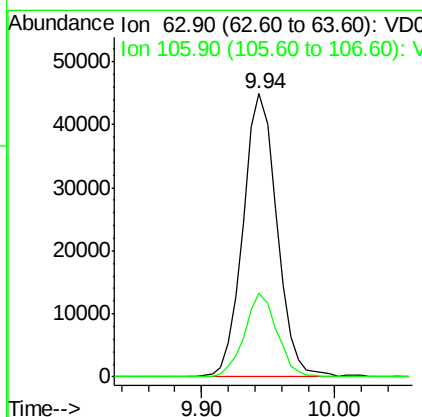
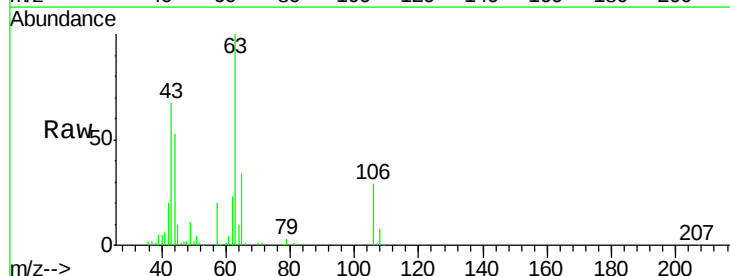
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

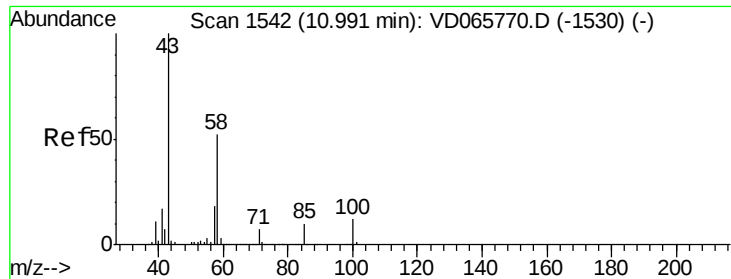
Tot Ion: 76 Resp: 48986
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#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

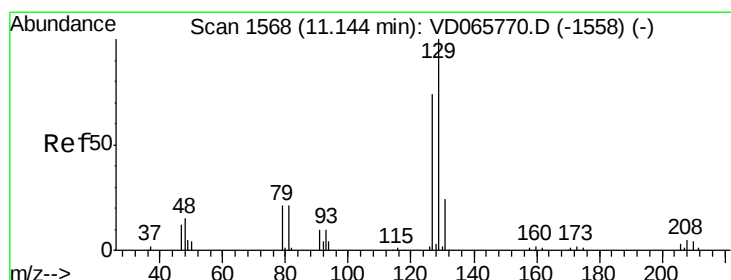
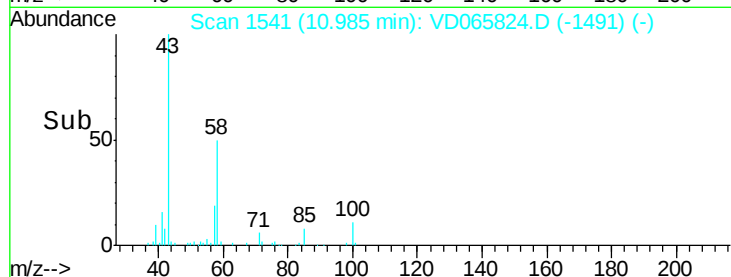
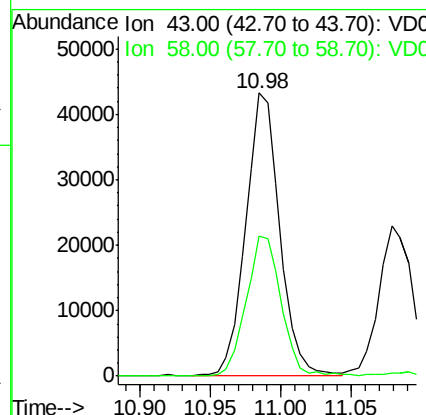
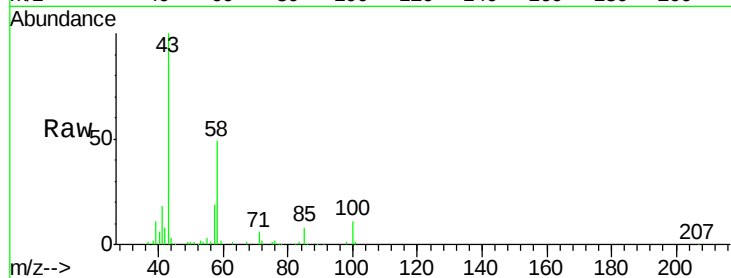




#59
2-Hexanone
Concen: 102.930 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

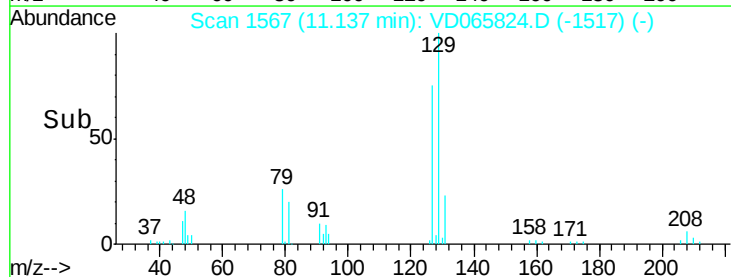
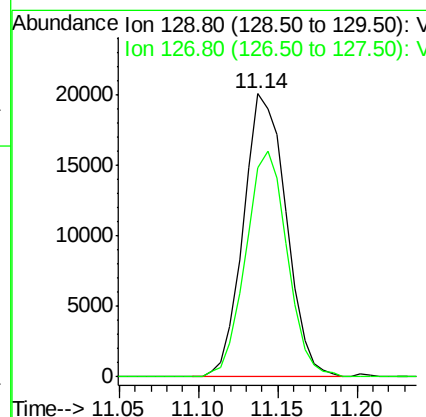
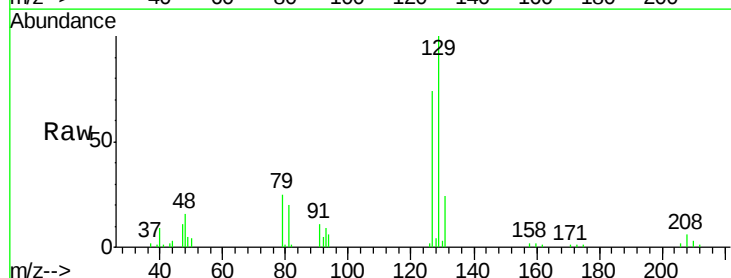
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

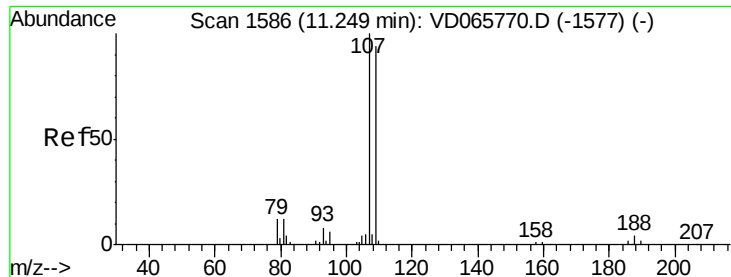
Tot Ion: 43 Resp: 73081
Ion Ratio Lower Upper
43 100
58 50.7 25.7 77.0



#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

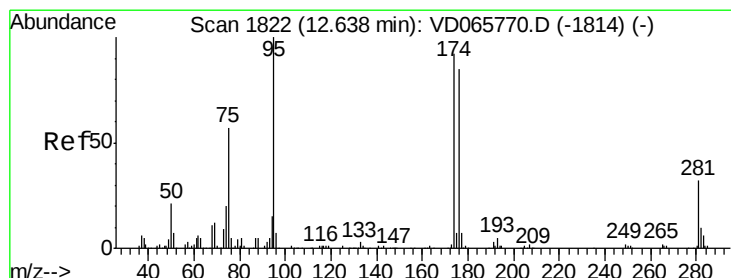
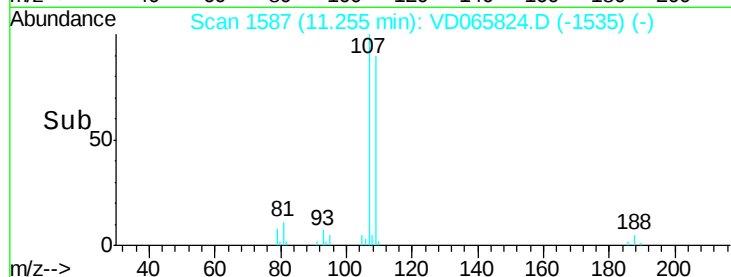
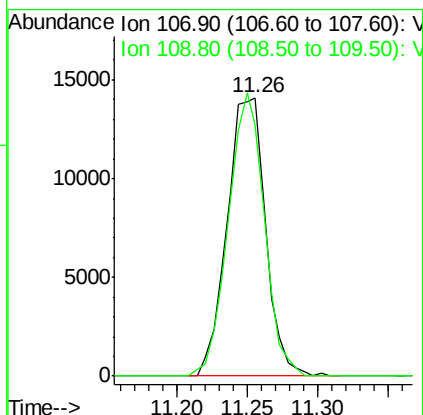
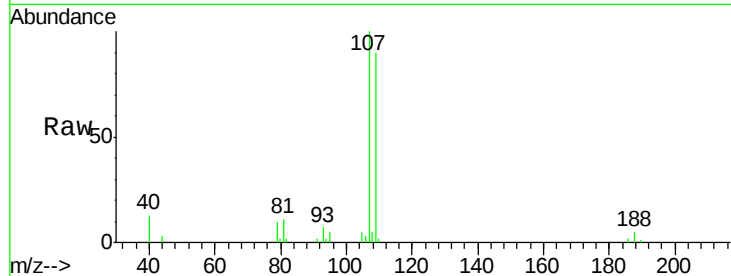




#61
 1,2-Dibromoethane
 Concen: 19.959 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

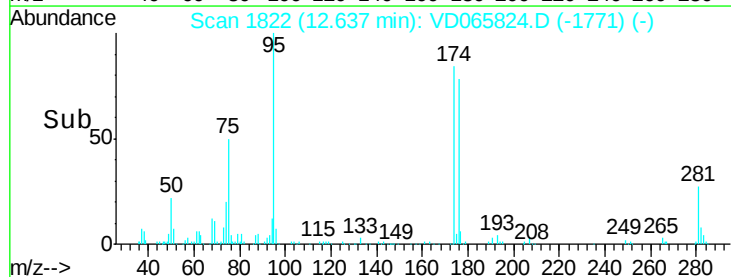
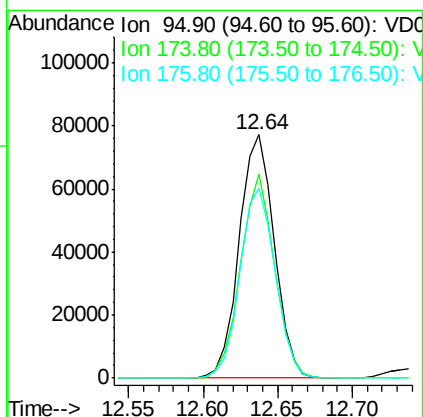
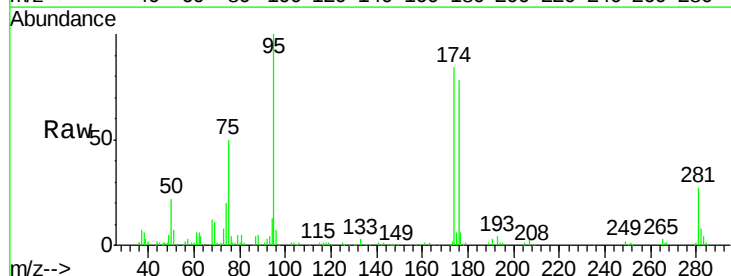
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

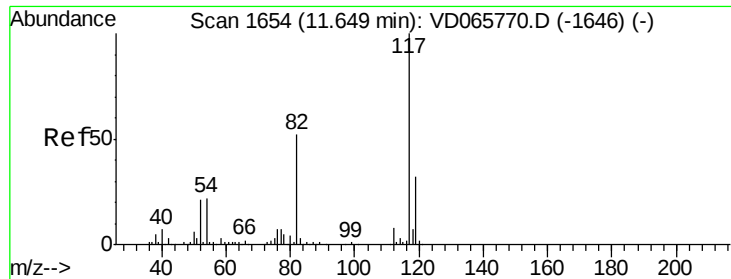
Tot Ion:107 Resp: 26791
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.4 111.6



#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

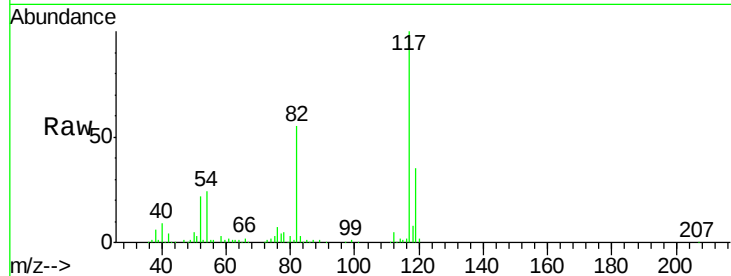




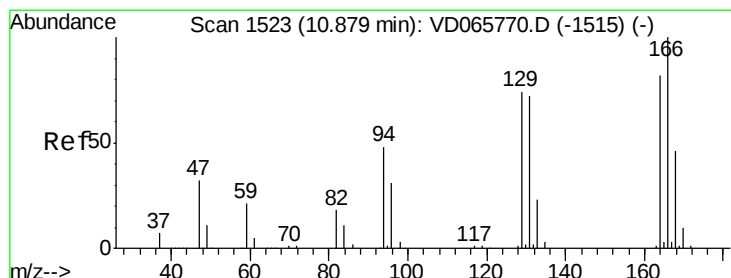
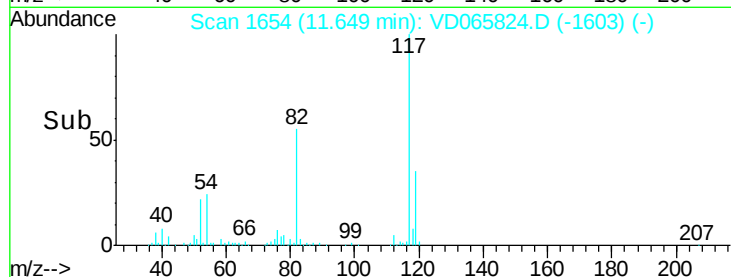
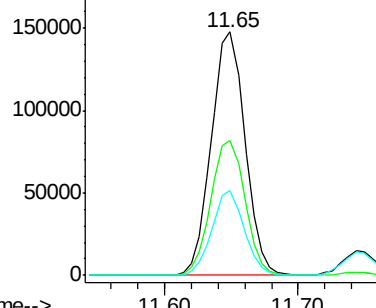
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

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

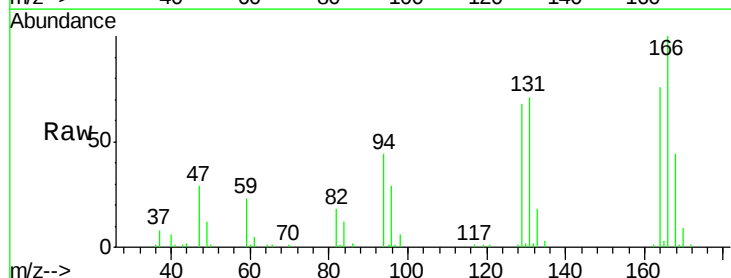


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

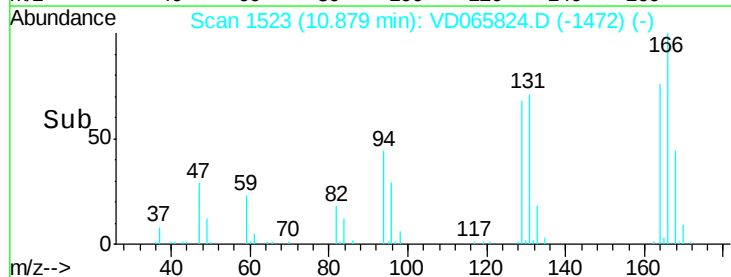
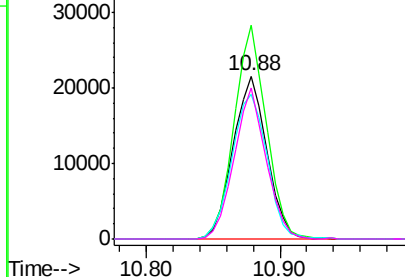


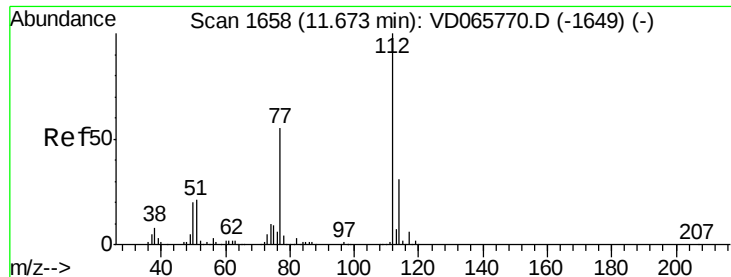
#64
Tetrachloroethene
Concen: 21.701 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

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

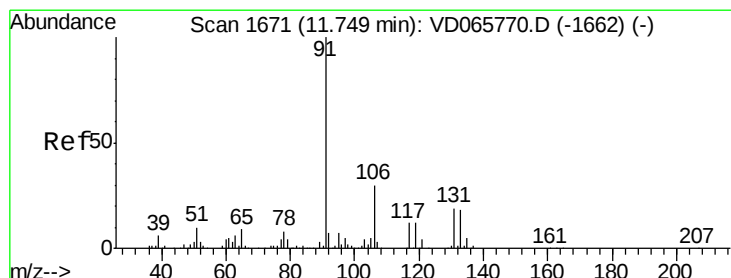
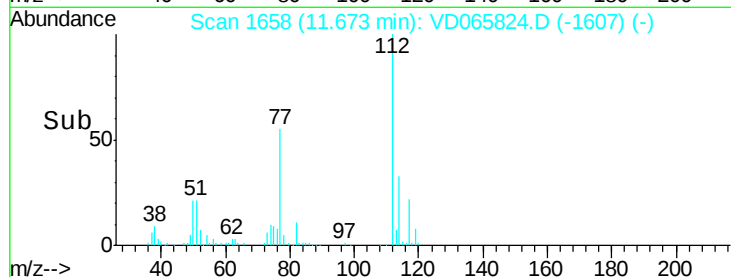
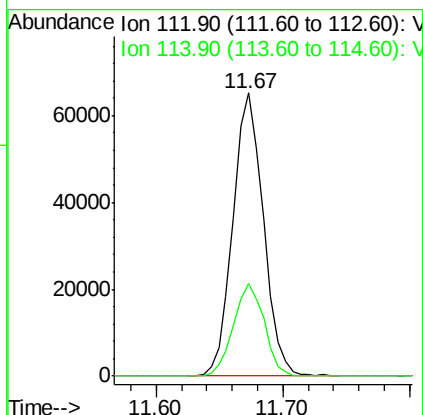
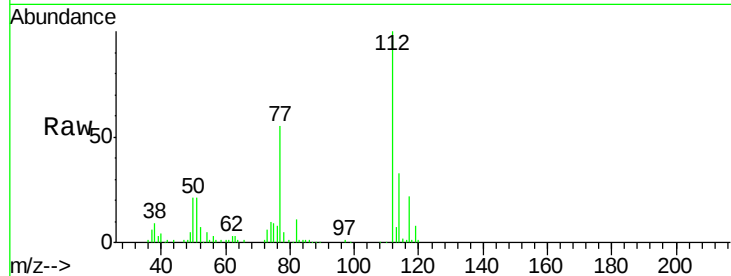




#65
Chlorobenzene
Concen: 21.457 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

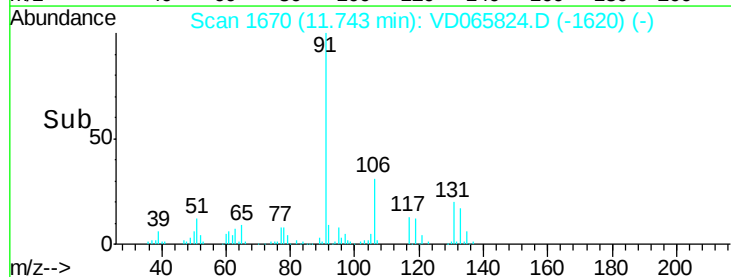
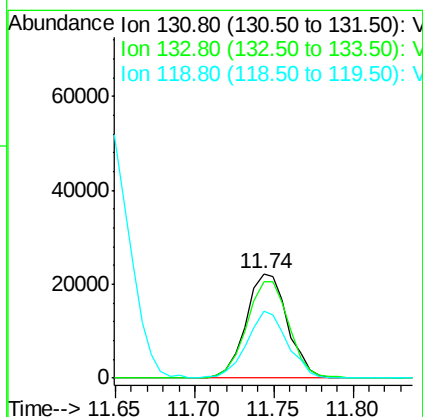
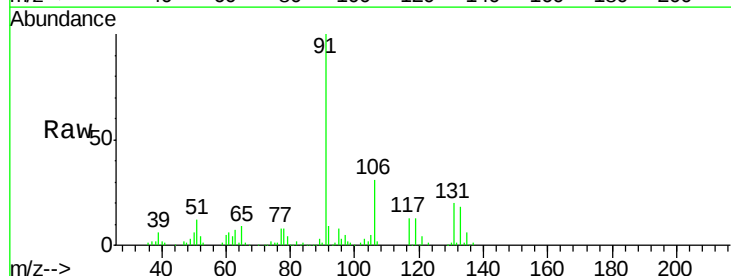
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

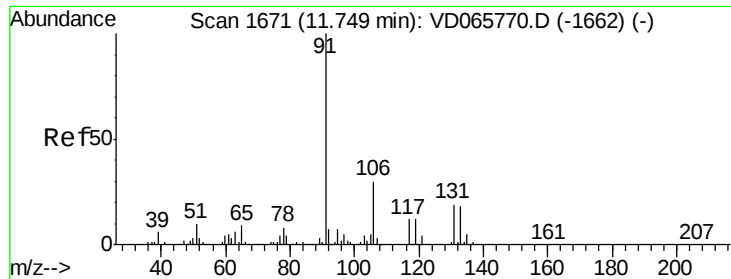
Tot Ion:112 Resp: 108515
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1



#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

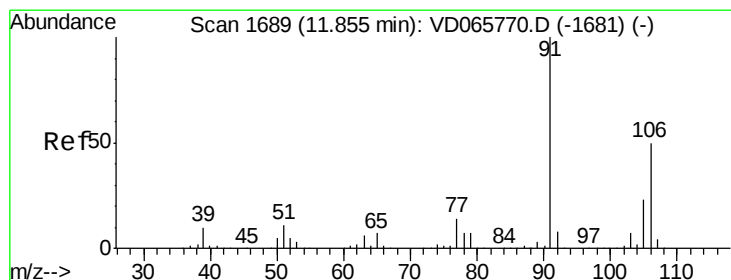
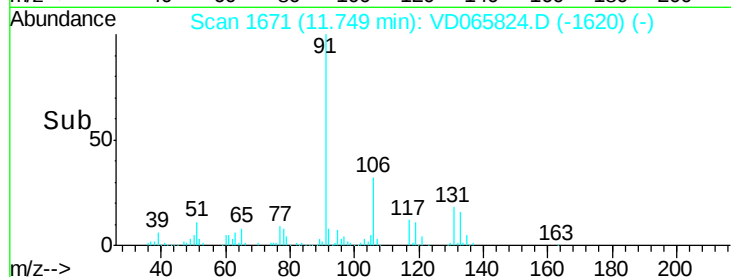
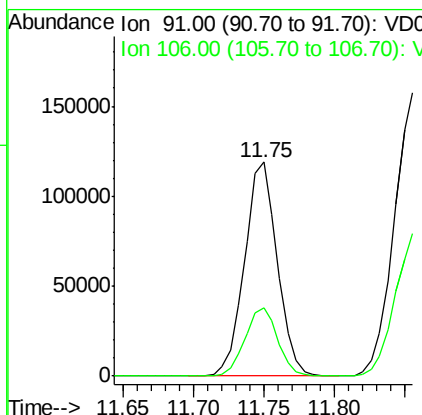
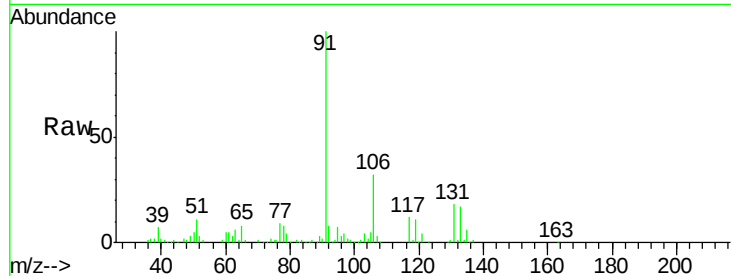




#67
Ethyl Benzene
Concen: 21.484 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

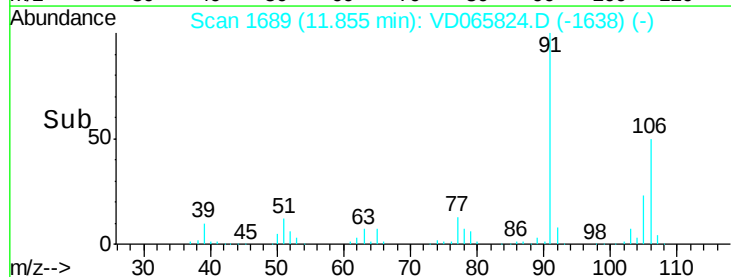
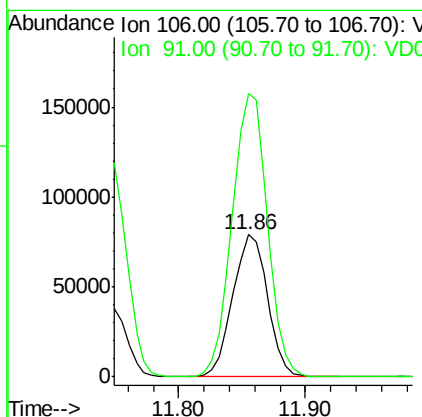
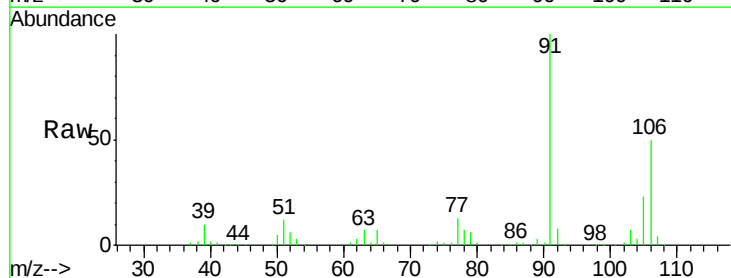
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

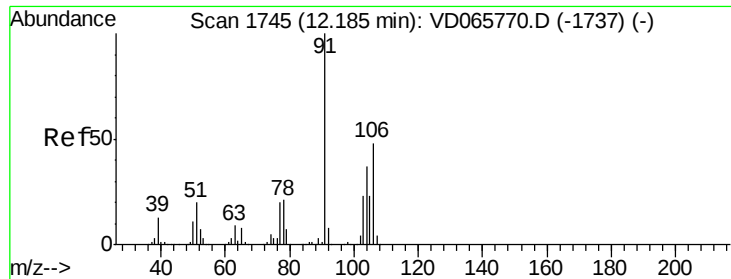
Tot Ion: 91 Resp: 194099
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1



#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

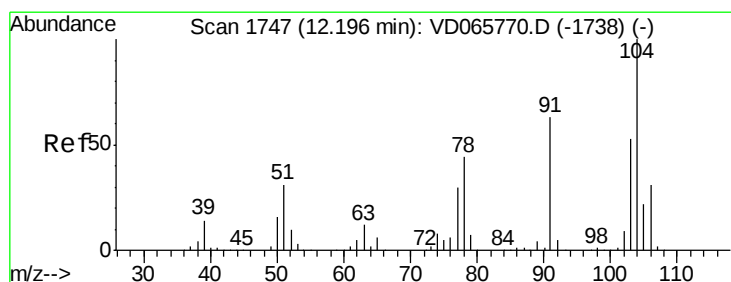
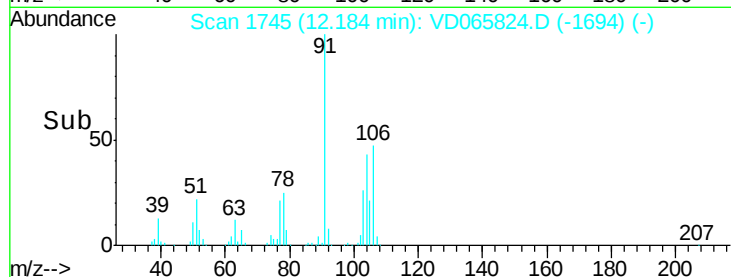
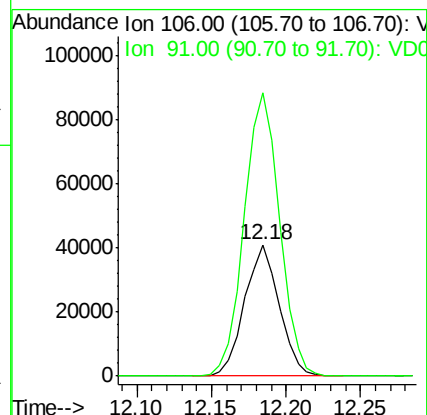
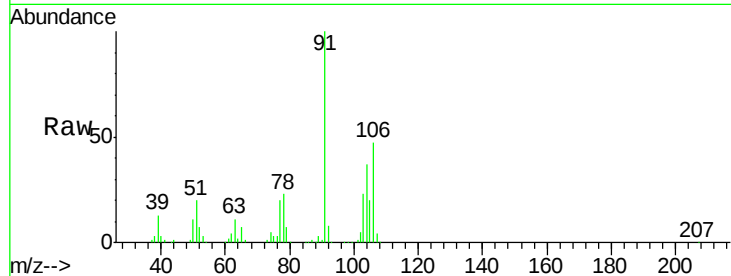




#69
o-Xylene
Concen: 21.020 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

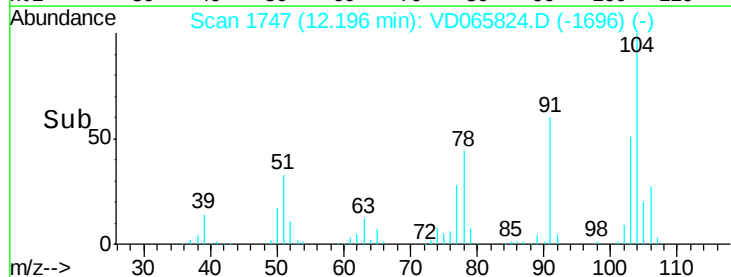
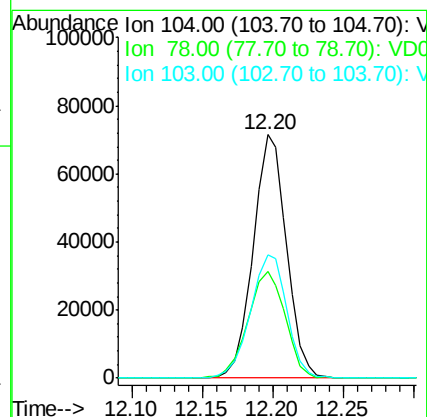
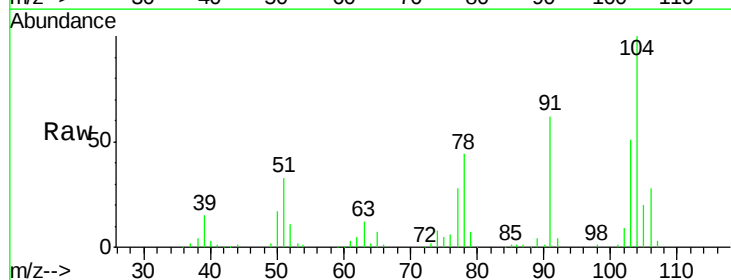
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

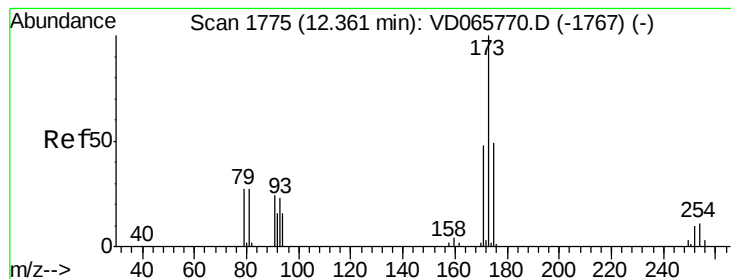
Tot Ion:106 Resp: 65953
Ion Ratio Lower Upper
106 100
91 220.0 105.3 315.8



#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

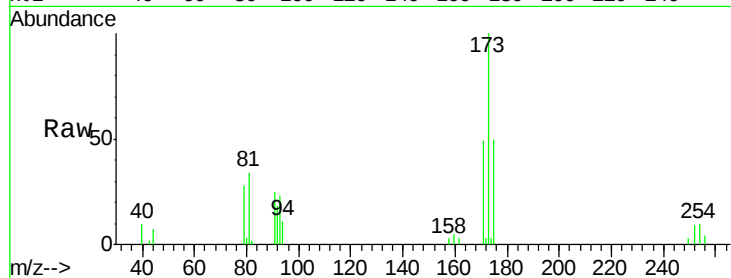
Tot Ion:173 Resp: 21274

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.4

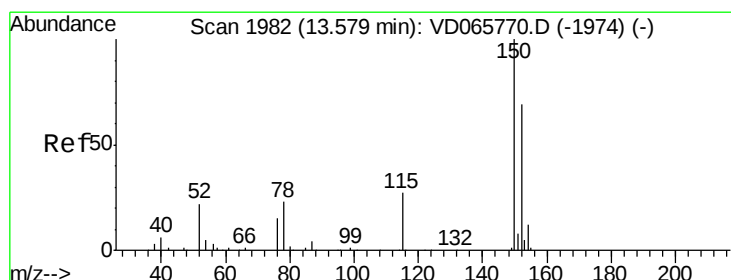
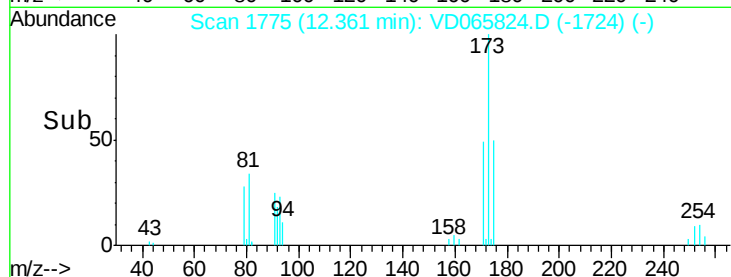
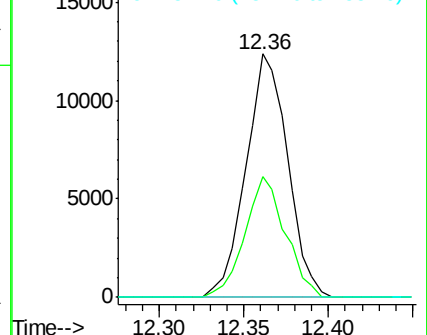
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065824.D

Acq: 19 Jun 2020 13:07

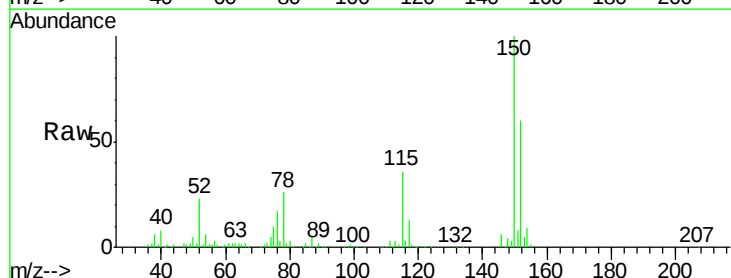
Tgt Ion:152 Resp: 133030

Ion Ratio Lower Upper

152 100

115 58.1 28.7 86.1

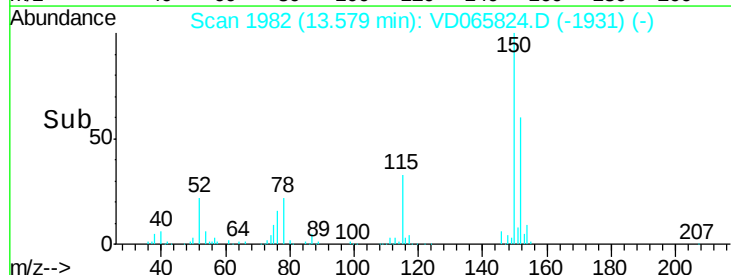
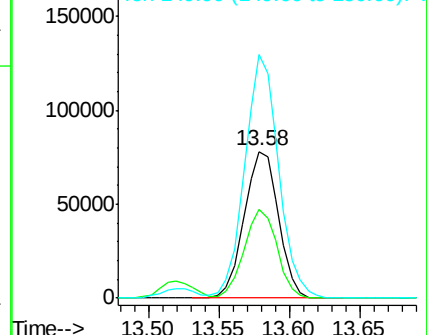
150 163.3 0.0 348.0

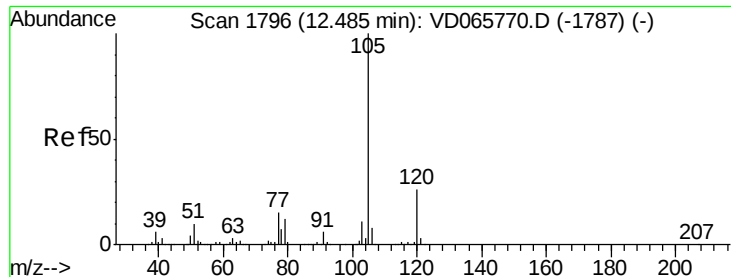


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 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 :

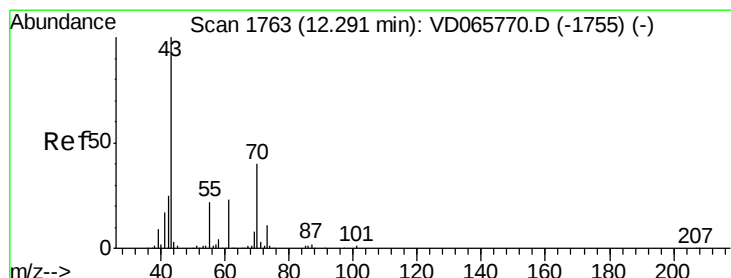
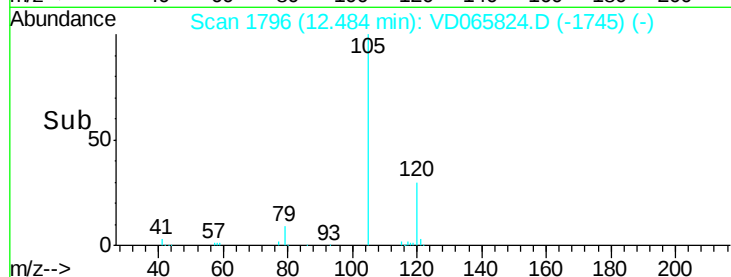
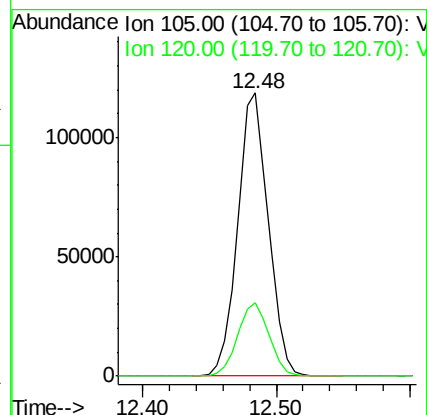
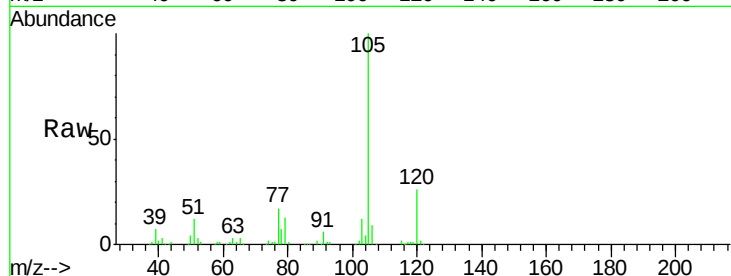
VD0619SBSD01

Tot 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

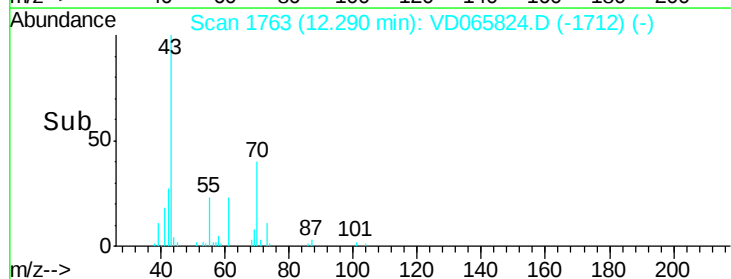
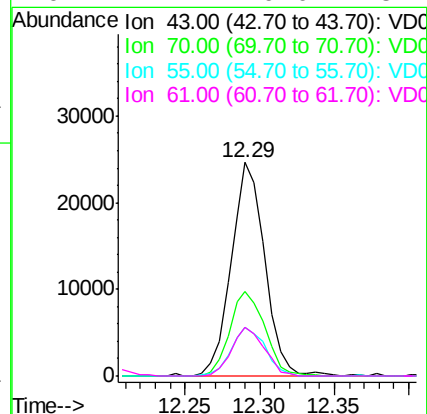
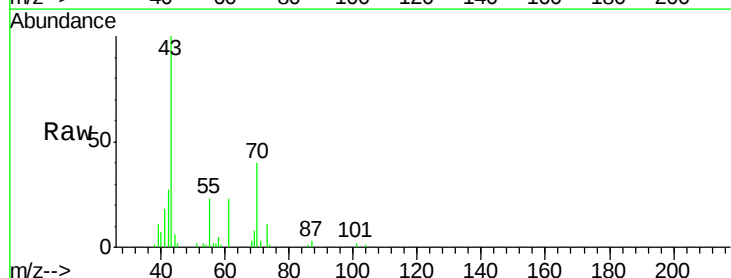
Ion Ratio Lower Upper

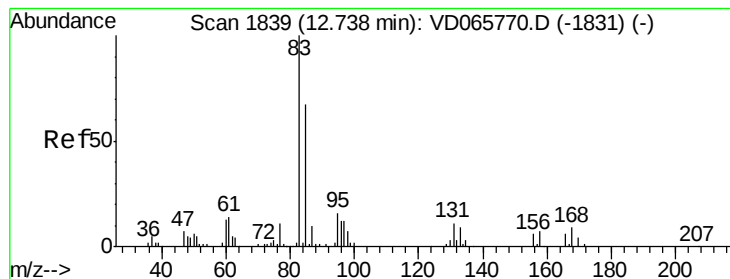
43 100

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

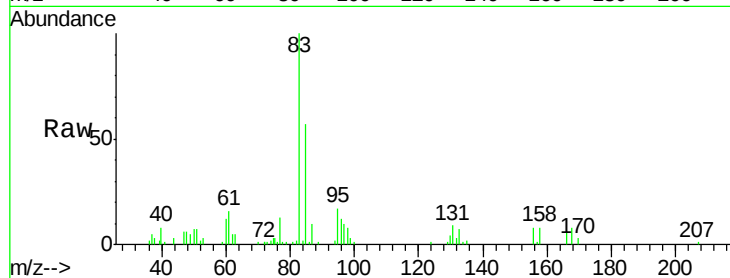
Tot Ion: 83 Resp: 31307

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

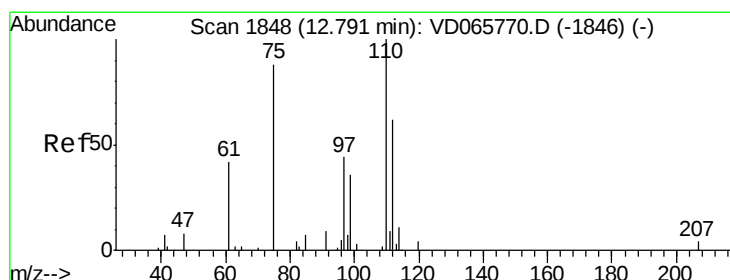
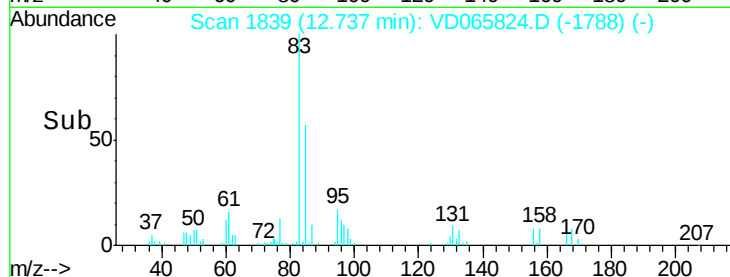
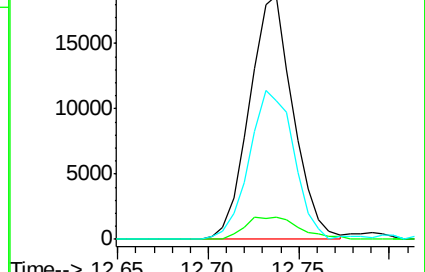
85 62.5 32.5 97.5



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: 21.608 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065824.D

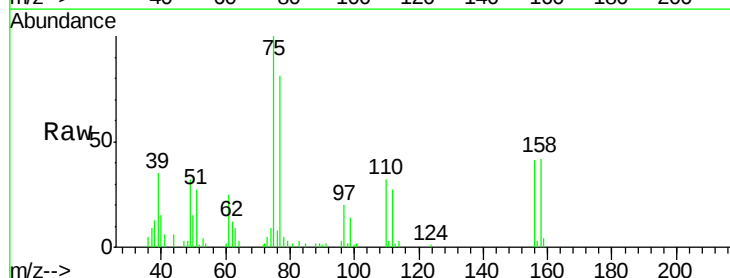
Acq: 19 Jun 2020 13:07

Tgt Ion: 75 Resp: 22356

Ion Ratio Lower Upper

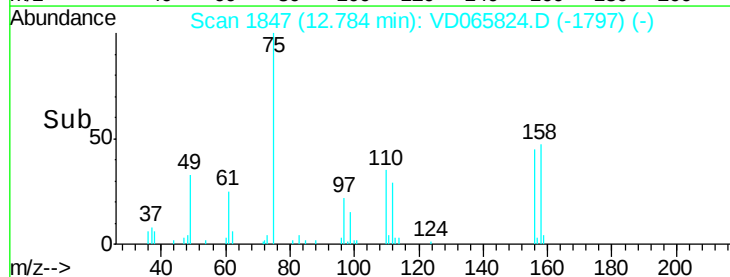
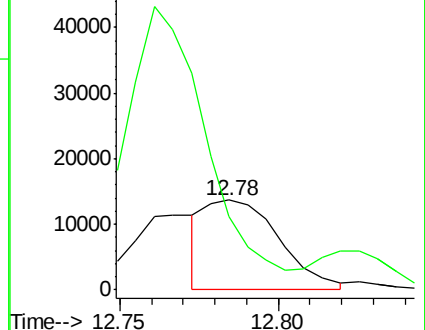
75 100

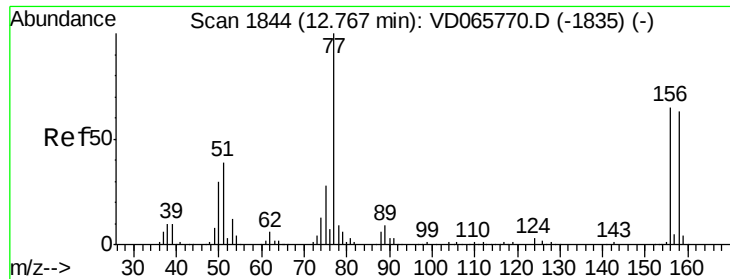
77 0.0 0.0 0.0



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

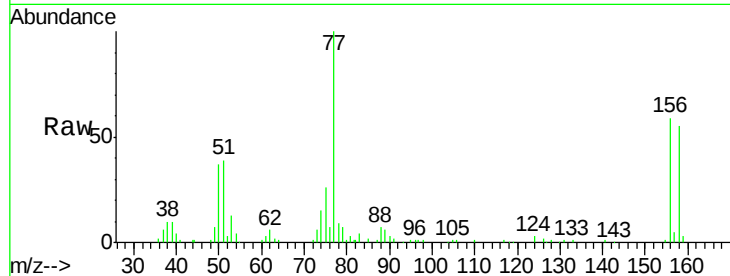
Tot Ion:156 Resp: 44596

Ion Ratio Lower Upper

156 100

77 177.0 87.3 261.8

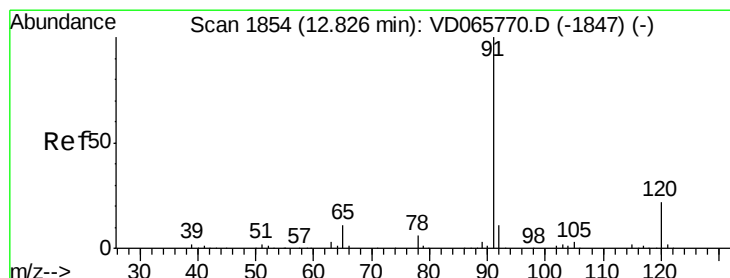
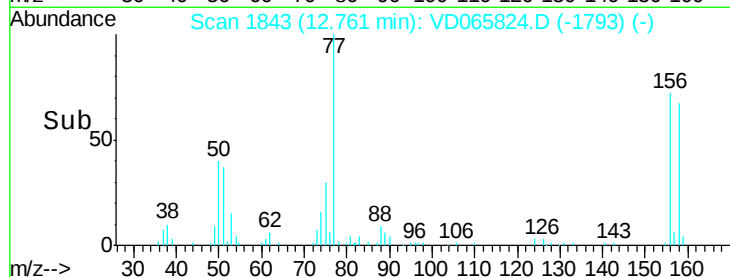
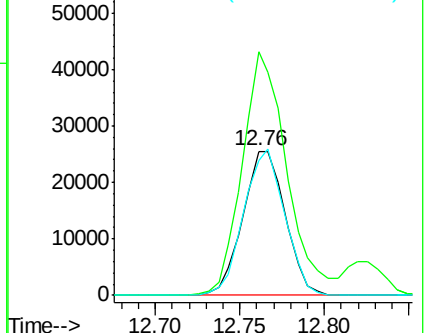
158 98.3 48.0 144.0



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

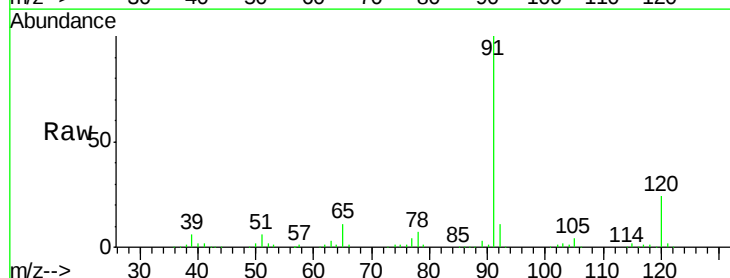
Acq: 19 Jun 2020 13:07

Tgt Ion: 91 Resp: 230885

Ion Ratio Lower Upper

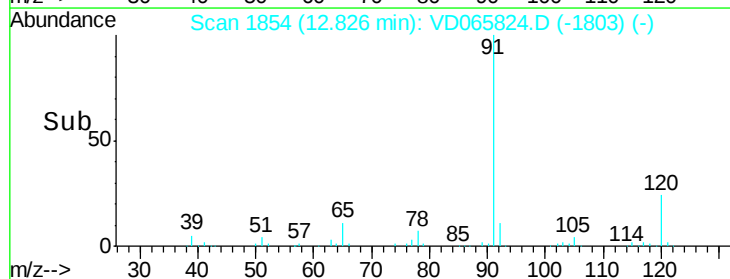
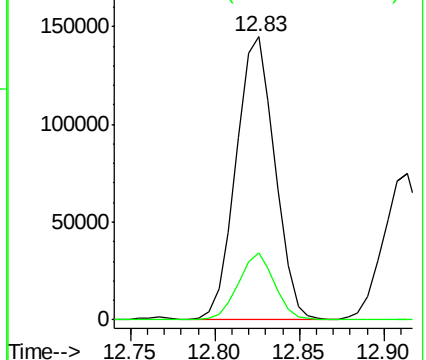
91 100

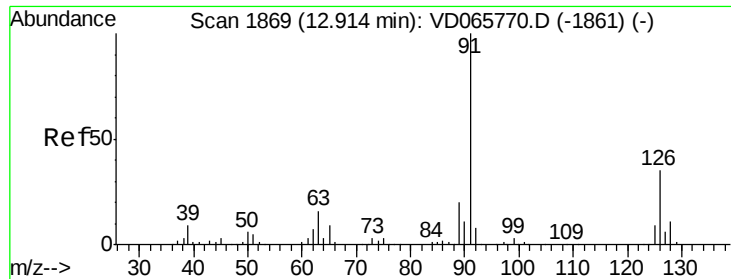
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

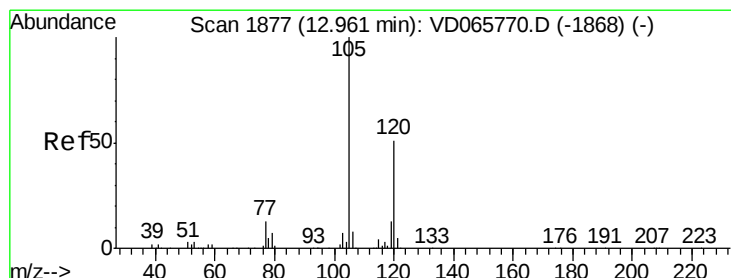
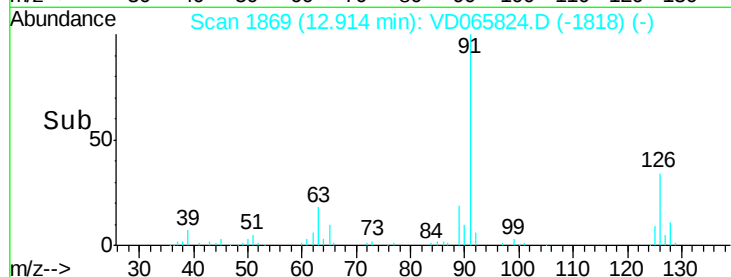
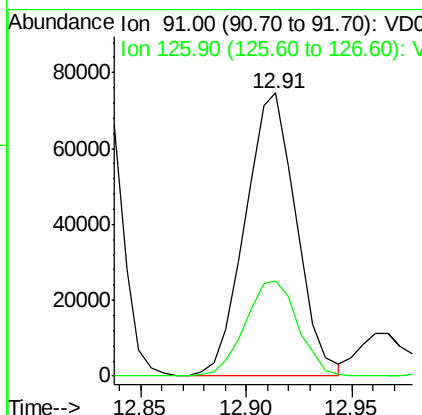
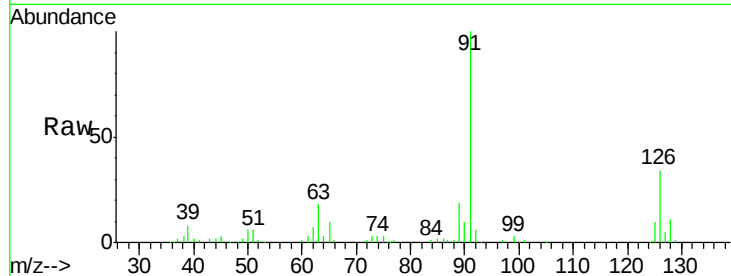




#79
2-Chlorotoluene
Concen: 21.173 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

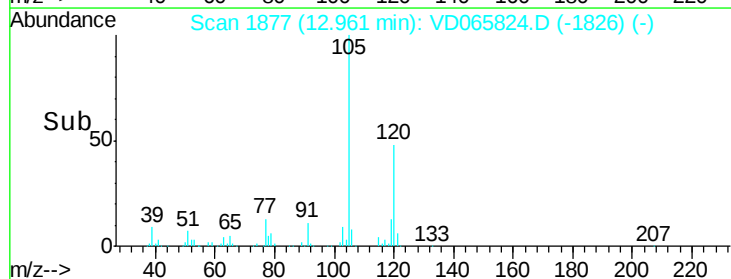
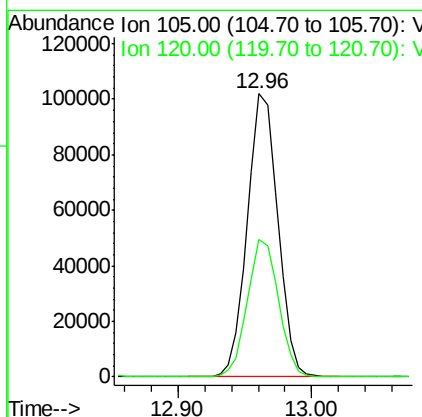
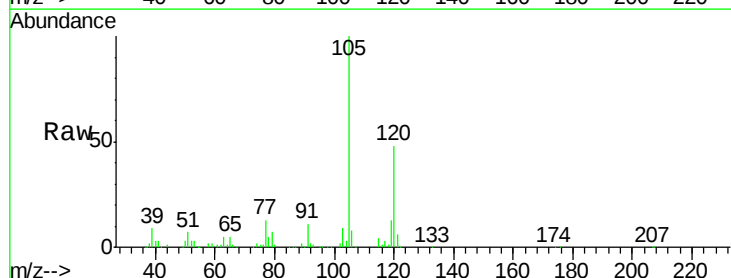
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

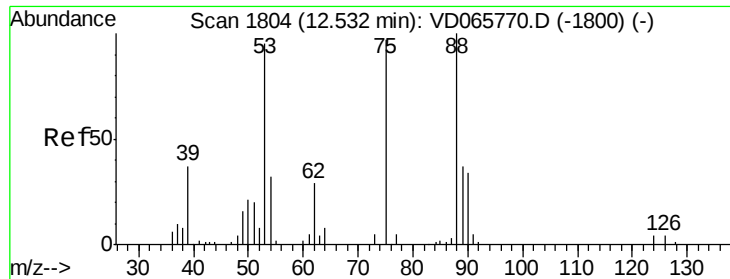
Tot Ion: 91 Resp: 124705
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6



#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

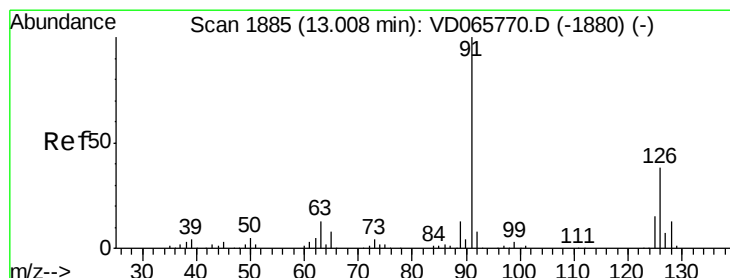
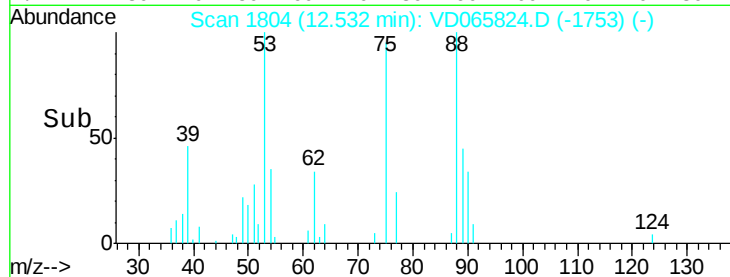
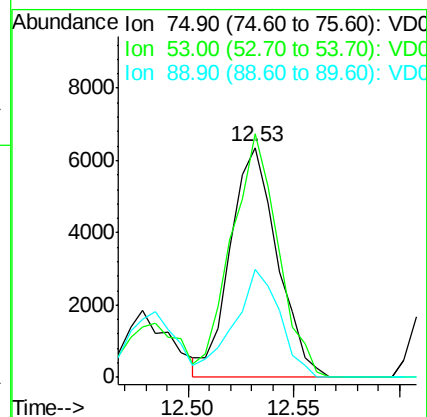
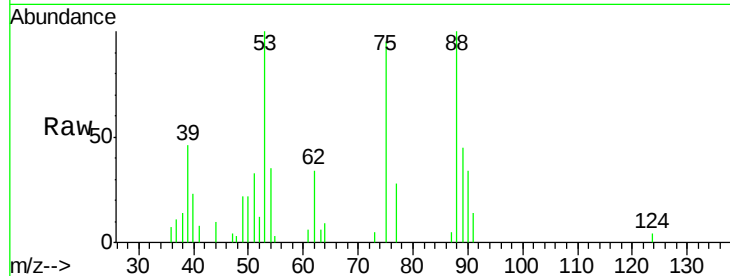
Tot Ion: 75 Resp: 9829

Ion Ratio Lower Upper

75 100

53 105.3 82.6 123.8

89 46.0 35.9 53.9



#82

4-Chlorotoluene

Concen: 21.330 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065824.D

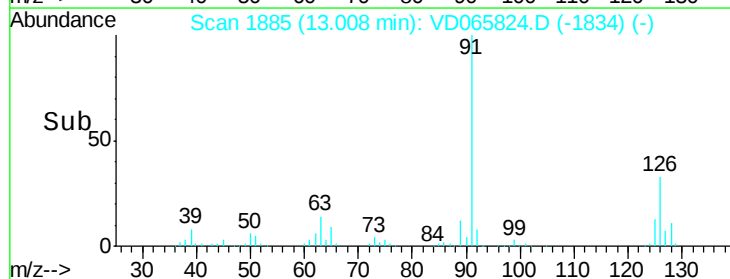
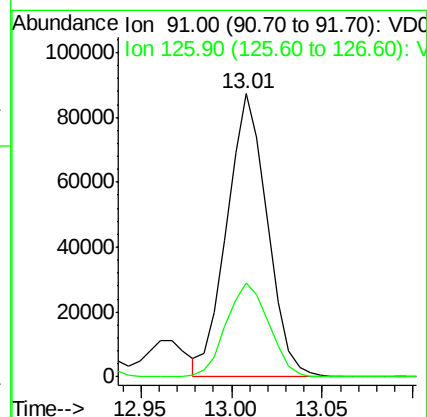
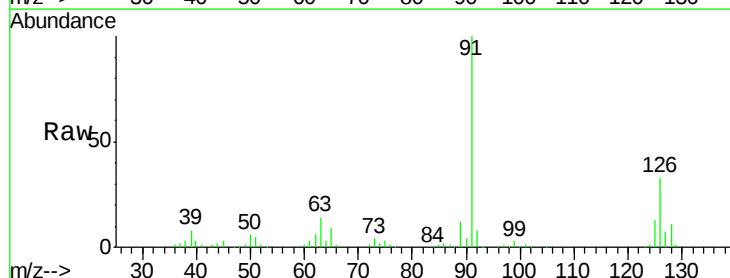
Acq: 19 Jun 2020 13:07

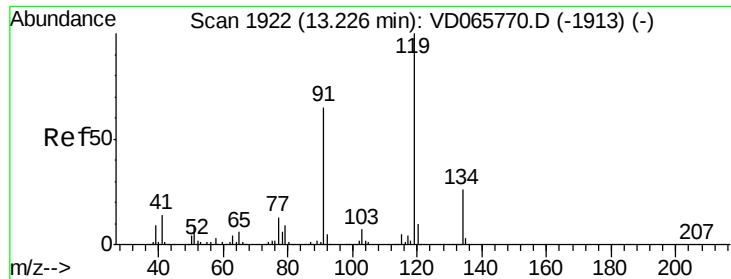
Tgt Ion: 91 Resp: 134844

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8

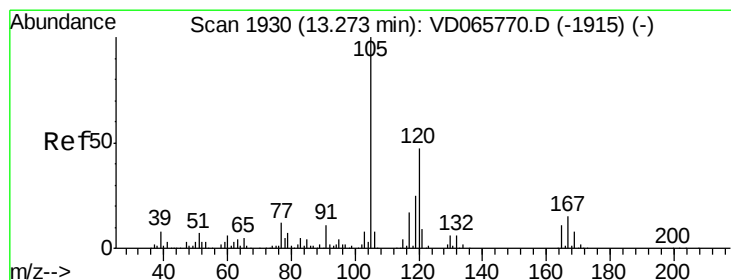
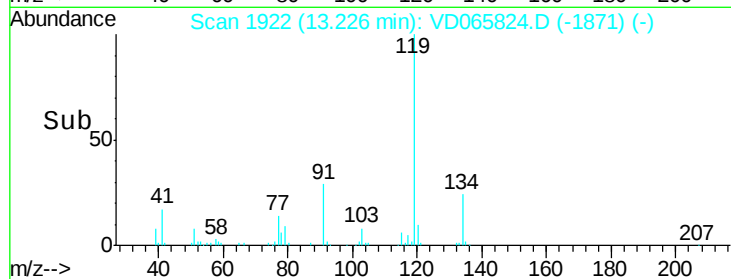
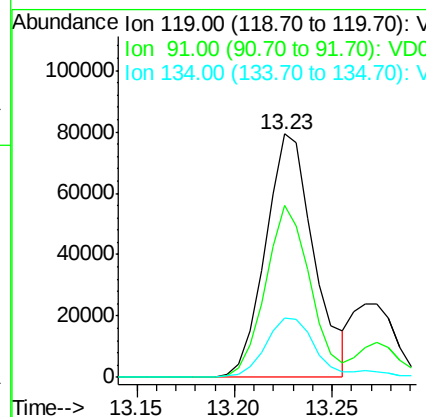
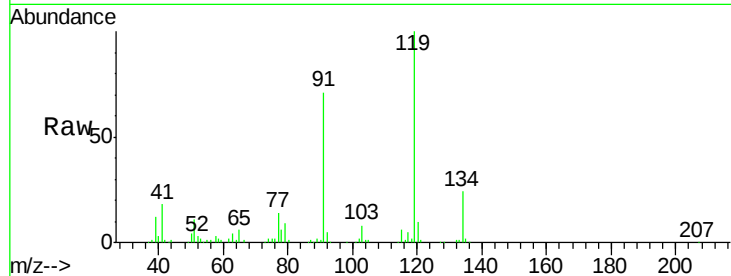




#83
tert-Butylbenzene
Concen: 21.092 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

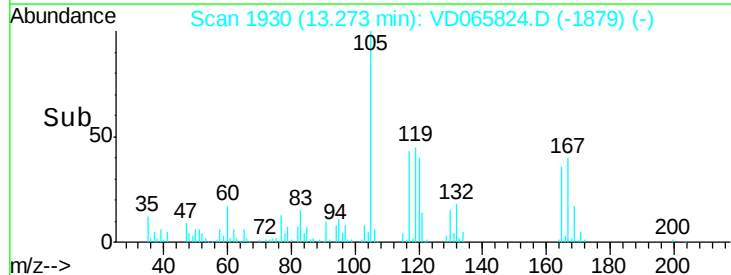
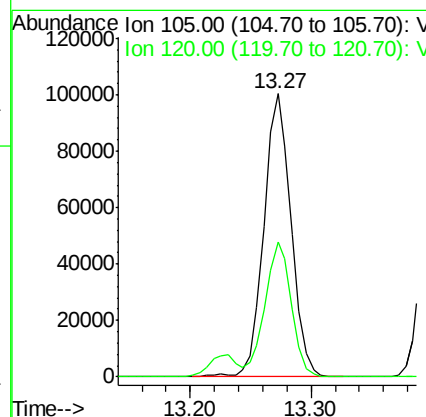
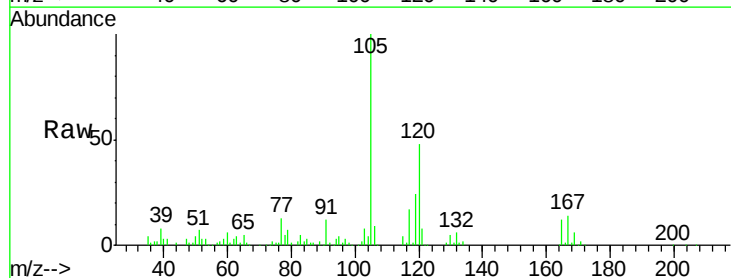
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

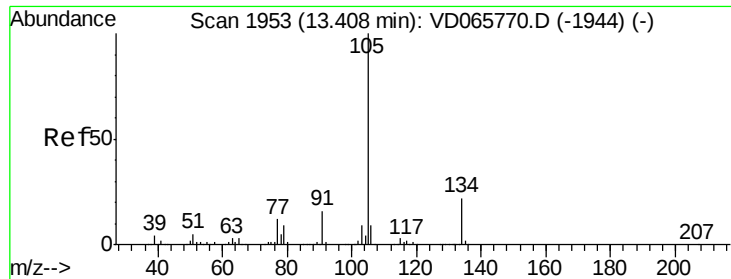
Tot Ion:119 Resp: 135838
Ion Ratio Lower Upper
119 100
91 65.4 32.0 96.0
134 26.4 13.8 41.4



#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 :

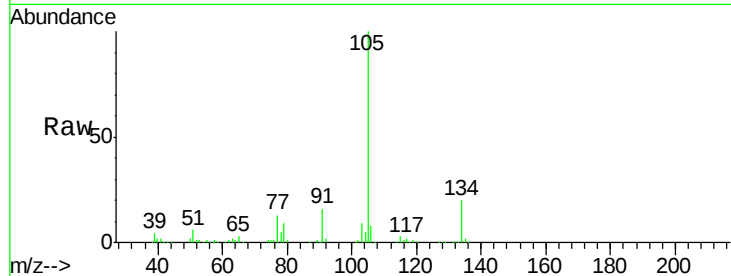
VD0619SBS01

Tot Ion:105 Resp: 196189

Ion Ratio Lower Upper

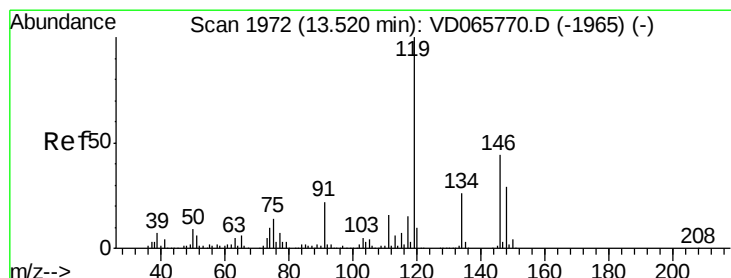
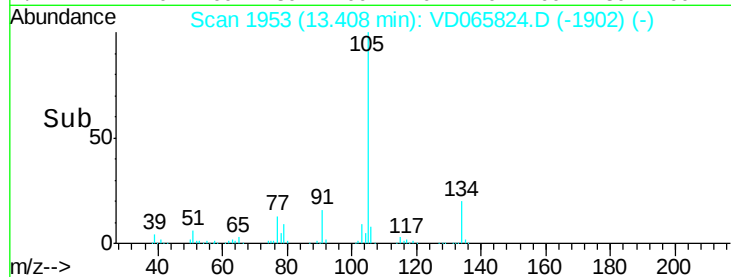
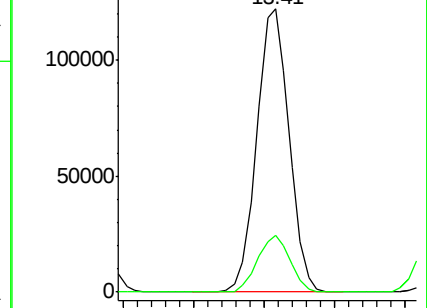
105 100

134 20.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 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

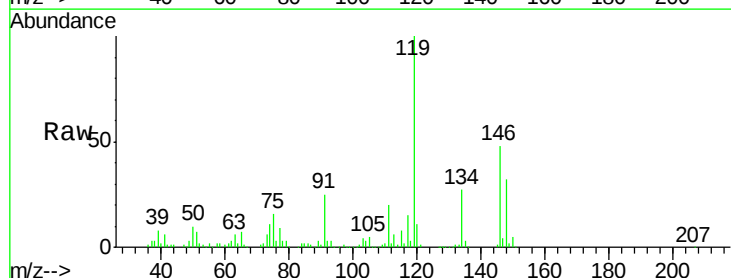
Tgt Ion:119 Resp: 175718

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

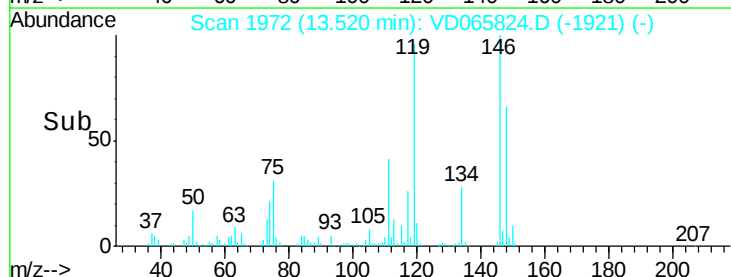
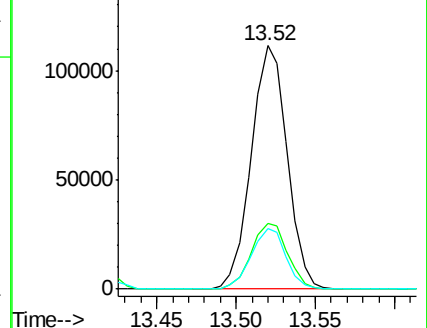
91 24.0 11.8 35.4

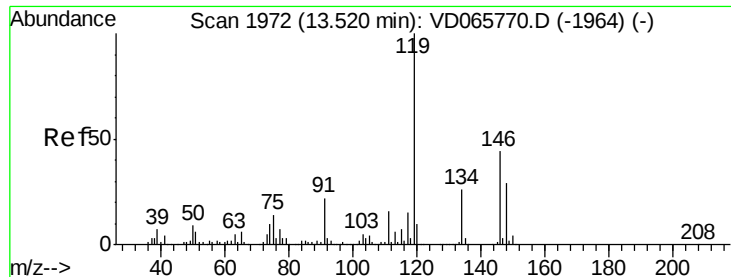


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 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

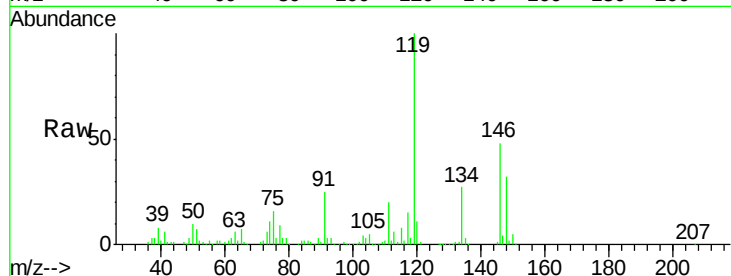
Tot Ion:146 Resp: 86204

Ion Ratio Lower Upper

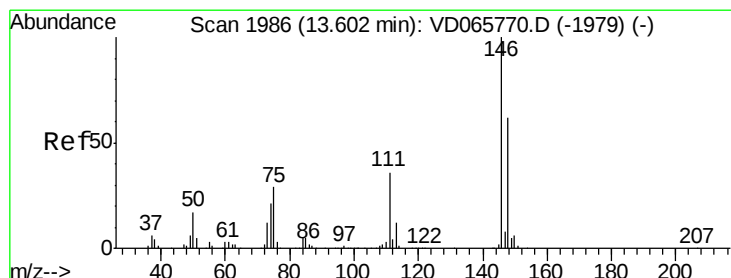
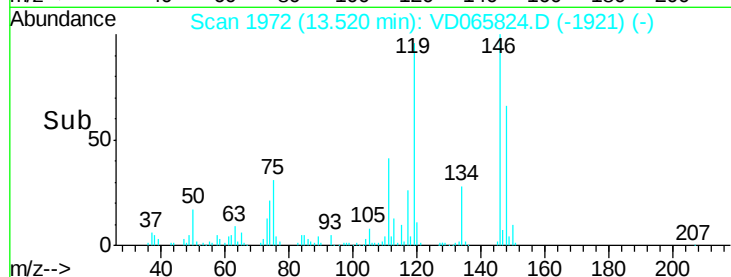
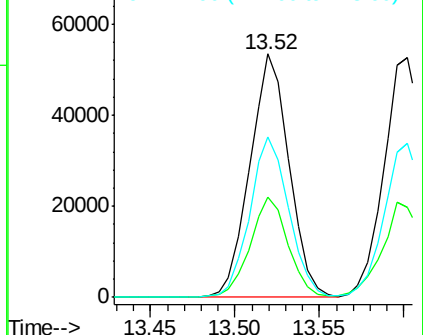
146 100

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

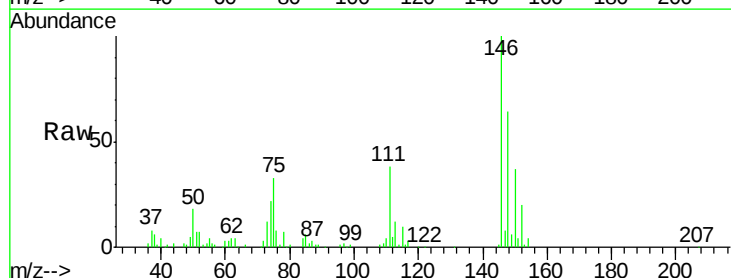
Tgt Ion:146 Resp: 87845

Ion Ratio Lower Upper

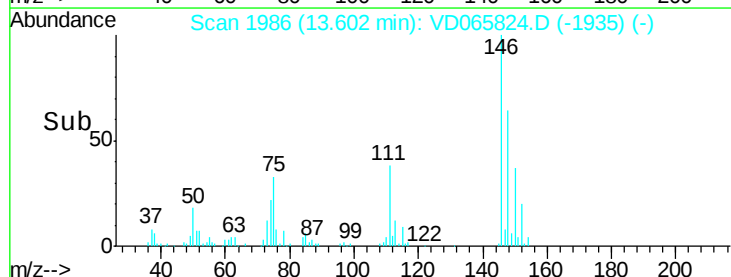
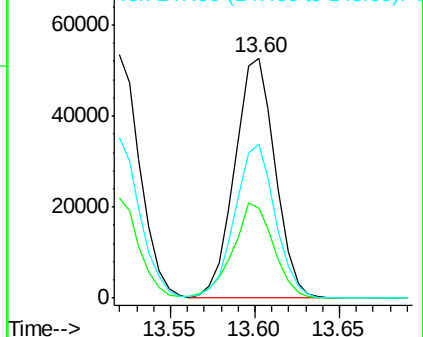
146 100

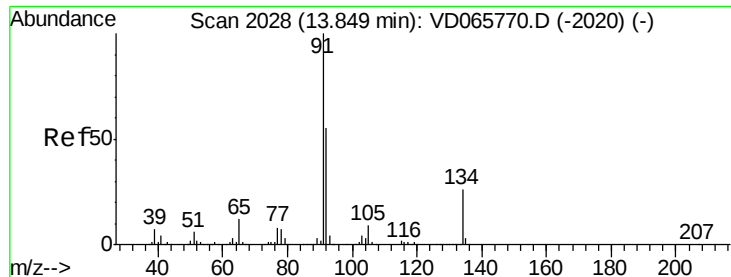
111 40.1 18.9 56.7

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

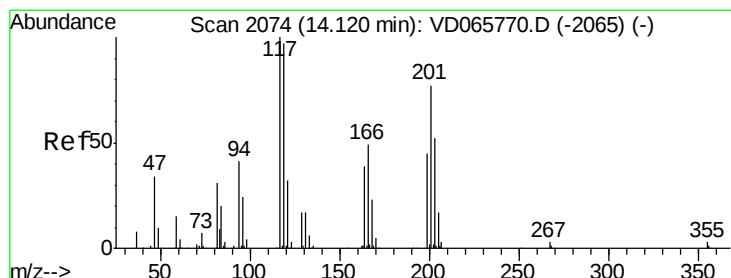
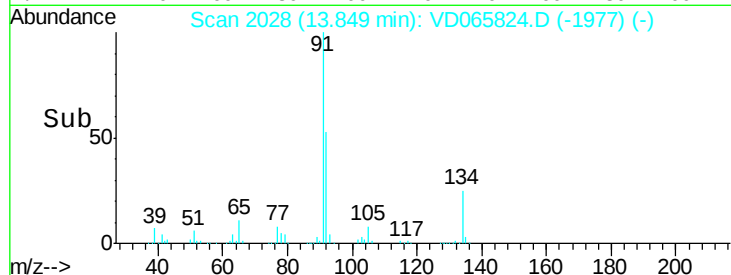
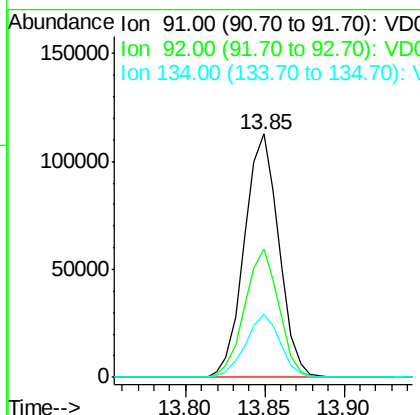
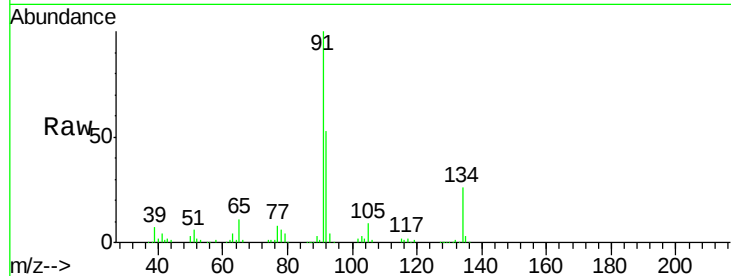




#89
n-Butylbenzene
Concen: 21.766 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

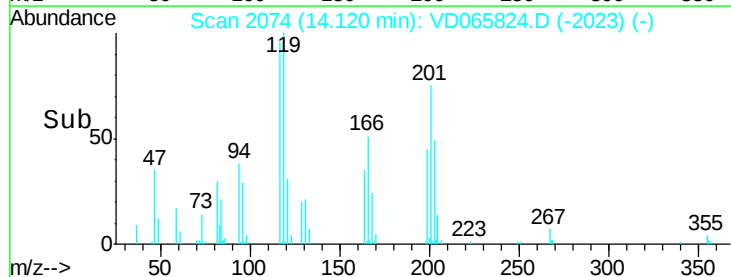
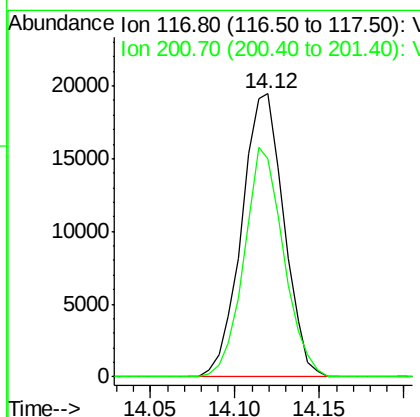
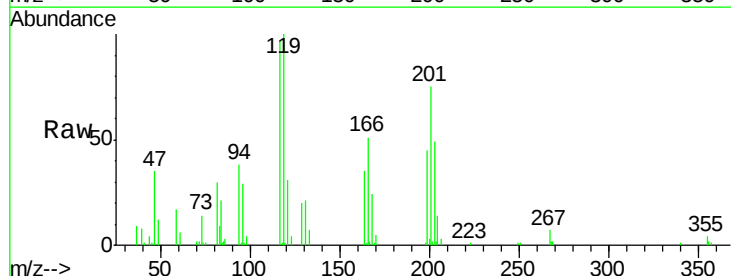
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

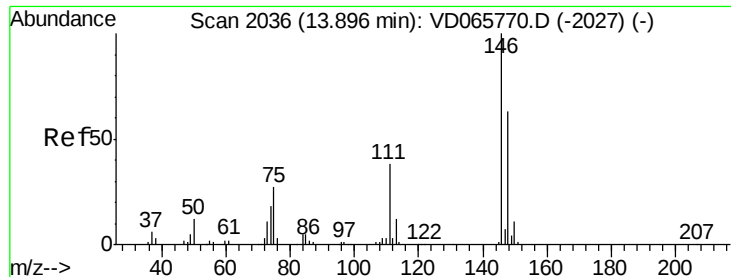
Tot Ion: 91 Resp: 170528
Ion Ratio Lower Upper
91 100
92 52.0 27.0 81.0
134 25.6 13.0 39.0



#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

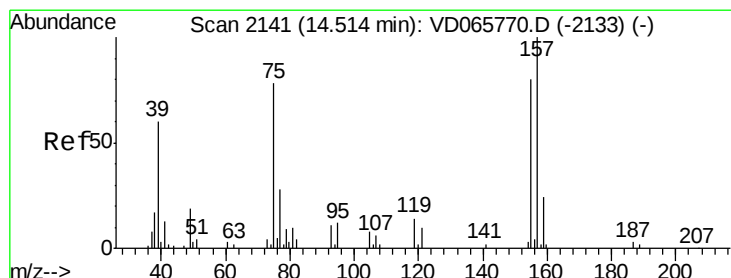
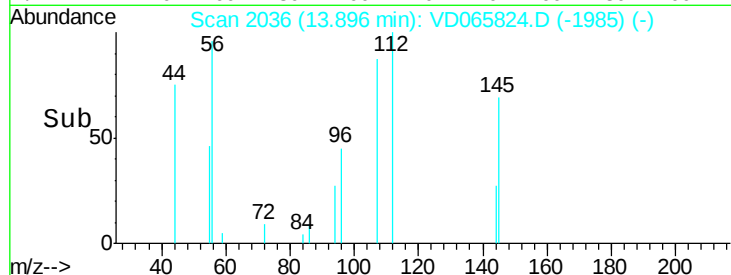
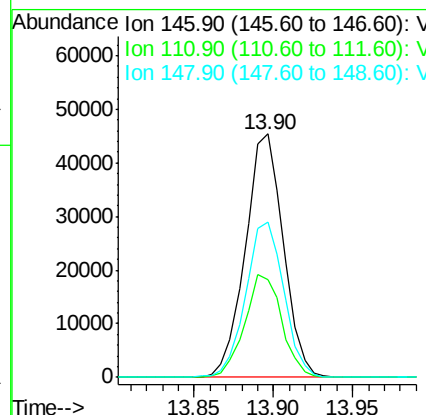
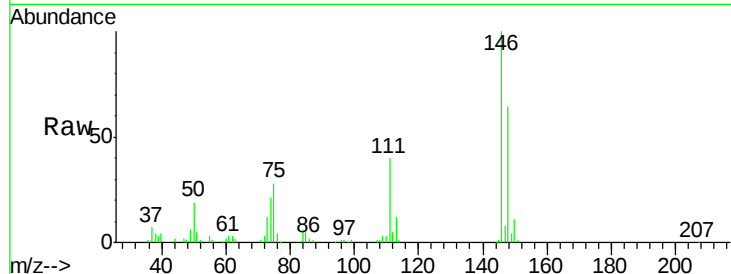




#91
 1,2-Dichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

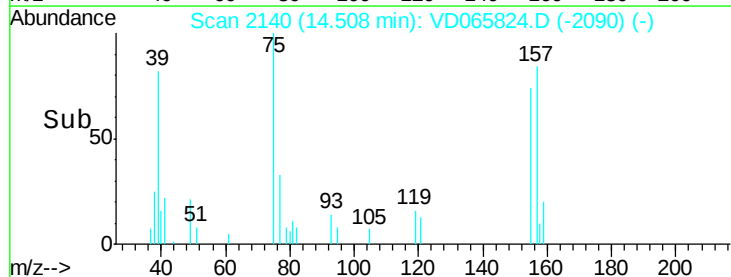
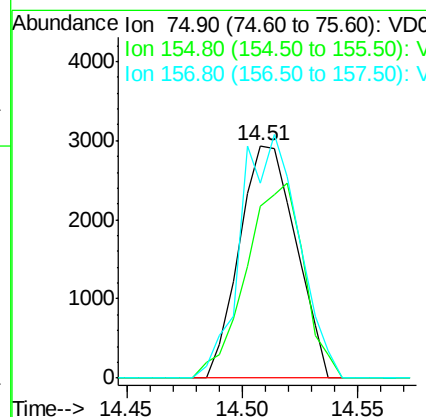
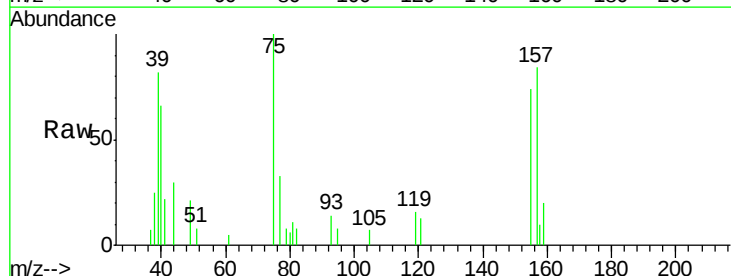
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

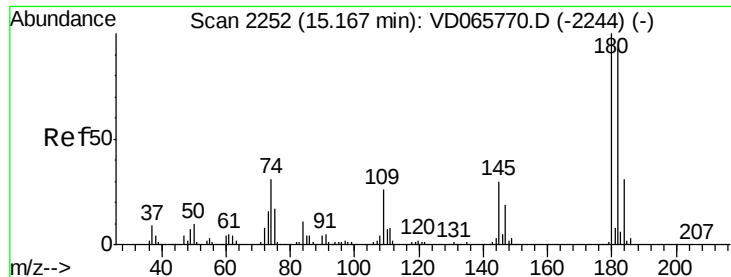
Tot Ion:146 Resp: 75533
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.4
 148 63.8 31.9 95.7



#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

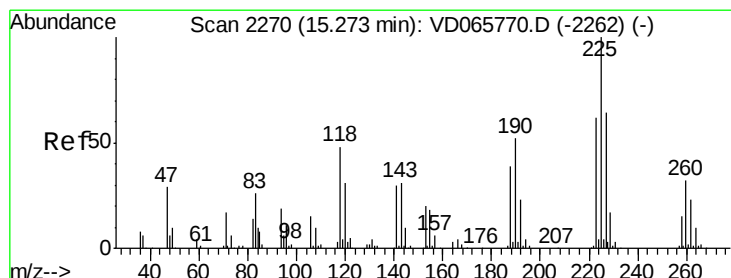
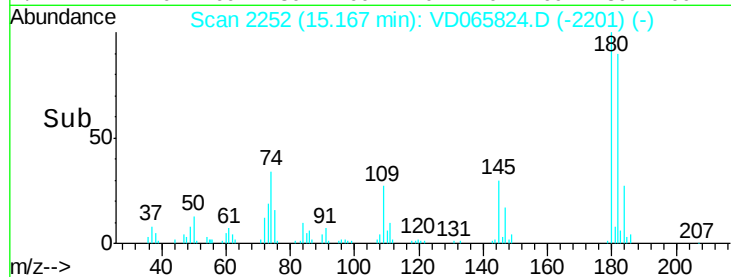
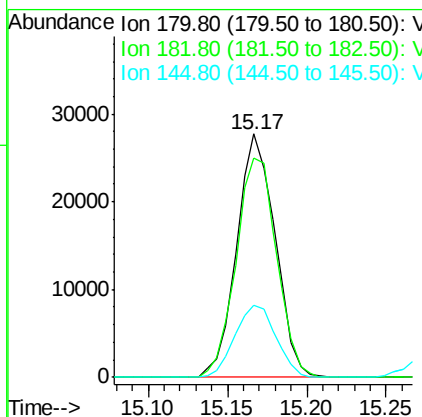
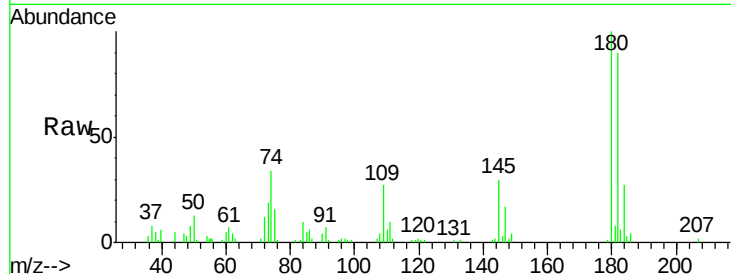




#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065824.D
 Acq: 19 Jun 2020 13:07

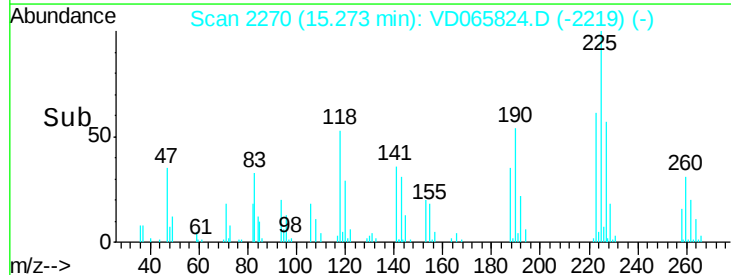
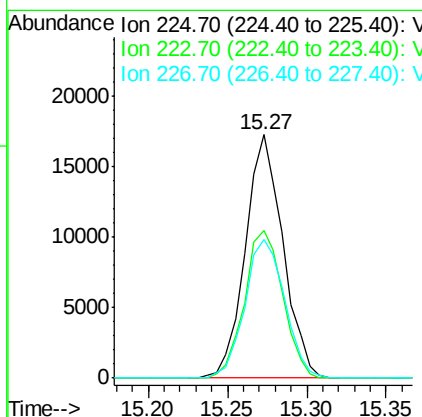
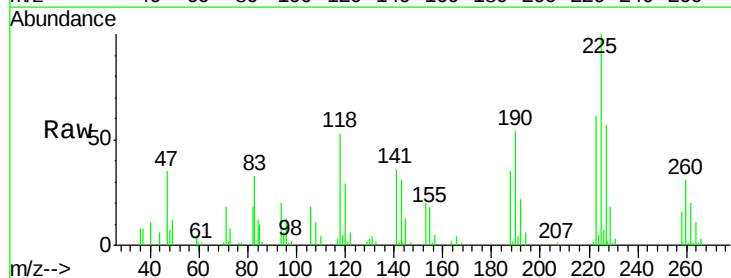
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

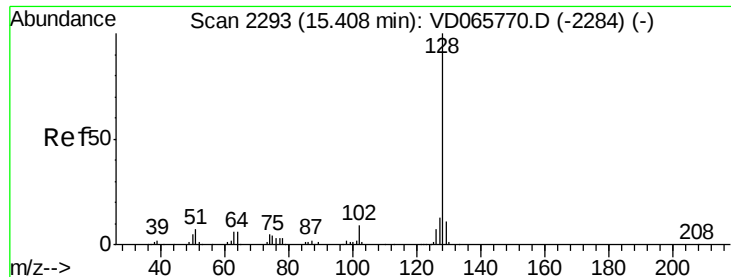
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	31.6	14.9	44.9



#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	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	60.1	31.9	95.7

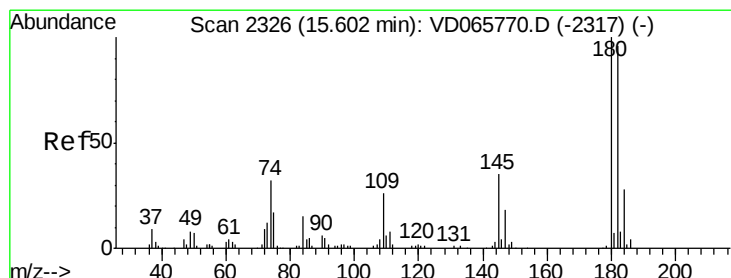
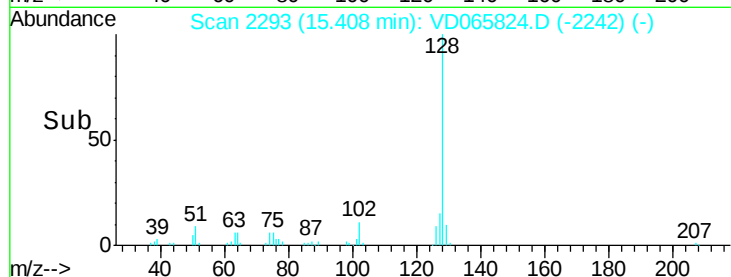
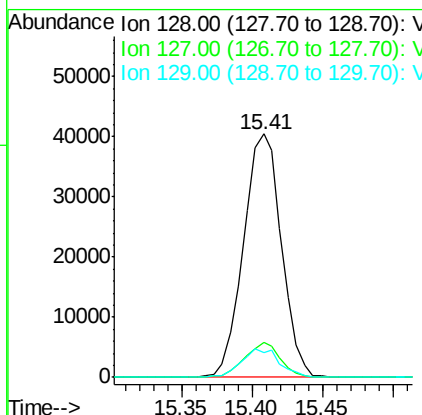
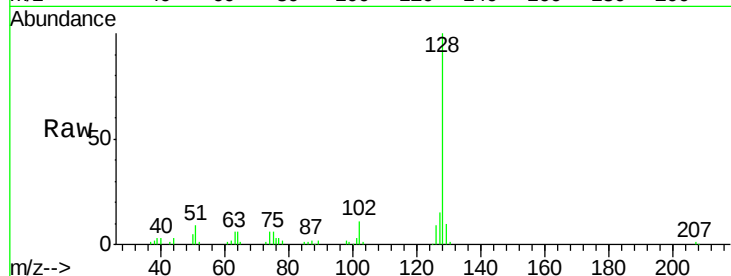




#95
Naphthalene
Concen: 18.455 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065824.D
Acq: 19 Jun 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tot Ion:128 Resp: 76114
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.8 8.6 12.8



#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

