

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065848.D
 Acq On : 22 Jun 2020 16:57
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Quant Time: Jun 23 06:54:41 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	188460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	299867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	97615	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.91	113	95450	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.34	98	364641	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.64	95	121399	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30616	21.939	ug/l	99
3) Chloromethane	2.21	50	57359	24.211	ug/l	99
4) Vinyl Chloride	2.35	62	66079	23.765	ug/l	98
5) Bromomethane	2.76	94	47442	24.398	ug/l	99
6) Chloroethane	2.92	64	45321	24.106	ug/l	100
7) Trichlorofluoromethane	3.27	101	70857	22.493	ug/l	99
8) Diethyl Ether	3.71	74	17218	20.789	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	40517	21.569	ug/l	96
10) Methyl Iodide	4.30	142	35062	19.168	ug/l	98
11) Tert butyl alcohol	5.22	59	15788	134.865	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	37128	21.686	ug/l	97
13) Acrolein	3.93	56	7502	71.722	ug/l	91
14) Allyl chloride	4.71	41	60627	21.425	ug/l	98
15) Acrylonitrile	5.42	53	40166	106.775	ug/l	97
16) Acetone	4.16	43	37553	106.904	ug/l	90
17) Carbon Disulfide	4.41	76	119982	20.880	ug/l	99
18) Methyl Acetate	4.72	43	19233	22.259	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	80018	20.634	ug/l	92
20) Methylene Chloride	4.96	84	47088	22.823	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	43945	21.917	ug/l	90
22) Diisopropyl ether	6.37	45	123751	21.644	ug/l	98
23) Vinyl Acetate	6.31	43	347174	107.531	ug/l	99
24) 1,1-Dichloroethane	6.27	63	75234	21.596	ug/l	99
25) 2-Butanone	7.21	43	52140	107.475	ug/l	93
26) 2,2-Dichloropropane	7.21	77	67327	21.796	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	47228	21.897	ug/l	98
28) Bromochloromethane	7.54	49	28972	21.533	ug/l	97
29) Tetrahydrofuran	7.56	42	32674	106.564	ug/l	97
30) Chloroform	7.71	83	76357	21.146	ug/l	94
31) Cyclohexane	7.99	56	72745	21.782	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	71515	21.539	ug/l	98
36) 1,1-Dichloropropene	8.11	75	61309	21.343	ug/l	99
37) Ethyl Acetate	7.30	43	25414	22.461	ug/l	98
38) Carbon Tetrachloride	8.10	117	65323	21.608	ug/l	98

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 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 23 06:54:41 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	71656	21.069	ug/l	98
40) Benzene	8.35	78	170230	21.677	ug/l	99
41) Methacrylonitrile	7.53	41	14356	21.309	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	50007	21.105	ug/l	99
43) Isopropyl Acetate	8.46	43	46117	20.497	ug/l	98
44) Trichloroethene	9.11	130	45940	21.021	ug/l	96
45) 1,2-Dichloropropane	9.39	63	42165	21.369	ug/l	97
46) Dibromomethane	9.48	93	21426	20.022	ug/l	99
47) Bromodichloromethane	9.67	83	60228	21.002	ug/l	91
48) Methyl methacrylate	9.46	41	23896	21.942	ug/l	98
49) 1,4-Dioxane	9.46	88	5108	448.446	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	113964	103.371	ug/l	99
52) Toluene	10.41	92	110591	21.674	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	54720	21.072	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	64194	20.931	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	29954	20.948	ug/l	92
56) Ethyl methacrylate	10.66	69	34250	20.364	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52512	21.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	85310	109.103	ug/l	100
59) 2-Hexanone	10.99	43	80472	108.266	ug/l	100
60) Dibromochloromethane	11.14	129	38871	20.123	ug/l	97
61) 1,2-Dibromoethane	11.25	107	27985	19.915	ug/l	97
64) Tetrachloroethene	10.88	164	39120	21.056	ug/l	94
65) Chlorobenzene	11.67	112	113020	21.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	40878	20.445	ug/l	97
67) Ethyl Benzene	11.75	91	203979	21.287	ug/l	95
68) m/p-Xylenes	11.86	106	157980	42.802	ug/l	100
69) o-Xylene	12.18	106	71785	21.571	ug/l	97
70) Styrene	12.20	104	121204	21.039	ug/l	98
71) Bromoform	12.37	173	21386	19.423	ug/l #	97
73) Isopropylbenzene	12.48	105	198100	21.094	ug/l	98
74) N-amyl acetate	12.29	43	42256	20.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	32494	20.487	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	44129	40.509	ug/l #	100
77) Bromobenzene	12.76	156	45181	20.333	ug/l	93
78) n-propylbenzene	12.83	91	244014	21.585	ug/l	99
79) 2-Chlorotoluene	12.91	91	134373	21.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	167947	21.490	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10725	21.272	ug/l	98
82) 4-Chlorotoluene	13.01	91	141223	21.216	ug/l	98
83) tert-Butylbenzene	13.23	119	141612	20.883	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	167716	21.440	ug/l	99
85) sec-Butylbenzene	13.41	105	198312	21.014	ug/l	99
86) p-Isopropyltoluene	13.52	119	185134	21.403	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	90771	20.718	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	89496	20.535	ug/l	97
89) n-Butylbenzene	13.85	91	175154	21.232	ug/l	99
90) Hexachloroethane	14.12	117	35806	20.681	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	79614	21.115	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5321	20.158	ug/l	94

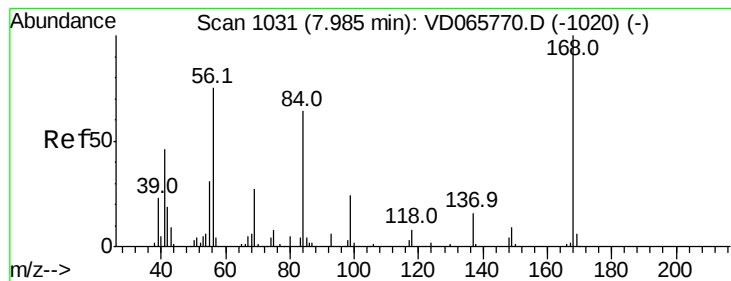
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062220\
Data File : VD065848.D
Acq On : 22 Jun 2020 16:57
Operator : VA/SY
Sample : VD0622SBS01
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MSVOA_D
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Quant Title : SW846 8260
QLast Update : Fri Jun 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	50992	19.890	ug/l	96
94) Hexachlorobutadiene	15.27	225	30032	19.378	ug/l	98
95) Naphthalene	15.41	128	83667	19.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	43511	19.706	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

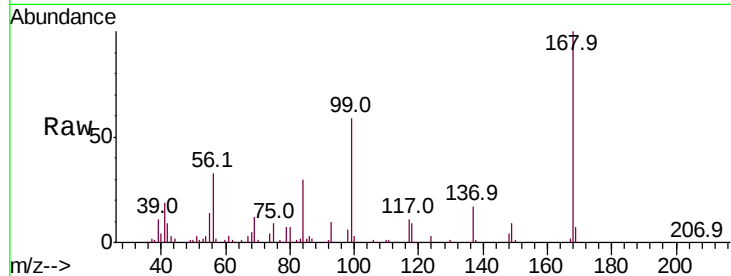
VD0622SBS01

Tot Ion:168 Resp: 188460

Ion Ratio Lower Upper

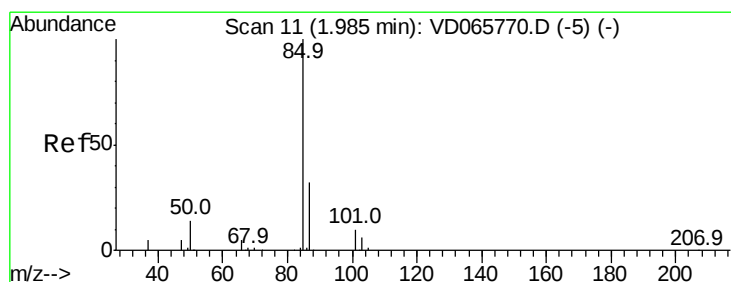
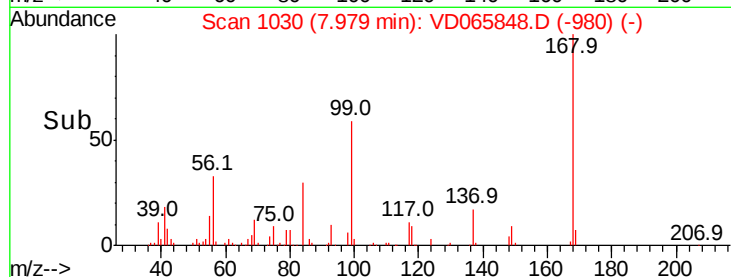
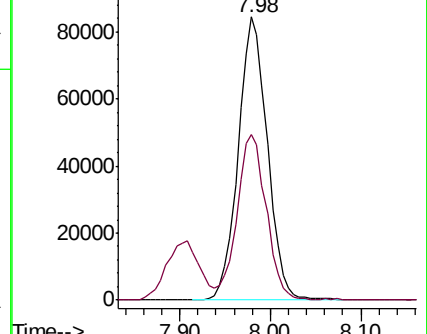
168 100

99 58.5 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: 21.939 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065848.D

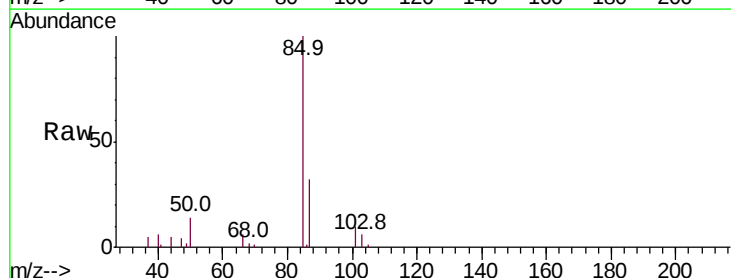
Acq: 22 Jun 2020 16:57

Tgt Ion: 85 Resp: 30616

Ion Ratio Lower Upper

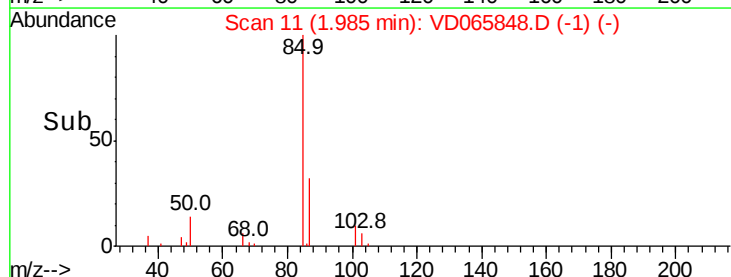
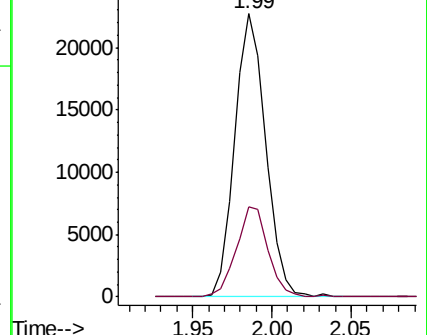
85 100

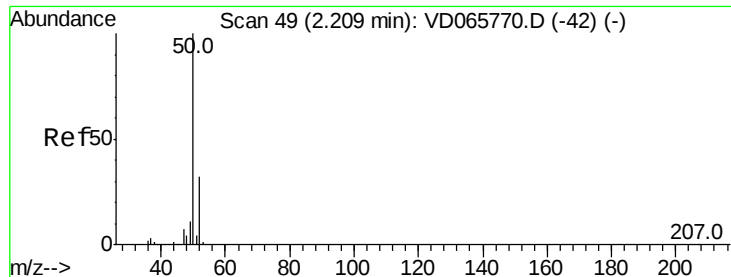
87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

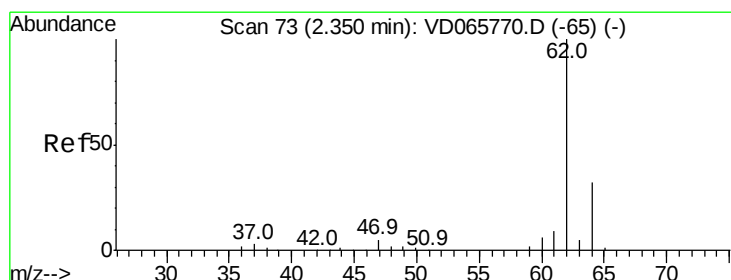
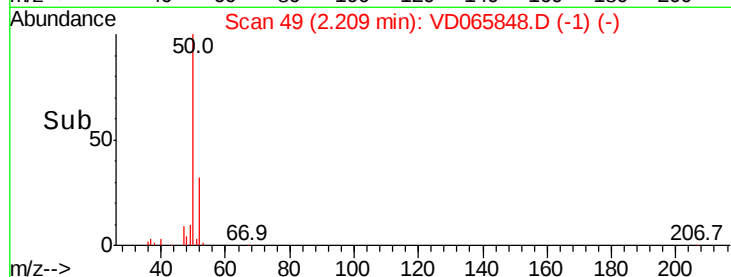
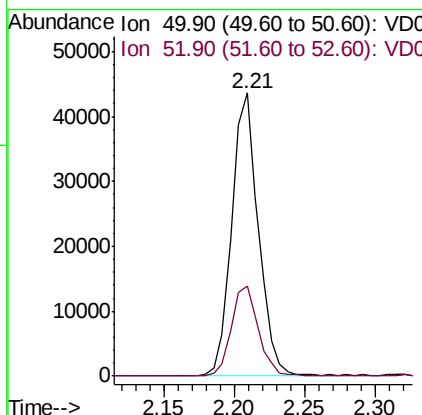
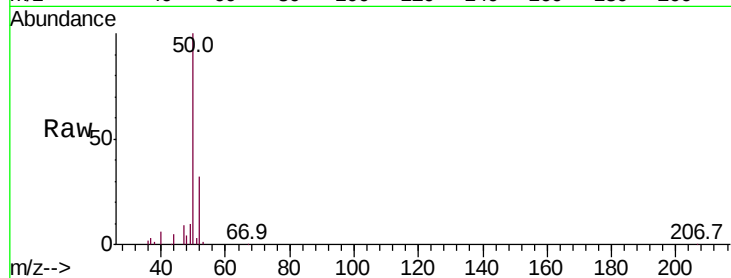




#3
Chloromethane
Concen: 24.211 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

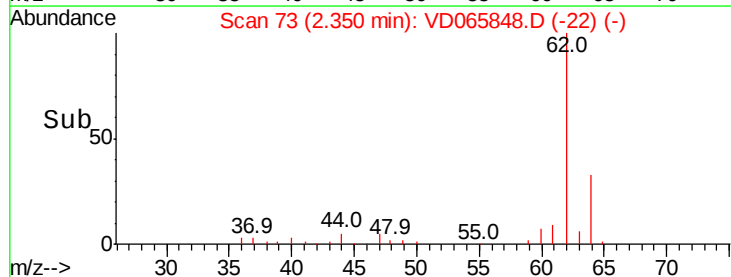
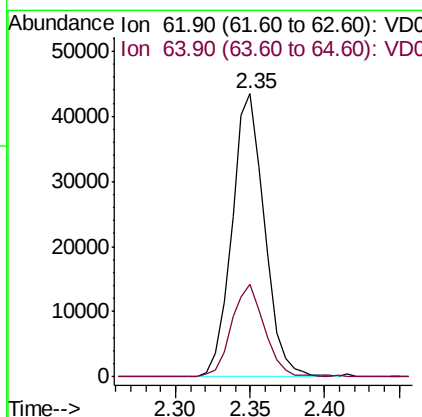
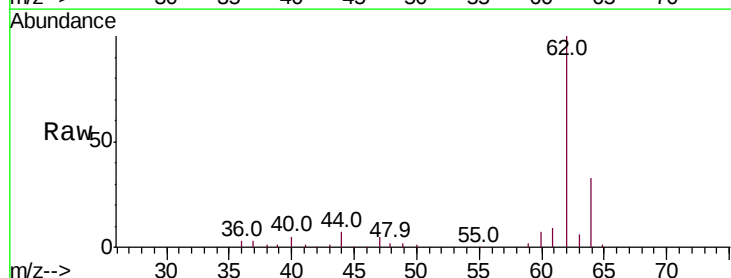
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

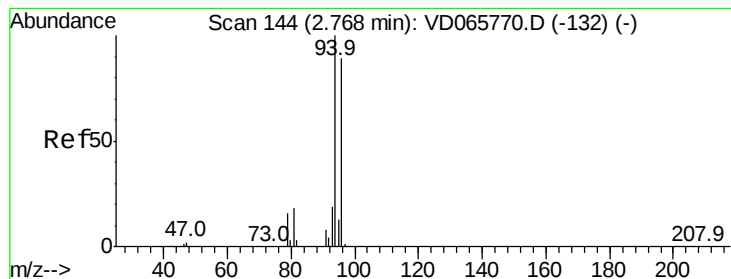
Tot Ion: 50 Resp: 57359
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 23.765 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 62 Resp: 66079
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5

Bromomethane

Concen: 24.398 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

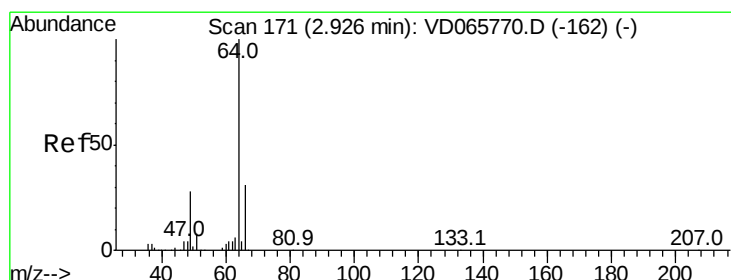
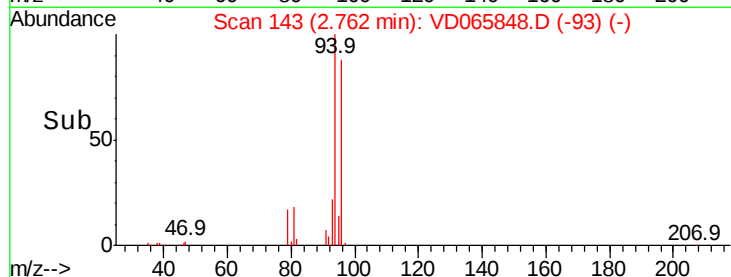
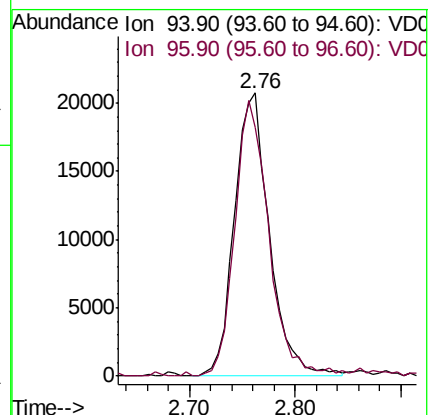
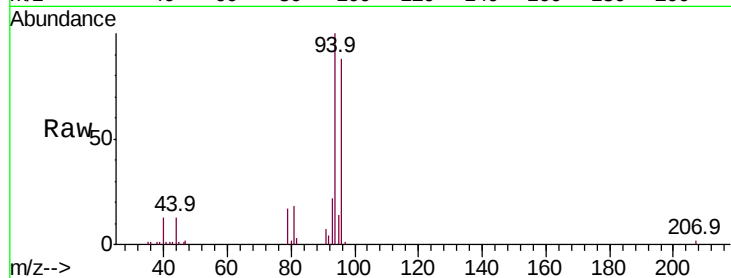
VD0622SBS01

Tot Ion: 94 Resp: 47442

Ion Ratio Lower Upper

94 100

96 87.9 71.4 107.0



#6

Chloroethane

Concen: 24.106 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065848.D

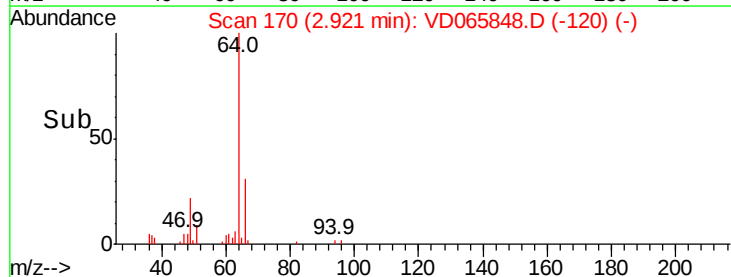
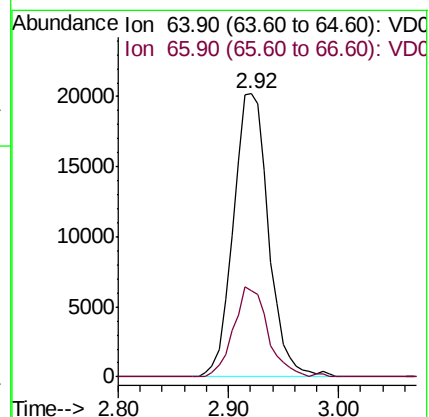
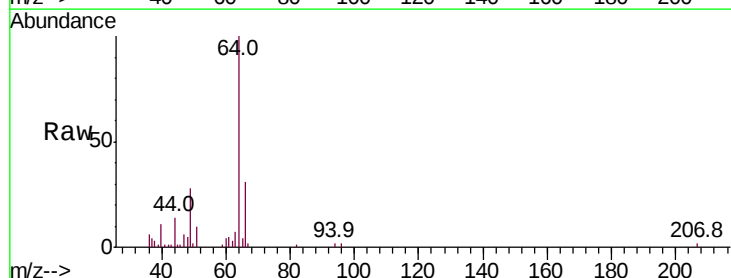
Acq: 22 Jun 2020 16:57

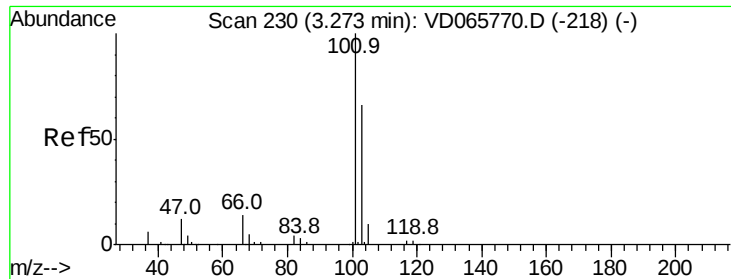
Tgt Ion: 64 Resp: 45321

Ion Ratio Lower Upper

64 100

66 30.5 24.5 36.7



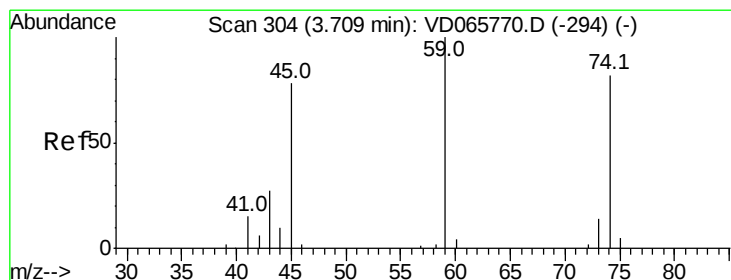
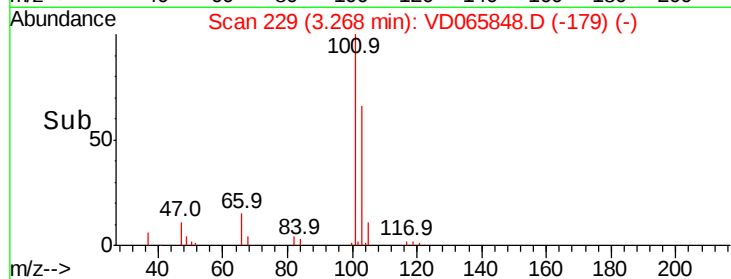
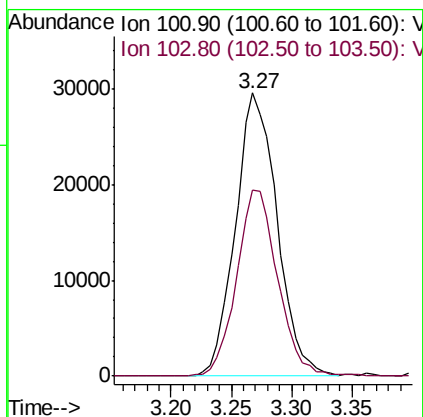
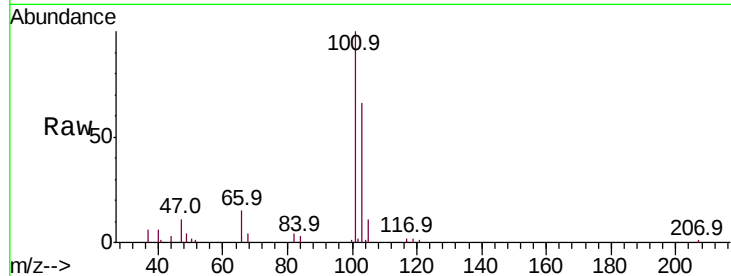


#7

Trichlorofluoromethane
 Concen: 22.493 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

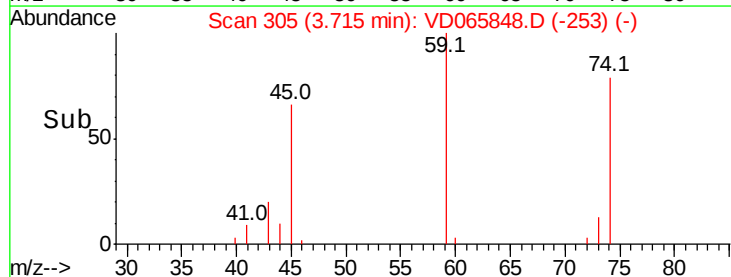
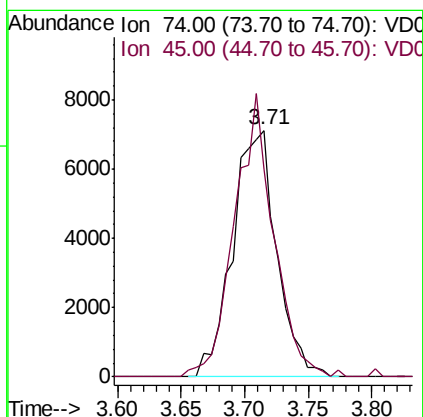
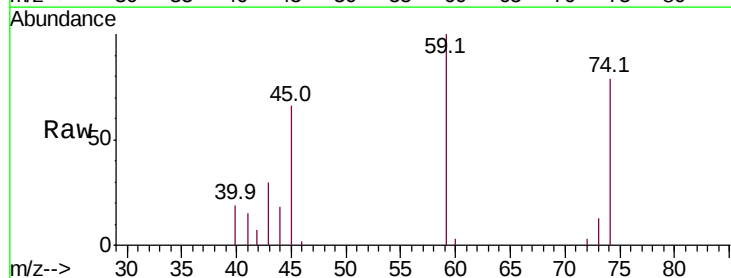
Tot Ion:101 Resp: 70857
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.1 79.7

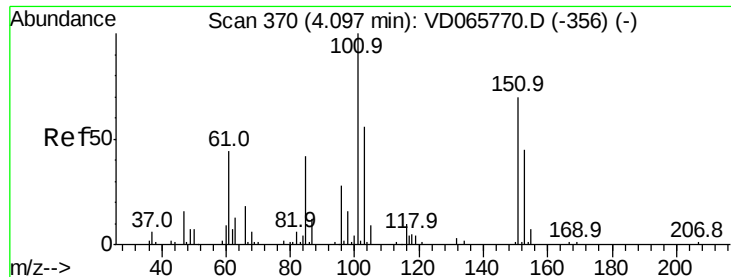


#8

Diethyl Ether
 Concen: 20.789 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 74 Resp: 17218
 Ion Ratio Lower Upper
 74 100
 45 101.0 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.569 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

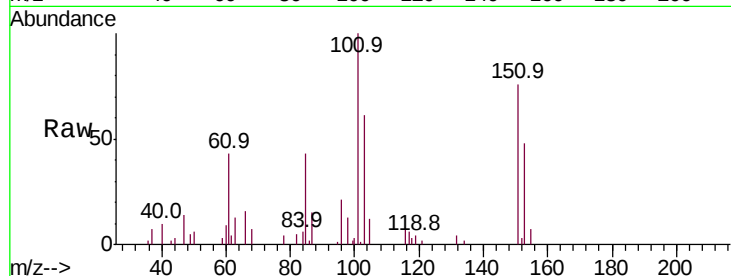
Tot Ion:101 Resp: 40517

Ion Ratio Lower Upper

101 100

85 48.5 36.5 54.7

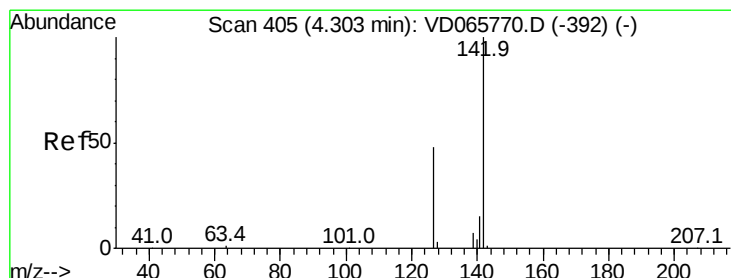
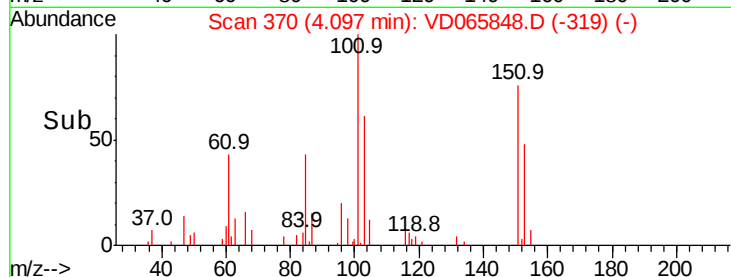
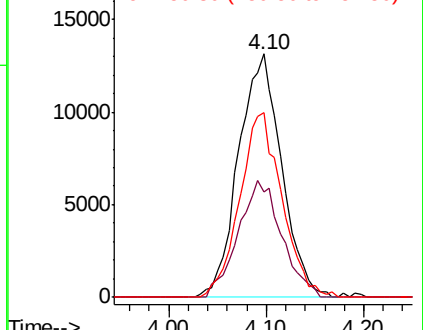
151 74.5 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.168 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

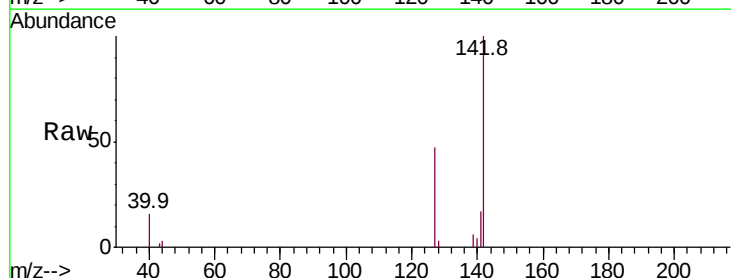
Tgt Ion:142 Resp: 35062

Ion Ratio Lower Upper

142 100

127 48.8 37.6 56.4

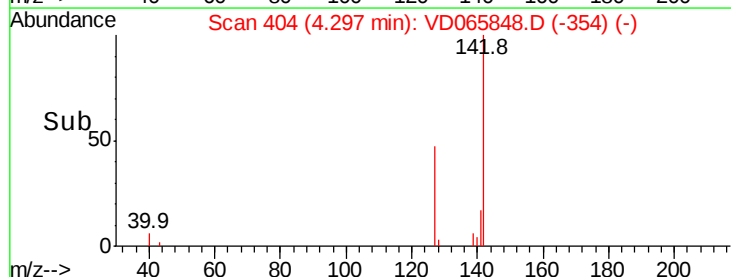
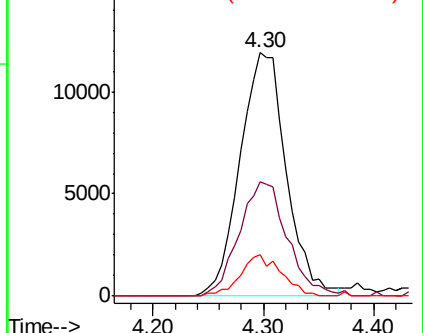
141 15.1 12.1 18.1

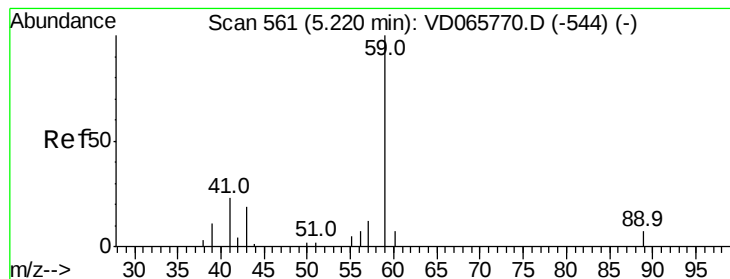


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



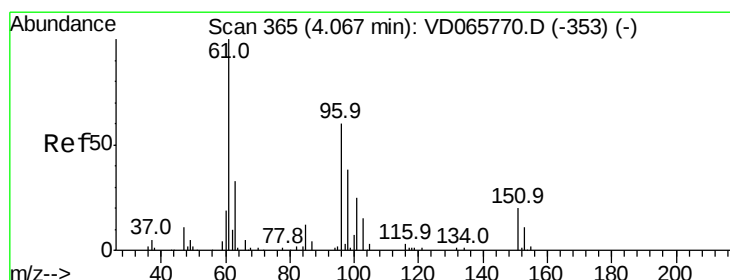
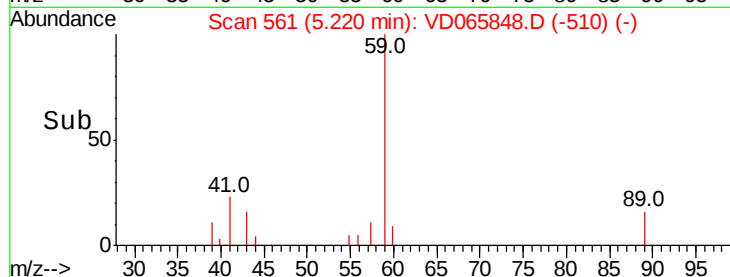
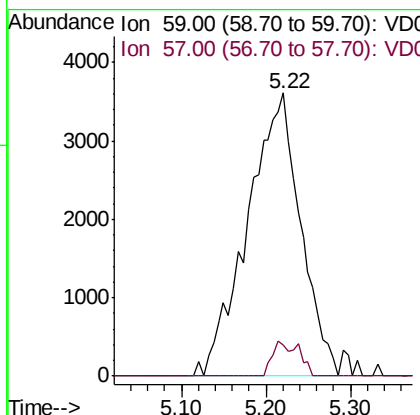
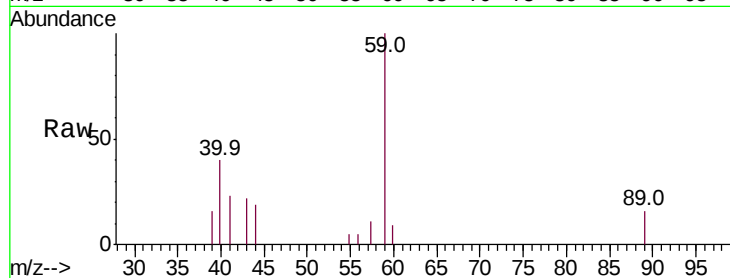


#11

Tert butyl alcohol
 Concen: 134.865 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

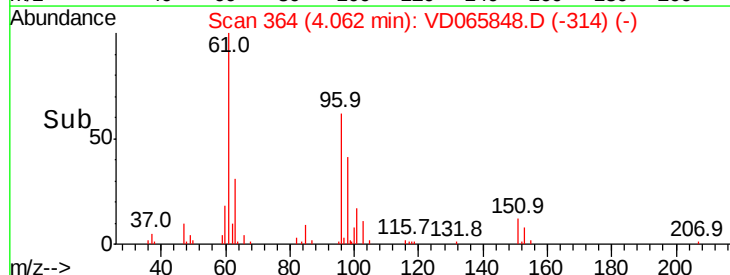
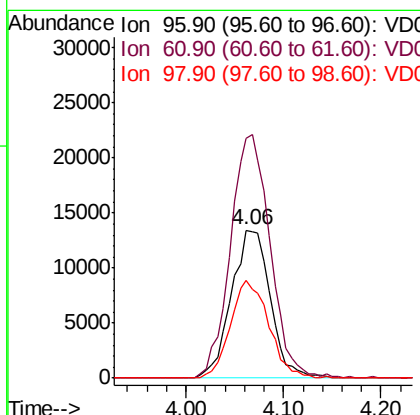
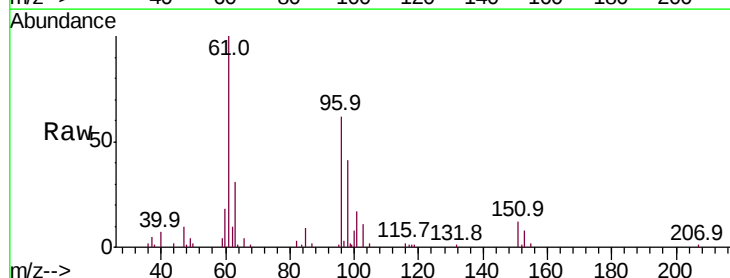
Tot Ion: 59 Resp: 15788
 Ion Ratio Lower Upper
 59 100
 57 6.1 7.5 11.3#

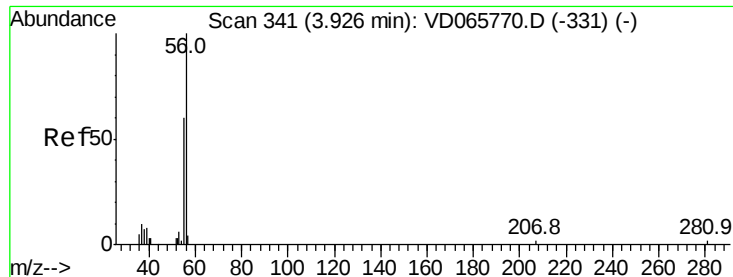


#12

1,1-Dichloroethene
 Concen: 21.686 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 96 Resp: 37128
 Ion Ratio Lower Upper
 96 100
 61 161.8 132.3 198.5
 98 65.8 50.7 76.1





#13

Acrolein

Concen: 71.722 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

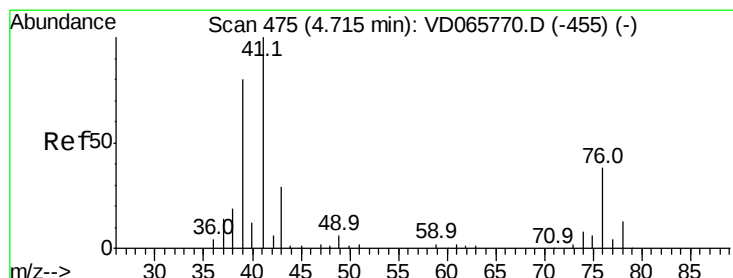
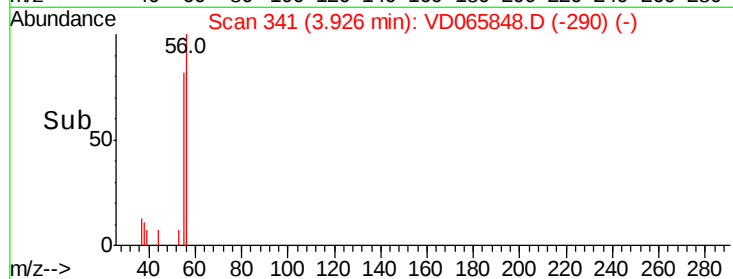
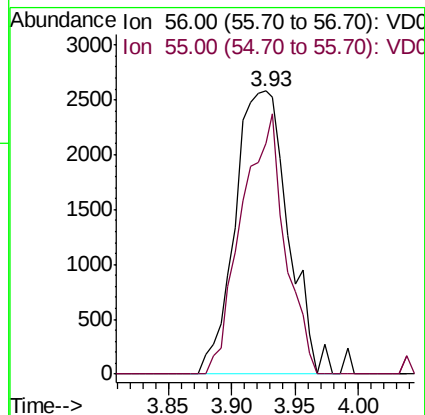
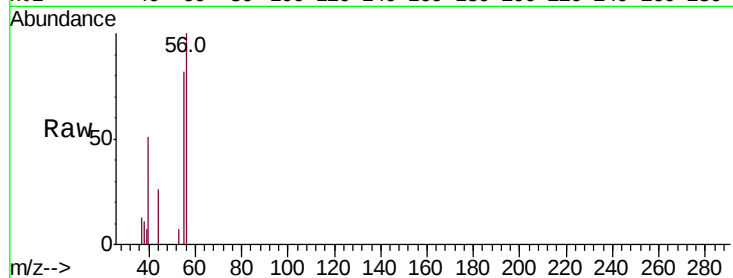
VD0622SBS01

Tot Ion: 56 Resp: 7502

Ion Ratio Lower Upper

56 100

55 75.6 54.8 82.2



#14

Allyl chloride

Concen: 21.425 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

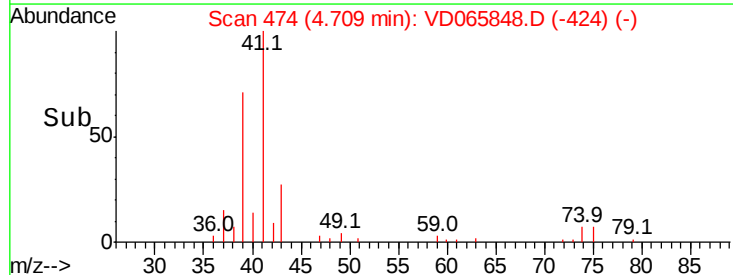
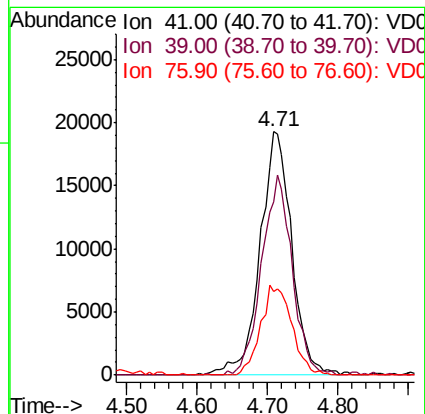
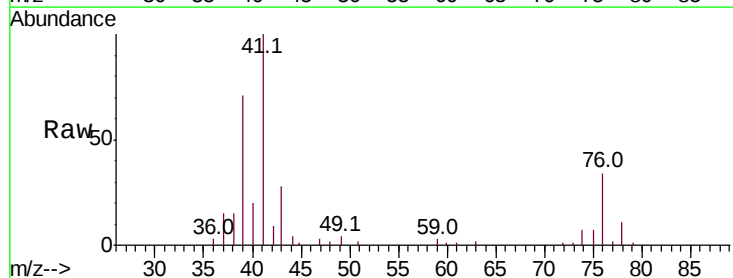
Tgt Ion: 41 Resp: 60627

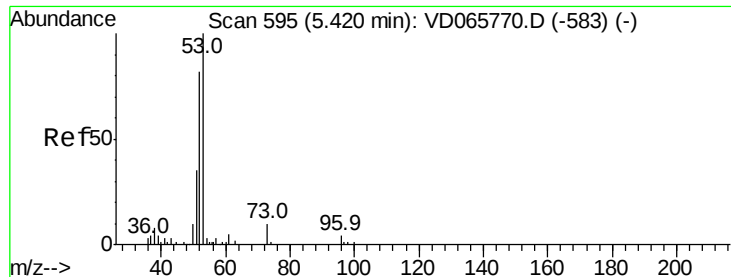
Ion Ratio Lower Upper

41 100

39 78.6 60.9 91.3

76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 106.775 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

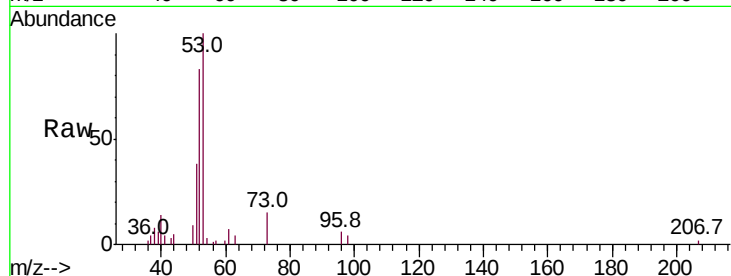
Tot Ion: 53 Resp: 40166

Ion Ratio Lower Upper

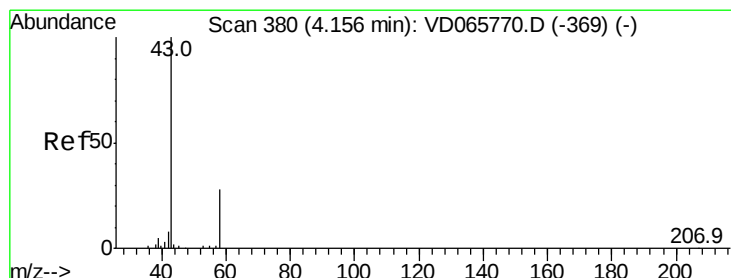
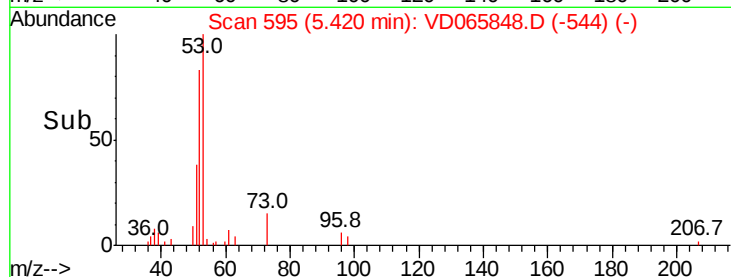
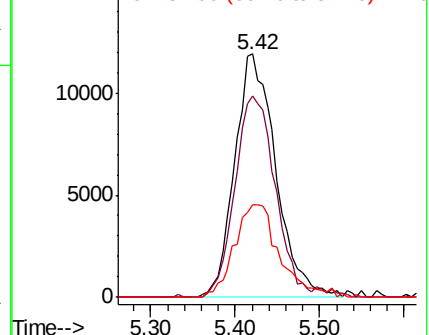
53 100

52 80.7 66.2 99.2

51 41.6 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: 106.904 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065848.D

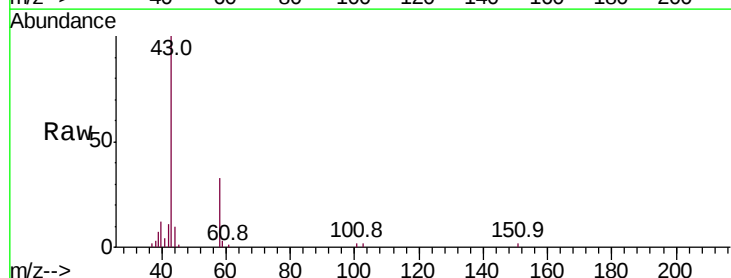
Acq: 22 Jun 2020 16:57

Tgt Ion: 43 Resp: 37553

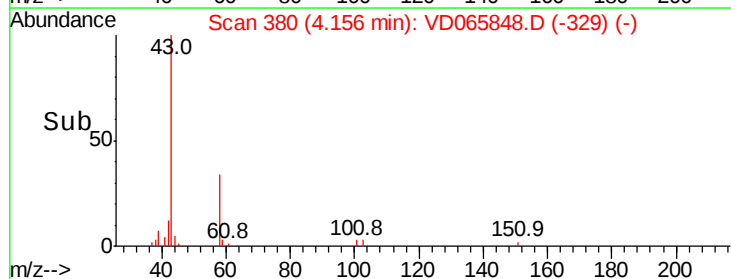
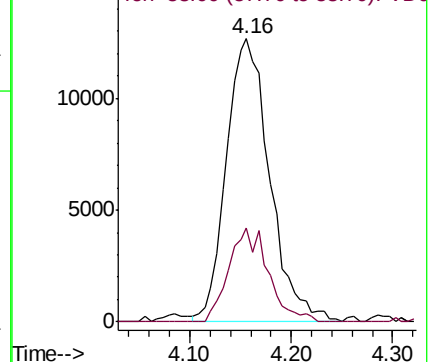
Ion Ratio Lower Upper

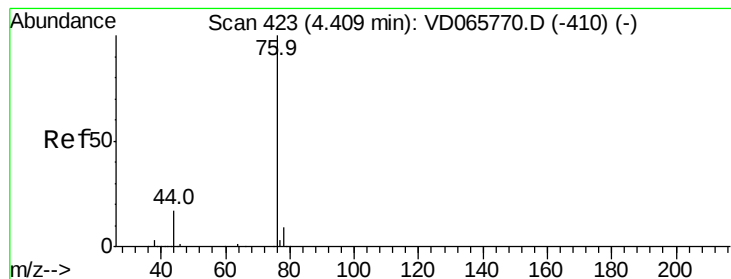
43 100

58 33.0 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: 20.880 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

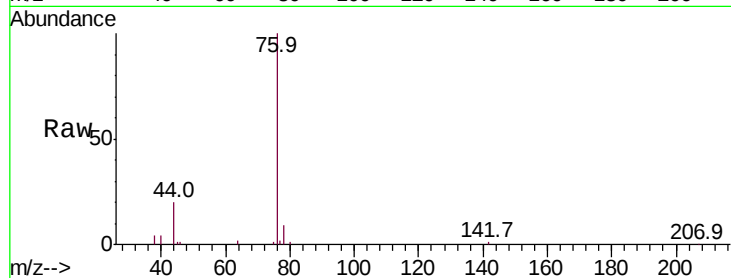
VD0622SBS01

Tot Ion: 76 Resp: 119982

Ion Ratio Lower Upper

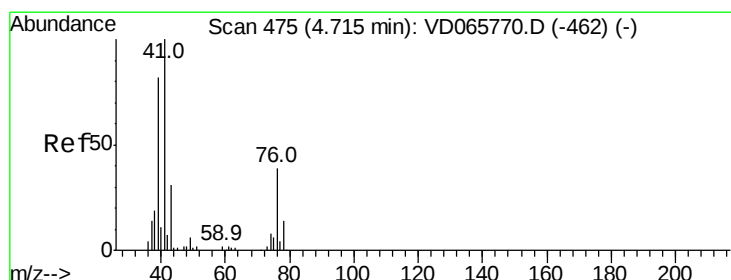
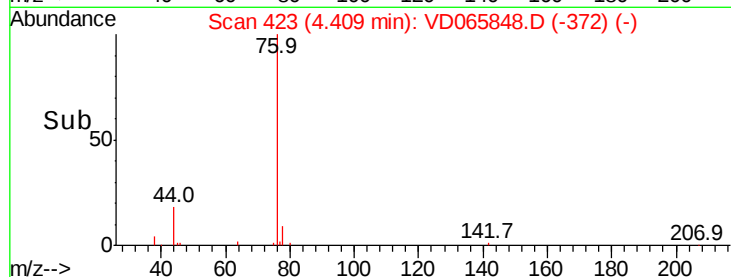
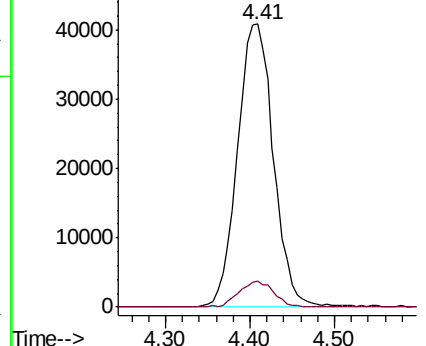
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.259 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065848.D

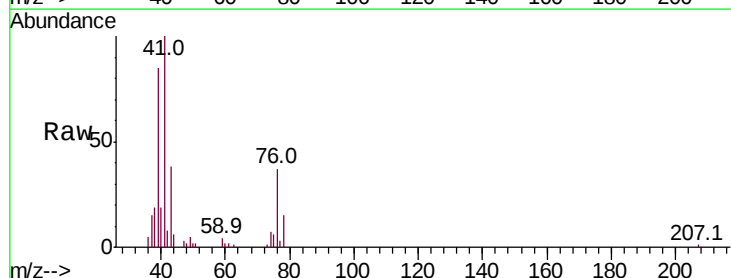
Acq: 22 Jun 2020 16:57

Tgt Ion: 43 Resp: 19233

Ion Ratio Lower Upper

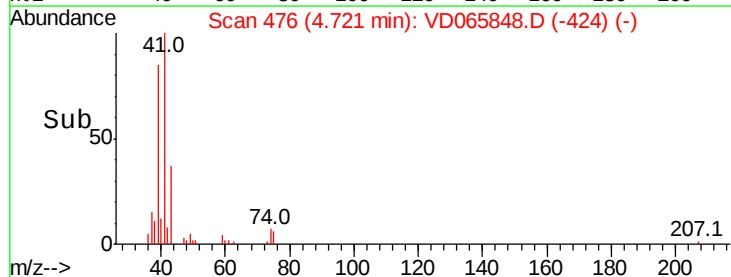
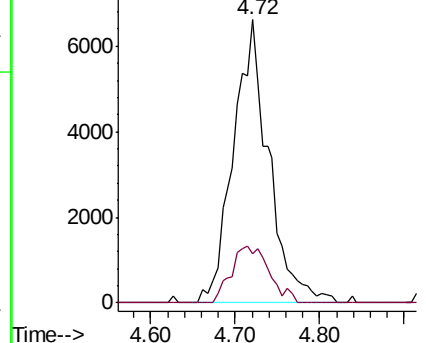
43 100

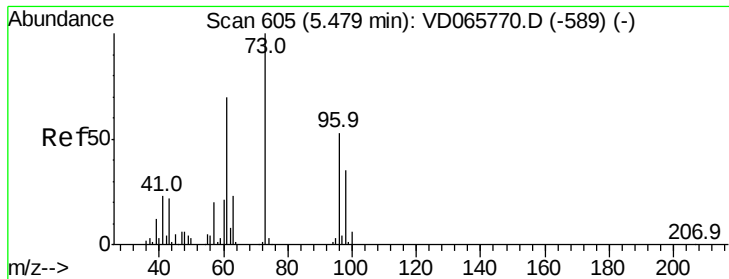
74 21.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

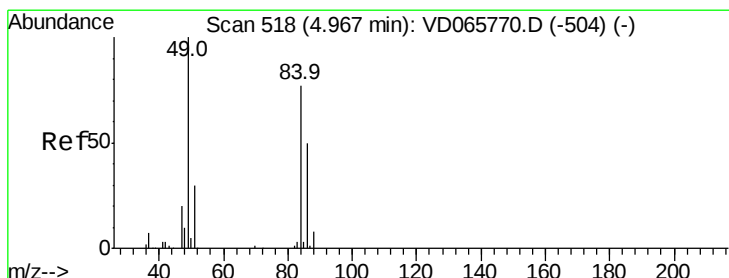
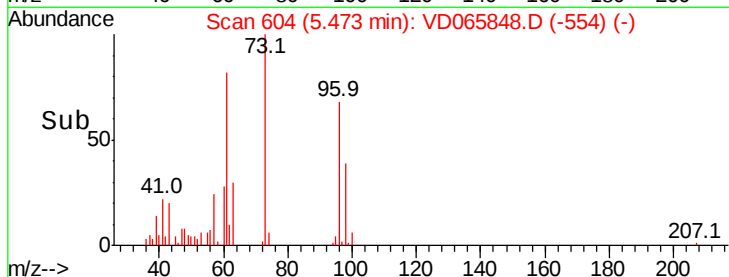
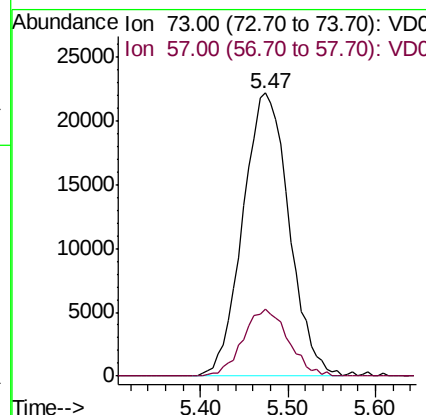
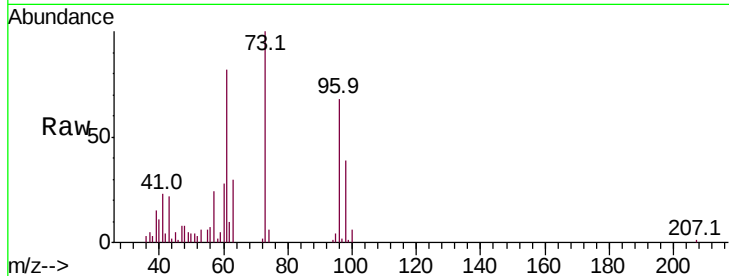




#19
Methvl tert-butvl Ether
Concen: 20.634 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

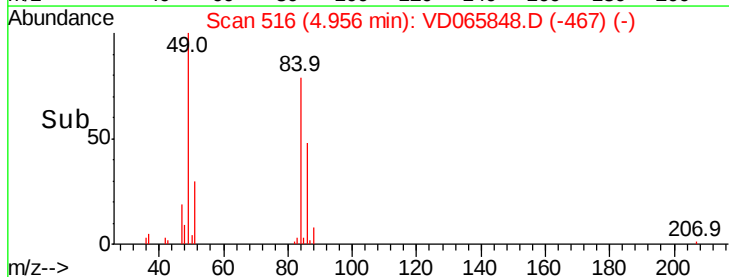
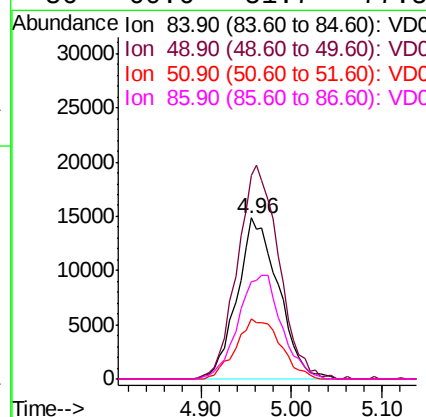
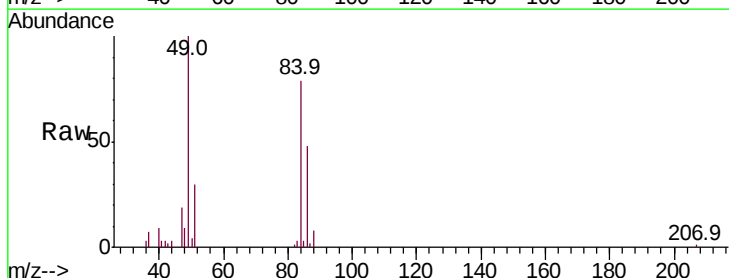
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

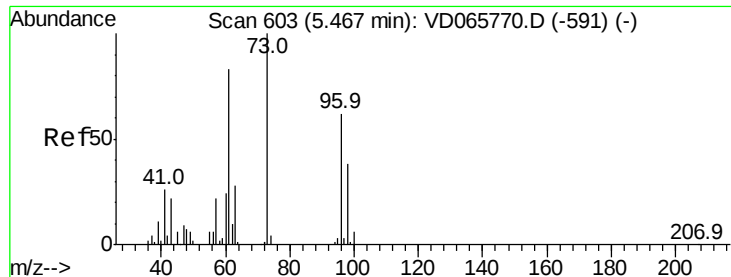
Tot Ion: 73 Resp: 80018
Ion Ratio Lower Upper
73 100
57 23.9 16.2 24.2



#20
Methylene Chloride
Concen: 22.823 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 84 Resp: 47088
Ion Ratio Lower Upper
84 100
49 126.0 103.4 155.0
51 37.2 31.4 47.2
86 60.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.917 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

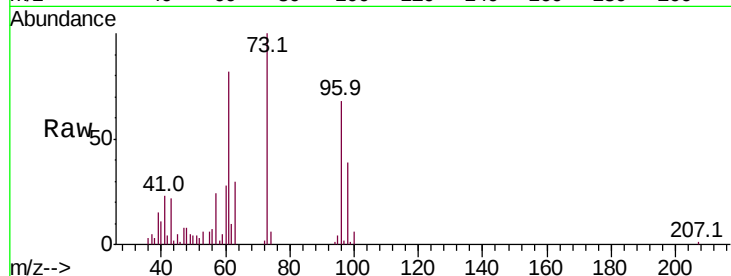
Tot Ion: 96 Resp: 43945

Ion Ratio Lower Upper

96 100

61 120.5 107.7 161.5

98 57.9 49.3 73.9

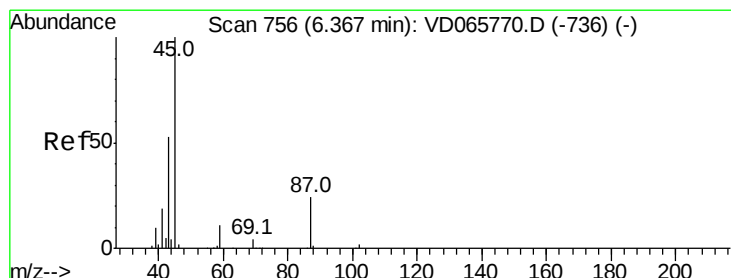
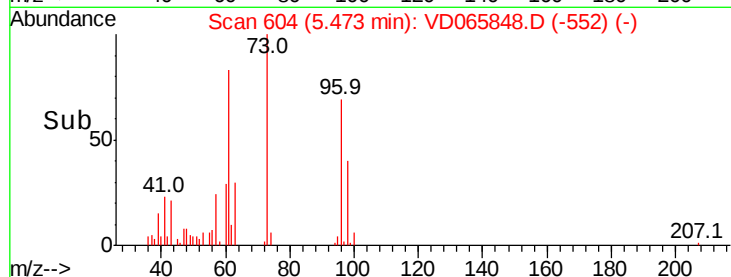
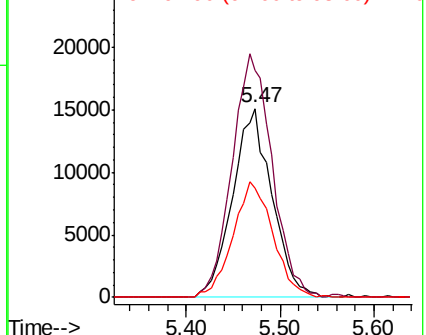


Abundance

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: 21.644 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Tgt Ion: 45 Resp: 123751

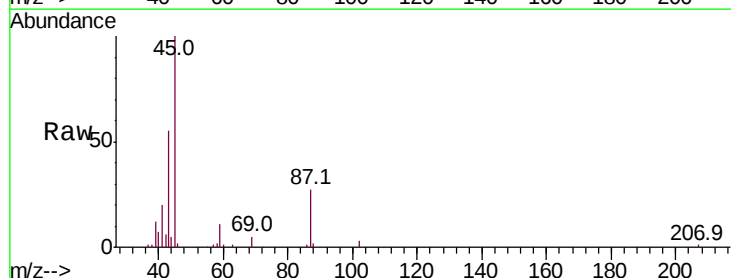
Ion Ratio Lower Upper

45 100

43 53.0 43.4 65.0

87 27.5 20.2 30.4

59 11.2 9.4 14.0



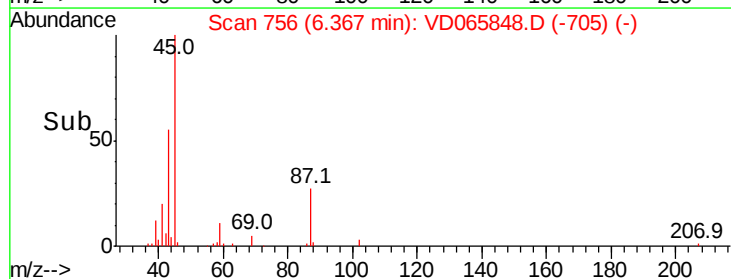
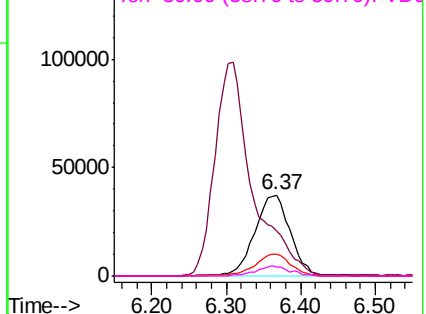
Abundance

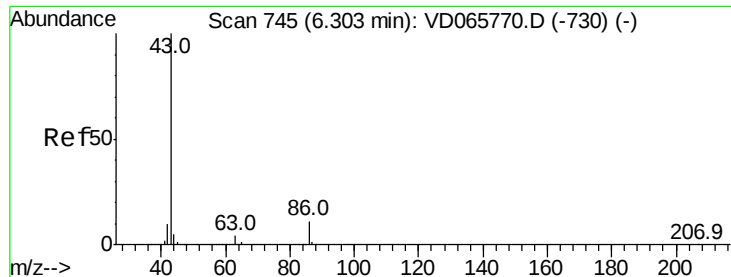
Ion 45.00 (44.70 to 45.70): VDC

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: 107.531 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

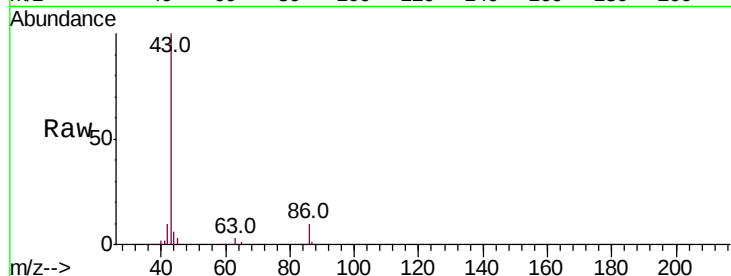
VD0622SBS01

Tot Ion: 43 Resp: 347174

Ion Ratio Lower Upper

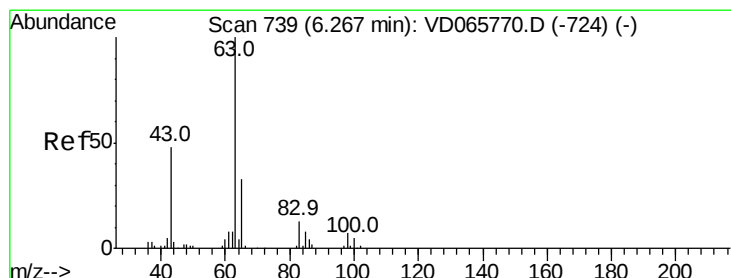
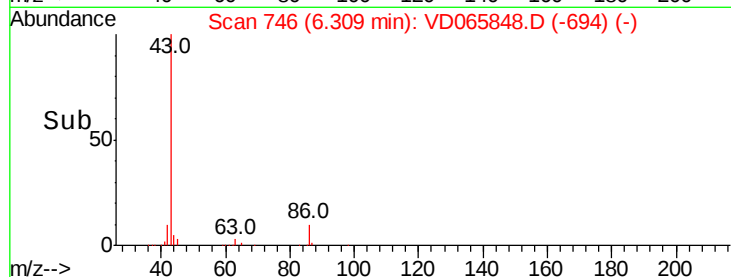
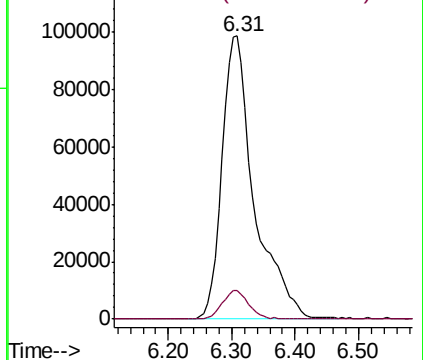
43 100

86 10.2 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: 21.596 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

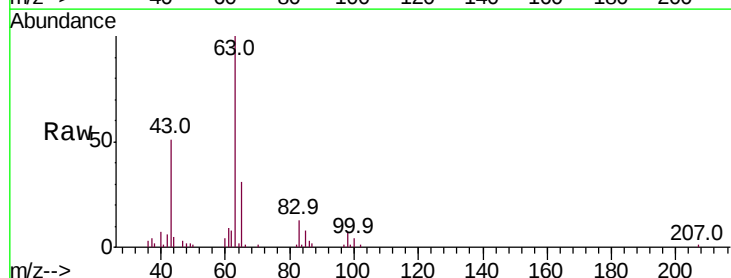
Tgt Ion: 63 Resp: 75234

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

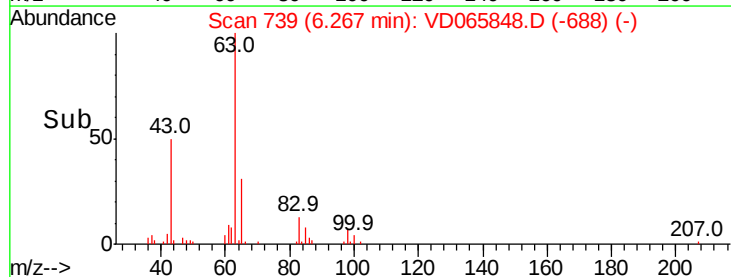
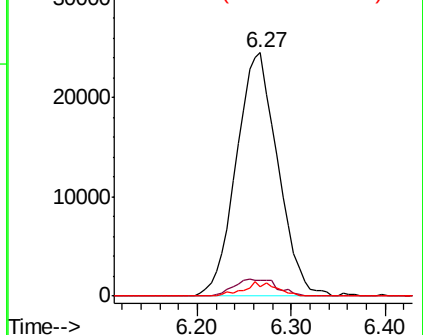
100 3.9 2.3 6.9

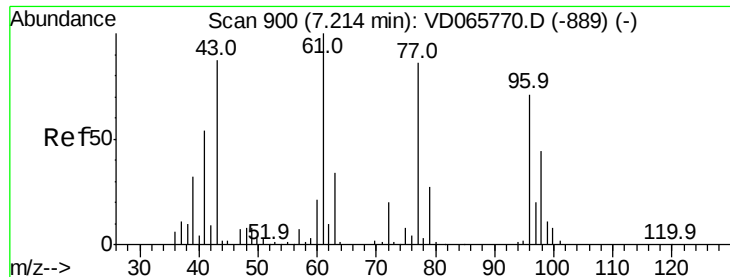


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 107.475 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

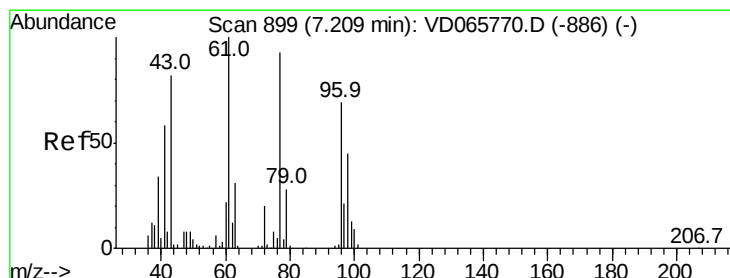
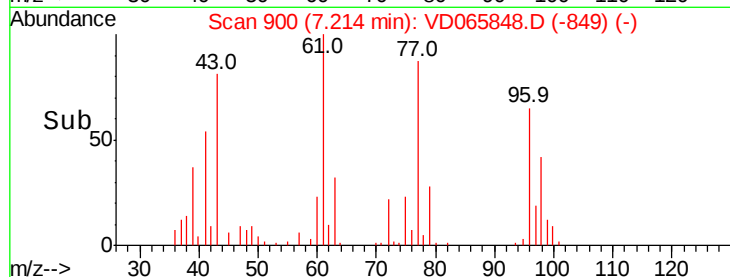
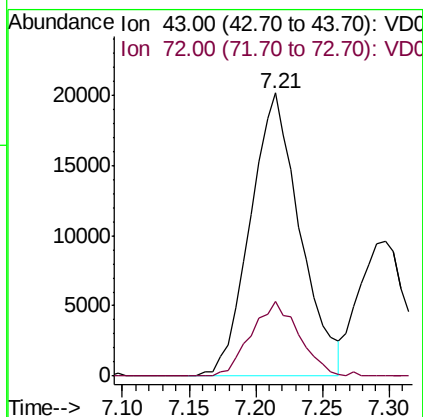
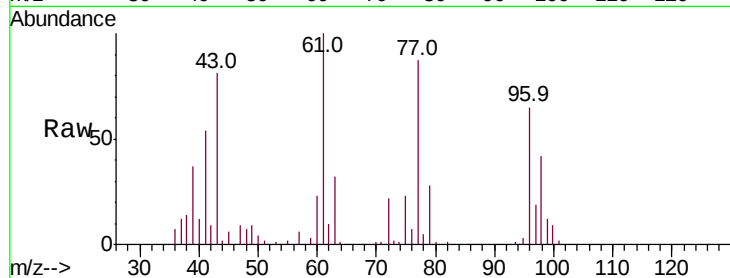
VD0622SBS01

Tot Ion: 43 Resp: 52140

Ion Ratio Lower Upper

43 100

72 26.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 21.796 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065848.D

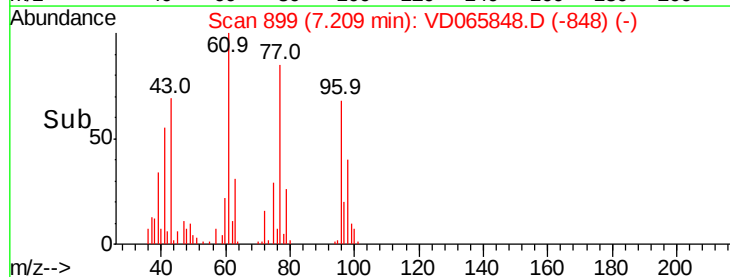
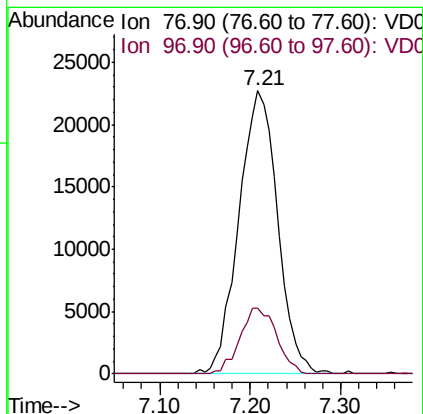
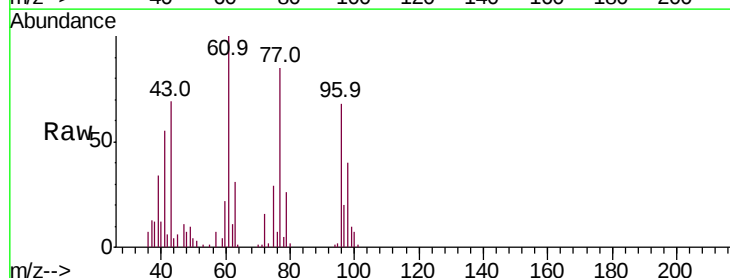
Acq: 22 Jun 2020 16:57

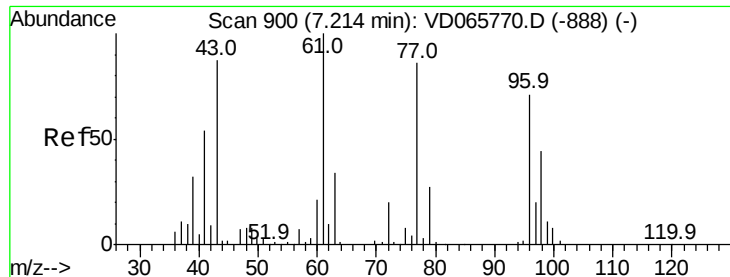
Tgt Ion: 77 Resp: 67327

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.7



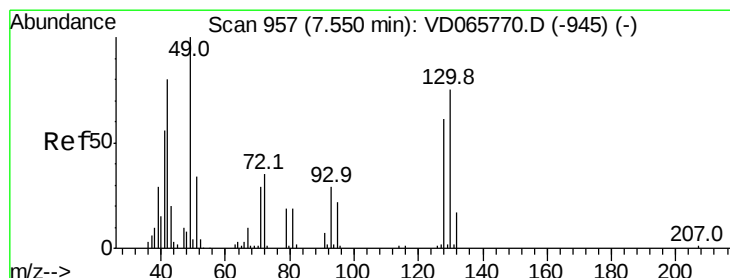
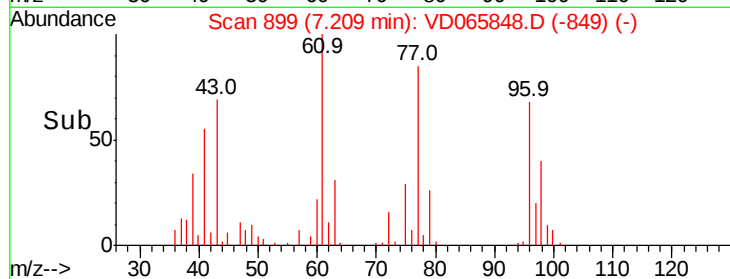
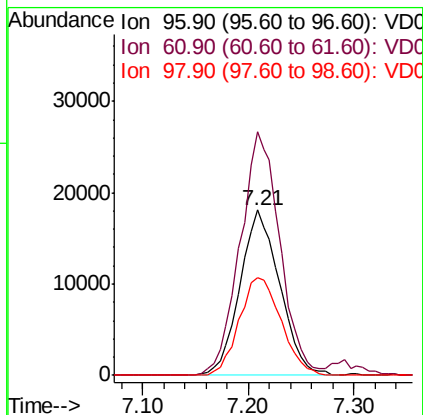
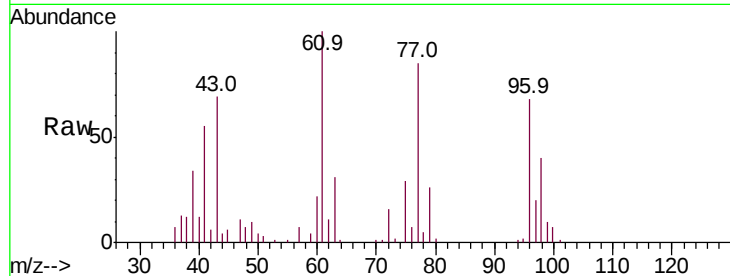


#27

cis-1,2-Dichloroethene
Concen: 21.897 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

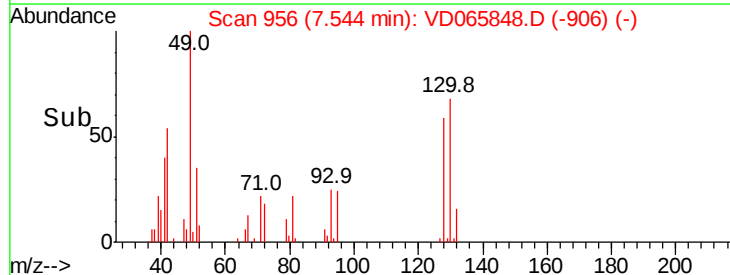
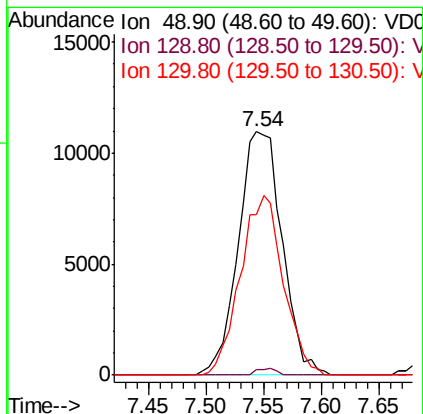
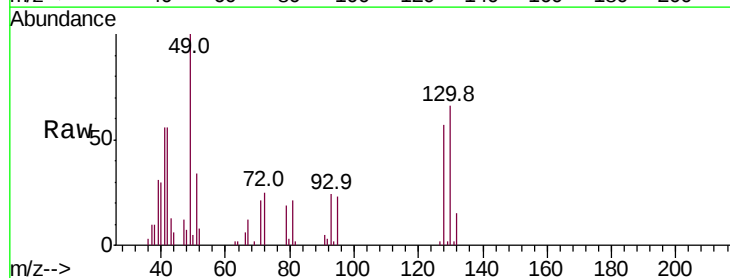
Tot Ion: 96 Resp: 47228
Ion Ratio Lower Upper
96 100
61 148.5 0.0 291.2
98 62.1 0.0 128.8

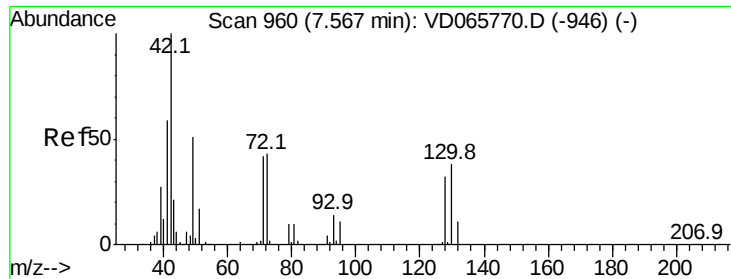


#28

Bromochloromethane
Concen: 21.533 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 49 Resp: 28972
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 72.3 59.5 89.3





#29

Tetrahydrofuran

Concen: 106.564 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

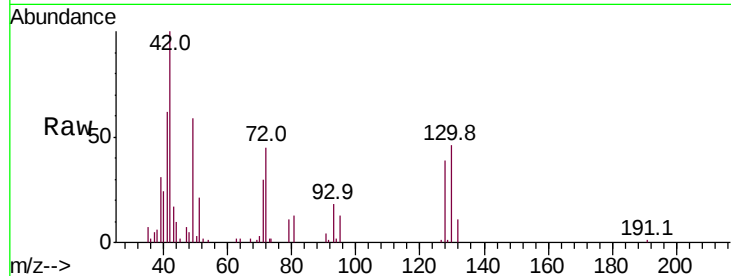
Tot Ion: 42 Resp: 32674

Ion Ratio Lower Upper

42 100

72 40.4 34.9 52.3

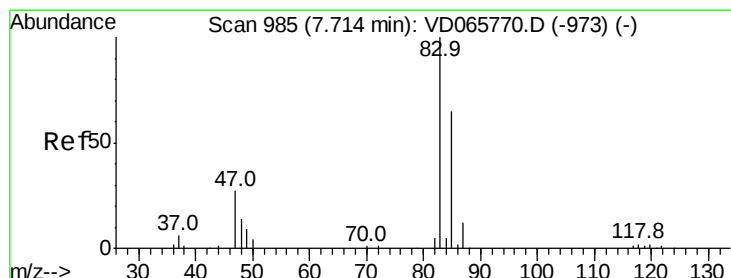
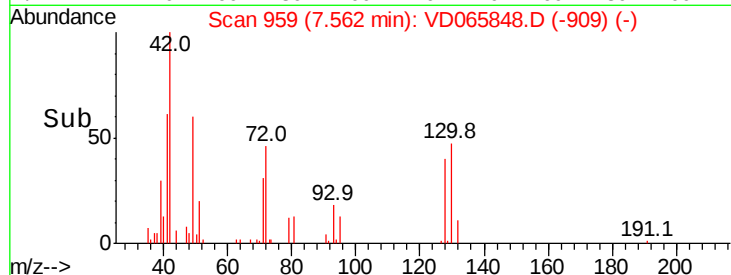
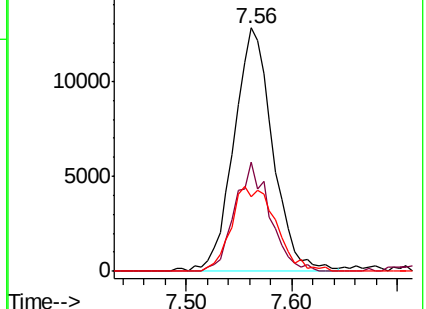
71 39.7 31.2 46.8



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: 21.146 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065848.D

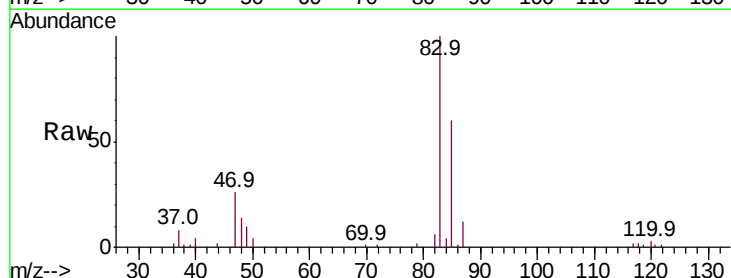
Acq: 22 Jun 2020 16:57

Tgt Ion: 83 Resp: 76357

Ion Ratio Lower Upper

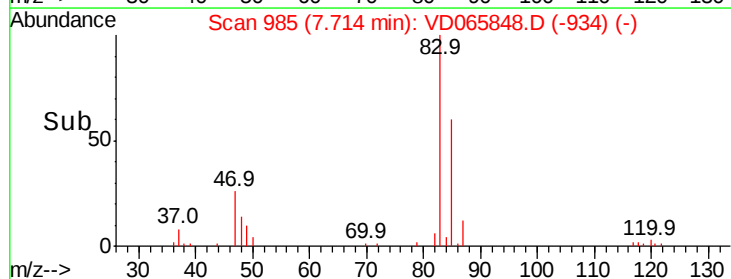
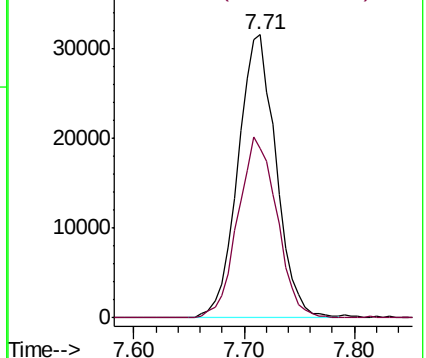
83 100

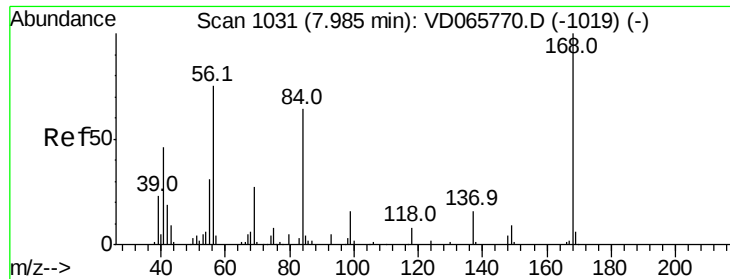
85 59.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

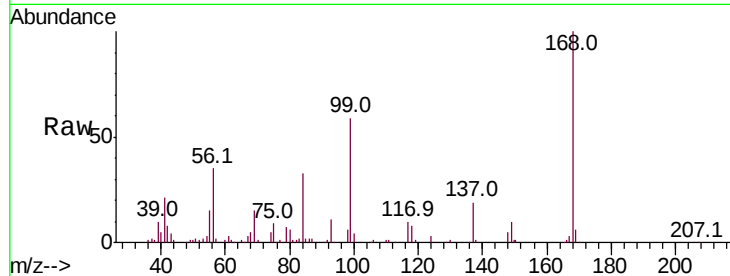




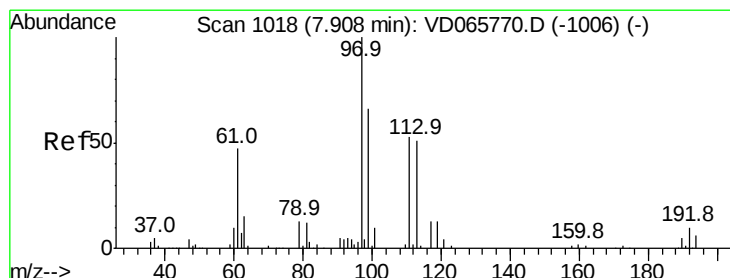
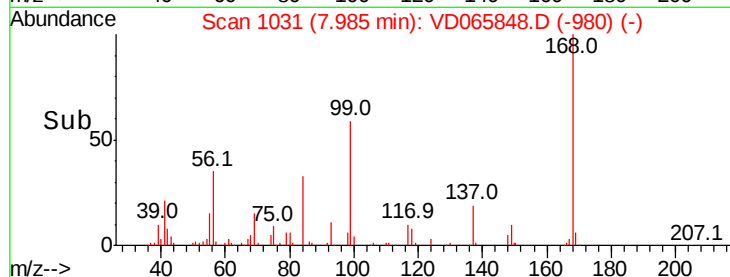
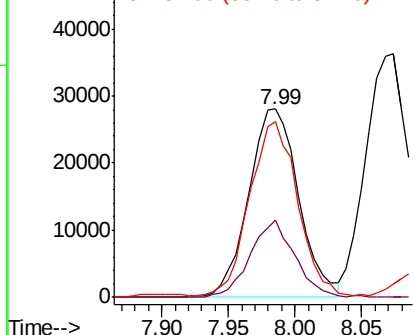
#31
Cyclohexane
Concen: 21.782 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion: 56 Resp: 72745
Ion Ratio Lower Upper
56 100
69 41.1 28.5 42.7
84 92.9 68.4 102.6

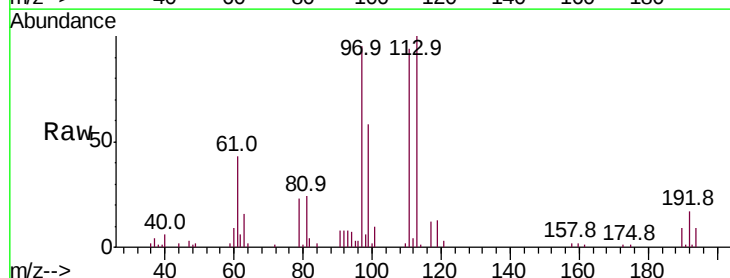


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

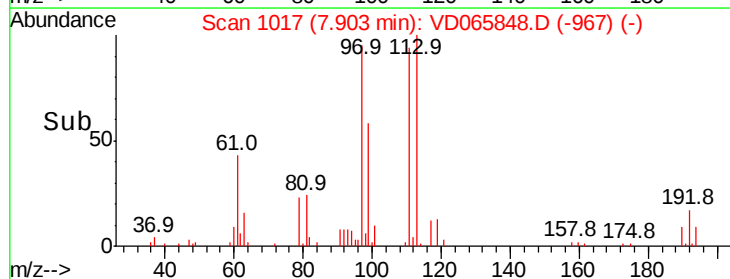
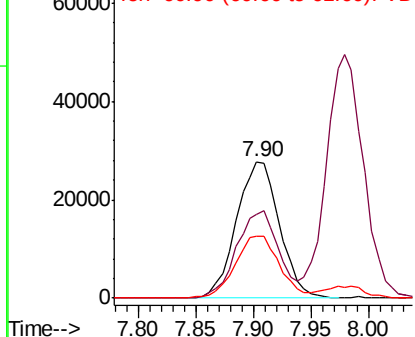


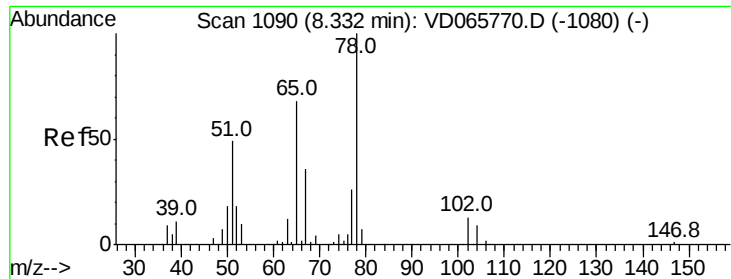
#32
1,1,1-Trichloroethane
Concen: 21.539 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 97 Resp: 71515
Ion Ratio Lower Upper
97 100
99 63.0 49.2 73.8
61 47.0 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

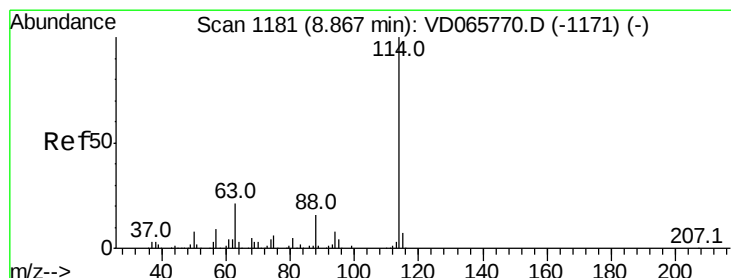
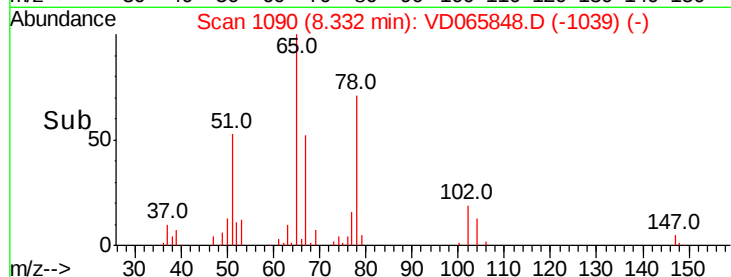
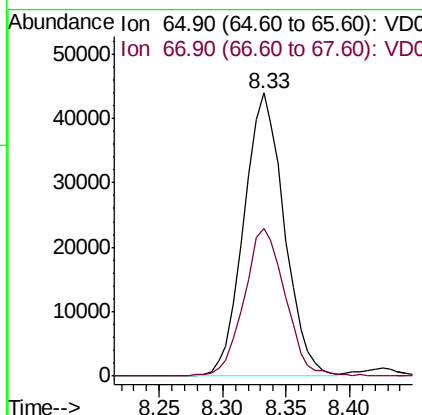
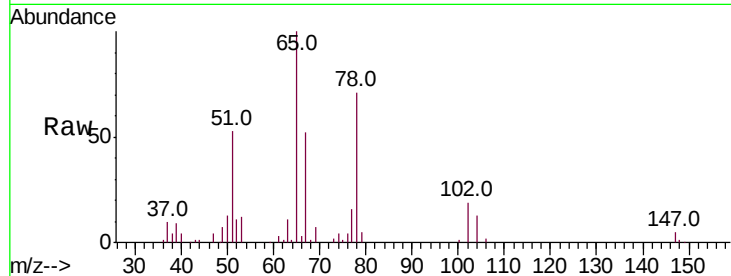




#33
 1,2-Dichloroethane-d4
 Concen: 52.418 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

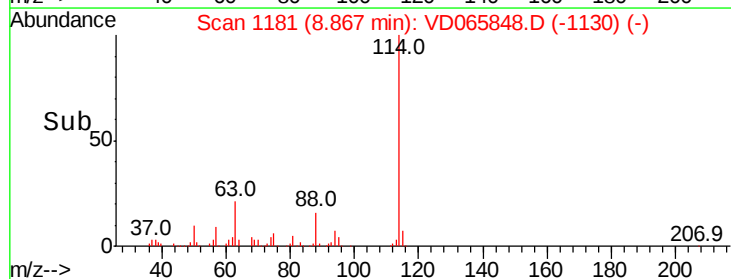
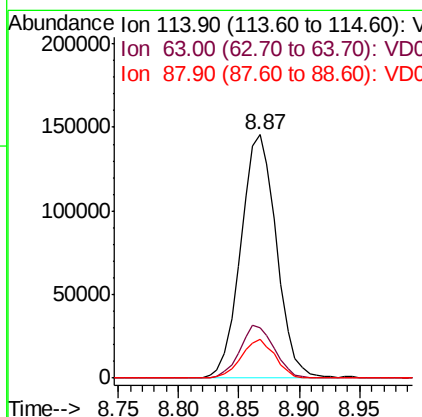
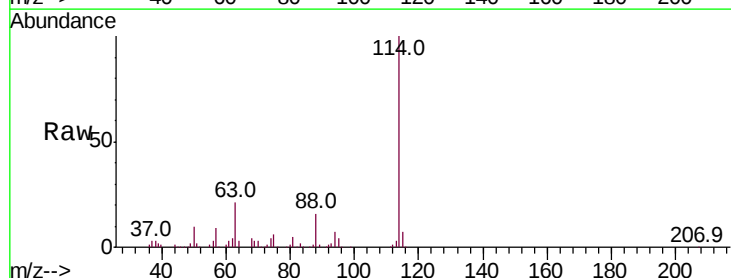
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

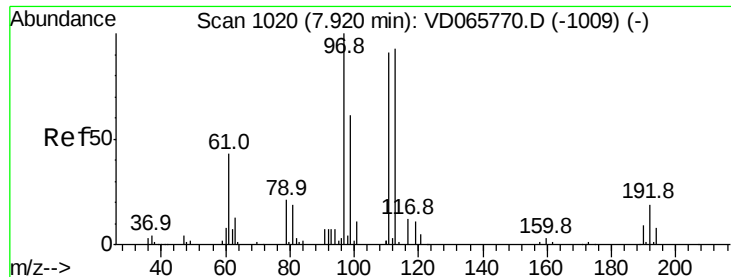
Tot Ion: 65 Resp: 97615
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 114 Resp: 299867
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 15.8 0.0 32.0

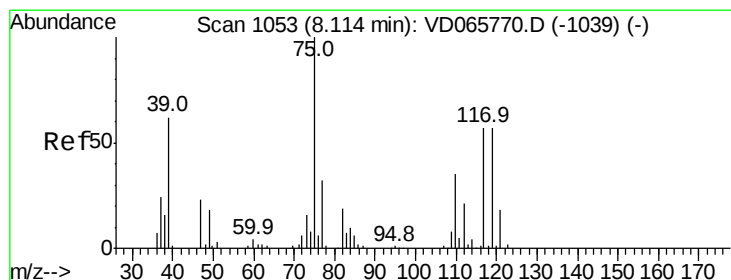
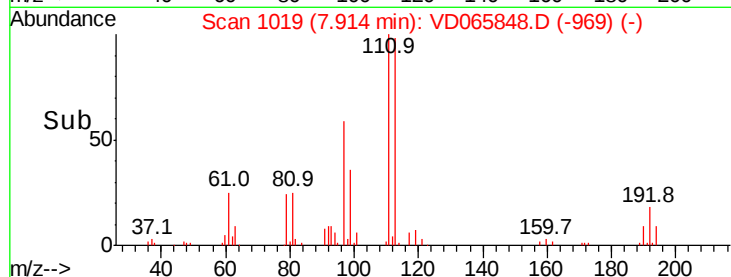
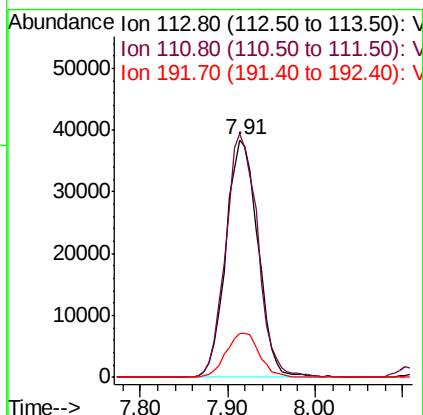
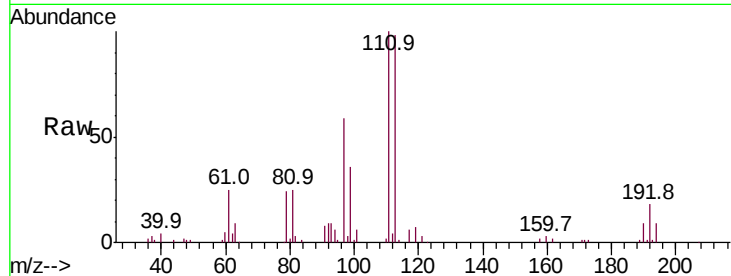




#35
 Dibromofluoromethane
 Concen: 50.392 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

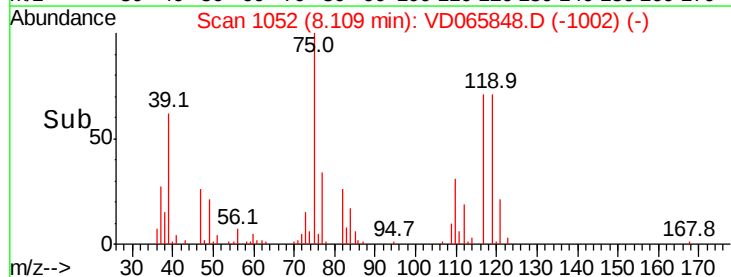
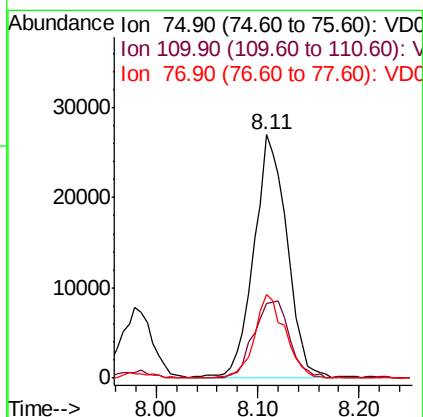
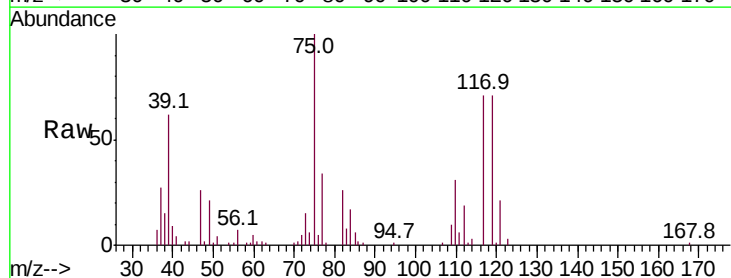
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

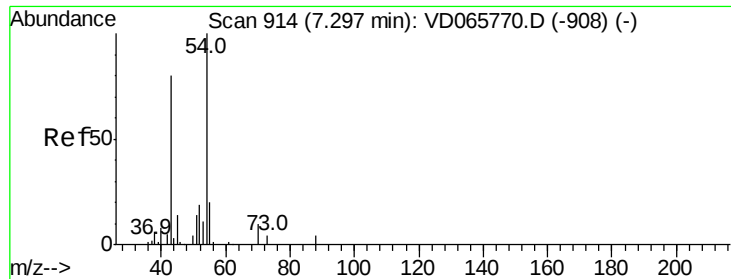
Tot Ion:113 Resp: 95450
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.0
 192 19.2 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 21.343 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 61309
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.6 52.8
 77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 22.461 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

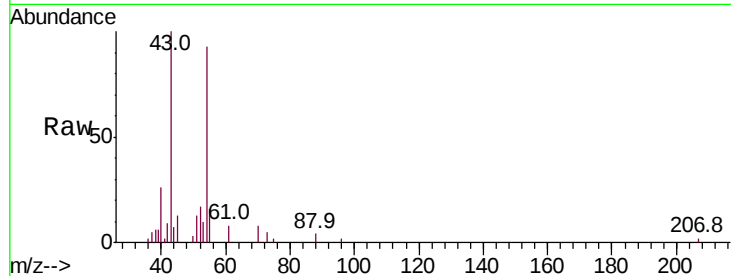
Tot Ion: 43 Resp: 25414

Ion Ratio Lower Upper

43 100

61 12.0 10.6 15.8

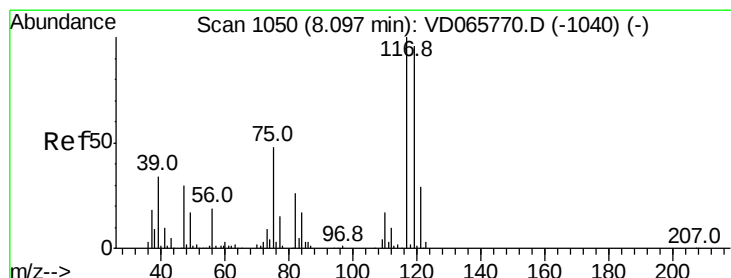
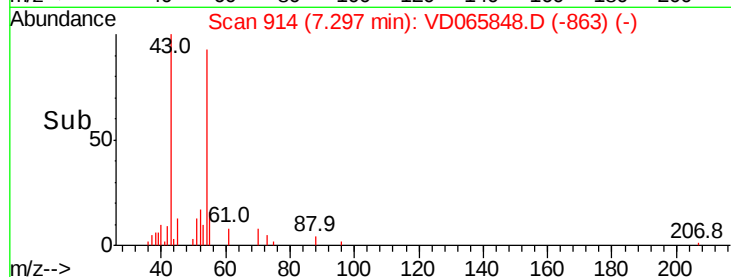
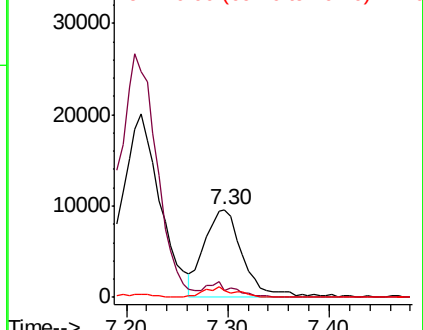
70 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 21.608 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

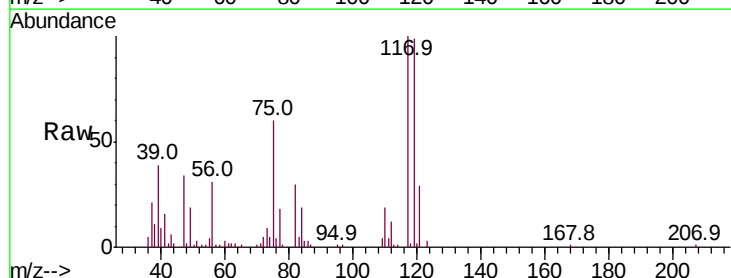
Tgt Ion: 117 Resp: 65323

Ion Ratio Lower Upper

117 100

119 98.6 76.8 115.2

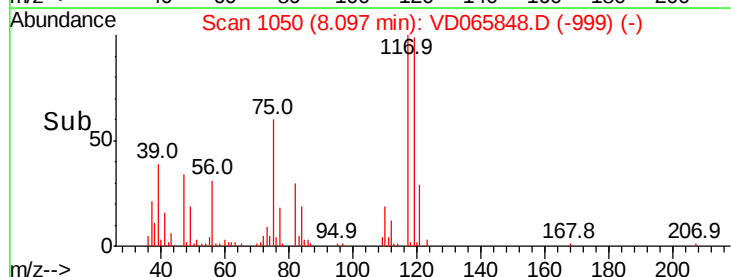
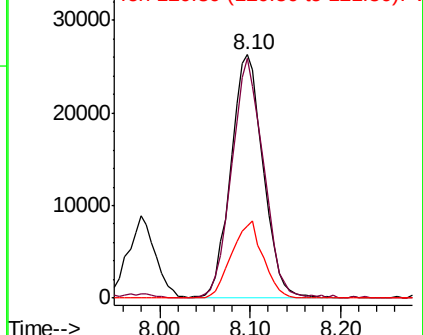
121 29.4 23.4 35.2

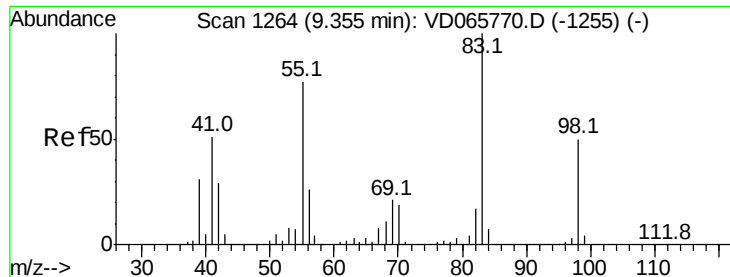


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

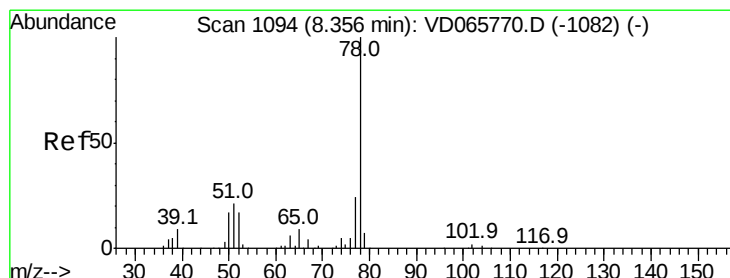
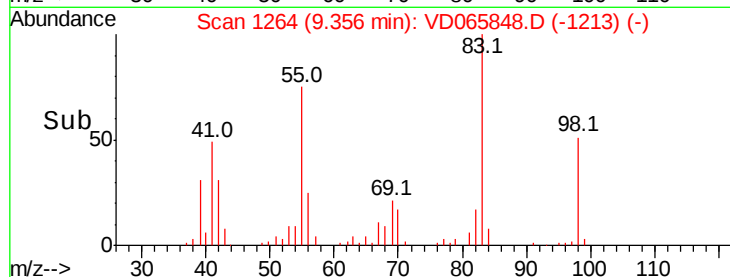
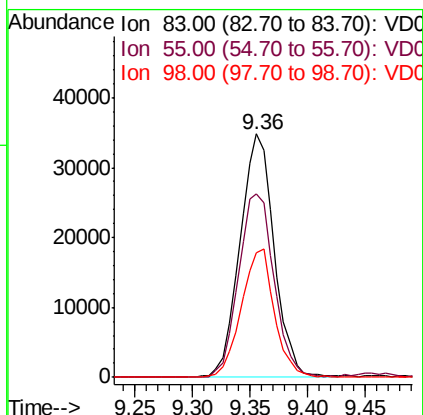
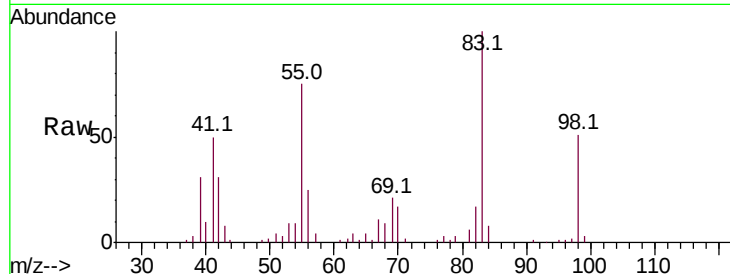




#39
Methvlcvclohexane
Concen: 21.069 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

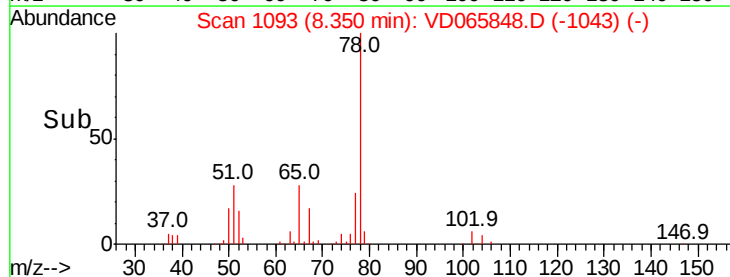
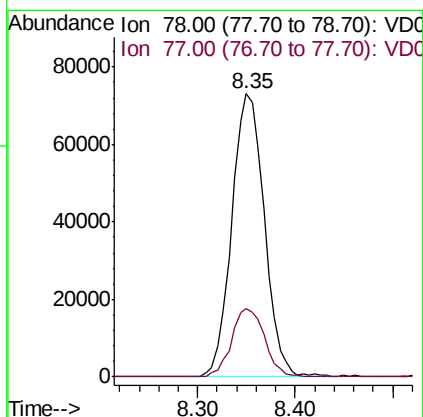
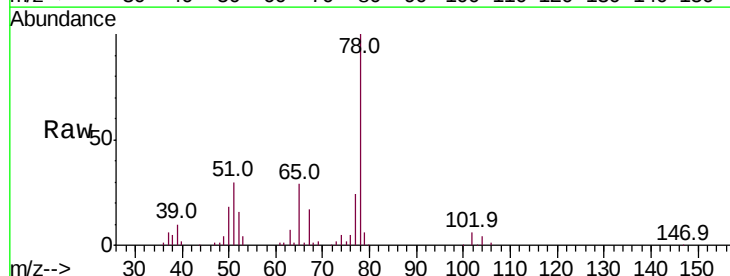
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

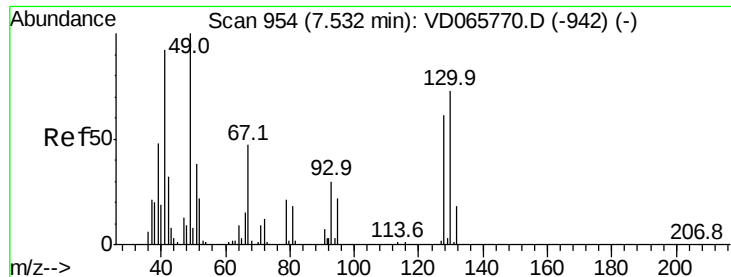
Tot Ion: 83 Resp: 71656
Ion Ratio Lower Upper
83 100
55 75.4 61.6 92.4
98 51.2 40.2 60.2



#40
Benzene
Concen: 21.677 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 78 Resp: 170230
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

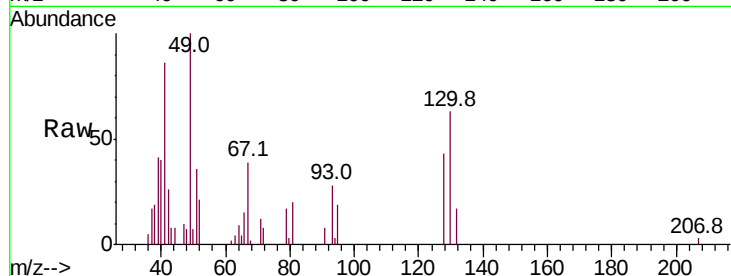




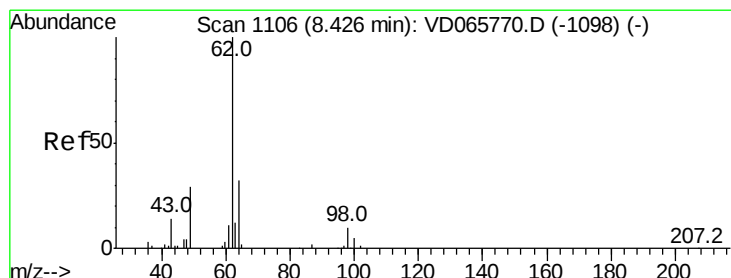
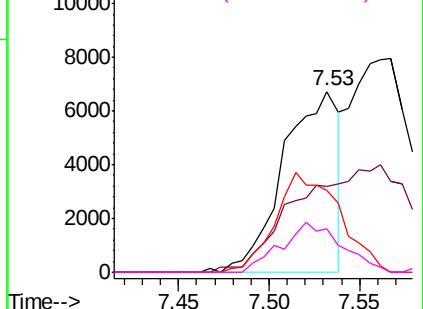
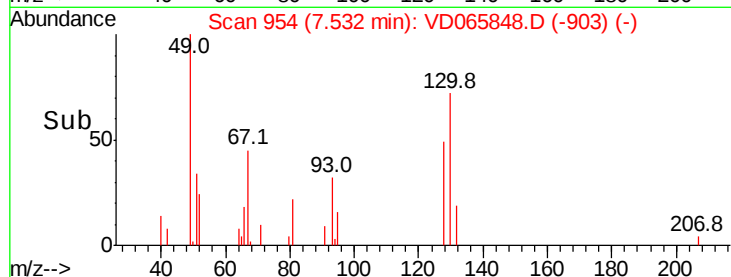
#41
Methacrylonitrile
Concen: 21.309 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion: 41 Resp: 14356
Ion Ratio Lower Upper
41 100
39 0.0 38.3 57.5#
67 63.7 49.8 74.6
52 30.2 21.7 32.5

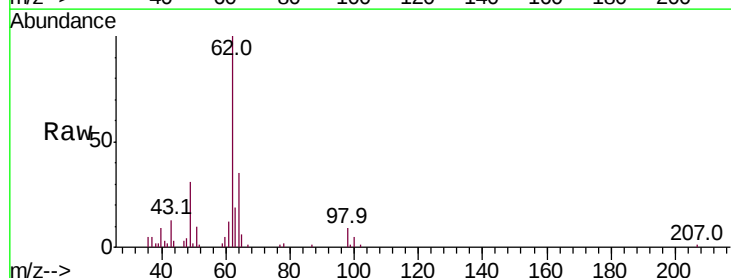


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

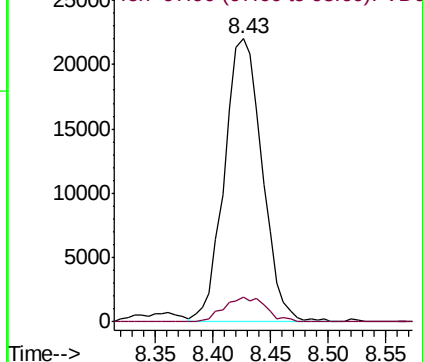
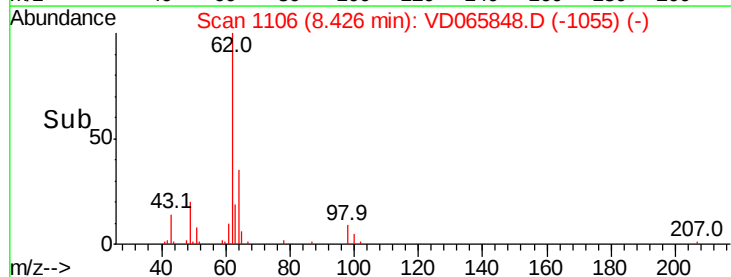


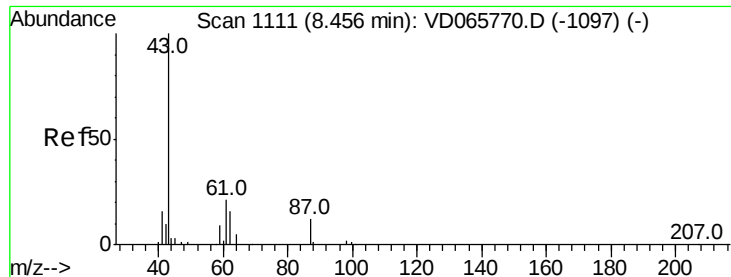
#42
1,2-Dichloroethane
Concen: 21.105 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 62 Resp: 50007
Ion Ratio Lower Upper
62 100
98 9.6 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: 20.497 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

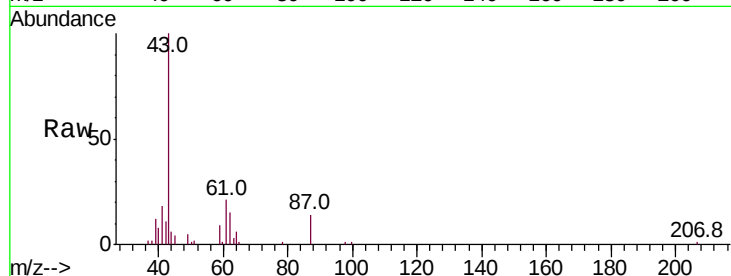
Tot Ion: 43 Resp: 46117

Ion Ratio Lower Upper

43 100

61 29.8 24.2 36.4

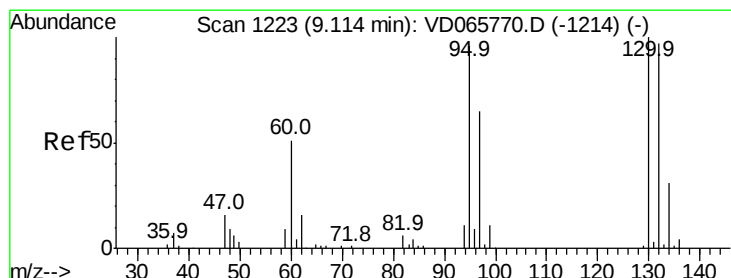
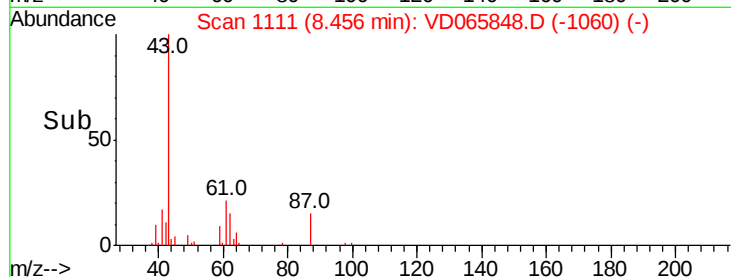
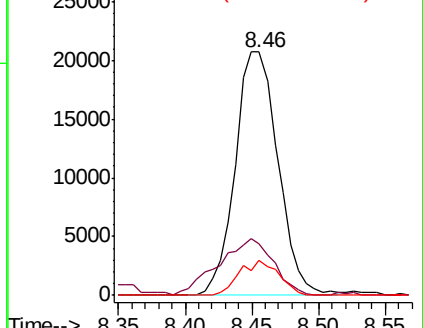
87 13.2 9.5 14.3



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: 21.021 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065848.D

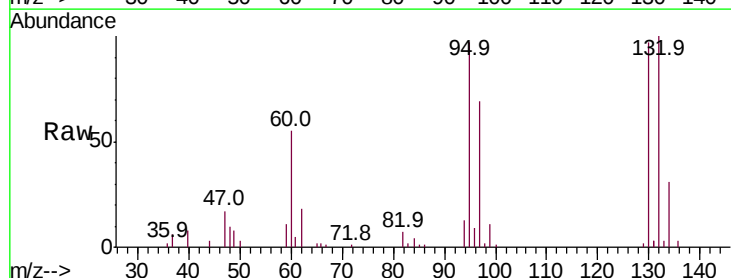
Acq: 22 Jun 2020 16:57

Tgt Ion: 130 Resp: 45940

Ion Ratio Lower Upper

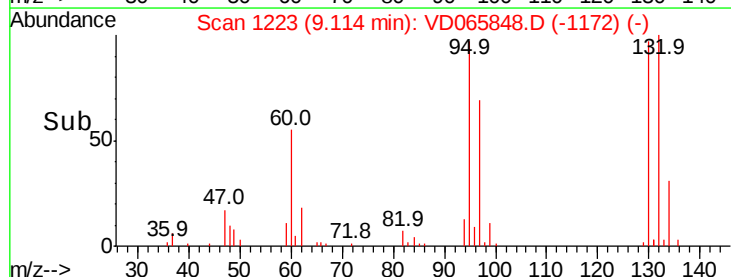
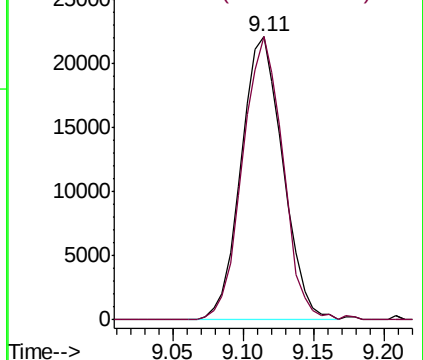
130 100

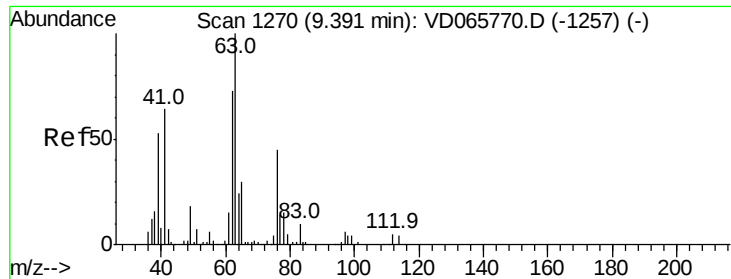
95 100.0 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.369 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

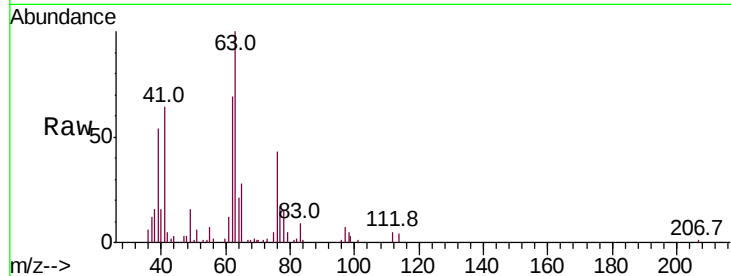
VD0622SBS01

Tot Ion: 63 Resp: 42165

Ion Ratio Lower Upper

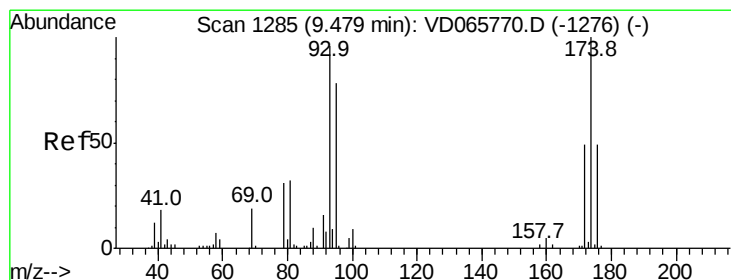
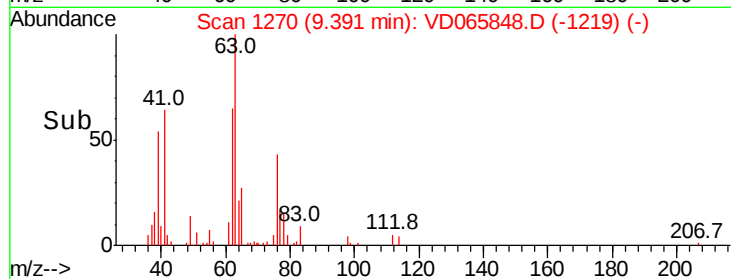
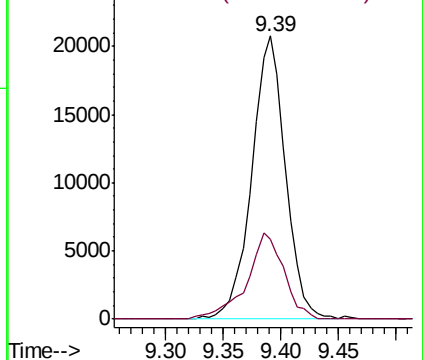
63 100

65 28.3 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.022 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

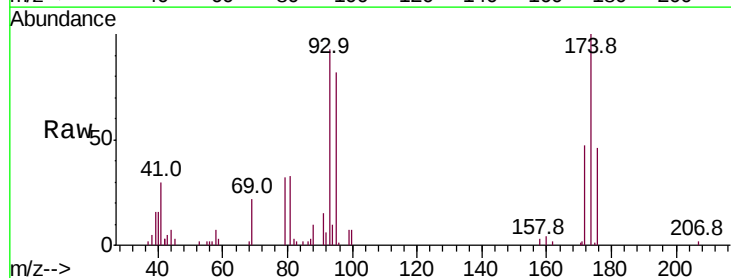
Tgt Ion: 93 Resp: 21426

Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

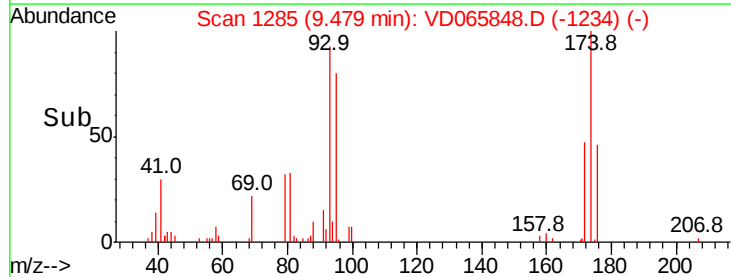
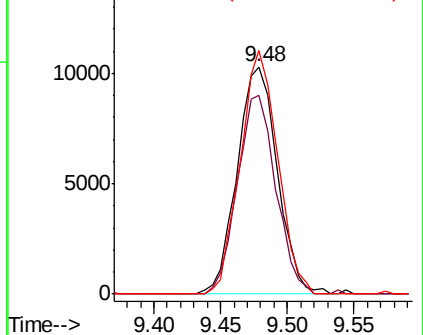
174 100.1 80.9 121.3

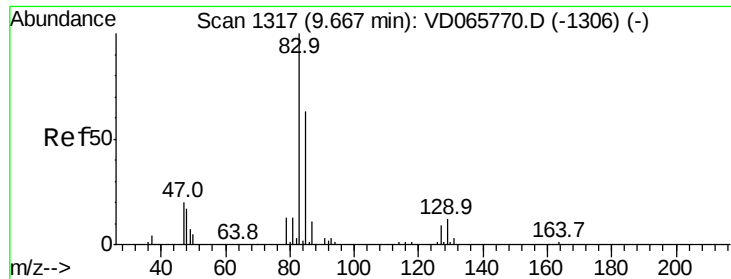


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.002 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

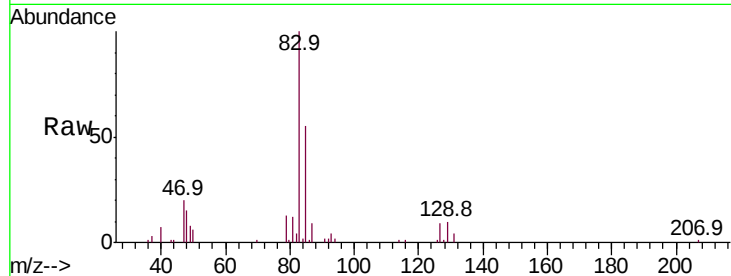
Tot Ion: 83 Resp: 60228

Ion Ratio Lower Upper

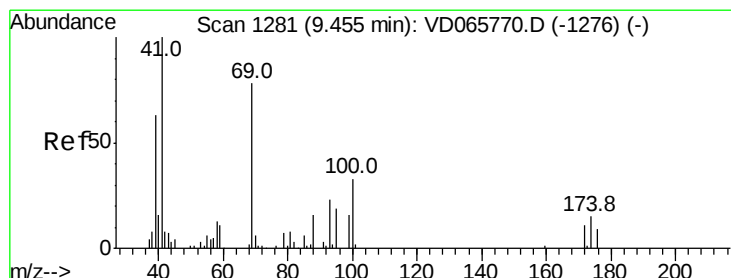
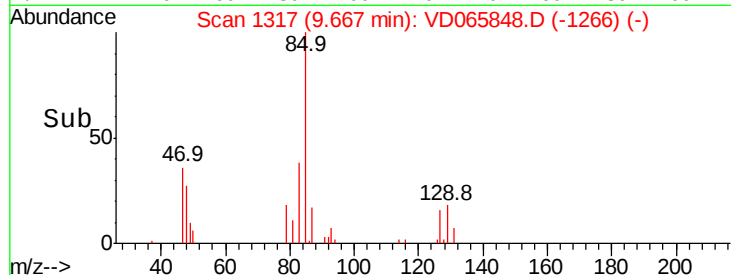
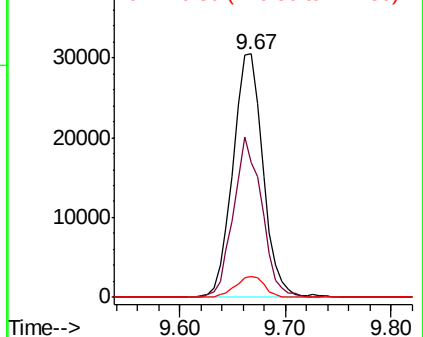
83 100

85 55.3 50.7 76.1

127 8.7 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: 21.942 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

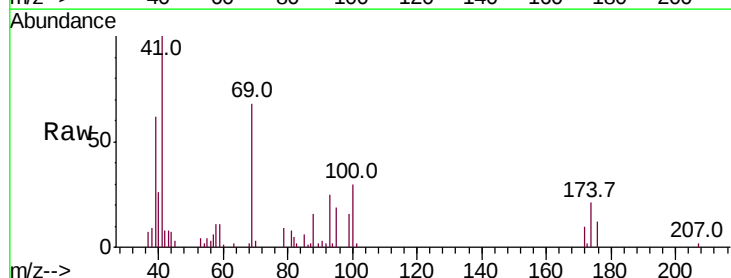
Tgt Ion: 41 Resp: 23896

Ion Ratio Lower Upper

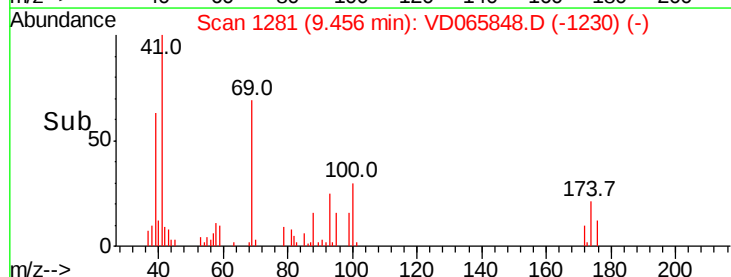
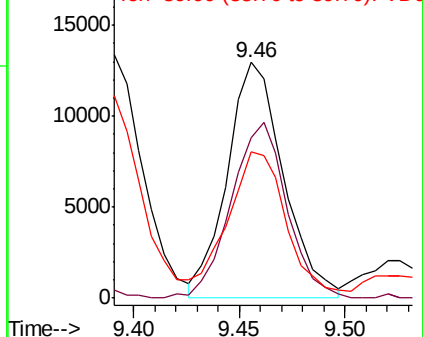
41 100

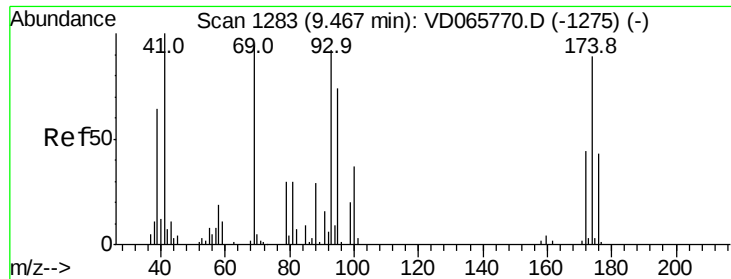
69 73.8 60.9 91.3

39 58.4 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

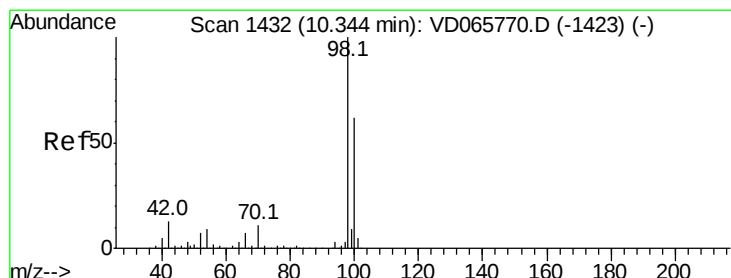
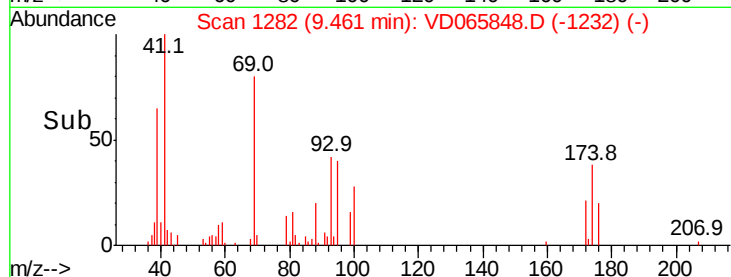
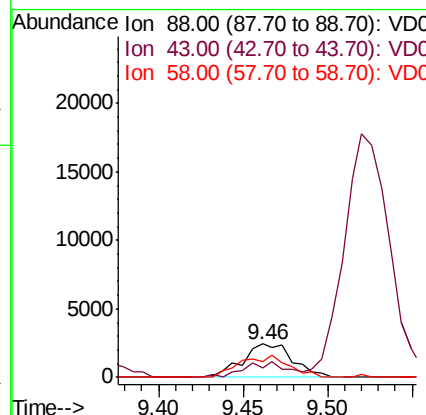
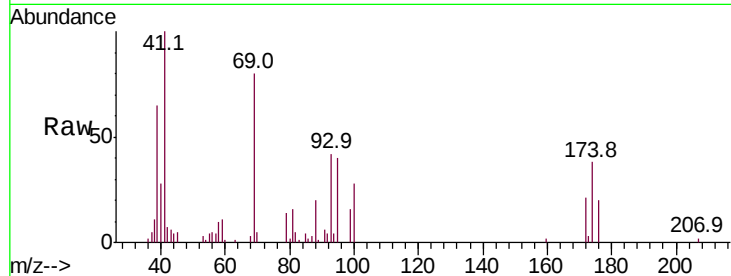




#49
 1,4-Dioxane
 Concen: 448.446 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

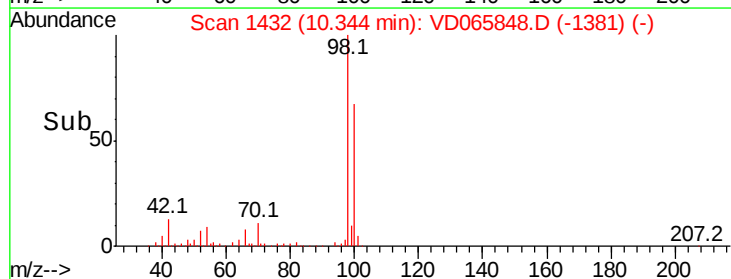
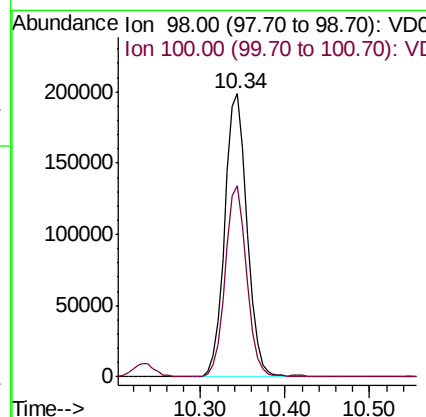
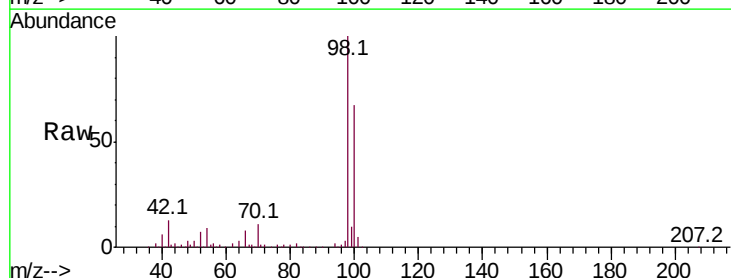
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

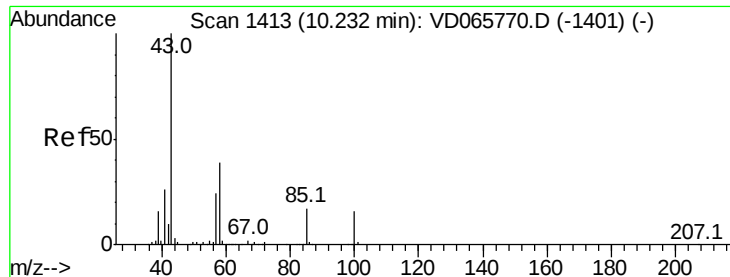
Tot Ion: 88 Resp: 5108
 Ion Ratio Lower Upper
 88 100
 43 38.8 32.2 48.4
 58 62.7 54.9 82.3



#50
 Toluene-d8
 Concen: 51.627 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 98 Resp: 364641
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 103.371 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

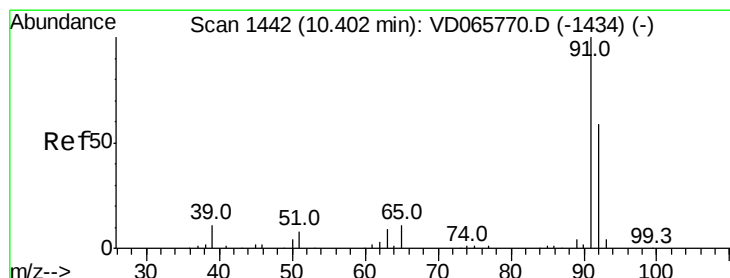
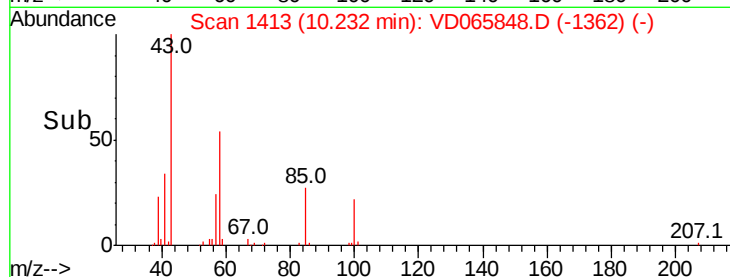
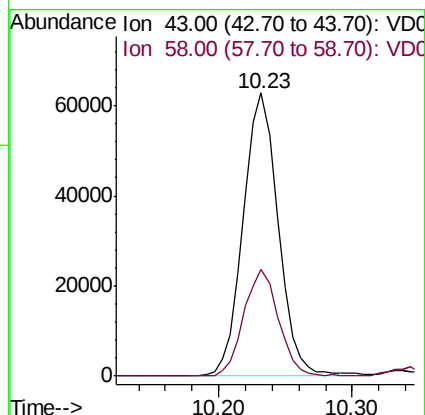
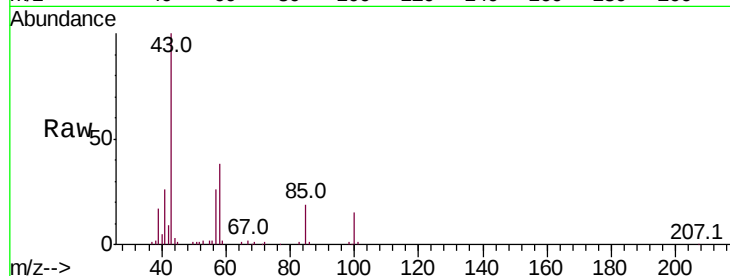
VD0622SBS01

Tot Ion: 43 Resp: 113964

Ion Ratio Lower Upper

43 100

58 37.7 30.7 46.1



#52

Toluene

Concen: 21.674 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065848.D

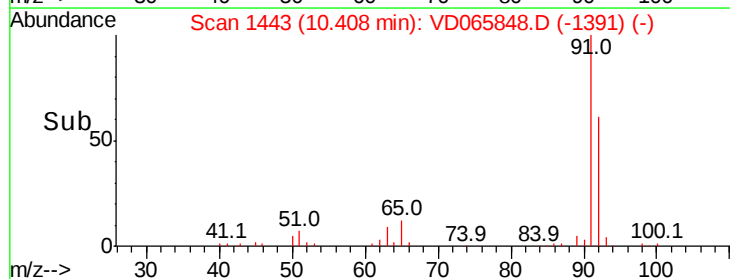
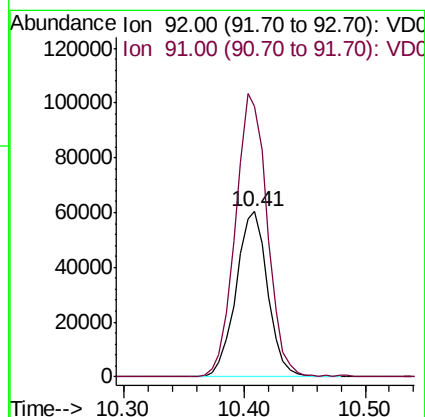
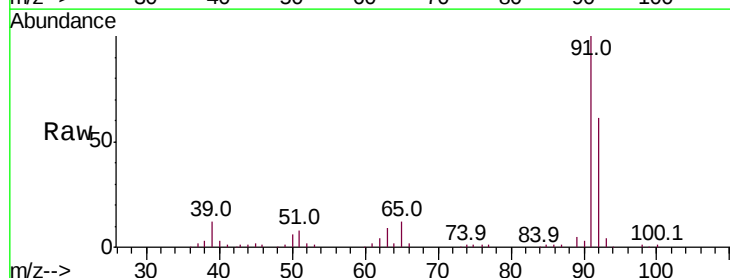
Acq: 22 Jun 2020 16:57

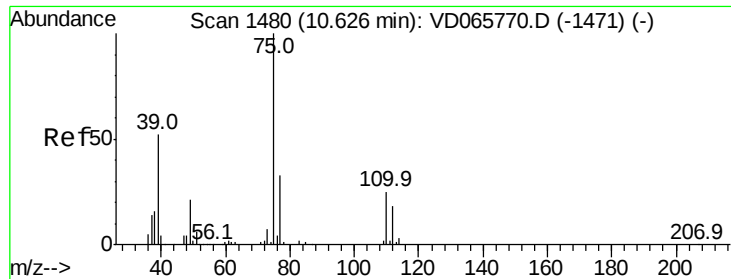
Tgt Ion: 92 Resp: 110591

Ion Ratio Lower Upper

92 100

91 172.1 137.8 206.8

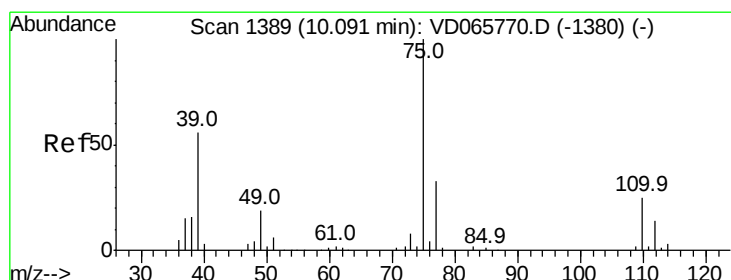
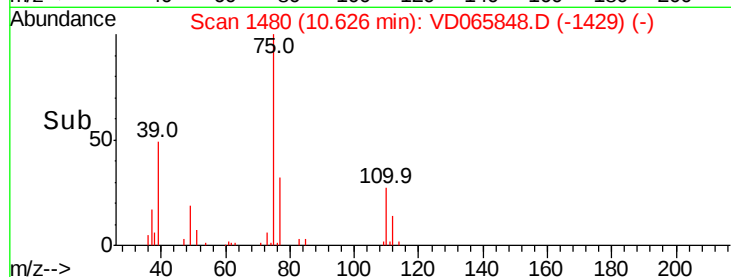
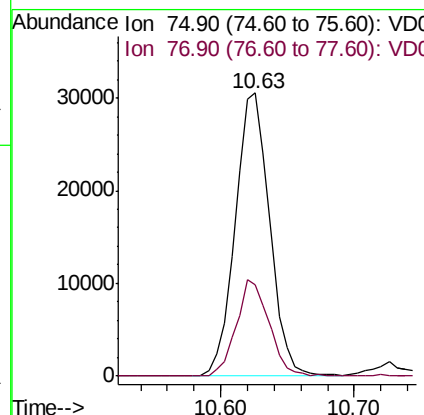
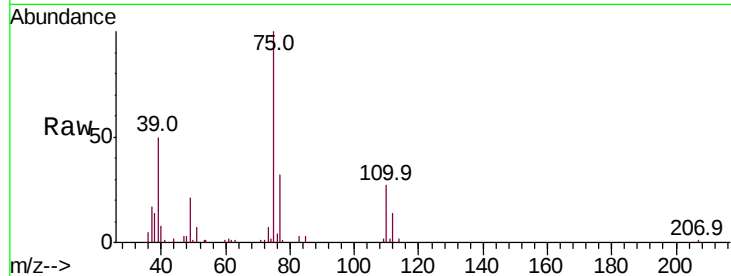




#53
t-1,3-Dichloropropene
Concen: 21.072 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

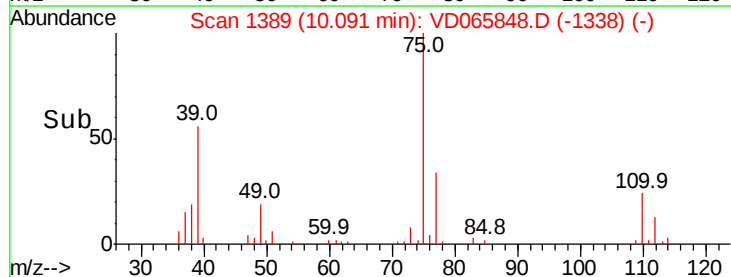
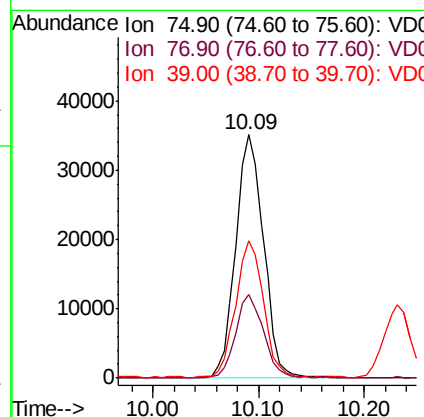
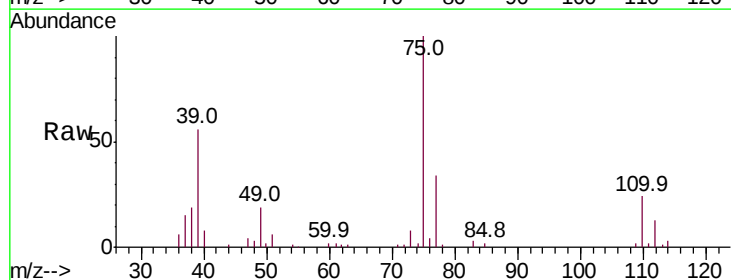
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

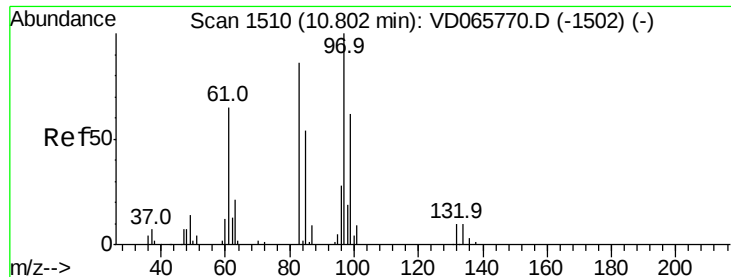
Tot Ion: 75 Resp: 54720
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 20.931 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 64194
Ion Ratio Lower Upper
75 100
77 34.4 26.0 39.0
39 56.2 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.948 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

Tot Ion: 97 Resp: 29954

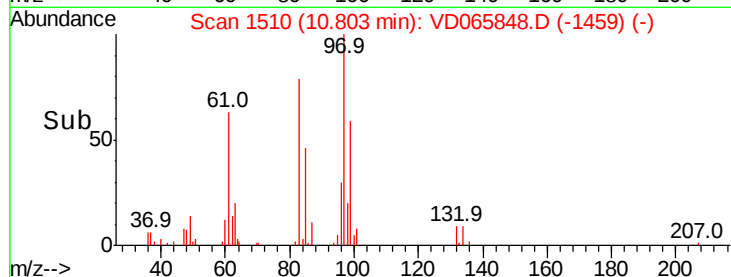
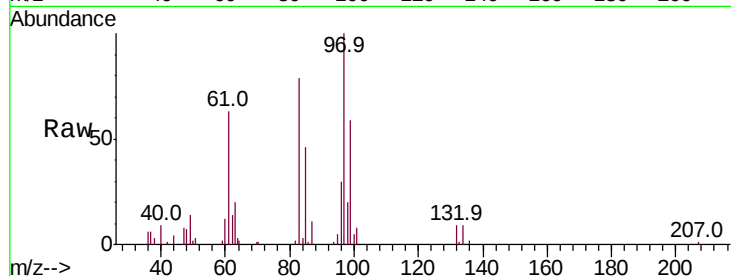
Ion	Ratio	Lower	Upper
97	100		
83	78.6	68.7	103.1
85	45.8	43.0	64.6
99	58.9	49.8	74.6

97 100

83 78.6 68.7 103.1

85 45.8 43.0 64.6

99 58.9 49.8 74.6



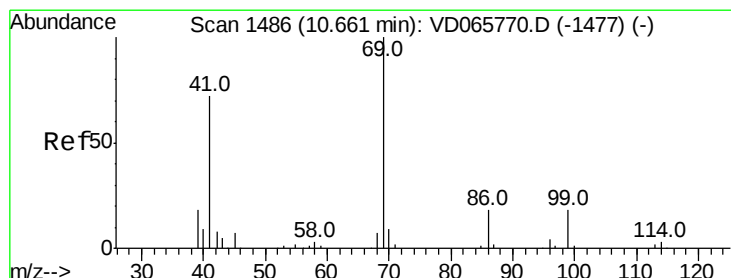
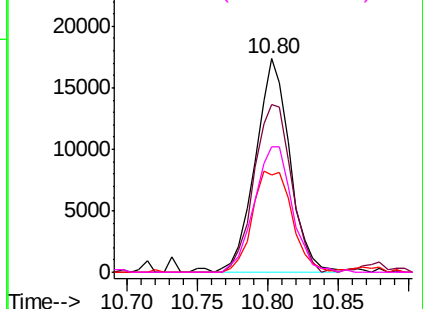
Abundance

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: 20.364 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

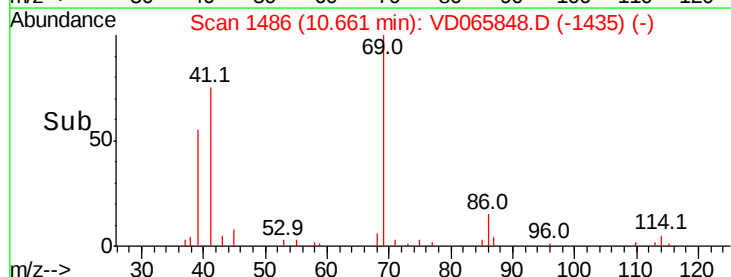
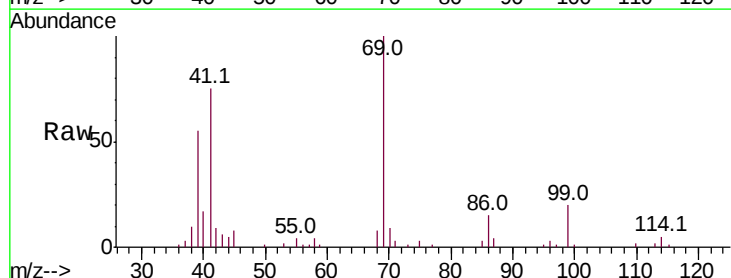
Tgt Ion: 69 Resp: 34250

Ion	Ratio	Lower	Upper
69	100		
41	75.3	56.9	85.3
39	48.0	36.0	54.0

69 100

41 75.3 56.9 85.3

39 48.0 36.0 54.0

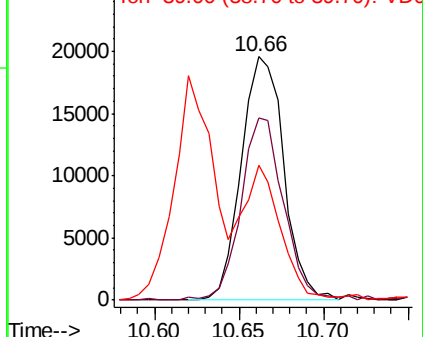


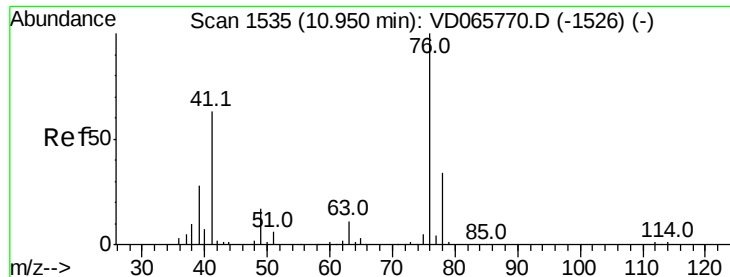
Abundance

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: 21.198 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

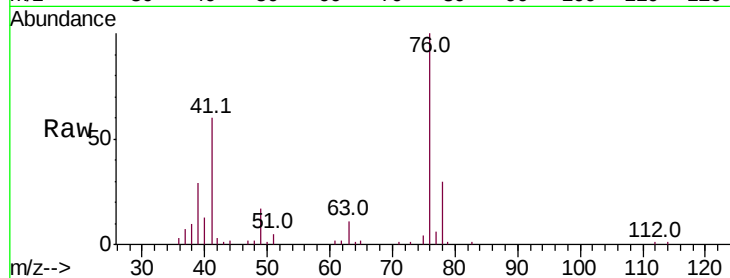
VD0622SBS01

Tot Ion: 76 Resp: 52512

Ion Ratio Lower Upper

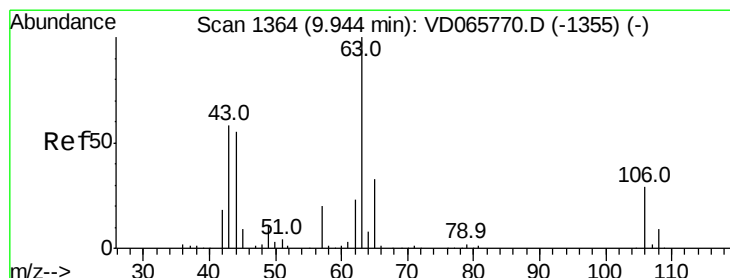
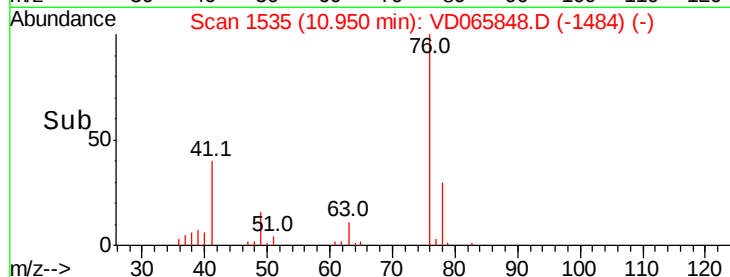
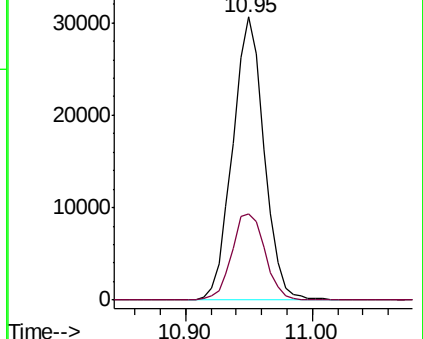
76 100

78 32.1 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 109.103 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065848.D

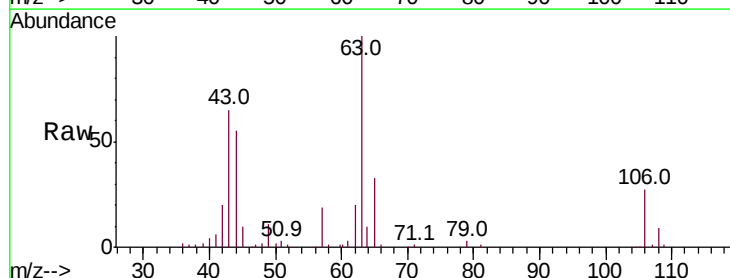
Acq: 22 Jun 2020 16:57

Tgt Ion: 63 Resp: 85310

Ion Ratio Lower Upper

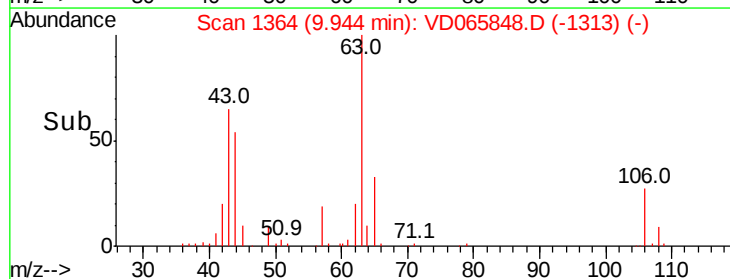
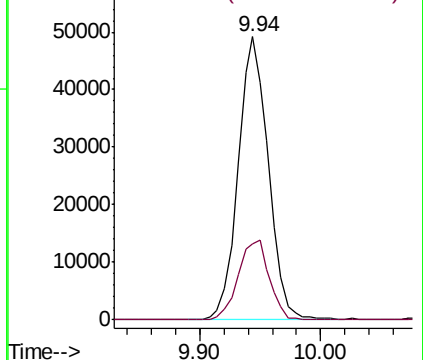
63 100

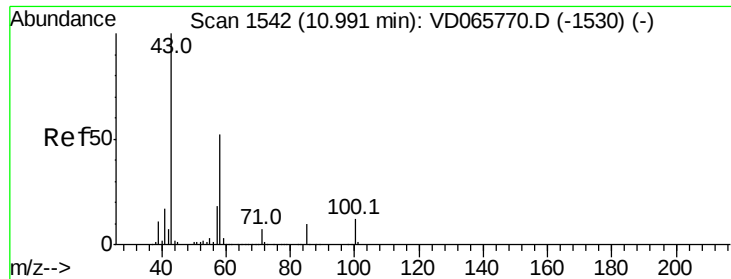
106 28.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 108.266 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

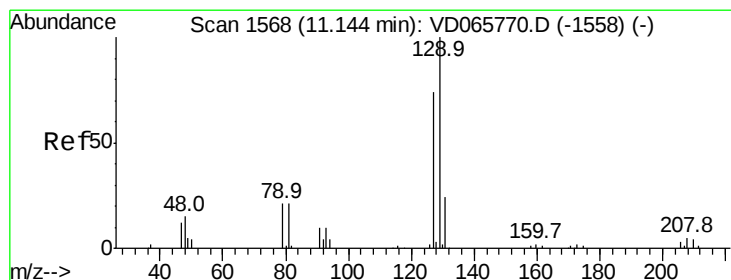
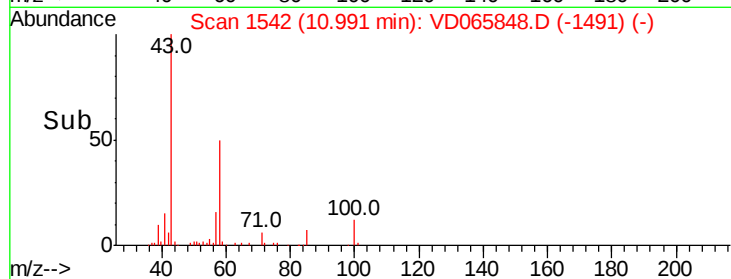
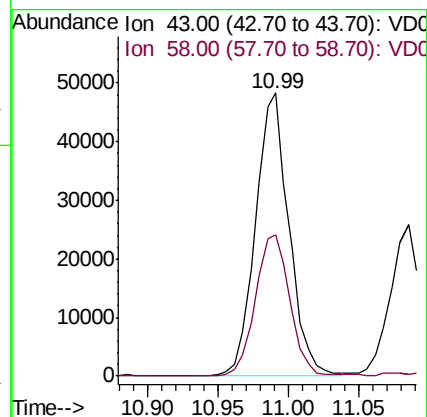
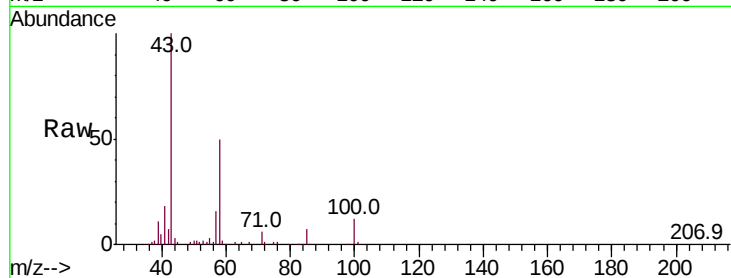
VD0622SBS01

Tot Ion: 43 Resp: 80472

Ion Ratio Lower Upper

43 100

58 51.6 25.7 77.0



#60

Dibromochloromethane

Concen: 20.123 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD065848.D

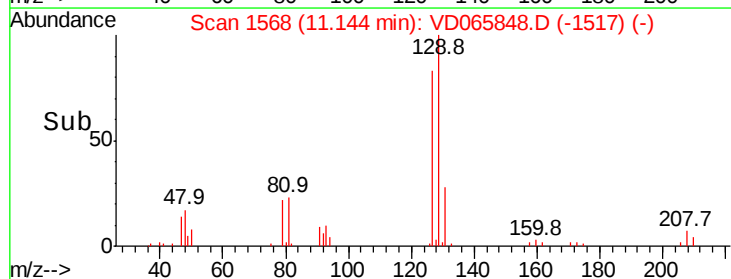
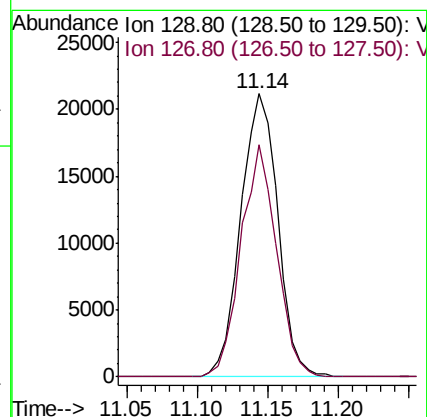
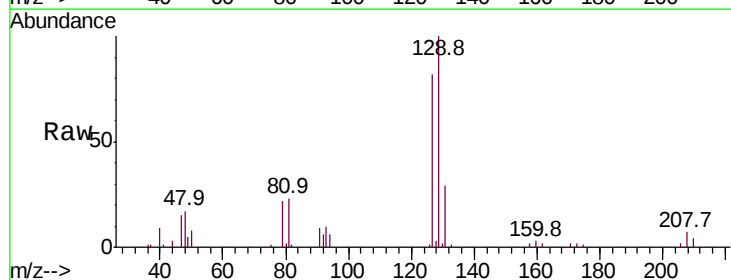
Acq: 22 Jun 2020 16:57

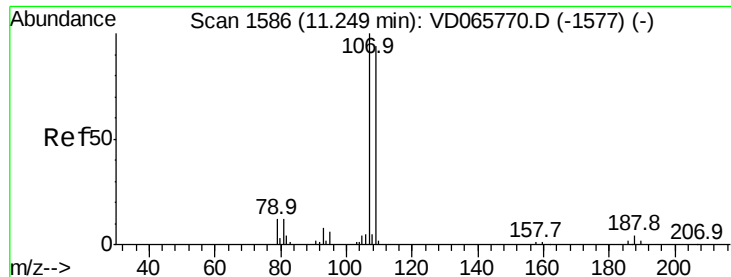
Tgt Ion: 129 Resp: 38871

Ion Ratio Lower Upper

129 100

127 78.7 38.0 113.9

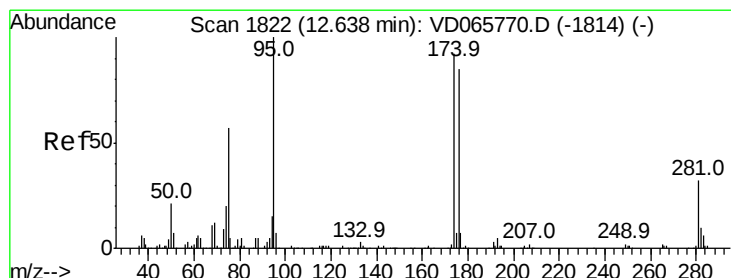
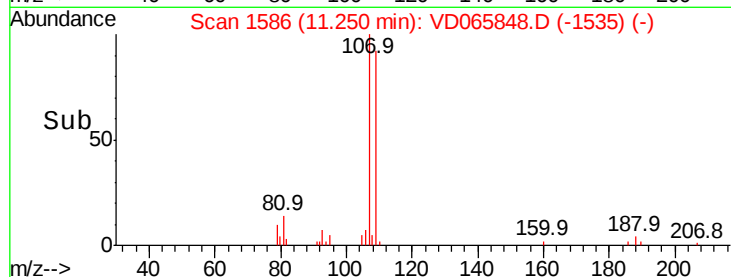
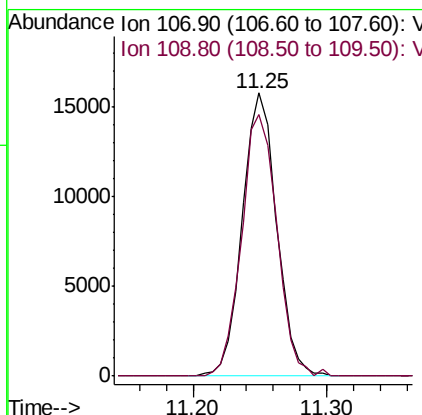
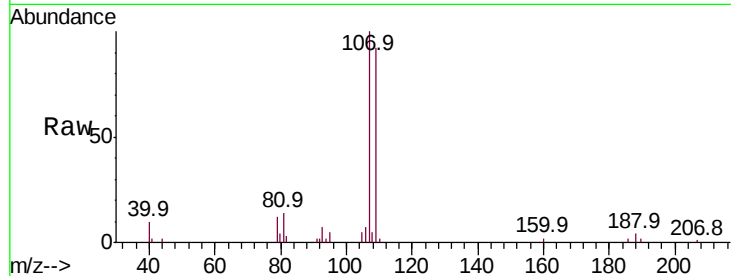




#61
 1,2-Dibromoethane
 Concen: 19.915 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

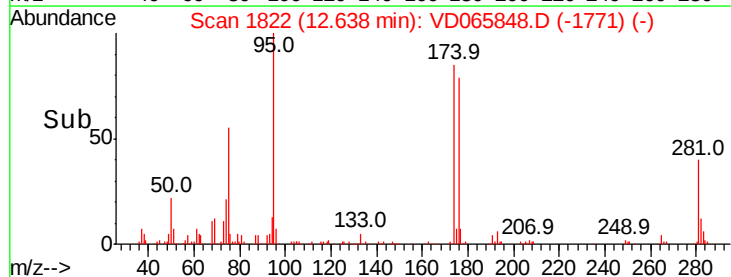
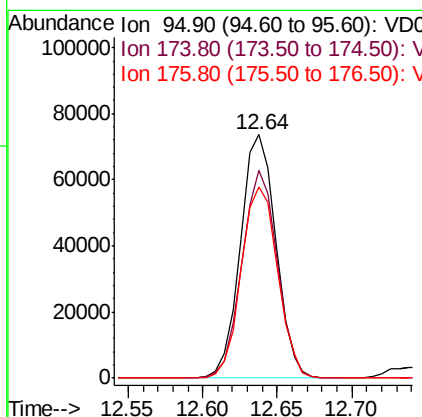
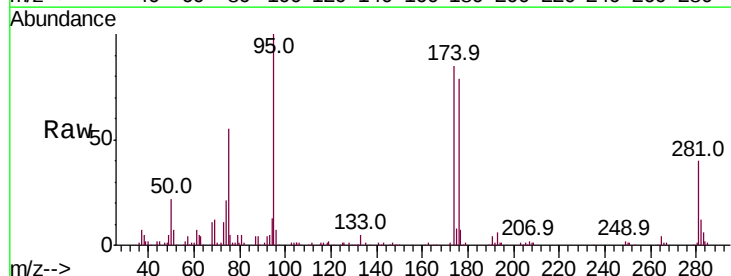
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

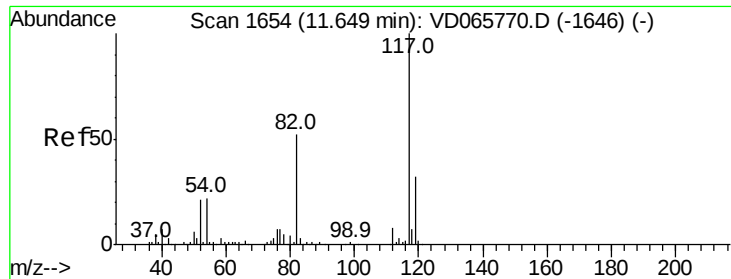
Tot Ion:107 Resp: 27985
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 50.682 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion: 95 Resp: 121399
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 175.2
 176 80.6 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: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

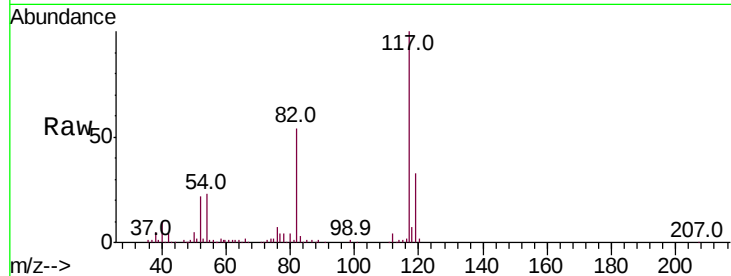
Tot Ion:117 Resp: 274761

Ion Ratio Lower Upper

117 100

82 54.2 41.9 62.9

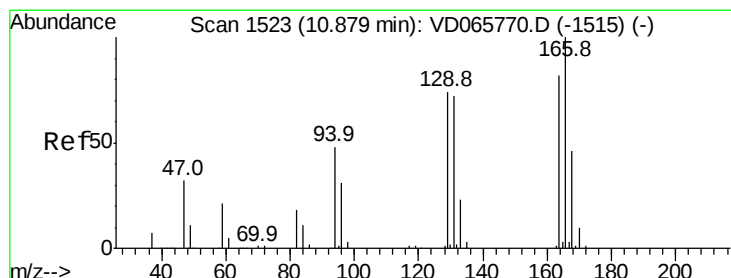
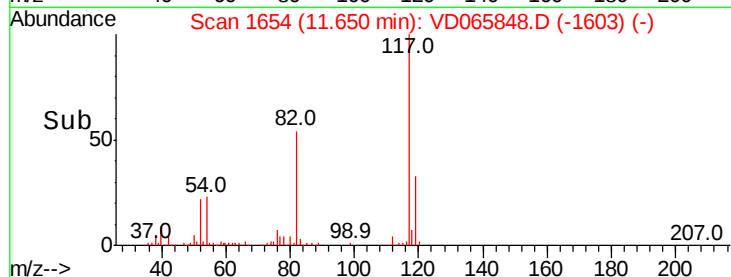
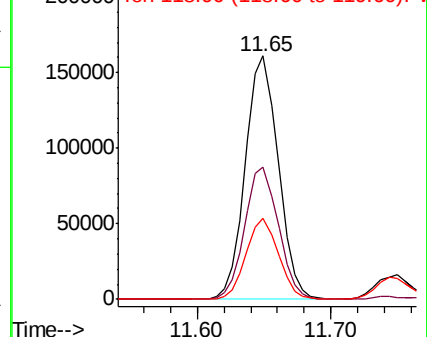
119 33.3 25.3 37.9



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: 21.056 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Tgt Ion:164 Resp: 39120

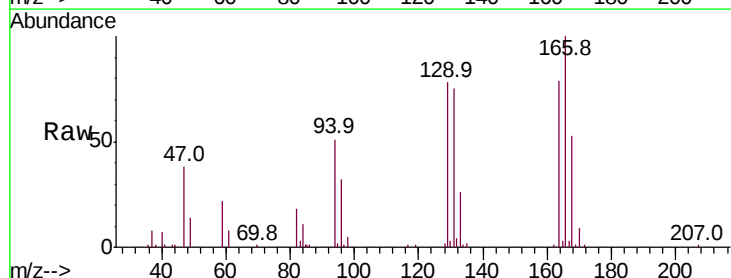
Ion Ratio Lower Upper

164 100

166 126.2 98.2 147.2

129 98.9 72.3 108.5

131 94.9 70.5 105.7

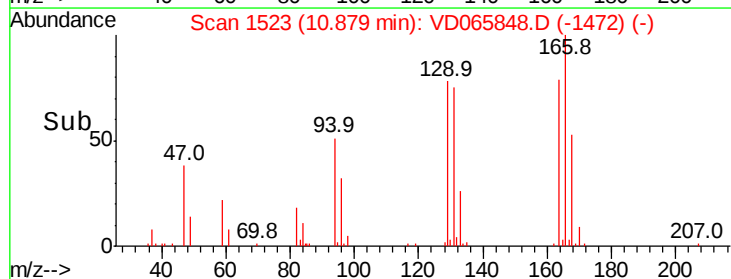
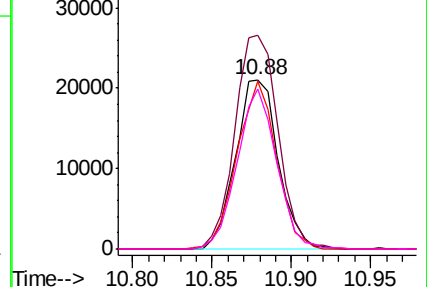


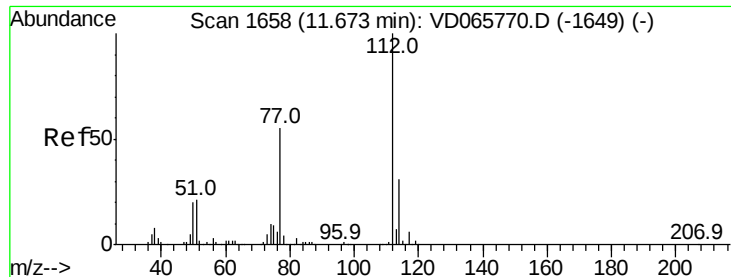
Abundance Ion 163.80 (163.50 to 164.50): V

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

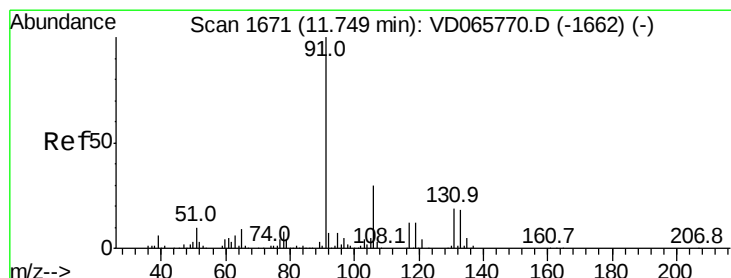
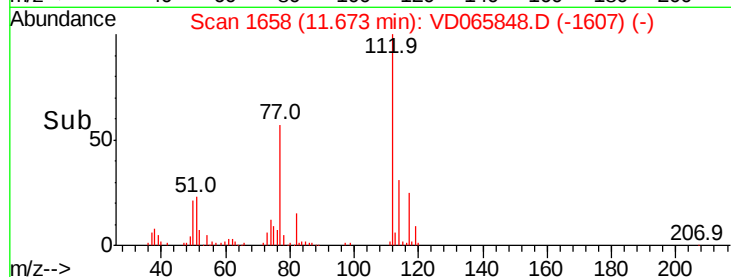
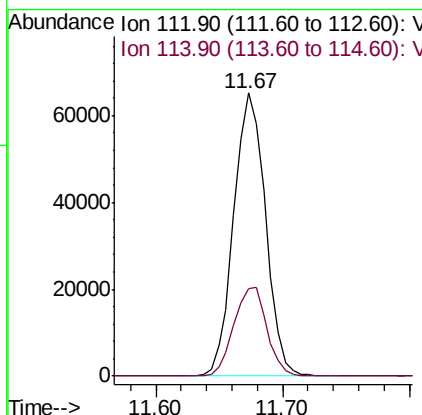
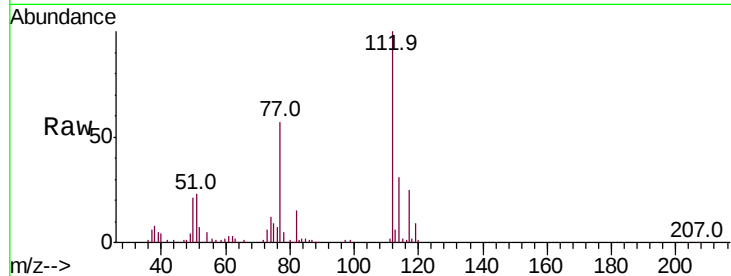




#65
Chlorobenzene
Concen: 21.070 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

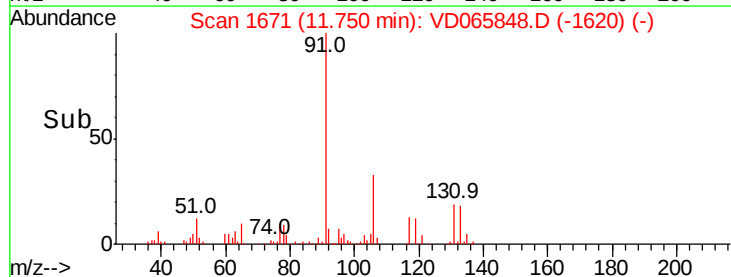
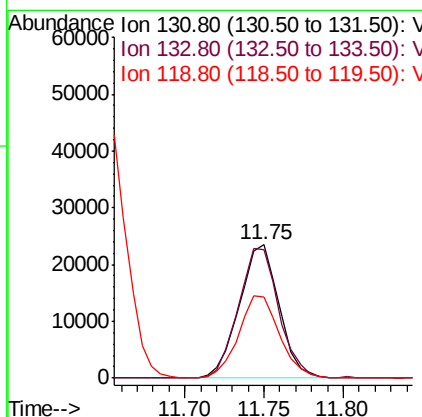
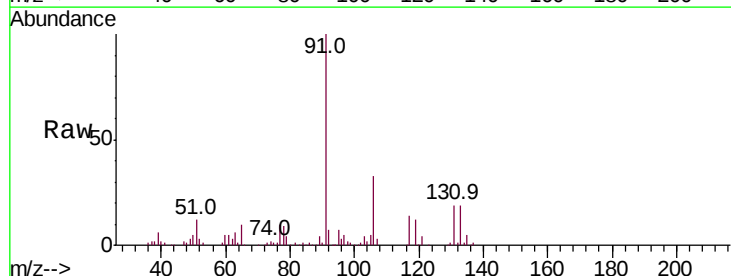
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

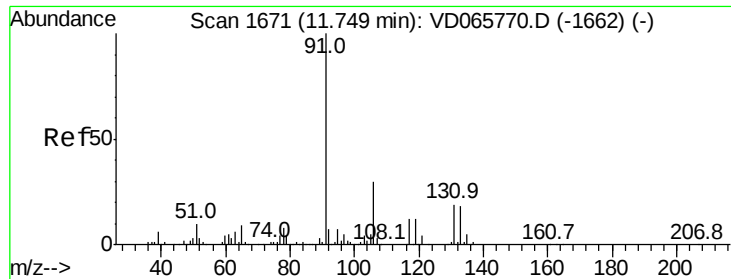
Tot Ion:112 Resp: 113020
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.445 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:131 Resp: 40878
Ion Ratio Lower Upper
131 100
133 99.0 47.3 141.9
119 63.3 31.6 94.8





#67

Ethyl Benzene

Concen: 21.287 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

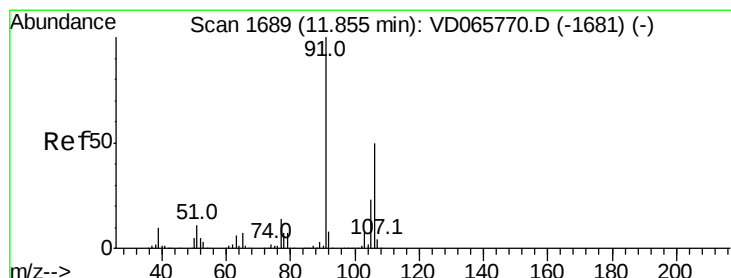
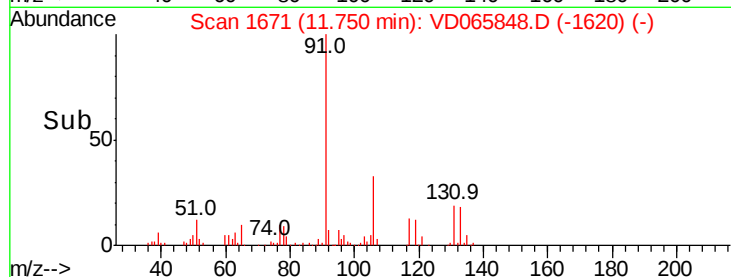
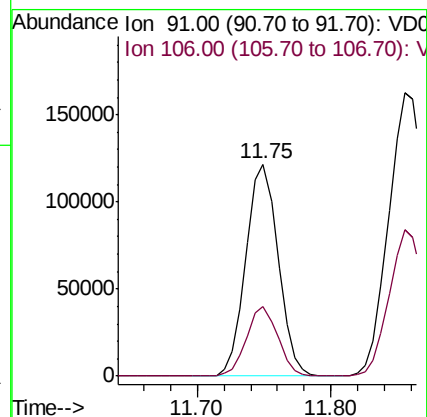
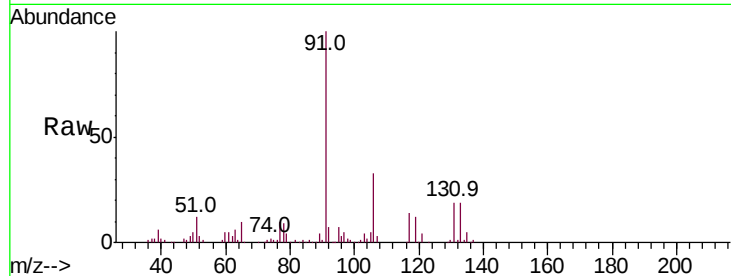
VD0622SBS01

Tot Ion: 91 Resp: 203979

Ion Ratio Lower Upper

91 100

106 32.8 24.1 36.1



#68

m/p-Xylenes

Concen: 42.802 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065848.D

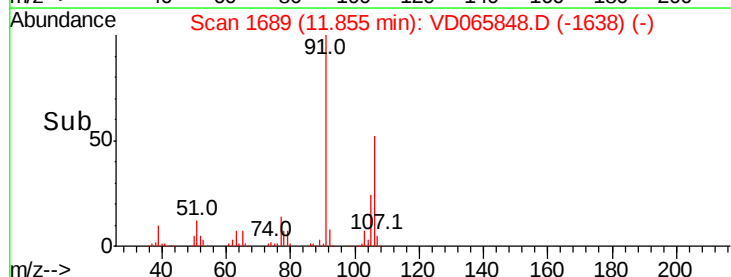
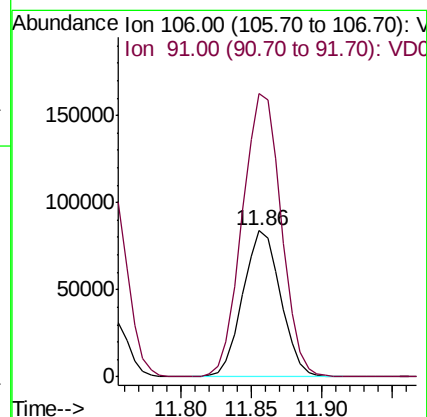
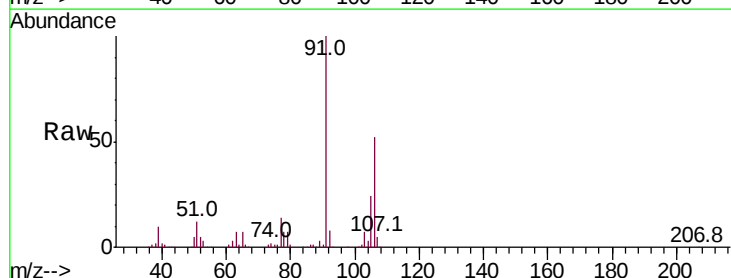
Acq: 22 Jun 2020 16:57

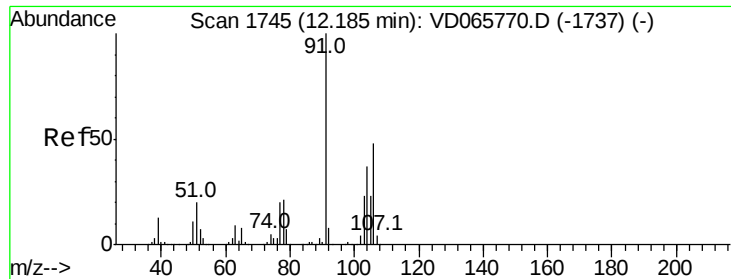
Tgt Ion: 106 Resp: 157980

Ion Ratio Lower Upper

106 100

91 199.5 159.4 239.2

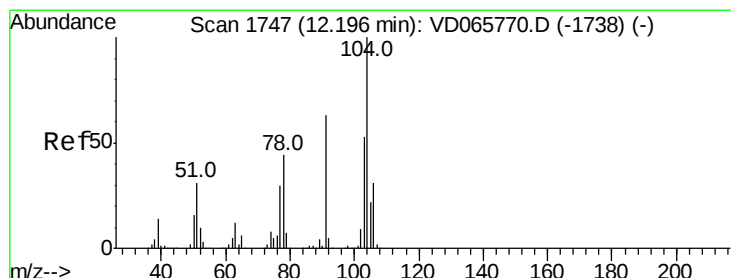
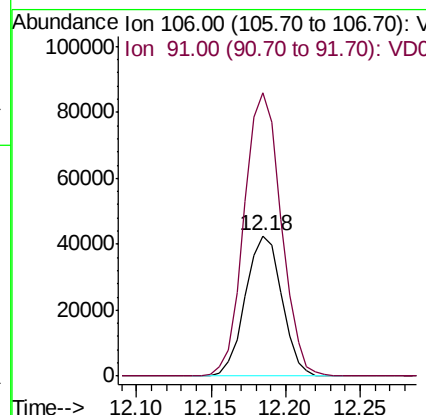
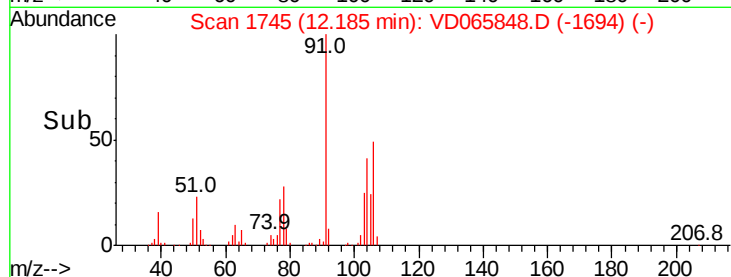
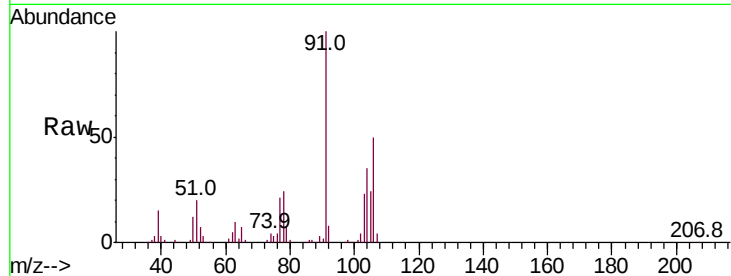




#69
o-Xylene
Concen: 21.571 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

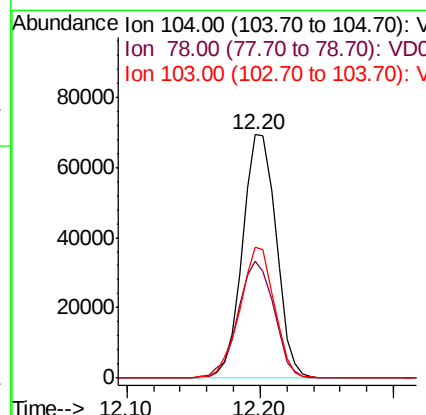
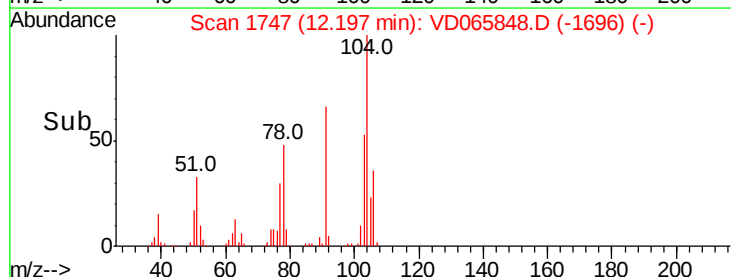
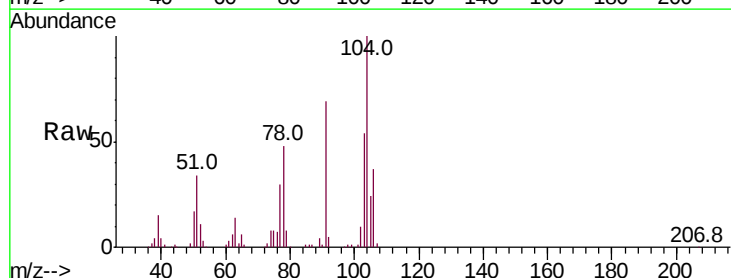
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

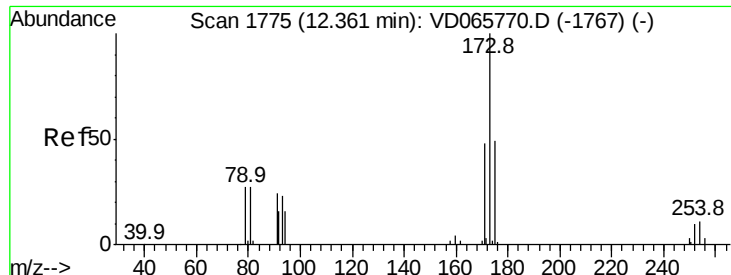
Tot Ion:106 Resp: 71785
Ion Ratio Lower Upper
106 100
91 205.9 105.3 315.8



#70
Styrene
Concen: 21.039 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:104 Resp: 121204
Ion Ratio Lower Upper
104 100
78 51.3 38.6 58.0
103 55.2 43.9 65.9

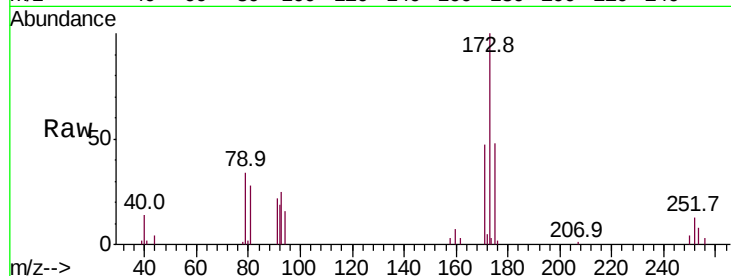




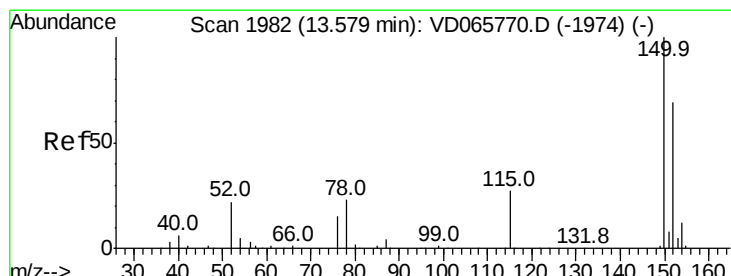
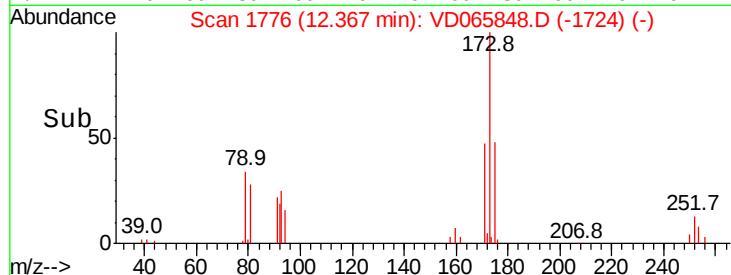
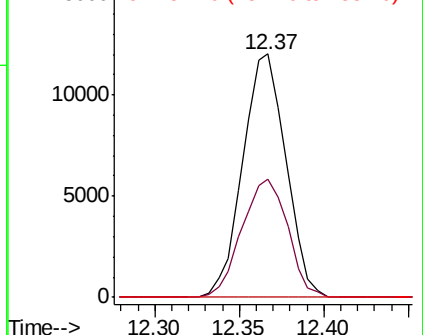
#71
Bromoform
Concen: 19.423 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion:173 Resp: 21386
Ion Ratio Lower Upper
173 100
175 51.4 24.8 74.4
254 0.0 0.0 0.0

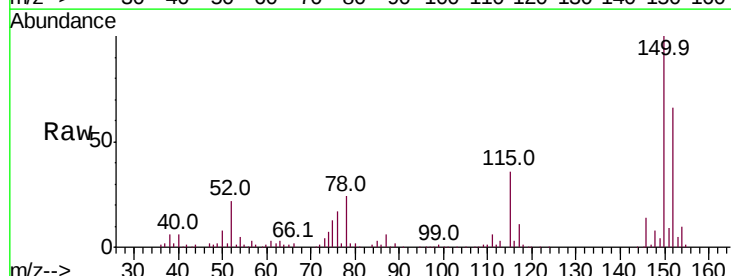


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

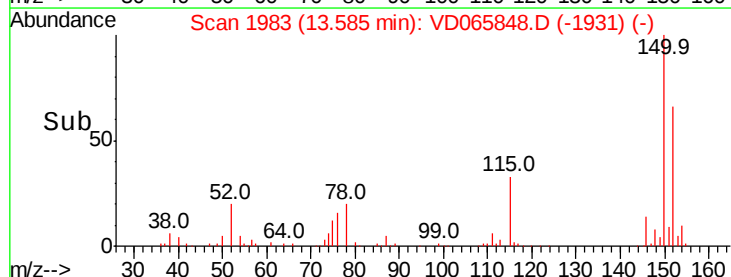
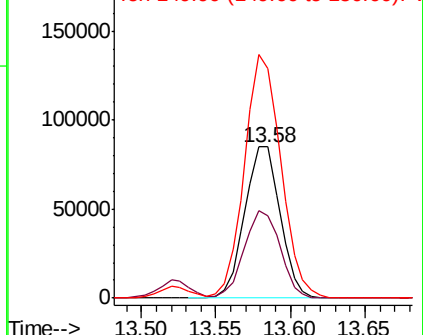


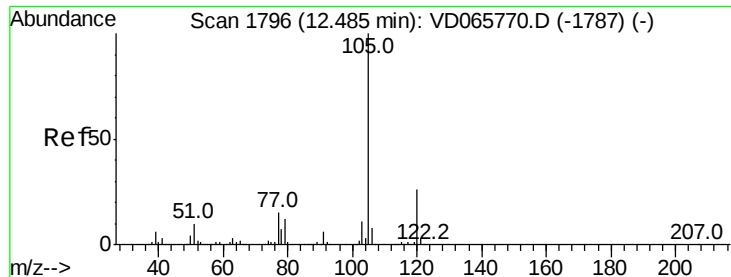
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:152 Resp: 140074
Ion Ratio Lower Upper
152 100
115 57.8 28.7 86.1
150 165.2 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: 21.094 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

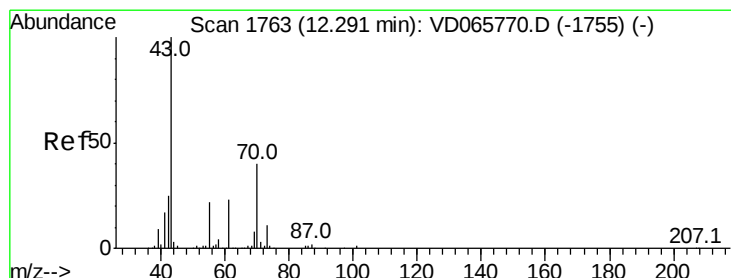
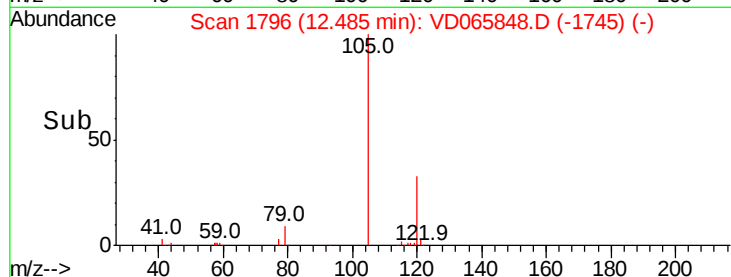
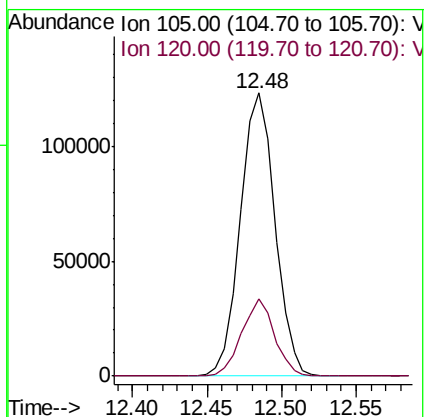
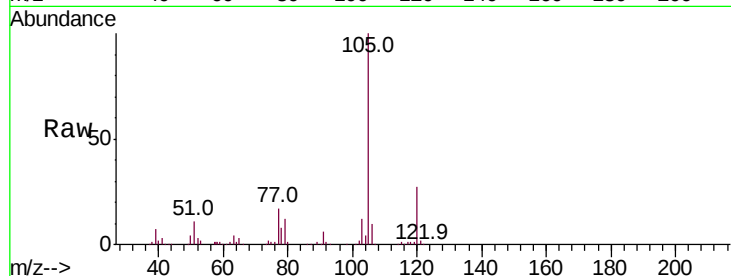
VD0622SBS01

Tot Ion:105 Resp: 198100

Ion Ratio Lower Upper

105 100

120 25.8 13.5 40.5



#74

N-ethyl acetate

Concen: 20.224 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Tgt Ion: 43 Resp: 42256

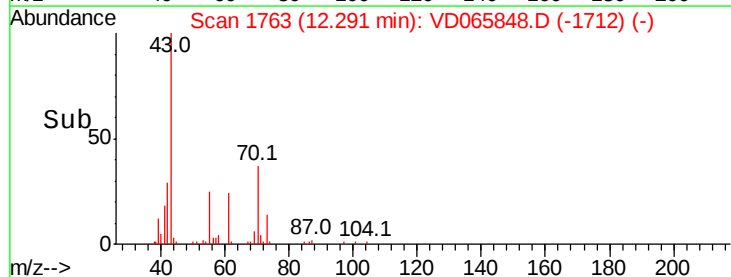
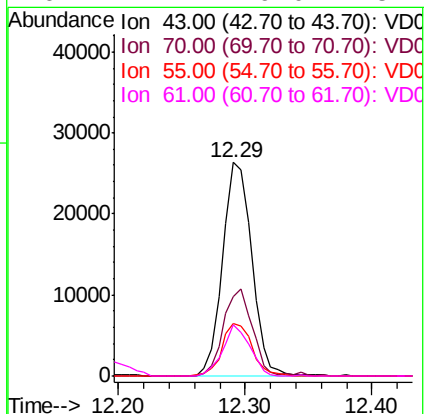
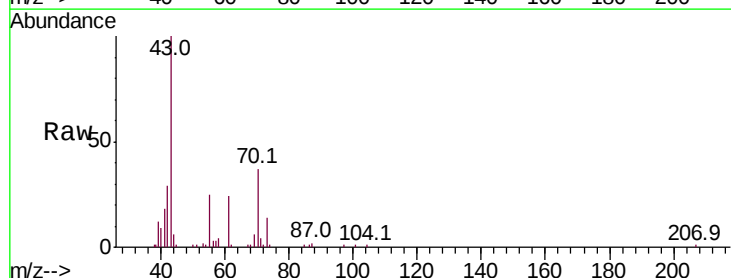
Ion Ratio Lower Upper

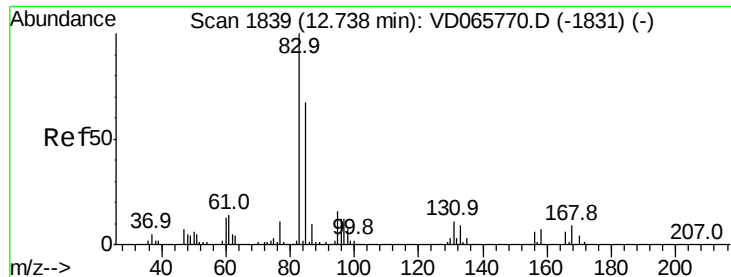
43 100

70 40.2 32.3 48.5

55 25.4 19.0 28.4

61 22.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.487 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

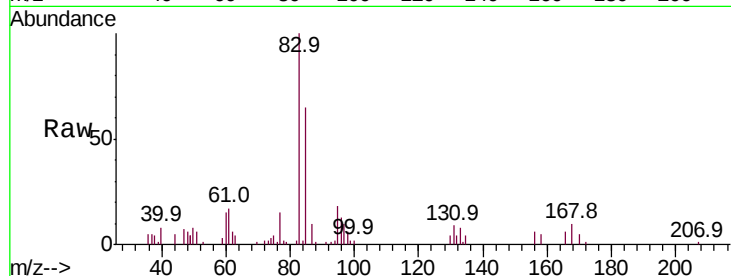
Tot Ion: 83 Resp: 32494

Ion Ratio Lower Upper

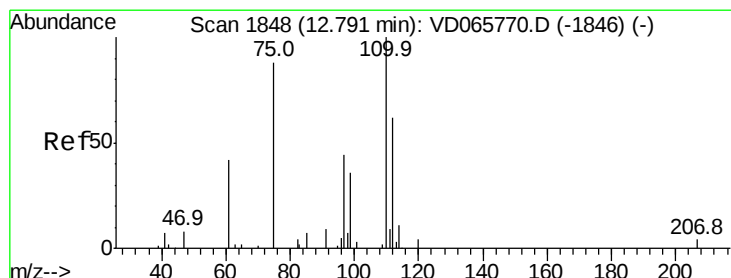
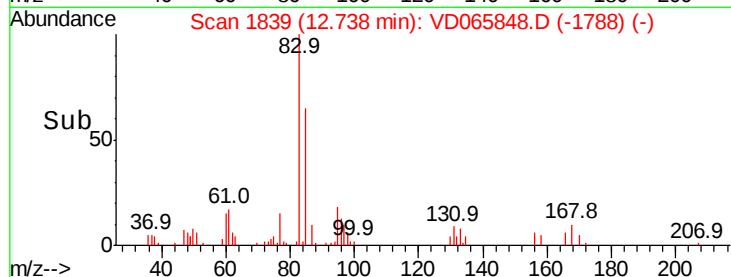
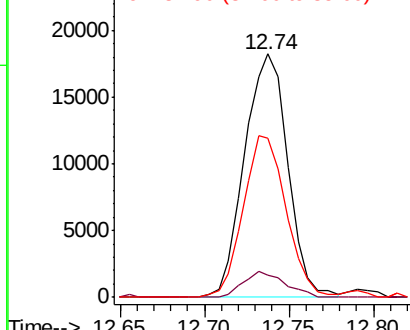
83 100

131 10.3 5.5 16.4

85 65.9 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: 40.509 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065848.D

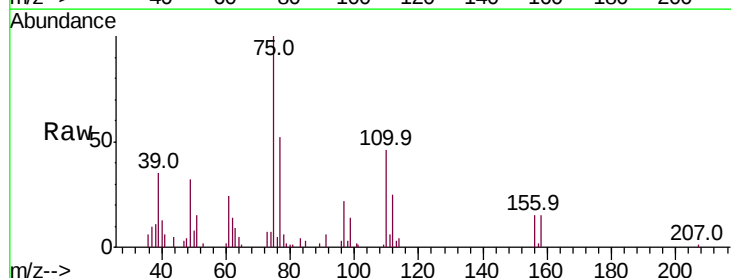
Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 44129

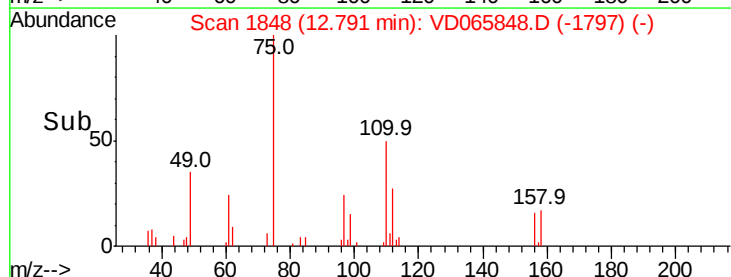
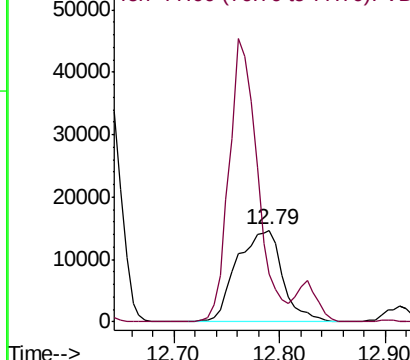
Ion Ratio Lower Upper

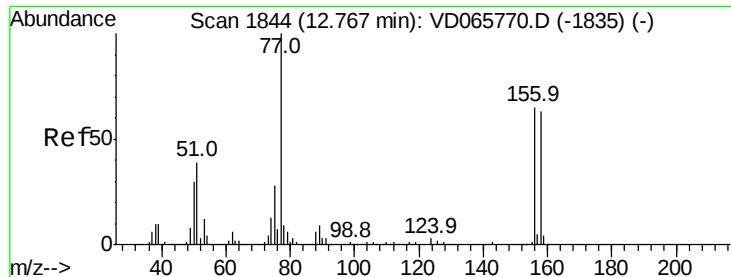
75 100

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: 20.333 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

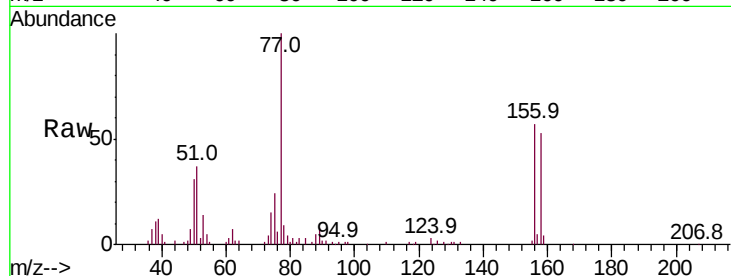
Tot Ion:156 Resp: 45181

Ion Ratio Lower Upper

156 100

77 187.2 87.3 261.8

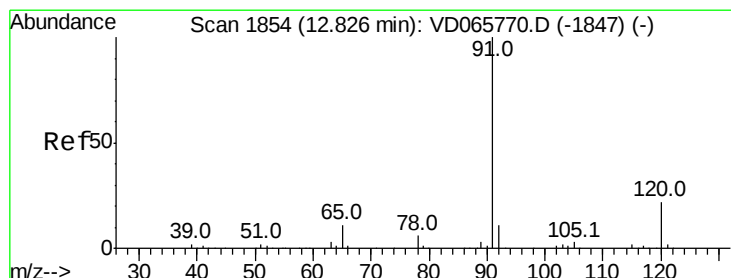
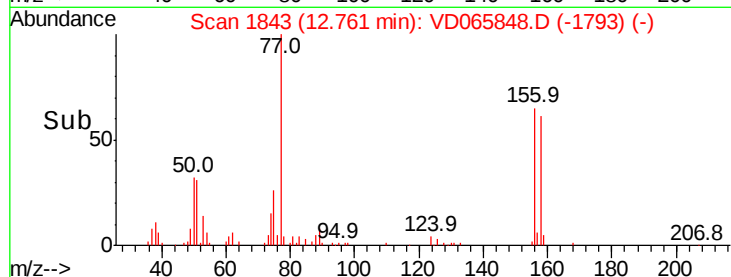
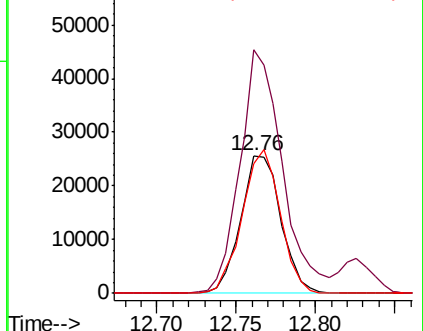
158 98.8 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.585 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065848.D

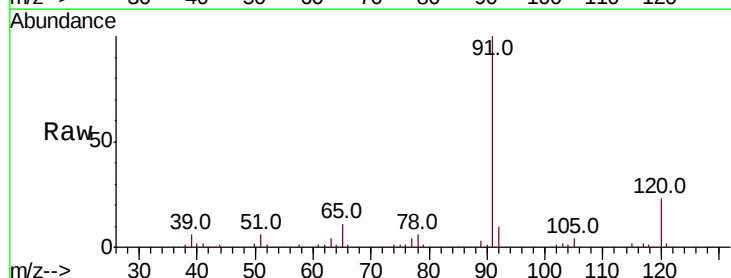
Acq: 22 Jun 2020 16:57

Tgt Ion: 91 Resp: 244014

Ion Ratio Lower Upper

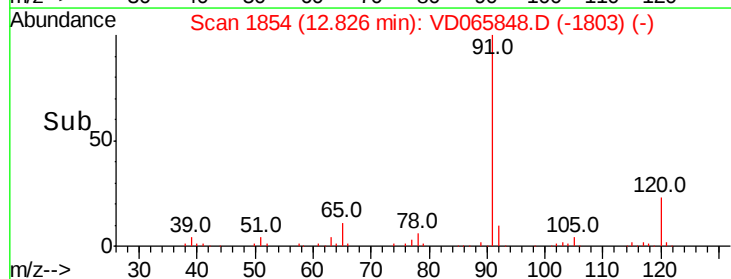
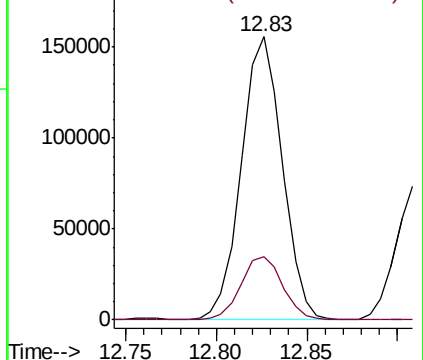
91 100

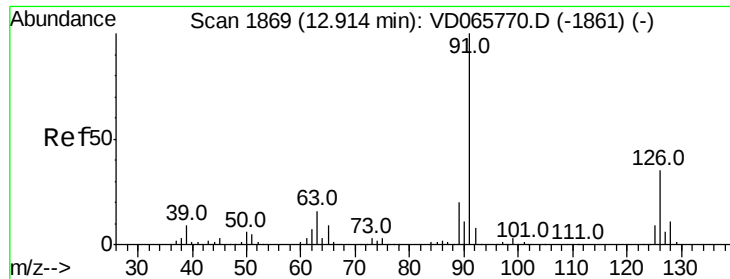
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

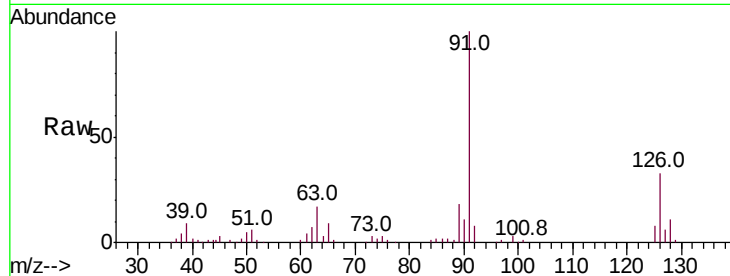




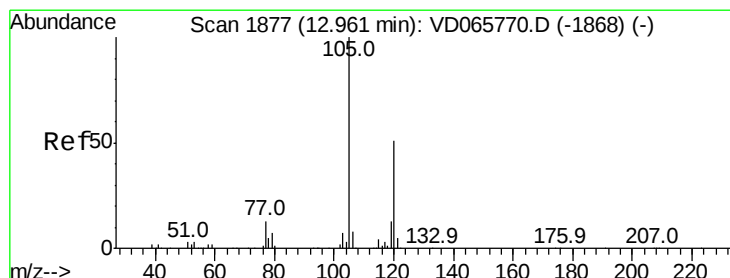
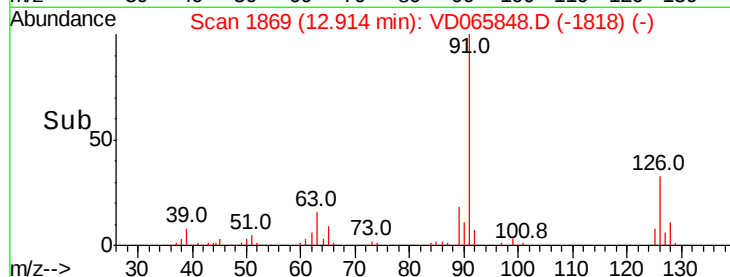
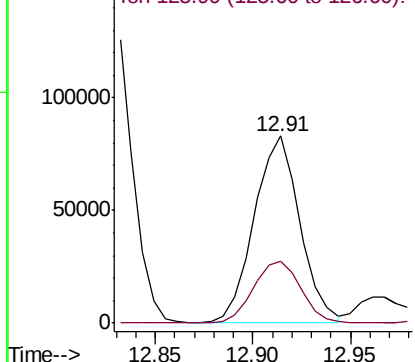
#79
2-Chlorotoluene
Concen: 21.668 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion: 91 Resp: 134373
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.6

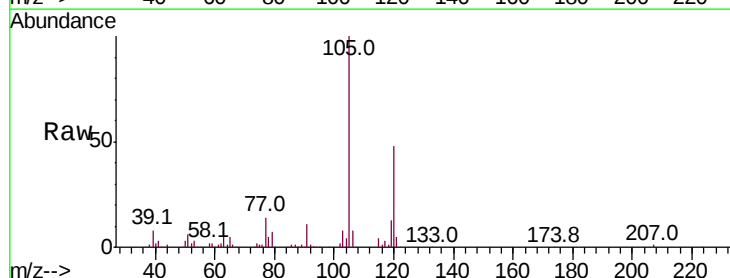


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

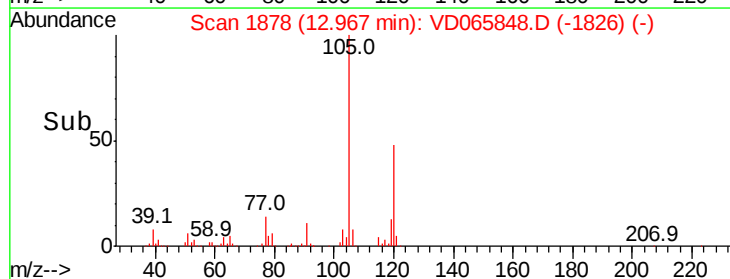
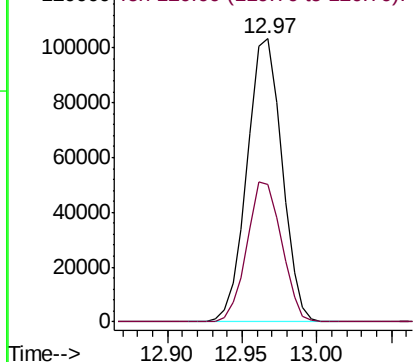


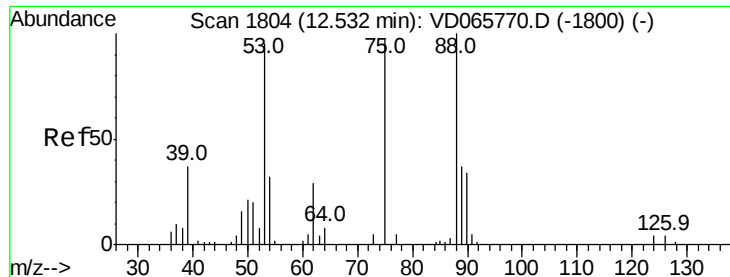
#80
1,3,5-Trimethylbenzene
Concen: 21.490 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:105 Resp: 167947
Ion Ratio Lower Upper
105 100
120 49.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.272 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

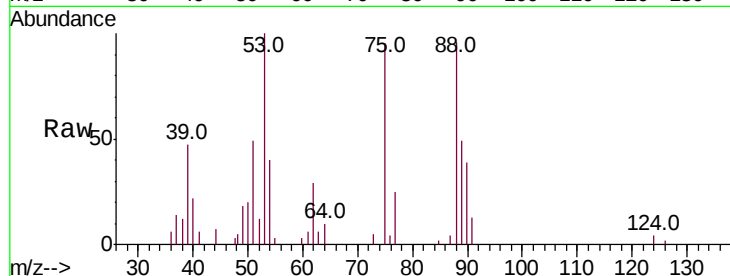
Tot Ion: 75 Resp: 10725

Ion Ratio Lower Upper

75 100

53 104.5 82.6 123.8

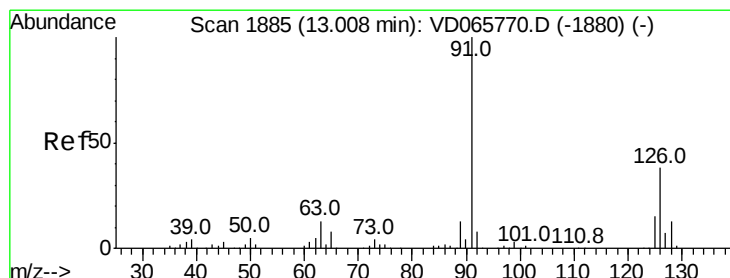
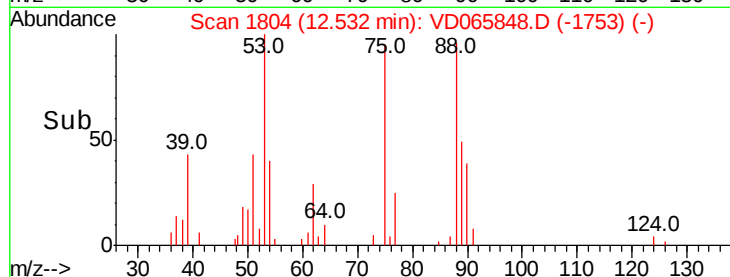
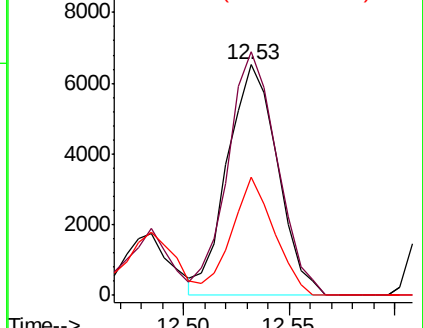
89 43.1 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.216 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065848.D

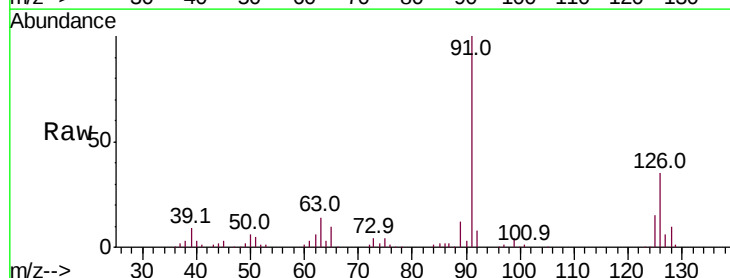
Acq: 22 Jun 2020 16:57

Tgt Ion: 91 Resp: 141223

Ion Ratio Lower Upper

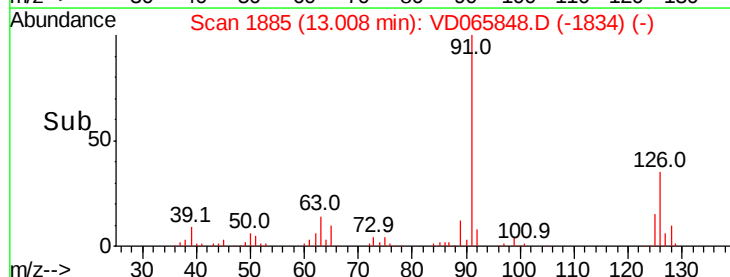
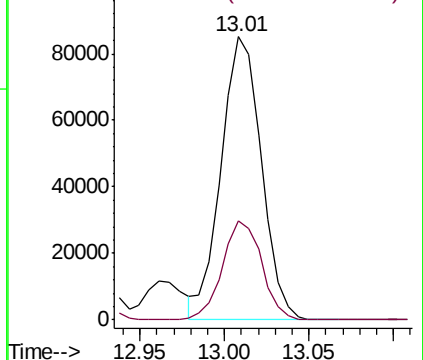
91 100

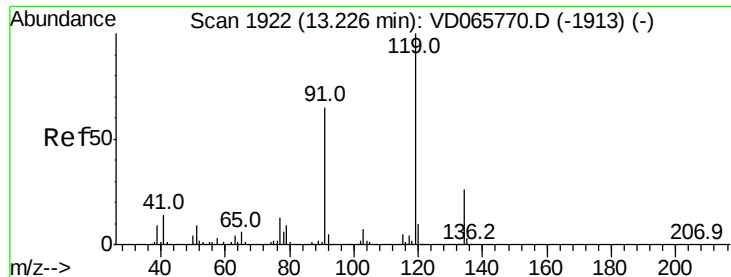
126 34.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

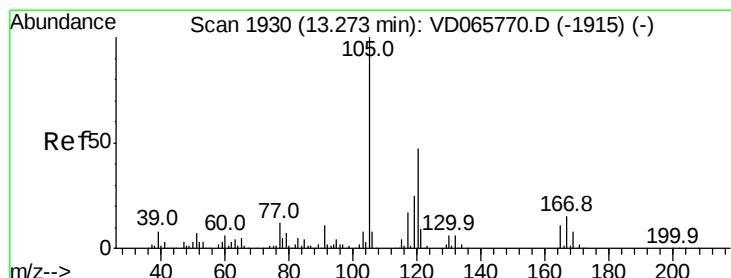
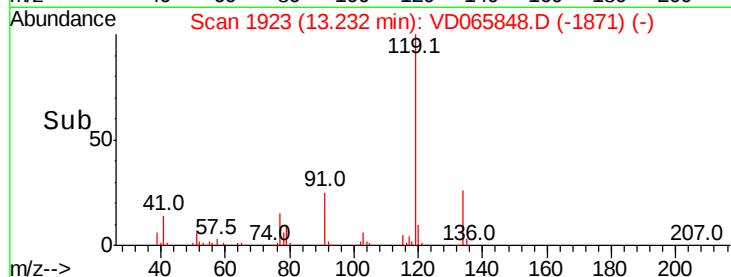
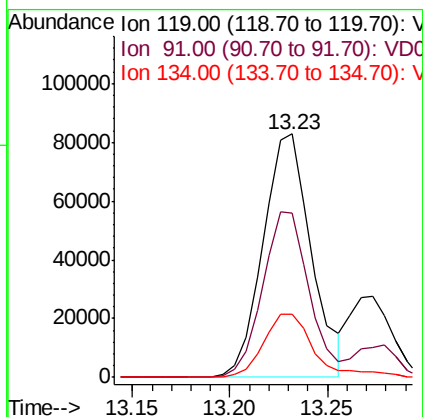
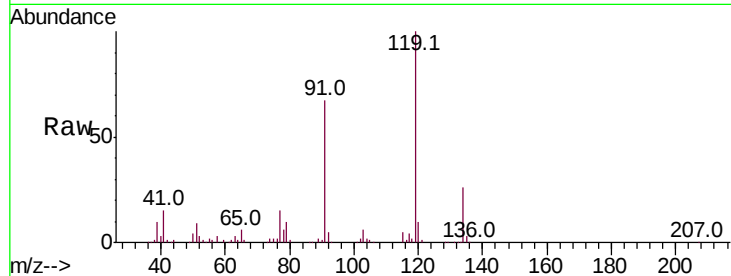




#83
tert-Butylbenzene
Concen: 20.883 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

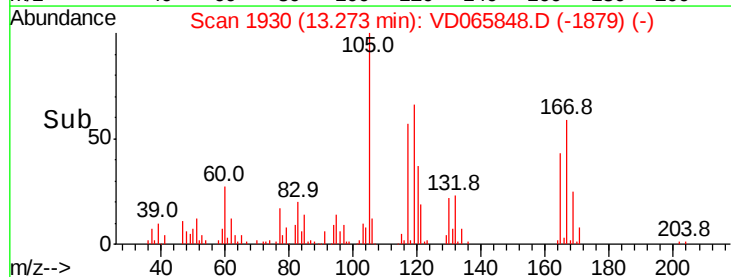
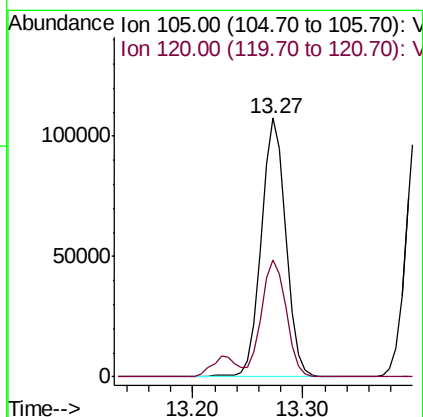
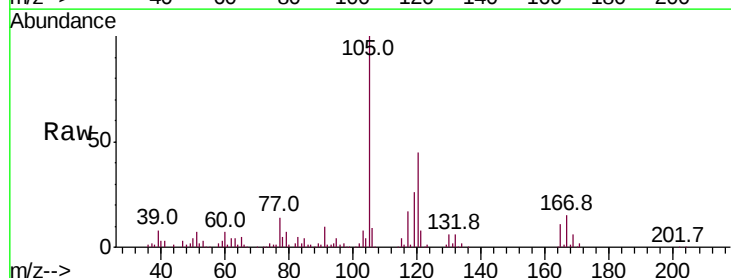
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

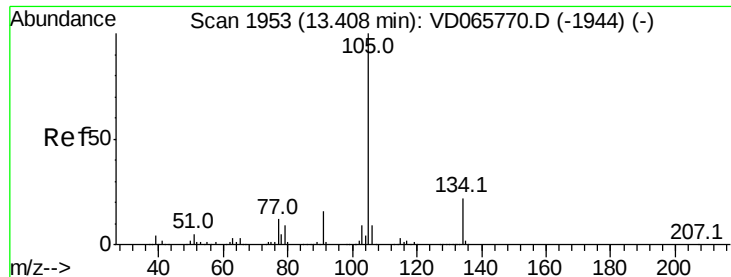
Tot Ion:119 Resp: 141612
Ion Ratio Lower Upper
119 100
91 65.6 32.0 96.0
134 27.4 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 21.440 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:105 Resp: 167716
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.014 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

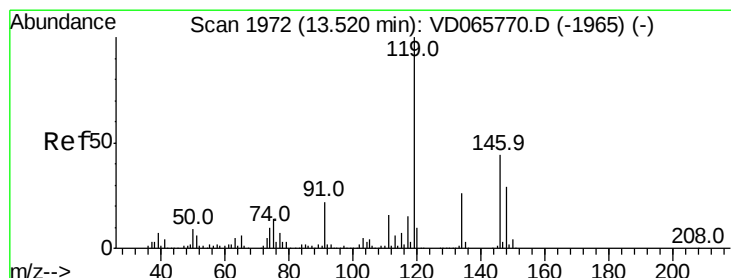
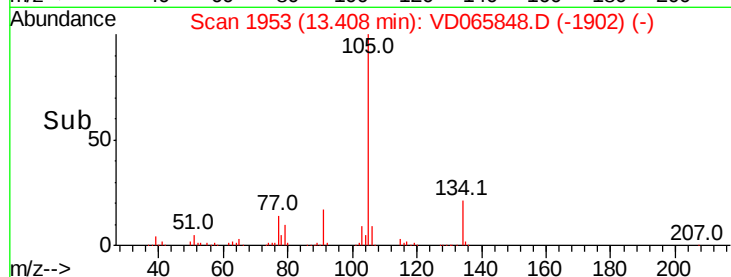
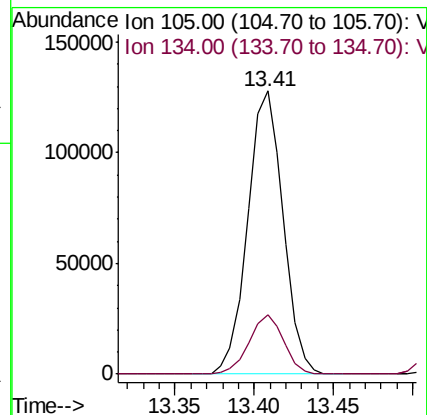
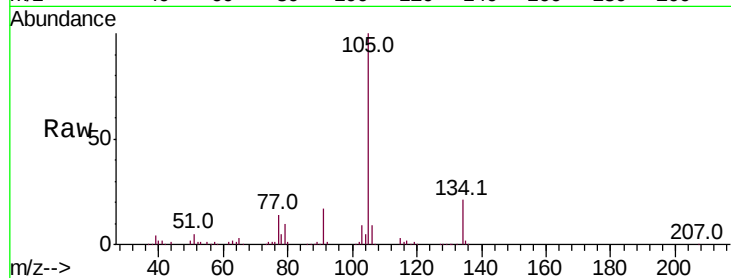
VD0622SBS01

Tot Ion:105 Resp: 198312

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.403 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

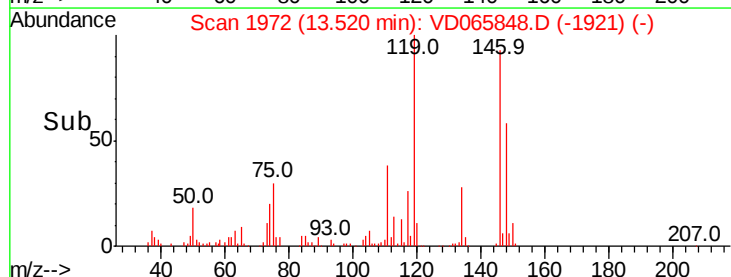
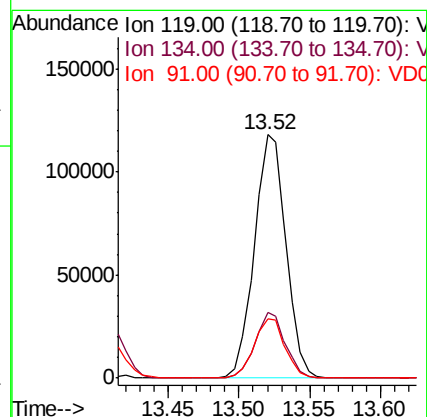
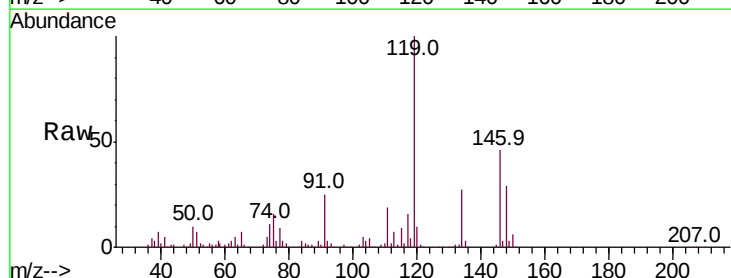
Tgt Ion:119 Resp: 185134

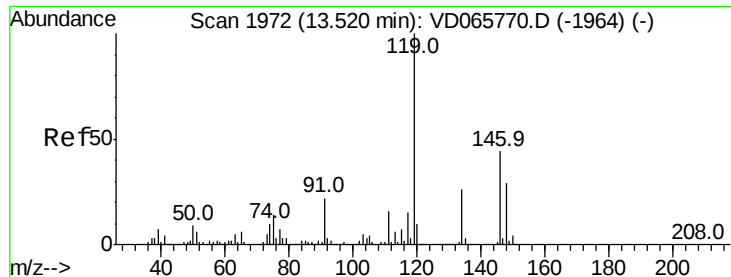
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.718 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBS01

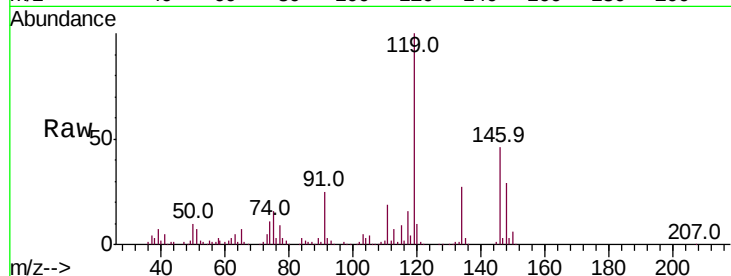
Tot Ion:146 Resp: 90771

Ion Ratio Lower Upper

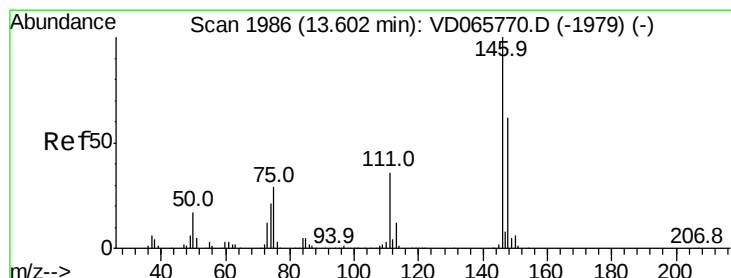
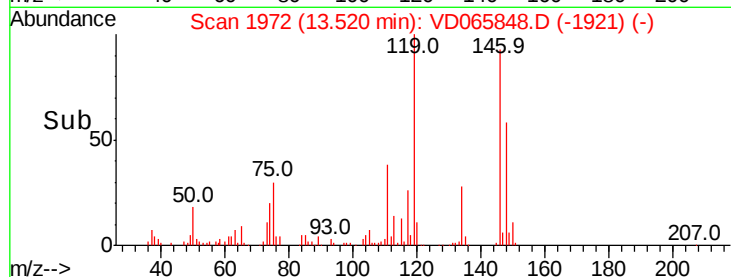
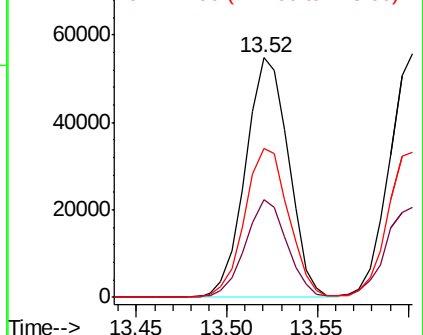
146 100

111 39.5 19.2 57.6

148 63.4 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: 20.535 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065848.D

Acq: 22 Jun 2020 16:57

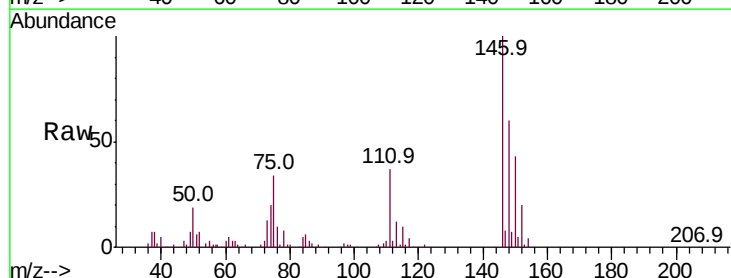
Tgt Ion:146 Resp: 89496

Ion Ratio Lower Upper

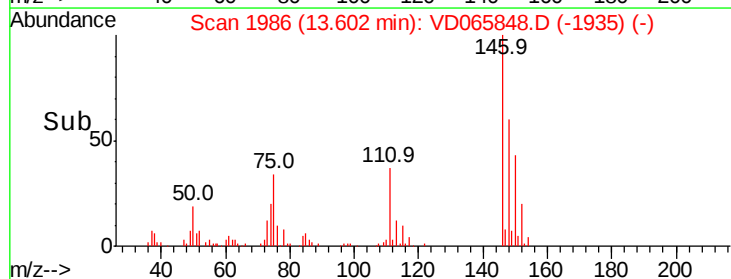
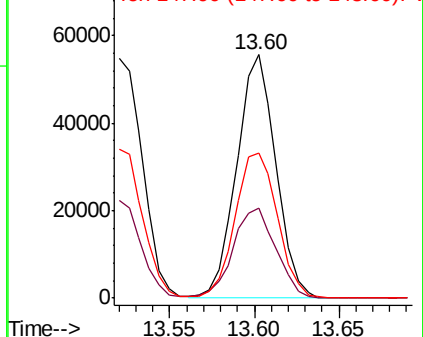
146 100

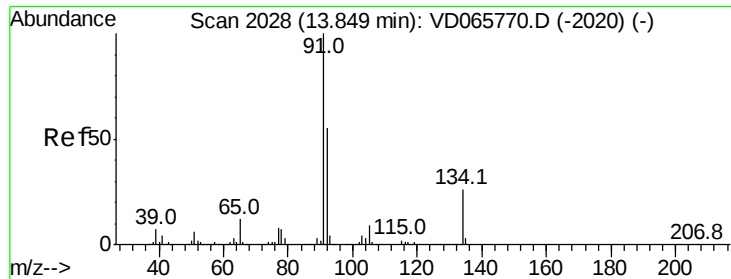
111 40.5 18.9 56.7

148 64.4 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

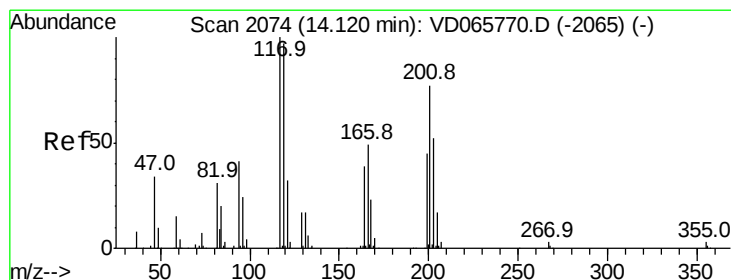
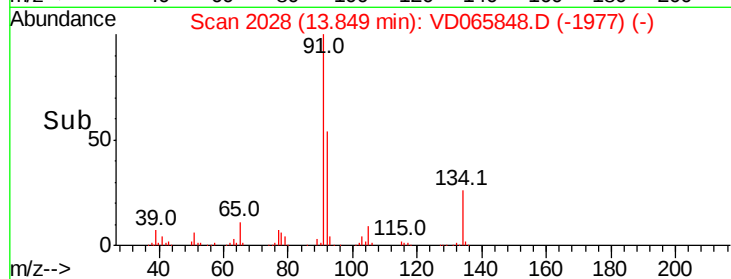
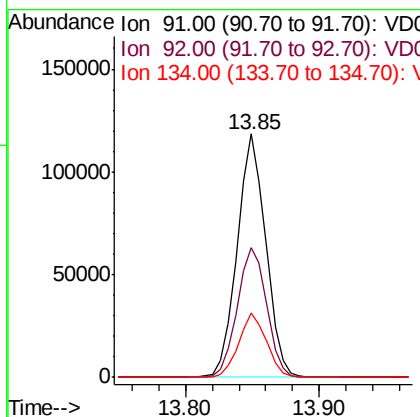
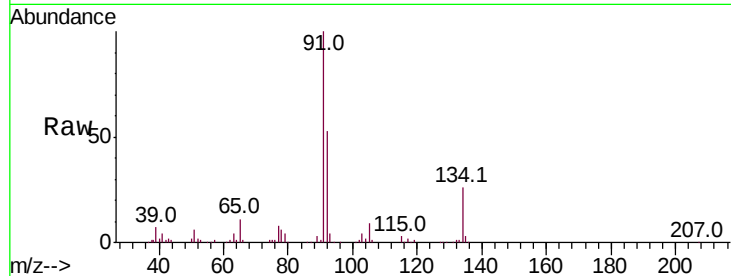




#89
n-Butylbenzene
Concen: 21.232 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

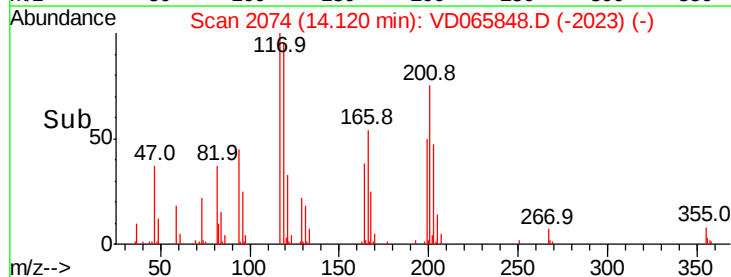
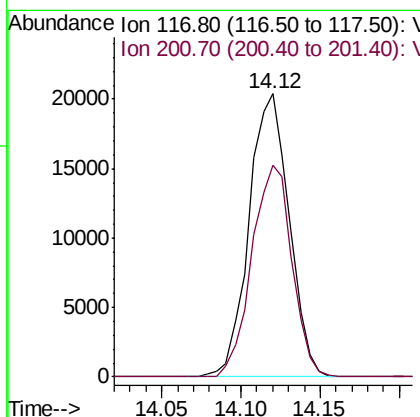
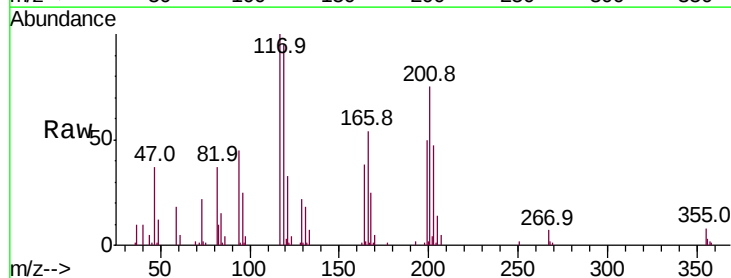
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

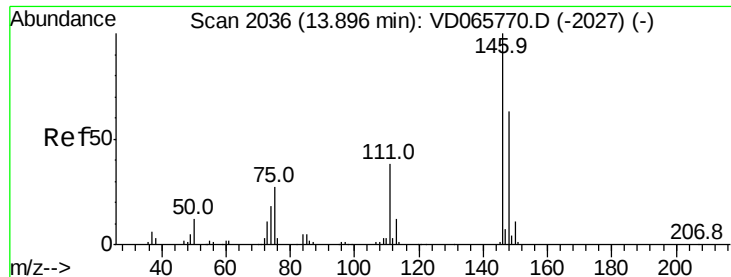
Tot Ion: 91 Resp: 175154
Ion Ratio Lower Upper
91 100
92 54.6 27.0 81.0
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 20.681 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 117 Resp: 35806
Ion Ratio Lower Upper
117 100
201 75.1 37.1 111.5

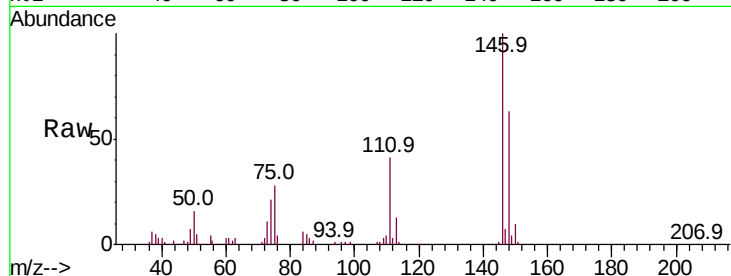




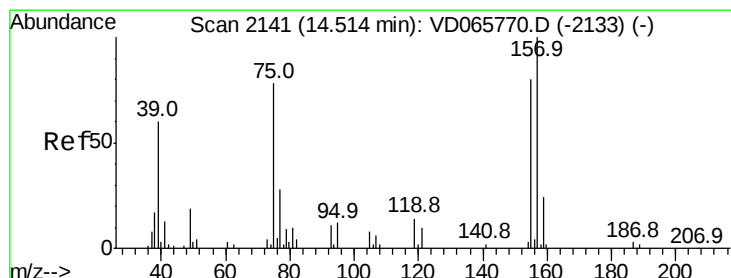
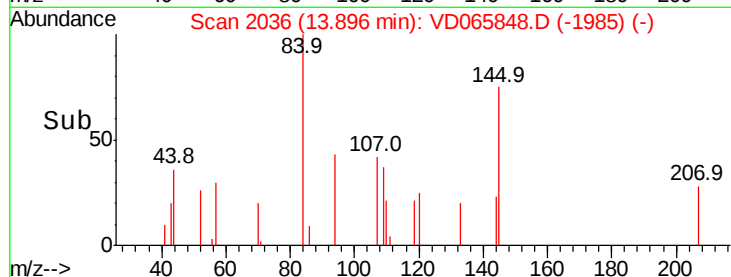
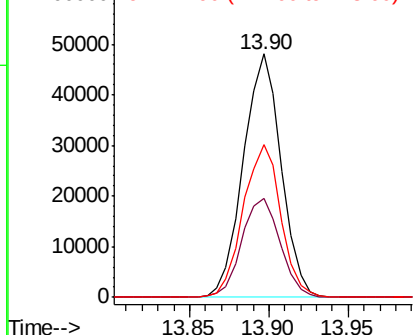
#91
1,2-Dichlorobenzene
Concen: 21.115 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion:146 Resp: 79614
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.4
148 62.7 31.9 95.7

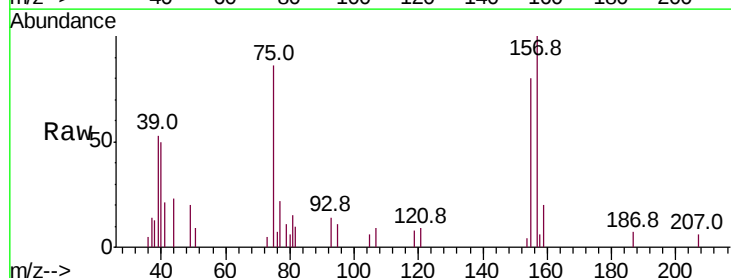


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

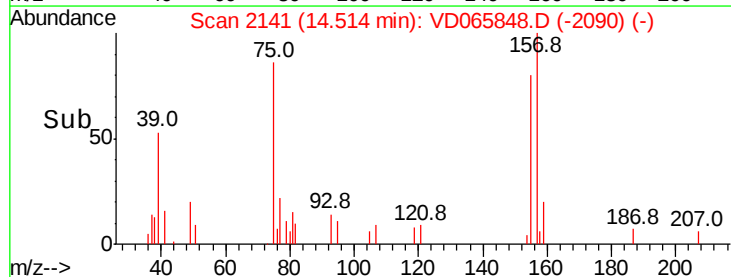
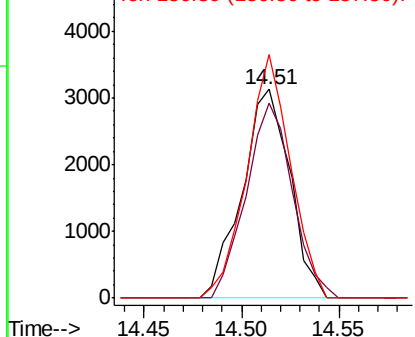


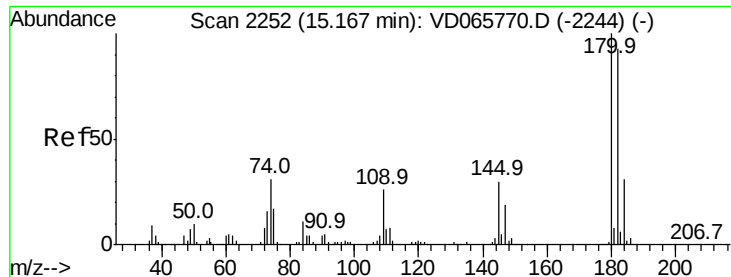
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.158 ug/l
RT: 14.51 min Scan# 2141
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion: 75 Resp: 5321
Ion Ratio Lower Upper
75 100
155 90.3 46.3 138.9
157 106.4 58.1 174.3



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

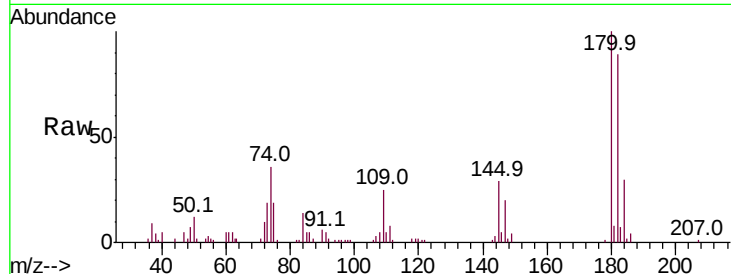




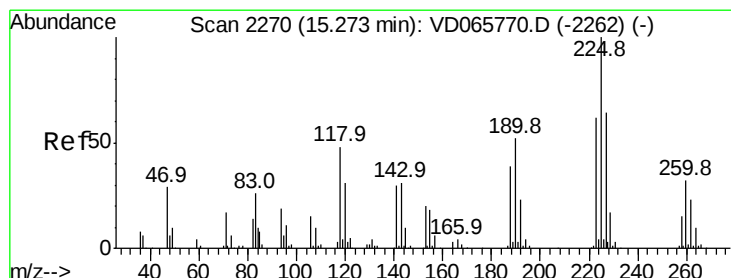
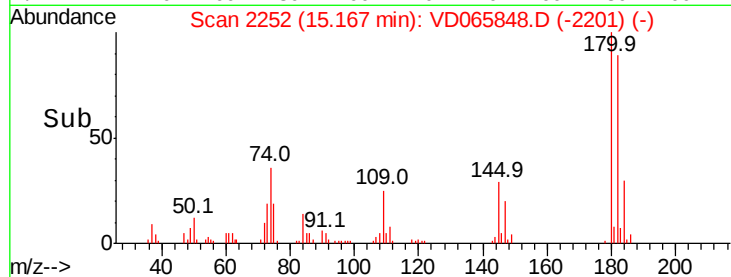
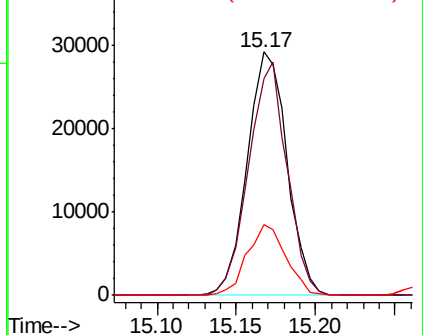
#93
 1,2,4-Trichlorobenzene
 Concen: 19.890 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Tot Ion:180 Resp: 50992
 Ion Ratio Lower Upper
 180 100
 182 92.4 48.0 144.2
 145 28.3 14.9 44.9

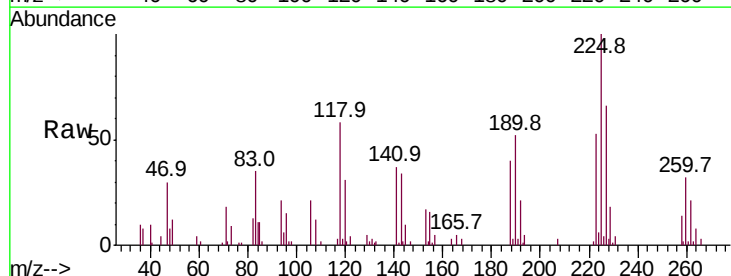


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

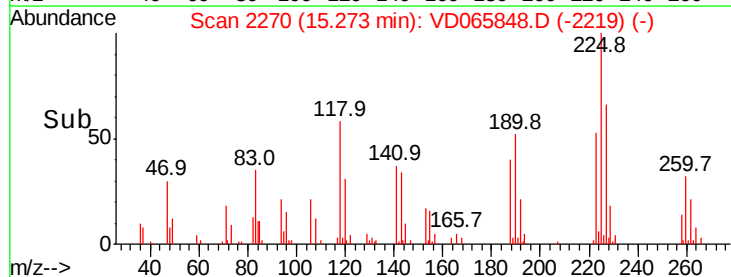
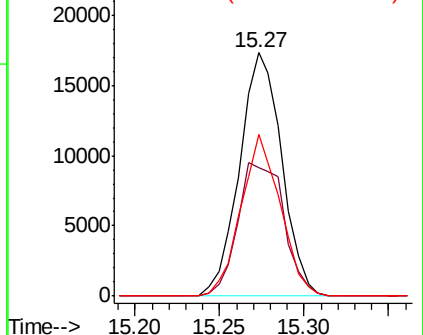


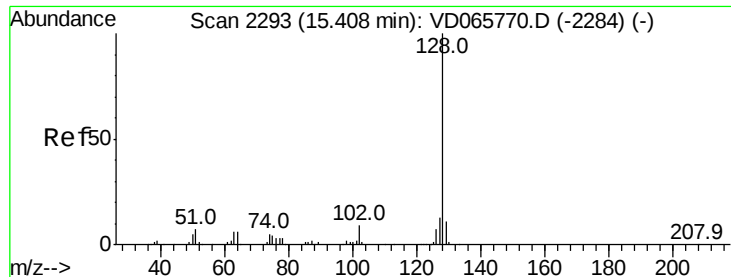
#94
 Hexachlorobutadiene
 Concen: 19.378 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065848.D
 Acq: 22 Jun 2020 16:57

Tgt Ion:225 Resp: 30032
 Ion Ratio Lower Upper
 225 100
 223 59.9 30.9 92.7
 227 61.9 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

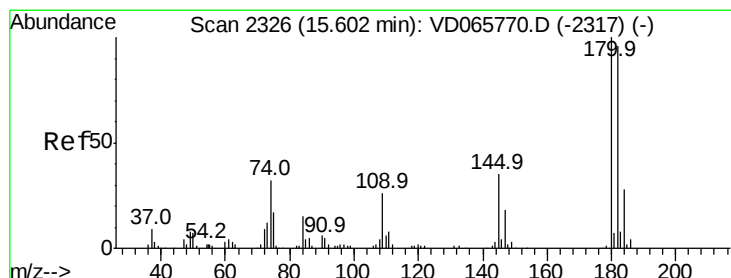
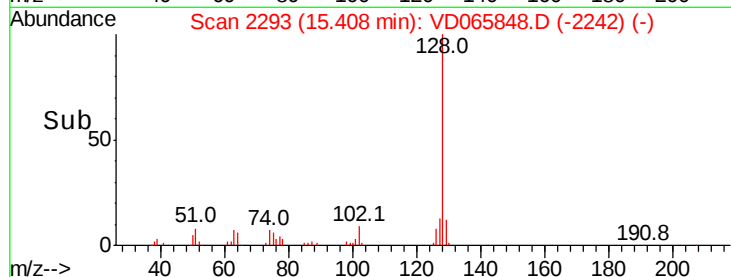
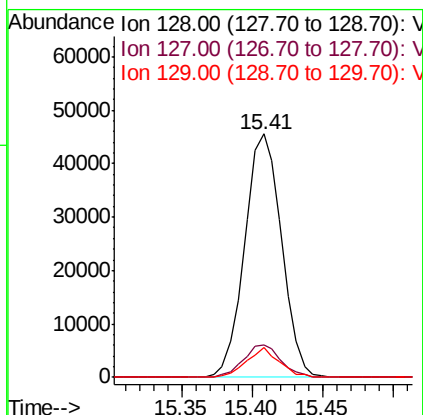
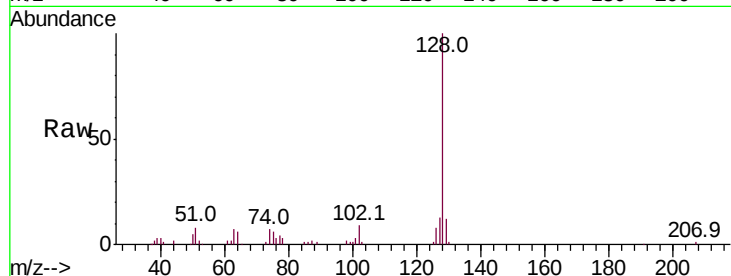




#95
Naphthalene
Concen: 19.266 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Tot Ion:128 Resp: 83667
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.706 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065848.D
Acq: 22 Jun 2020 16:57

Tgt Ion:180 Resp: 43511
Ion Ratio Lower Upper
180 100
182 92.5 47.0 141.2
145 32.2 16.2 48.6

