

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066862.D
 Acq On : 24 Sep 2020 20:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 01:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	429776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	721729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	664787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	214203	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.91	113	219567	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.34	98	789800	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.63	95	285504	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	136341	44.903	ug/l	95
3) Chloromethane	2.21	50	179230	45.389	ug/l	93
4) Vinyl Chloride	2.35	62	177519	45.505	ug/l	94
5) Bromomethane	2.77	94	134733	49.137	ug/l	98
6) Chloroethane	2.93	64	113730	46.946	ug/l	93
7) Trichlorofluoromethane	3.27	101	361581	45.131	ug/l	98
8) Diethyl Ether	3.71	74	111993	55.061	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	212928	45.833	ug/l	100
10) Methyl Iodide	4.30	142	206597	50.395	ug/l	96
11) Tert butyl alcohol	5.23	59	68553	274.442	ug/l	98
12) 1,1-Dichloroethene	4.07	96	204565	48.608	ug/l	97
13) Acrolein	3.92	56	70006	225.600	ug/l	93
14) Allyl chloride	4.71	41	318360	51.517	ug/l	98
15) Acrylonitrile	5.43	53	244079	270.785	ug/l	98
16) Acetone	4.16	43	190575	213.568	ug/l	98
17) Carbon Disulfide	4.41	76	601244	46.730	ug/l	96
18) Methyl Acetate	4.71	43	110292	55.817	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	515538	56.409	ug/l	100
20) Methylene Chloride	4.97	84	273017	57.572	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	248449	50.985	ug/l	94
22) Diisopropyl ether	6.36	45	695376	54.727	ug/l	99
23) Vinyl Acetate	6.30	43	1817808	263.361	ug/l	98
24) 1,1-Dichloroethane	6.27	63	428510	50.411	ug/l	97
25) 2-Butanone	7.21	43	286378	267.057	ug/l	98
26) 2,2-Dichloropropane	7.21	77	355238	45.596	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	282238	53.307	ug/l	99
28) Bromochloromethane	7.54	49	190472	54.240	ug/l	97
29) Tetrahydrofuran	7.56	42	190287	276.938	ug/l	98
30) Chloroform	7.71	83	469267	51.215	ug/l	97
31) Cyclohexane	7.98	56	347879	45.484	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	409410	49.393	ug/l	100
36) 1,1-Dichloropropene	8.11	75	339021	47.348	ug/l	98
37) Ethyl Acetate	7.30	43	137975	53.304	ug/l	97
38) Carbon Tetrachloride	8.10	117	361421	46.170	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	391124	47.577	ug/l	97
40) Benzene	8.35	78	990467	49.634	ug/l	96
41) Methacrylonitrile	7.53	41	82719	51.965	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	290257	49.202	ug/l	99
43) Isopropyl Acetate	8.45	43	263814	52.864	ug/l	98
44) Trichloroethene	9.11	130	278993	49.050	ug/l	98
45) 1,2-Dichloropropane	9.38	63	250496	49.892	ug/l	98
46) Dibromomethane	9.47	93	140131	51.370	ug/l	100
47) Bromodichloromethane	9.66	83	364500	49.741	ug/l #	99
48) Methyl methacrylate	9.45	41	126757	51.517	ug/l	99
49) 1,4-Dioxane	9.46	88	34170	1116.662	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	680812	269.238	ug/l	99
52) Toluene	10.40	92	661293	51.447	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	324355	52.004	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	390171	51.303	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	189234	50.461	ug/l	95
56) Ethyl methacrylate	10.66	69	227648	56.666	ug/l	96
57) 1,3-Dichloropropane	10.94	76	320030	51.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	456180	239.817	ug/l	97
59) 2-Hexanone	10.98	43	459086	269.217	ug/l	97
60) Dibromochloromethane	11.14	129	252463	51.583	ug/l	100
61) 1,2-Dibromoethane	11.24	107	186952	53.598	ug/l	99
64) Tetrachloroethene	10.87	164	238246	49.822	ug/l	100
65) Chlorobenzene	11.67	112	705538	50.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	267977	51.166	ug/l	98
67) Ethyl Benzene	11.74	91	1257300	51.733	ug/l	100
68) m/p-Xylenes	11.85	106	960119	104.341	ug/l	100
69) o-Xylene	12.18	106	445896	53.590	ug/l	99
70) Styrene	12.19	104	776210	53.719	ug/l	99
71) Bromoform	12.36	173	140704	53.061	ug/l #	98
73) Isopropylbenzene	12.48	105	1202633	53.872	ug/l	99
74) N-amyl acetate	12.29	43	242861	55.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	207303	53.815	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	259969	101.512	ug/l #	100
77) Bromobenzene	12.76	156	279242	53.483	ug/l	97
78) n-propylbenzene	12.82	91	1408964	52.462	ug/l	100
79) 2-Chlorotoluene	12.91	91	791162	51.695	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1009708	53.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	54009	52.764	ug/l	99
82) 4-Chlorotoluene	13.01	91	844657	52.356	ug/l	99
83) tert-Butylbenzene	13.23	119	862200	55.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	1027022	54.677	ug/l	99
85) sec-Butylbenzene	13.40	105	1169988	52.271	ug/l	100
86) p-Isopropyltoluene	13.52	119	1078027	53.432	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	531798	51.556	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	519760	50.733	ug/l	99
89) n-Butylbenzene	13.84	91	1003176	52.312	ug/l	99
90) Hexachloroethane	14.11	117	207937	50.765	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	468841	53.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	31169	50.299	ug/l	88

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

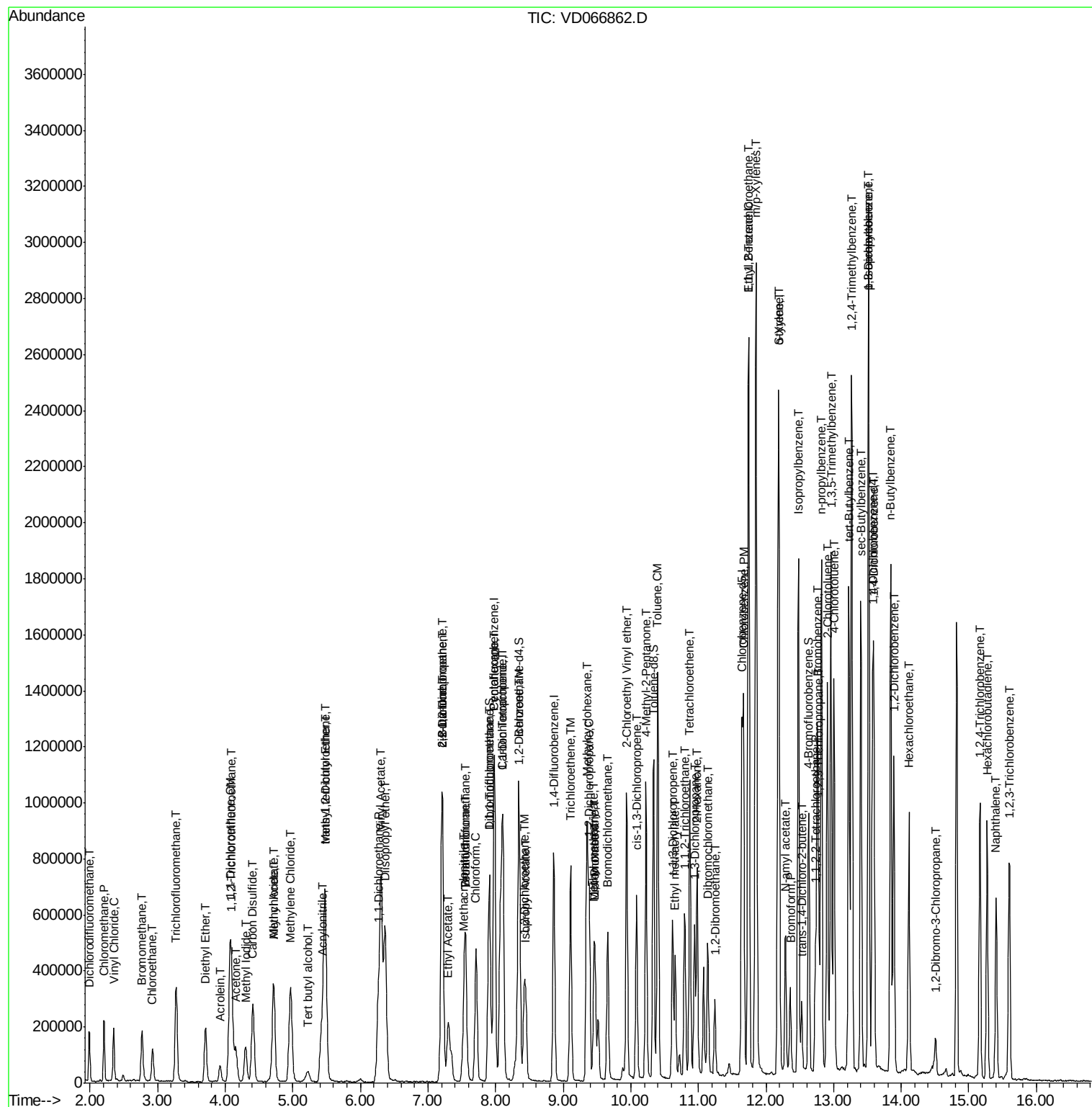
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	319786	57.563	ug/l	96
94) Hexachlorobutadiene	15.27	225	171817	51.612	ug/l	98
95) Naphthalene	15.40	128	580917	61.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	270802	56.477	ug/l	98

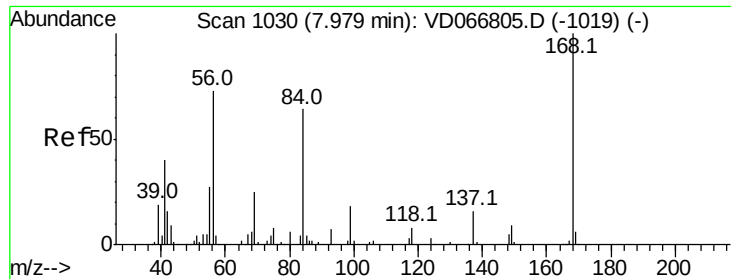
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

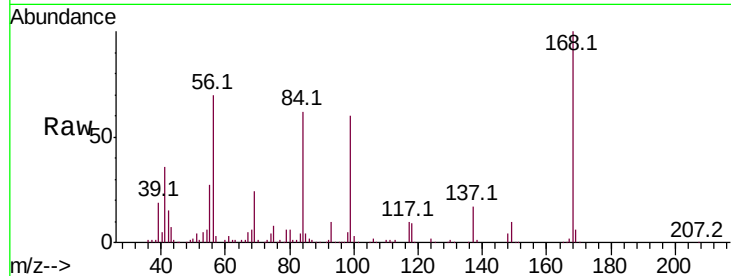
VSTDCCC050EC

Tot Ion:168 Resp: 429776

Ion Ratio Lower Upper

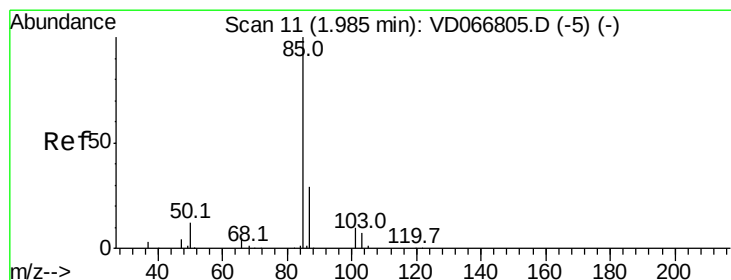
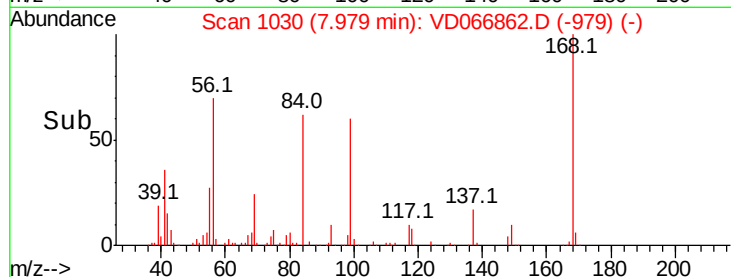
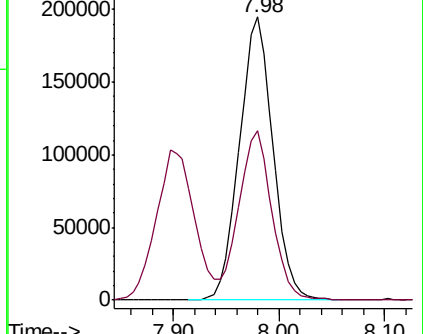
168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.903 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066862.D

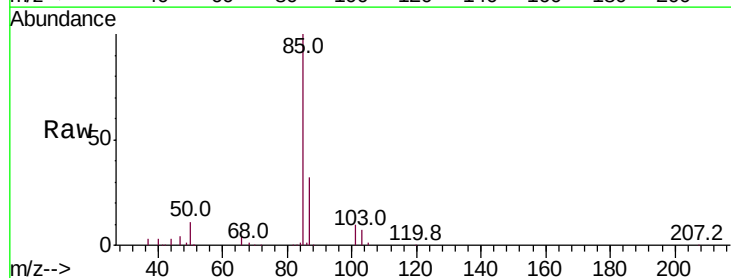
Acq: 24 Sep 2020 20:17

Tgt Ion: 85 Resp: 136341

Ion Ratio Lower Upper

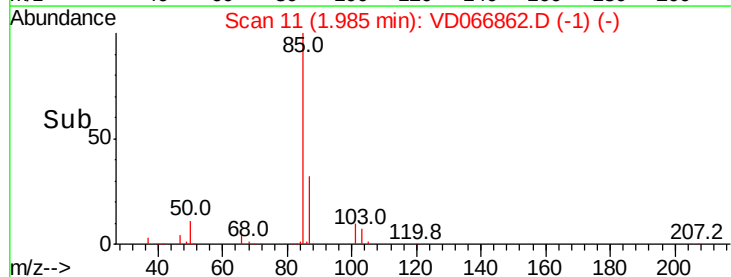
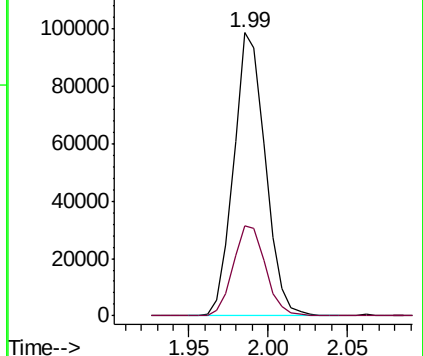
85 100

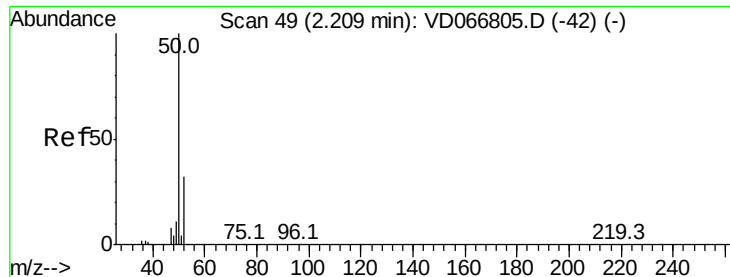
87 31.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.389 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

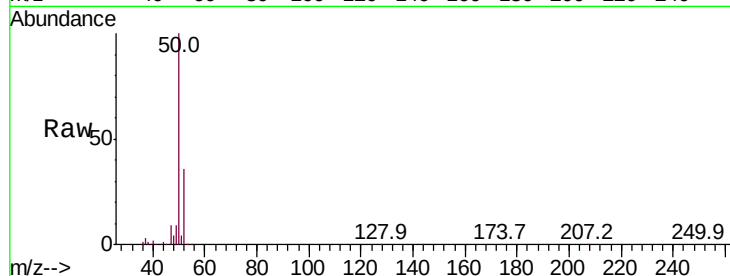
VSTDCCC050EC

Tot Ion: 50 Resp: 179230

Ion Ratio Lower Upper

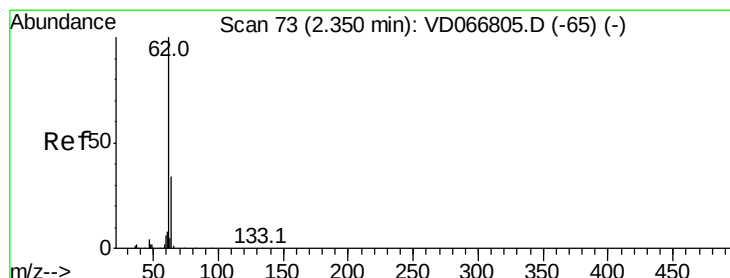
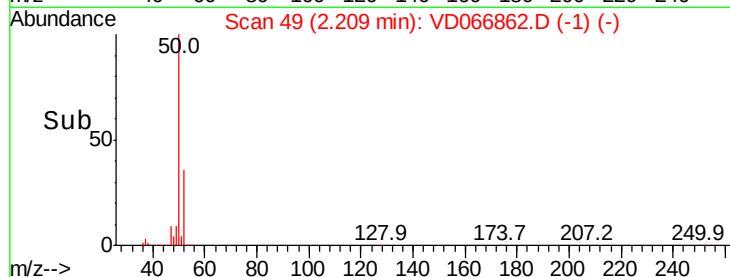
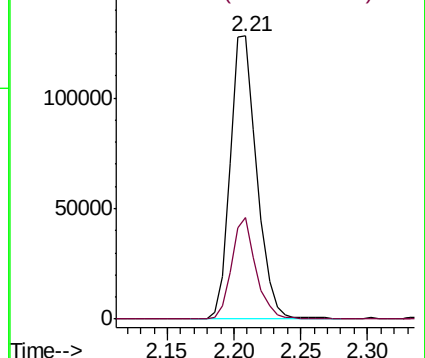
50 100

52 35.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.505 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066862.D

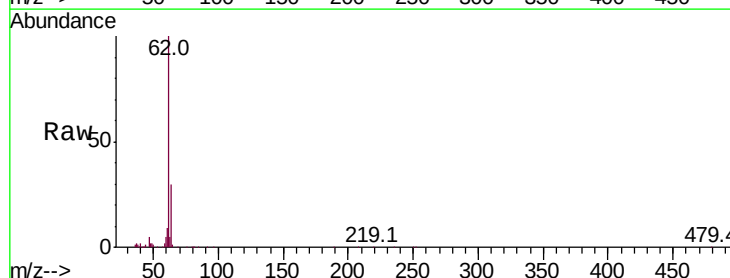
Acq: 24 Sep 2020 20:17

Tgt Ion: 62 Resp: 177519

Ion Ratio Lower Upper

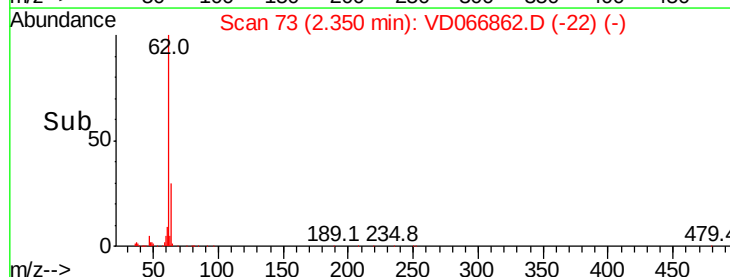
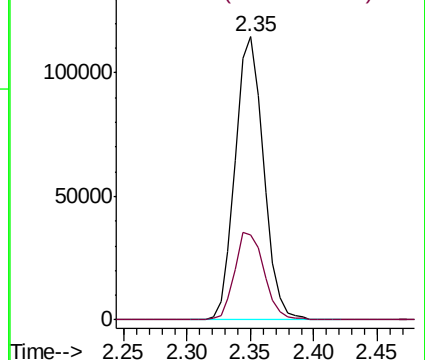
62 100

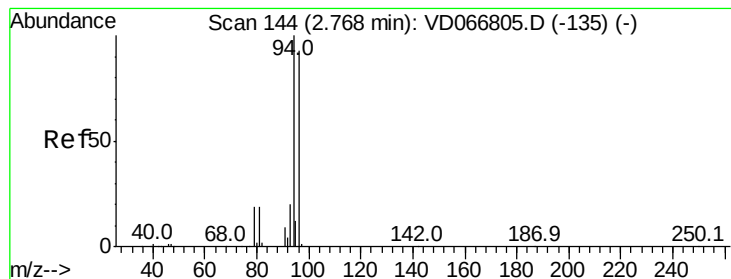
64 30.2 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.137 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066862.D

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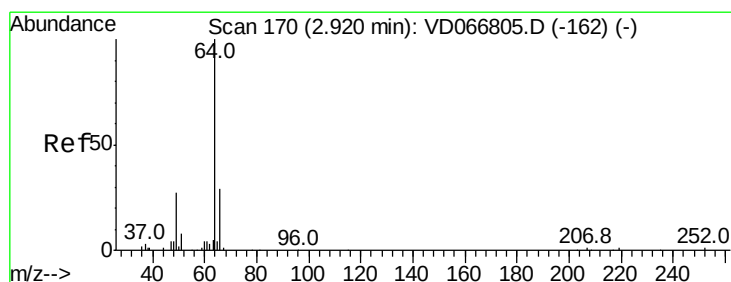
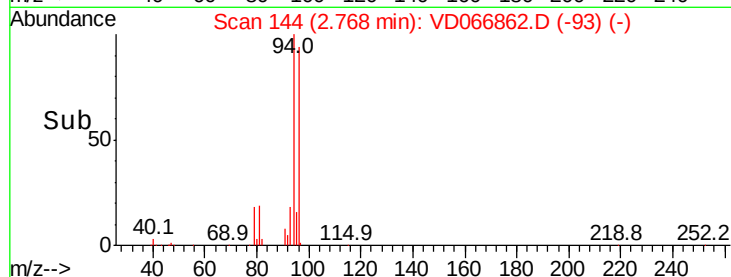
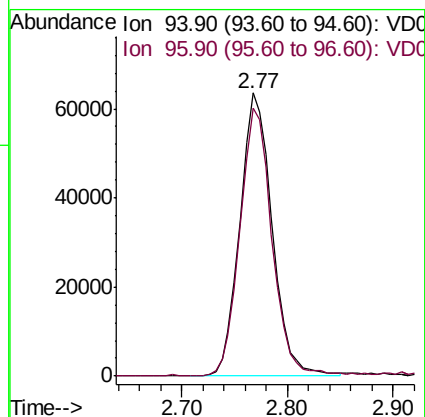
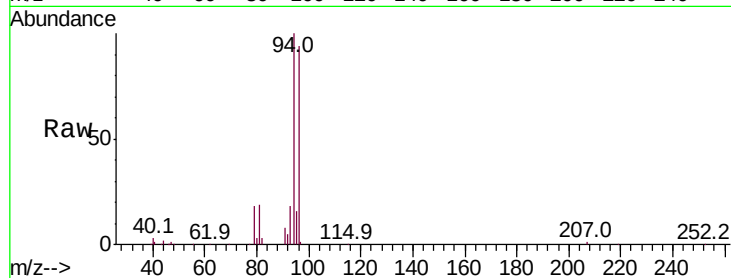
VSTDCCC050EC

Tot Ion: 94 Resp: 134733

Ion Ratio Lower Upper

94 100

96 94.5 74.3 111.5



#6

Chloroethane

Concen: 46.946 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066862.D

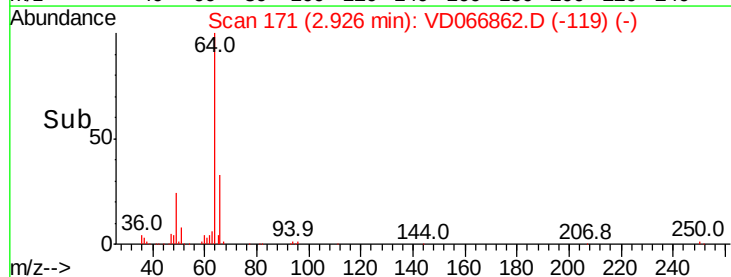
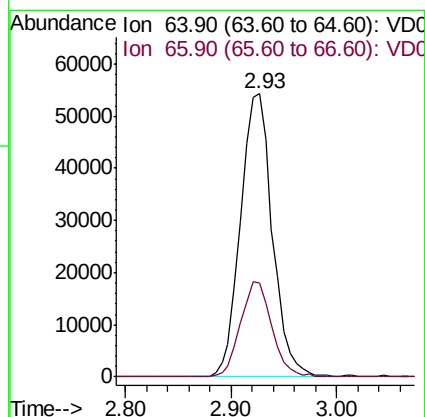
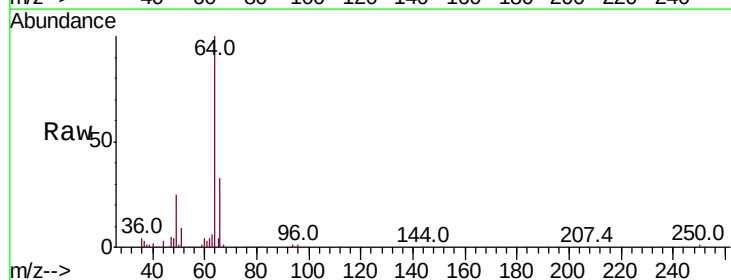
Acq: 24 Sep 2020 20:17

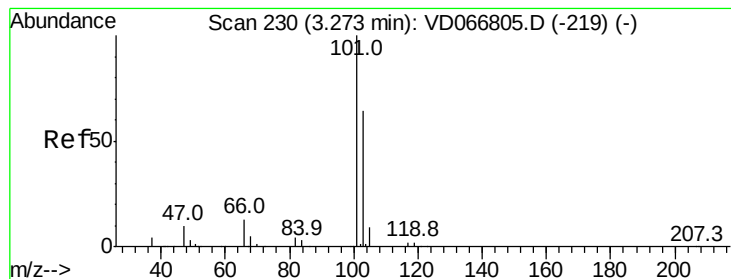
Tgt Ion: 64 Resp: 113730

Ion Ratio Lower Upper

64 100

66 33.0 23.3 34.9



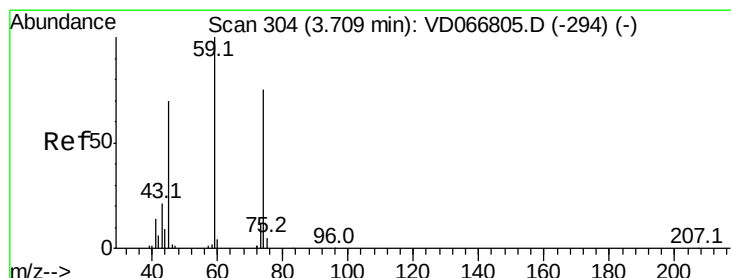
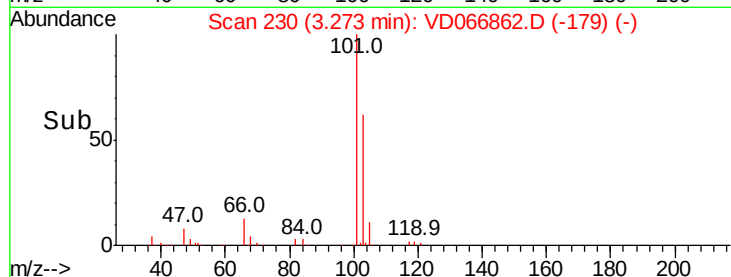
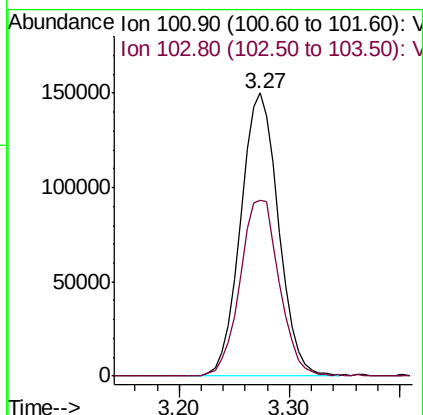
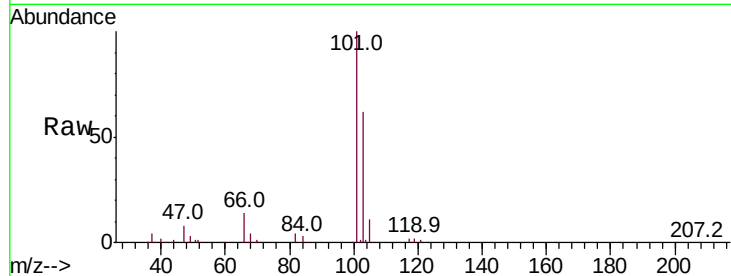


#7

Trichlorofluoromethane
 Concen: 45.131 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Instrument :
 MSVOA_D
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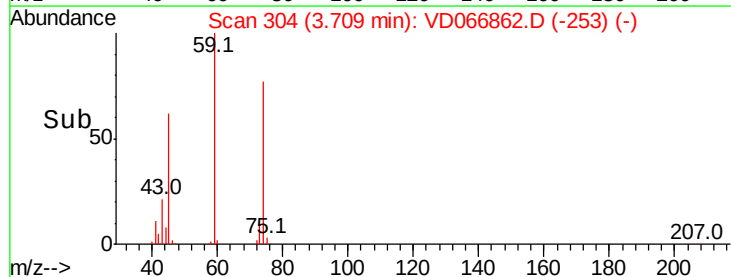
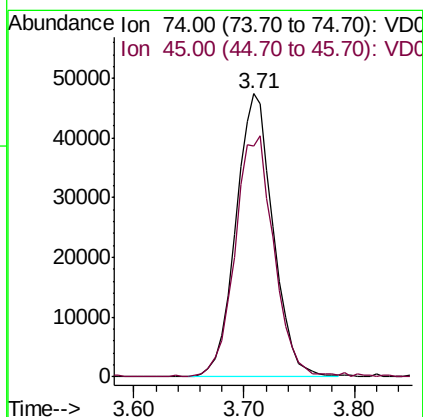
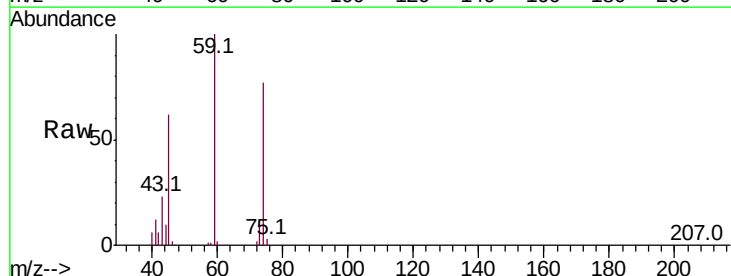
Tot Ion:101 Resp: 361581
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.0 76.6

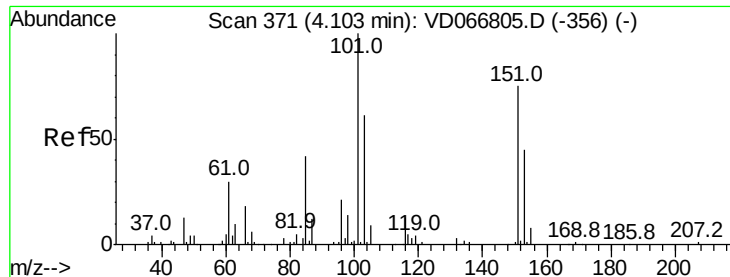


#8

Diethyl Ether
 Concen: 55.061 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 74 Resp: 111993
 Ion Ratio Lower Upper
 74 100
 45 88.8 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.833 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

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VSTDCCC050EC

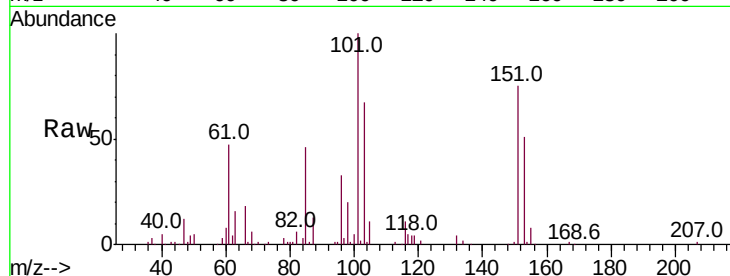
Tot Ion:101 Resp: 212928

Ion Ratio Lower Upper

101 100

85 44.6 35.4 53.2

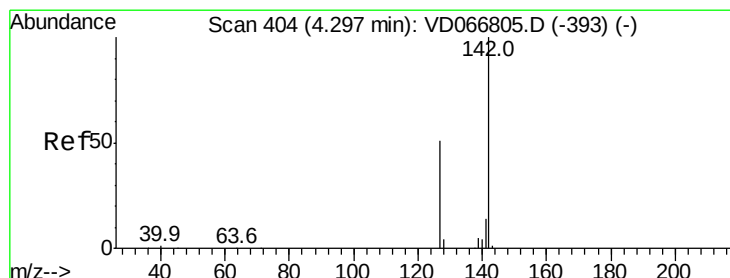
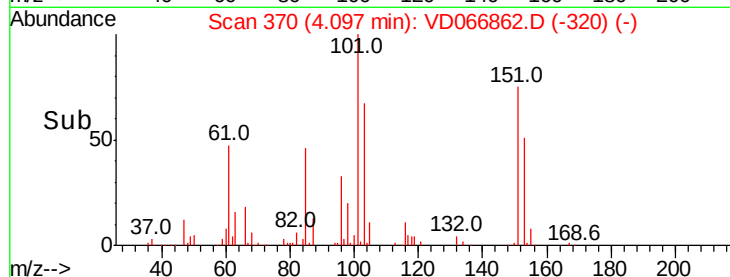
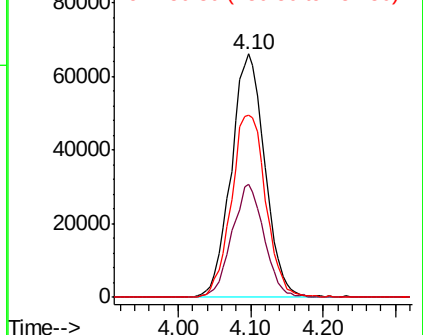
151 76.5 61.4 92.0



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: 50.395 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

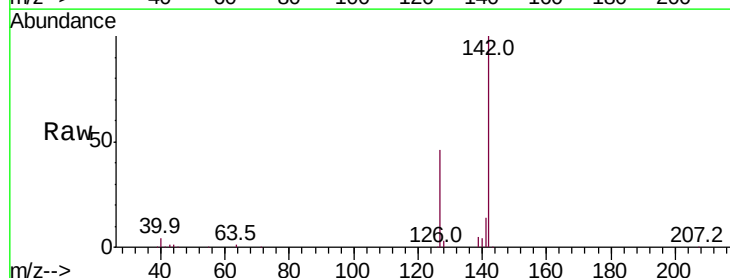
Tgt Ion:142 Resp: 206597

Ion Ratio Lower Upper

142 100

127 46.3 39.4 59.0

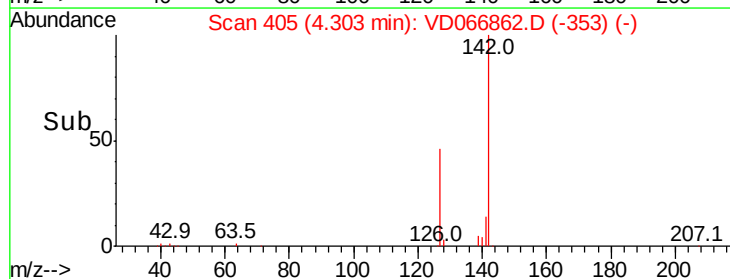
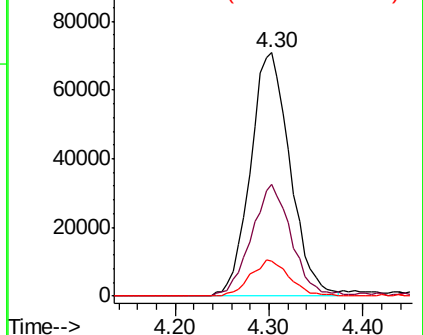
141 14.5 12.1 18.1

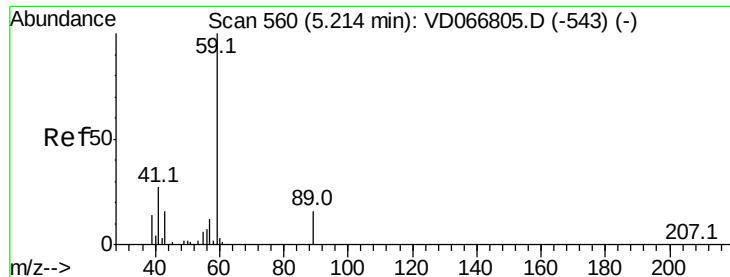


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

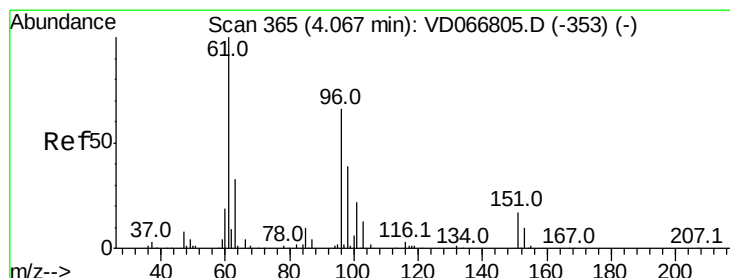
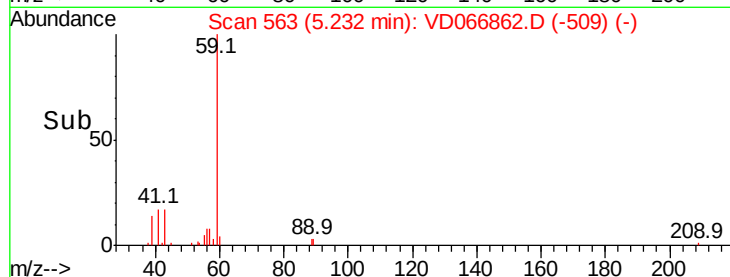
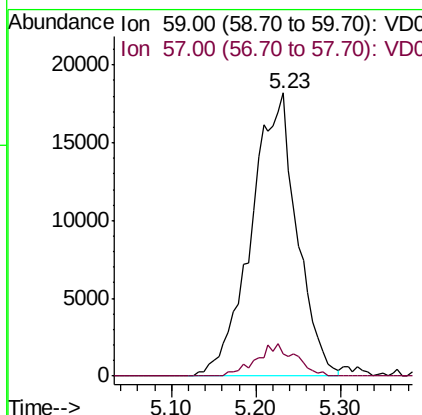
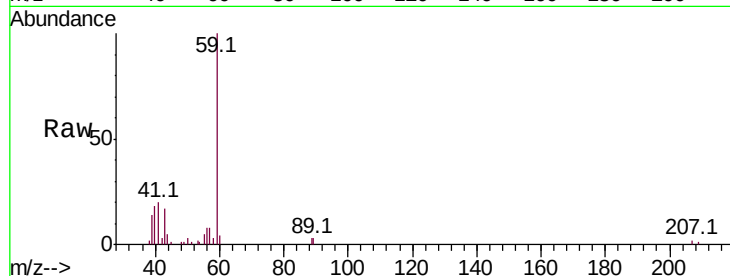




#11
Tert butyl alcohol
Concen: 274.442 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.02 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

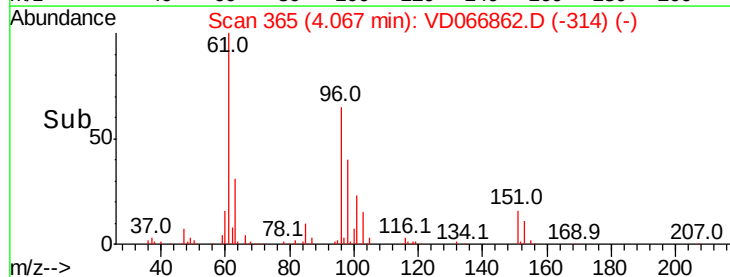
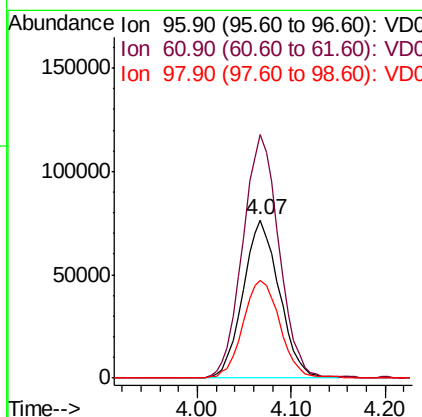
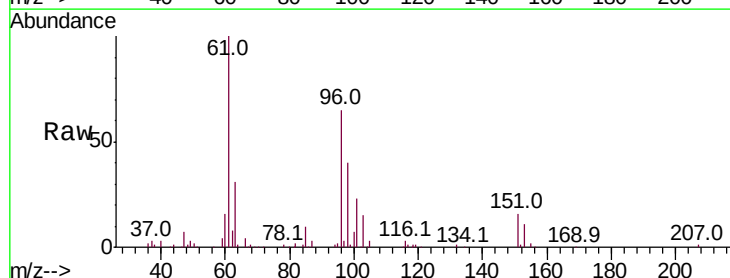
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

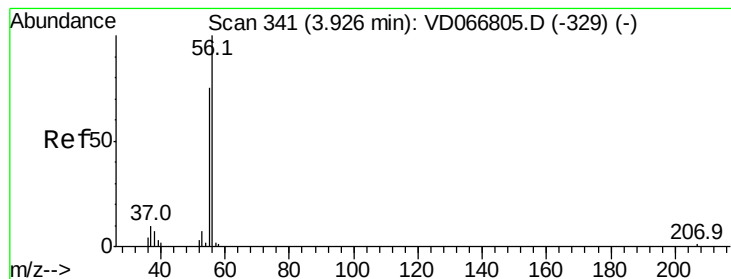
Tot Ion: 59 Resp: 68553
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.608 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 96 Resp: 204565
Ion Ratio Lower Upper
96 100
61 154.1 120.8 181.2
98 62.2 47.7 71.5





#13

Acrolein

Concen: 225.600 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

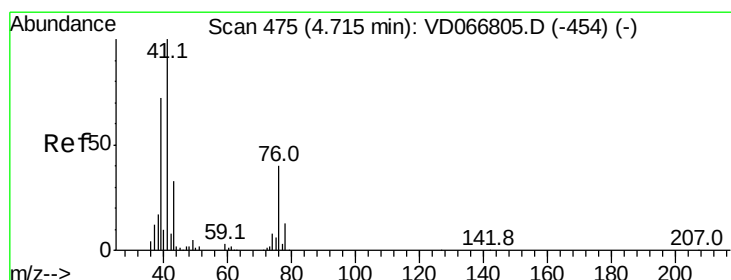
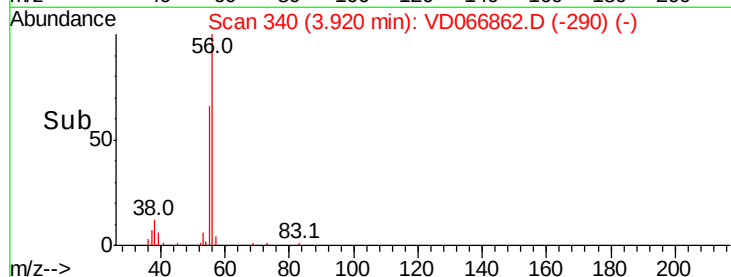
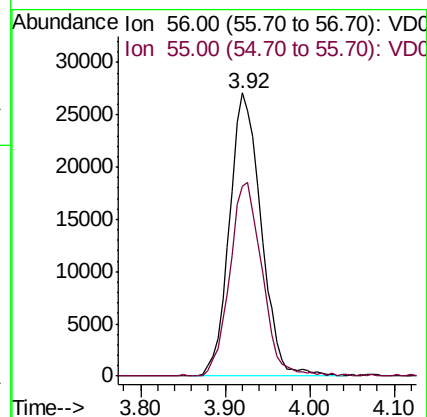
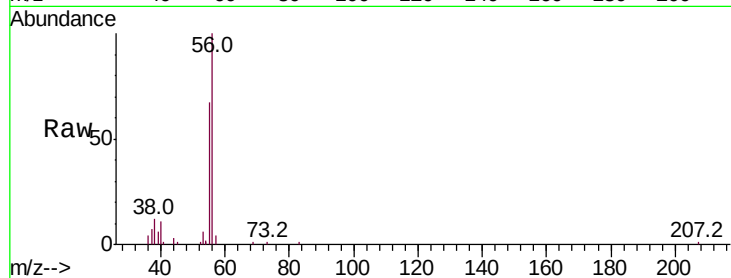
VSTDCCC050EC

Tot Ion: 56 Resp: 70006

Ion Ratio Lower Upper

56 100

55 69.5 60.3 90.5



#14

Allyl chloride

Concen: 51.517 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

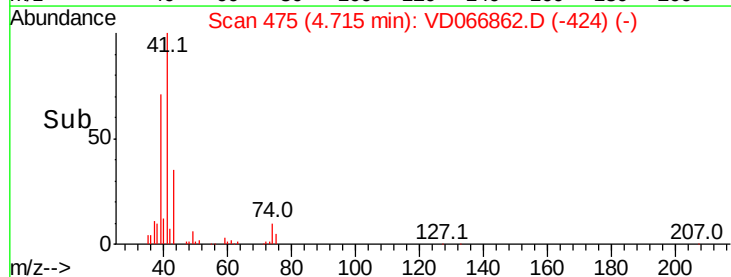
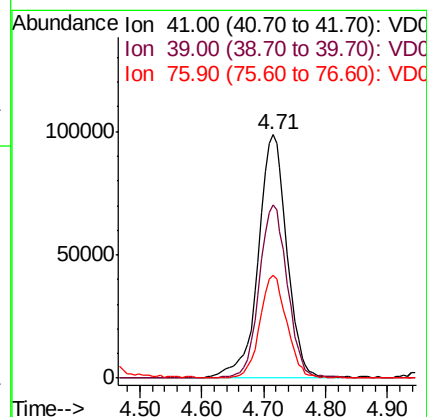
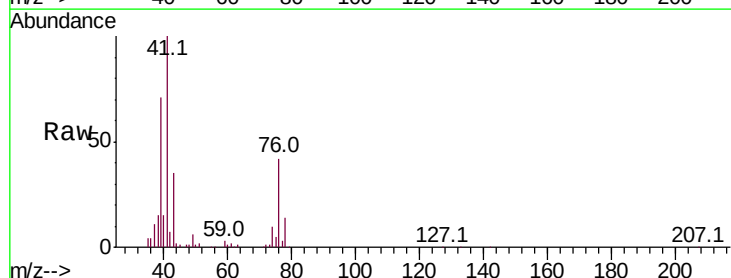
Tgt Ion: 41 Resp: 318360

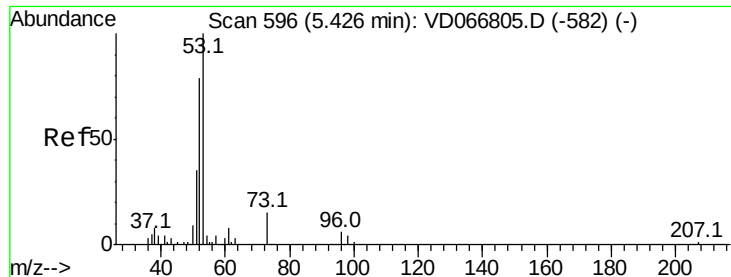
Ion Ratio Lower Upper

41 100

39 69.5 57.8 86.8

76 39.1 30.9 46.3





#15

Acrylonitrile

Concen: 270.785 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

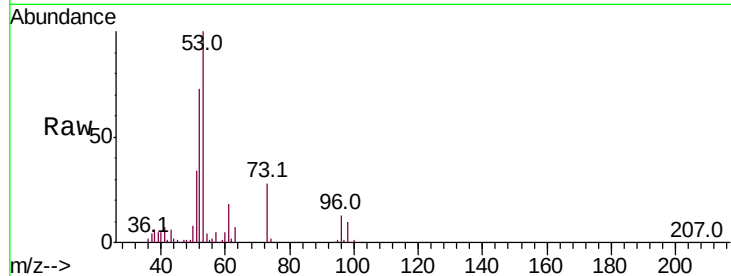
Tot Ion: 53 Resp: 244079

Ion Ratio Lower Upper

53 100

52 80.8 65.2 97.8

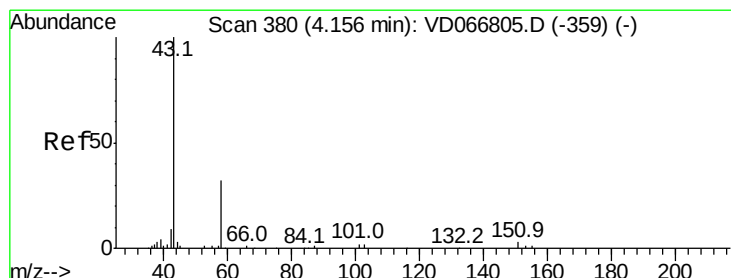
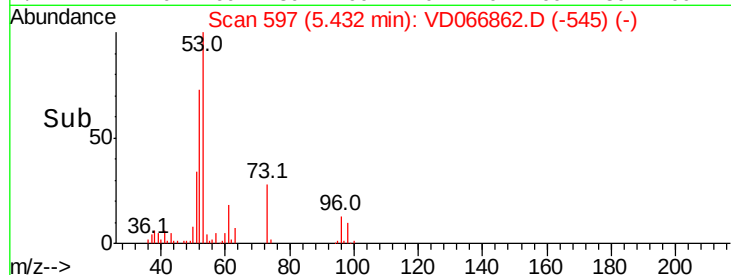
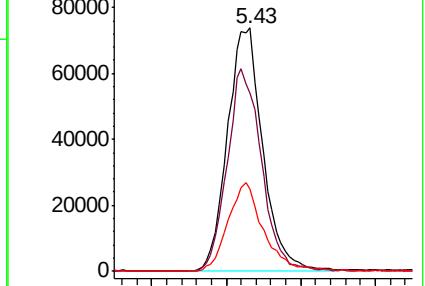
51 36.3 30.6 46.0



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: 213.568 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066862.D

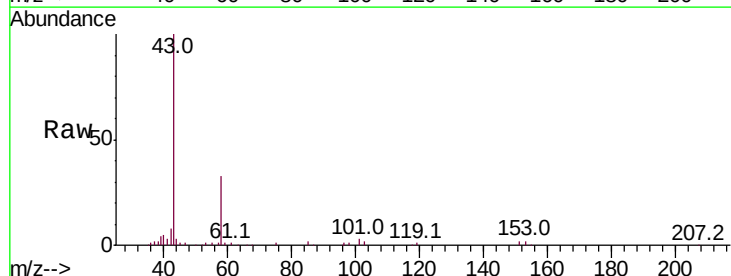
Acq: 24 Sep 2020 20:17

Tgt Ion: 43 Resp: 190575

Ion Ratio Lower Upper

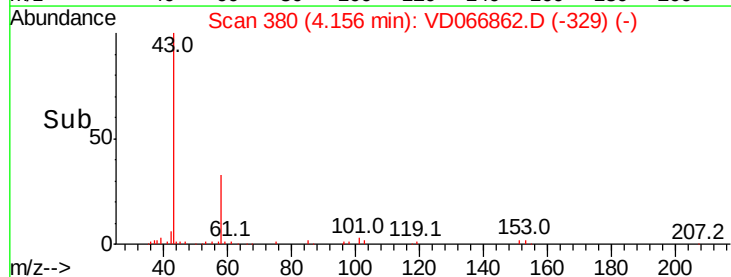
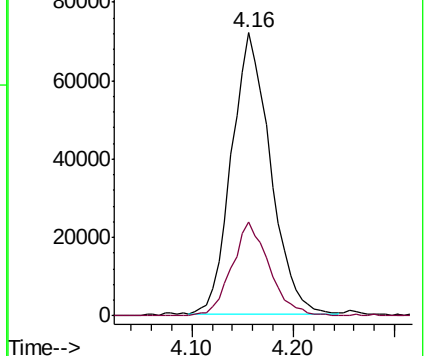
43 100

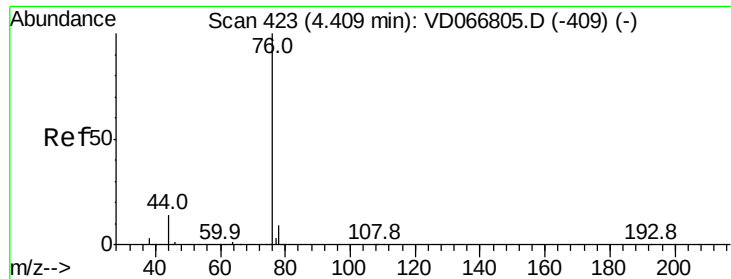
58 33.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

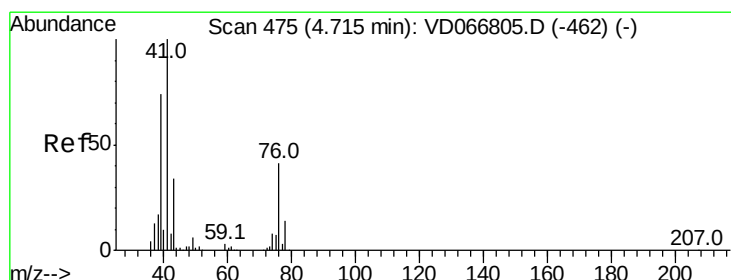
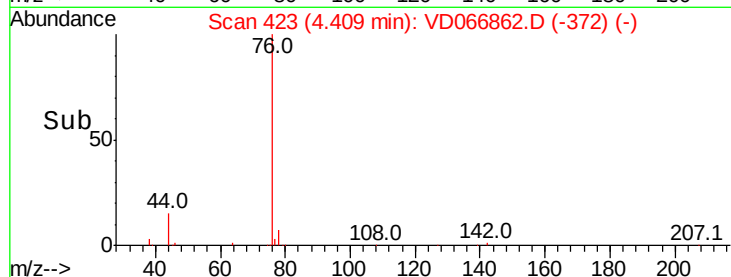
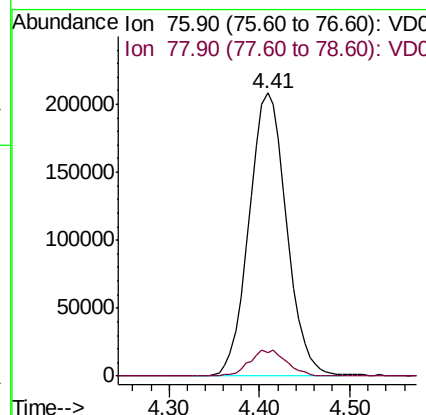
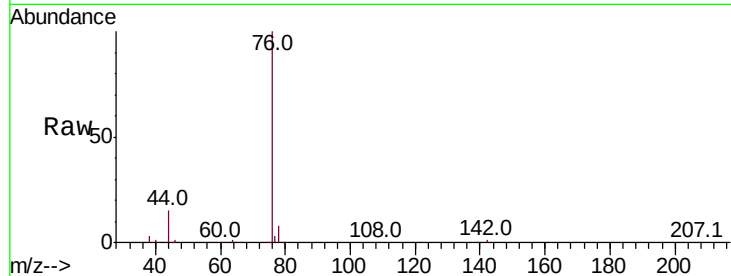




#17
Carbon Disulfide
Concen: 46.730 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

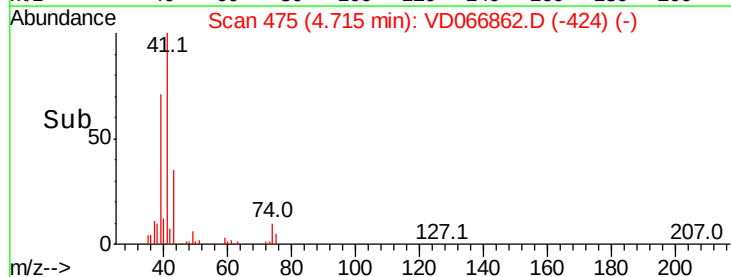
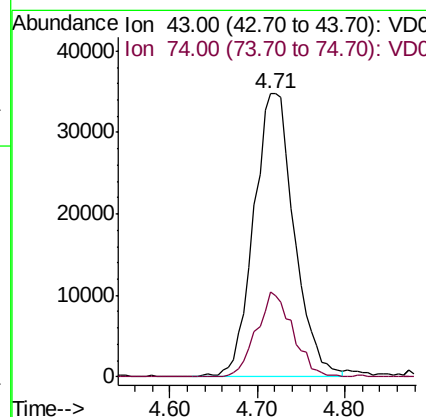
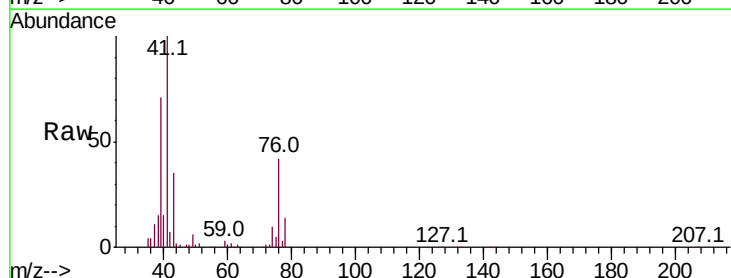
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

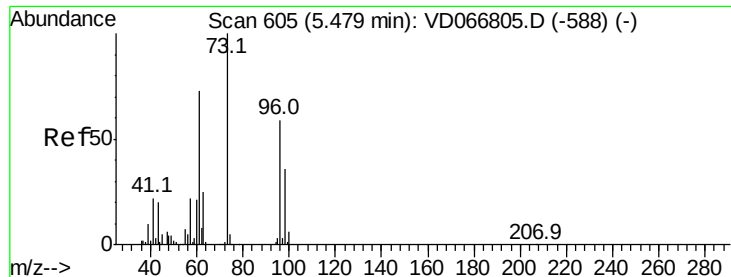
Tot Ion: 76 Resp: 601244
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#18
Methyl Acetate
Concen: 55.817 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 43 Resp: 110292
Ion Ratio Lower Upper
43 100
74 26.8 20.3 30.5



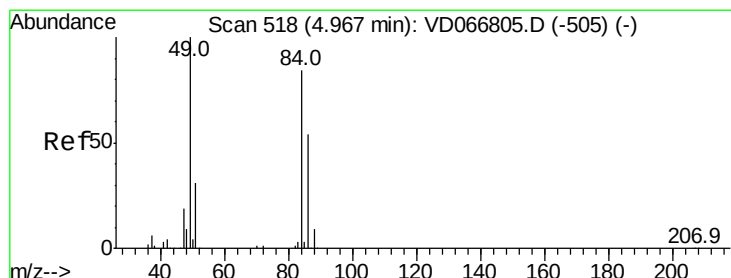
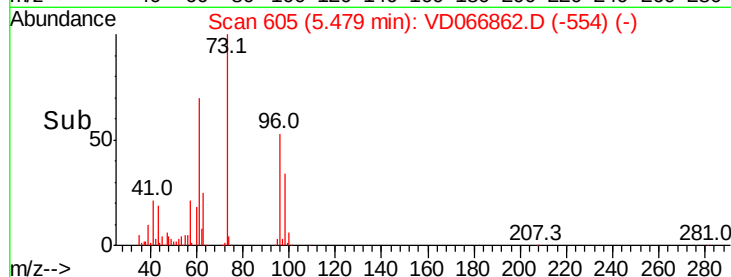
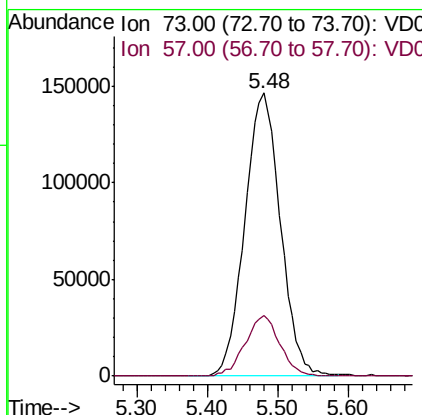
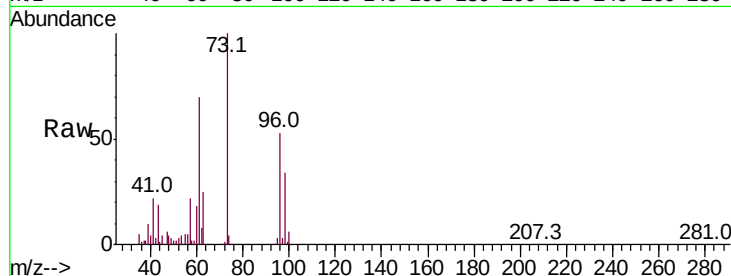


#19

Methyl tert-butyl Ether
 Concen: 56.409 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

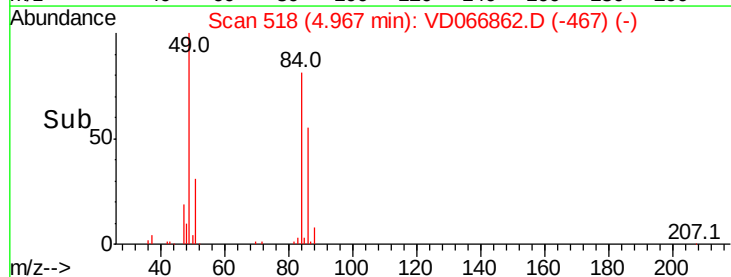
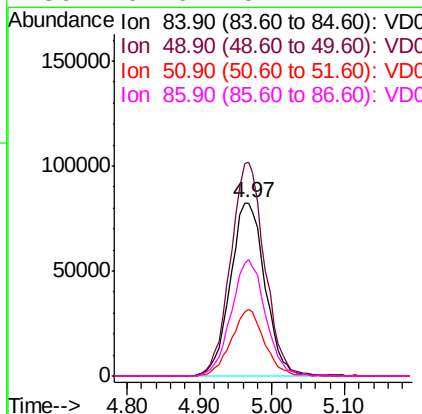
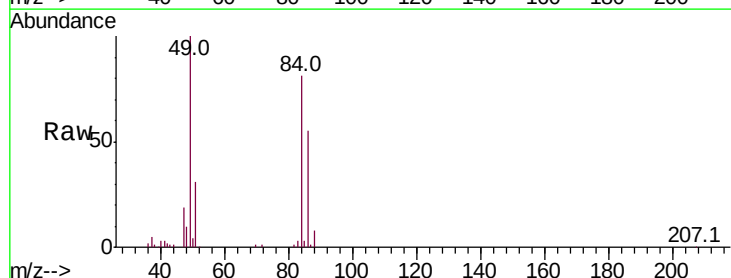
Tot Ion: 73 Resp: 51538
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.2

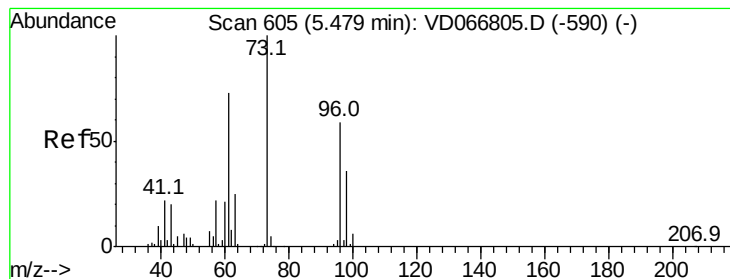


#20

Methylene Chloride
 Concen: 57.572 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 84 Resp: 273017
 Ion Ratio Lower Upper
 84 100
 49 123.4 95.4 143.2
 51 38.1 29.7 44.5
 86 67.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.985 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

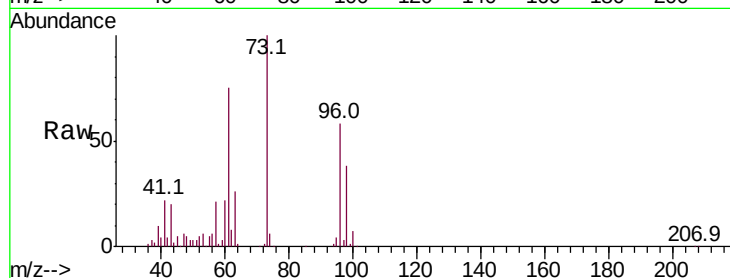
Tot Ion: 96 Resp: 248449

Ion Ratio Lower Upper

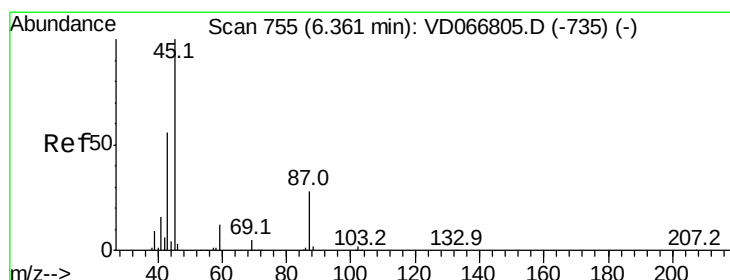
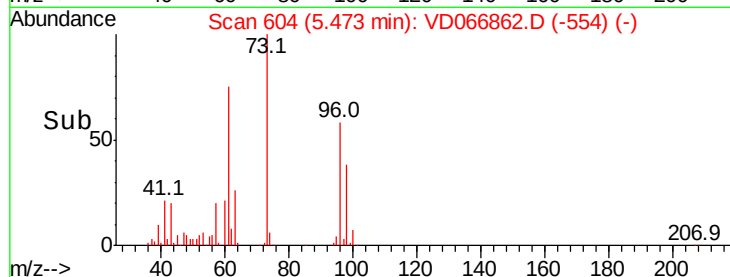
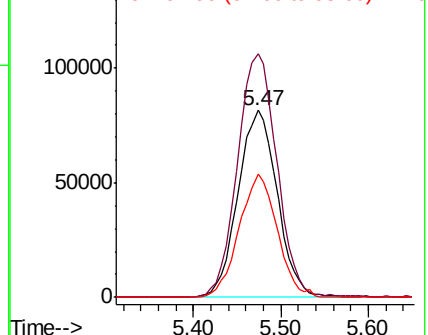
96 100

61 130.2 98.9 148.3

98 66.3 48.4 72.6



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: 54.727 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Tgt Ion: 45 Resp: 695376

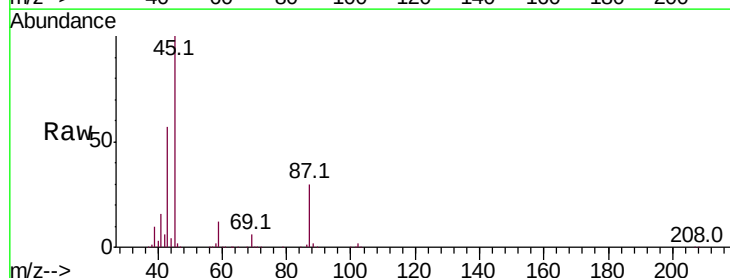
Ion Ratio Lower Upper

45 100

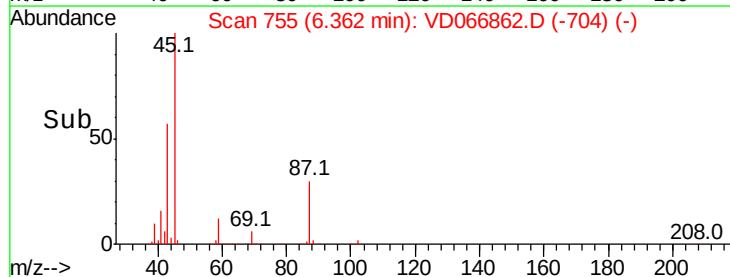
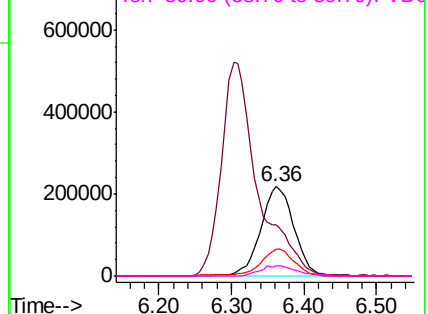
43 56.6 44.5 66.7

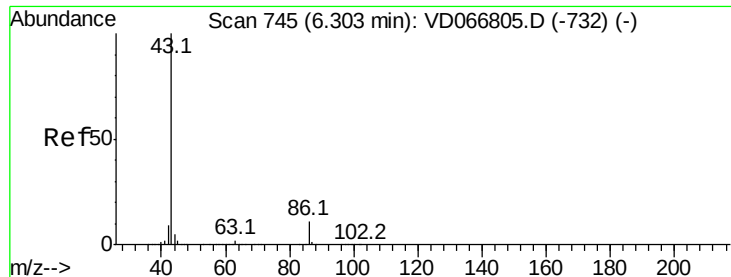
87 29.6 22.9 34.3

59 11.5 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: 263.361 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

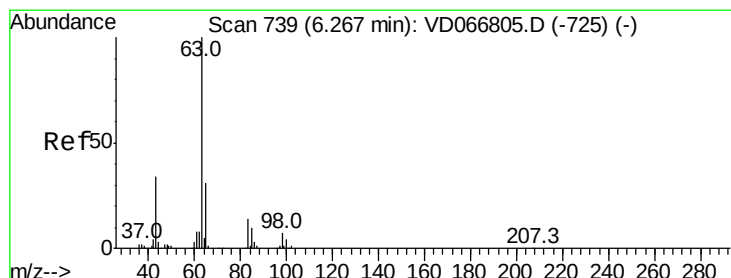
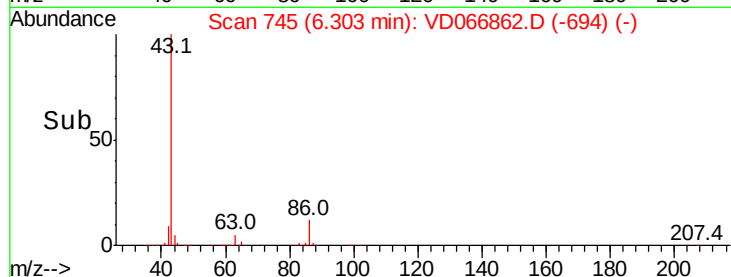
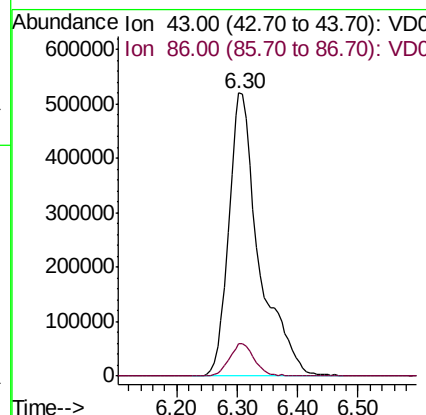
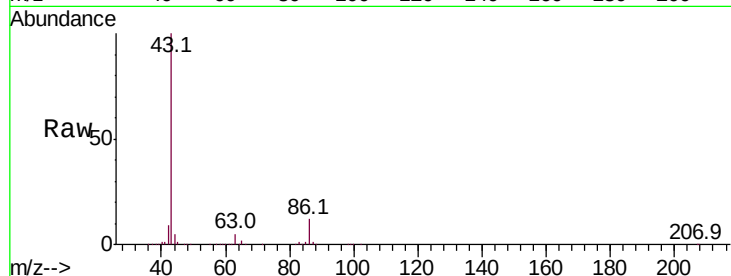
Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1817808

Ion	Ratio	Lower	Upper
43	100		
86	11.7	8.9	13.3



#24

1,1-Dichloroethane

Concen: 50.411 ug/l

RT: 6.27 min Scan# 739

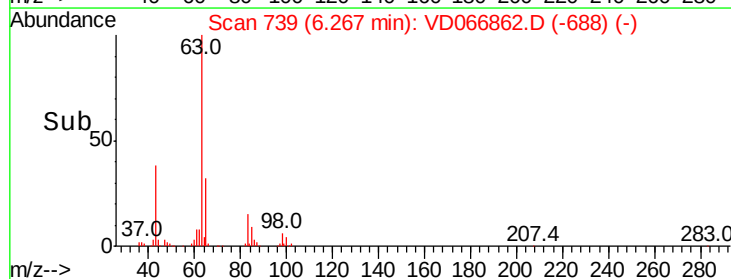
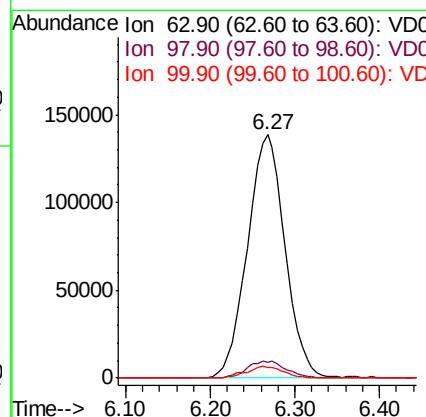
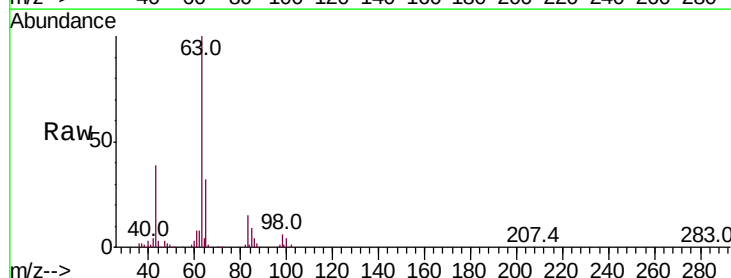
Delta R.T. 0.00 min

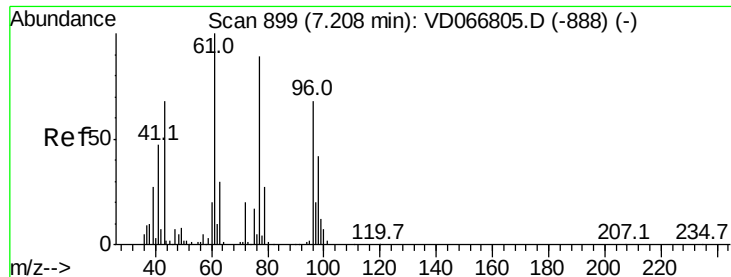
Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Tgt Ion: 63 Resp: 428510

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.7	11.1
100	4.4	1.8	5.5





#25

2-Butanone

Concen: 267.057 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

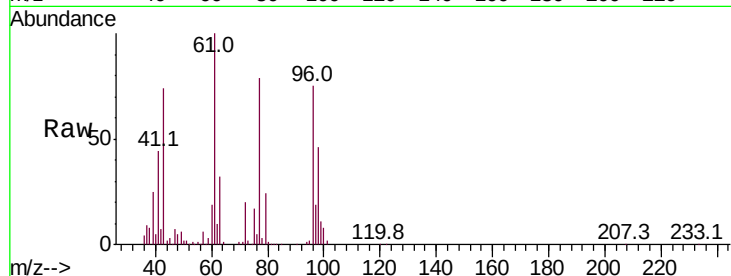
VSTDCCC050EC

Tot Ion: 43 Resp: 286378

Ion Ratio Lower Upper

43 100

72 27.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

120000

100000

80000

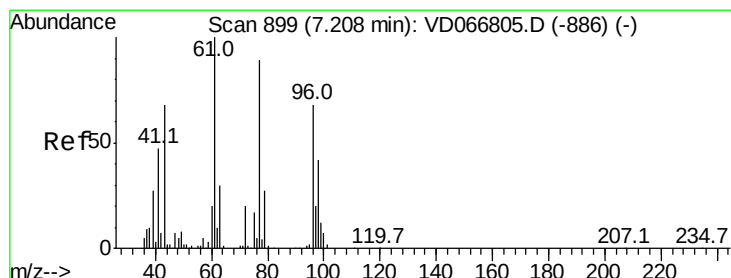
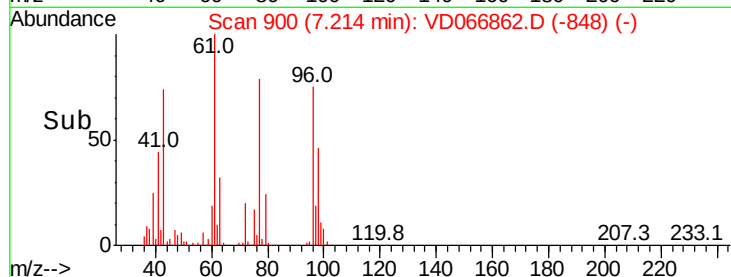
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 45.596 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066862.D

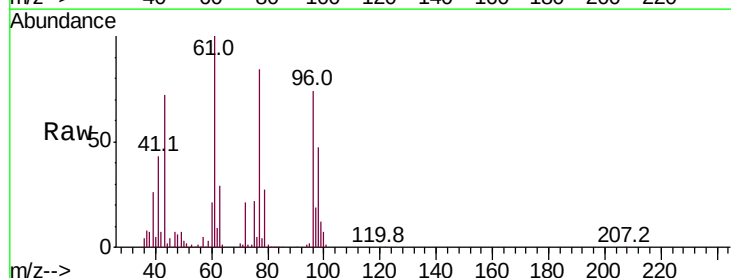
Acq: 24 Sep 2020 20:17

Tgt Ion: 77 Resp: 355238

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

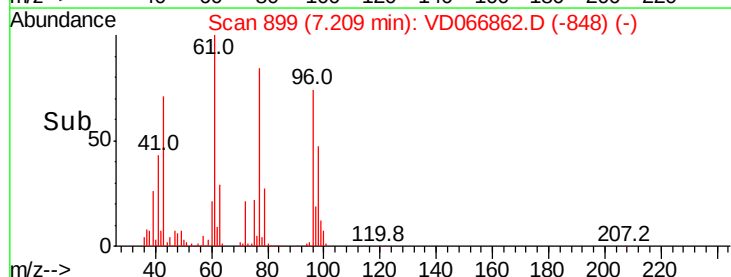
7.21

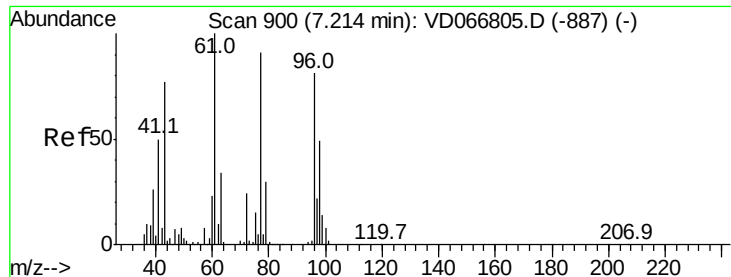
100000

50000

0

Time--> 7.10 7.20 7.30



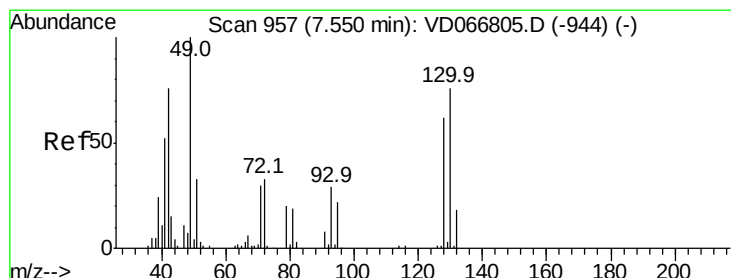
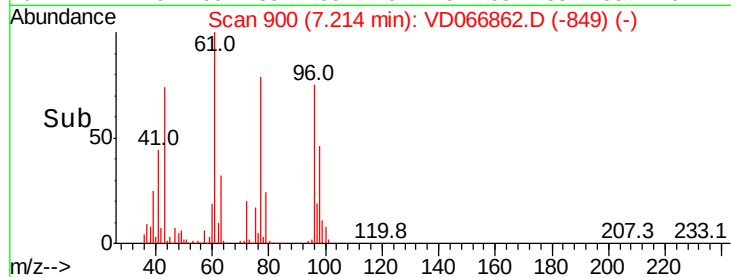
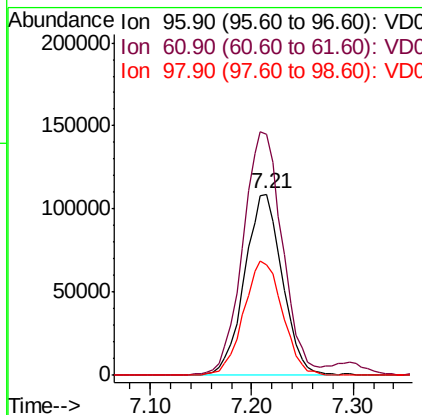
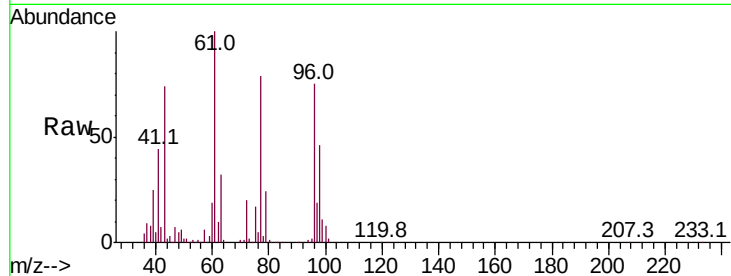


#27

cis-1,2-Dichloroethene
Concen: 53.307 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

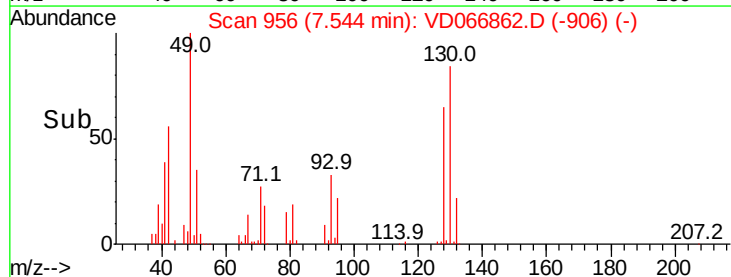
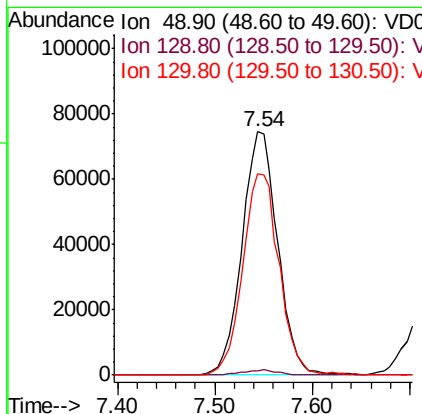
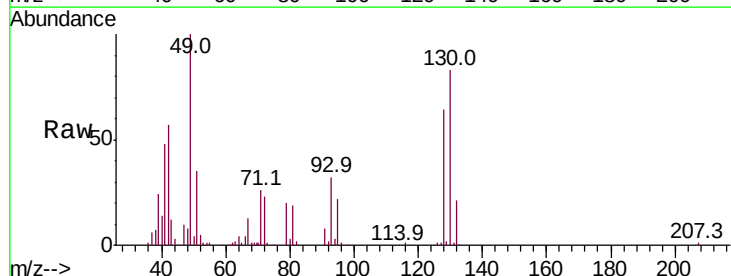
Tot Ion	96	Resp	282238
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	283.8
98	65.2	0.0	128.4

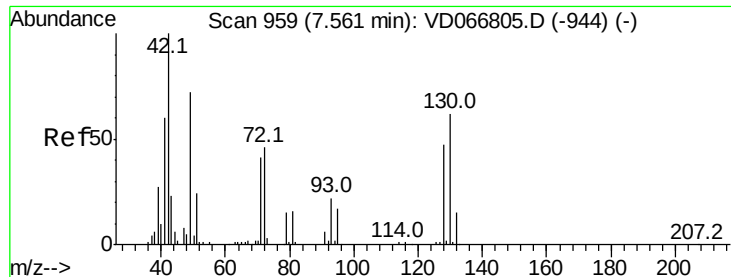


#28

Bromochloromethane
Concen: 54.240 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion	49	Resp	190472
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.0
130	84.7	65.9	98.9

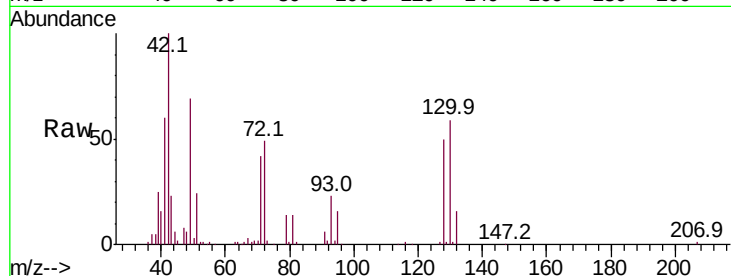




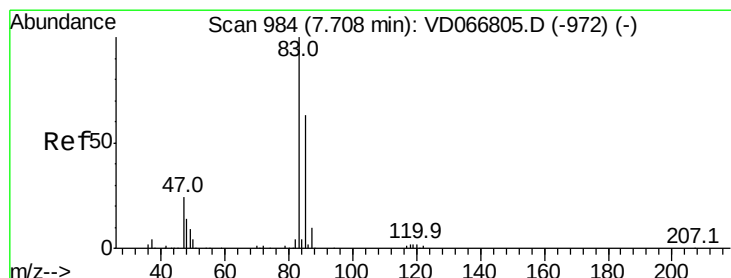
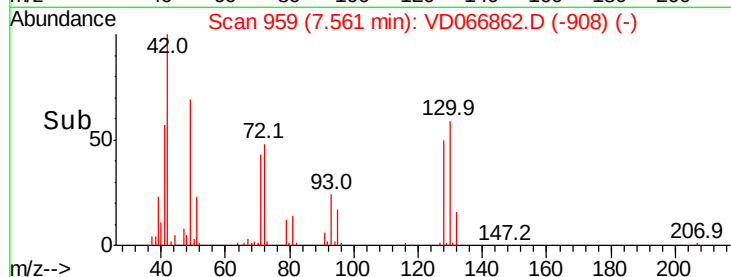
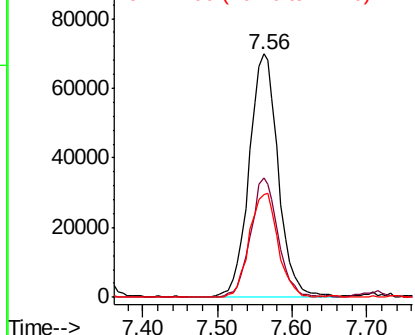
#29
Tetrahydrofuran
Concen: 276.938 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 190287
Ion Ratio Lower Upper
42 100
72 46.0 36.2 54.4
71 41.8 32.4 48.6

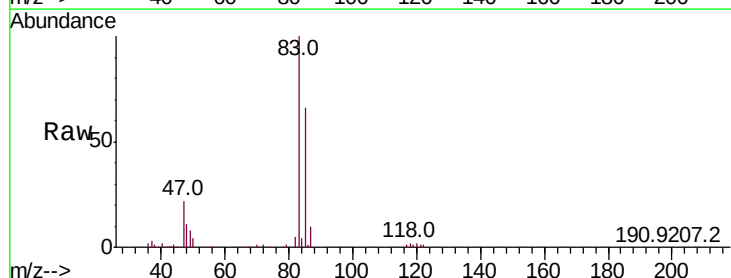


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

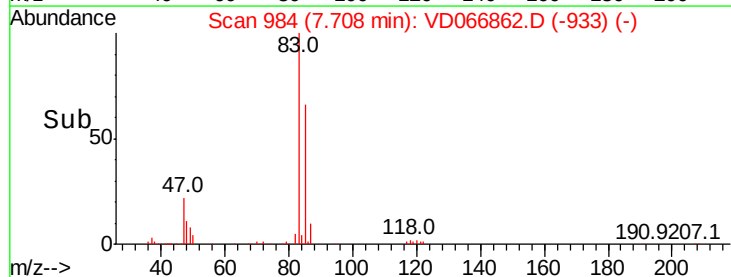
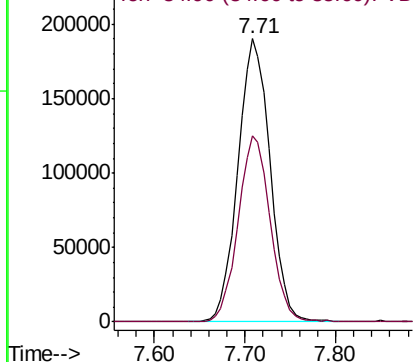


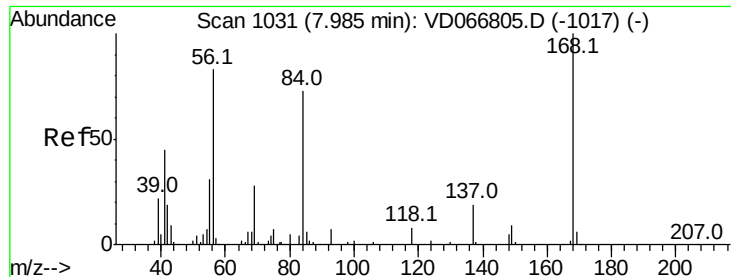
#30
Chloroform
Concen: 51.215 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 83 Resp: 469267
Ion Ratio Lower Upper
83 100
85 65.8 50.6 75.8



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

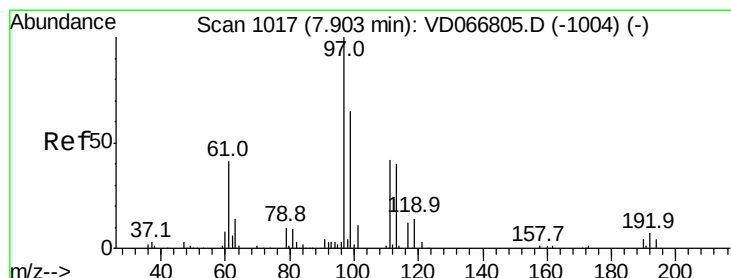
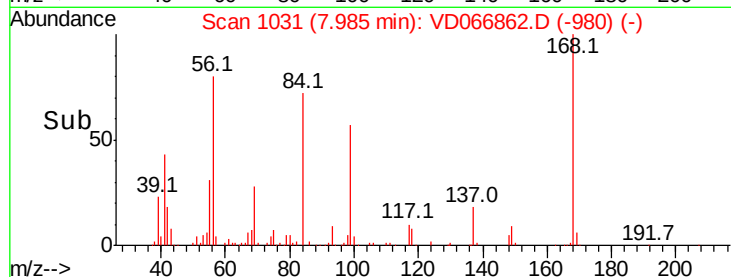
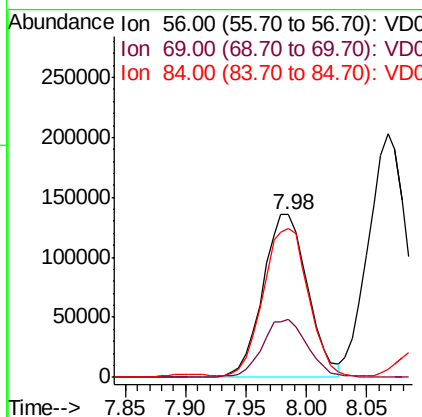
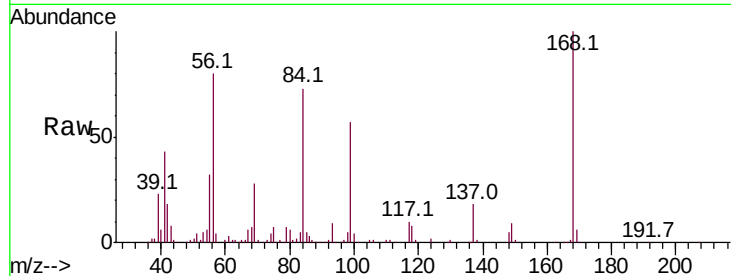




#31
Cyclohexane
Concen: 45.484 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

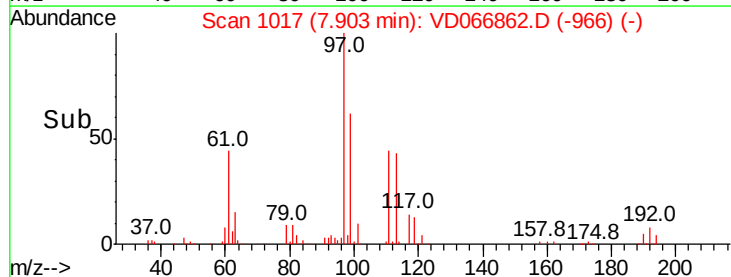
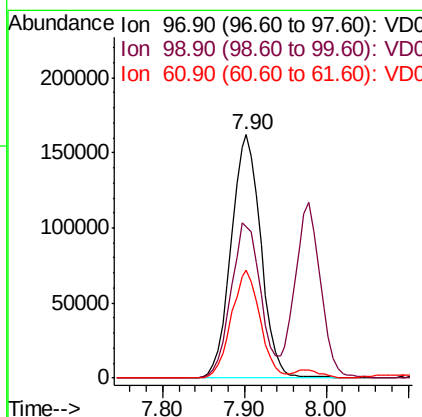
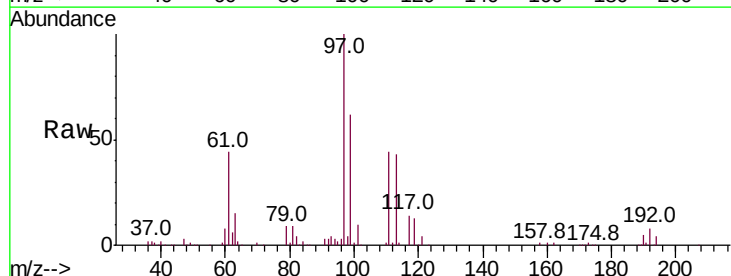
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

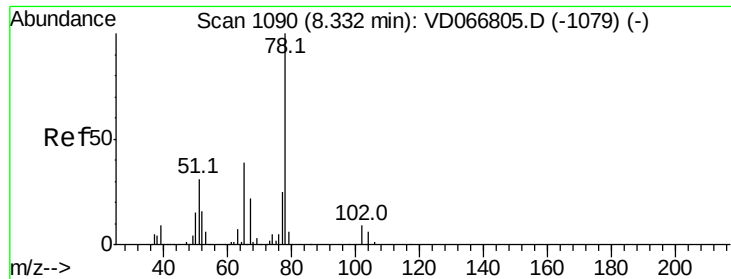
Tot Ion: 56 Resp: 347879
Ion Ratio Lower Upper
56 100
69 35.3 27.0 40.4
84 89.9 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.393 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 97 Resp: 409410
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 43.0 34.2 51.4

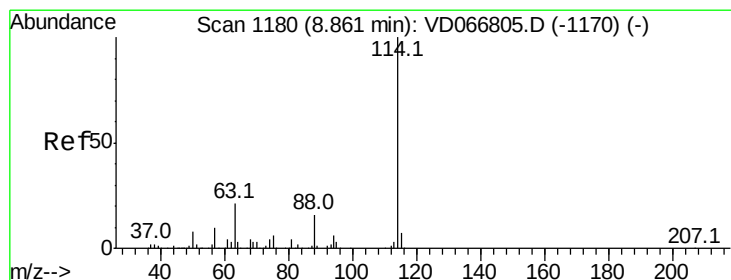
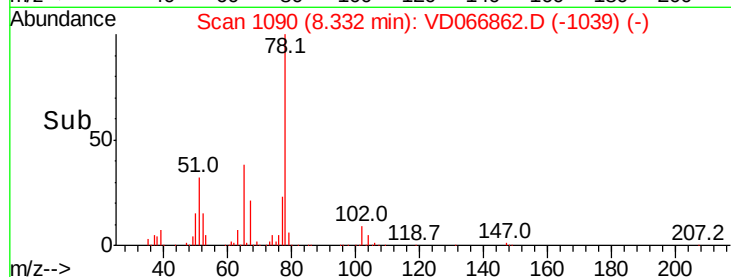
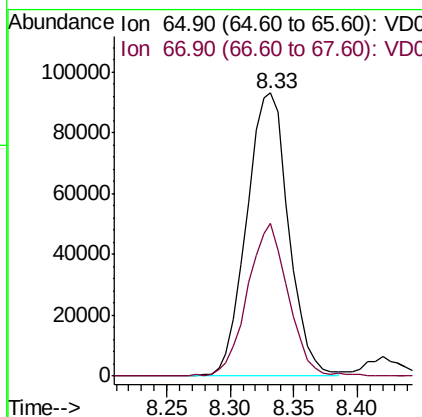
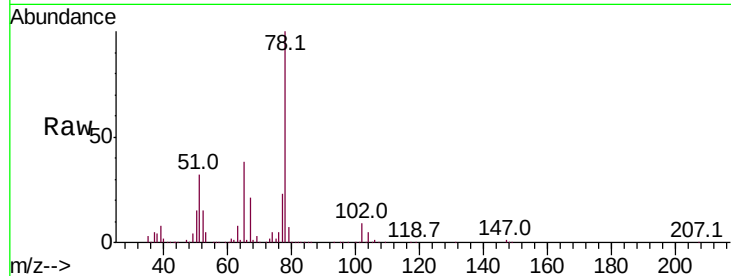




#33
 1,2-Dichloroethane-d4
 Concen: 50.922 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

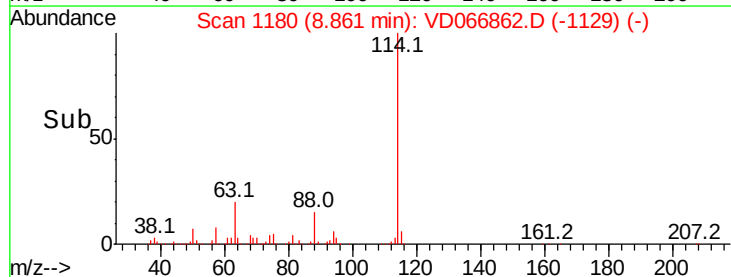
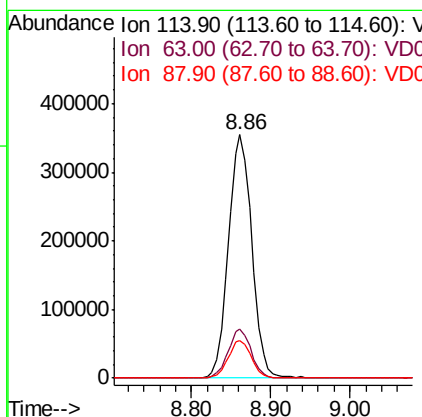
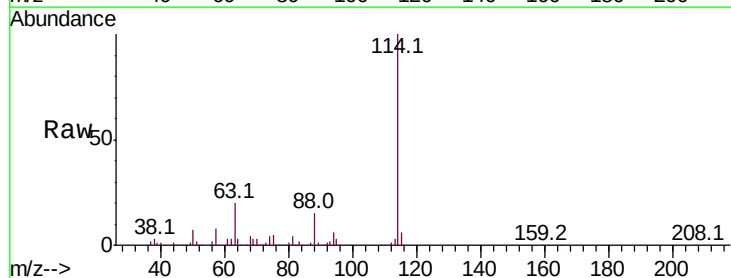
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

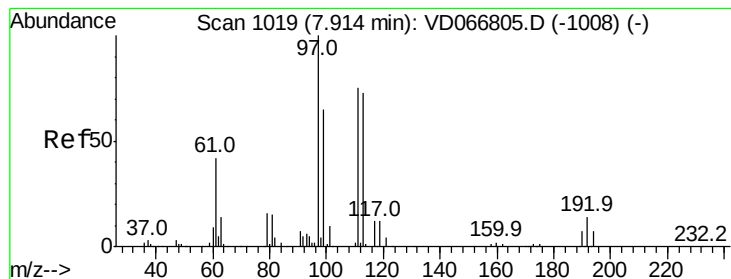
Tot Ion: 65 Resp: 214203
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 114 Resp: 721729
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.819 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

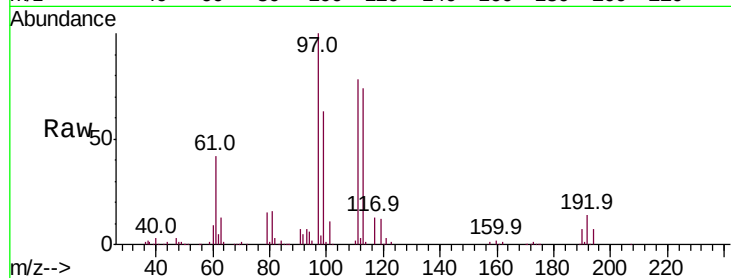
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 219567

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.8	122.8
192	19.4	14.4	21.6

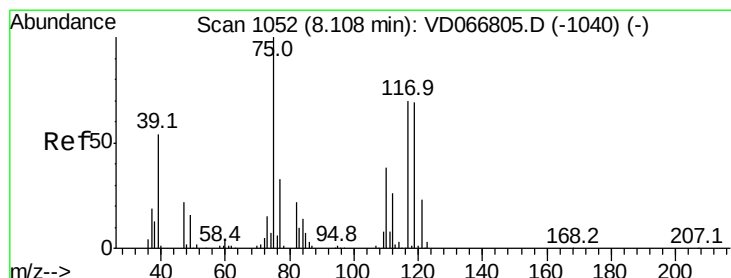
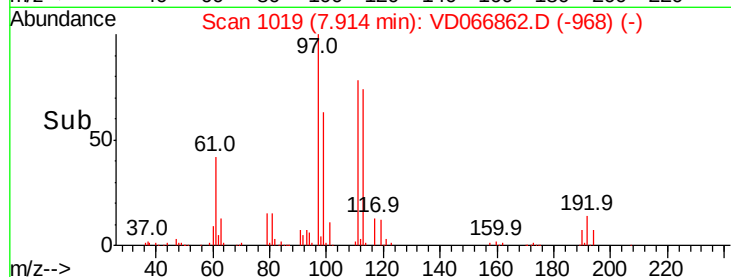
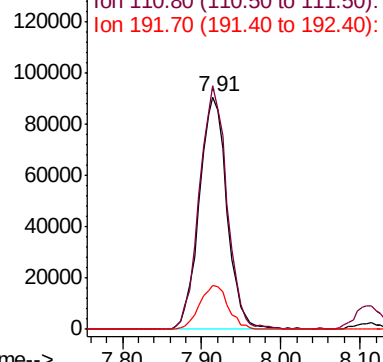


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.348 ug/l

RT: 8.11 min Scan# 1052

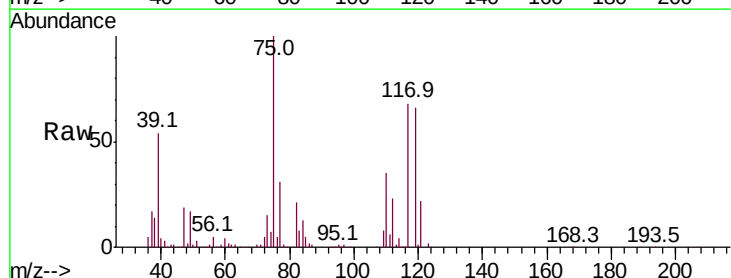
Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Tgt Ion: 75 Resp: 339021

Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.9	53.8
77	30.8	25.0	37.6

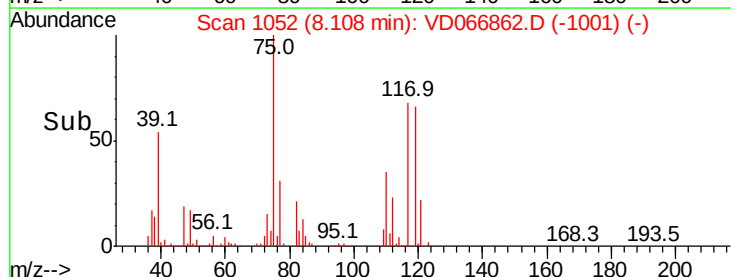
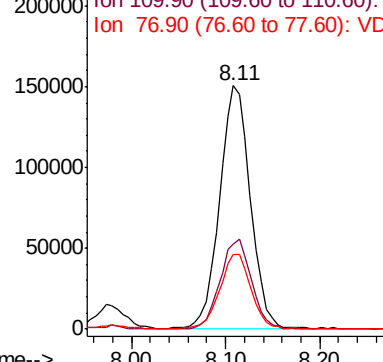


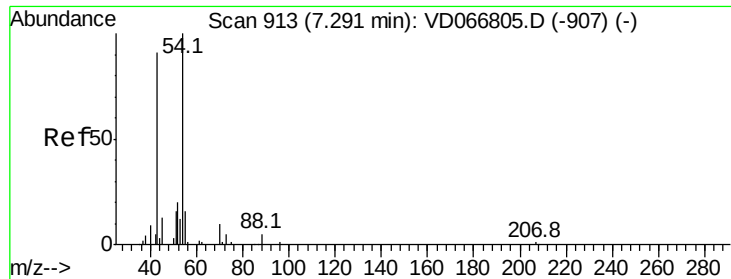
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

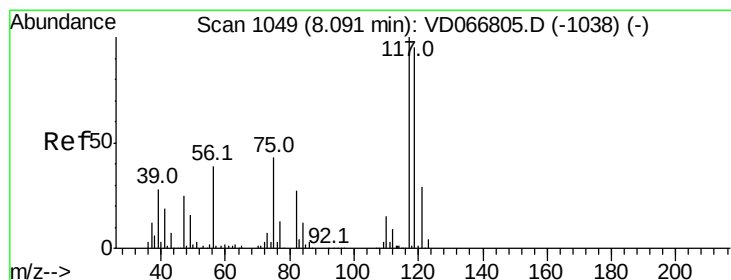
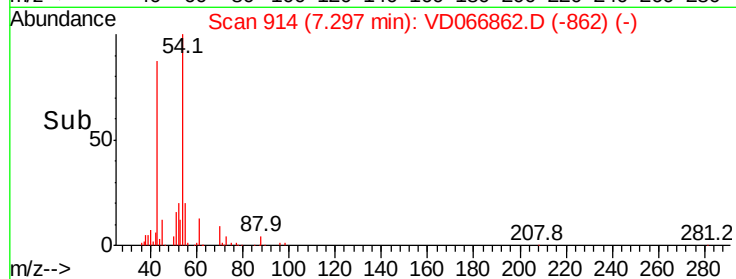
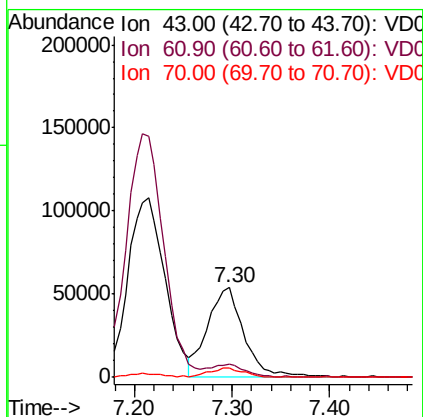
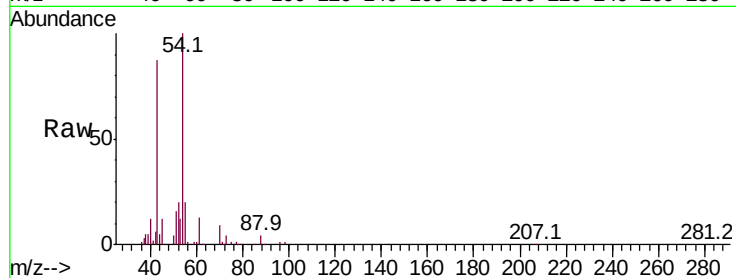




#37
Ethyl Acetate
Concen: 53.304 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

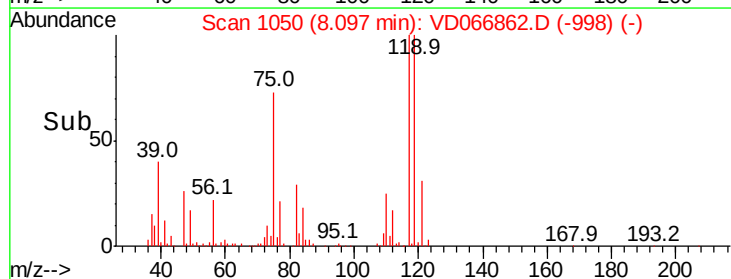
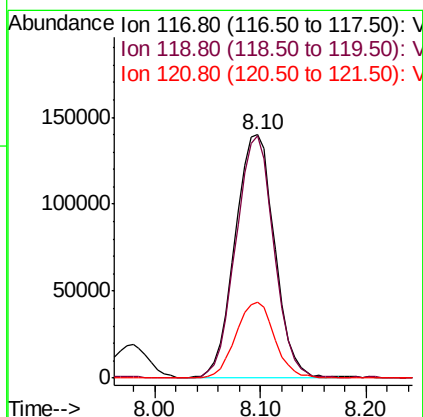
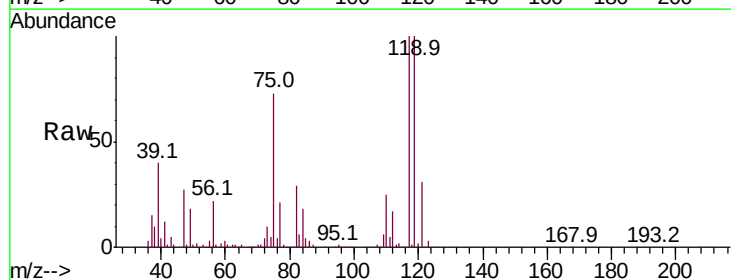
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

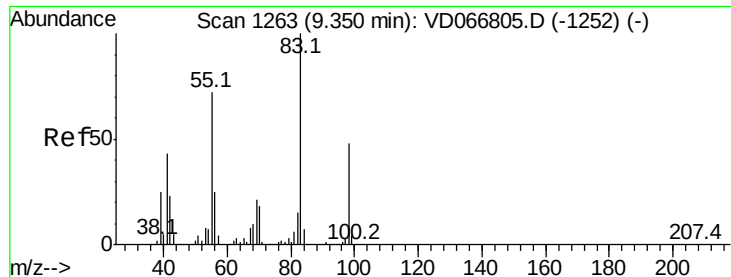
Tot Ion: 43 Resp: 137975
Ion Ratio Lower Upper
43 100
61 10.6 9.8 14.8
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 46.170 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 117 Resp: 361421
Ion Ratio Lower Upper
117 100
119 99.8 75.8 113.8
121 31.5 23.4 35.0

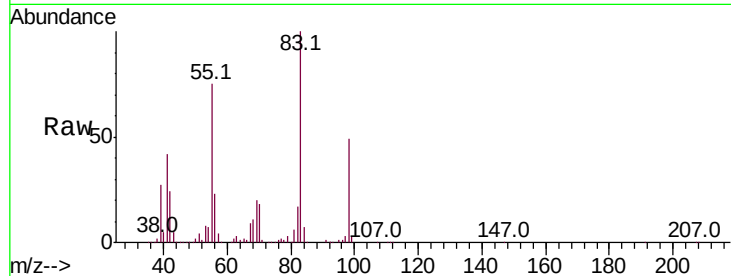




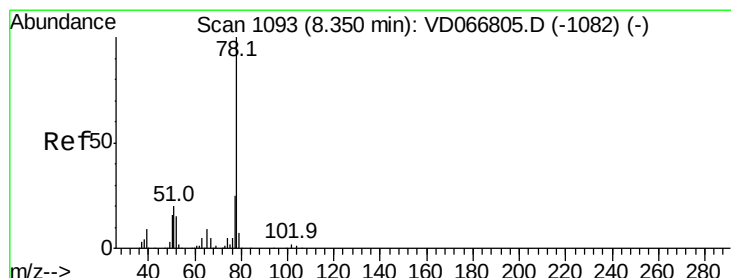
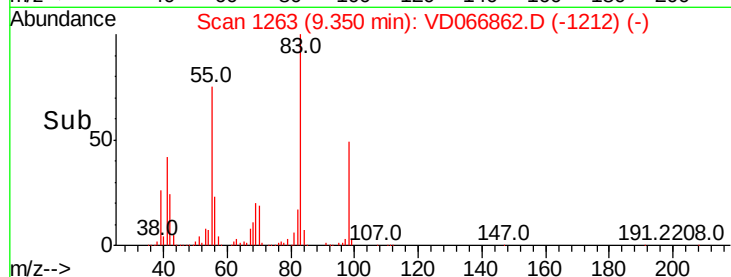
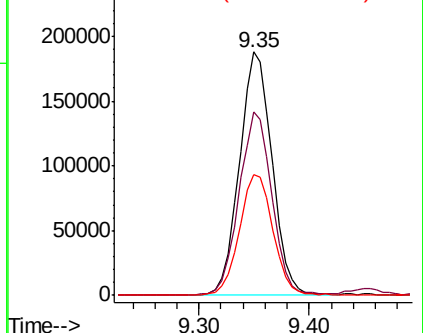
#39
Methylvlcyclohexane
Concen: 47.577 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 391124
Ion Ratio Lower Upper
83 100
55 75.4 57.7 86.5
98 49.4 38.4 57.6

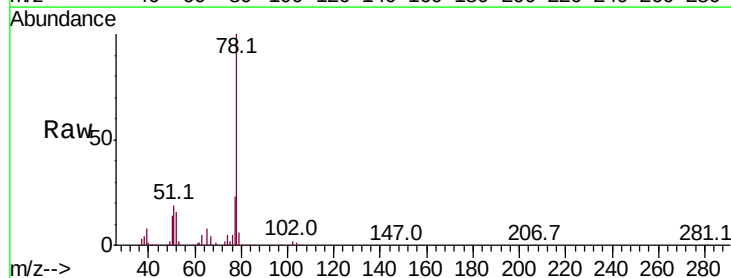


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

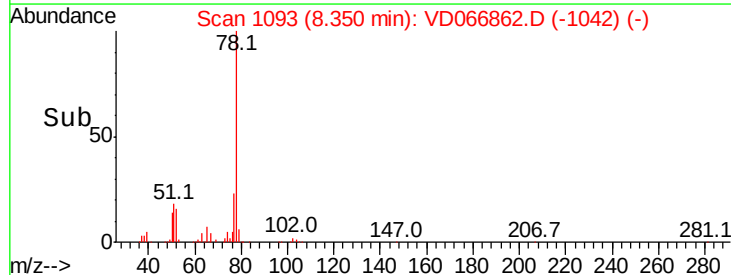
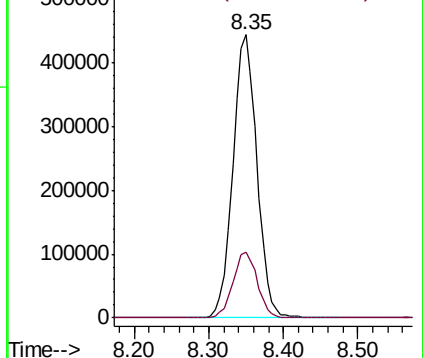


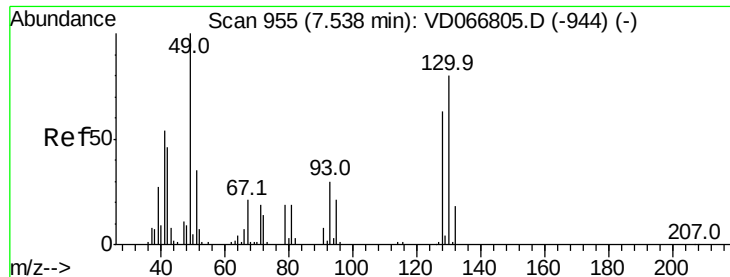
#40
Benzene
Concen: 49.634 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 78 Resp: 990467
Ion Ratio Lower Upper
78 100
77 23.1 19.9 29.9



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

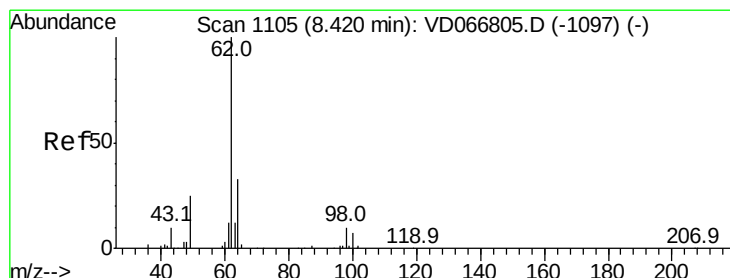
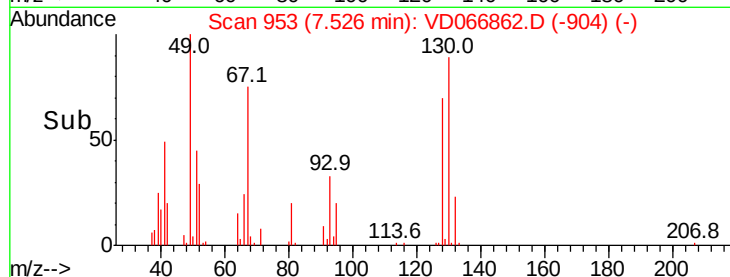
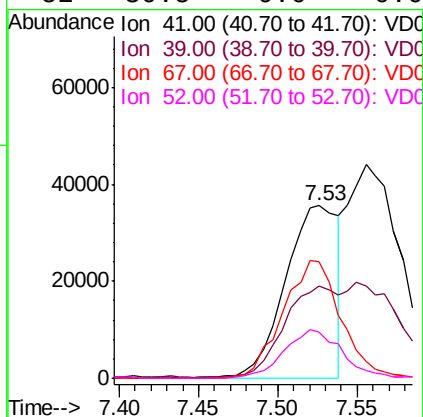
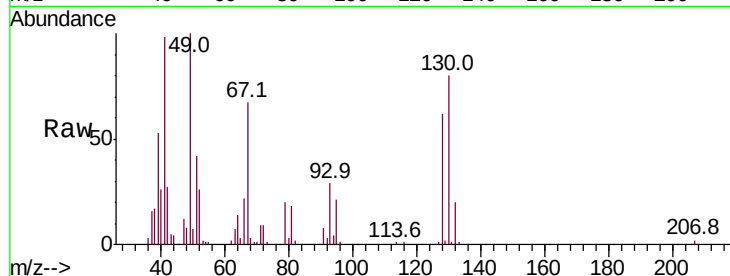




#41
Methacrylonitrile
Concen: 51.965 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

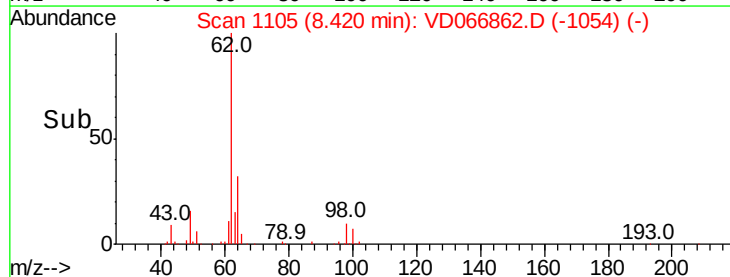
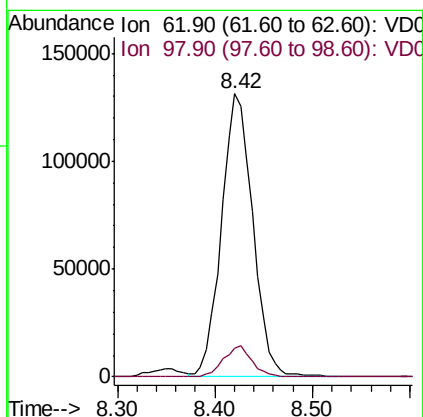
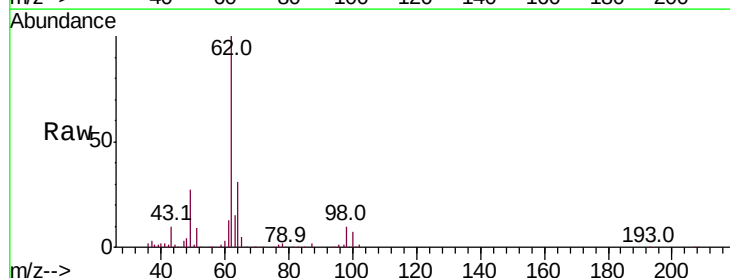
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

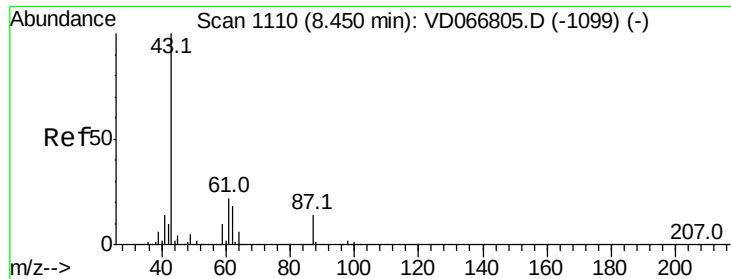
Tot Ion: 41 Resp: 82719
Ion Ratio Lower Upper
41 100
39 54.6 0.0 0.0#
67 75.0 0.0 0.0#
52 30.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.202 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 62 Resp: 290257
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 52.864 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

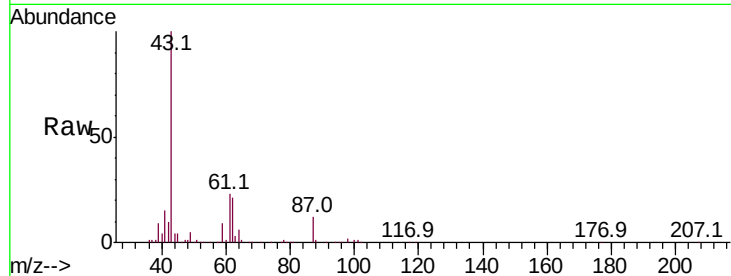
Tot Ion: 43 Resp: 263814

Ion Ratio Lower Upper

43 100

61 31.7 26.2 39.4

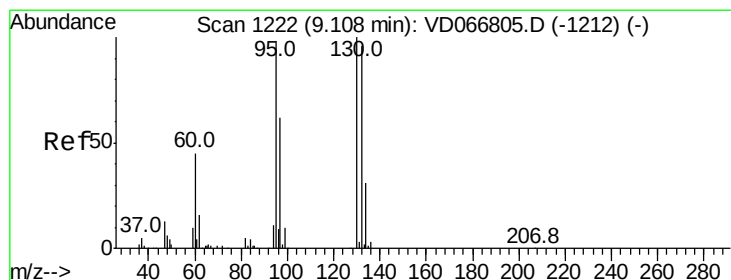
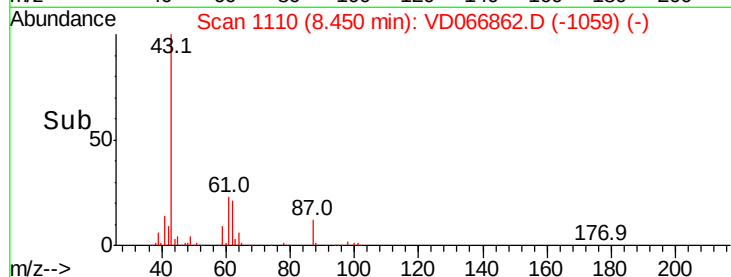
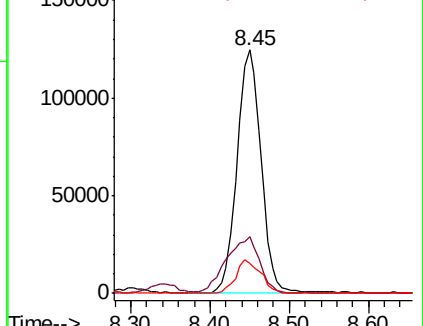
87 14.0 11.5 17.3



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: 49.050 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066862.D

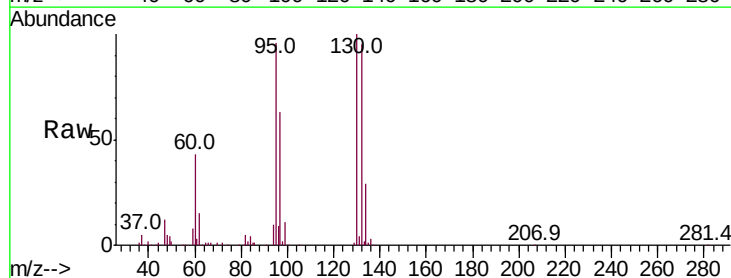
Acq: 24 Sep 2020 20:17

Tgt Ion:130 Resp: 278993

Ion Ratio Lower Upper

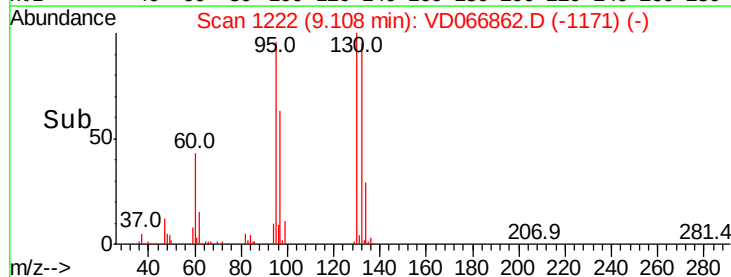
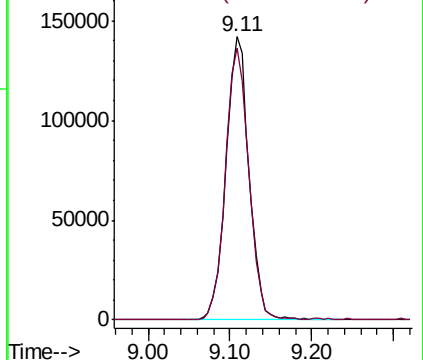
130 100

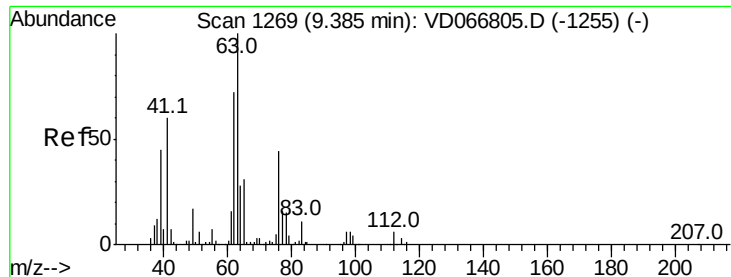
95 96.1 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

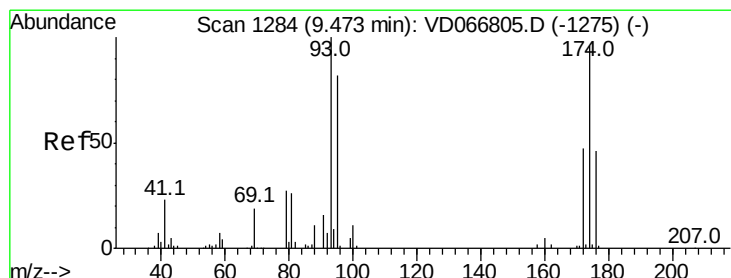
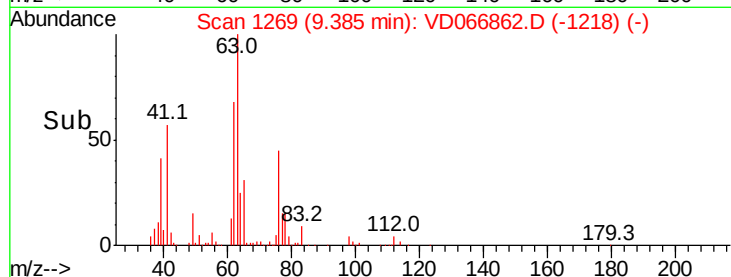
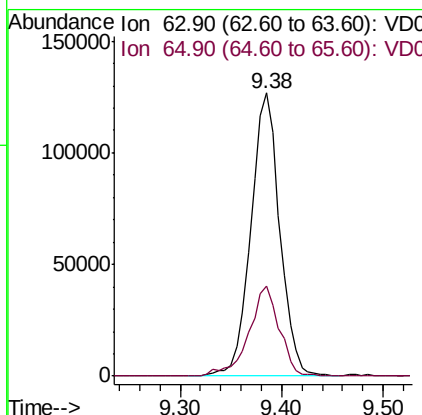
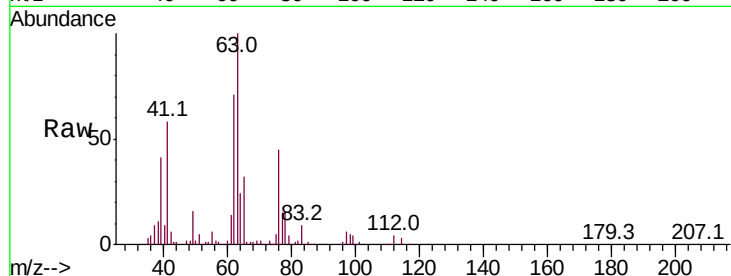




#45
 1,2-Dichloropropane
 Concen: 49.892 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

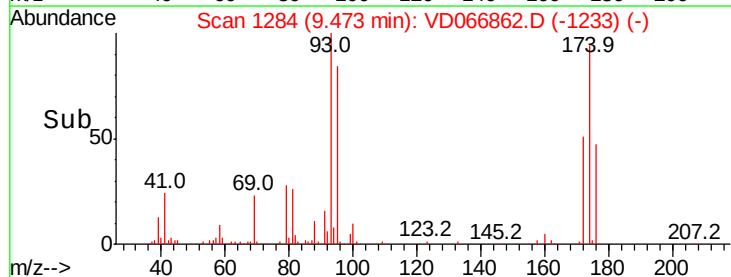
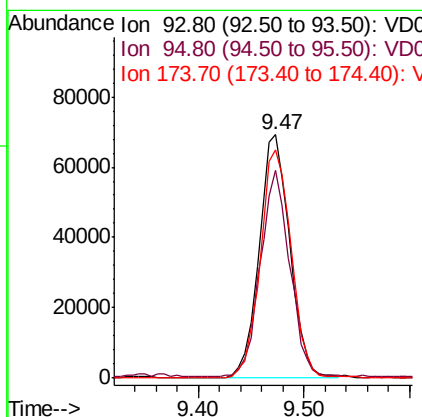
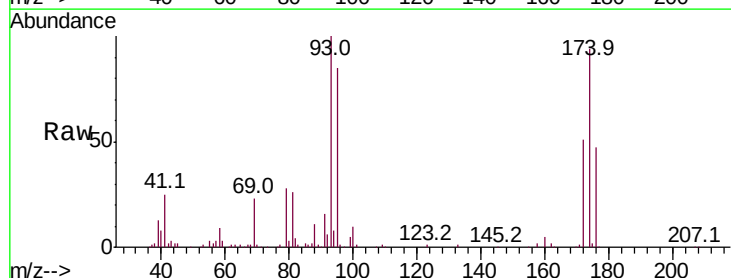
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

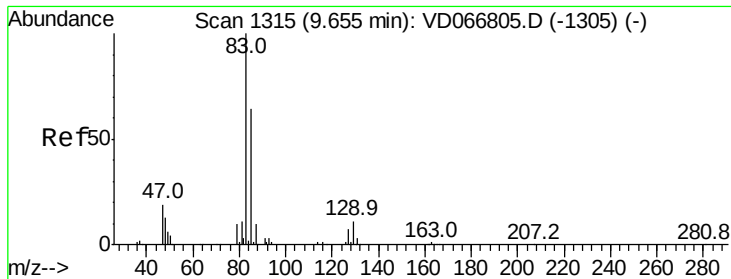
Tot Ion: 63 Resp: 250496
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.7 37.1



#46
 Dibromomethane
 Concen: 51.370 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 93 Resp: 140131
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.3 97.9
 174 94.6 75.4 113.2





#47

Bromodichloromethane

Concen: 49.741 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

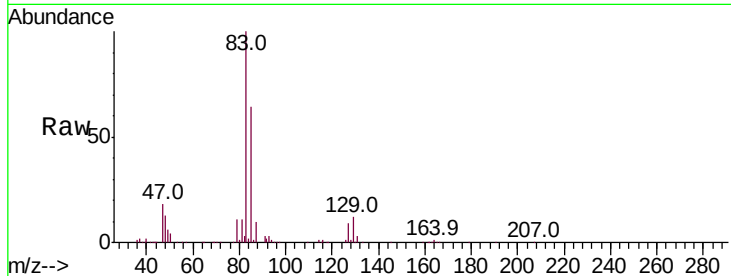
Tot Ion: 83 Resp: 364500

Ion Ratio Lower Upper

83 100

85 64.0 50.9 76.3

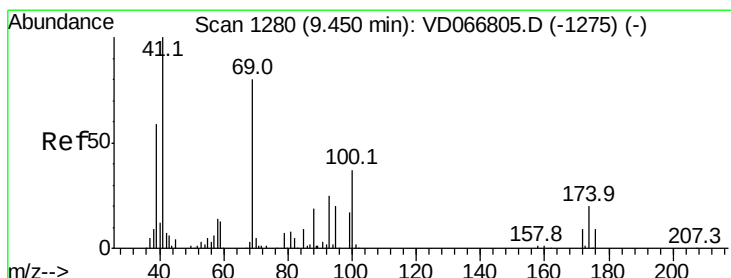
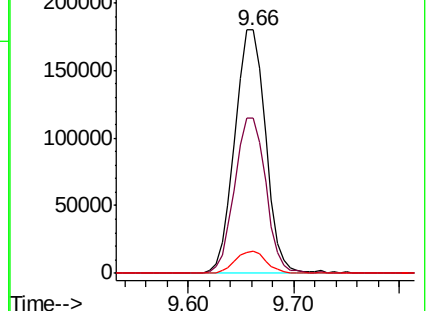
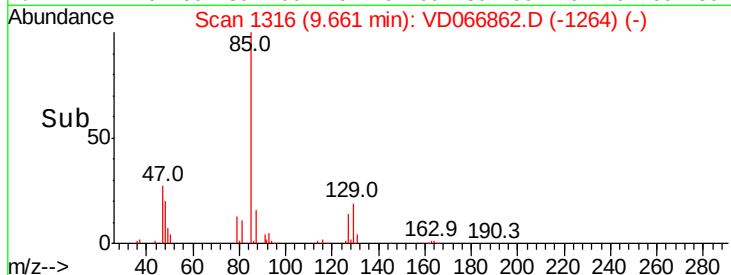
127 9.0 5.9 8.9#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 51.517 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

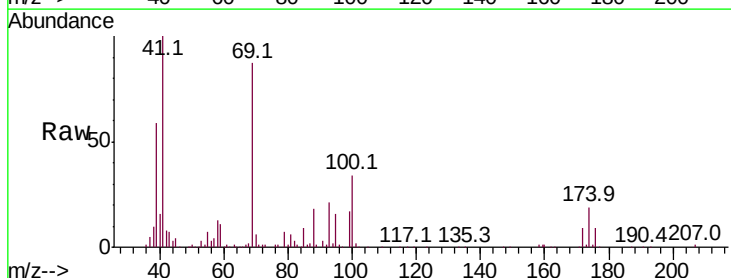
Tgt Ion: 41 Resp: 126757

Ion Ratio Lower Upper

41 100

69 94.1 74.5 111.7

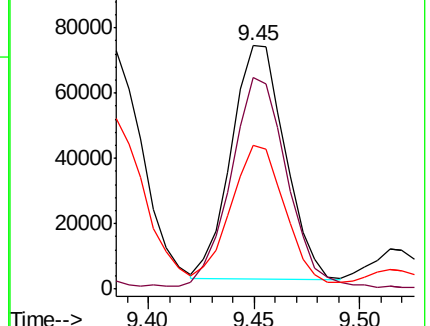
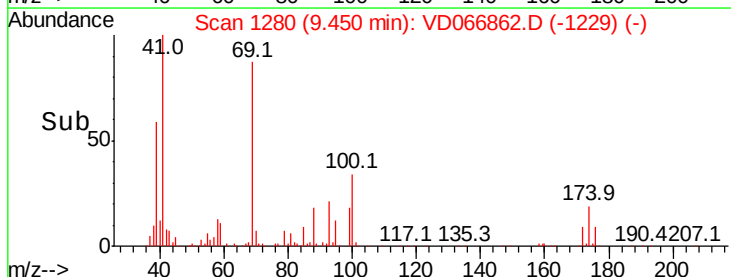
39 58.1 47.0 70.6

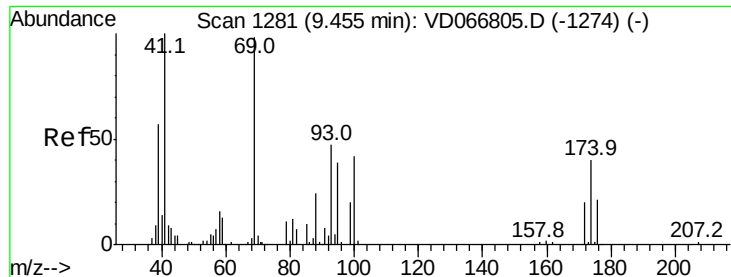


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

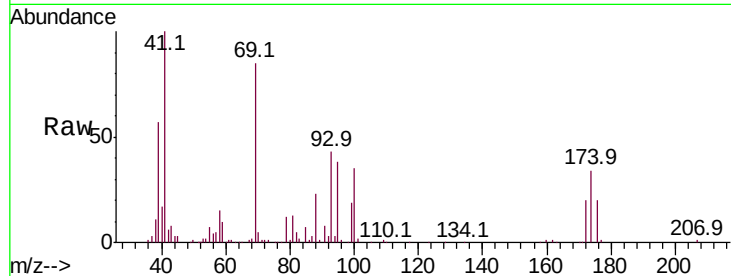




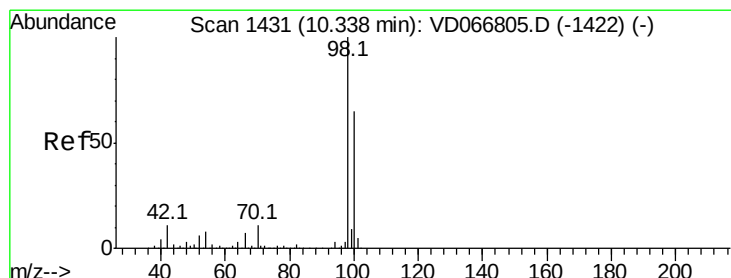
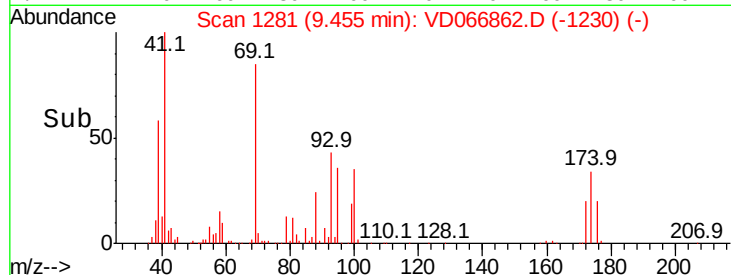
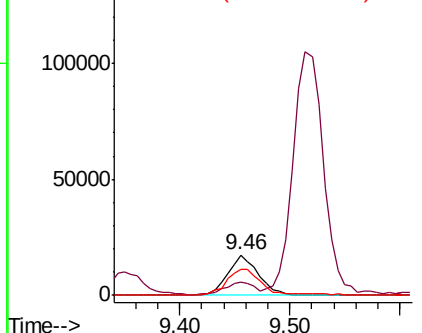
#49
1,4-Dioxane
Concen: 1116.662 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 34170
Ion Ratio Lower Upper
88 100
43 28.9 27.7 41.5
58 69.9 55.5 83.3

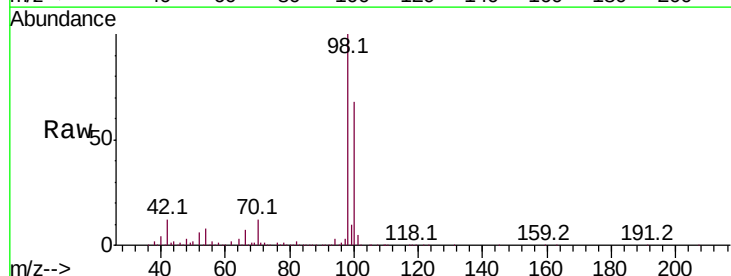


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

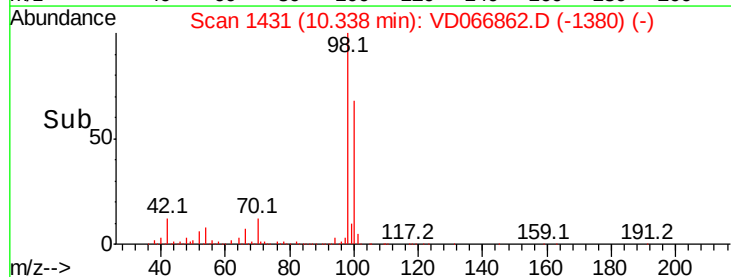
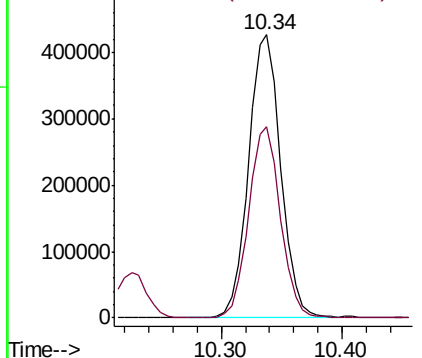


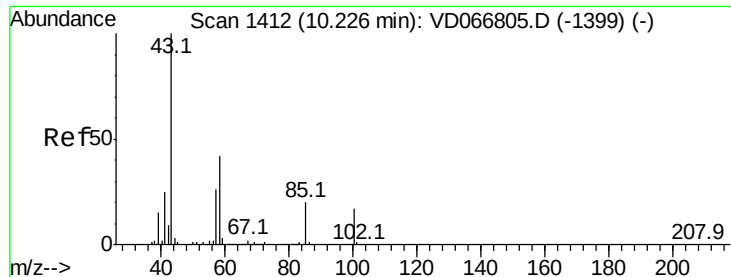
#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 98 Resp: 789800
Ion Ratio Lower Upper
98 100
100 67.1 52.2 78.2



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

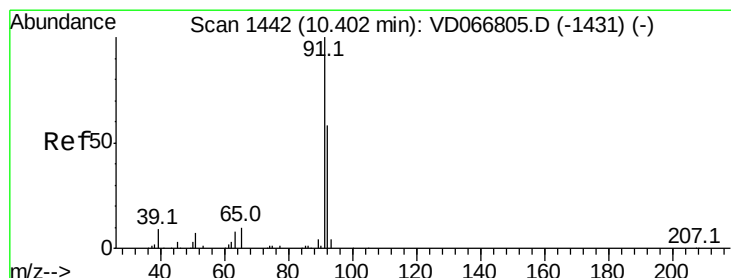
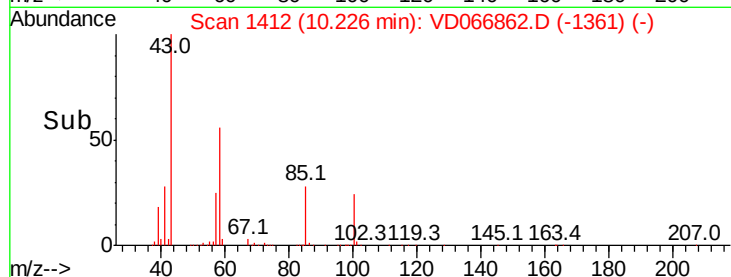
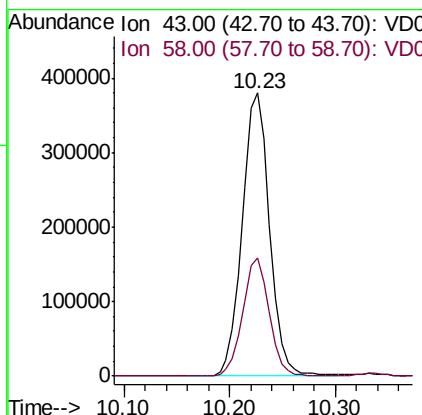
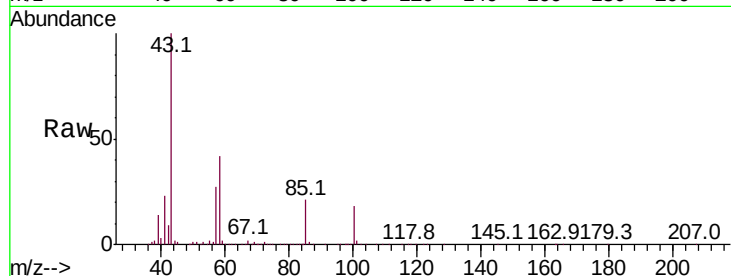




#51
4-Methyl-2-Pentanone
Concen: 269.238 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

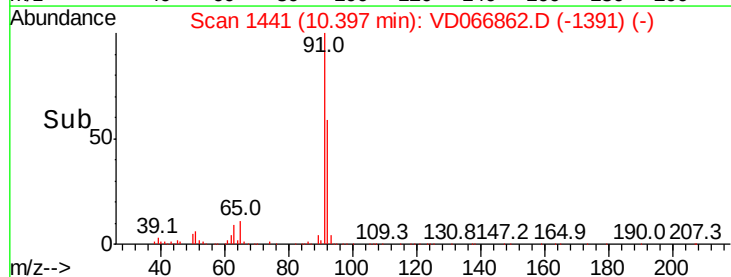
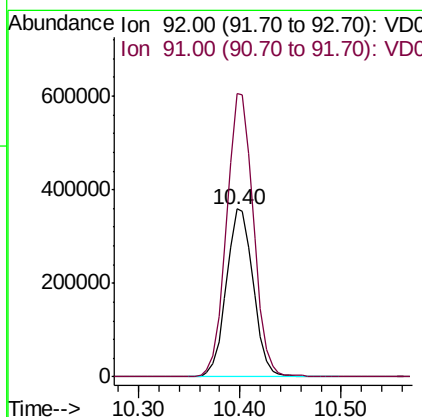
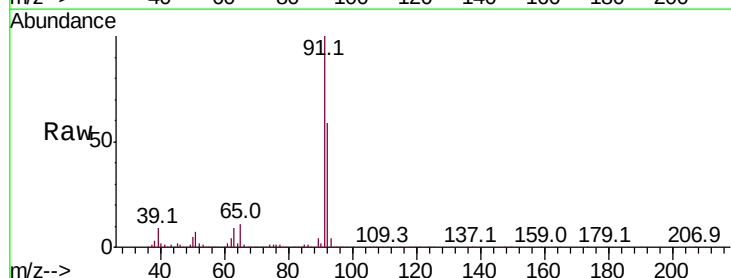
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

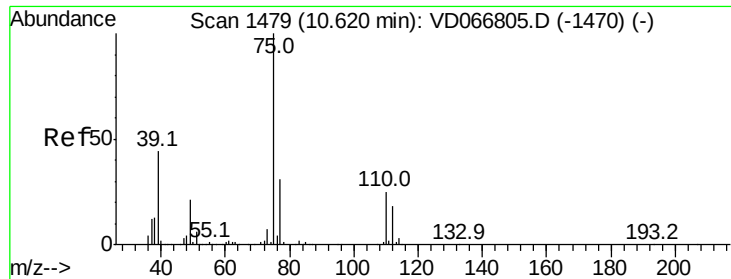
Tot Ion: 43 Resp: 680812
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.4



#52
Toluene
Concen: 51.447 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 92 Resp: 661293
Ion Ratio Lower Upper
92 100
91 168.8 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 52.004 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

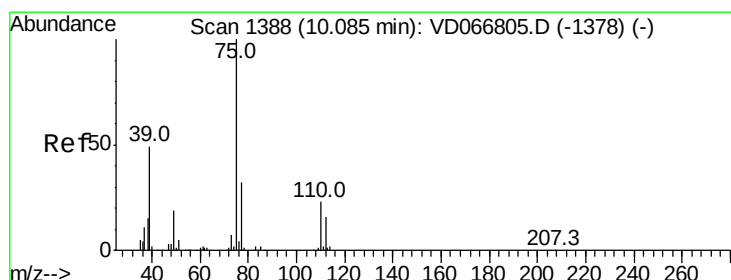
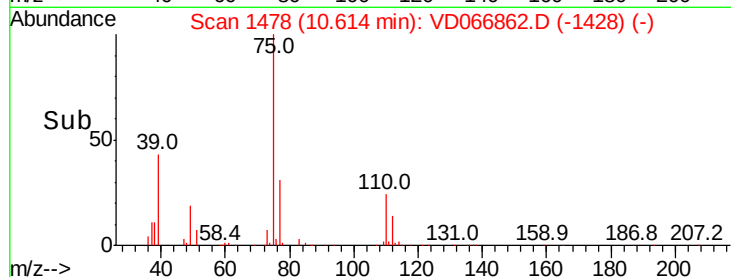
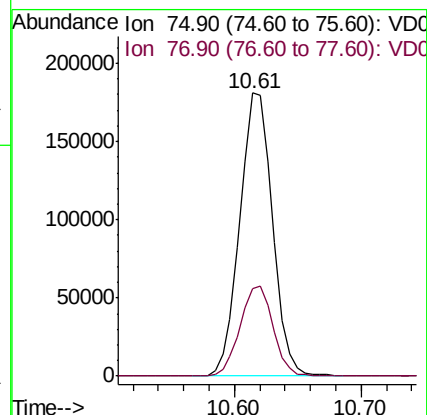
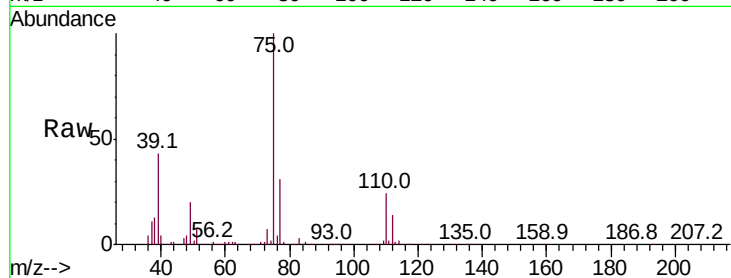
VSTDCCC050EC

Tot Ion: 75 Resp: 324355

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.303 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

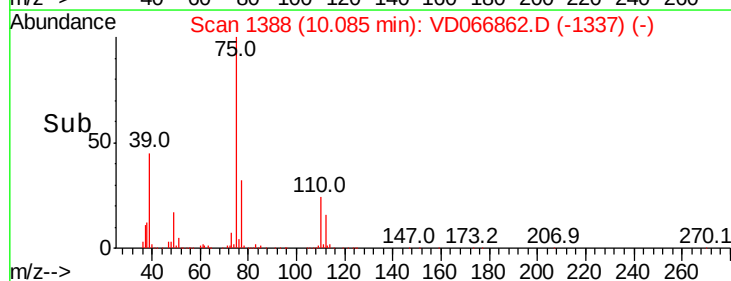
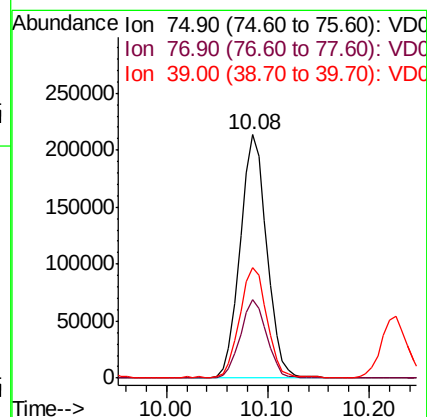
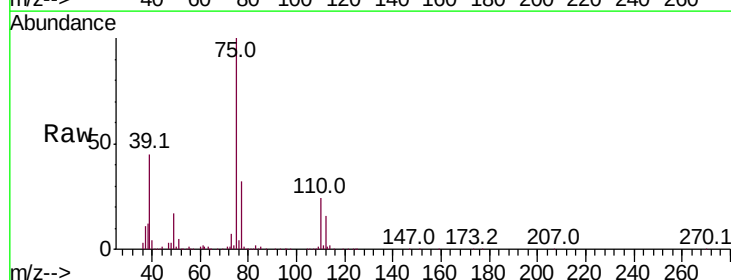
Tgt Ion: 75 Resp: 390171

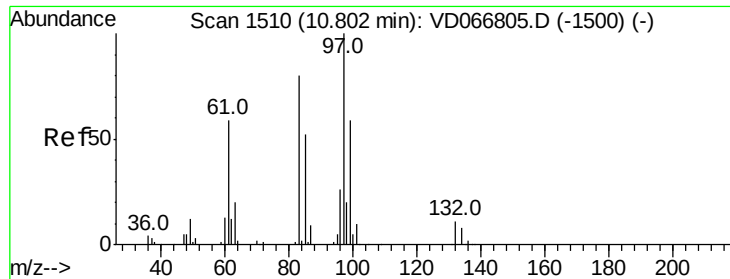
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 45.3 39.2 58.8

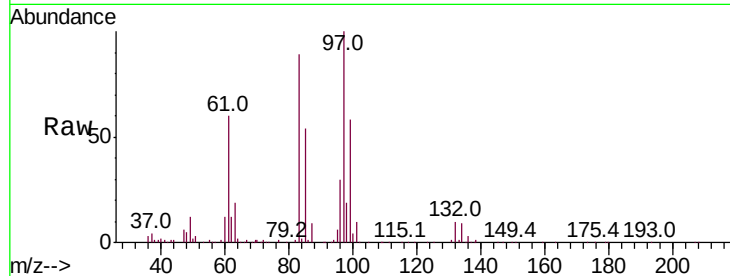




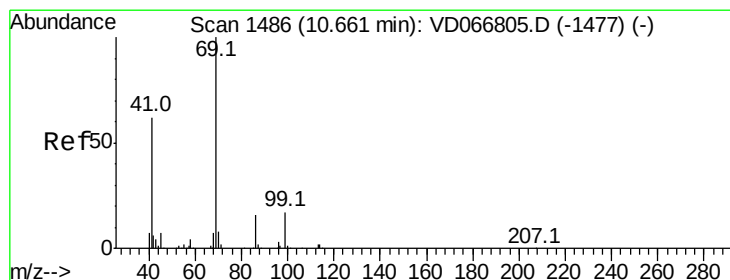
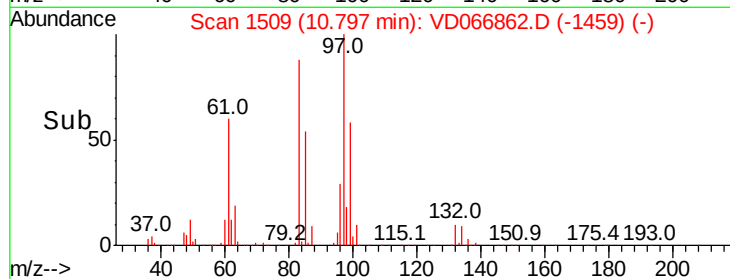
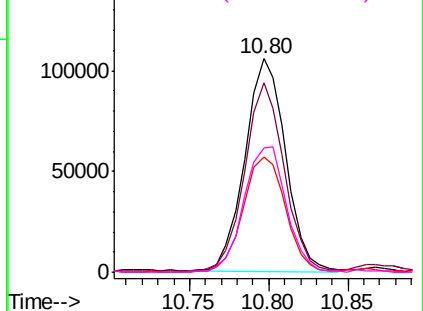
#55
 1,1,2-Trichloroethane
 Concen: 50.461 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	189234
Ion	Ratio	Lower	Upper
97	100		
83	88.4	64.2	96.2
85	54.2	41.9	62.9
99	58.3	47.5	71.3

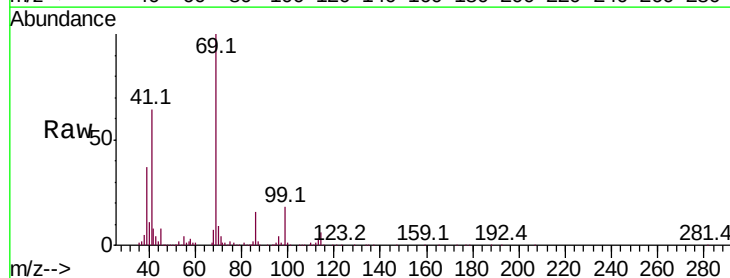


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

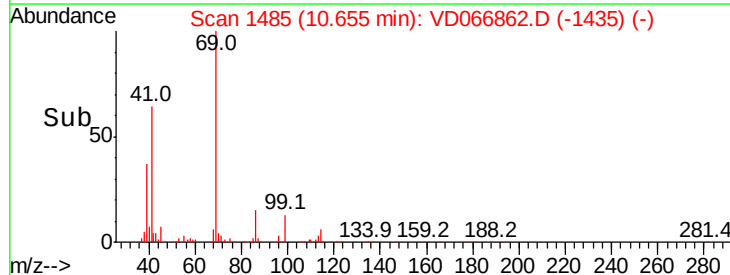
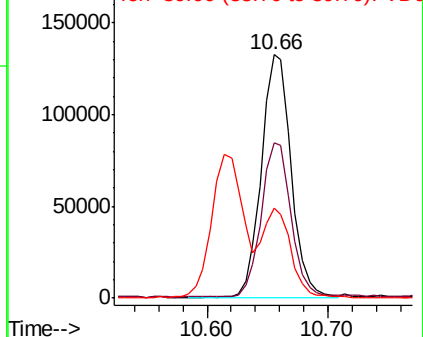


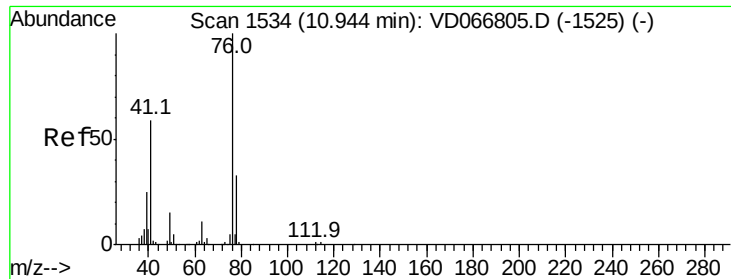
#56
 Ethyl methacrylate
 Concen: 56.666 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion:	69	Resp:	227648
Ion	Ratio	Lower	Upper
69	100		
41	63.0	52.2	78.2
39	36.2	26.6	40.0



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: 51.682 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

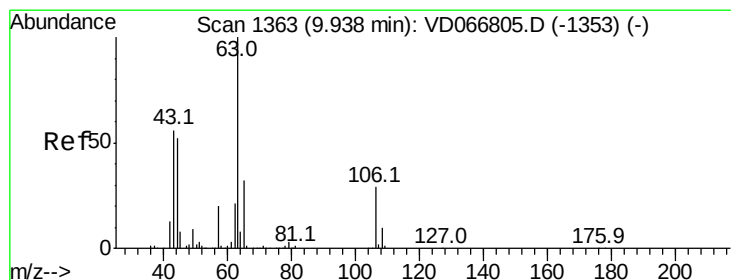
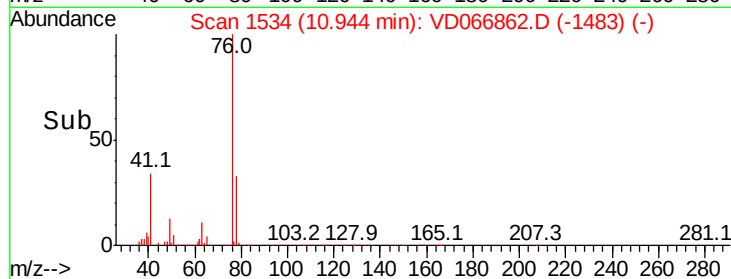
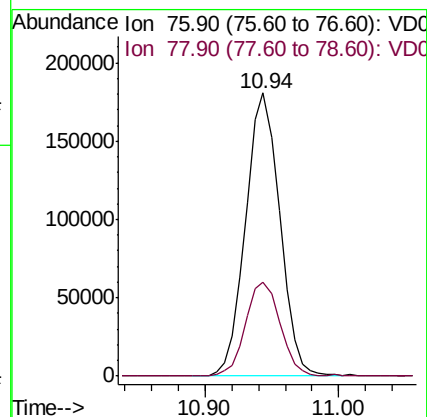
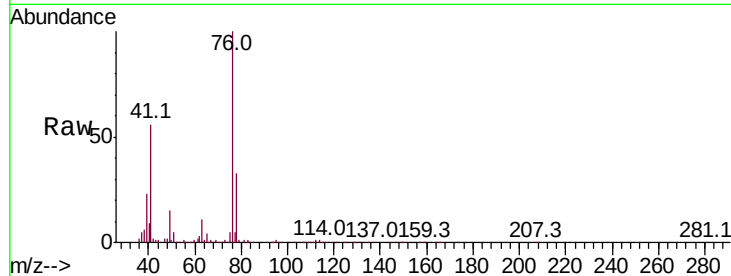
VSTDCCC050EC

Tot Ion: 76 Resp: 320030

Ion Ratio Lower Upper

76 100

78 33.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 239.817 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066862.D

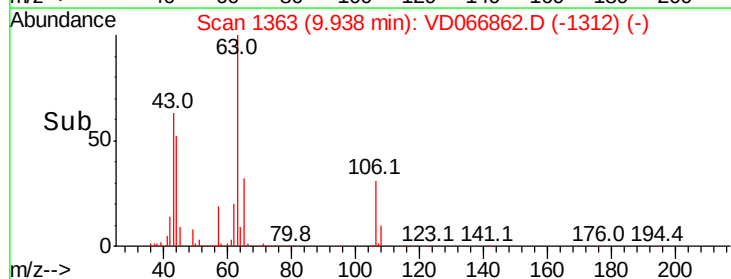
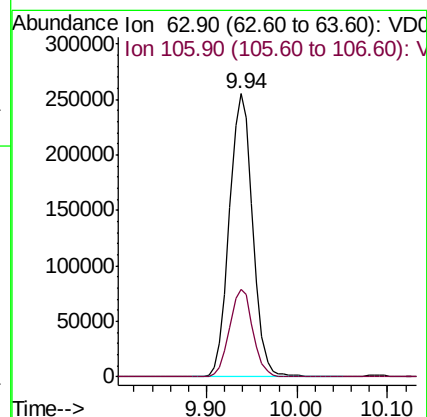
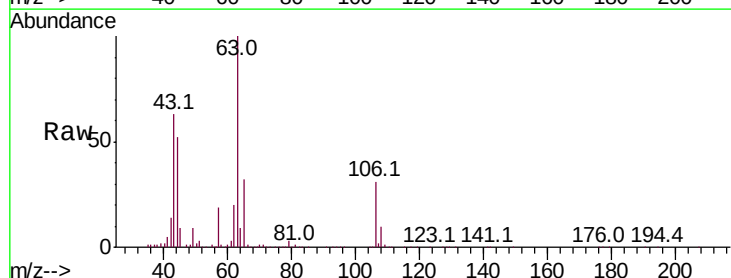
Acq: 24 Sep 2020 20:17

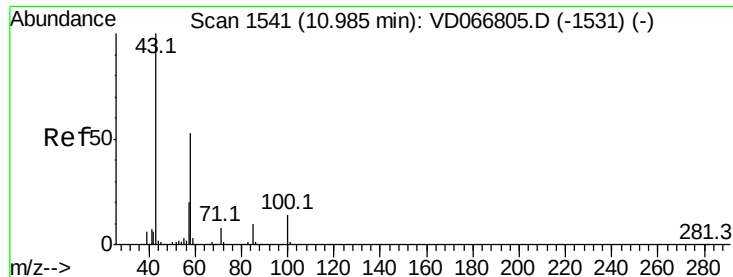
Tgt Ion: 63 Resp: 456180

Ion Ratio Lower Upper

63 100

106 31.1 23.8 35.6

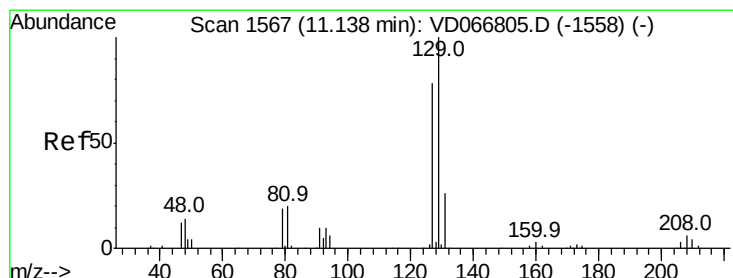
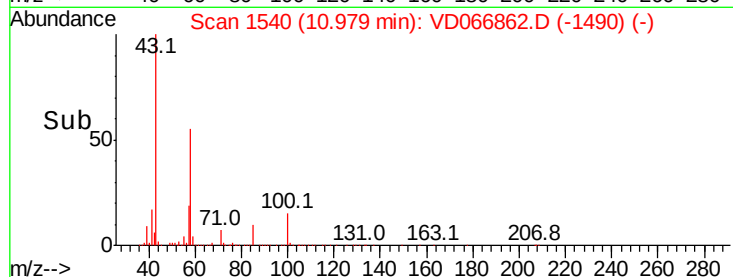
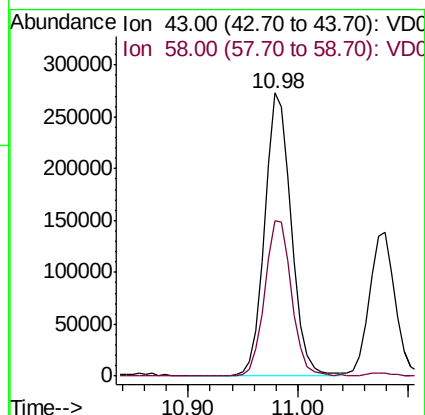
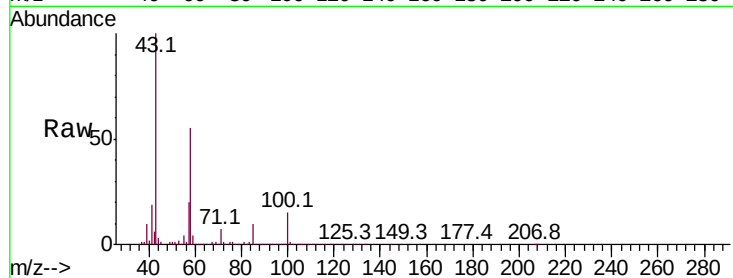




#59
2-Hexanone
Concen: 269.217 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

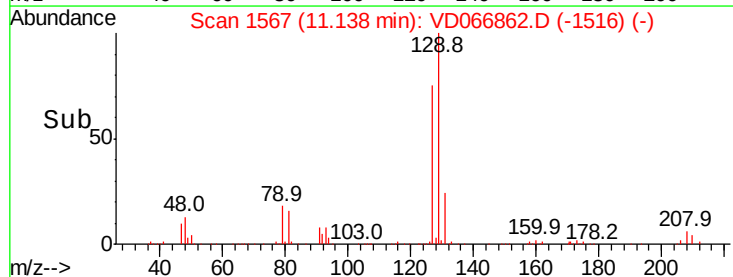
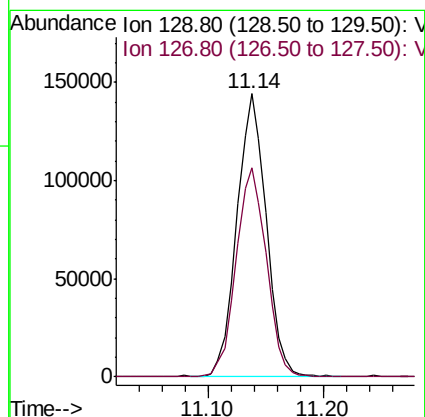
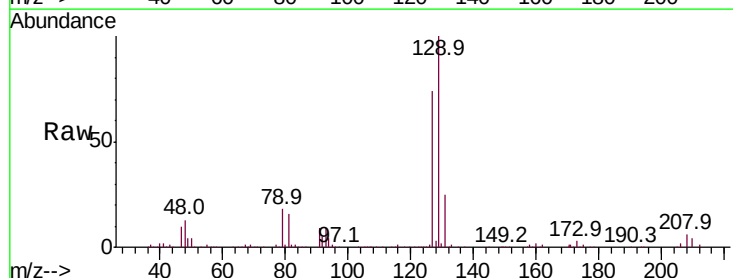
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

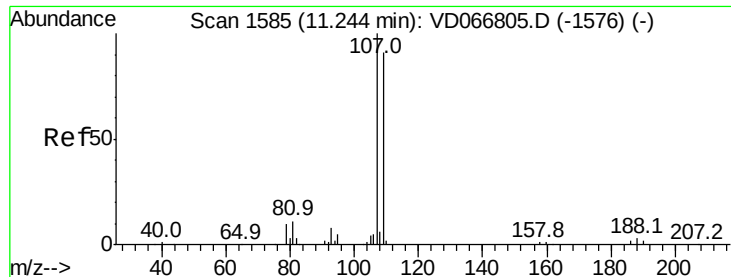
Tot Ion: 43 Resp: 459086
Ion Ratio Lower Upper
43 100
58 55.9 27.0 80.8



#60
Dibromochloromethane
Concen: 51.583 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 129 Resp: 252463
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

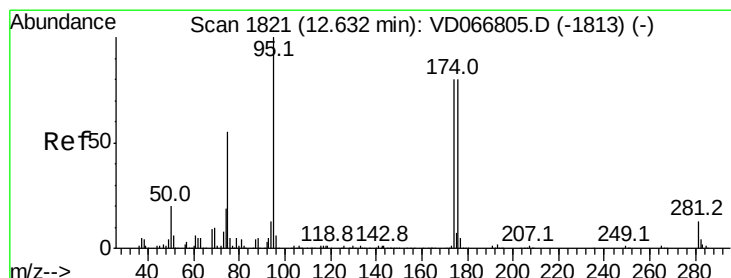
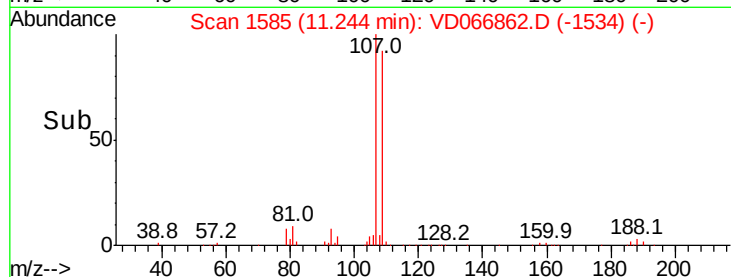
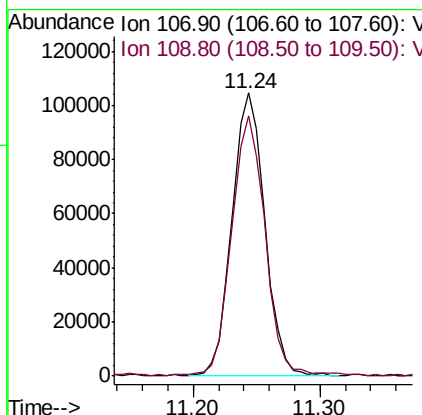
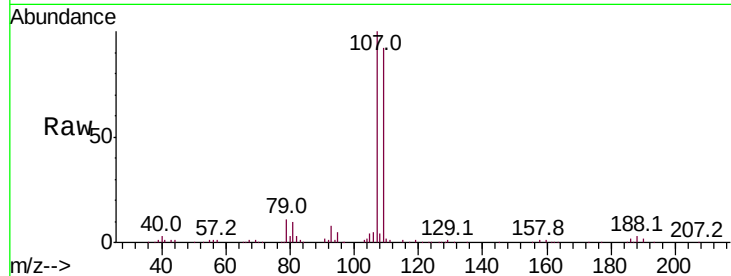




#61
 1,2-Dibromoethane
 Concen: 53.598 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

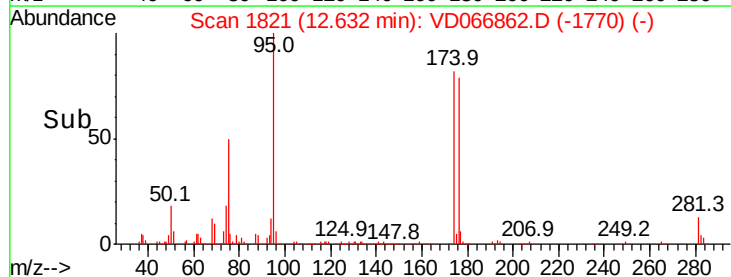
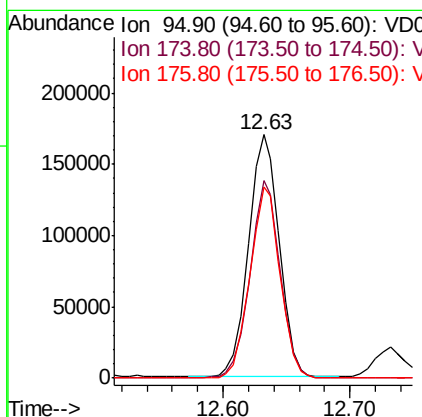
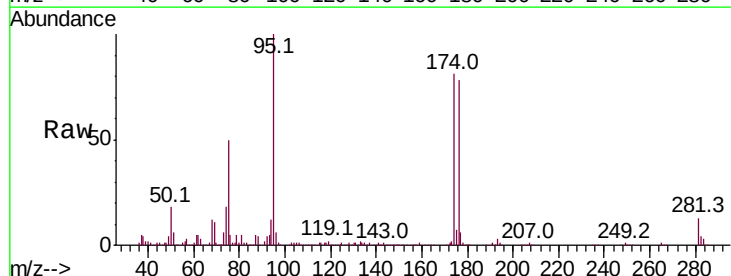
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

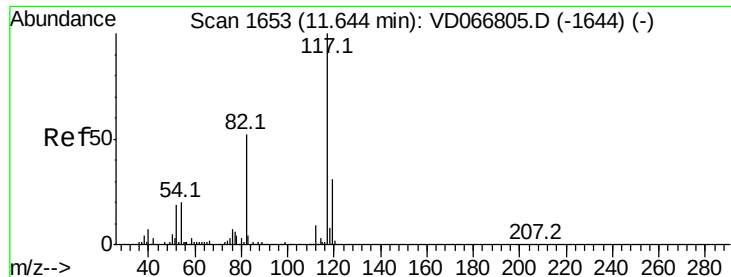
Tot Ion:107 Resp: 186952
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 53.309 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 95 Resp: 285504
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 159.8
 176 77.7 0.0 154.4

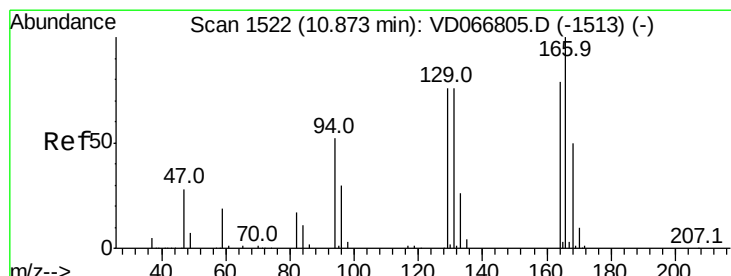
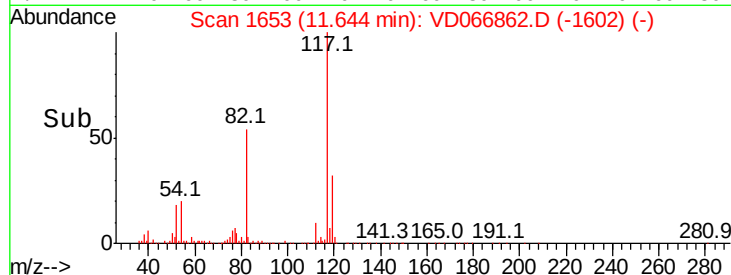
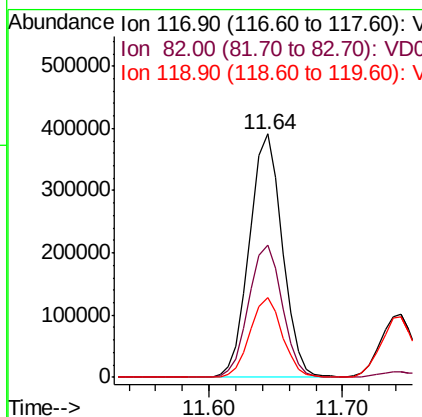
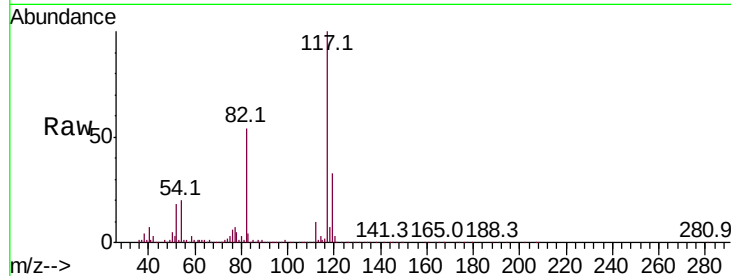




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

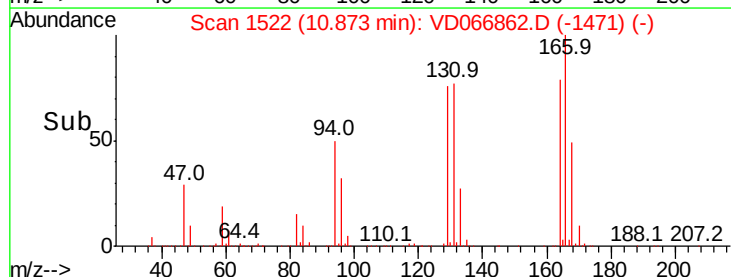
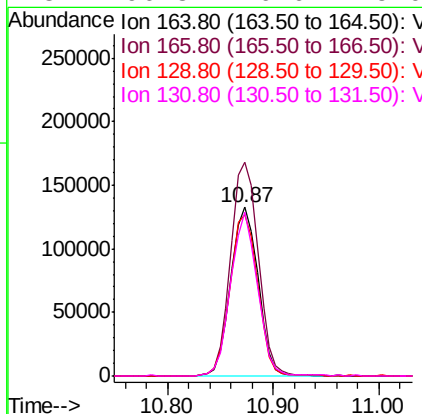
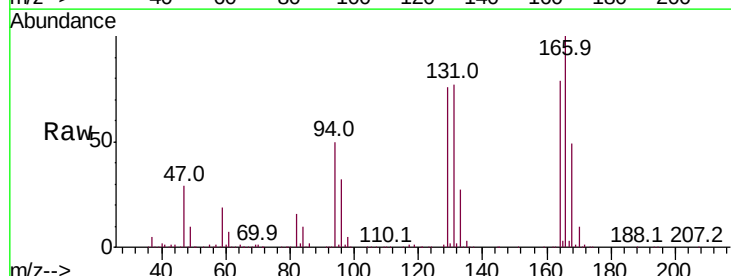
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

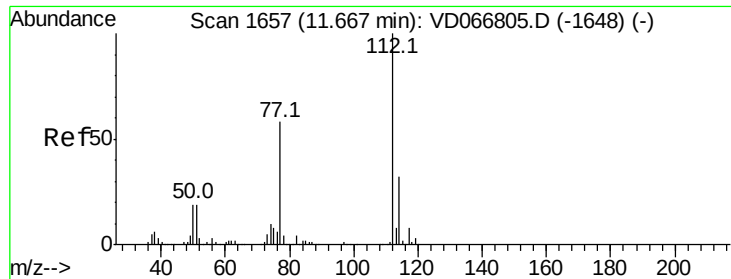
Tot Ion:117 Resp: 664787
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.6
119 32.5 24.6 37.0



#64
Tetrachloroethene
Concen: 49.822 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion:164 Resp: 238246
Ion Ratio Lower Upper
164 100
166 126.6 101.1 151.7
129 95.9 77.0 115.4
131 96.8 76.6 115.0

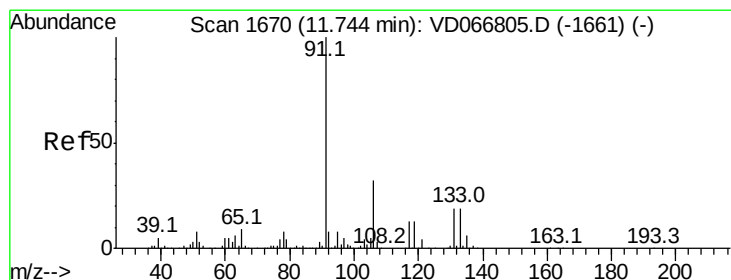
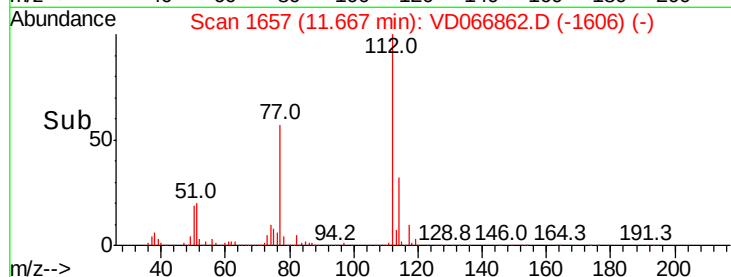
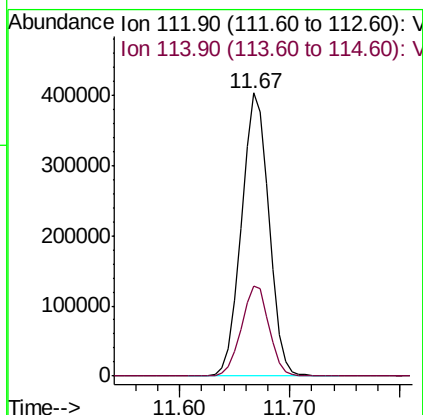
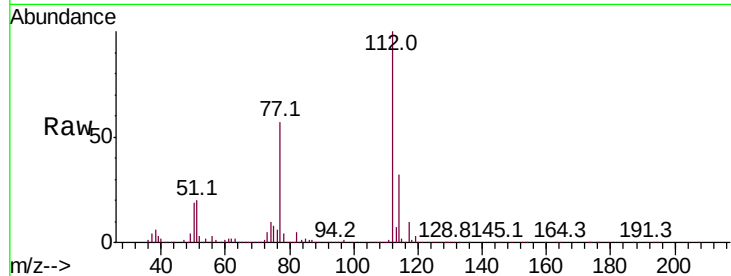




#65
Chlorobenzene
Concen: 50.986 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

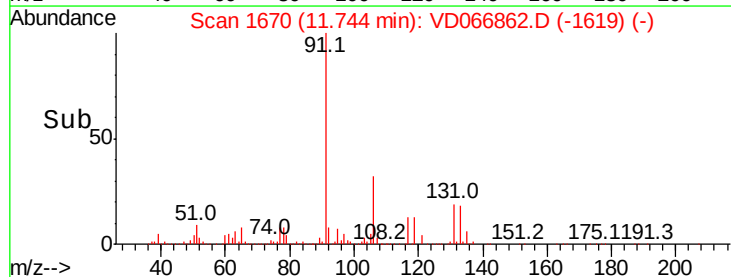
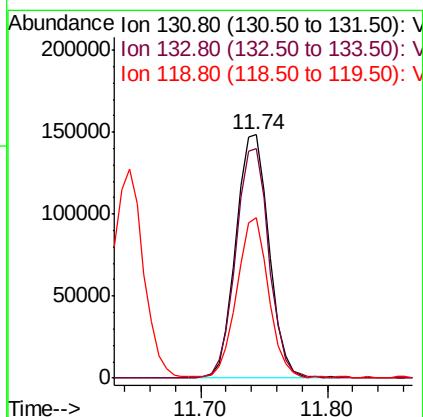
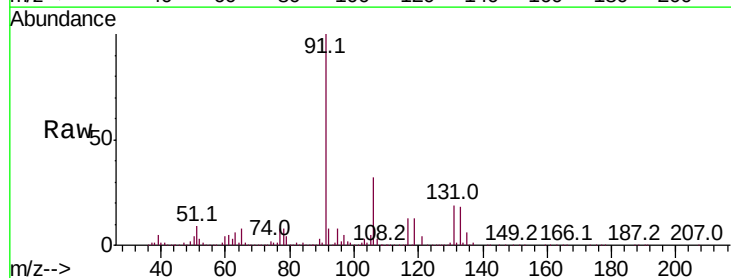
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

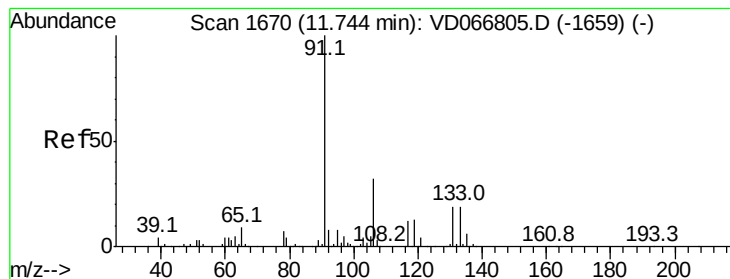
Tot Ion:112 Resp: 705538
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.166 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion:131 Resp: 267977
Ion Ratio Lower Upper
131 100
133 94.9 46.7 140.1
119 63.1 32.3 96.9





#67

Ethyl Benzene

Concen: 51.733 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

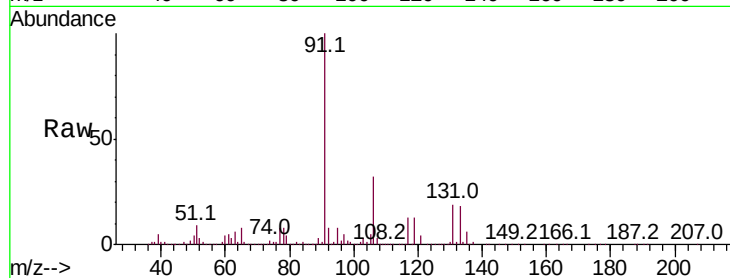
VSTDCCC050EC

Tot Ion: 91 Resp: 1257300

Ion Ratio Lower Upper

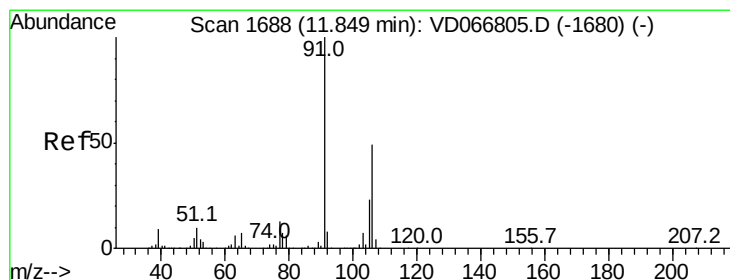
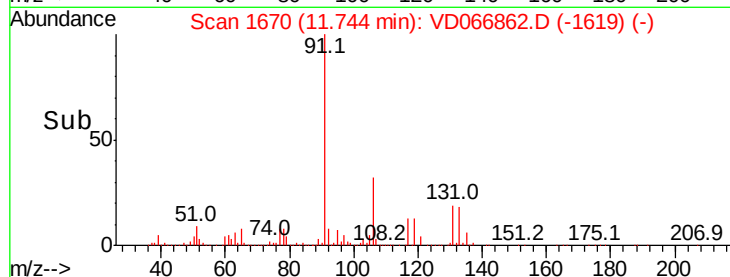
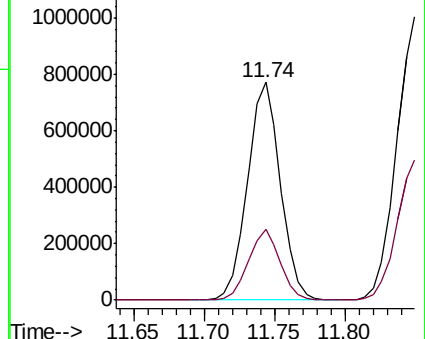
91 100

106 32.3 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 104.341 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066862.D

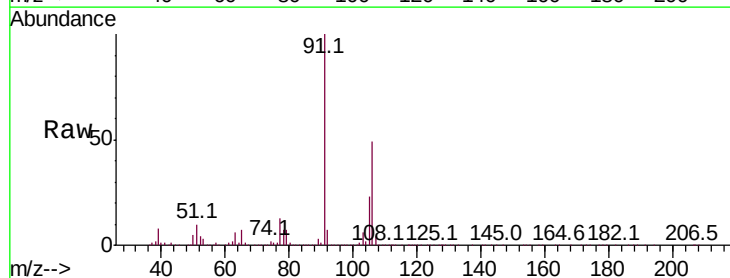
Acq: 24 Sep 2020 20:17

Tgt Ion:106 Resp: 960119

Ion Ratio Lower Upper

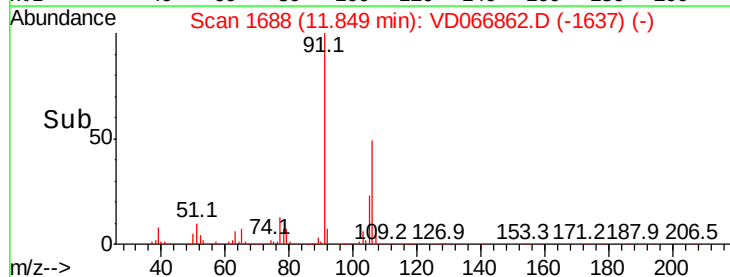
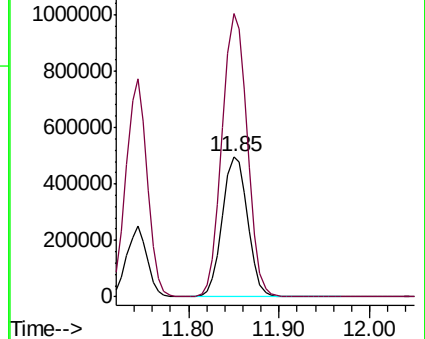
106 100

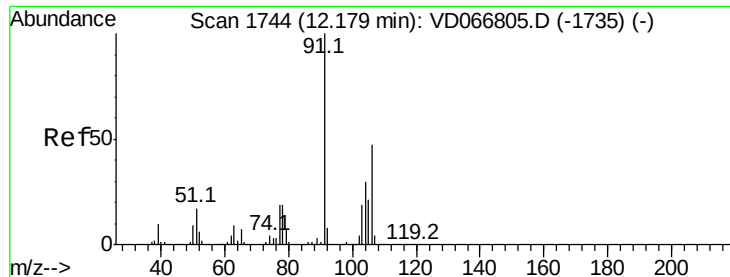
91 201.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

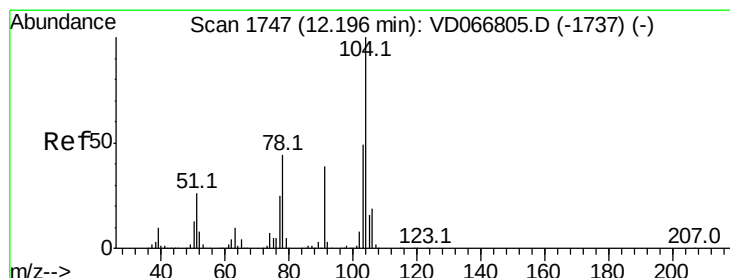
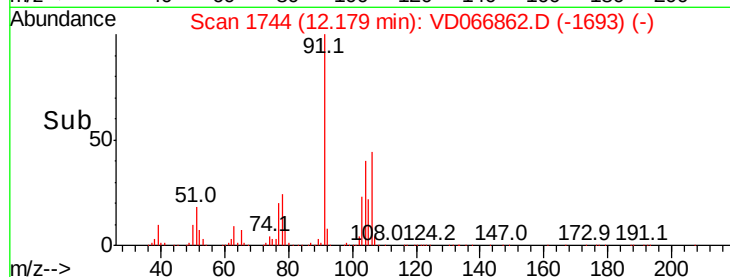
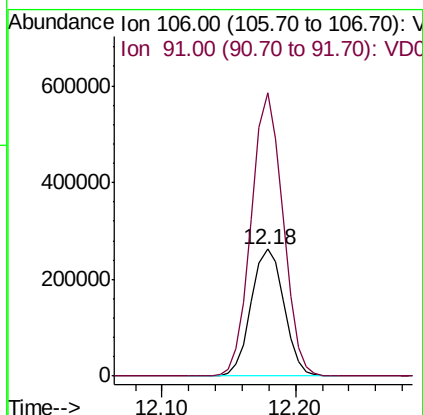
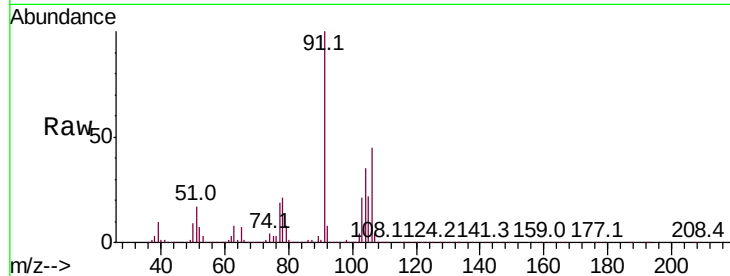




#69
o-Xylene
Concen: 53.590 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

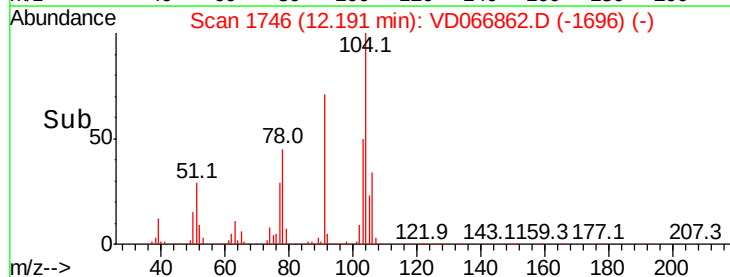
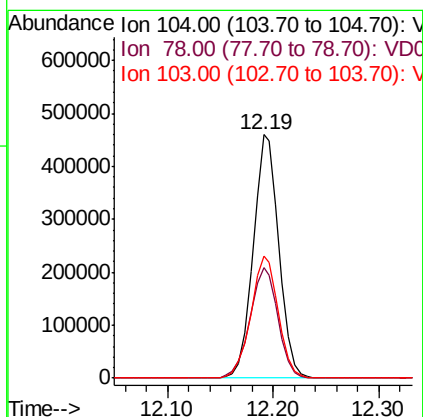
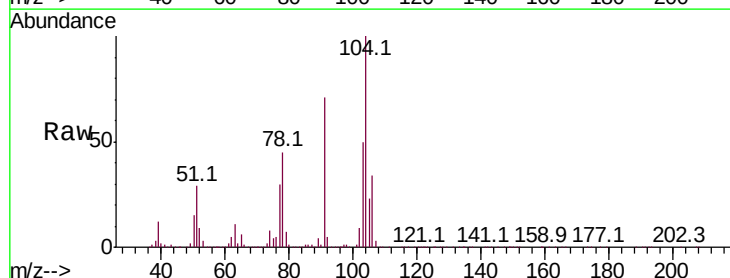
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

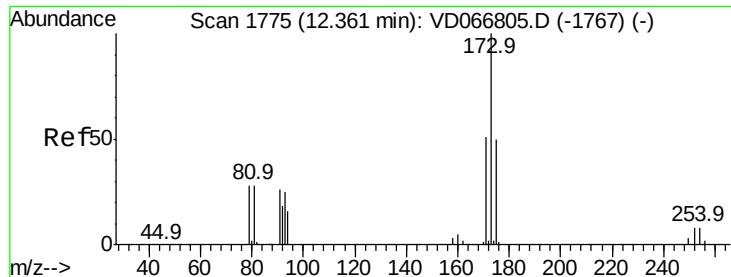
Tot Ion:106 Resp: 445896
Ion Ratio Lower Upper
106 100
91 214.7 106.3 318.8



#70
Styrene
Concen: 53.719 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion:104 Resp: 776210
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 53.7 43.2 64.8





#71

Bromoform

Concen: 53.061 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

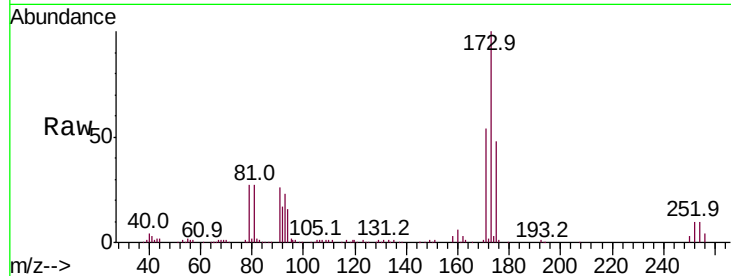
Tot Ion:173 Resp: 140704

Ion Ratio Lower Upper

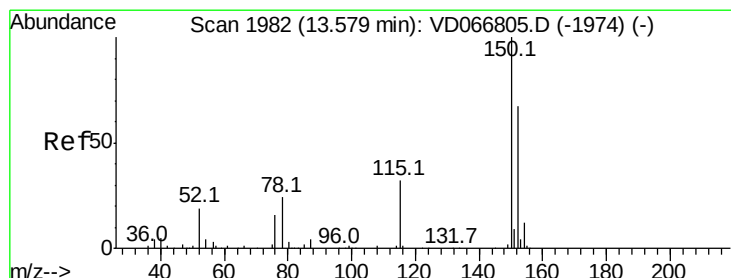
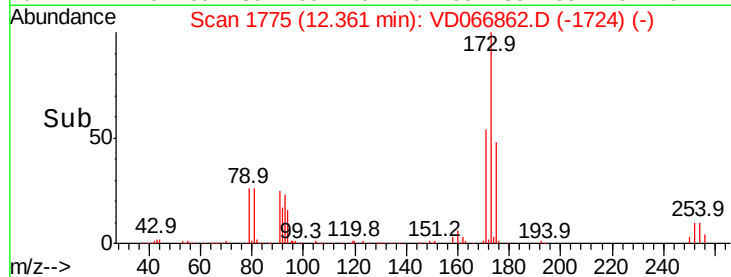
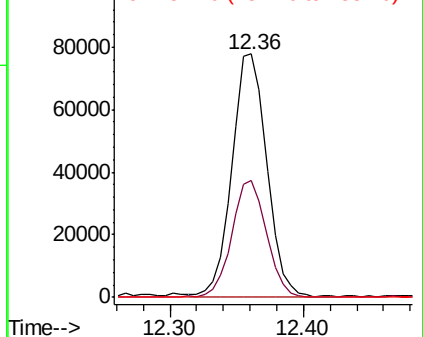
173 100

175 48.2 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

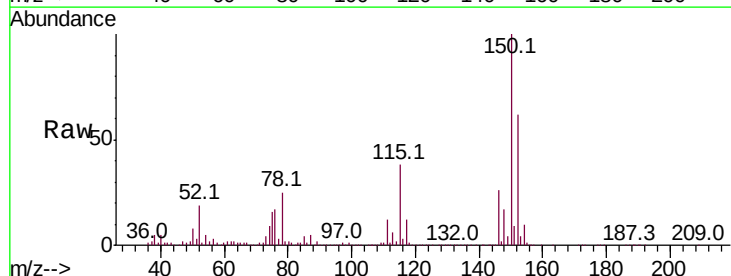
Tgt Ion:152 Resp: 309026

Ion Ratio Lower Upper

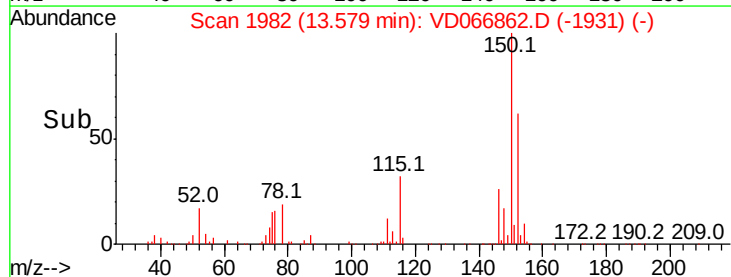
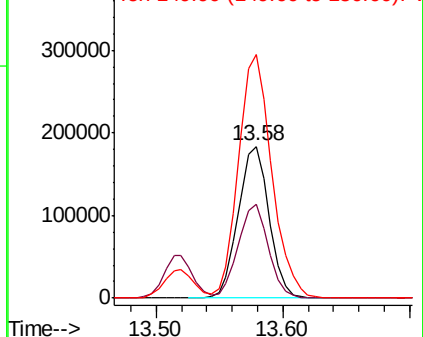
152 100

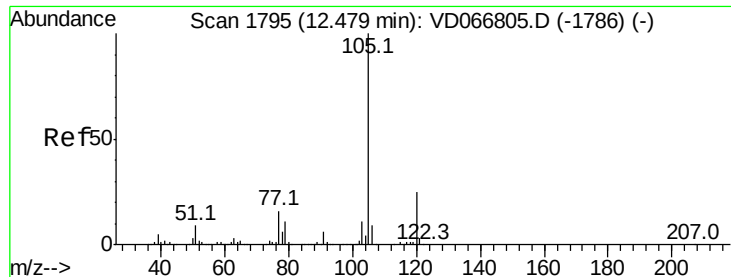
115 60.4 30.3 91.0

150 172.8 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.872 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

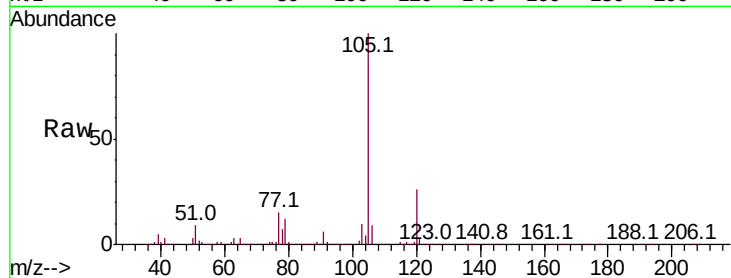
VSTDCCC050EC

Tot Ion:105 Resp: 1202633

Ion Ratio Lower Upper

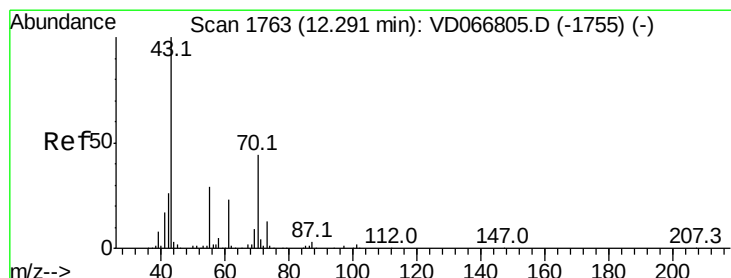
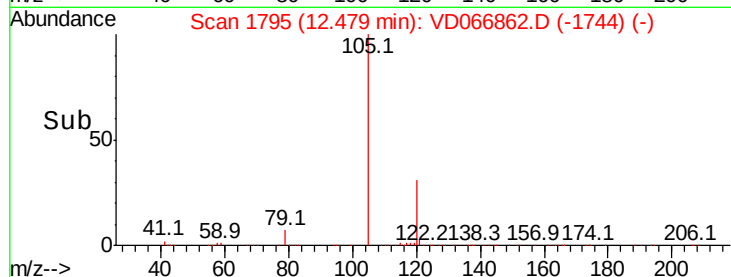
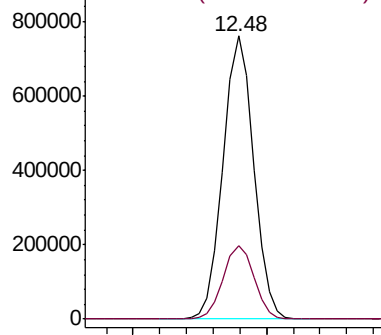
105 100

120 26.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.708 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Tgt Ion: 43 Resp: 242861

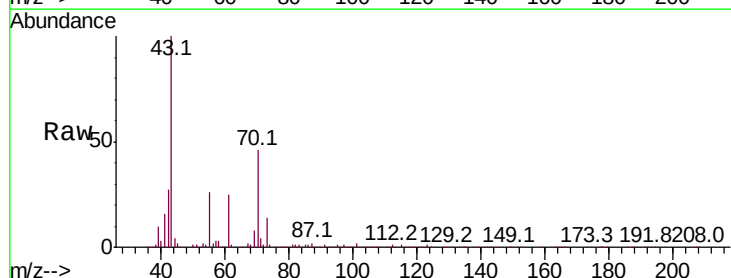
Ion Ratio Lower Upper

43 100

70 46.6 36.1 54.1

55 26.5 21.8 32.8

61 25.4 19.0 28.4

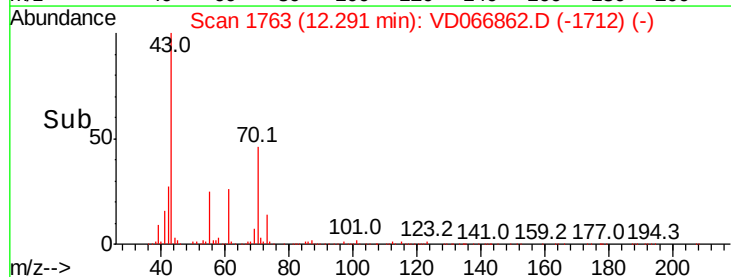
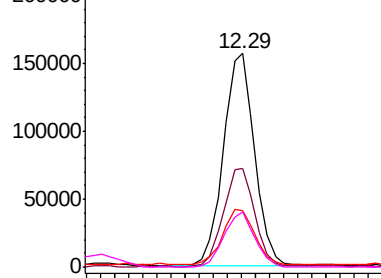


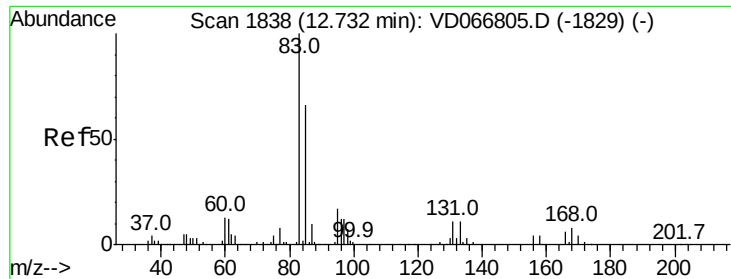
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 53.815 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

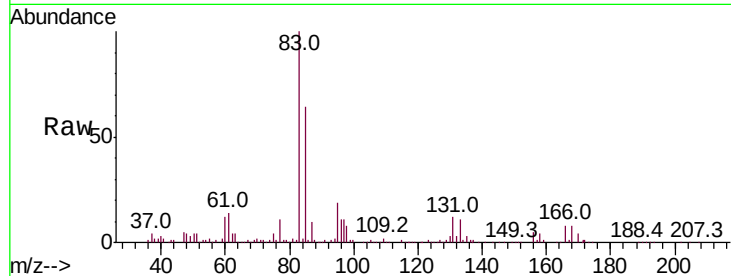
Tot Ion: 83 Resp: 207303

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

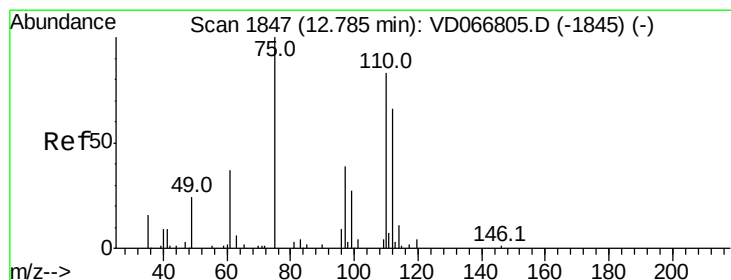
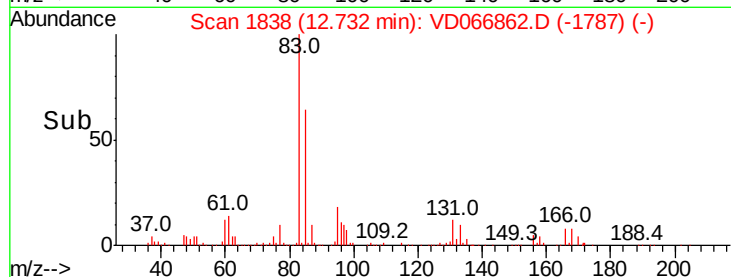
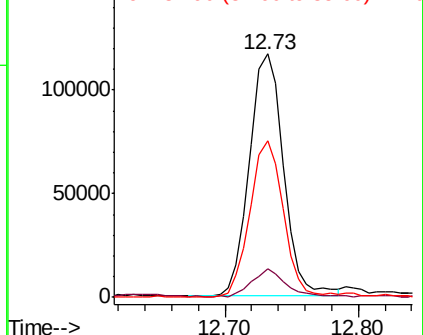
85 63.8 32.1 96.5



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: 101.512 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066862.D

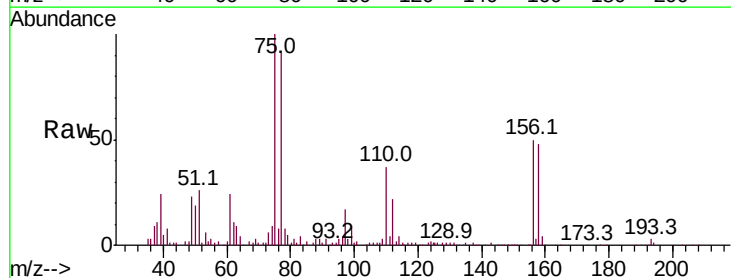
Acq: 24 Sep 2020 20:17

Tgt Ion: 75 Resp: 259969

Ion Ratio Lower Upper

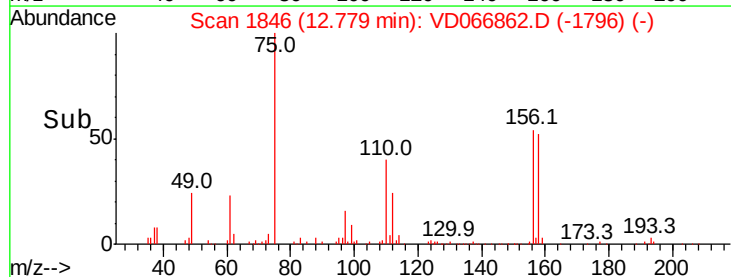
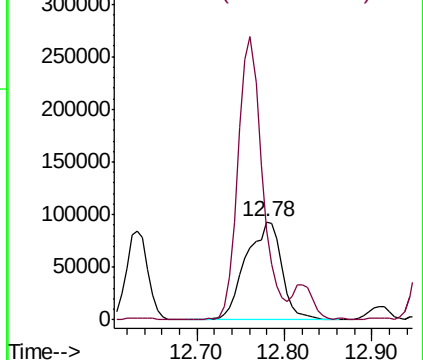
75 100

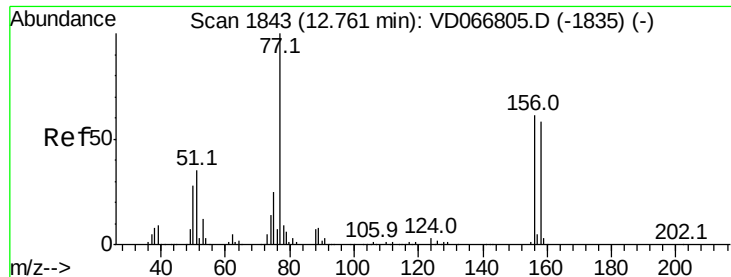
77 193.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

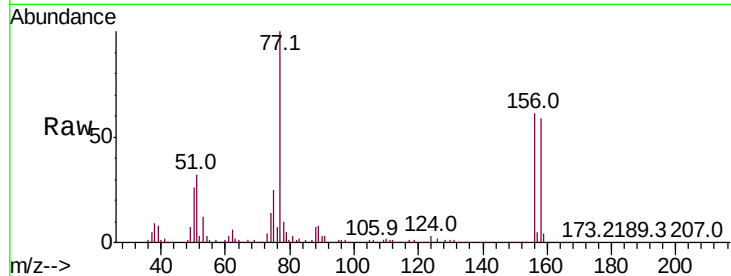




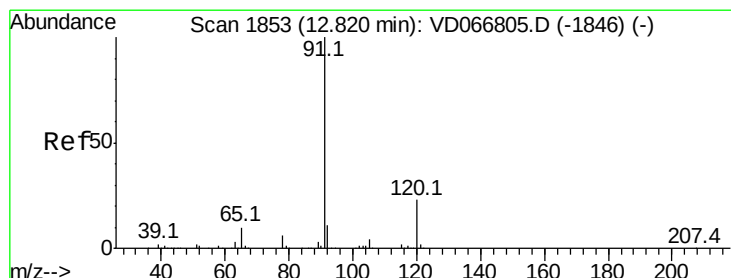
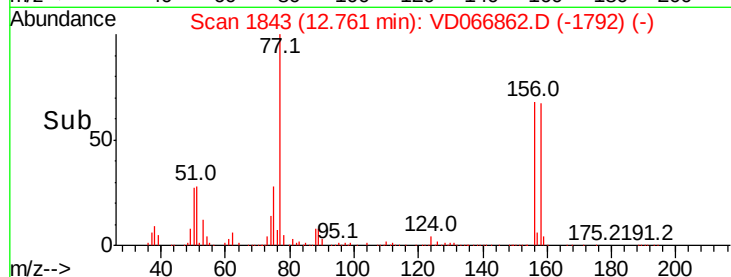
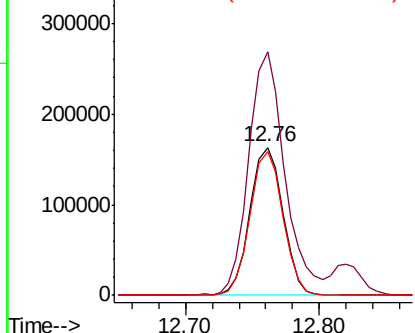
#77
Bromobenzene
Concen: 53.483 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 279242
Ion Ratio Lower Upper
156 100
77 180.1 92.3 276.9
158 96.6 47.6 142.9

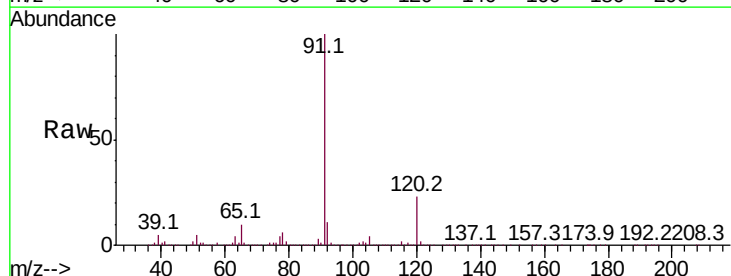


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

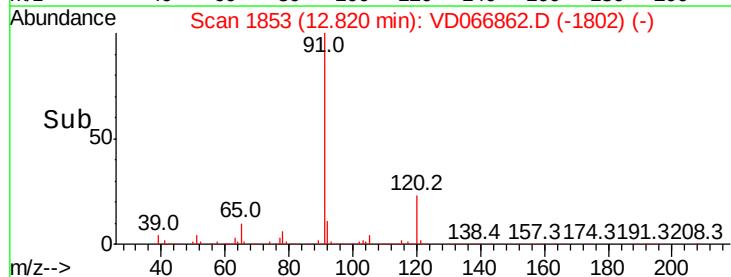
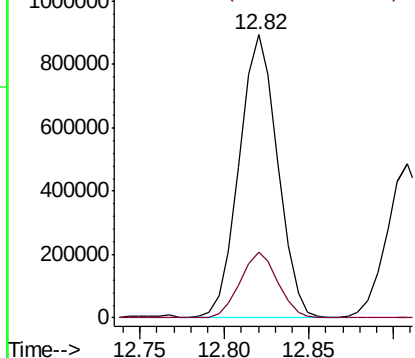


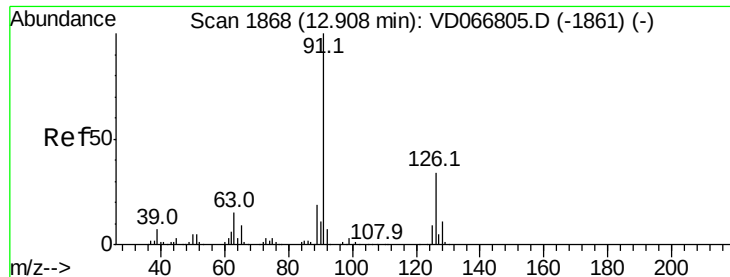
#78
n-propylbenzene
Concen: 52.462 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 91 Resp: 1408964
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.695 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

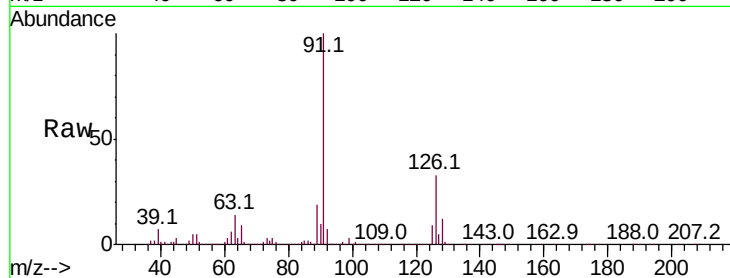
VSTDCCC050EC

Tot Ion: 91 Resp: 791162

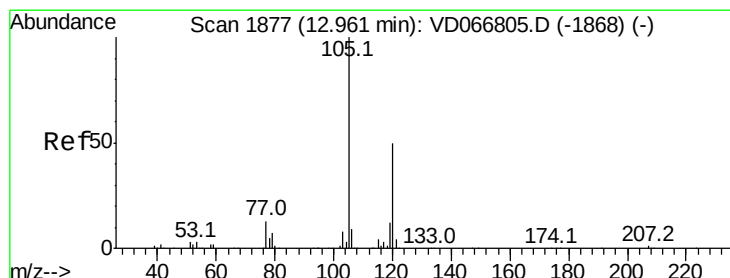
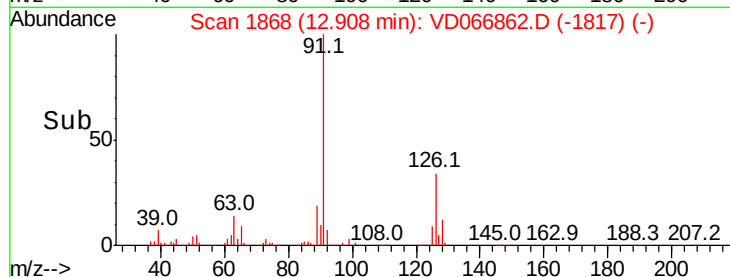
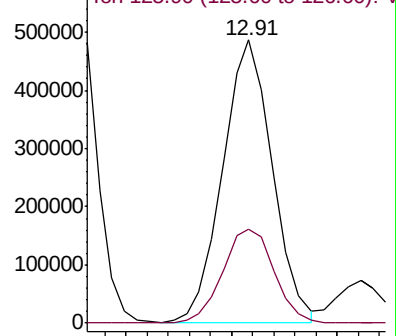
Ion Ratio Lower Upper

91 100

126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.305 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066862.D

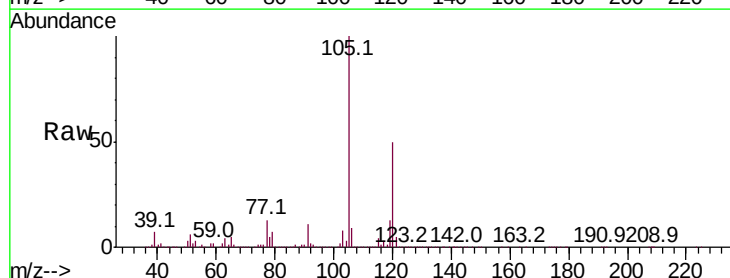
Acq: 24 Sep 2020 20:17

Tgt Ion:105 Resp: 1009708

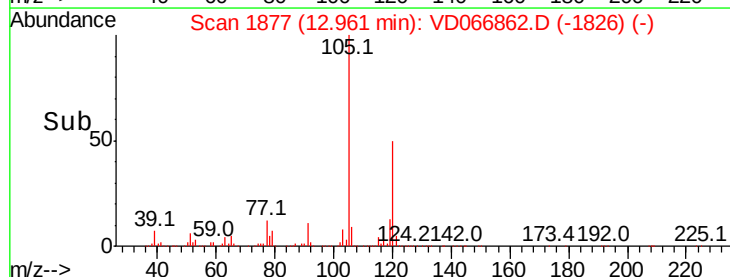
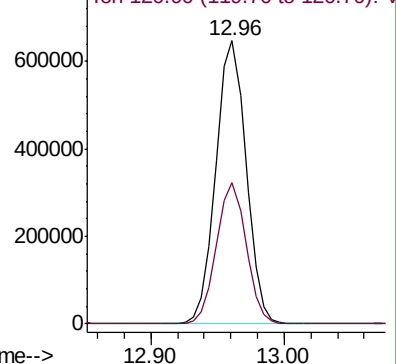
Ion Ratio Lower Upper

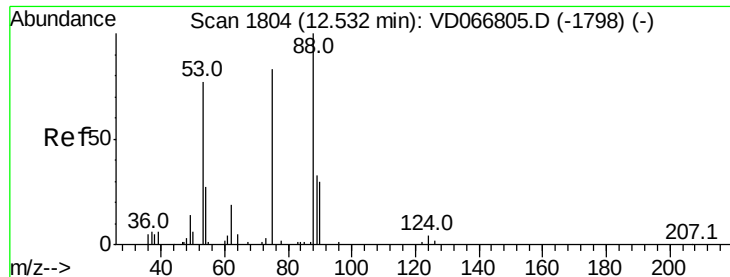
105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.764 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

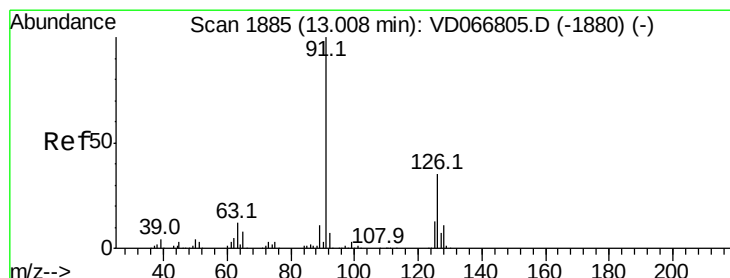
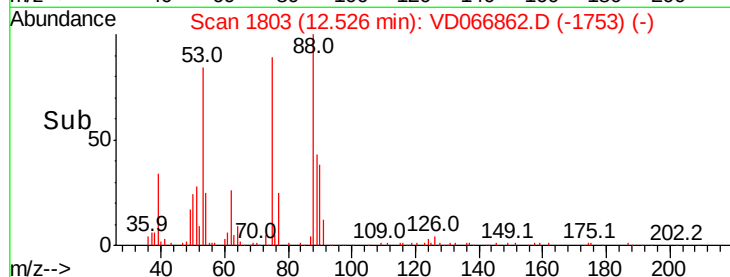
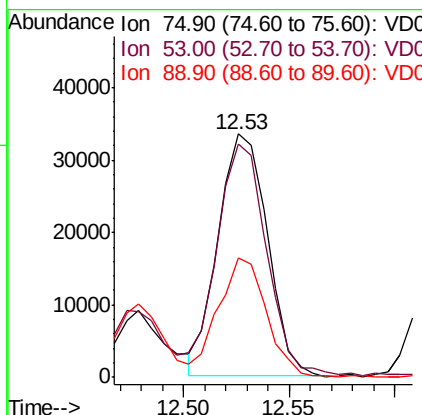
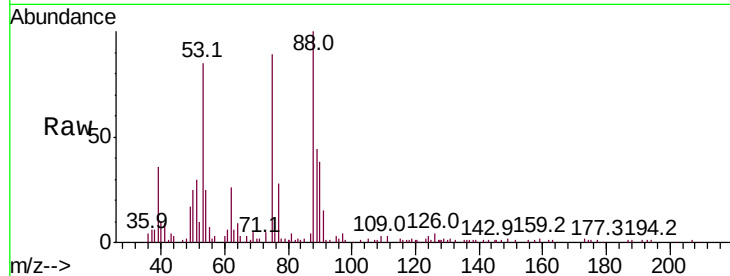
Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 54009

Ion	Ratio	Lower	Upper
75	100		
53	97.2	78.5	117.7
89	48.4	38.1	57.1



#82

4-Chlorotoluene

Concen: 52.356 ug/l

RT: 13.01 min Scan# 1885

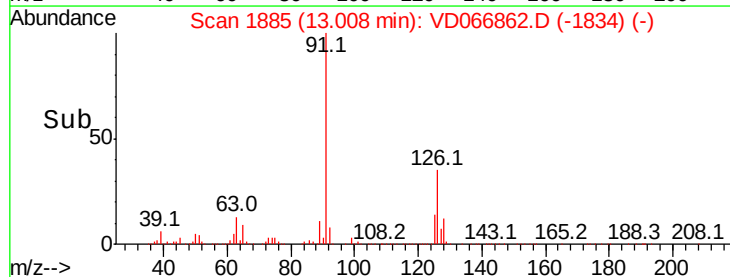
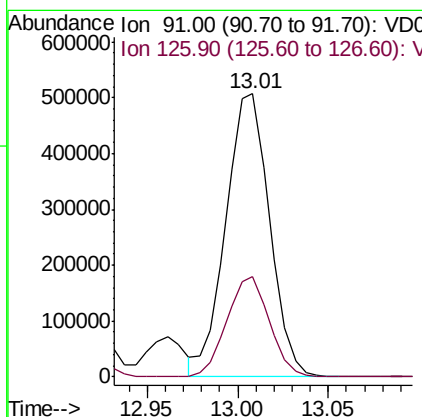
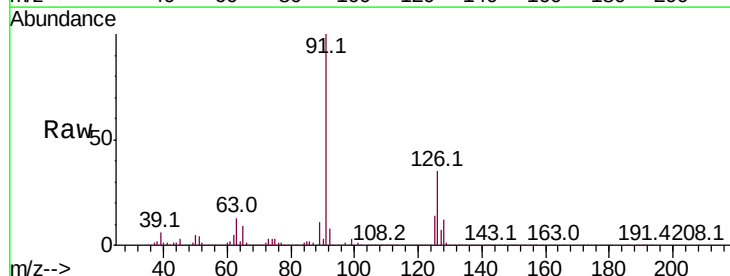
Delta R.T. 0.00 min

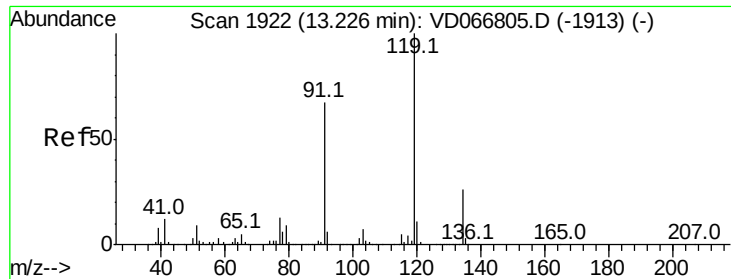
Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Tgt Ion: 91 Resp: 844657

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.1	51.2

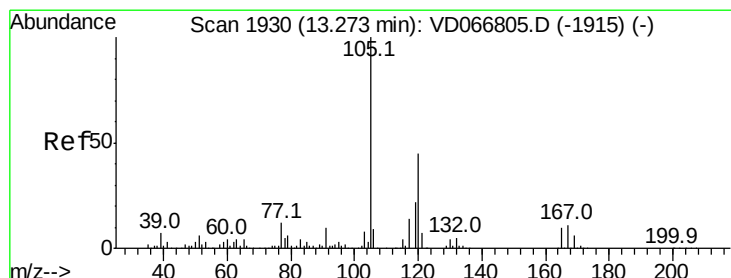
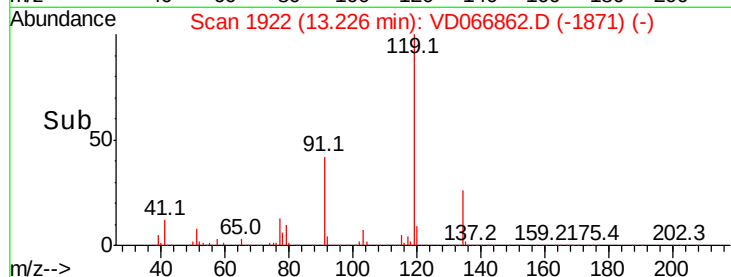
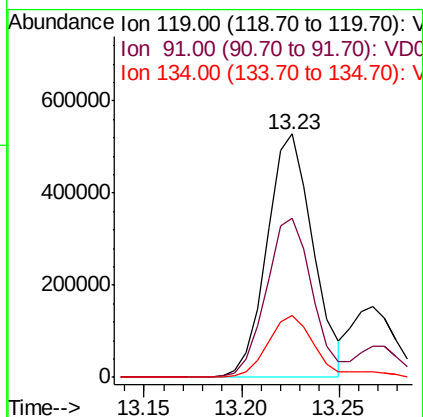
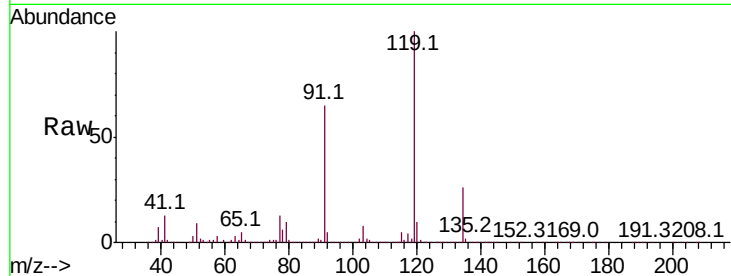




#83
 tert-Butylbenzene
 Concen: 55.393 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

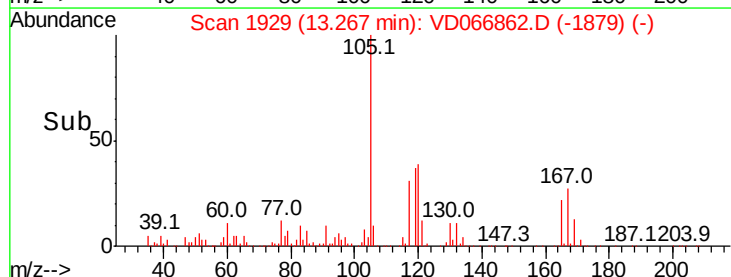
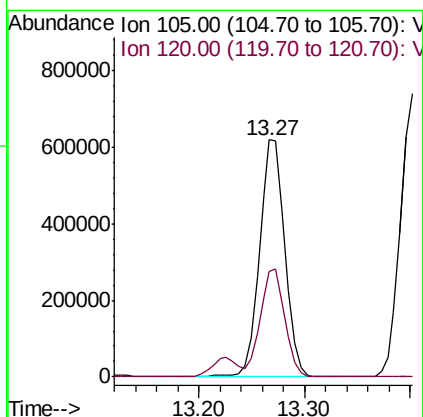
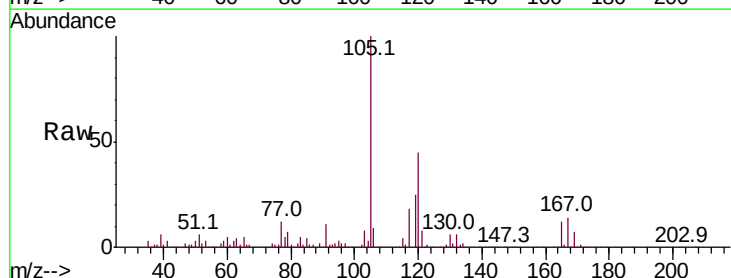
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

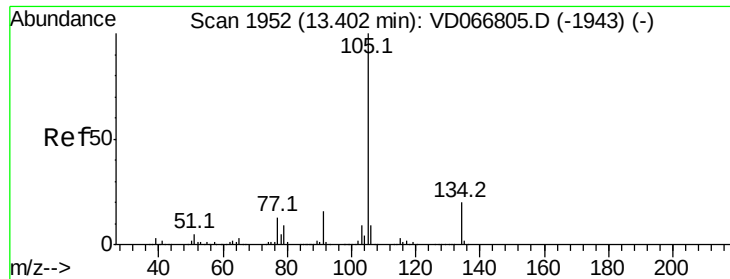
Tot Ion:119 Resp: 862200
 Ion Ratio Lower Upper
 119 100
 91 65.1 33.6 100.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.677 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion:105 Resp: 1027022
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.271 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

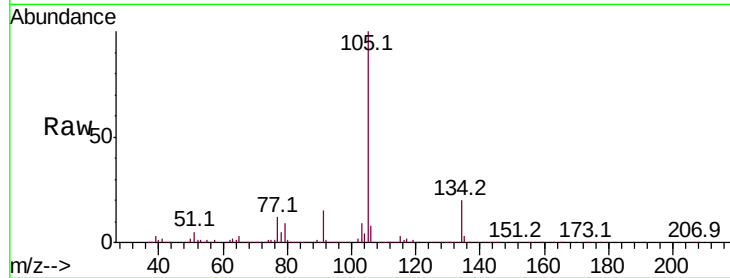
VSTDCCC050EC

Tot Ion:105 Resp: 1169988

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

800000

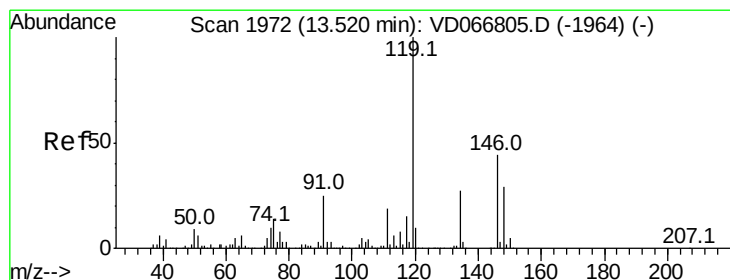
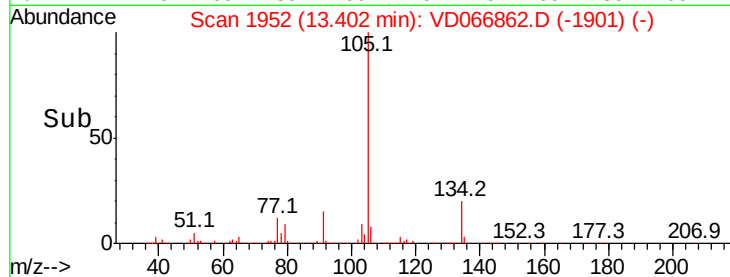
600000

400000

200000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 53.432 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066862.D

Acq: 24 Sep 2020 20:17

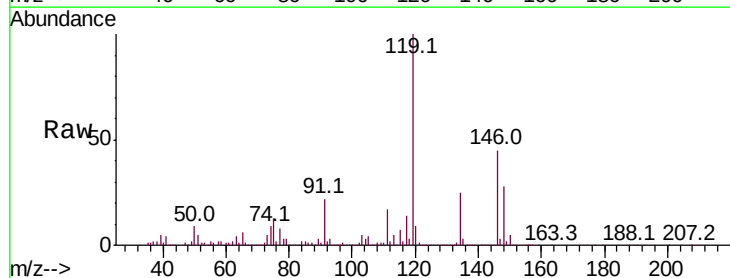
Tgt Ion:119 Resp: 1078027

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

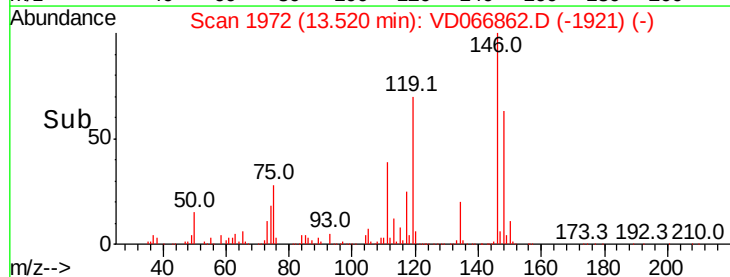
600000

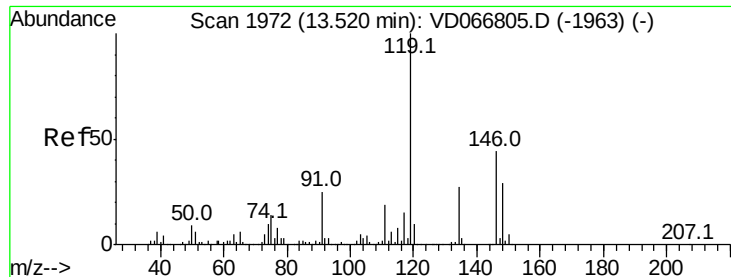
400000

200000

0

Time--> 13.45 13.50 13.55

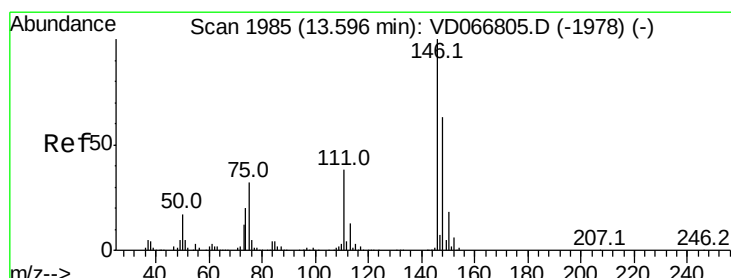
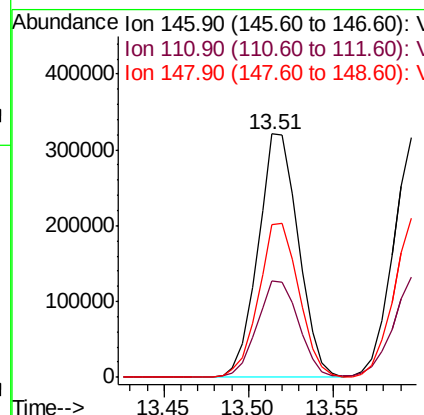
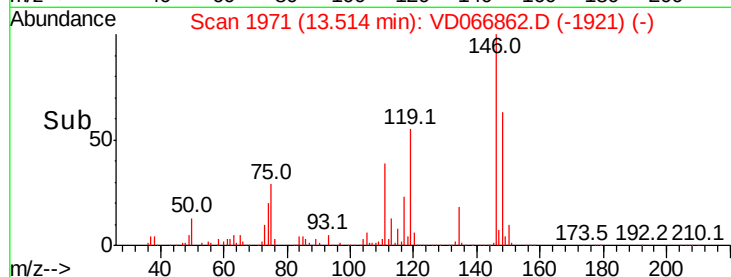
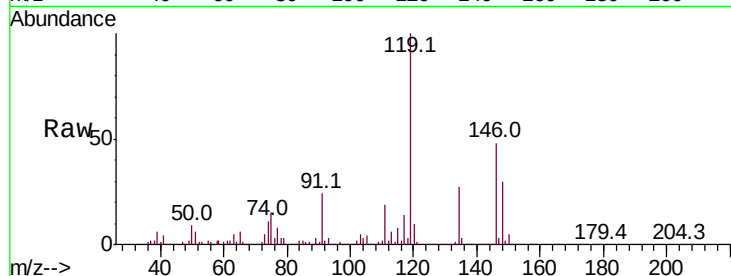




#87
 1,3-Dichlorobenzene
 Concen: 51.556 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

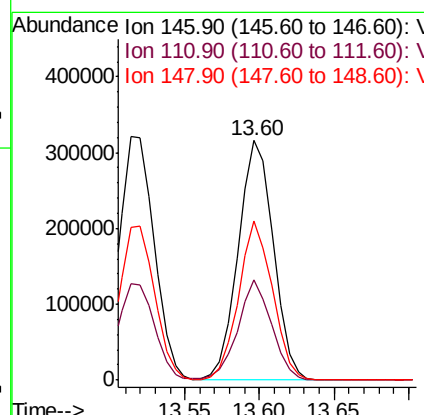
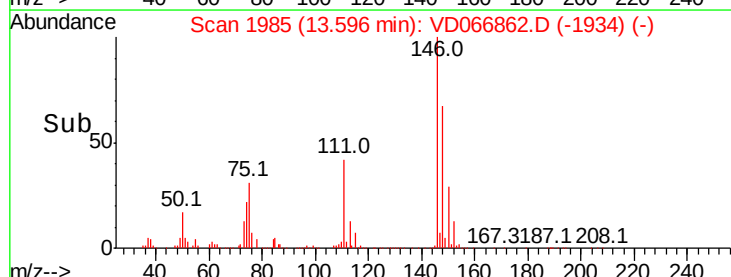
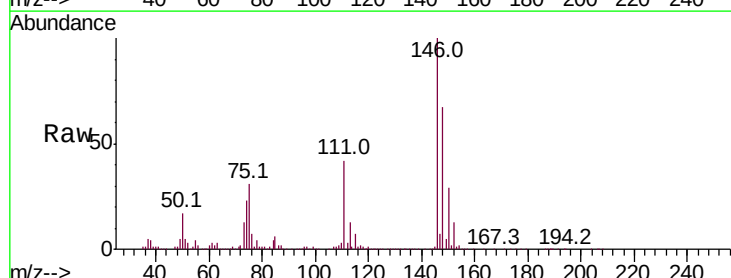
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

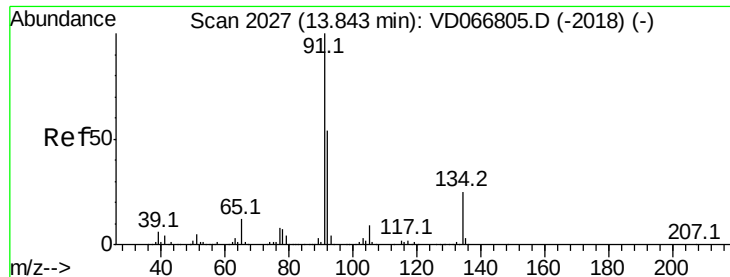
Tot Ion:146 Resp: 531798
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.733 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion:146 Resp: 519760
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.2 60.5
 148 64.0 31.6 94.7

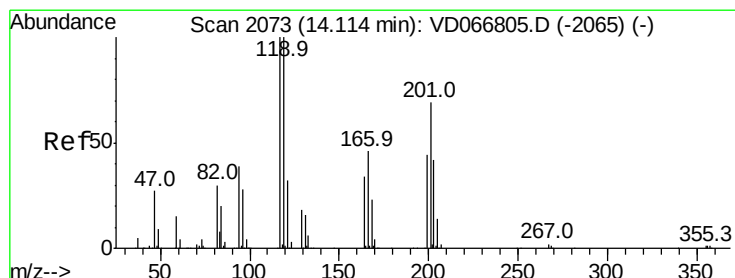
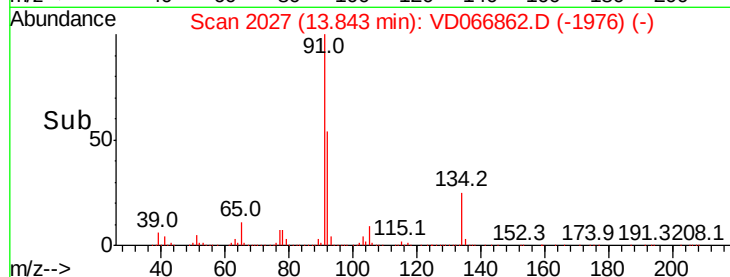
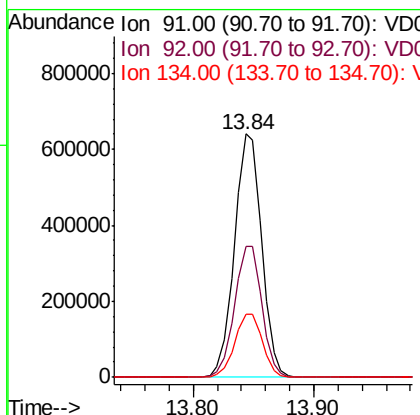
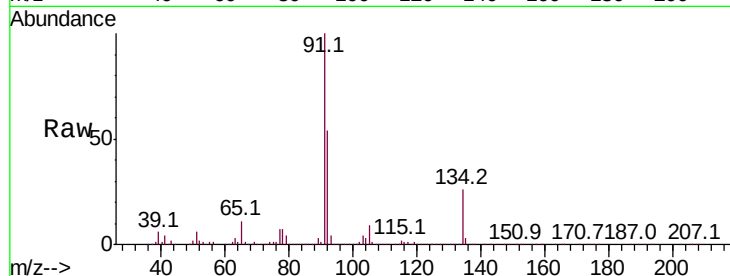




#89
n-Butylbenzene
Concen: 52.312 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

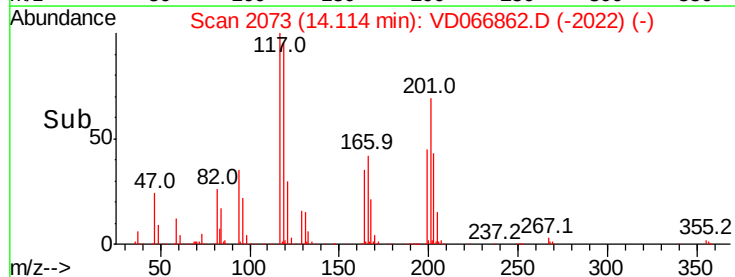
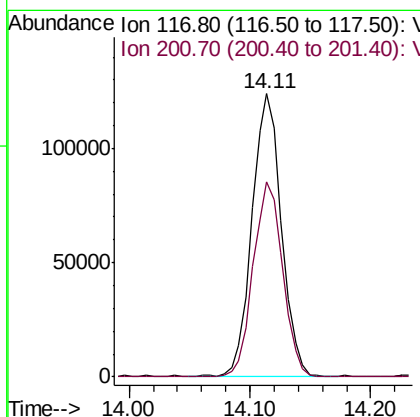
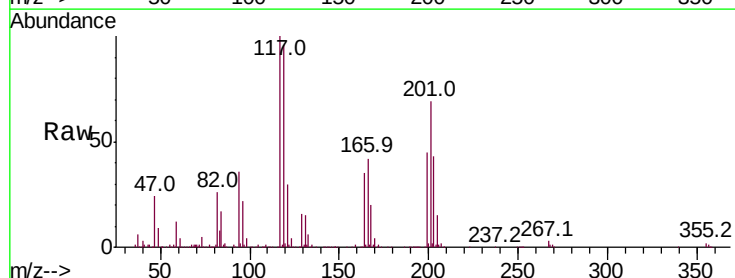
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

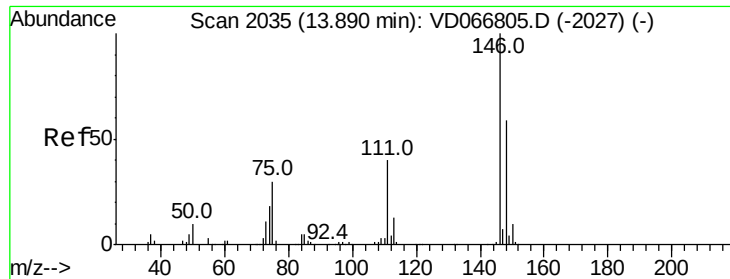
Tot Ion: 91 Resp: 1003176
Ion Ratio Lower Upper
91 100
92 54.4 26.7 80.0
134 26.5 13.1 39.1



#90
Hexachloroethane
Concen: 50.765 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion: 117 Resp: 207937
Ion Ratio Lower Upper
117 100
201 69.5 33.7 101.0

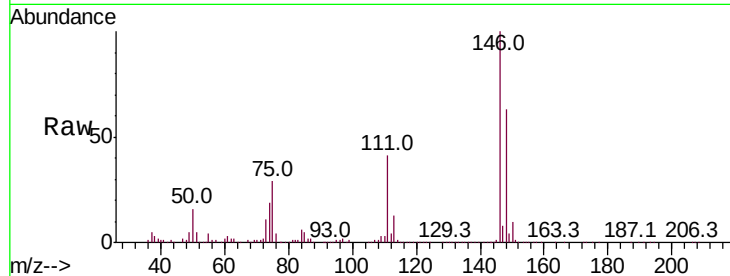




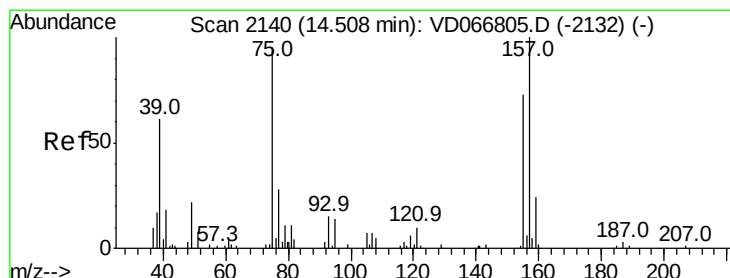
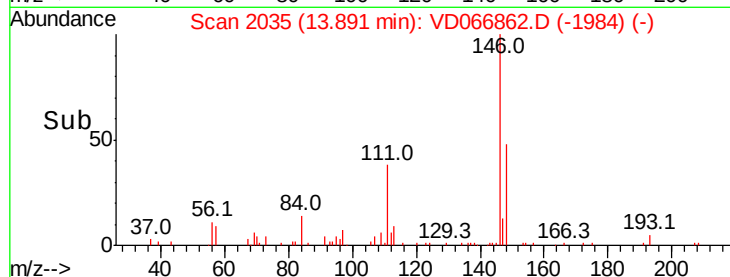
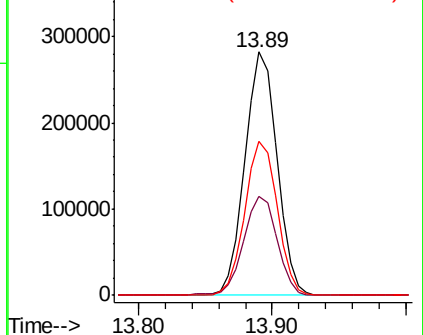
#91
 1,2-Dichlorobenzene
 Concen: 53.127 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 468841
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.9 62.7
 148 63.9 31.8 95.3

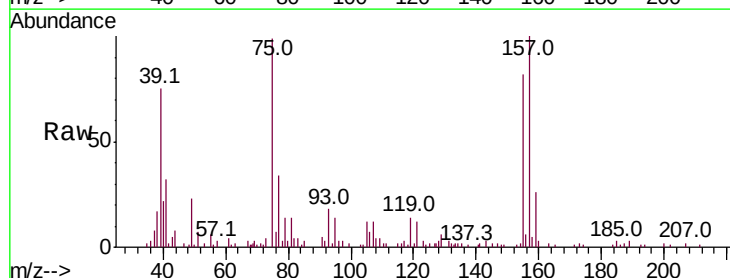


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

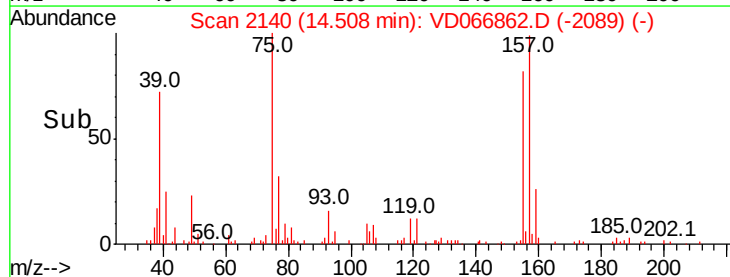
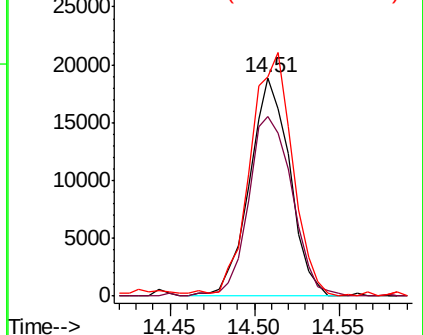


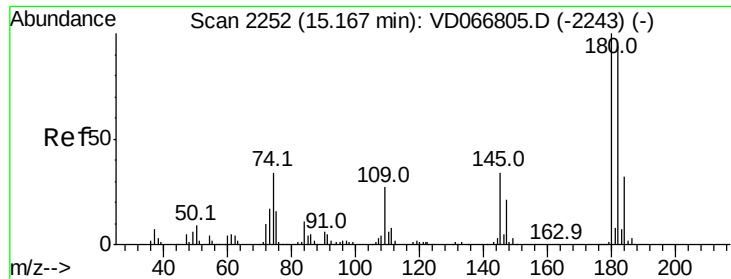
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.299 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion: 75 Resp: 31169
 Ion Ratio Lower Upper
 75 100
 155 89.5 40.4 121.2
 157 117.0 51.3 153.9



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

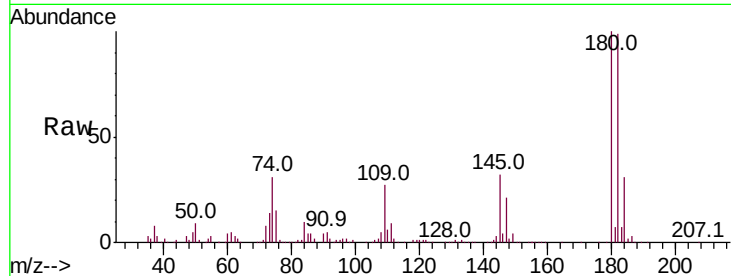




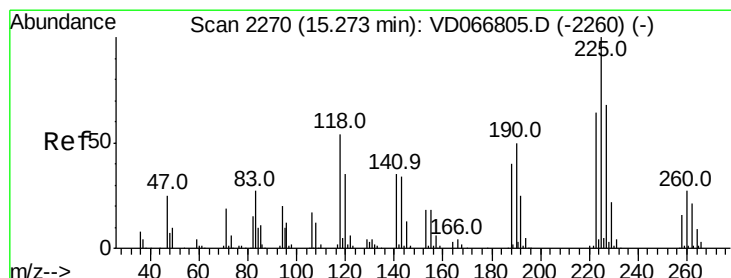
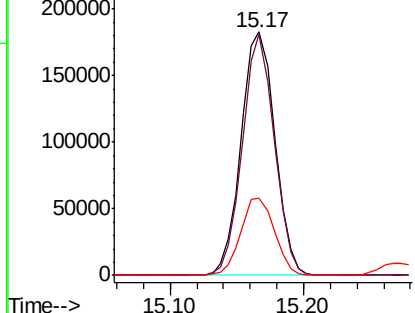
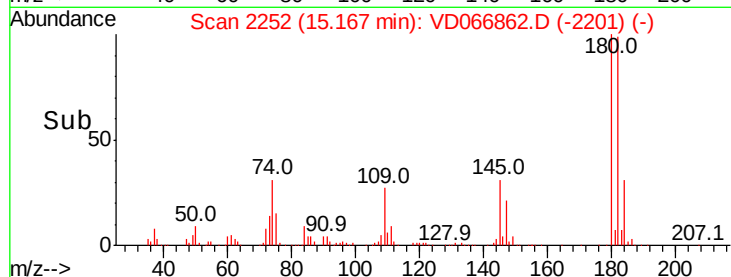
#93
 1,2,4-Trichlorobenzene
 Concen: 57.563 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.8	146.3
145	32.0	16.7	50.0

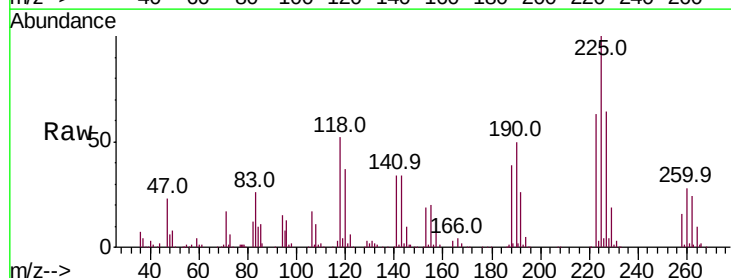


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

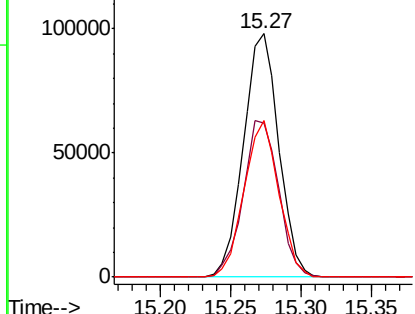
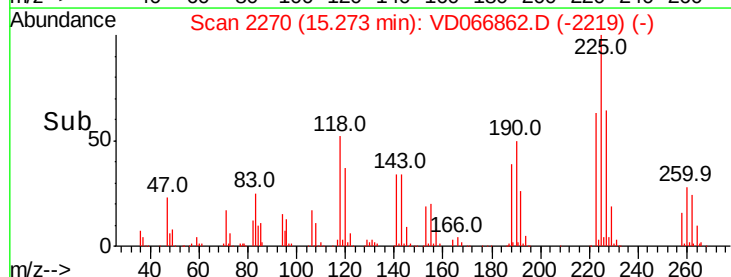


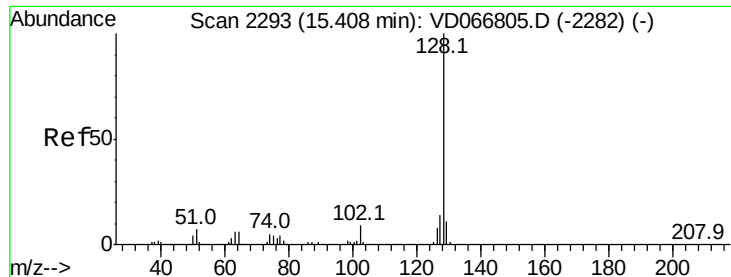
#94
 Hexachlorobutadiene
 Concen: 51.612 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066862.D
 Acq: 24 Sep 2020 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.1	93.3
227	63.2	31.7	95.1



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

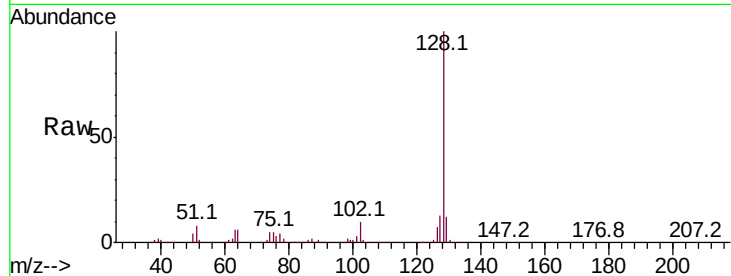




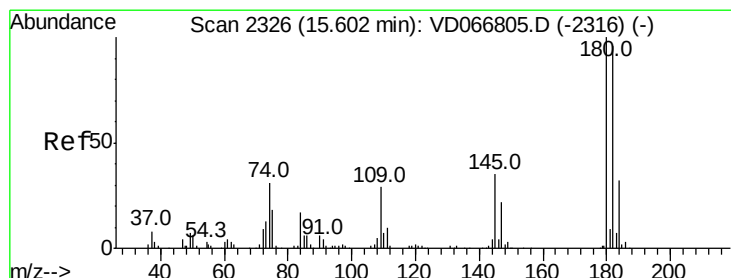
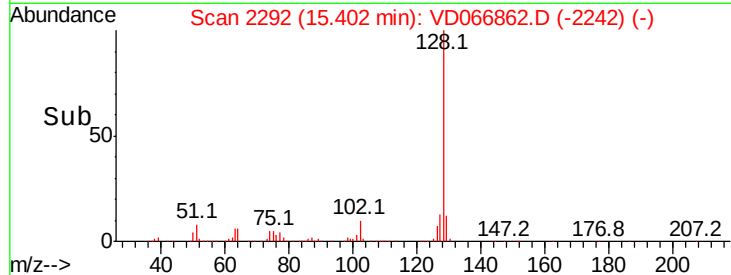
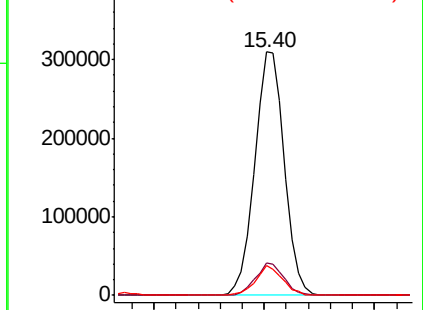
#95
Naphthalene
Concen: 61.592 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 580917
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.2 8.9 13.3

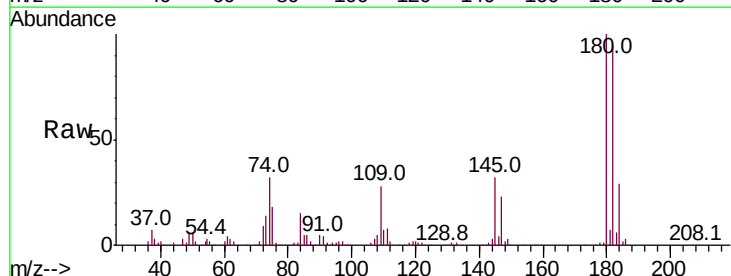


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.477 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066862.D
Acq: 24 Sep 2020 20:17

Tgt Ion:180 Resp: 270802
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 33.3 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

