

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066778.D
 Acq On : 18 Sep 2020 20:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 03:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218248	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	216175	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.34	98	792797	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.63	95	263561	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	111907	37.559	ug/l	95
3) Chloromethane	2.21	50	163776	38.575	ug/l	98
4) Vinyl Chloride	2.35	62	171570	38.612	ug/l	97
5) Bromomethane	2.77	94	108499	34.421	ug/l	99
6) Chloroethane	2.92	64	110515	39.924	ug/l	92
7) Trichlorofluoromethane	3.27	101	308381	40.180	ug/l	99
8) Diethyl Ether	3.71	74	88448	46.022	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171757	40.721	ug/l	99
10) Methyl Iodide	4.30	142	247151	61.758	ug/l	98
11) Tert butyl alcohol	5.21	59	53000	175.703	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	172040	44.068	ug/l	92
13) Acrolein	3.92	56	70609	240.503	ug/l	91
14) Allyl chloride	4.71	41	280558	44.749	ug/l	96
15) Acrylonitrile	5.42	53	207733	246.744	ug/l	97
16) Acetone	4.16	43	148887	175.638	ug/l	95
17) Carbon Disulfide	4.41	76	548428	44.706	ug/l	98
18) Methyl Acetate	4.72	43	96569	53.634	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	420593	48.368	ug/l	93
20) Methylene Chloride	4.96	84	218887	47.697	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	217173	47.748	ug/l	96
22) Diisopropyl ether	6.36	45	617357	48.461	ug/l	97
23) Vinyl Acetate	6.30	43	1514319	213.700	ug/l	98
24) 1,1-Dichloroethane	6.26	63	379676	46.967	ug/l	98
25) 2-Butanone	7.21	43	238206	215.801	ug/l	93
26) 2,2-Dichloropropane	7.21	77	295076	39.473	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	246150	49.469	ug/l	97
28) Bromochloromethane	7.54	49	148848	49.296	ug/l	96
29) Tetrahydrofuran	7.56	42	164057	242.920	ug/l	98
30) Chloroform	7.71	83	413710	48.085	ug/l	100
31) Cyclohexane	7.98	56	298317	40.570	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	351103	44.596	ug/l	98
36) 1,1-Dichloropropene	8.11	75	294326	43.395	ug/l	98
37) Ethyl Acetate	7.29	43	116423	45.342	ug/l	99
38) Carbon Tetrachloride	8.10	117	308814	42.875	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	321618	41.456	ug/l	98
40) Benzene	8.35	78	872787	47.565	ug/l	99
41) Methacrylonitrile	7.56	41	158777	116.803	ug/l #	17
42) 1,2-Dichloroethane	8.42	62	261601	46.018	ug/l	99
43) Isopropyl Acetate	8.45	43	219816	45.483	ug/l	98
44) Trichloroethene	9.11	130	230633	47.009	ug/l	99
45) 1,2-Dichloropropane	9.38	63	219134	48.307	ug/l	93
46) Dibromomethane	9.47	93	118852	47.680	ug/l	97
47) Bromodichloromethane	9.66	83	321882	47.388	ug/l	99
48) Methyl methacrylate	9.45	41	112331	45.695	ug/l	91
49) 1,4-Dioxane	9.46	88	25918	970.646	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	578405	232.464	ug/l	99
52) Toluene	10.40	92	567319	48.262	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	235558	38.821	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	279053	38.719	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	155473	47.306	ug/l	99
56) Ethyl methacrylate	10.66	69	181118	48.562	ug/l	99
57) 1,3-Dichloropropane	10.94	76	272286	47.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	465085	283.932	ug/l	96
59) 2-Hexanone	10.98	43	384876	230.213	ug/l	99
60) Dibromochloromethane	11.14	129	212570	49.638	ug/l	99
61) 1,2-Dibromoethane	11.24	107	149527	47.429	ug/l	98
64) Tetrachloroethene	10.87	164	201350	47.879	ug/l	97
65) Chlorobenzene	11.67	112	590150	46.269	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	216702	46.047	ug/l	100
67) Ethyl Benzene	11.74	91	1054093	45.626	ug/l	100
68) m/p-Xylenes	11.85	106	807452	92.472	ug/l	98
69) o-Xylene	12.18	106	370337	47.994	ug/l	95
70) Styrene	12.19	104	651889	48.000	ug/l	99
71) Bromoform	12.36	173	110664	46.856	ug/l #	99
73) Isopropylbenzene	12.48	105	991283	46.527	ug/l	100
74) N-amyl acetate	12.29	43	198516	44.171	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	165641	45.753	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	239003	97.836	ug/l #	100
77) Bromobenzene	12.76	156	228811	46.596	ug/l	97
78) n-propylbenzene	12.82	91	1175761	45.271	ug/l	98
79) 2-Chlorotoluene	12.91	91	668365	45.511	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	830766	46.117	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	26606	23.505	ug/l	97
82) 4-Chlorotoluene	13.00	91	711762	45.837	ug/l	98
83) tert-Butylbenzene	13.23	119	692232	46.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	852668	47.362	ug/l	99
85) sec-Butylbenzene	13.40	105	958538	45.031	ug/l	100
86) p-Isopropyltoluene	13.52	119	890875	46.036	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	442274	46.945	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	430638	45.903	ug/l	99
89) n-Butylbenzene	13.84	91	813234	44.195	ug/l	98
90) Hexachloroethane	14.11	117	172870	43.485	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	383262	47.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24640	42.103	ug/l	90

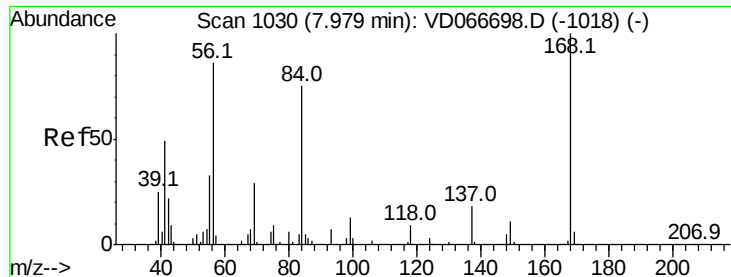
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	225354	46.156	ug/l	99
94) Hexachlorobutadiene	15.27	225	129621	44.065	ug/l	99
95) Naphthalene	15.41	128	413967	48.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	200105	46.922	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

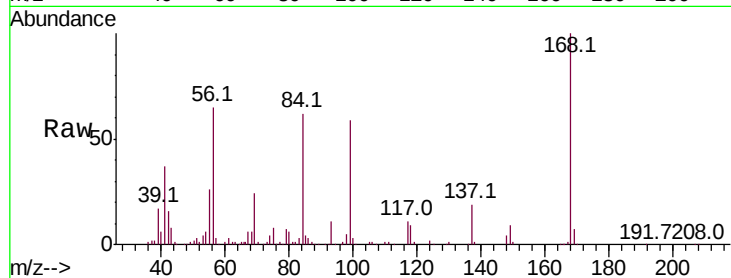
VSTDCCC050EC

Tot Ion:168 Resp: 390156

Ion Ratio Lower Upper

168 100

99 58.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

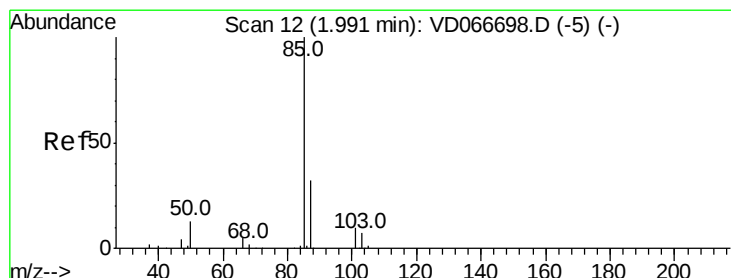
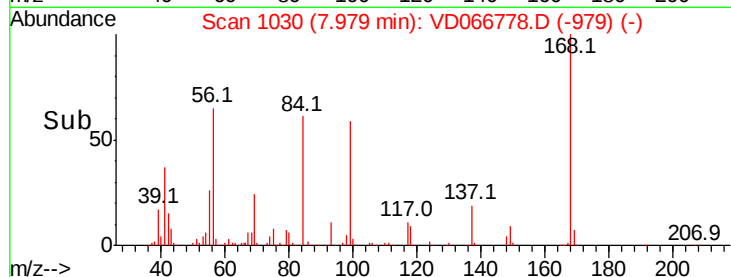
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 37.559 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066778.D

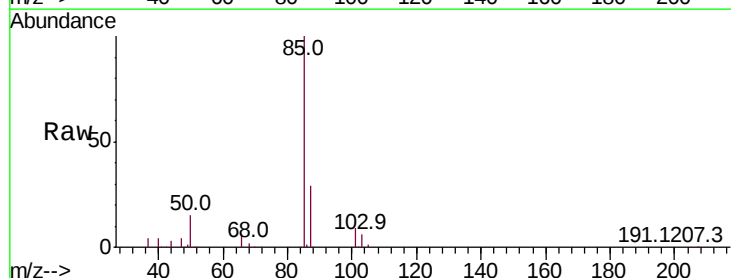
Acq: 18 Sep 2020 20:43

Tgt Ion: 85 Resp: 111907

Ion Ratio Lower Upper

85 100

87 28.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

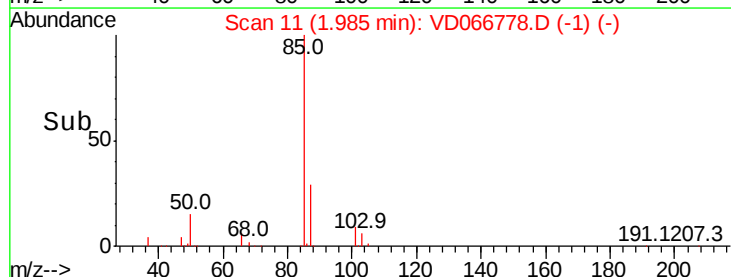
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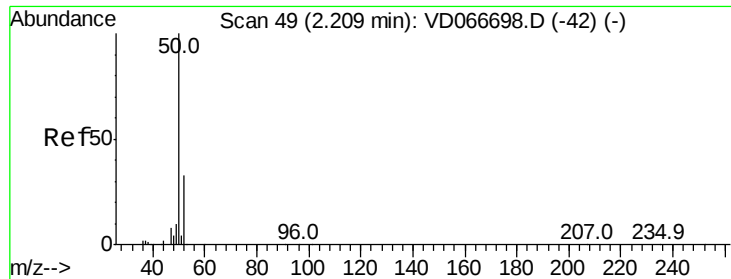
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 38.575 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

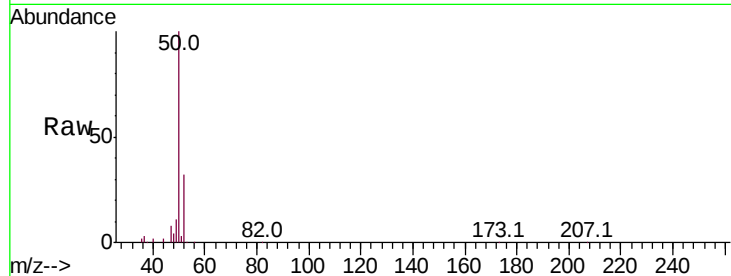
VSTDCCC050EC

Tot Ion: 50 Resp: 163776

Ion Ratio Lower Upper

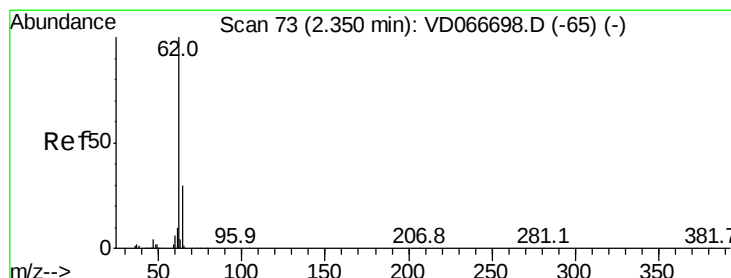
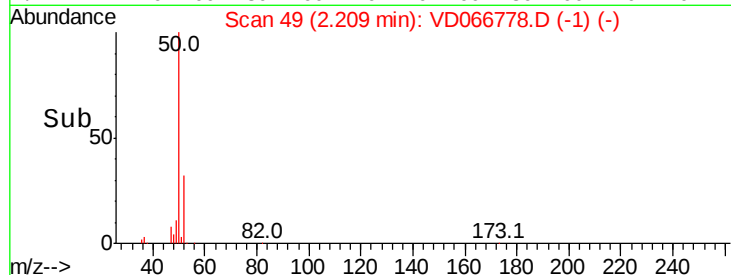
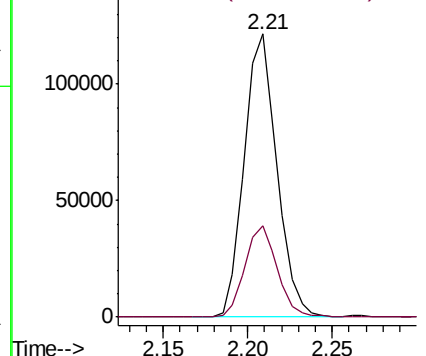
50 100

52 32.3 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 38.612 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066778.D

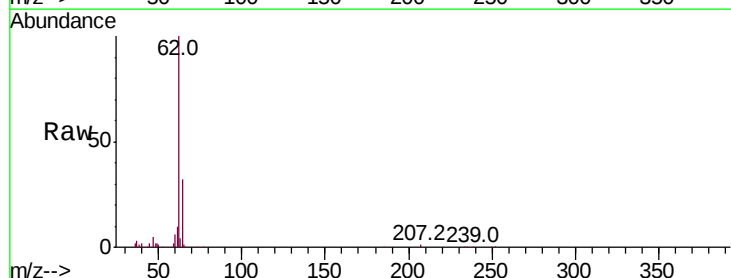
Acq: 18 Sep 2020 20:43

Tgt Ion: 62 Resp: 171570

Ion Ratio Lower Upper

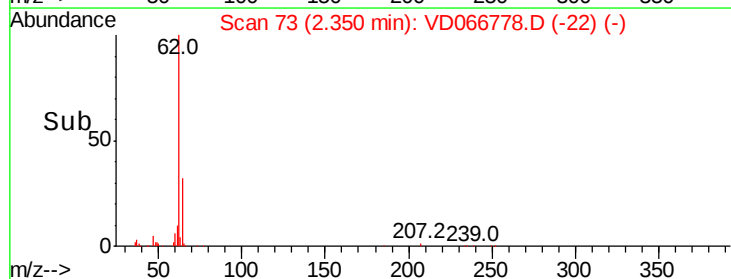
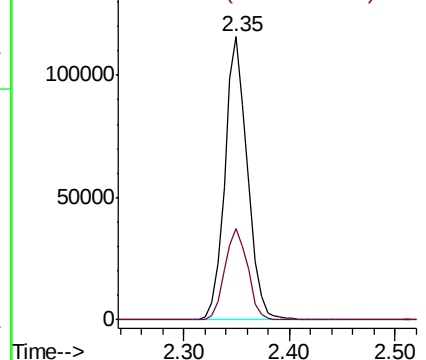
62 100

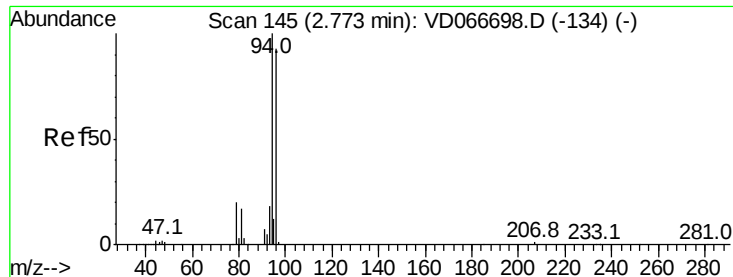
64 32.3 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 34.421 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

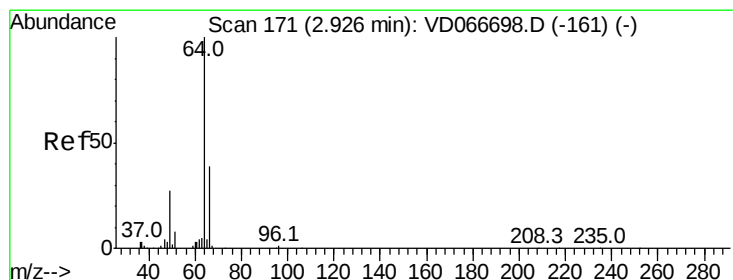
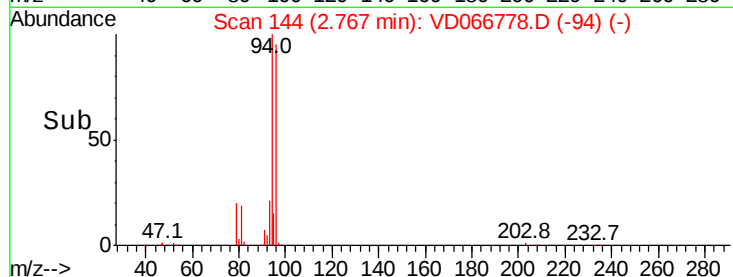
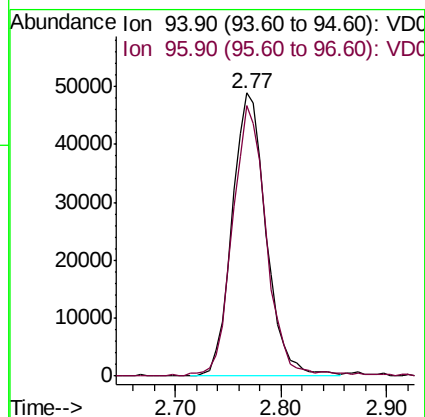
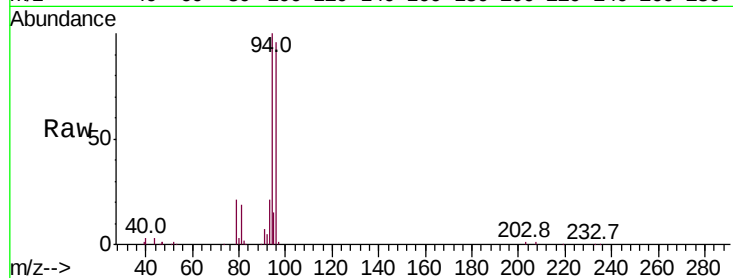
VSTDCCC050EC

Tot Ion: 94 Resp: 108499

Ion Ratio Lower Upper

94 100

96 94.8 74.7 112.1



#6

Chloroethane

Concen: 39.924 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066778.D

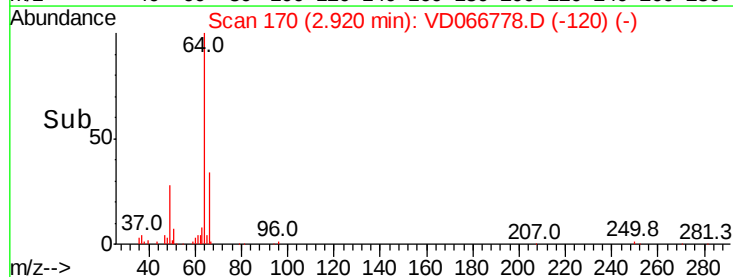
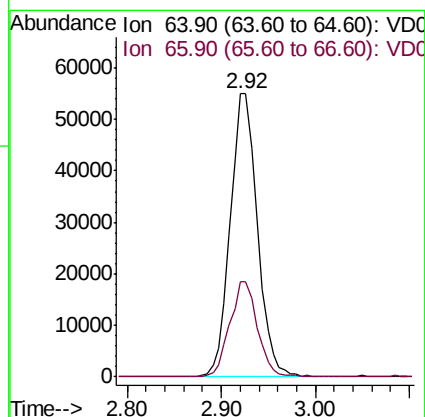
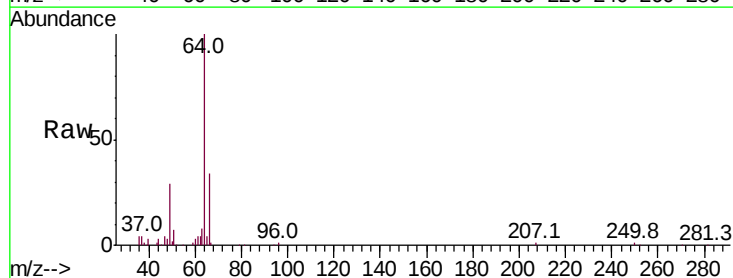
Acq: 18 Sep 2020 20:43

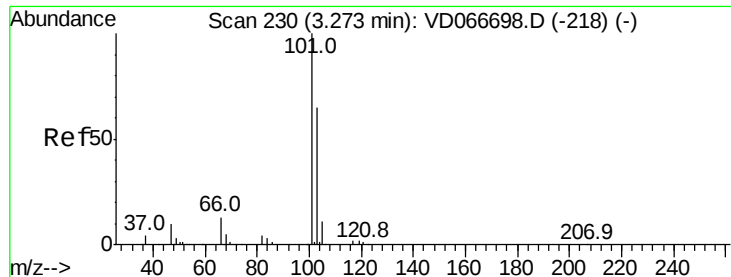
Tgt Ion: 64 Resp: 110515

Ion Ratio Lower Upper

64 100

66 33.7 30.9 46.3





#7

Trichlorofluoromethane

Concen: 40.180 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

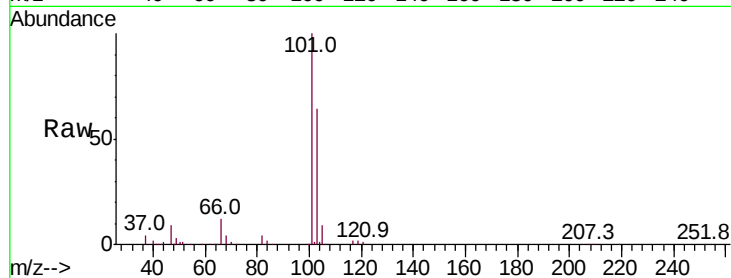
VSTDCCC050EC

Tot Ion:101 Resp: 308381

Ion Ratio Lower Upper

101 100

103 63.7 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

150000

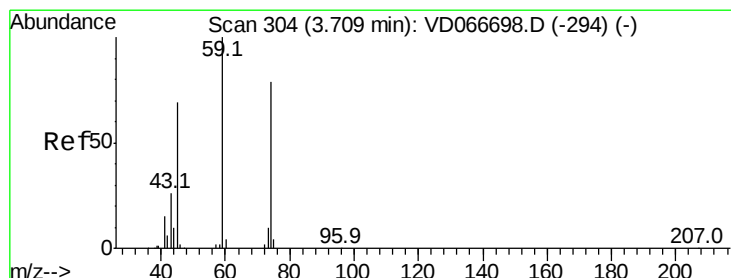
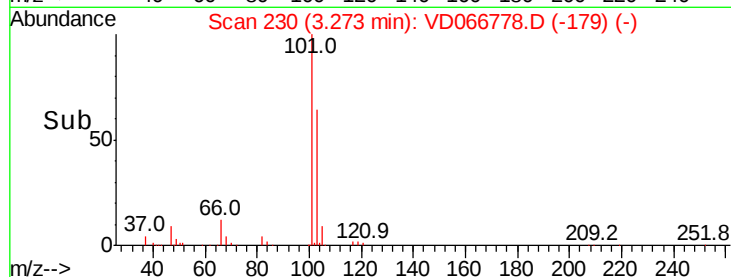
100000

50000

0

3.20 3.30

Time-->



#8

Diethyl Ether

Concen: 46.022 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066778.D

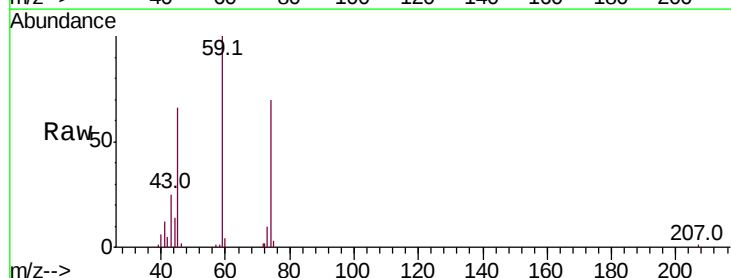
Acq: 18 Sep 2020 20:43

Tgt Ion: 74 Resp: 88448

Ion Ratio Lower Upper

74 100

45 96.5 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

40000

30000

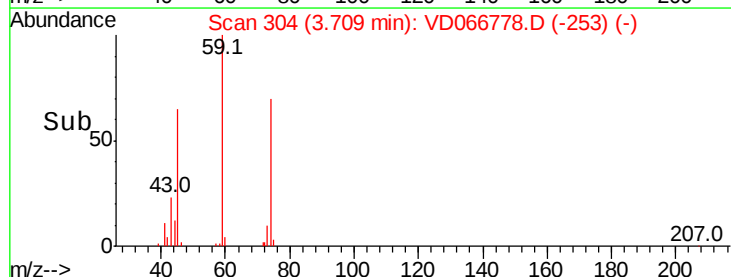
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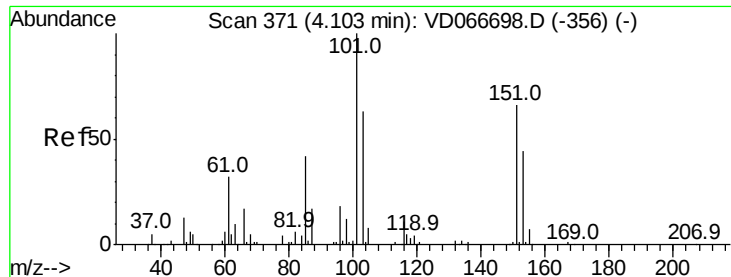
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0

3.60 3.65 3.70 3.75 3.80

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.721 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

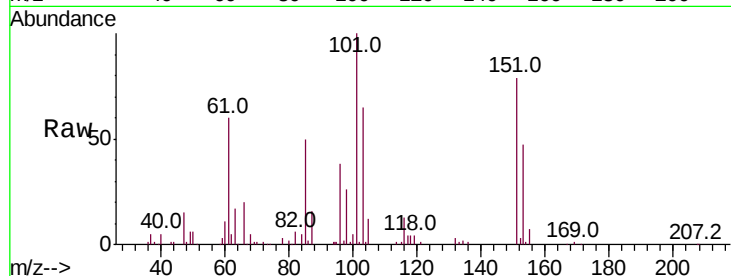
Tot Ion:101 Resp: 171757

Ion Ratio Lower Upper

101 100

85 45.3 36.3 54.5

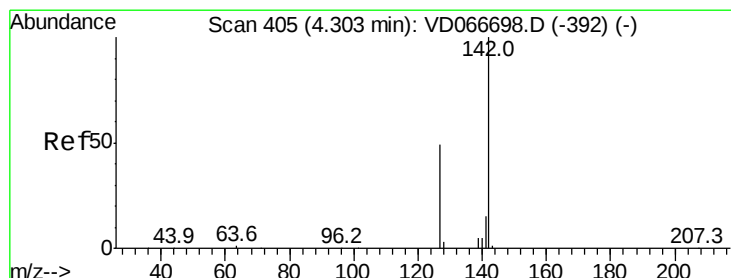
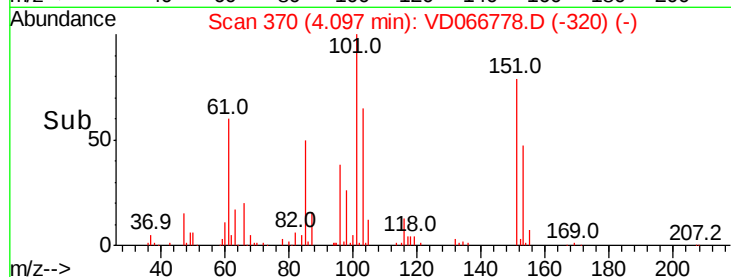
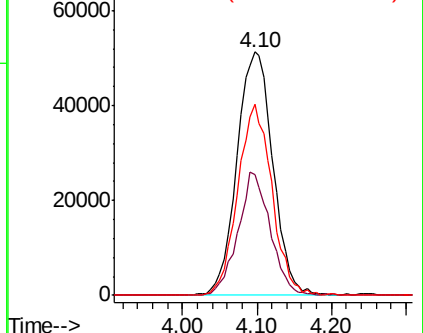
151 74.4 58.0 87.0



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: 61.758 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

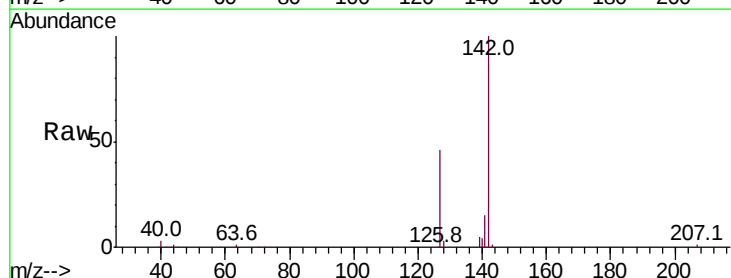
Tgt Ion:142 Resp: 247151

Ion Ratio Lower Upper

142 100

127 47.4 39.0 58.4

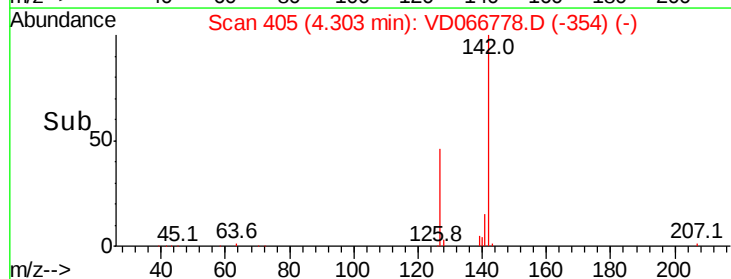
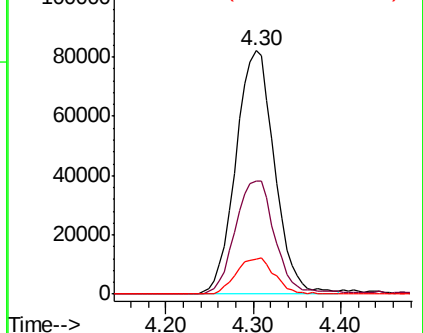
141 14.6 11.7 17.5

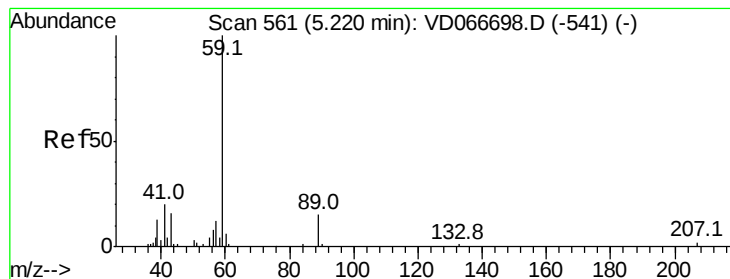


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



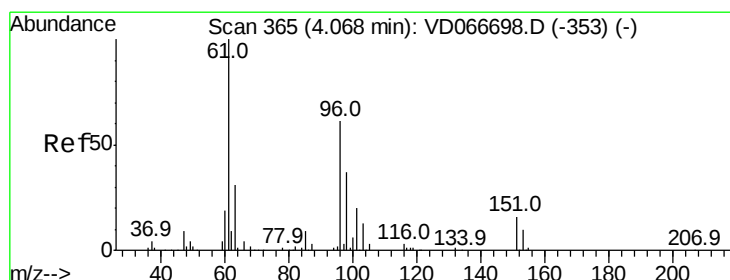
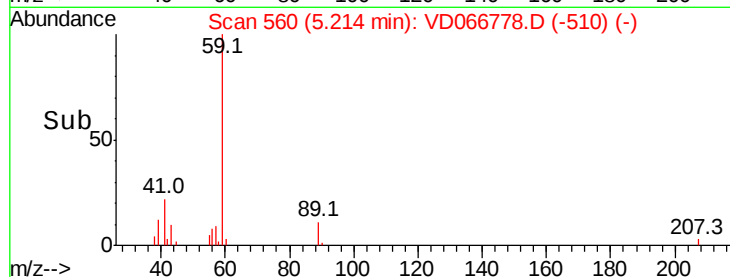
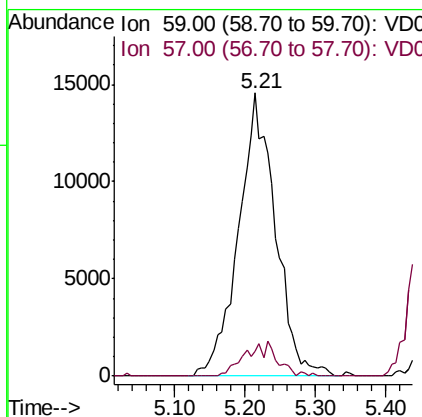
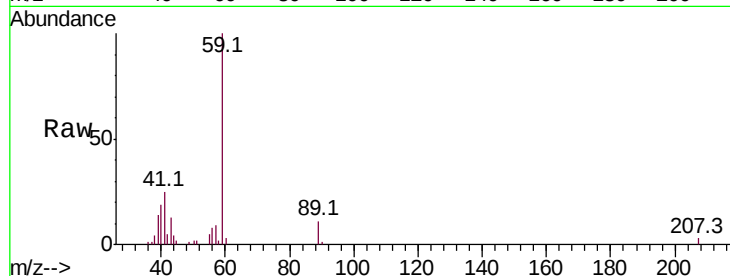


#11

Tert butyl alcohol
 Concen: 175.703 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

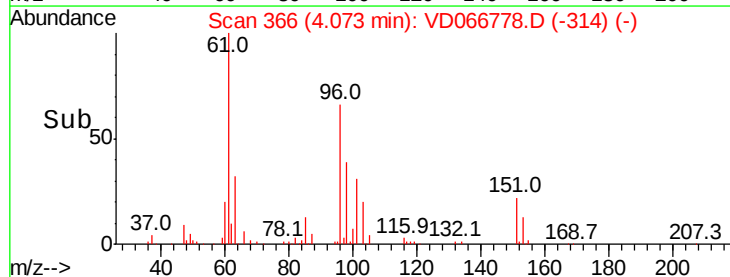
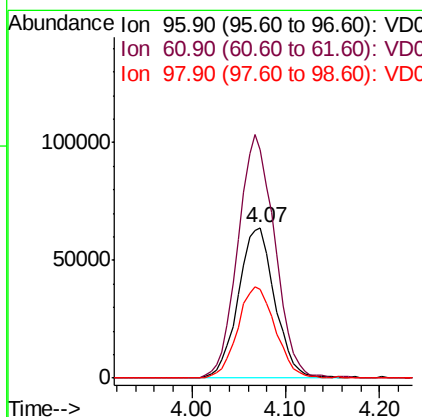
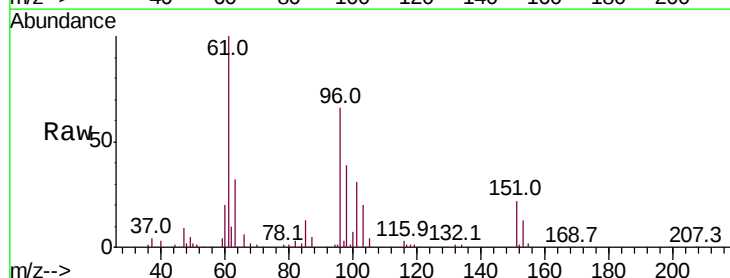
Tot Ion: 59 Resp: 53000
 Ion Ratio Lower Upper
 59 100
 57 6.3 6.7 10.1#

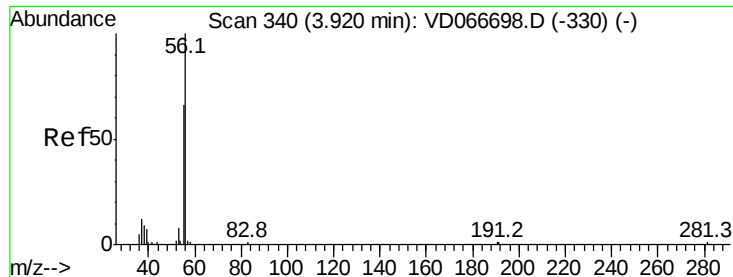


#12

1,1-Dichloroethene
 Concen: 44.068 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion: 96 Resp: 172040
 Ion Ratio Lower Upper
 96 100
 61 151.7 131.9 197.9
 98 58.8 49.1 73.7





#13

Acrolein

Concen: 240.503 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

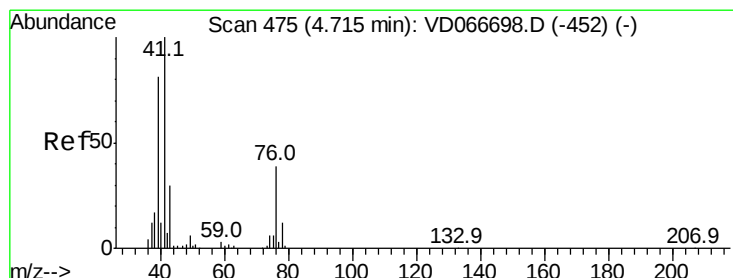
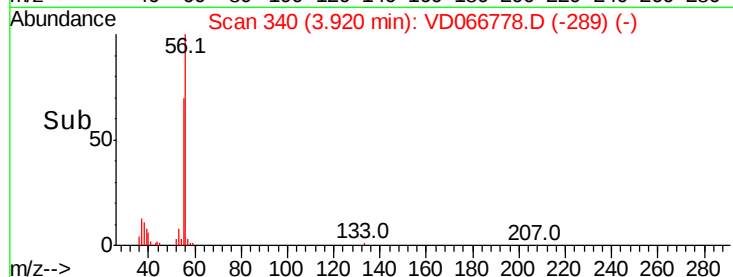
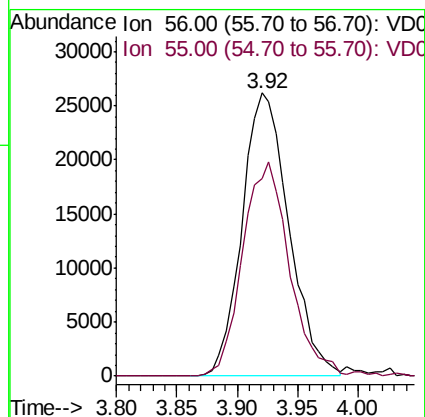
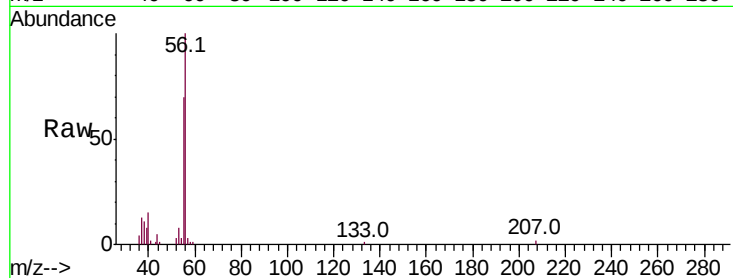
VSTDCCC050EC

Tot Ion: 56 Resp: 70609

Ion Ratio Lower Upper

56 100

55 75.4 54.7 82.1



#14

Allyl chloride

Concen: 44.749 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

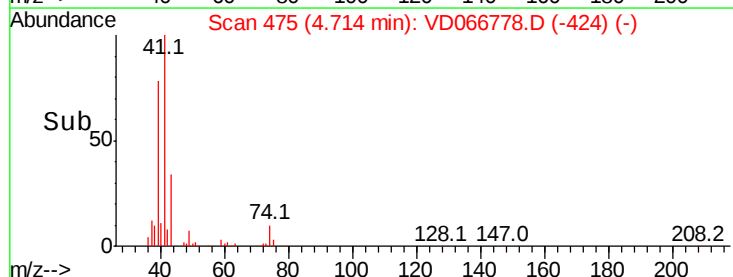
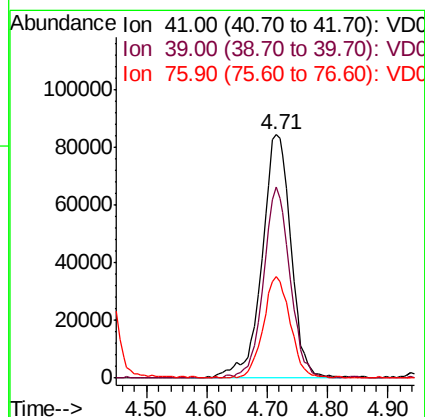
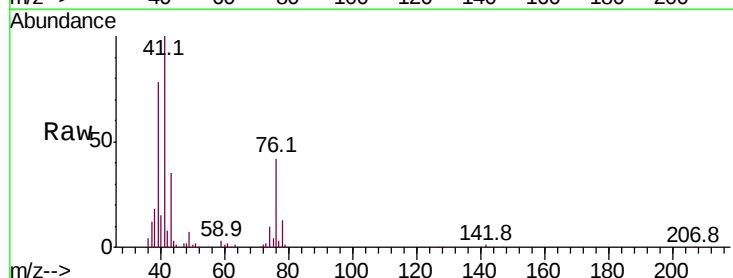
Tgt Ion: 41 Resp: 280558

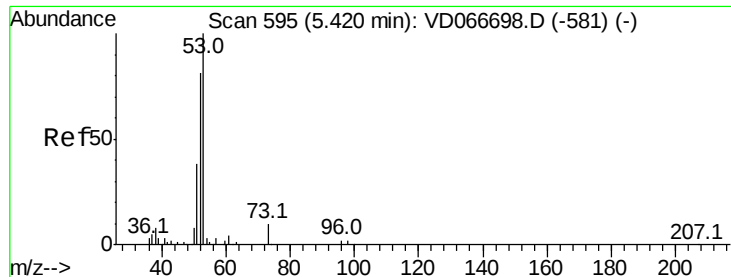
Ion Ratio Lower Upper

41 100

39 72.2 60.6 90.8

76 38.1 29.2 43.8





#15

Acrylonitrile

Concen: 246.744 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

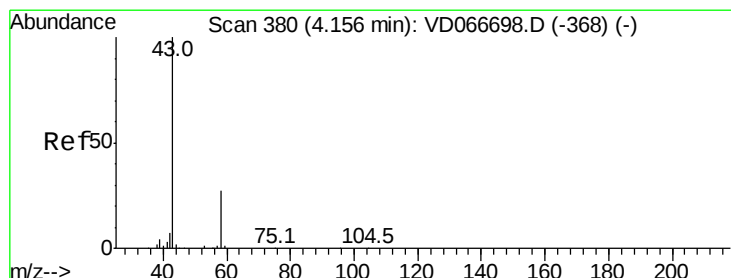
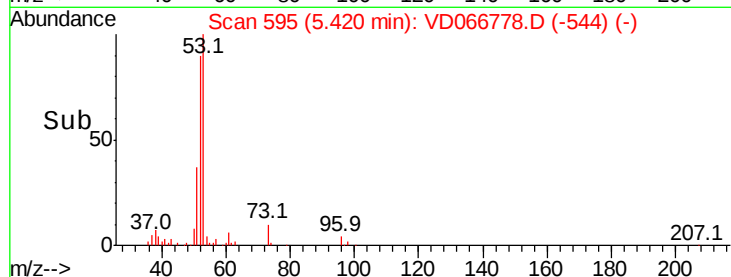
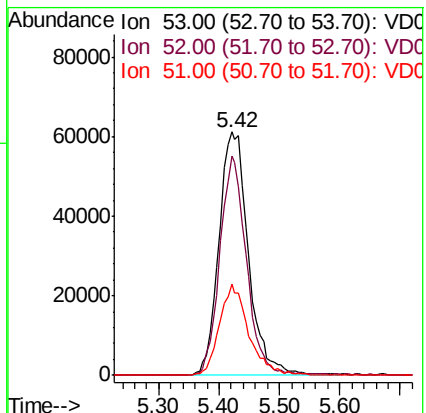
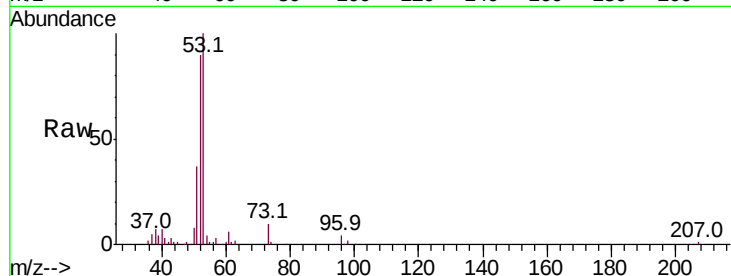
Tot Ion: 53 Resp: 207733

Ion Ratio Lower Upper

53 100

52 79.9 66.6 99.8

51 37.0 31.0 46.6



#16

Acetone

Concen: 175.638 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066778.D

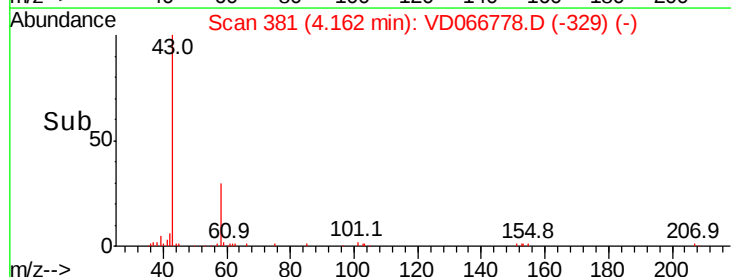
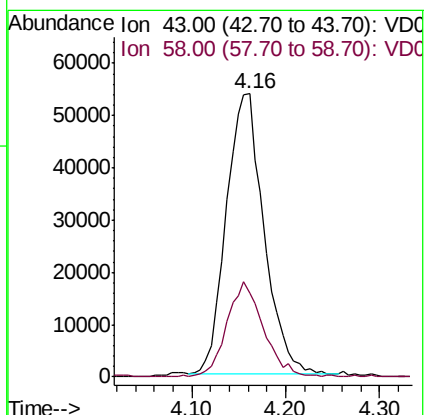
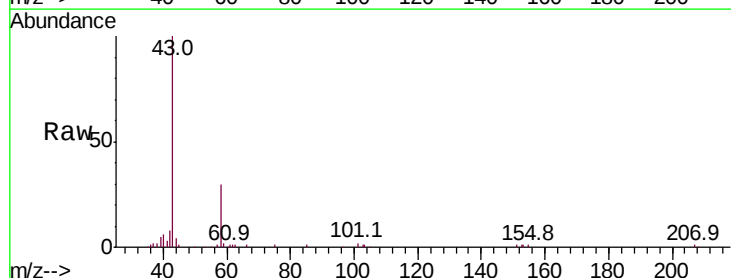
Acq: 18 Sep 2020 20:43

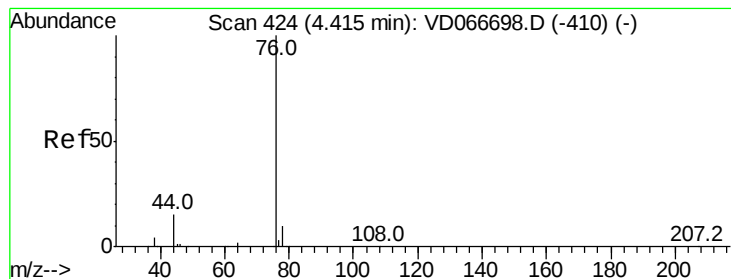
Tgt Ion: 43 Resp: 148887

Ion Ratio Lower Upper

43 100

58 29.8 21.9 32.9





#17

Carbon Disulfide

Concen: 44.706 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

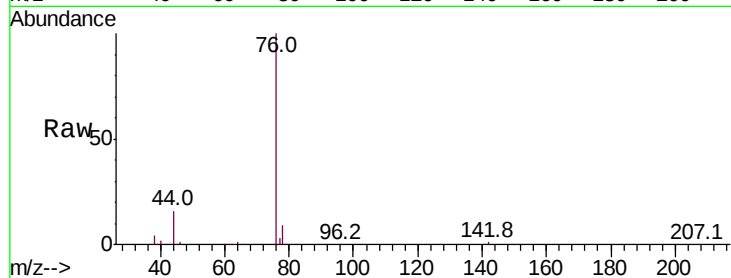
VSTDCCC050EC

Tot Ion: 76 Resp: 548428

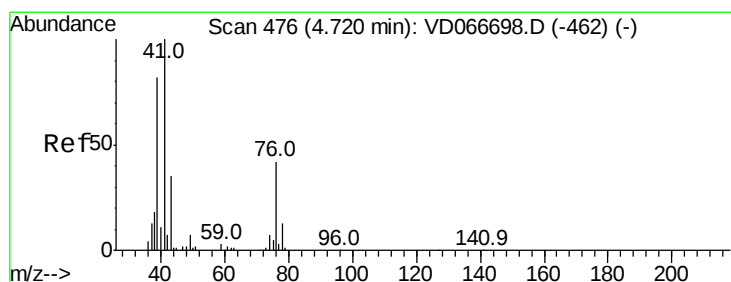
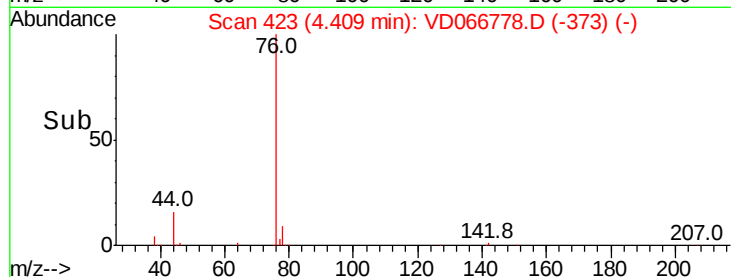
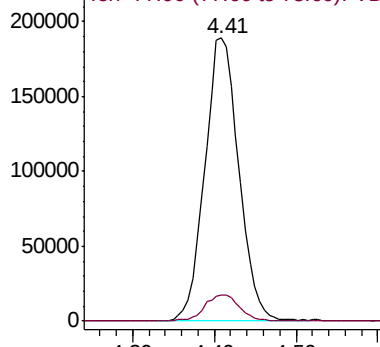
Ion Ratio Lower Upper

76 100

78 9.2 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 53.634 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD066778.D

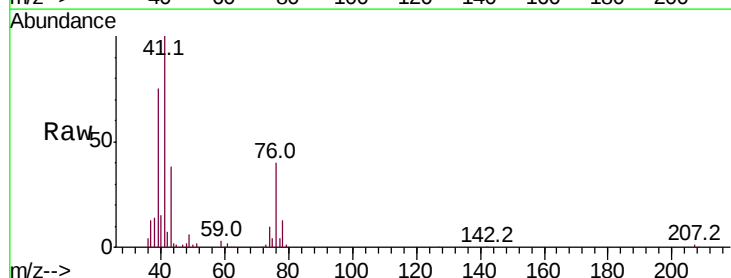
Acq: 18 Sep 2020 20:43

Tgt Ion: 43 Resp: 96569

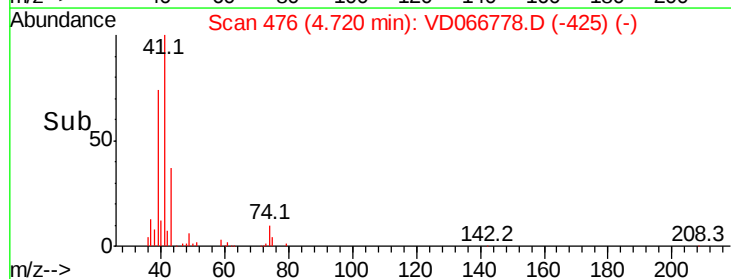
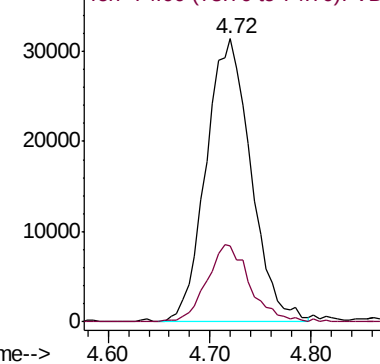
Ion Ratio Lower Upper

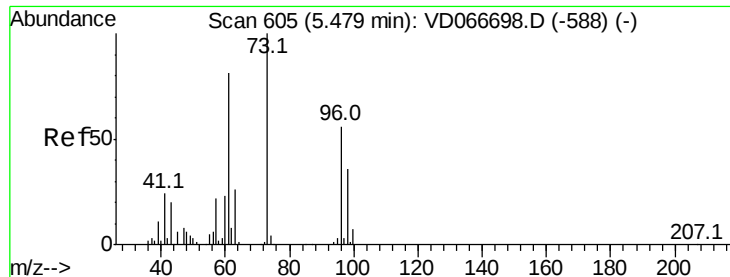
43 100

74 25.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

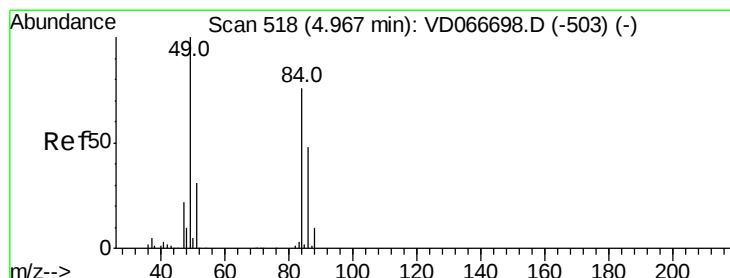
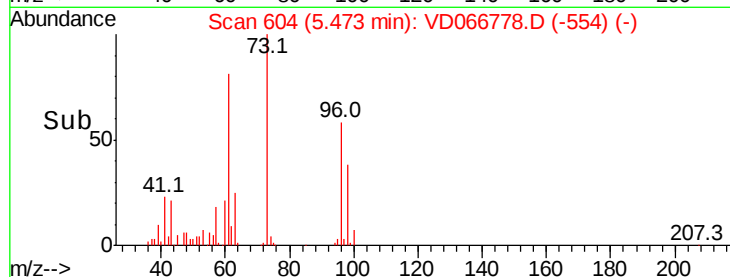
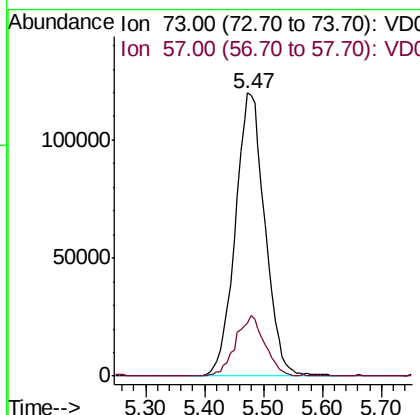
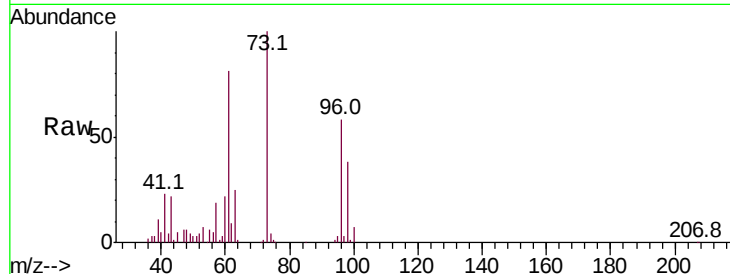




#19
Methvl tert-butvl Ether
Concen: 48.368 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

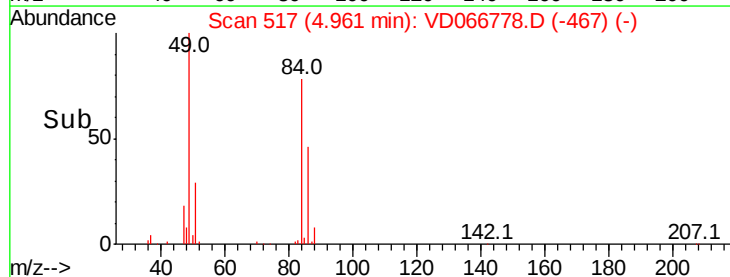
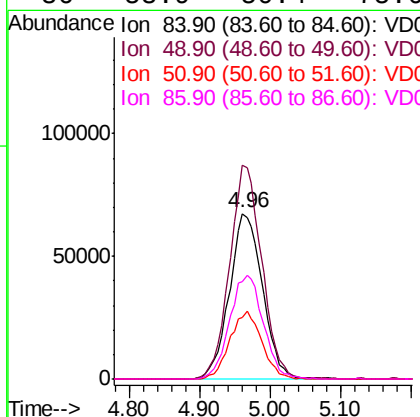
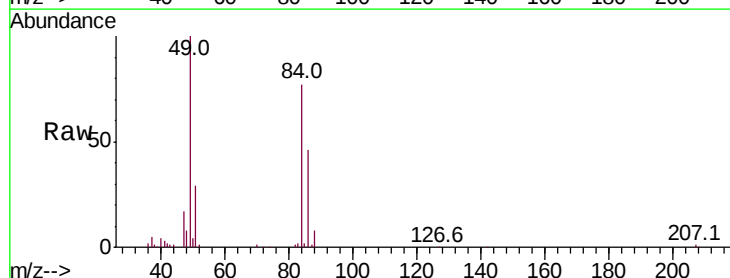
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

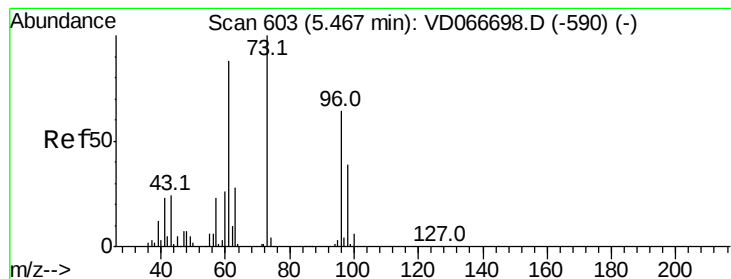
Tot Ion: 73 Resp: 420593
Ion Ratio Lower Upper
73 100
57 18.8 17.8 26.6



#20
Methylene Chloride
Concen: 47.697 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 84 Resp: 218887
Ion Ratio Lower Upper
84 100
49 129.2 105.0 157.6
51 37.0 32.2 48.4
86 58.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 47.748 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

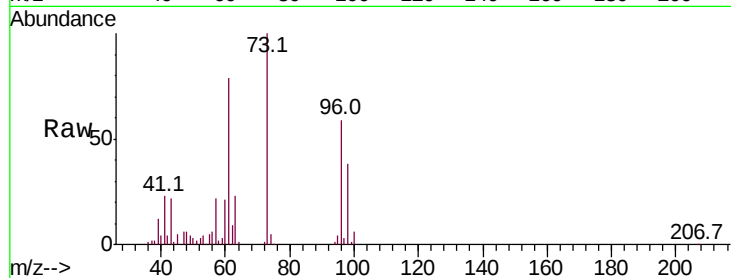
Tot Ion: 96 Resp: 217173

Ion Ratio Lower Upper

96 100

61 133.4 110.6 166.0

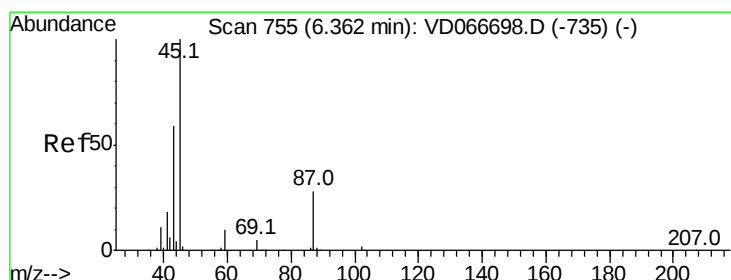
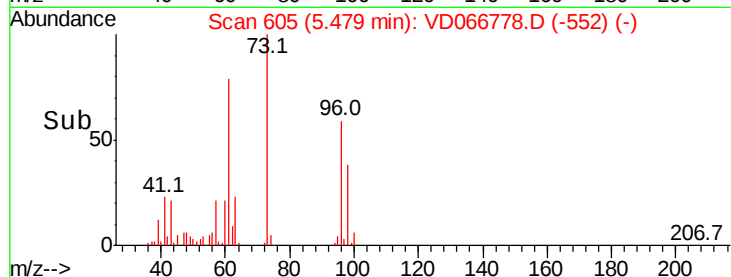
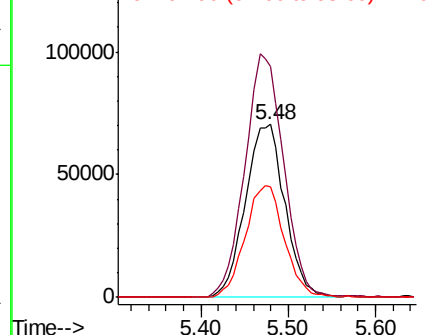
98 63.6 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 48.461 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion: 45 Resp: 617357

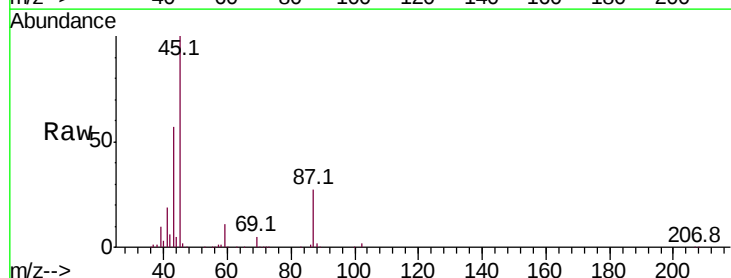
Ion Ratio Lower Upper

45 100

43 56.3 46.9 70.3

87 26.8 22.4 33.6

59 11.4 8.5 12.7

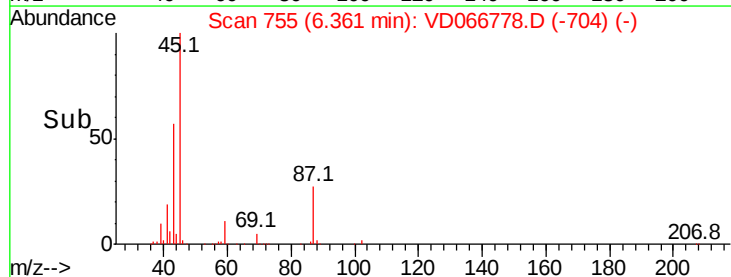
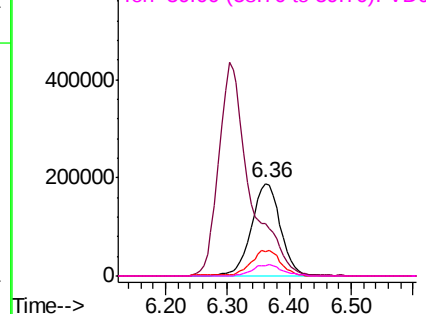


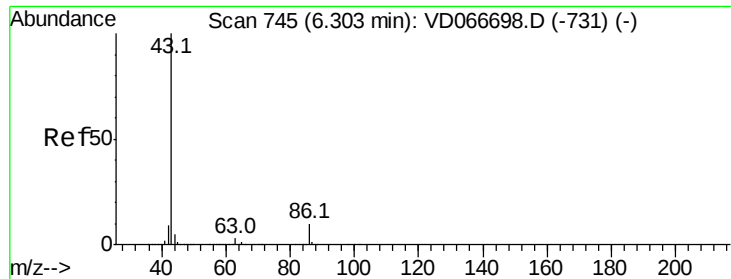
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 213.700 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

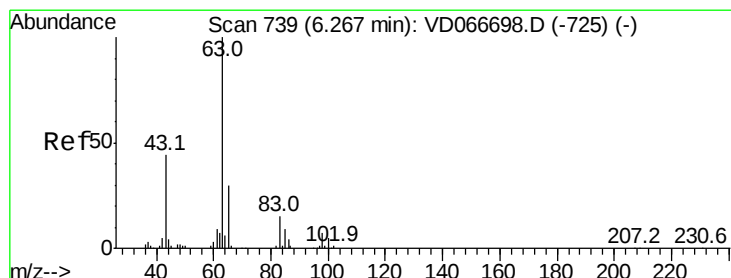
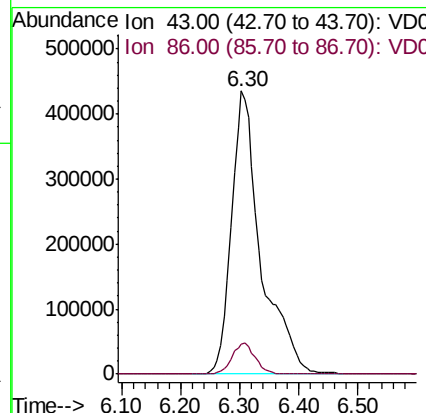
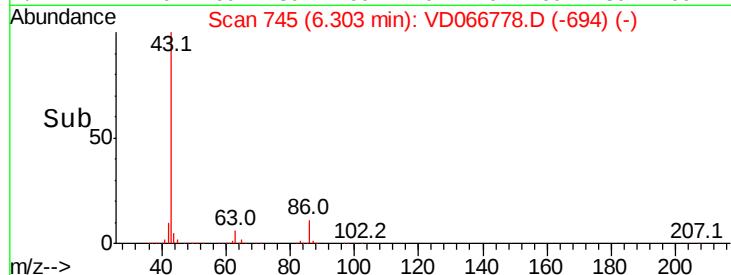
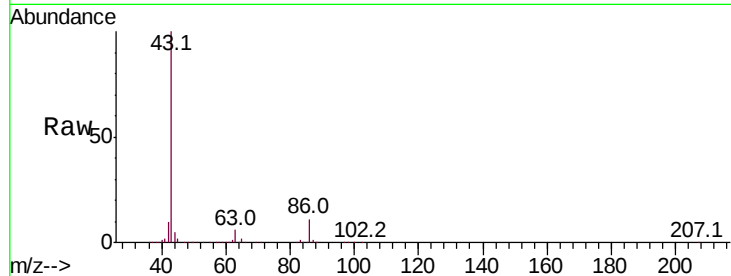
VSTDCCC050EC

Tot Ion: 43 Resp: 1514319

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.967 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

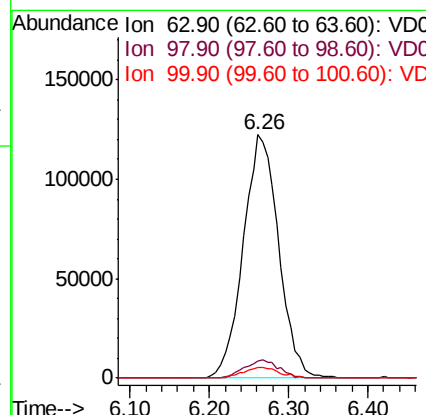
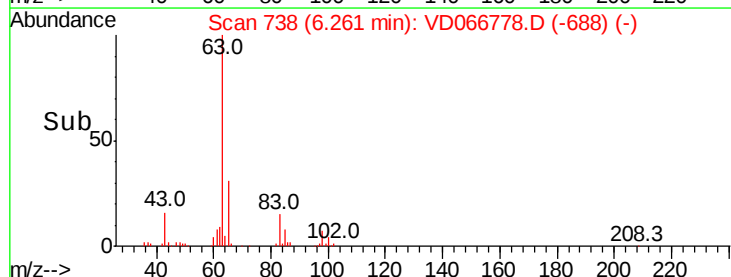
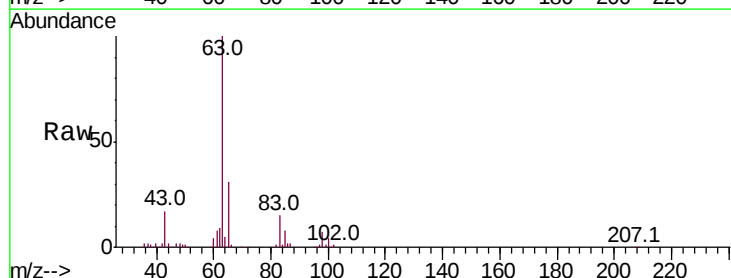
Tgt Ion: 63 Resp: 379676

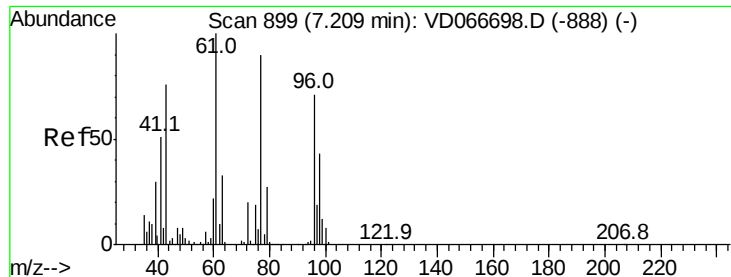
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.2 2.6 8.0

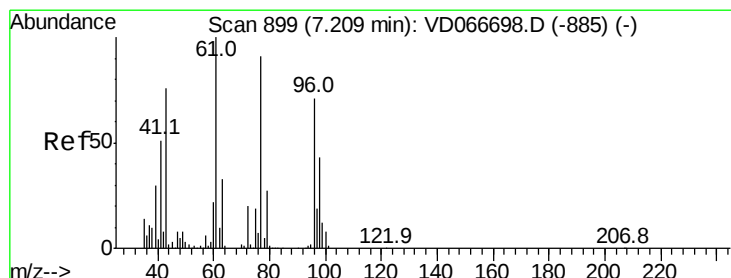
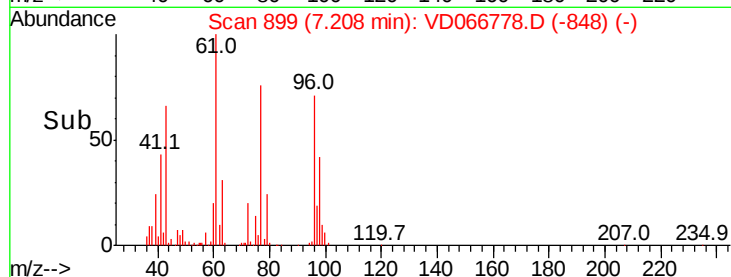
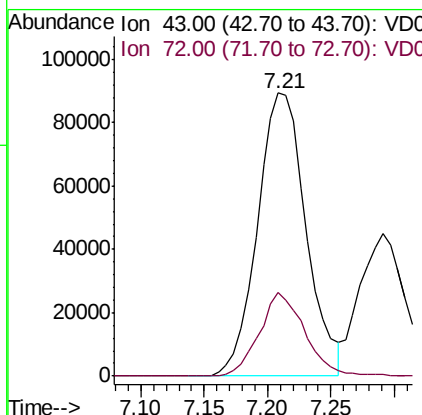
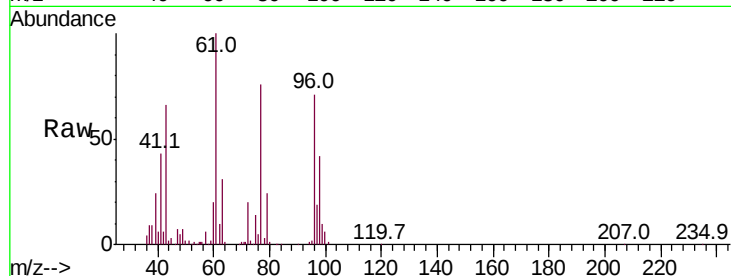




#25
2-Butanone
Concen: 215.801 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

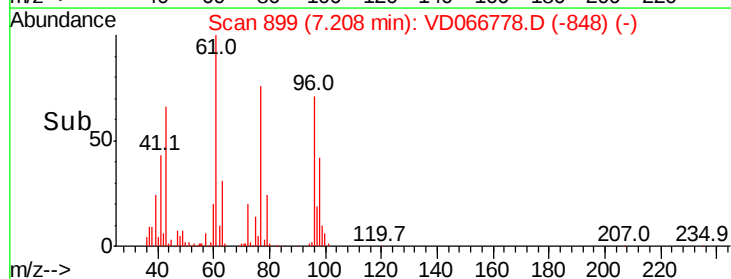
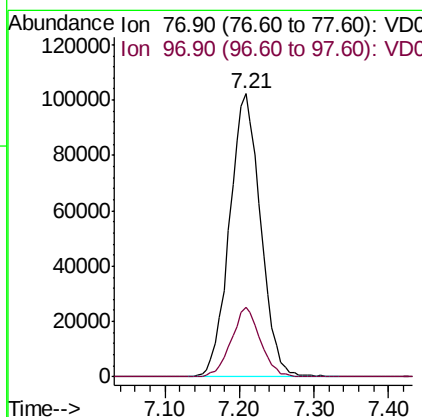
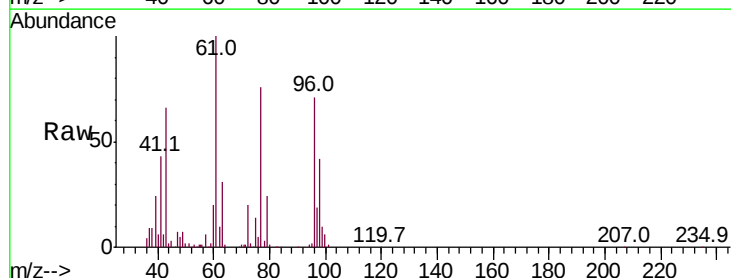
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

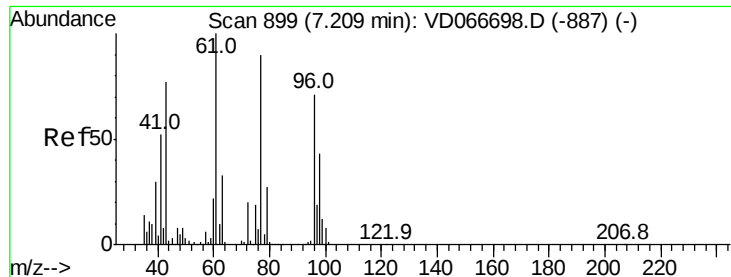
Tot Ion: 43 Resp: 238206
Ion Ratio Lower Upper
43 100
72 29.7 21.0 31.4



#26
2,2-Dichloropropane
Concen: 39.473 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 77 Resp: 295076
Ion Ratio Lower Upper
77 100
97 22.9 10.6 31.8



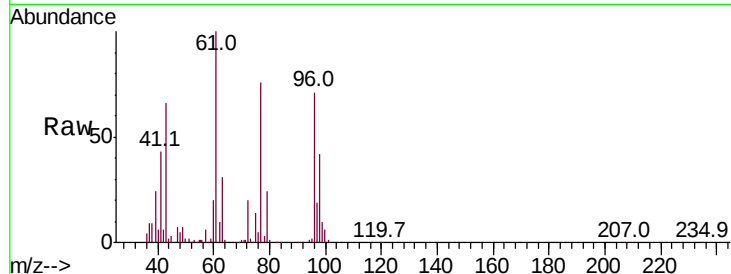


#27

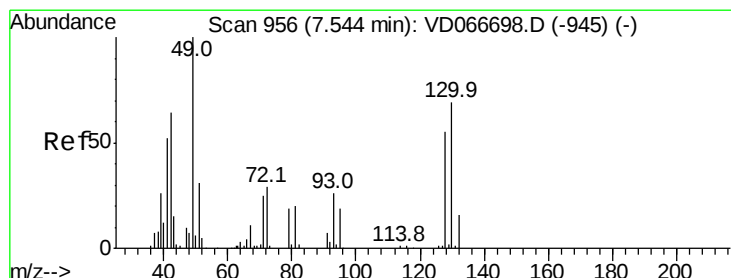
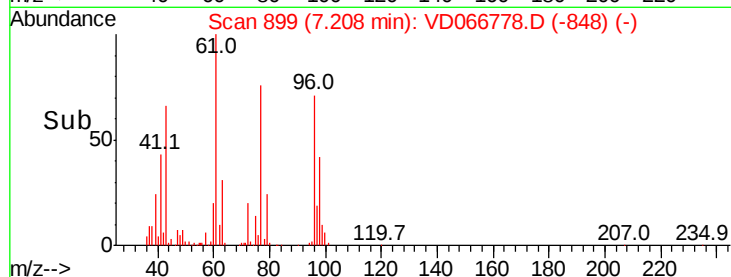
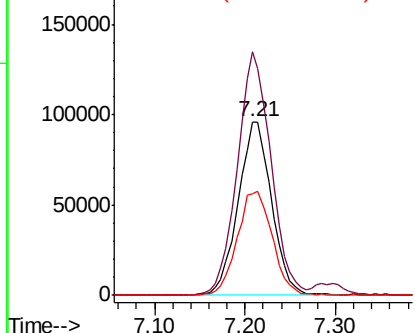
cis-1,2-Dichloroethene
 Concen: 49.469 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	292.4
98	62.8	0.0	127.0



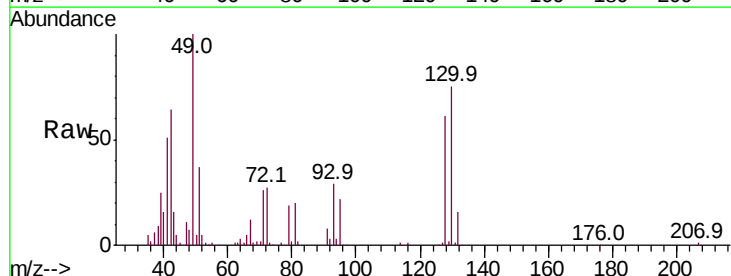
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



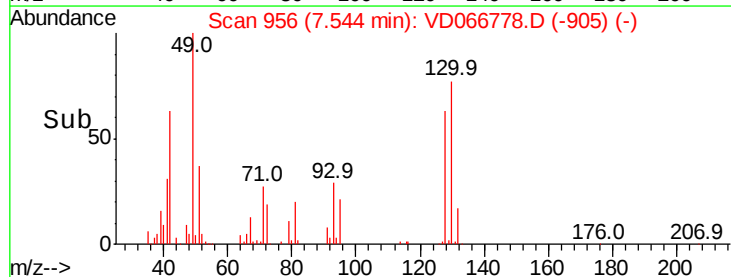
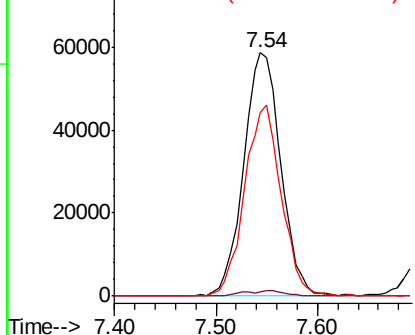
#28

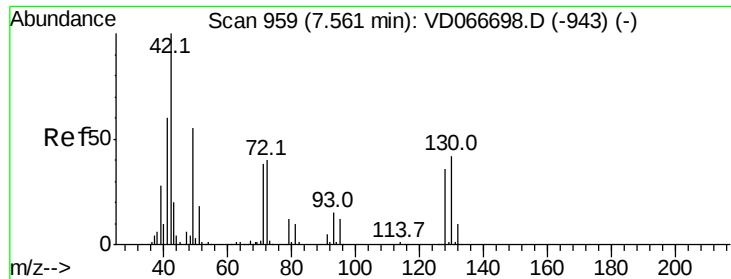
Bromochloromethane
 Concen: 49.296 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	77.1	58.6	88.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

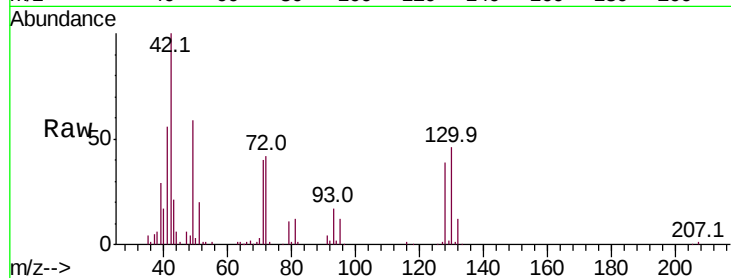




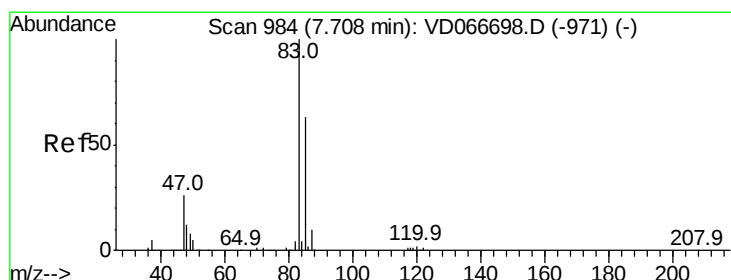
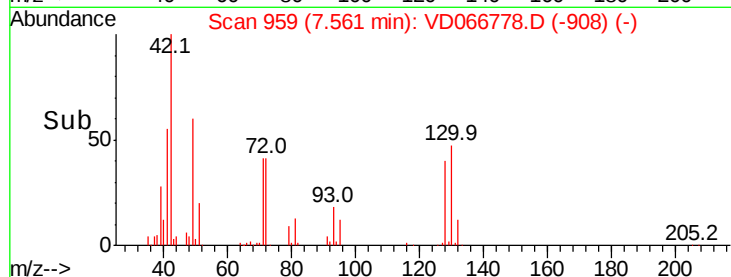
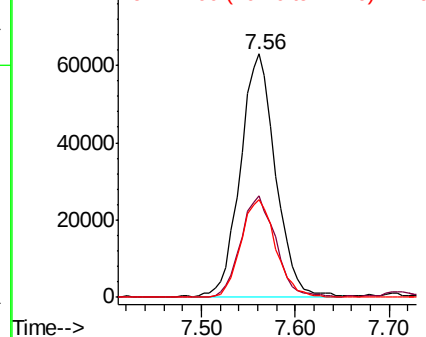
#29
Tetrahydrofuran
Concen: 242.920 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 164057
Ion Ratio Lower Upper
42 100
72 41.3 32.6 48.8
71 39.6 30.6 45.8

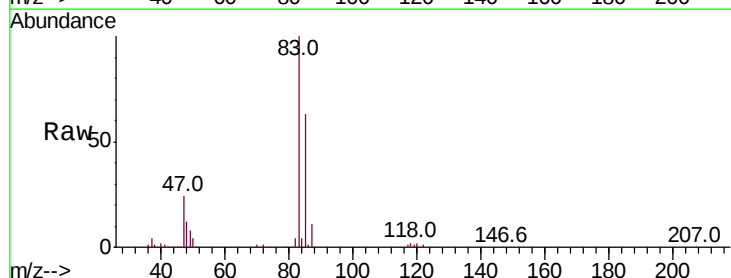


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

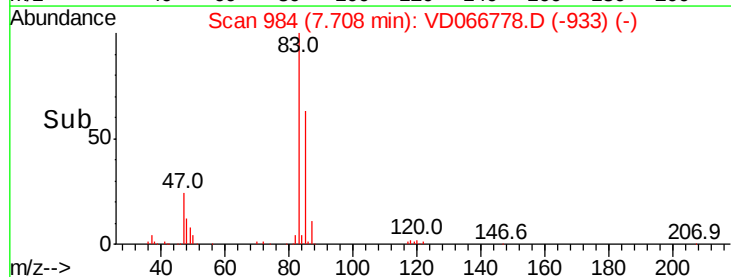
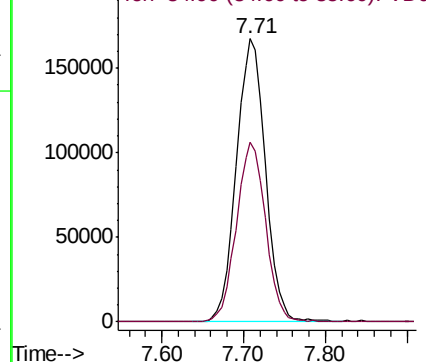


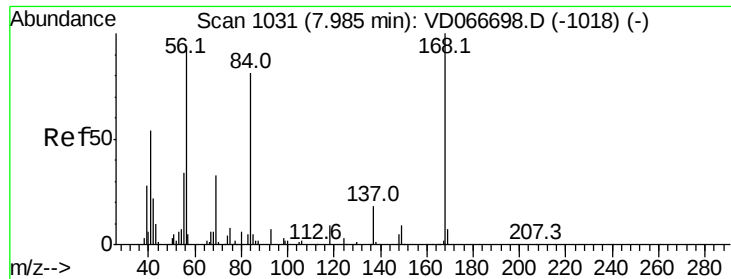
#30
Chloroform
Concen: 48.085 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 83 Resp: 413710
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0



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

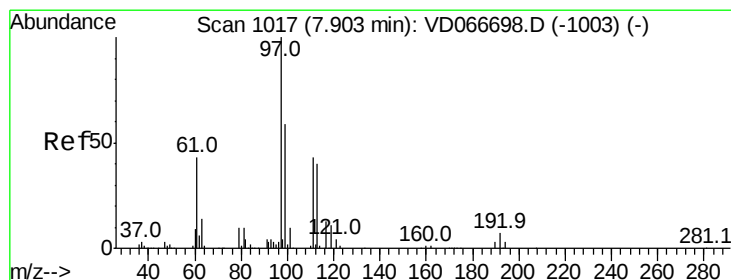
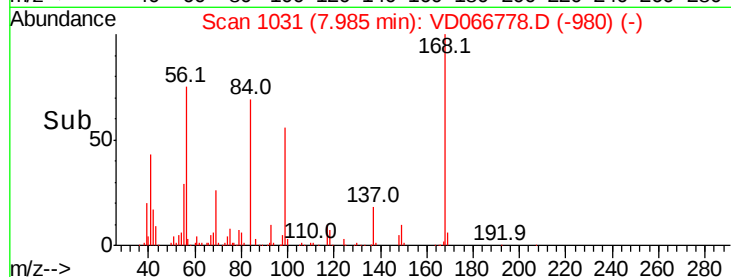
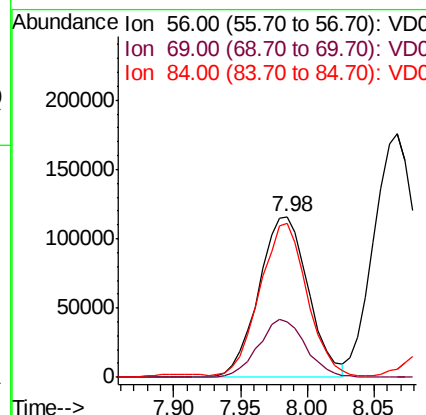
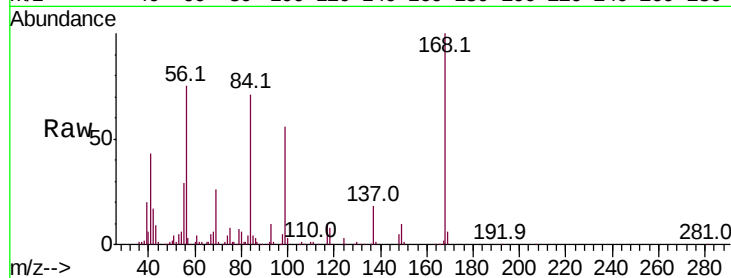




#31
Cyclohexane
Concen: 40.570 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

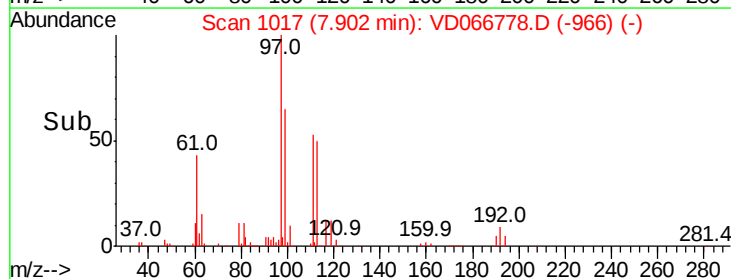
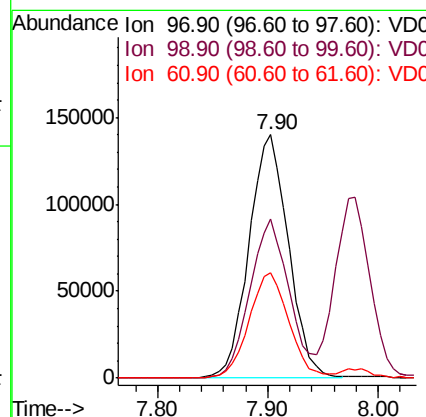
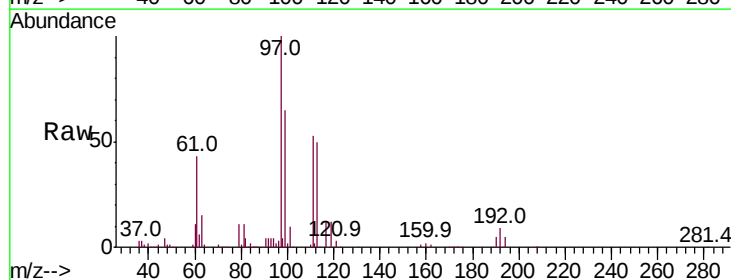
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

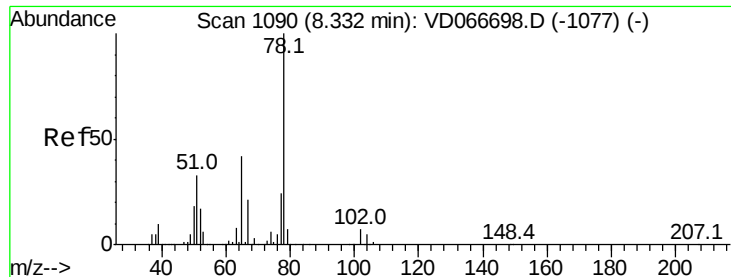
Tot Ion: 56 Resp: 298317
Ion Ratio Lower Upper
56 100
69 34.5 27.7 41.5
84 93.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 44.596 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 97 Resp: 351103
Ion Ratio Lower Upper
97 100
99 65.7 51.0 76.4
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.429 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

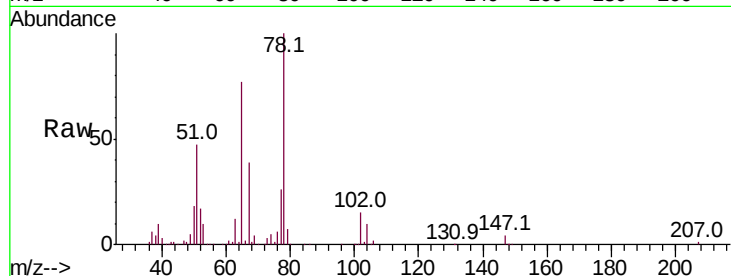
VSTDCCC050EC

Tot Ion: 65 Resp: 218248

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

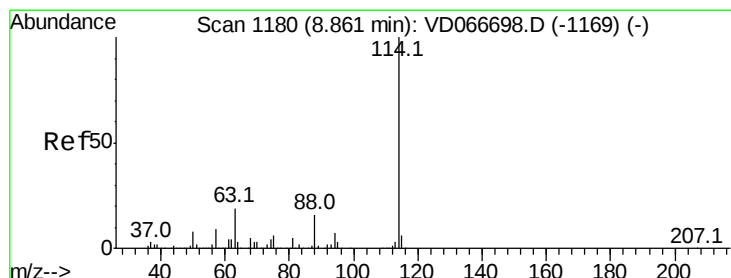
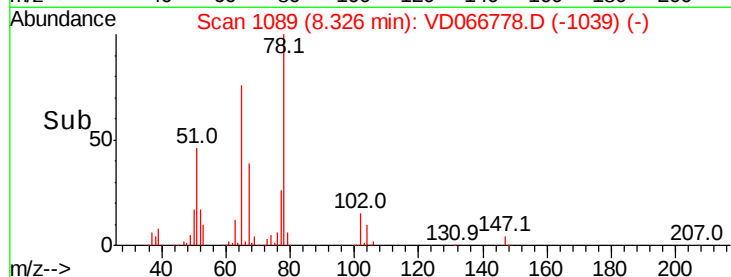
60000

40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

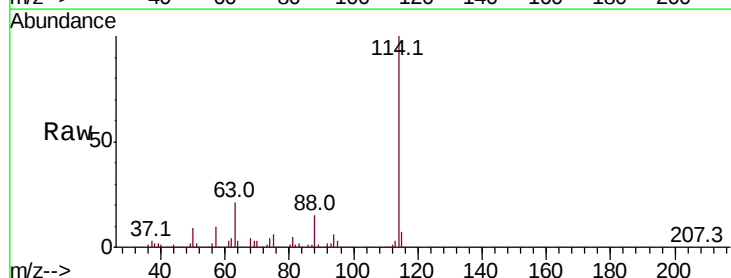
Tgt Ion: 114 Resp: 659683

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.6

88 15.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

400000

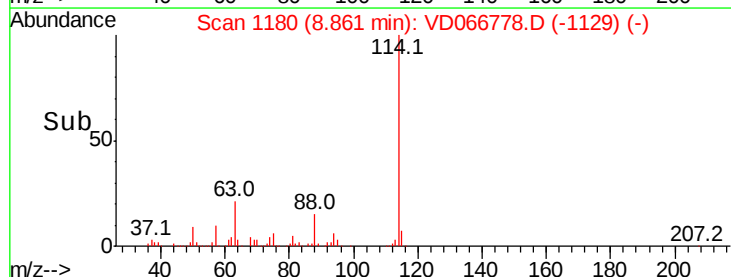
300000

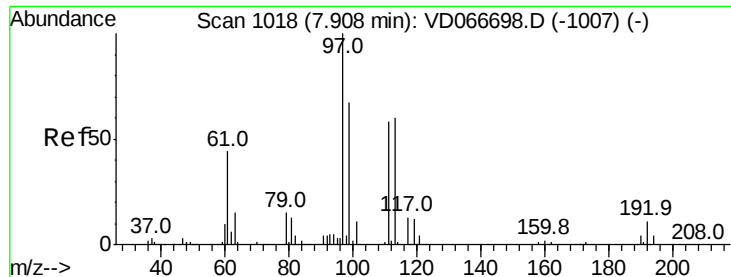
200000

100000

0

Time--> 8.80 8.85 8.90

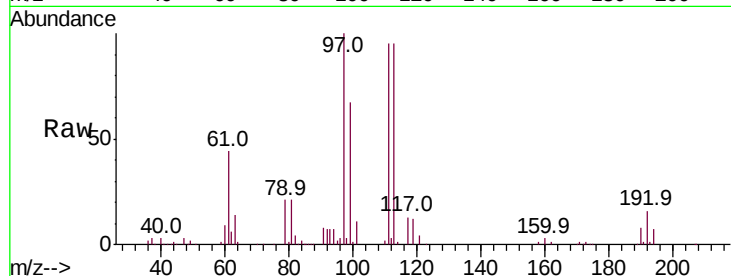




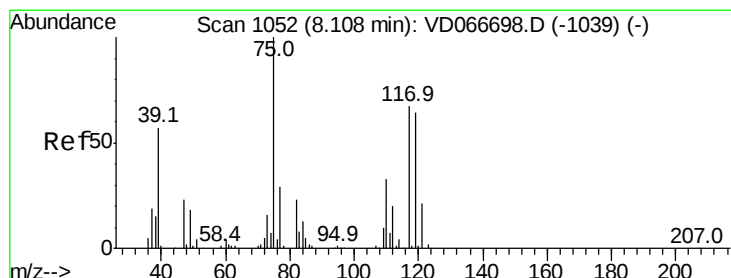
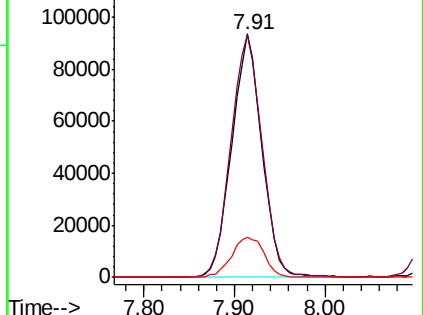
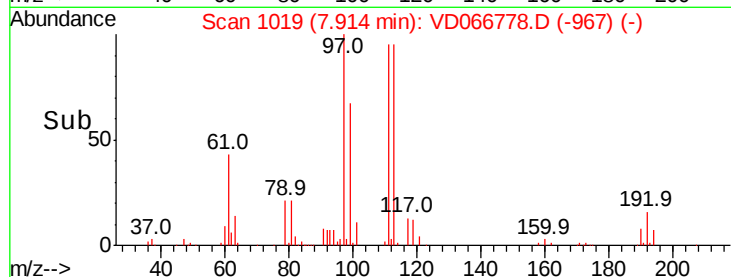
#35
 Dibromofluoromethane
 Concen: 53.449 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	18.0	14.8	22.2

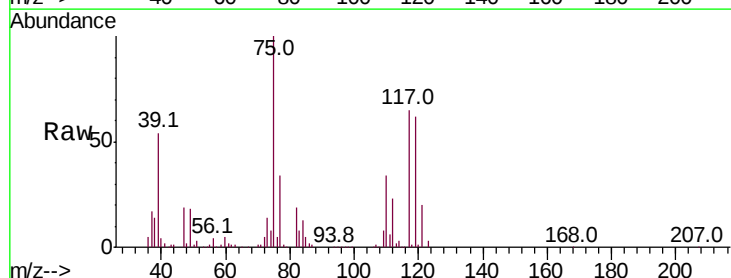


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

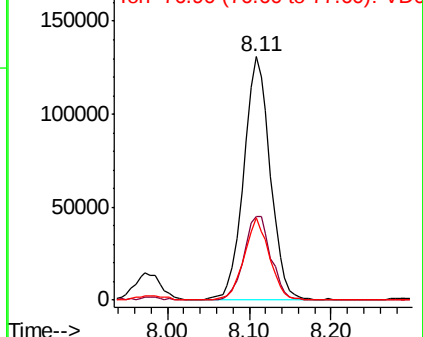
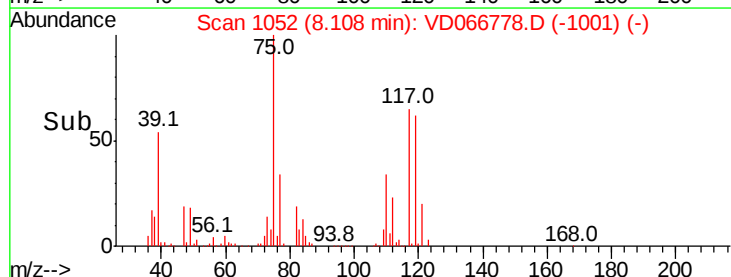


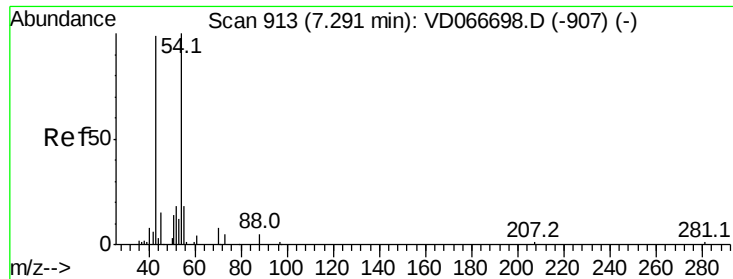
#36
 1,1-Dichloropropene
 Concen: 43.395 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.1	51.2
77	32.2	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

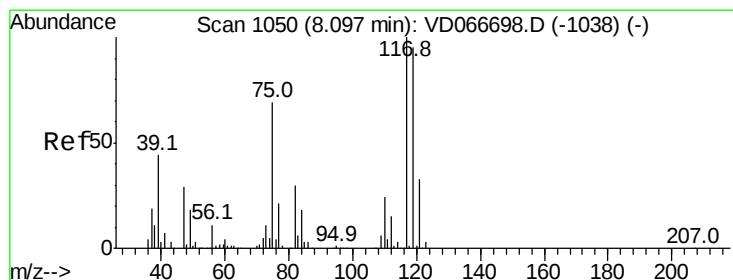
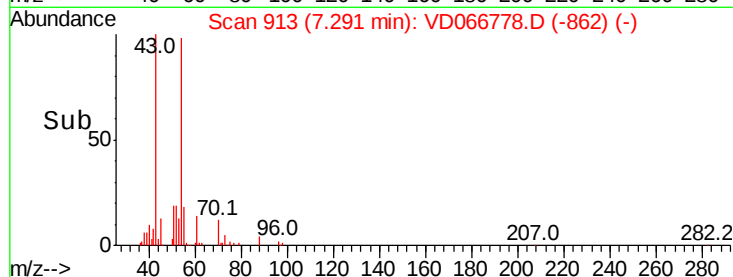
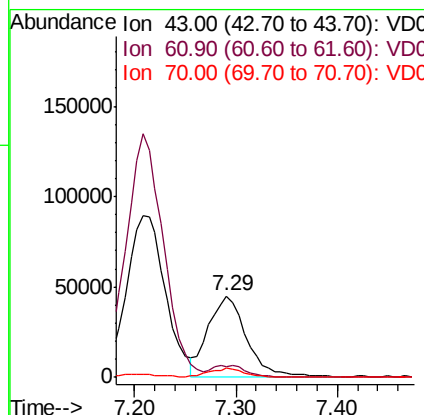
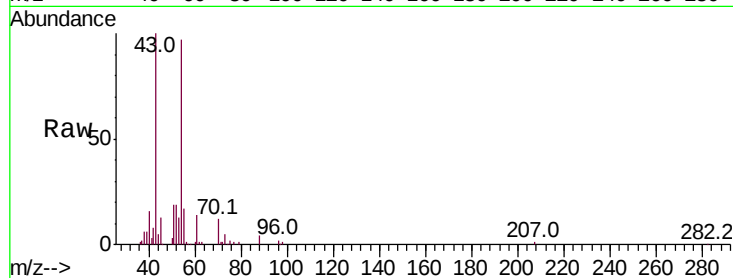




#37
Ethyl Acetate
Concen: 45.342 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

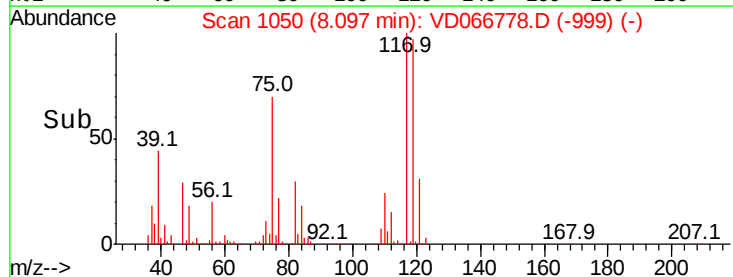
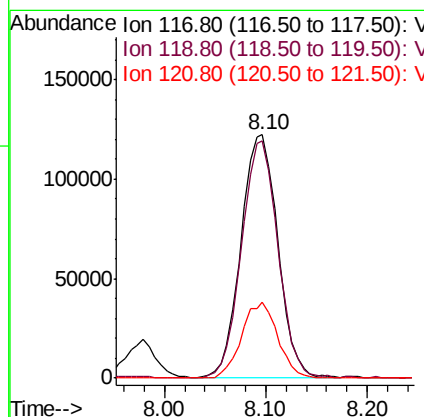
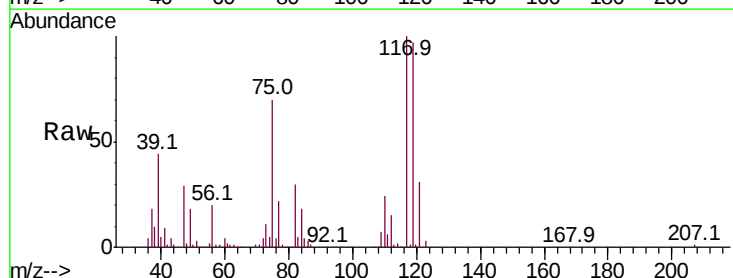
Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

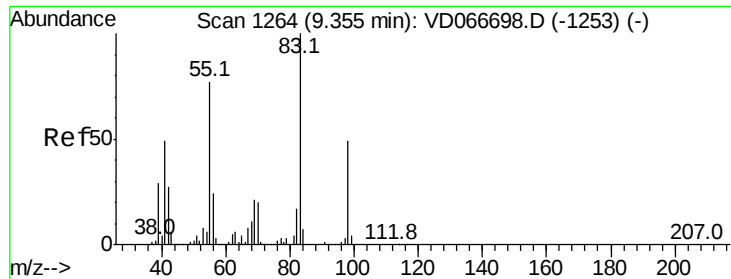
Tot Ion: 43 Resp: 116423
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 42.875 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 117 Resp: 308814
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
121 31.3 26.2 39.4

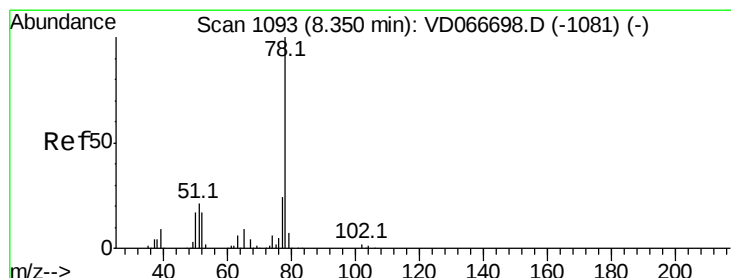
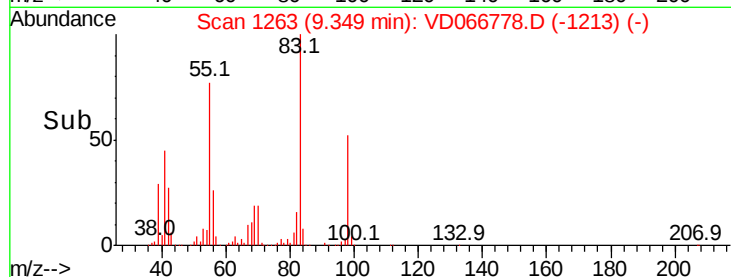
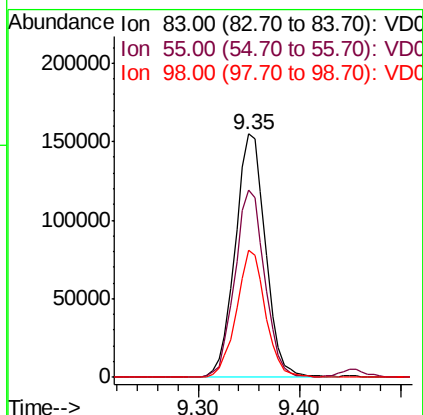
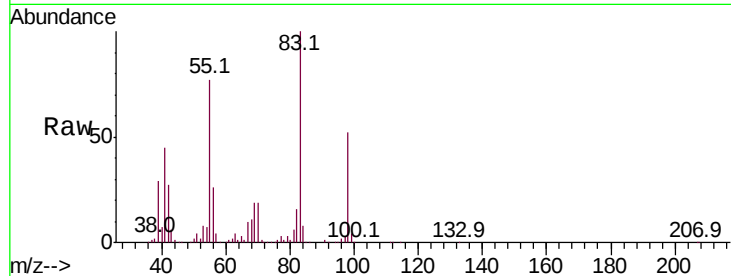




#39
Methvlcvclohexane
Concen: 41.456 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

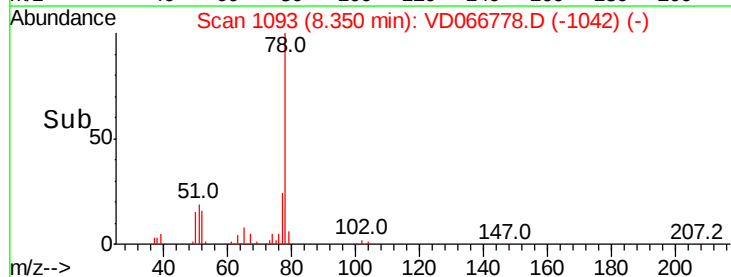
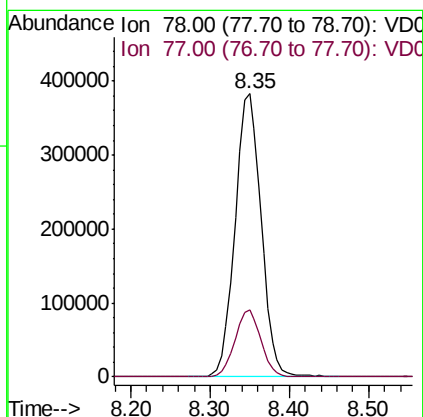
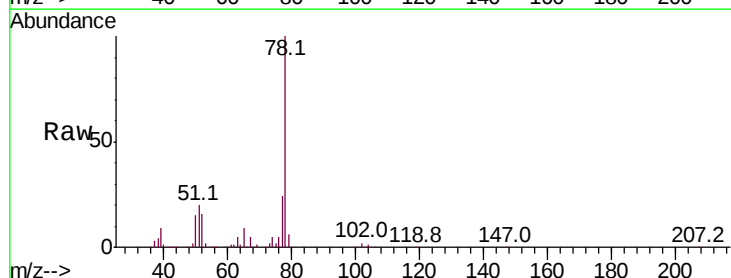
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

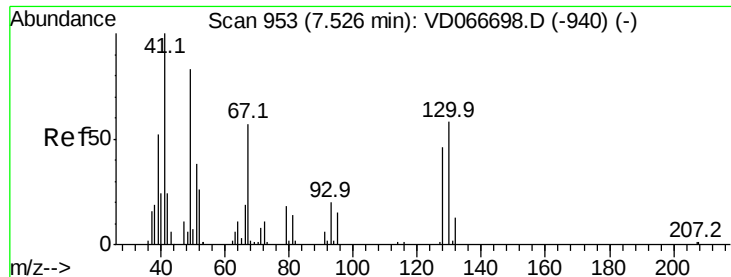
Tot Ion: 83 Resp: 321618
Ion Ratio Lower Upper
83 100
55 76.9 61.5 92.3
98 52.4 39.3 58.9



#40
Benzene
Concen: 47.565 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 78 Resp: 872787
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

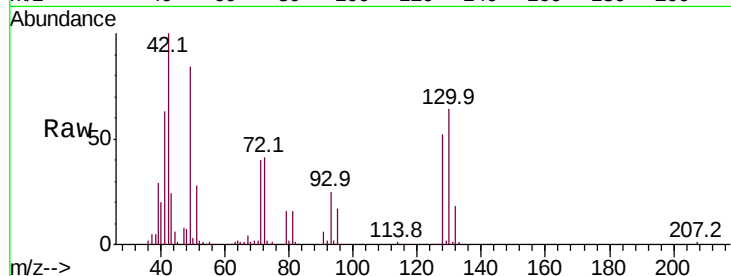




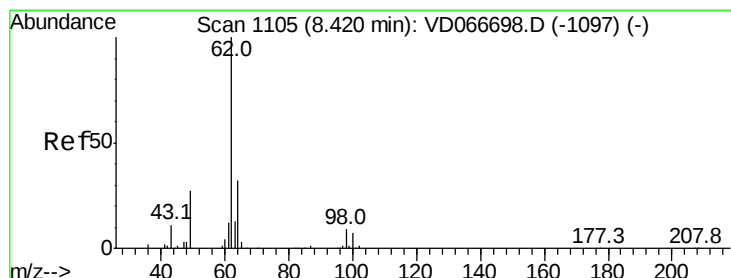
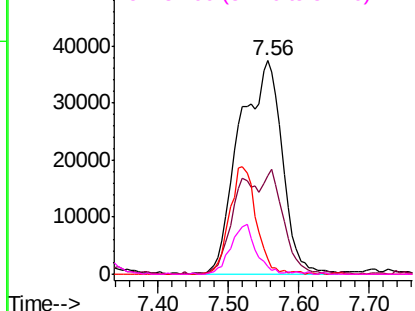
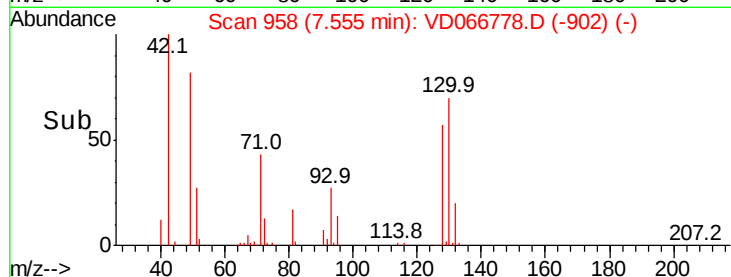
#41
Methacrylonitrile
Concen: 116.803 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 158777
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#

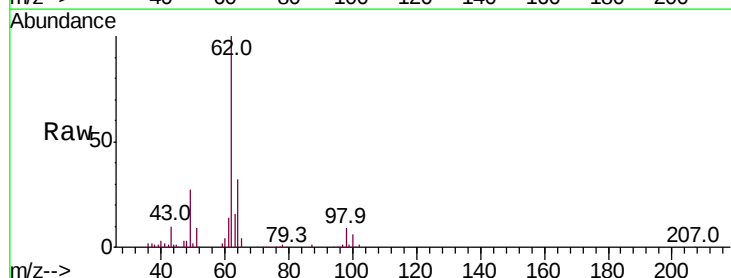


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

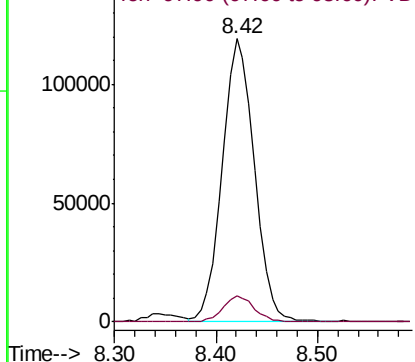
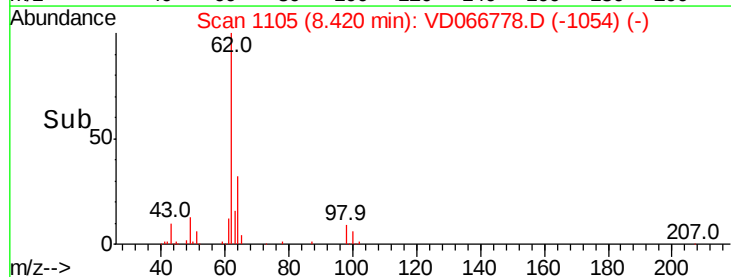


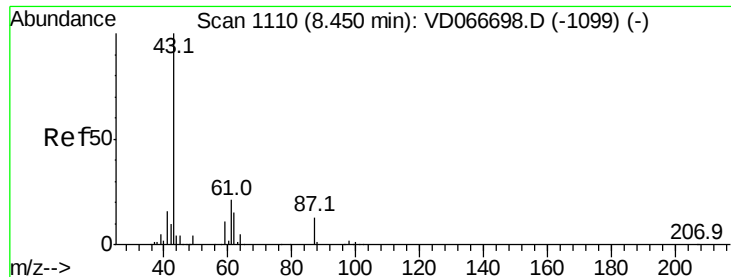
#42
1,2-Dichloroethane
Concen: 46.018 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 62 Resp: 261601
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 45.483 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

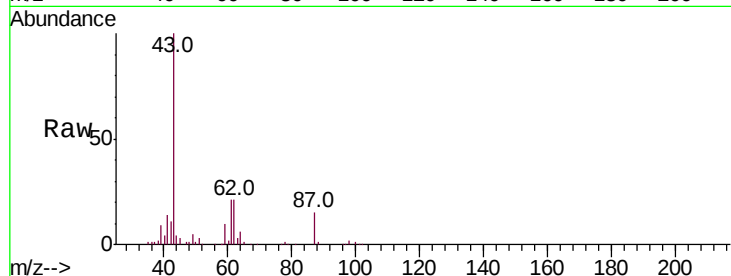
Tot Ion: 43 Resp: 219816

Ion Ratio Lower Upper

43 100

61 32.2 24.8 37.2

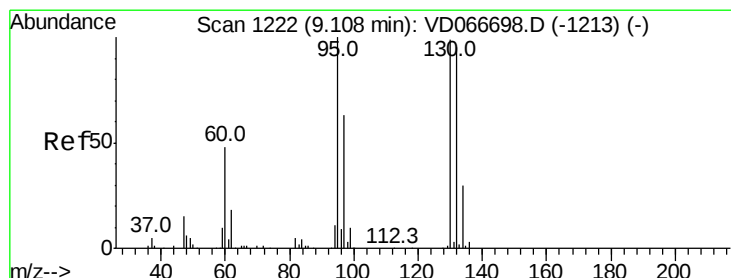
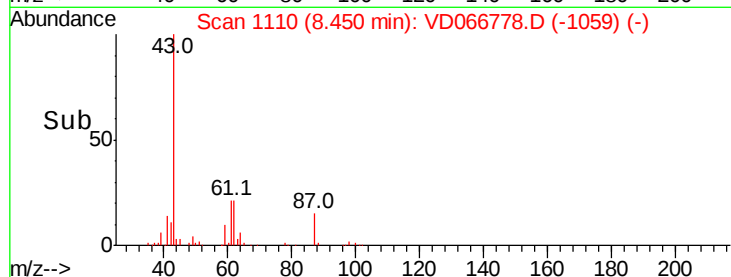
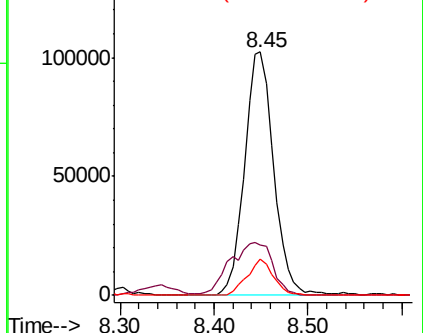
87 13.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.009 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066778.D

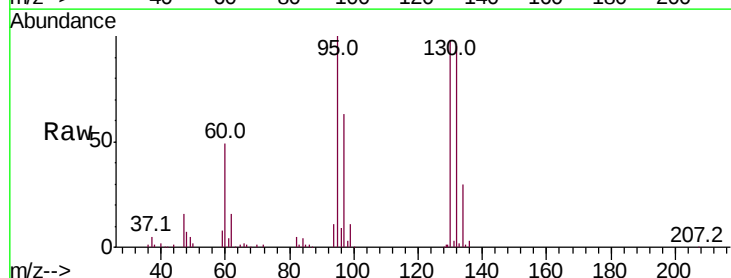
Acq: 18 Sep 2020 20:43

Tgt Ion:130 Resp: 230633

Ion Ratio Lower Upper

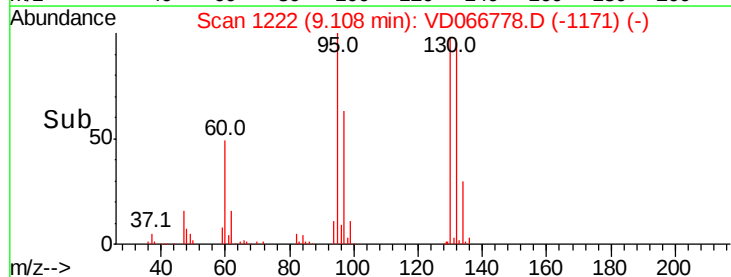
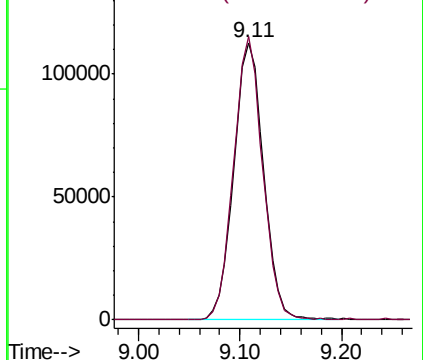
130 100

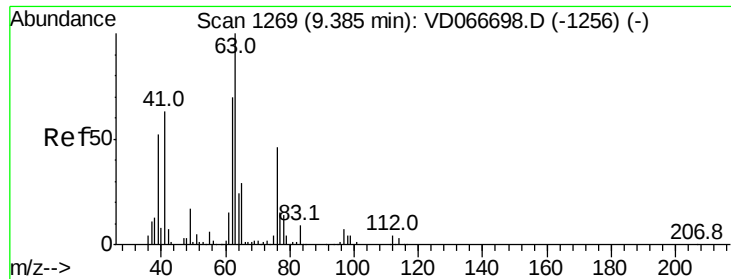
95 102.0 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.307 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

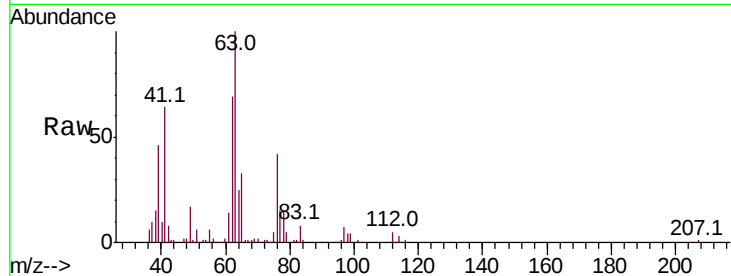
VSTDCCC050EC

Tot Ion: 63 Resp: 219134

Ion Ratio Lower Upper

63 100

65 32.7 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

60000

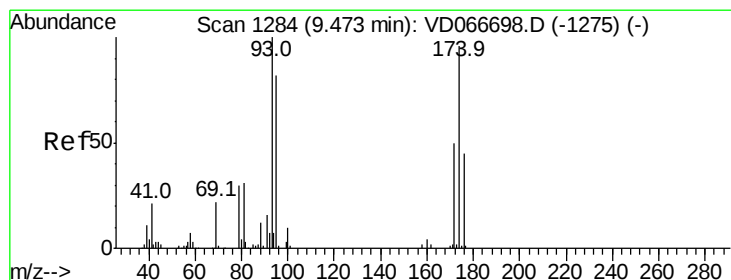
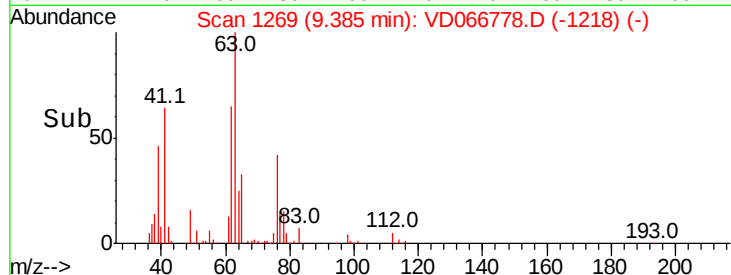
40000

20000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 47.680 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

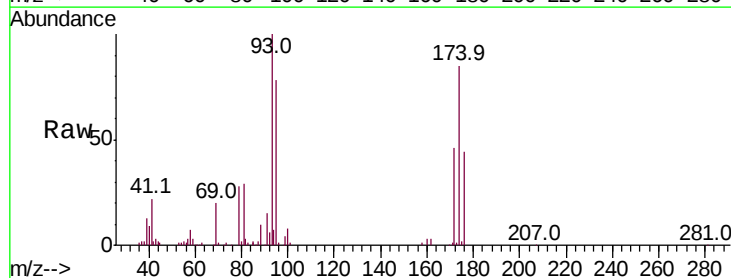
Tgt Ion: 93 Resp: 118852

Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 94.7 72.3 108.5



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.47

80000

60000

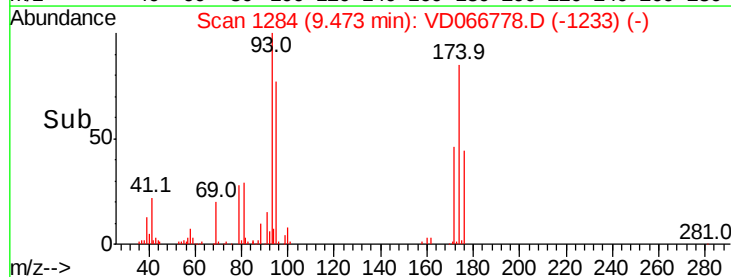
40000

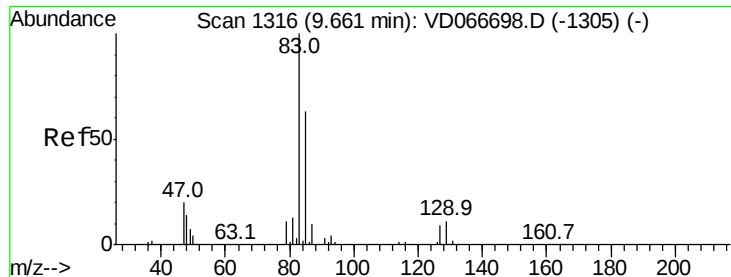
20000

0

Time-->

9.40 9.50 9.60





#47

Bromodichloromethane

Concen: 47.388 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

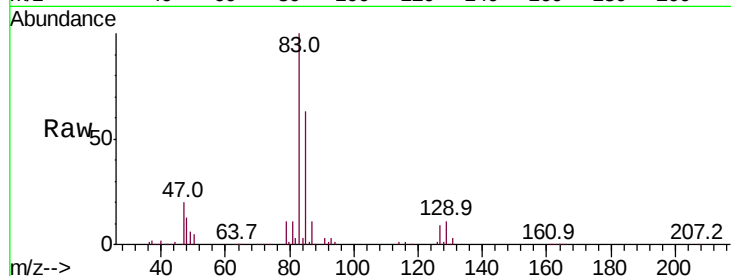
Tot Ion: 83 Resp: 321882

Ion Ratio Lower Upper

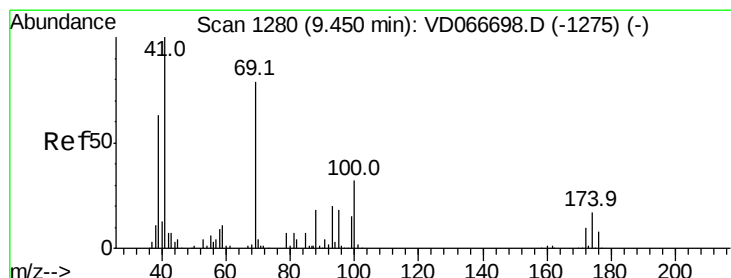
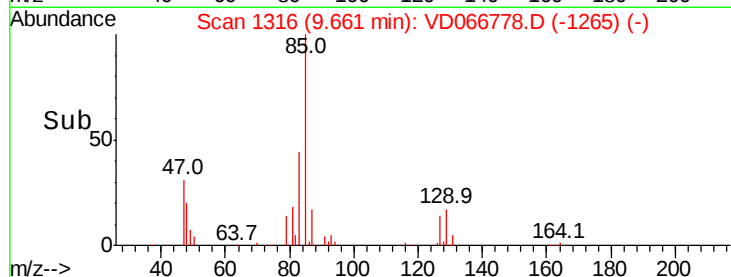
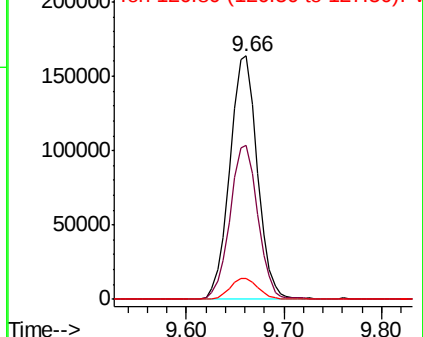
83 100

85 63.1 50.1 75.1

127 8.7 6.9 10.3



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: 45.695 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

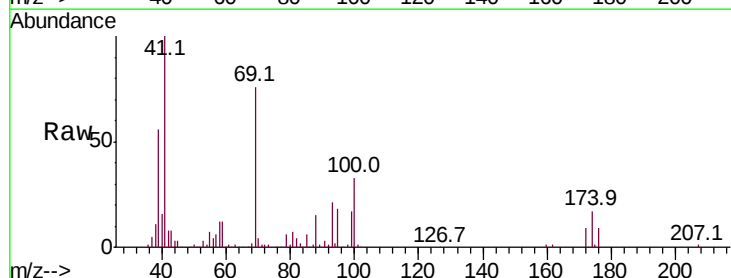
Tgt Ion: 41 Resp: 112331

Ion Ratio Lower Upper

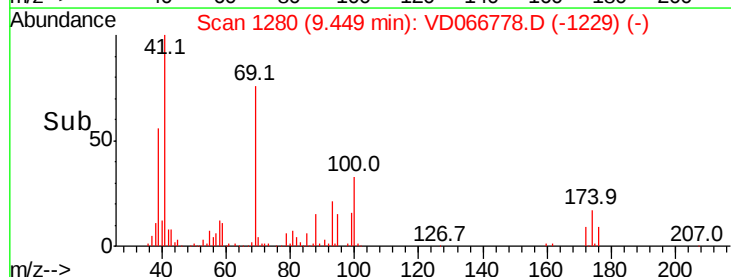
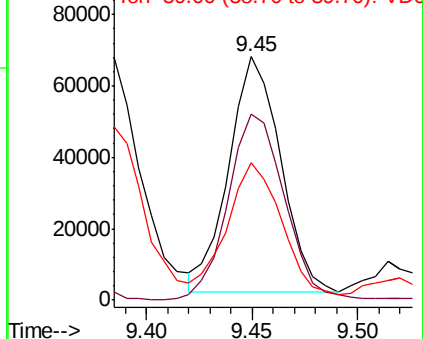
41 100

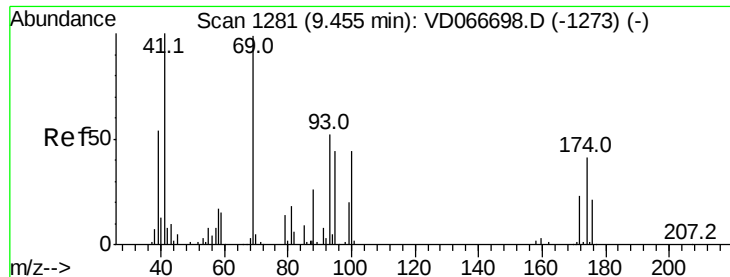
69 85.5 62.4 93.6

39 63.6 44.8 67.2



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: 970.646 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

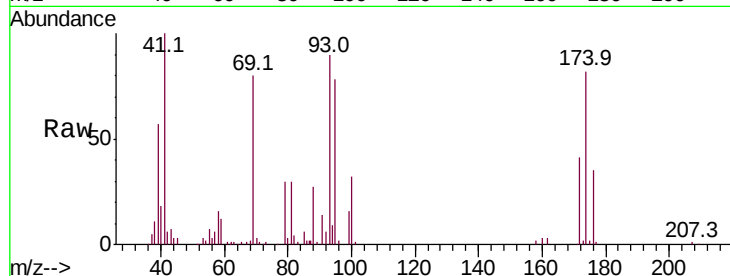
Tot Ion: 88 Resp: 25918

Ion Ratio Lower Upper

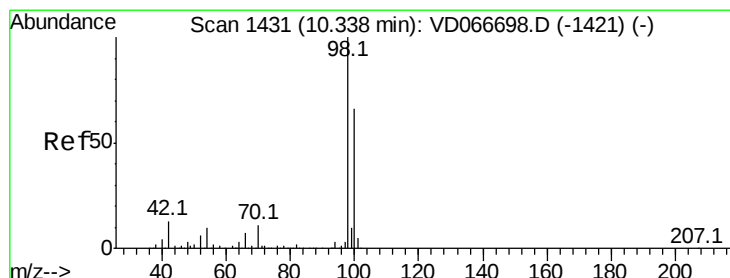
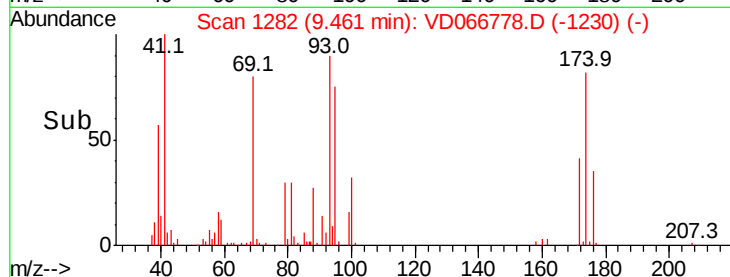
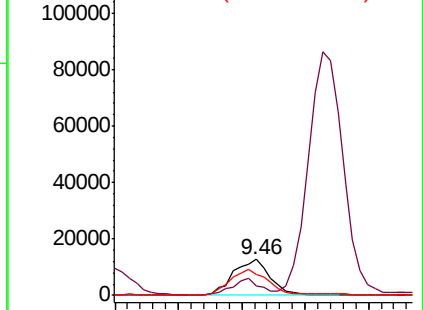
88 100

43 37.3 29.3 43.9

58 72.7 51.4 77.2



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



#50

Toluene-d8

Concen: 55.019 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066778.D

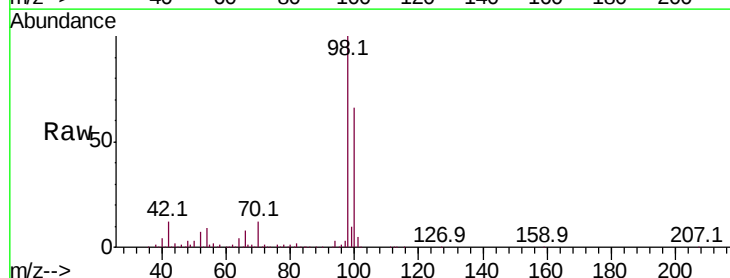
Acq: 18 Sep 2020 20:43

Tgt Ion: 98 Resp: 792797

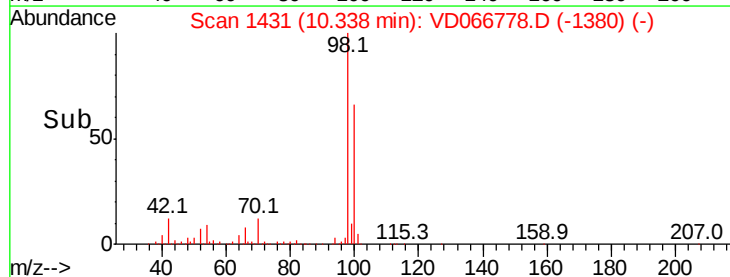
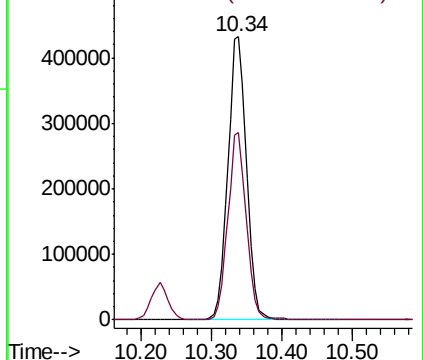
Ion Ratio Lower Upper

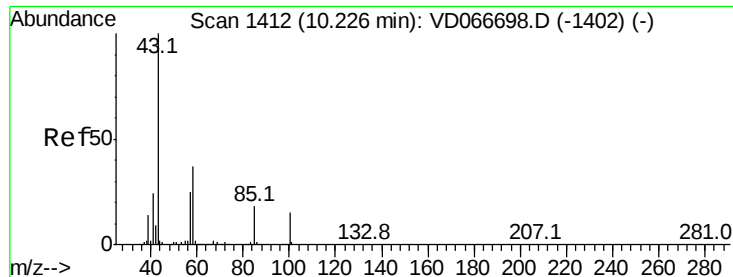
98 100

100 64.9 52.7 79.1



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: 232.464 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

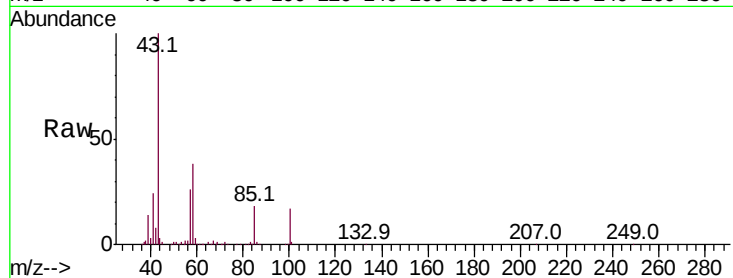
VSTDCCC050EC

Tot Ion: 43 Resp: 578405

Ion Ratio Lower Upper

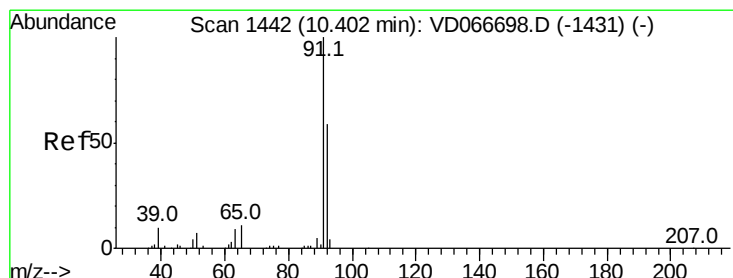
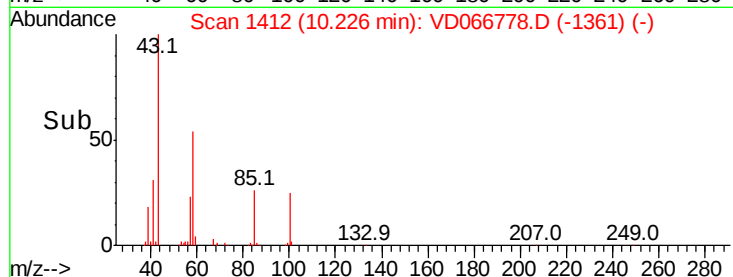
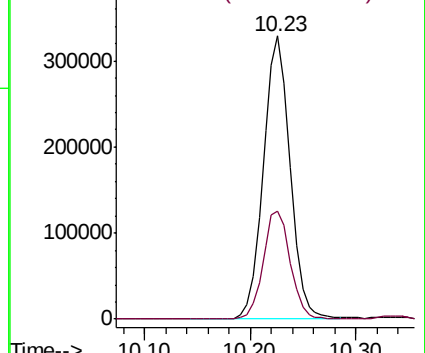
43 100

58 38.9 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.262 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066778.D

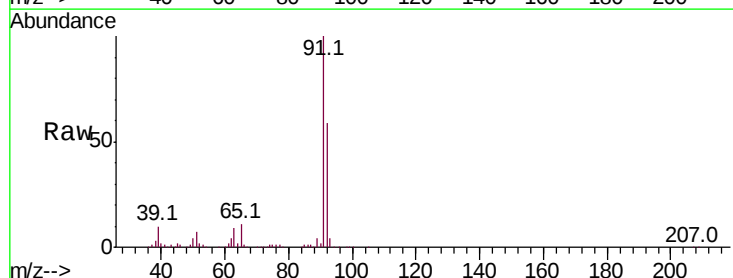
Acq: 18 Sep 2020 20:43

Tgt Ion: 92 Resp: 567319

Ion Ratio Lower Upper

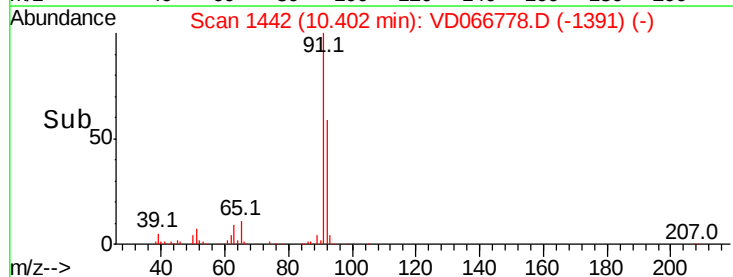
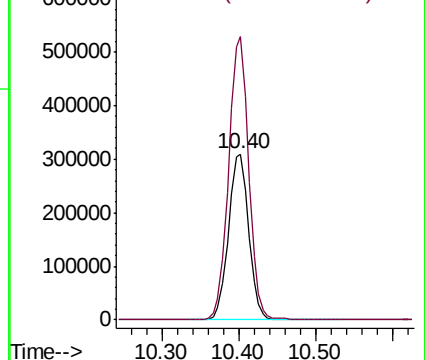
92 100

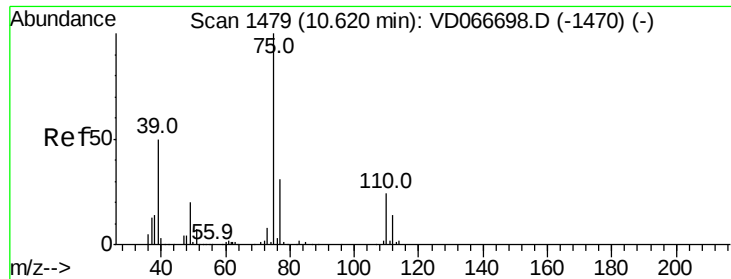
91 169.2 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 38.821 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

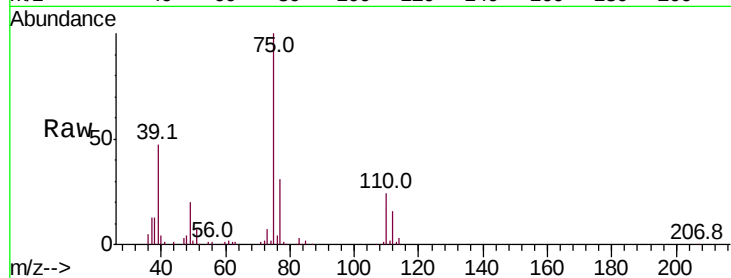
VSTDCCC050EC

Tot Ion: 75 Resp: 235558

Ion Ratio Lower Upper

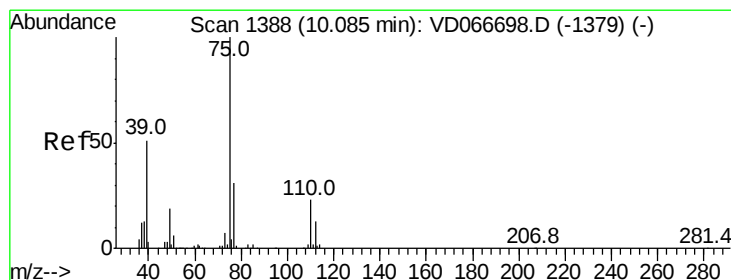
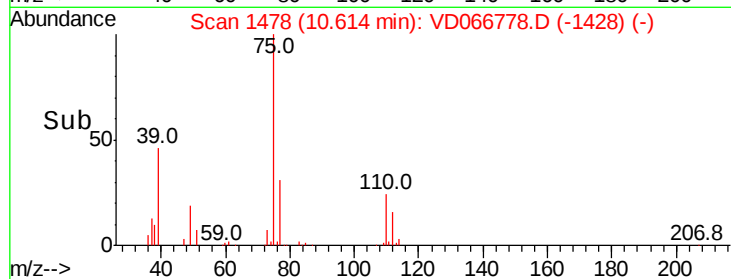
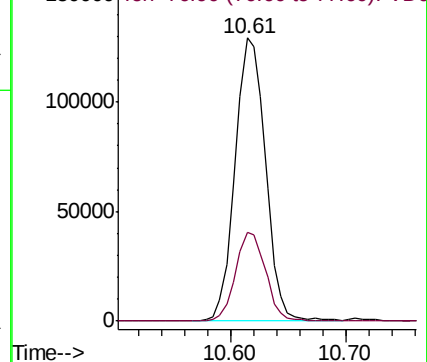
75 100

77 31.2 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 38.719 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

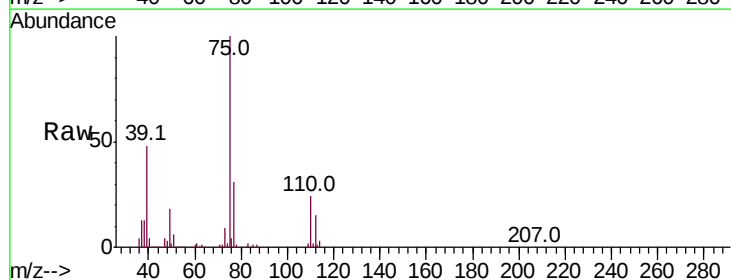
Tgt Ion: 75 Resp: 279053

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

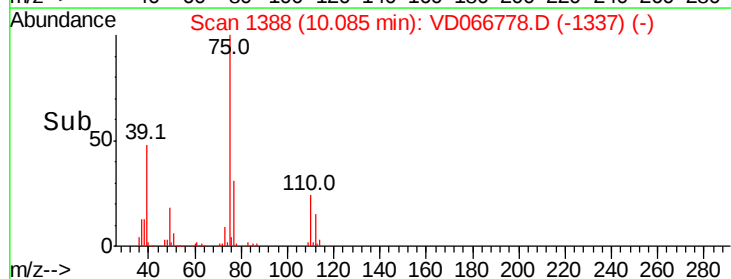
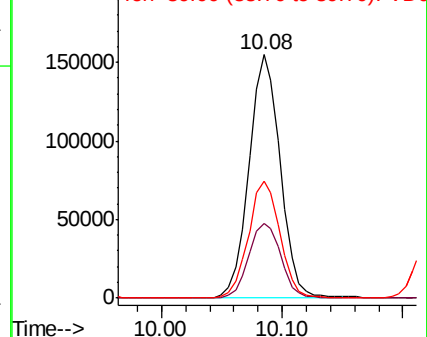
39 48.1 40.6 61.0

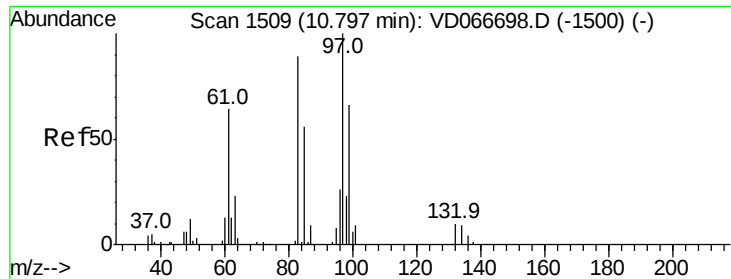


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 47.306 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 155473

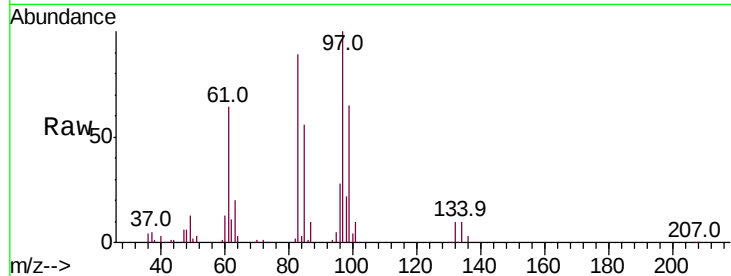
Ion Ratio Lower Upper

97 100

83 88.5 71.4 107.2

85 56.1 44.7 67.1

99 65.2 52.4 78.6

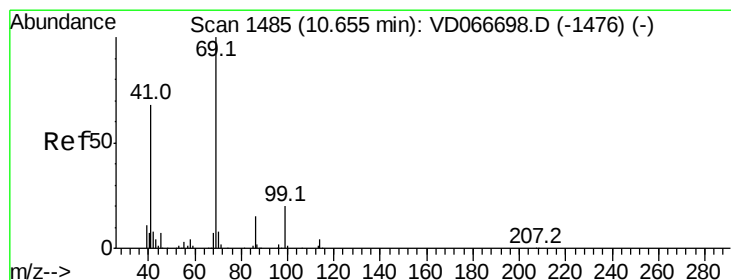
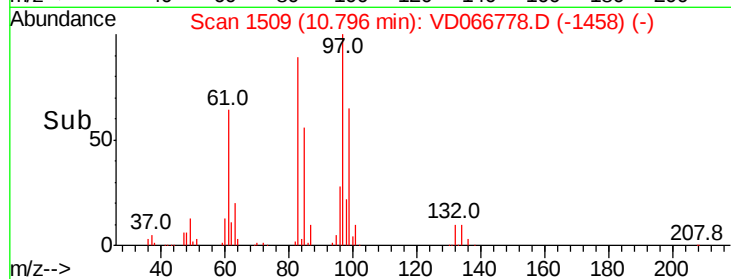
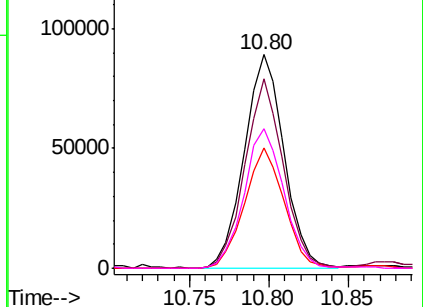


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 48.562 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

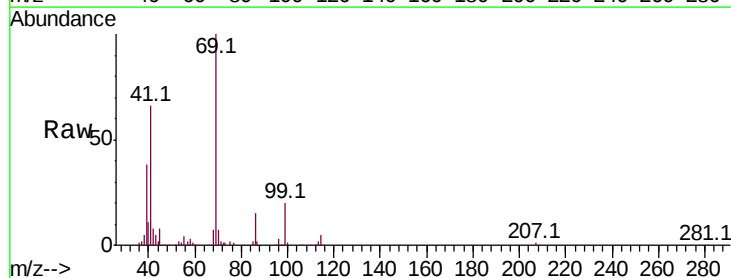
Tgt Ion: 69 Resp: 181118

Ion Ratio Lower Upper

69 100

41 68.8 55.5 83.3

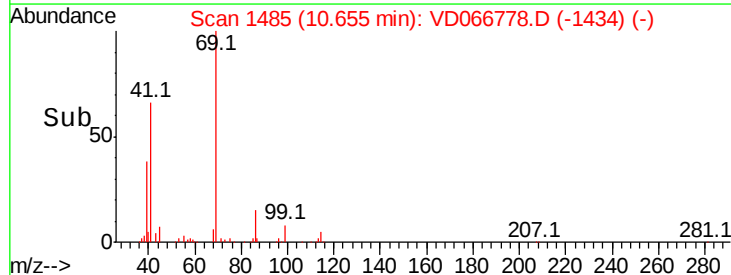
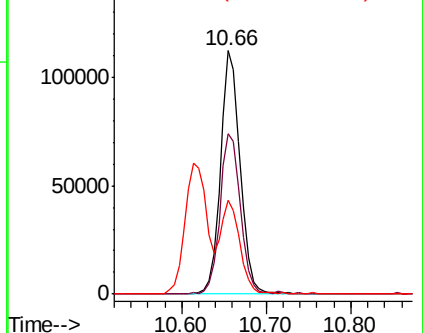
39 37.6 29.7 44.5

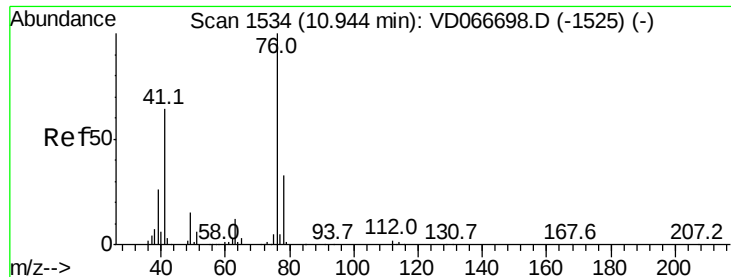


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 47.209 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

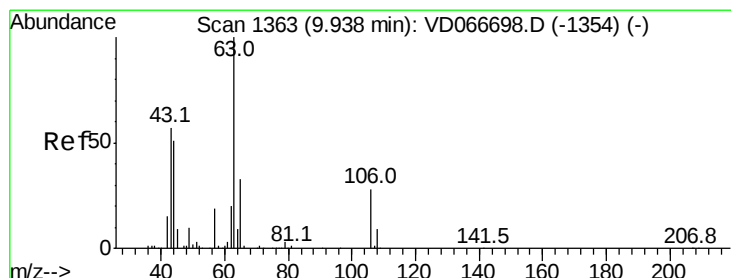
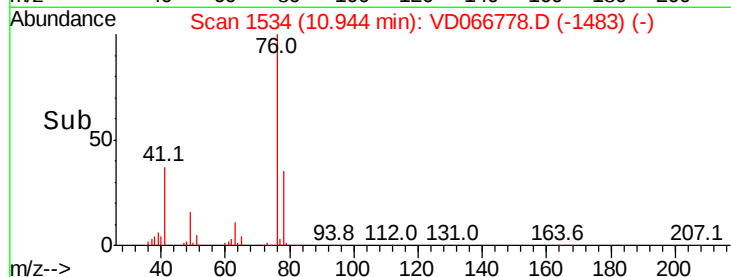
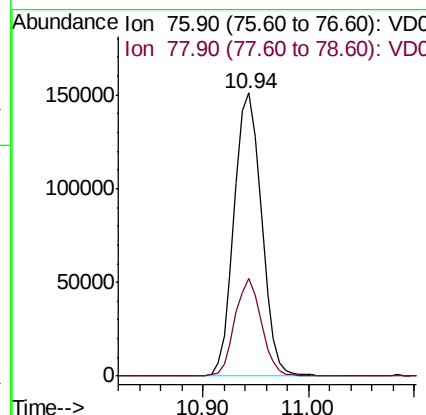
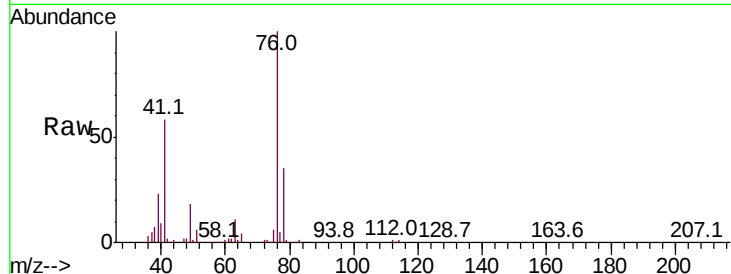
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 272286

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 283.932 ug/l

RT: 9.94 min Scan# 1363

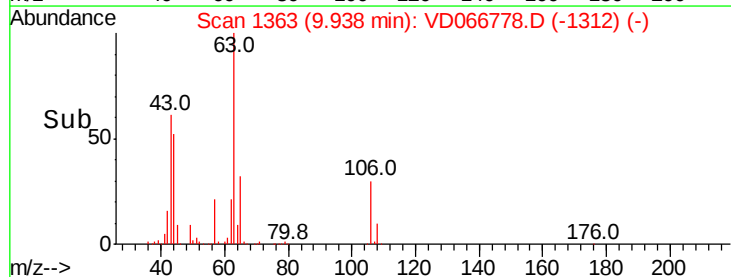
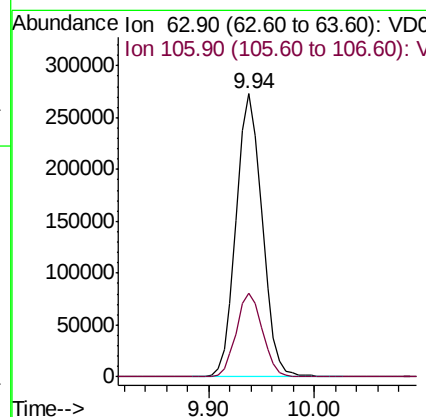
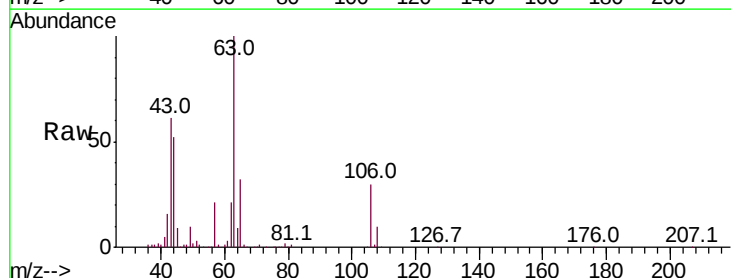
Delta R.T. -0.00 min

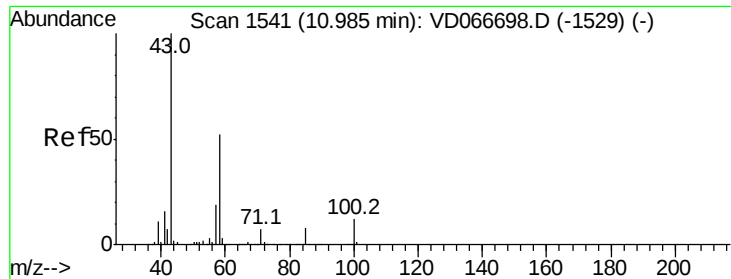
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion: 63 Resp: 465085

Ion	Ratio	Lower	Upper
63	100		
106	29.9	22.2	33.4

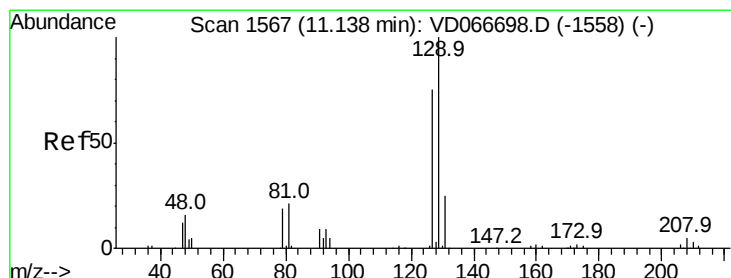
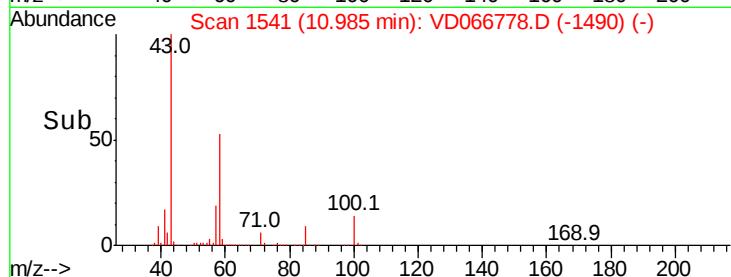
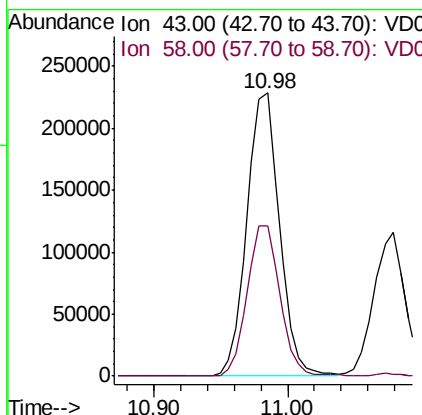
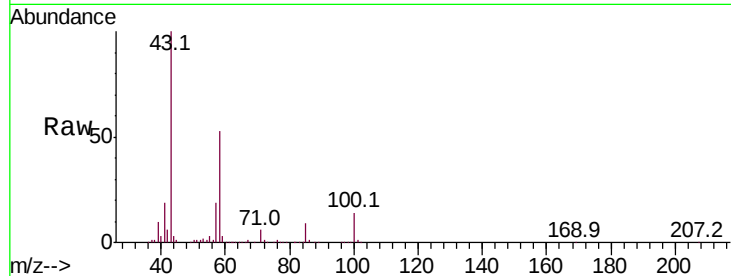




#59
2-Hexanone
Concen: 230.213 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

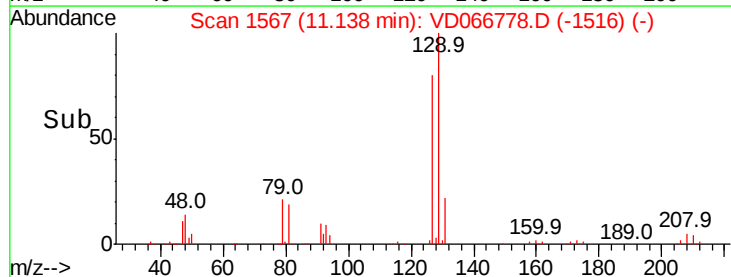
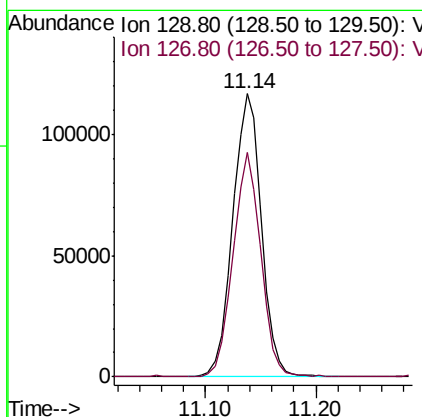
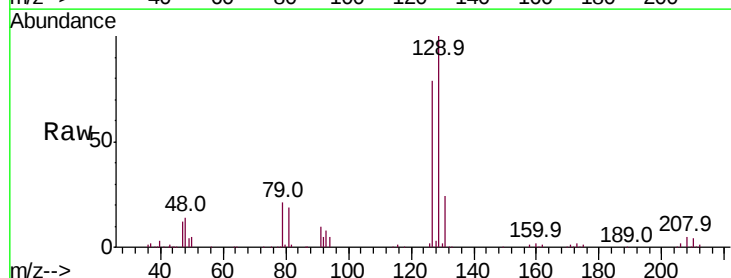
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

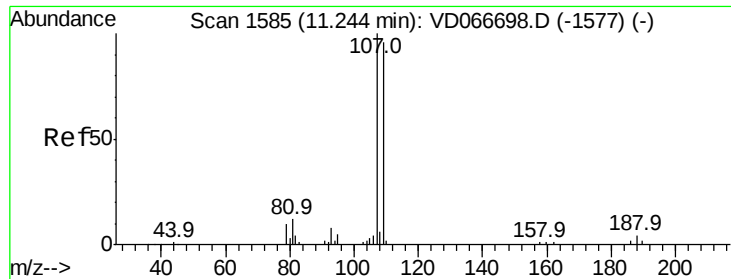
Tot Ion: 43 Resp: 384876
Ion Ratio Lower Upper
43 100
58 53.3 26.2 78.5



#60
Dibromochloromethane
Concen: 49.638 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 129 Resp: 212570
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

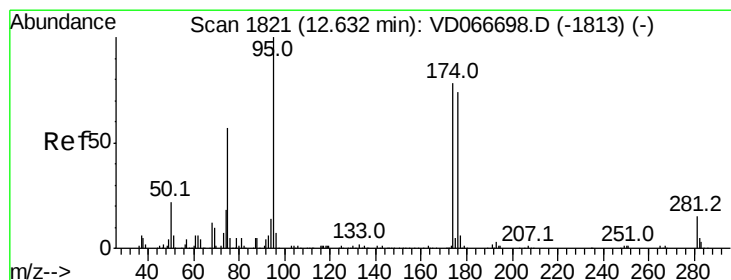
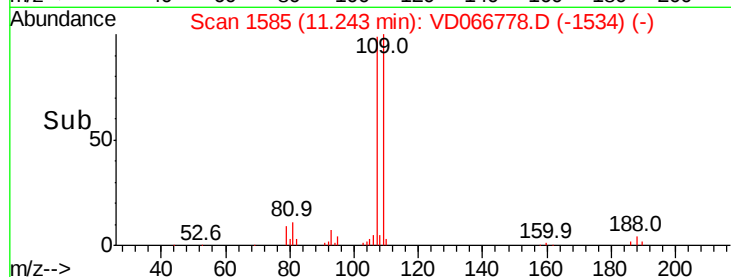
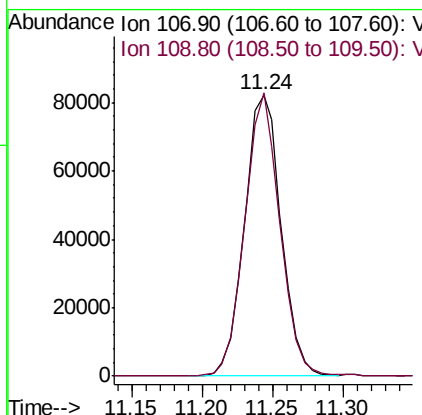
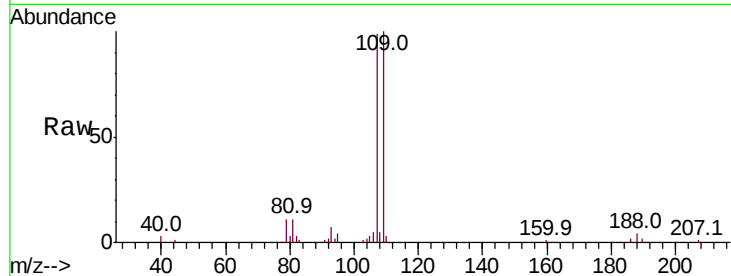




#61
 1,2-Dibromoethane
 Concen: 47.429 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

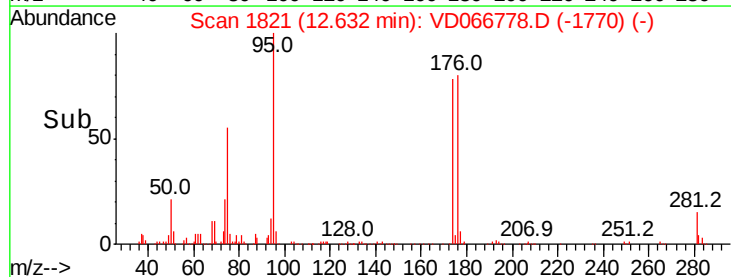
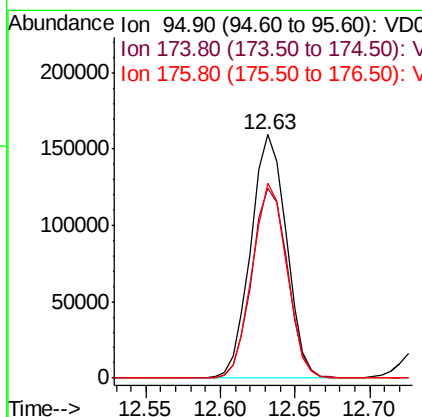
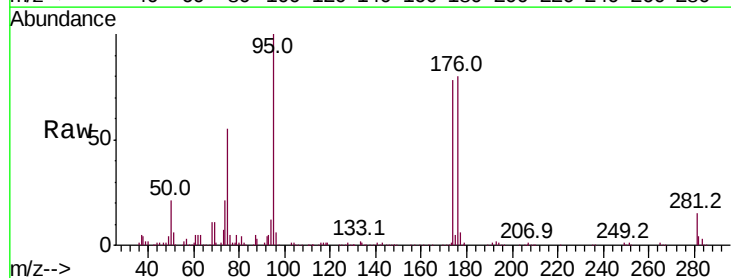
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

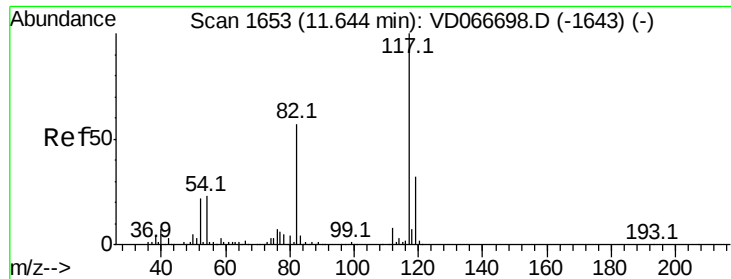
Tot Ion:107 Resp: 149527
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.988 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion: 95 Resp: 263561
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 156.6
 176 77.8 0.0 150.2

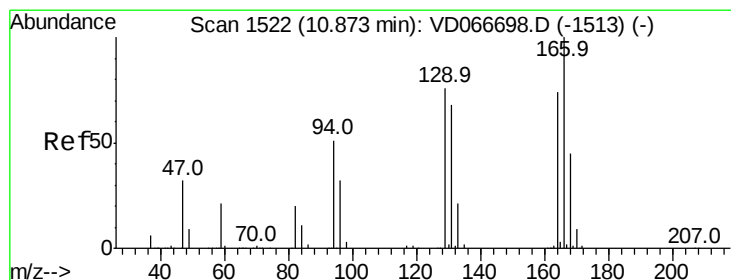
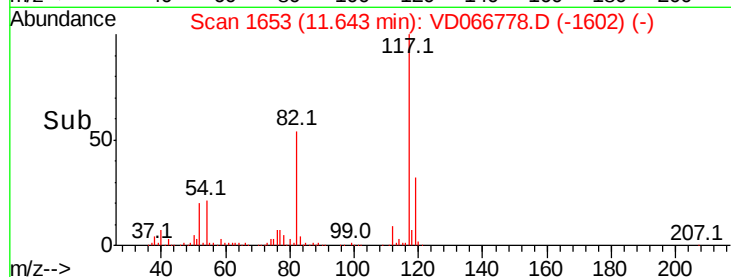
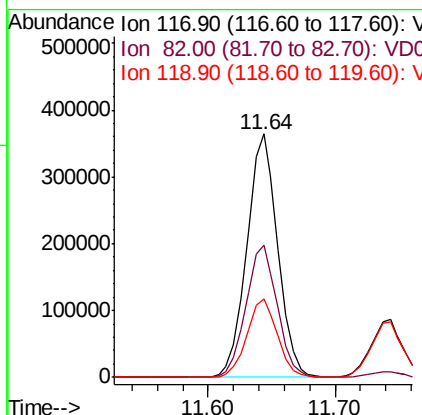
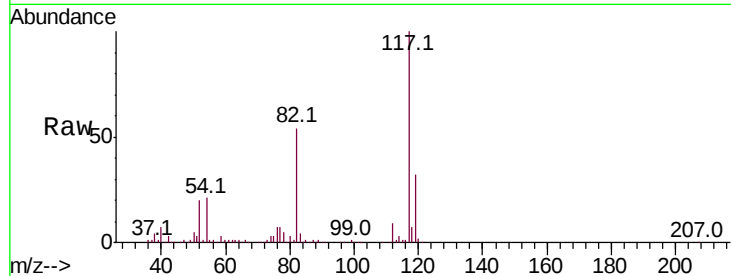




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

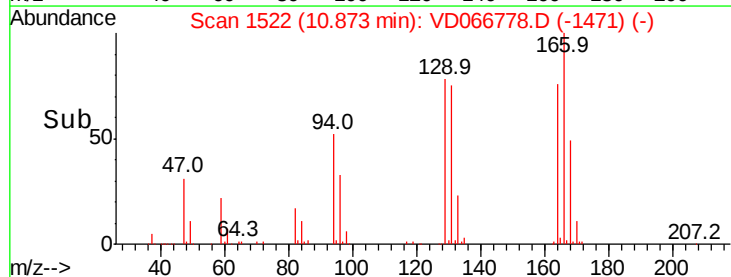
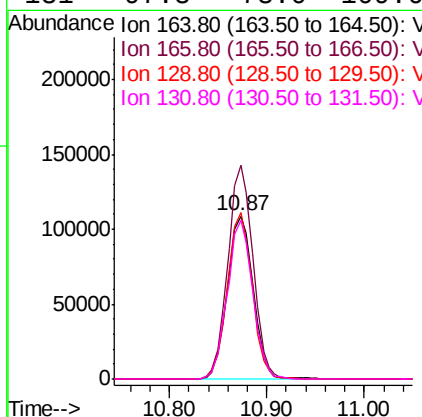
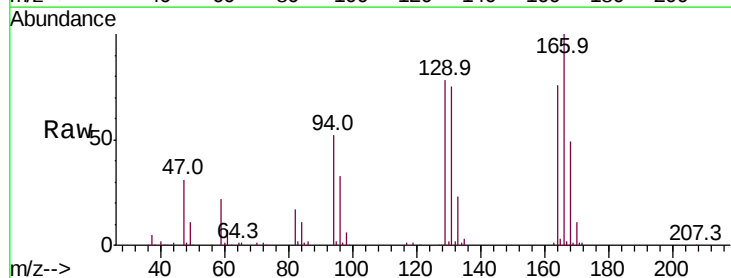
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

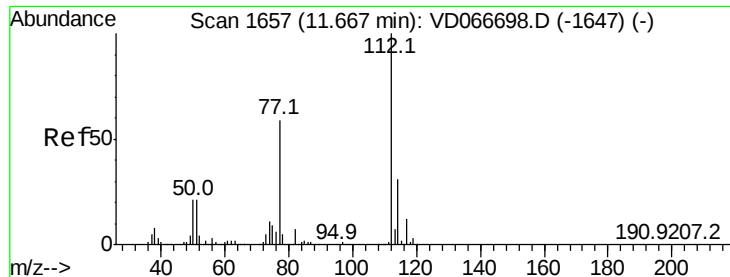
Tot Ion:117 Resp: 616052
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 47.879 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:164 Resp: 201350
Ion Ratio Lower Upper
164 100
166 131.1 107.5 161.3
129 102.3 81.4 122.0
131 97.8 73.0 109.6

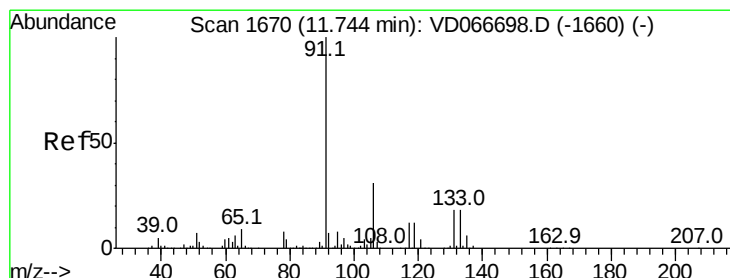
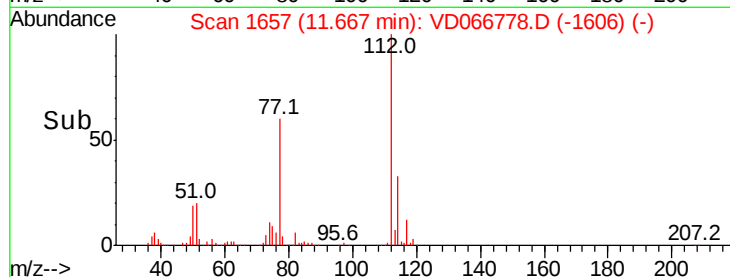
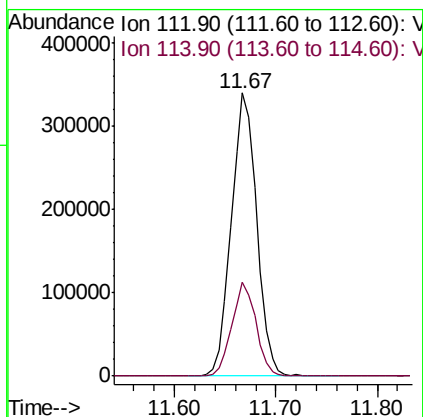
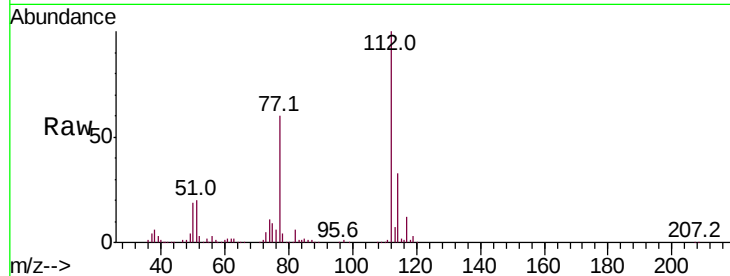




#65
Chlorobenzene
Concen: 46.269 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

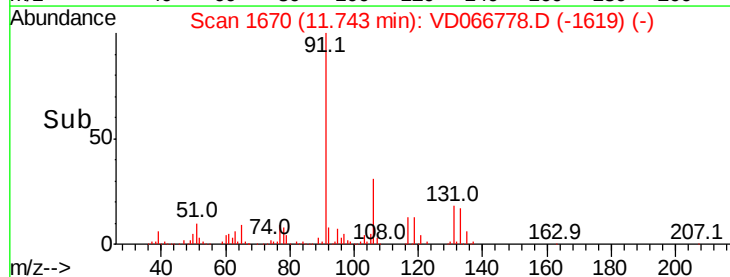
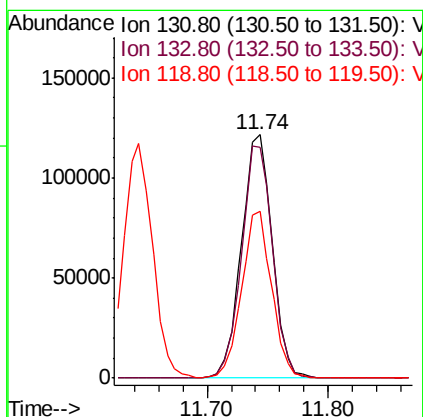
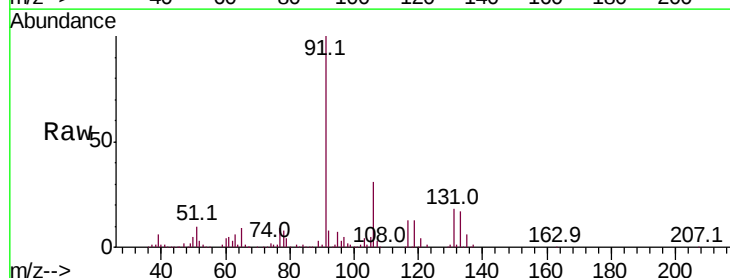
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

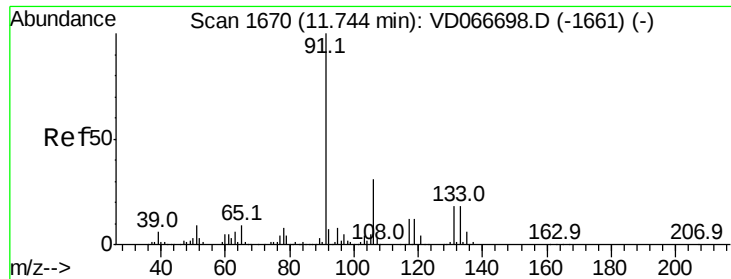
Tot Ion:112 Resp: 590150
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.047 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:131 Resp: 216702
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 66.9 33.6 100.8





#67

Ethyl Benzene

Concen: 45.626 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

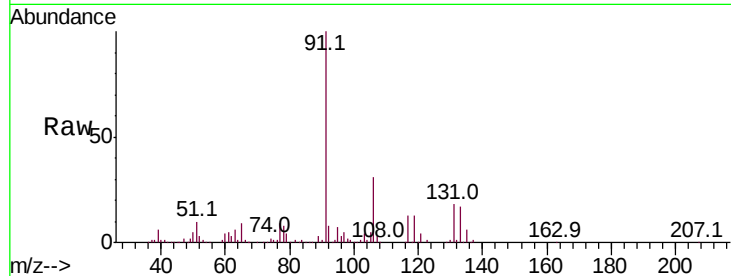
VSTDCCC050EC

Tot Ion: 91 Resp: 1054093

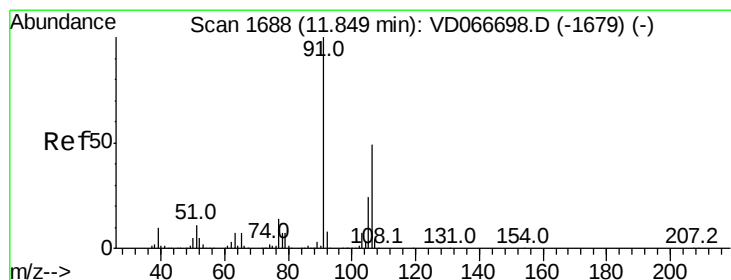
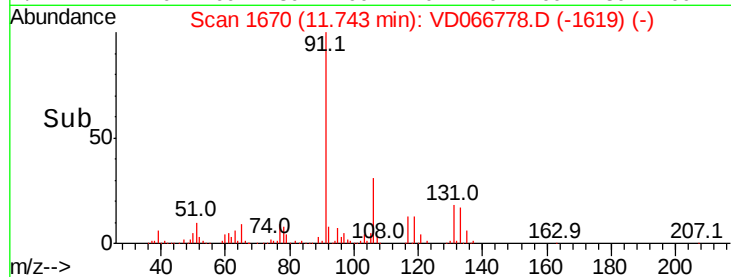
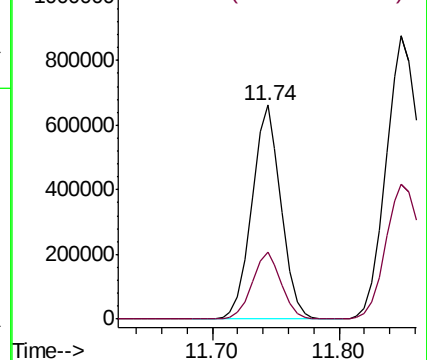
Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VD066778.D (-1619) (-)



#68

m/p-Xylenes

Concen: 92.472 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066778.D

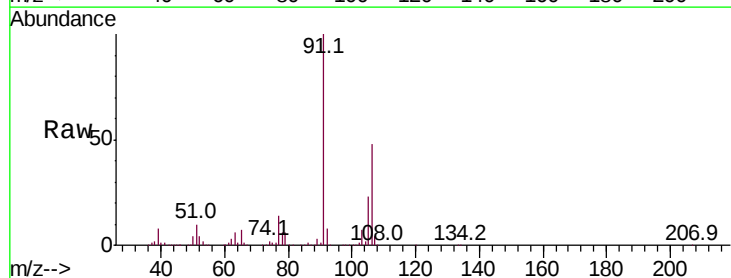
Acq: 18 Sep 2020 20:43

Tgt Ion: 106 Resp: 807452

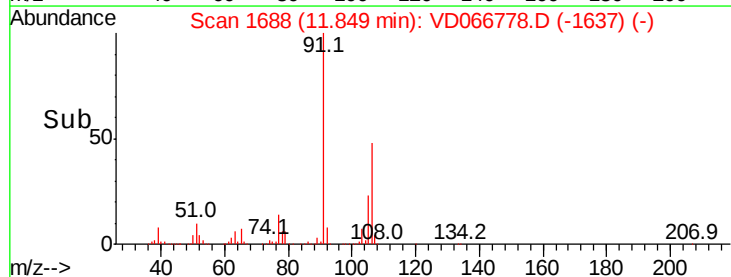
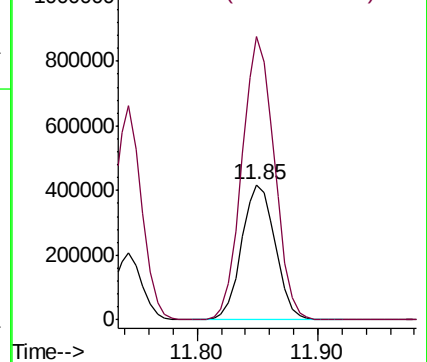
Ion Ratio Lower Upper

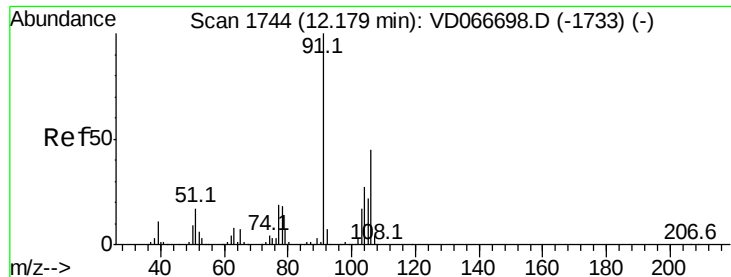
106 100

91 203.1 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): VD066778.D (-1637) (-)

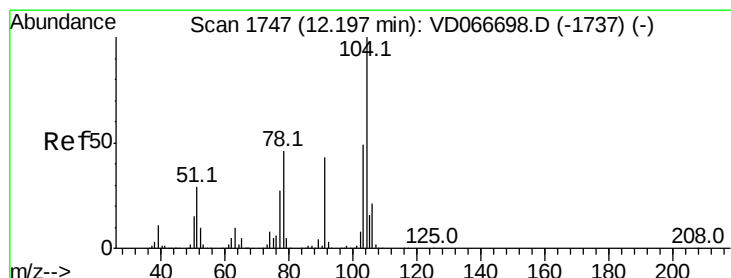
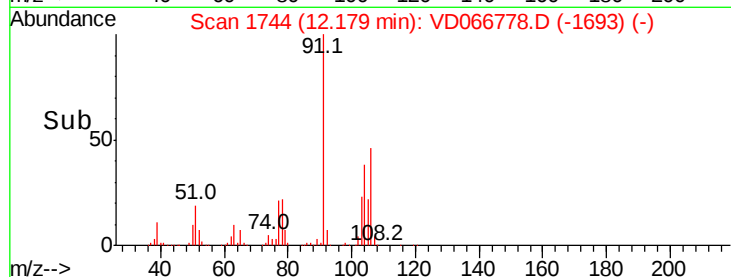
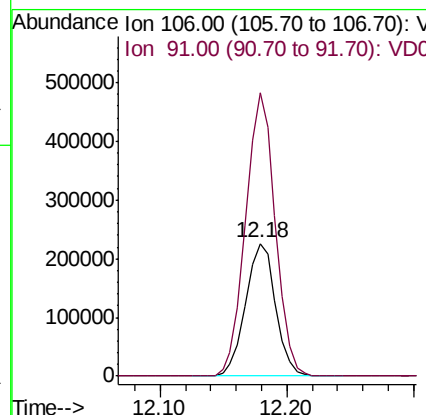
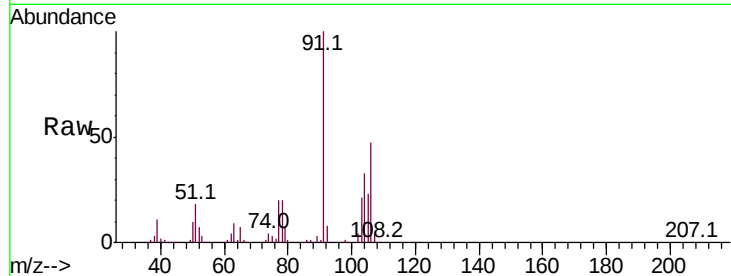




#69
o-Xylene
Concen: 47.994 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

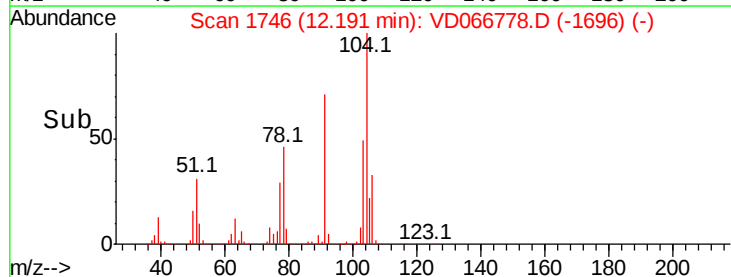
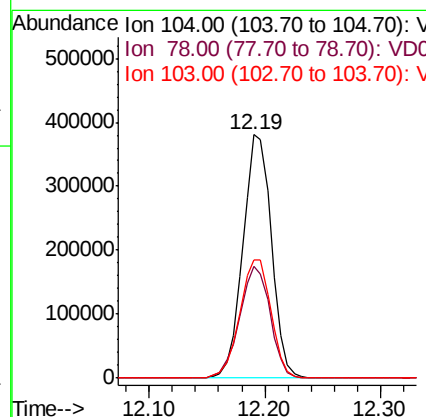
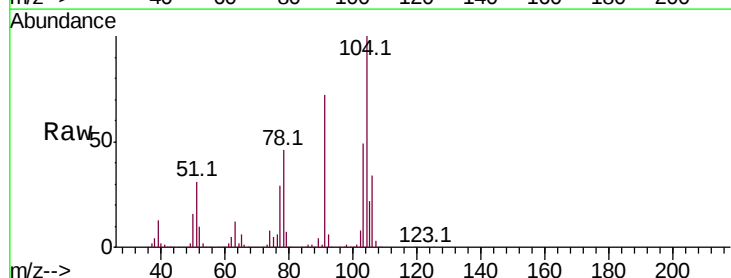
Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

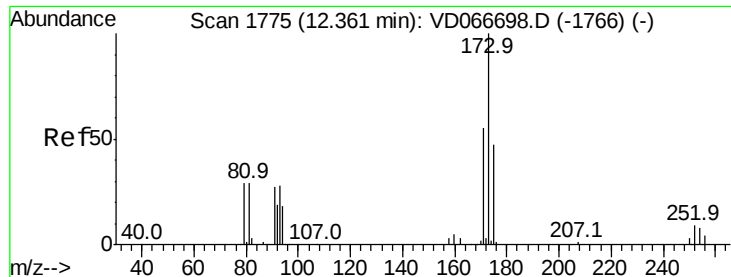
Tot Ion:106 Resp: 370337
Ion Ratio Lower Upper
106 100
91 211.4 109.4 328.2



#70
Styrene
Concen: 48.000 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:104 Resp: 651889
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.4
103 53.3 42.5 63.7





#71

Bromoform

Concen: 46.856 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

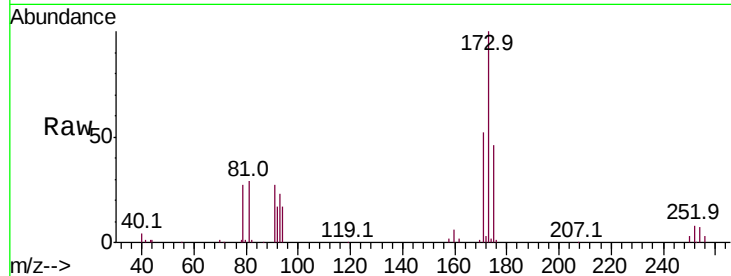
Tot Ion:173 Resp: 110664

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

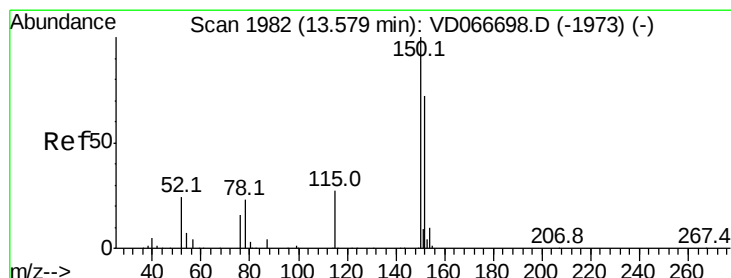
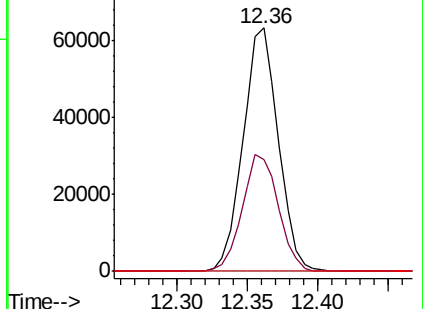
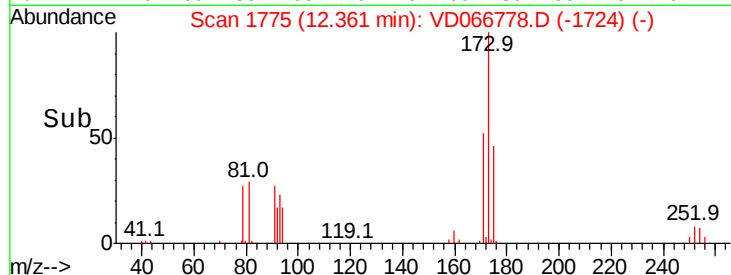
254 0.0 0.1 0.1#



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: VD066778.D

Acq: 18 Sep 2020 20:43

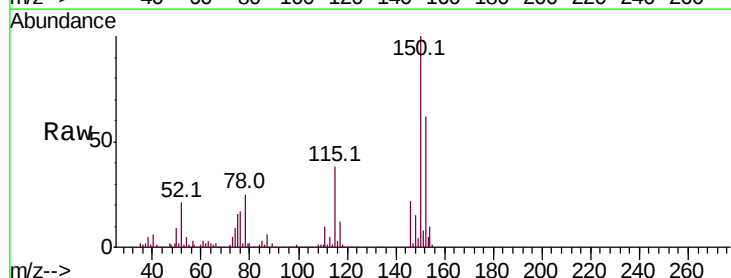
Tgt Ion:152 Resp: 285397

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

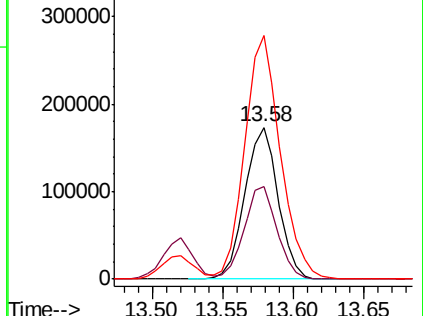
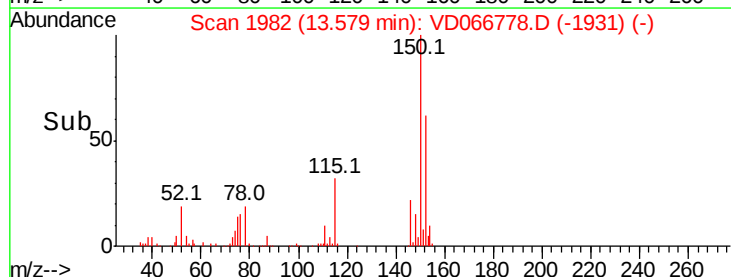
150 172.4 0.0 344.6

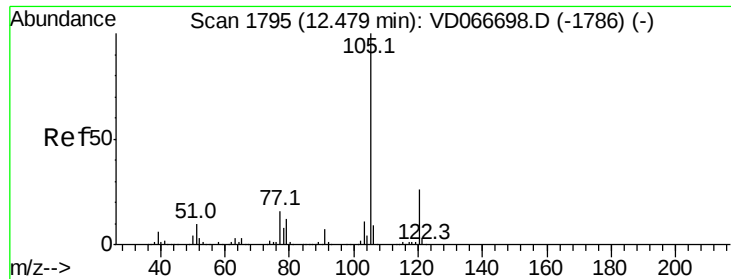


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.527 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

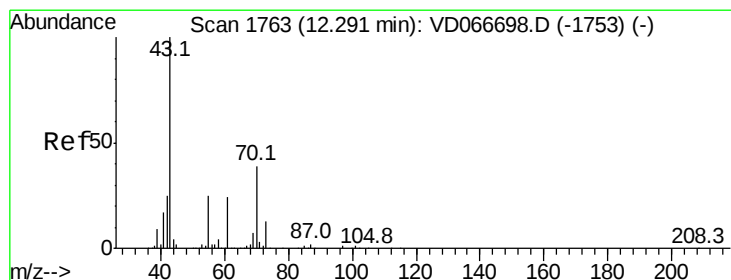
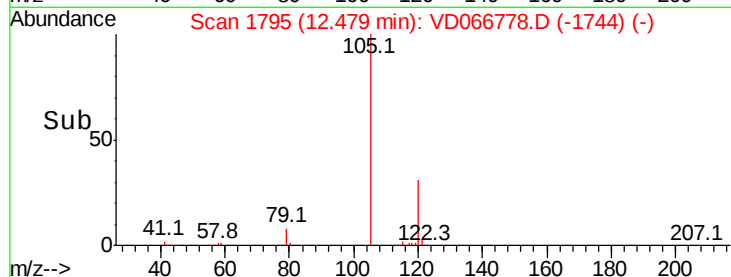
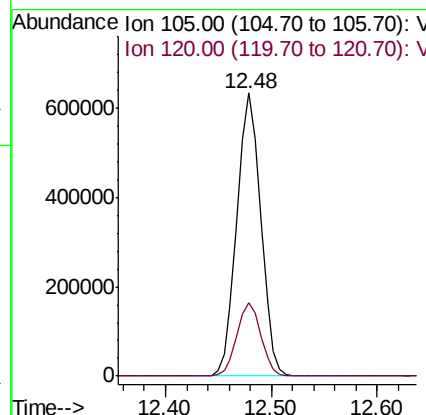
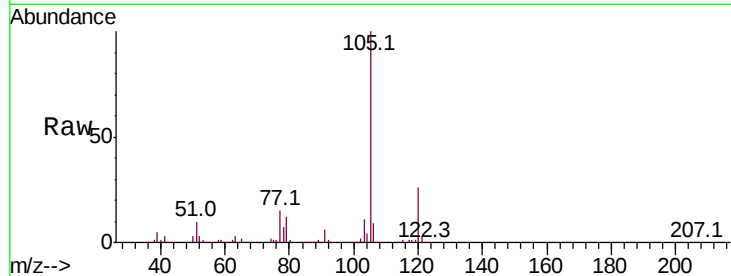
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 991283

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.1



#74

N-ethyl acetate

Concen: 44.171 ug/l

RT: 12.29 min Scan# 1763

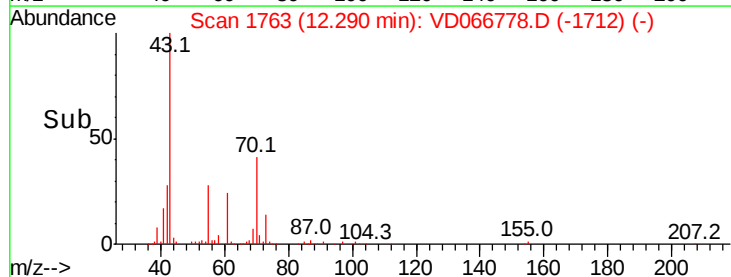
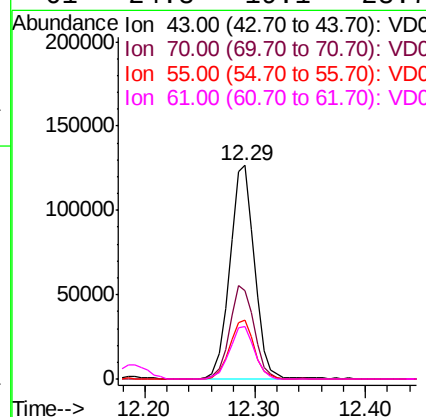
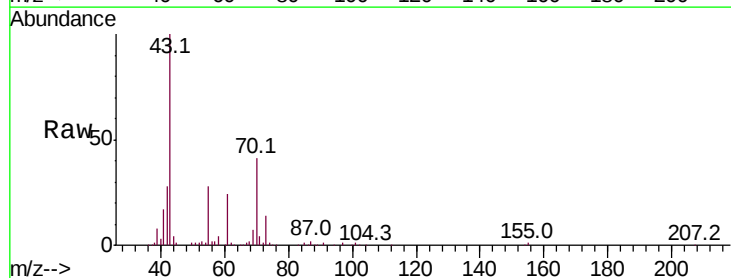
Delta R.T. -0.00 min

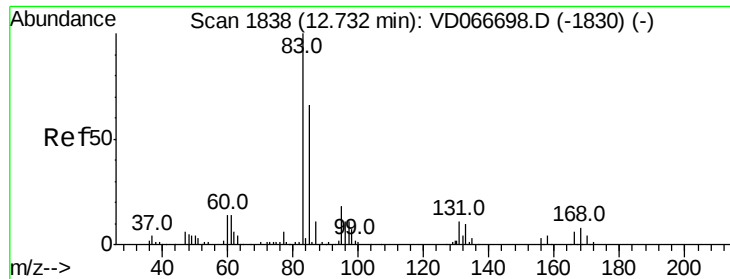
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion: 43 Resp: 198516

Ion	Ratio	Lower	Upper
43	100		
70	43.2	33.0	49.4
55	27.6	20.6	30.8
61	24.8	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.753 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

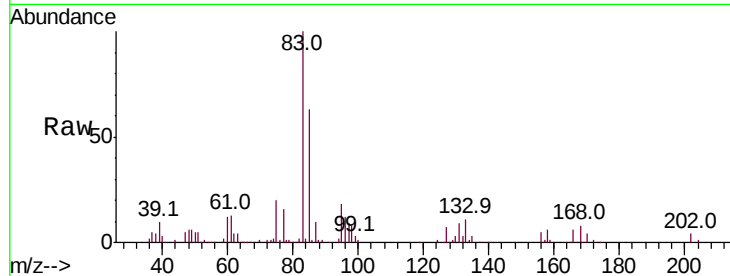
Tot Ion: 83 Resp: 165641

Ion Ratio Lower Upper

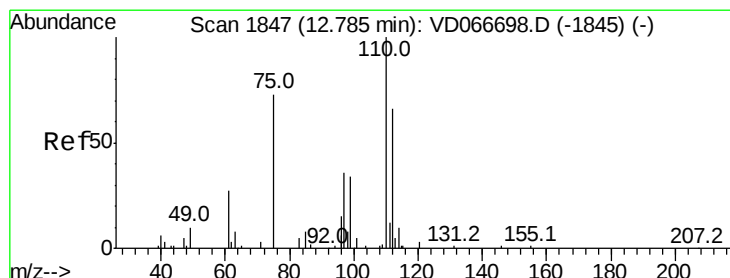
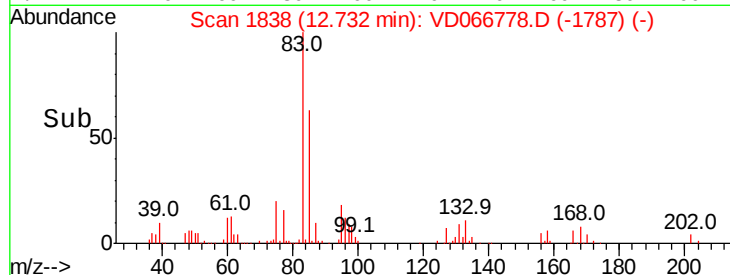
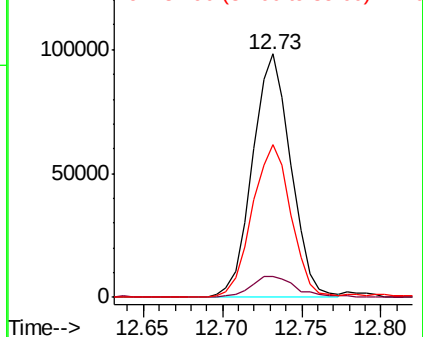
83 100

131 10.2 5.8 17.3

85 63.4 33.3 99.8



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: 97.836 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066778.D

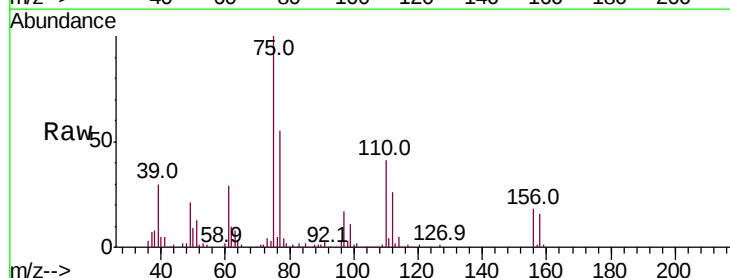
Acq: 18 Sep 2020 20:43

Tgt Ion: 75 Resp: 239003

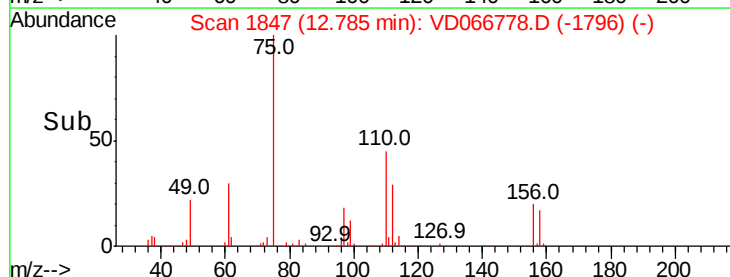
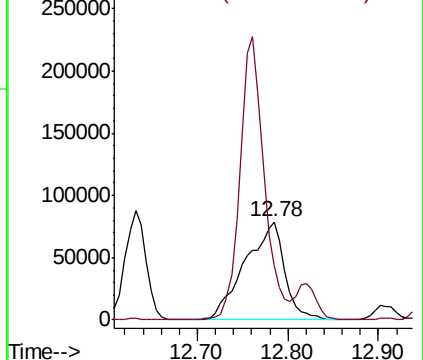
Ion Ratio Lower Upper

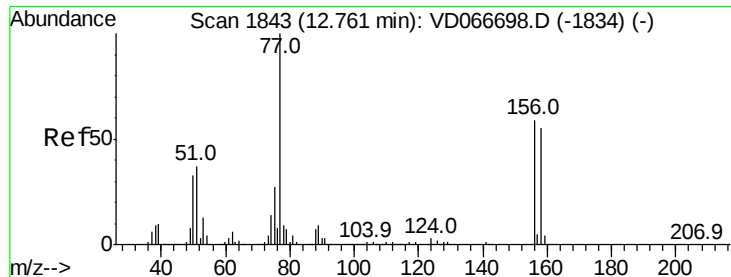
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 46.596 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

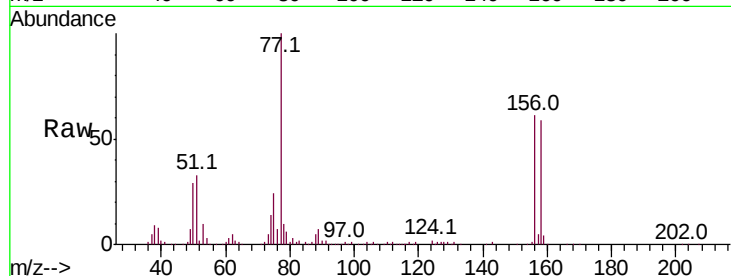
Tot Ion:156 Resp: 228811

Ion Ratio Lower Upper

156 100

77 185.7 95.8 287.3

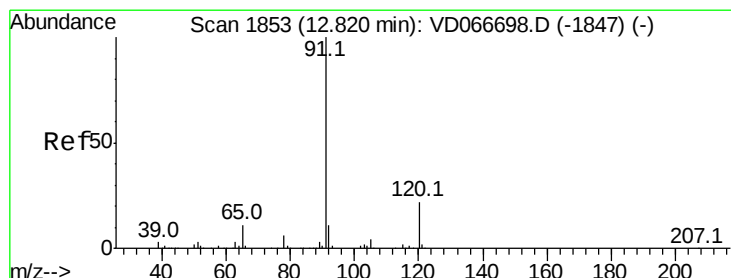
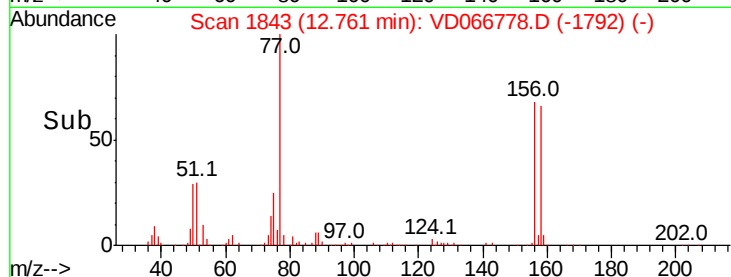
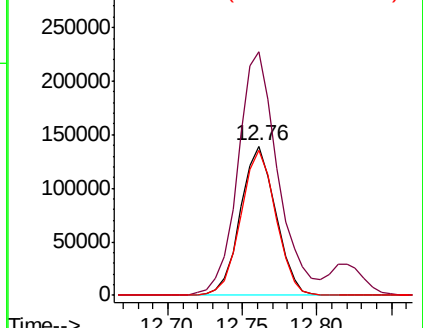
158 96.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.271 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066778.D

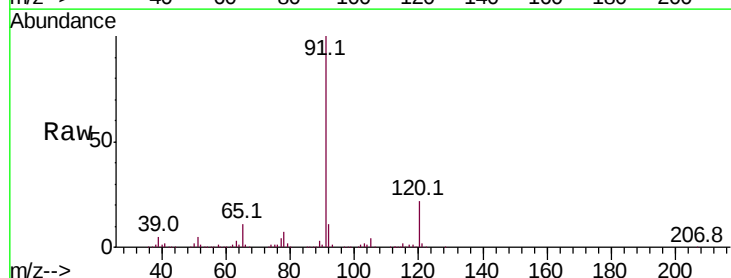
Acq: 18 Sep 2020 20:43

Tgt Ion: 91 Resp: 1175761

Ion Ratio Lower Upper

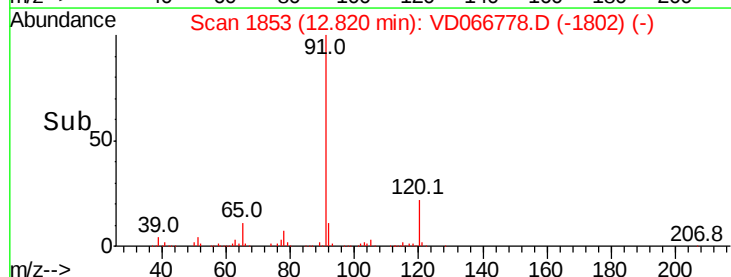
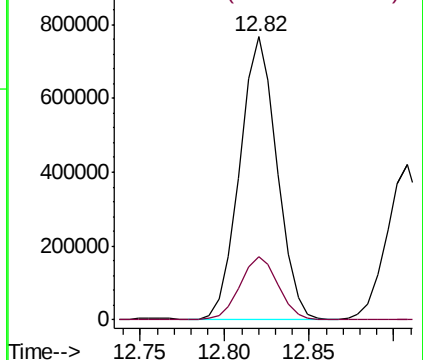
91 100

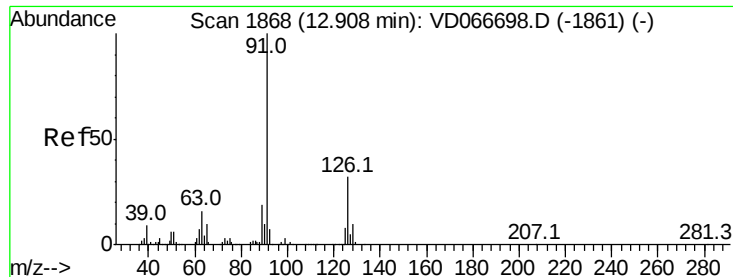
120 22.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

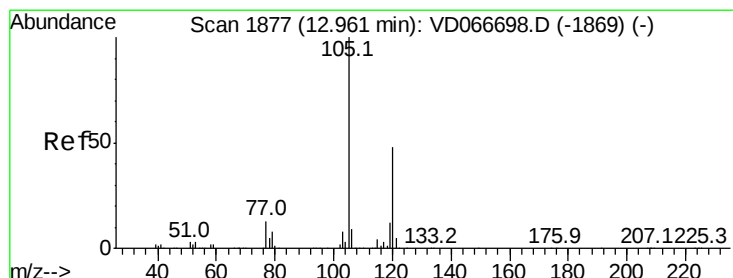
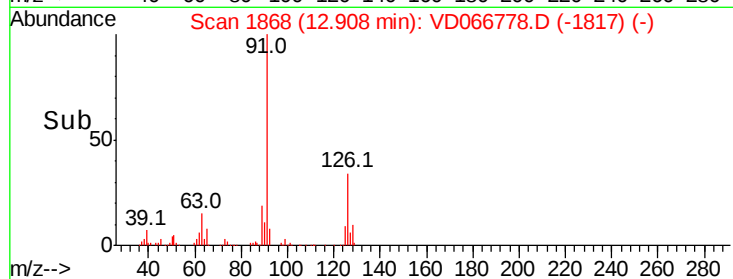
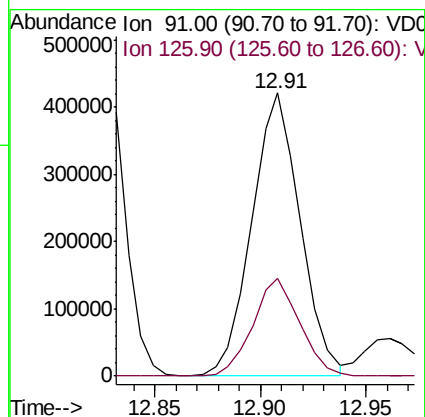
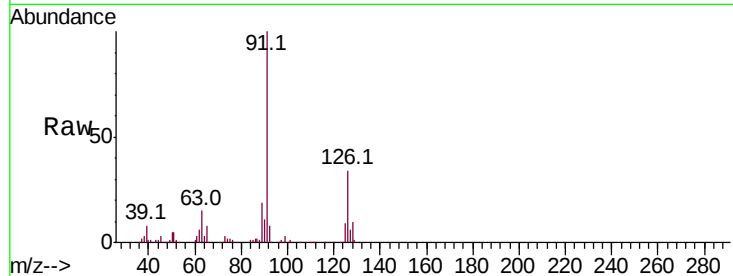




#79
2-Chlorotoluene
Concen: 45.511 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

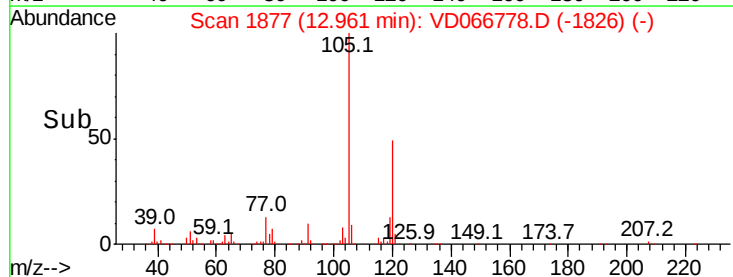
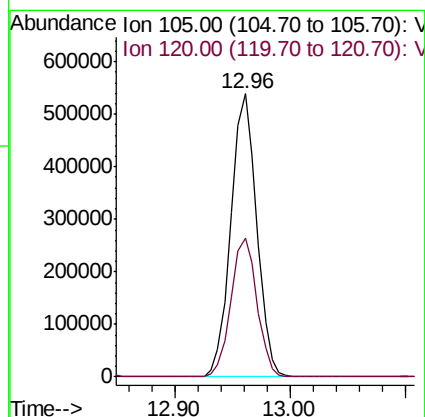
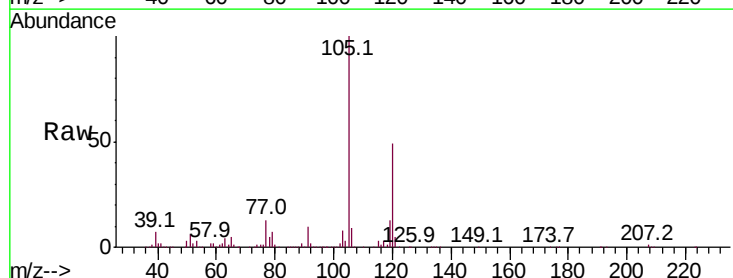
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

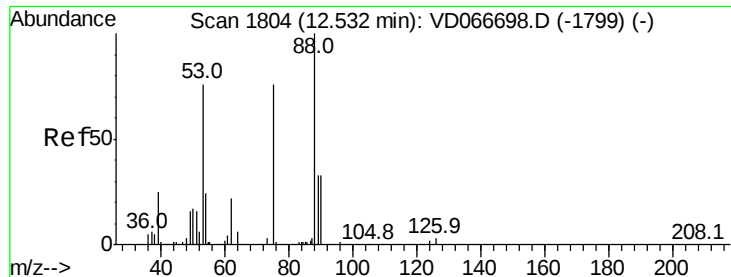
Tot Ion: 91 Resp: 668365
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 46.117 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 105 Resp: 830766
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 23.505 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

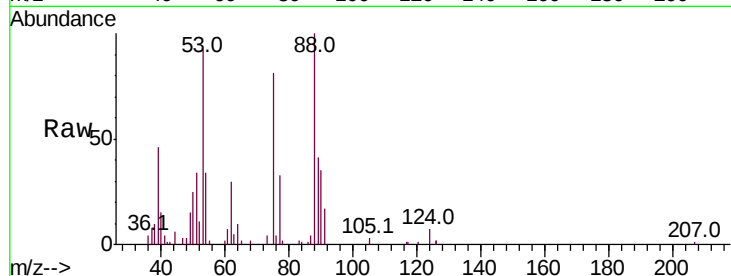
Tot Ion: 75 Resp: 26606

Ion Ratio Lower Upper

75 100

53 104.3 82.2 123.4

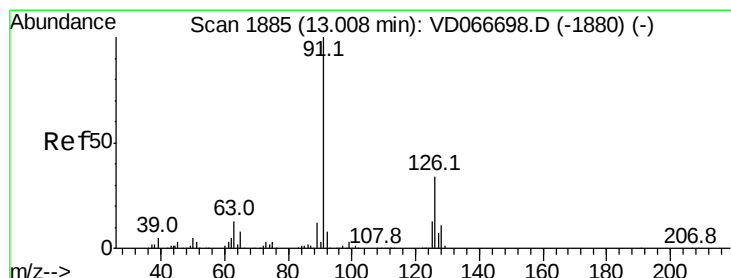
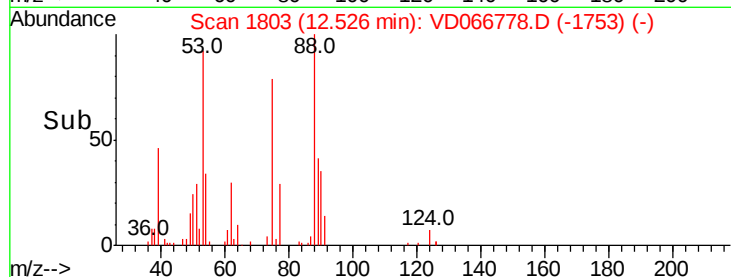
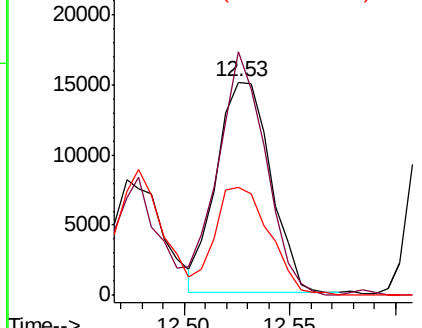
89 52.8 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 45.837 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066778.D

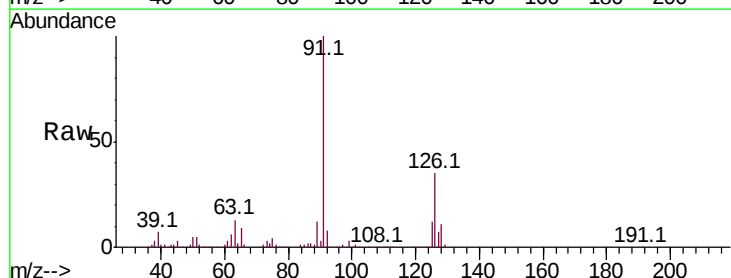
Acq: 18 Sep 2020 20:43

Tgt Ion: 91 Resp: 711762

Ion Ratio Lower Upper

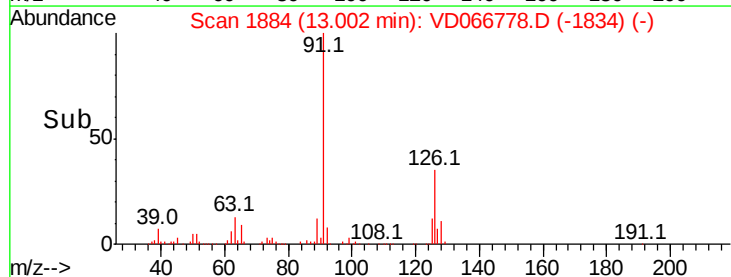
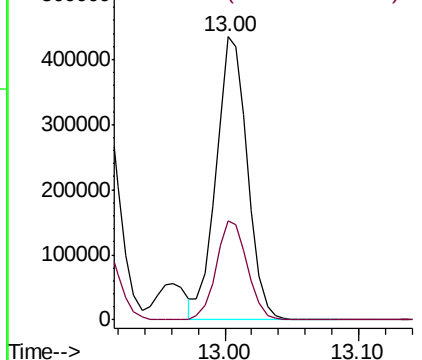
91 100

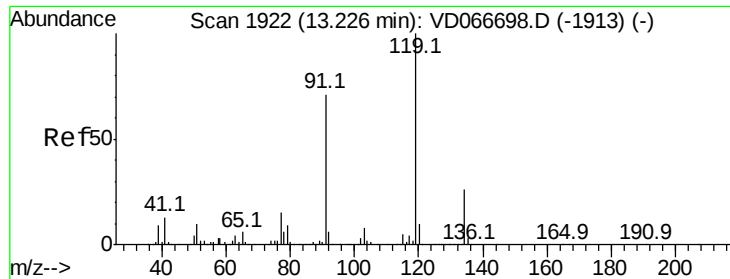
126 34.9 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

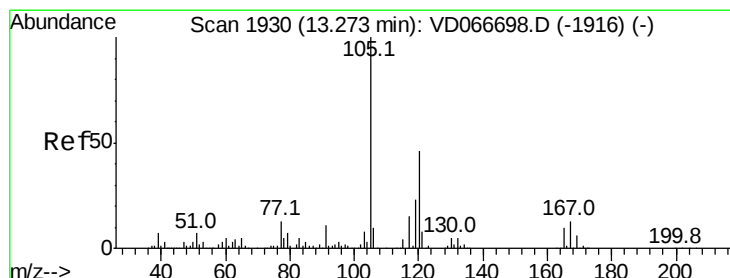
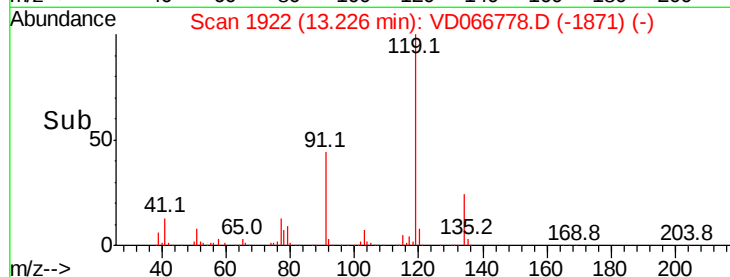
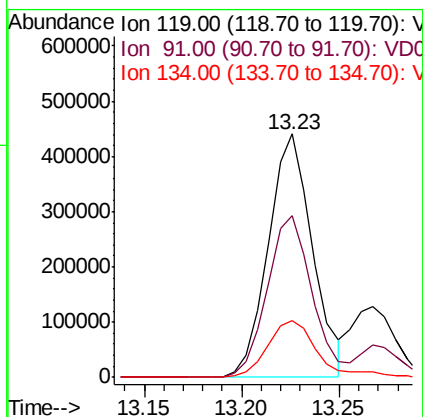
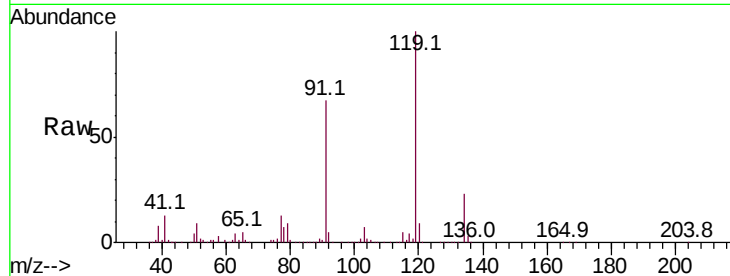




#83
tert-Butylbenzene
Concen: 46.622 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

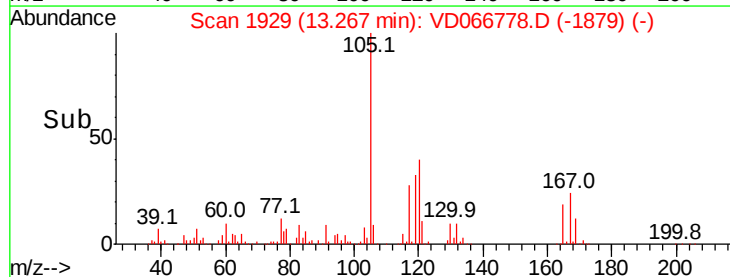
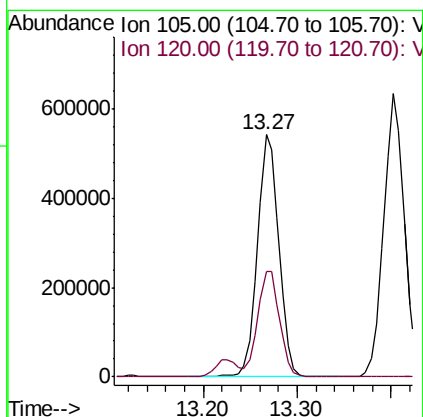
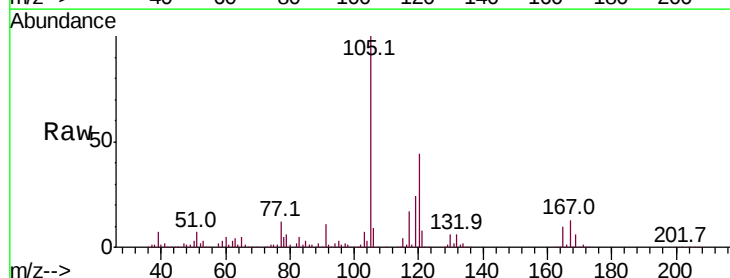
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

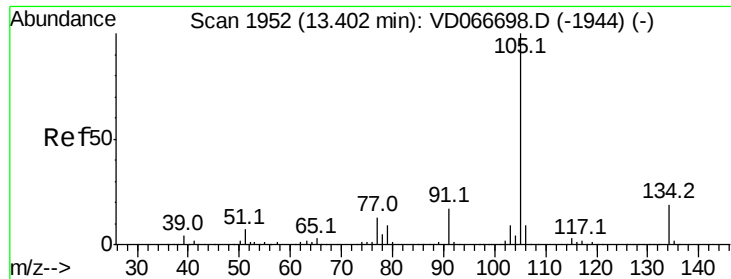
Tot Ion:119 Resp: 692232
Ion Ratio Lower Upper
119 100
91 67.9 35.0 105.1
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 47.362 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:105 Resp: 852668
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.2

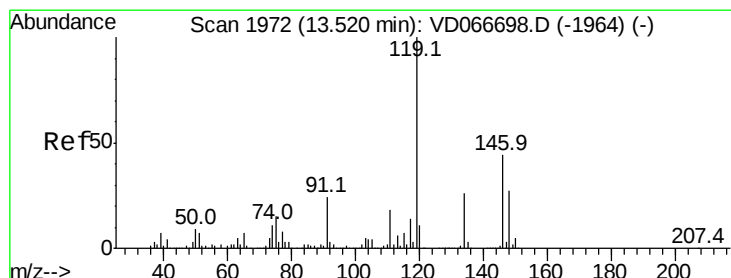
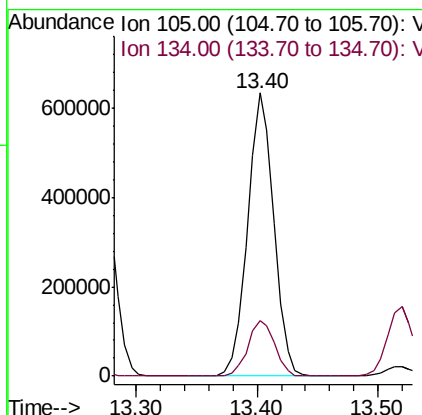
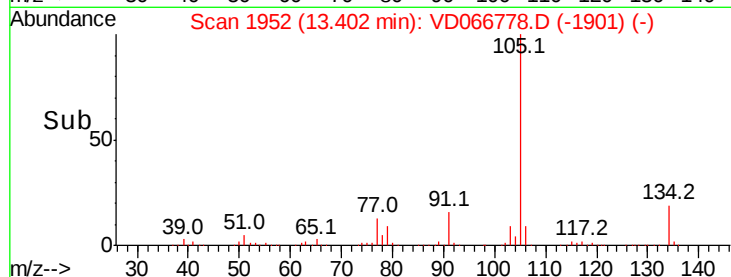
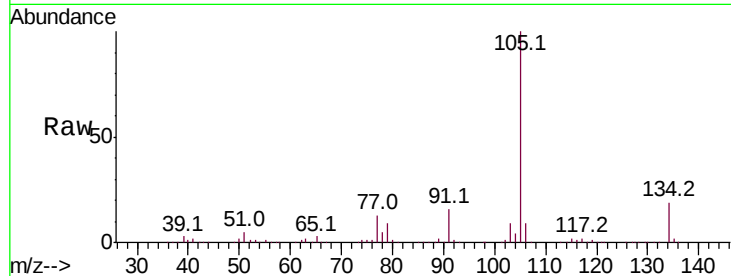




#85
 sec-Butylbenzene
 Concen: 45.031 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

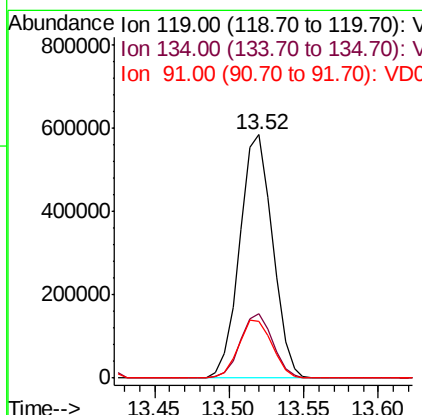
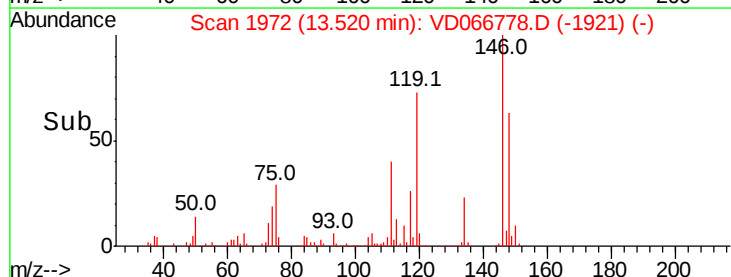
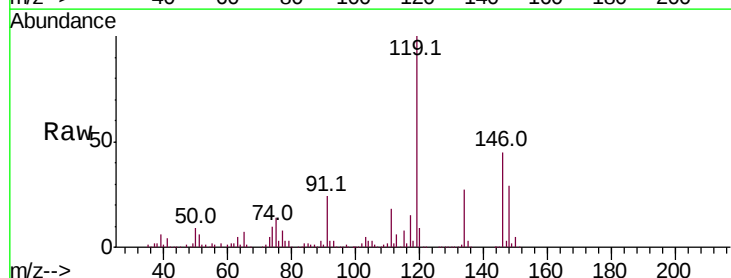
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

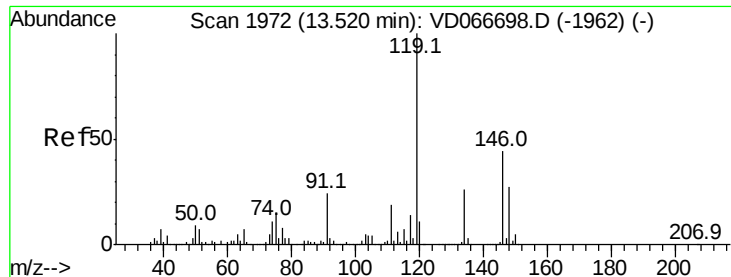
Tot Ion:105 Resp: 958538
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 46.036 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion:119 Resp: 890875
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.945 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

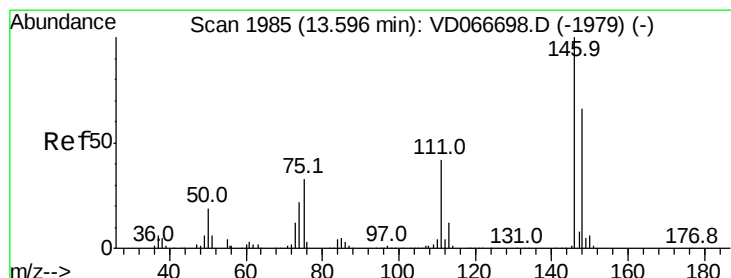
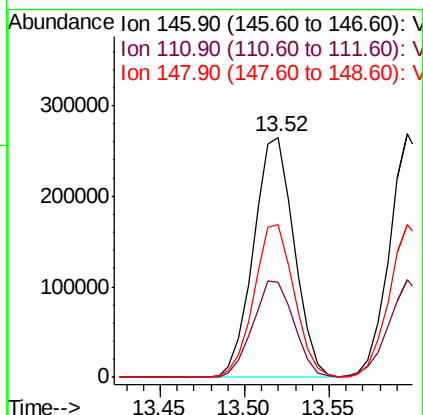
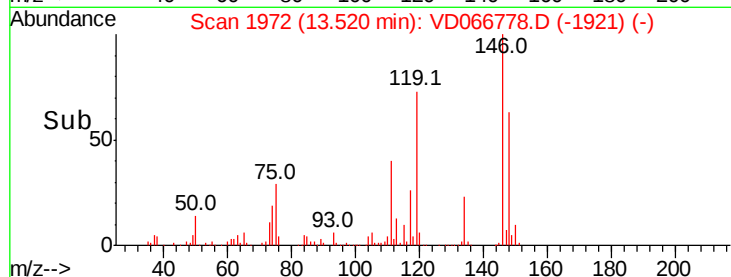
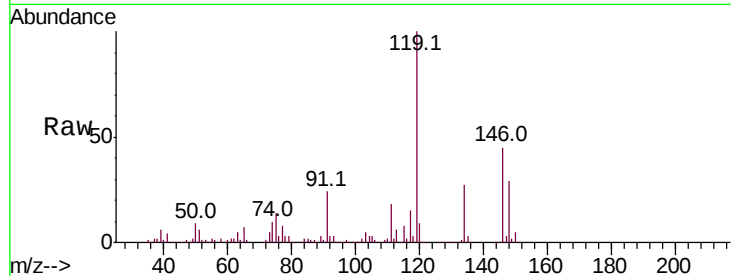
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 442274

Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.3
148	63.3	31.4	94.2



#88

1,4-Dichlorobenzene

Concen: 45.903 ug/l

RT: 13.60 min Scan# 1985

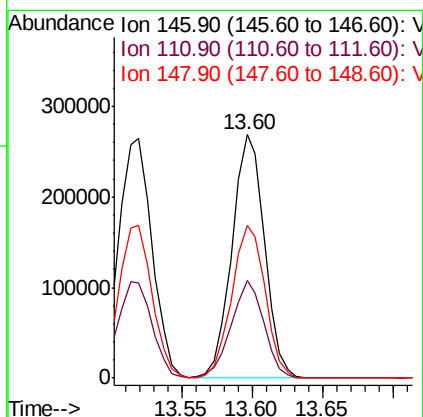
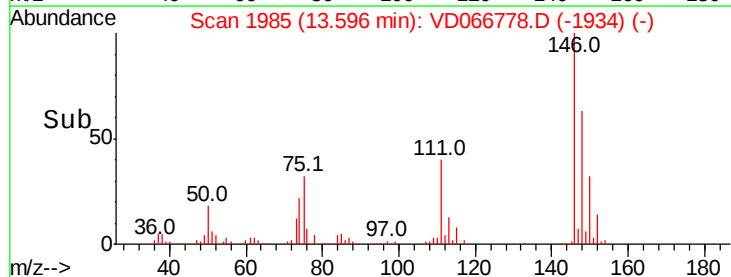
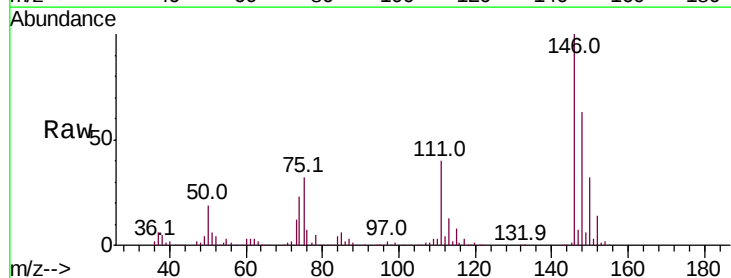
Delta R.T. -0.00 min

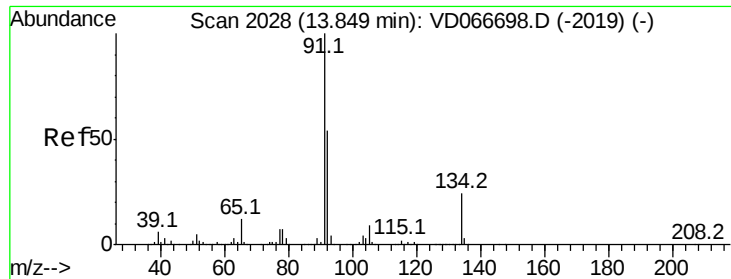
Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Tgt Ion:146 Resp: 430638

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.6
148	64.4	32.7	98.1

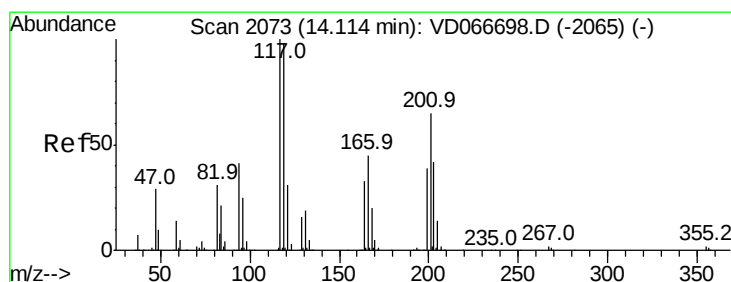
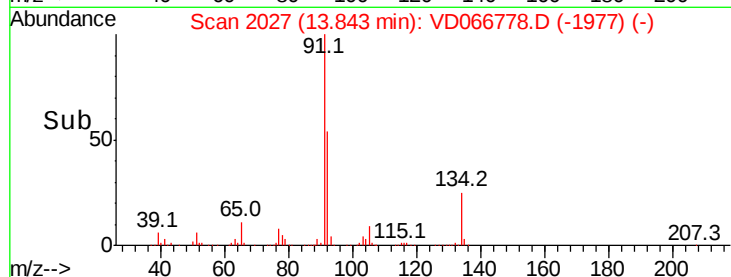
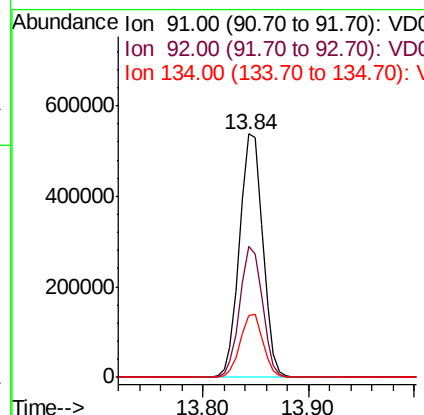
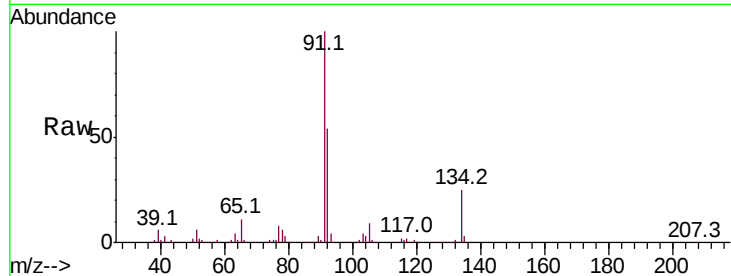




#89
n-Butylbenzene
Concen: 44.195 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

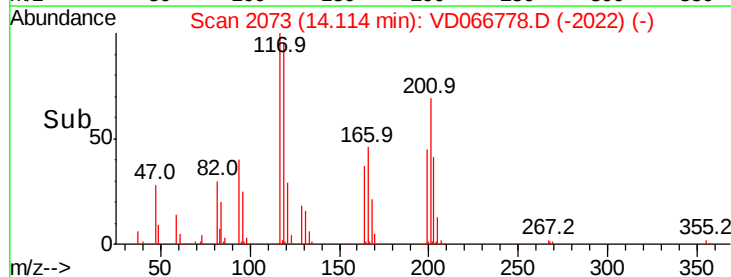
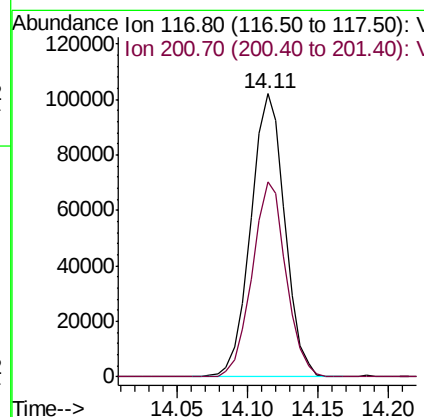
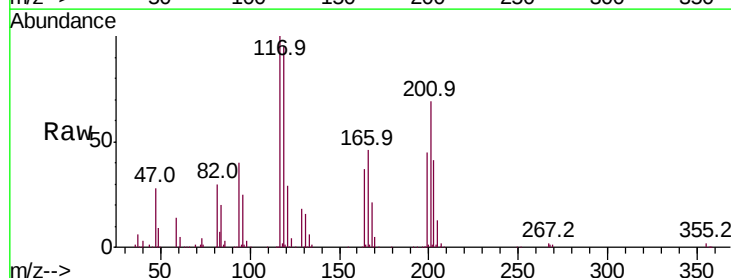
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

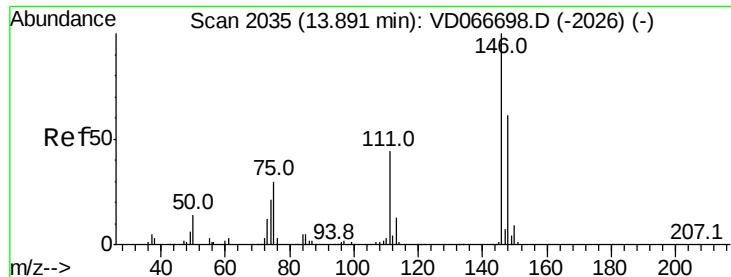
Tot Ion: 91 Resp: 813234
Ion Ratio Lower Upper
91 100
92 52.5 27.0 81.0
134 25.4 12.4 37.0



#90
Hexachloroethane
Concen: 43.485 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion: 117 Resp: 172870
Ion Ratio Lower Upper
117 100
201 68.4 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 47.478 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

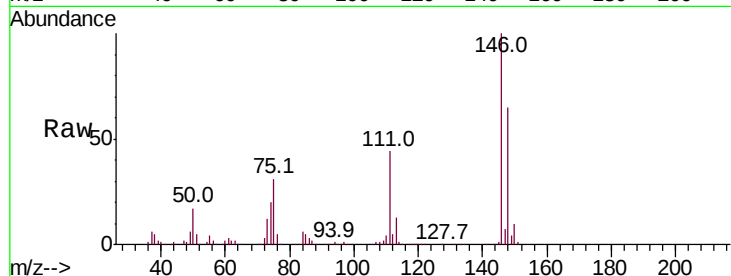
Tot Ion:146 Resp: 383262

Ion Ratio Lower Upper

146 100

111 41.2 21.6 64.6

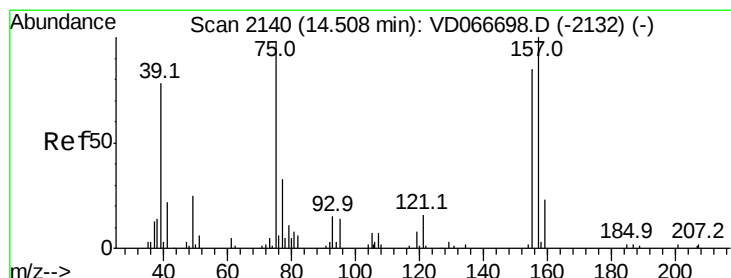
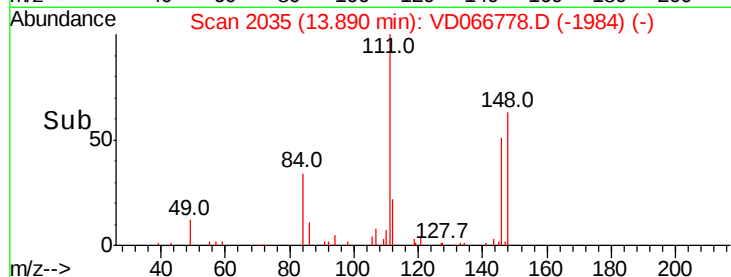
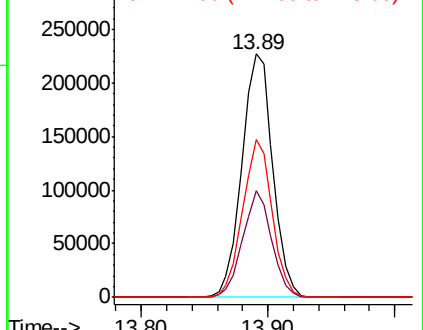
148 62.1 31.4 94.3



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: 42.103 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD066778.D

Acq: 18 Sep 2020 20:43

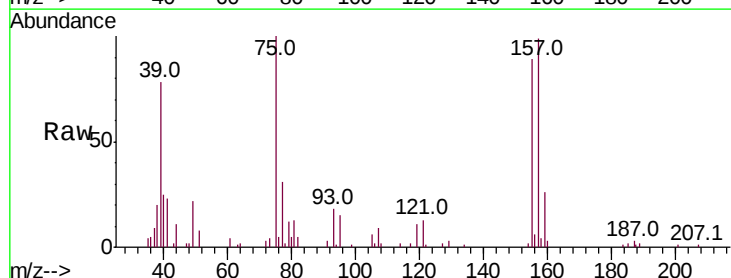
Tgt Ion: 75 Resp: 24640

Ion Ratio Lower Upper

75 100

155 83.0 38.9 116.7

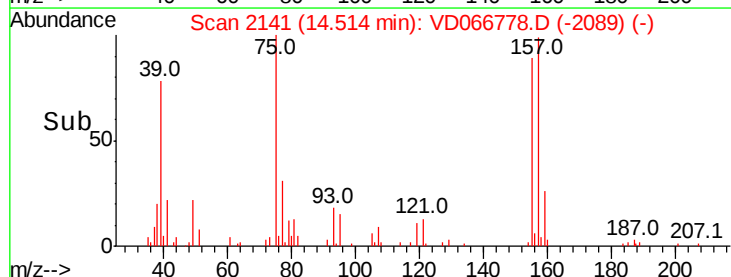
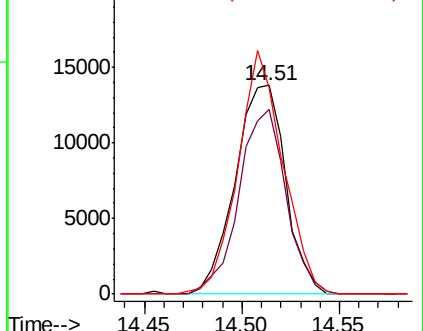
157 104.7 46.4 139.2

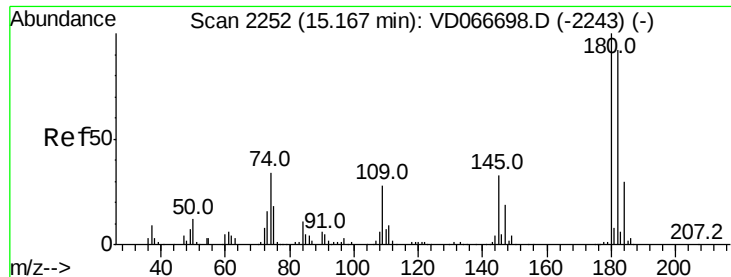


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

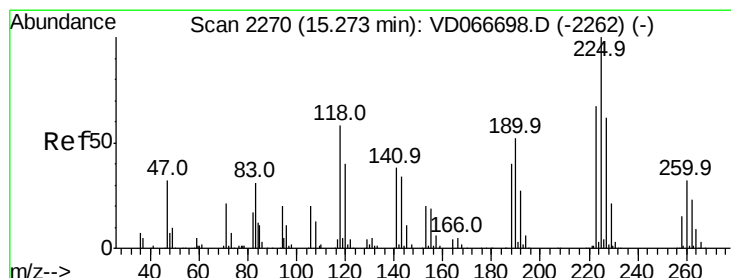
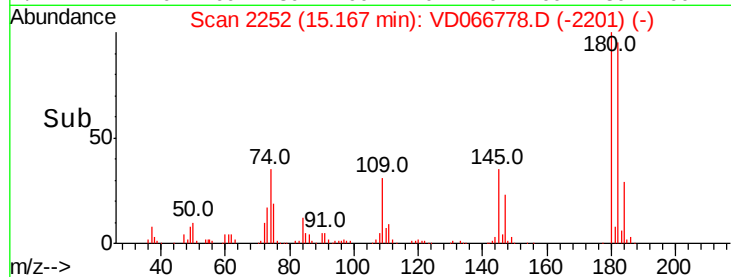
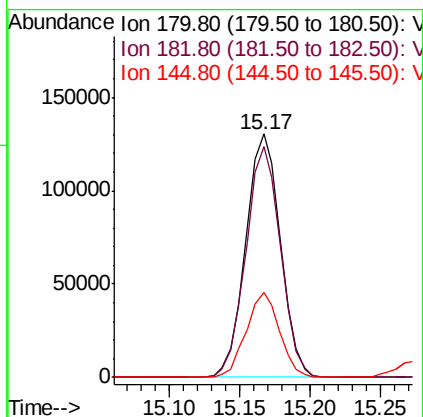
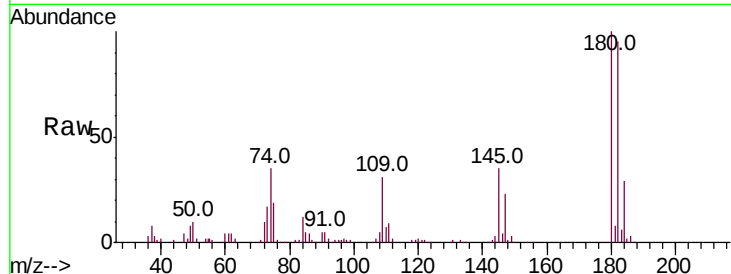




#93
 1,2,4-Trichlorobenzene
 Concen: 46.156 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

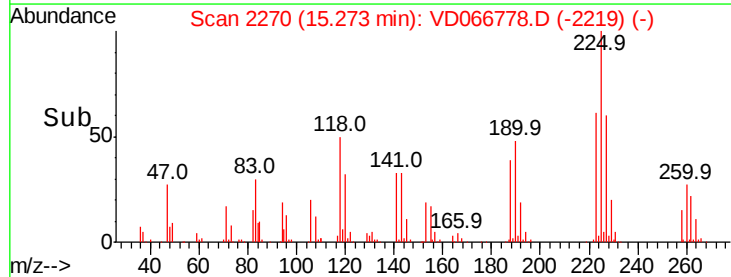
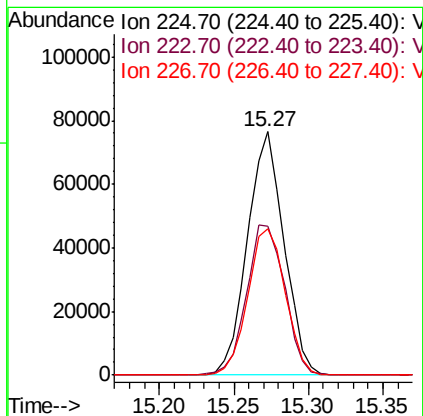
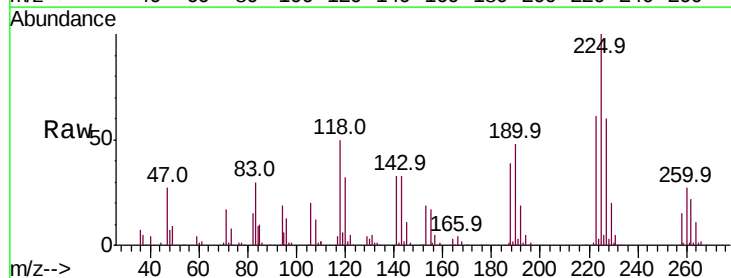
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

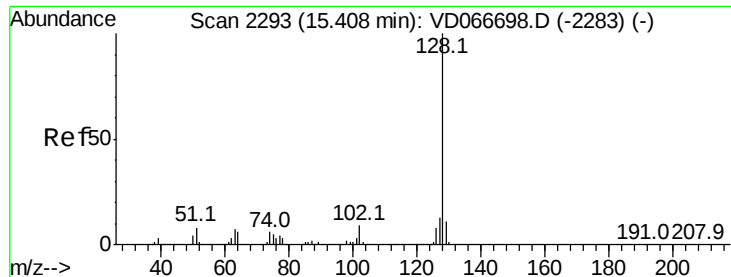
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.7
145	33.7	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 44.065 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066778.D
 Acq: 18 Sep 2020 20:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.9
227	61.4	31.3	93.9

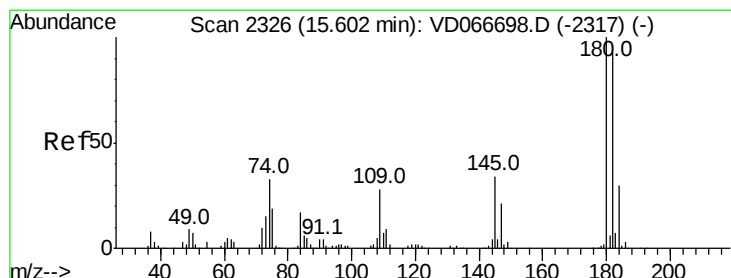
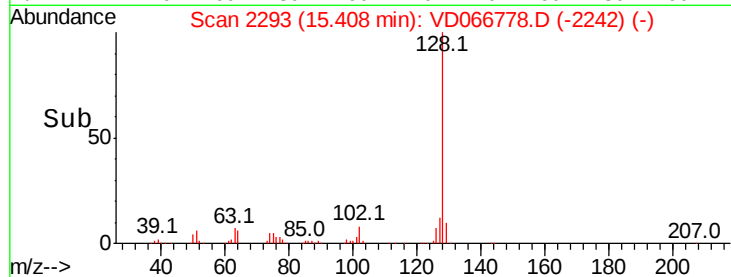
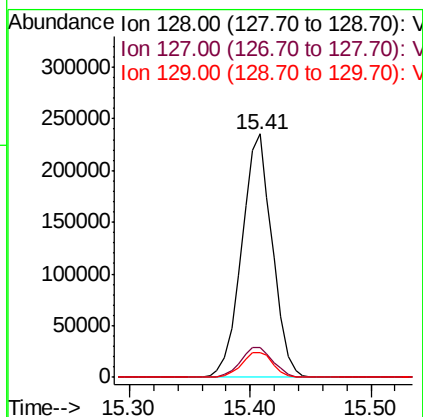
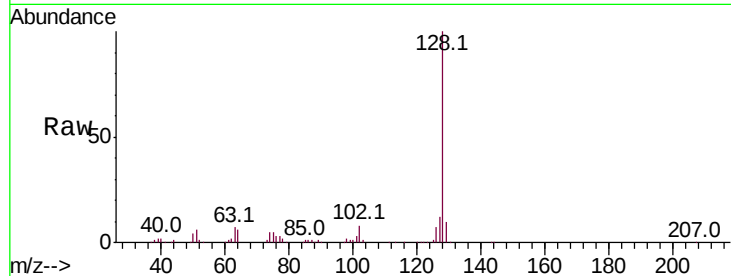




#95
Naphthalene
Concen: 48.528 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 413967
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 46.922 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066778.D
Acq: 18 Sep 2020 20:43

Tgt Ion:180 Resp: 200105
Ion Ratio Lower Upper
180 100
182 93.3 46.6 139.8
145 32.7 17.1 51.3

