

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066824.D
 Acq On : 23 Sep 2020 10:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 15:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	441259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	666336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290701	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	188307	43.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.20%	
35) Dibromofluoromethane	7.91	113	195117	46.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.06%	
50) Toluene-d8	10.33	98	703179	48.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.63	95	239098	48.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	147734	47.753	ug/l	95
3) Chloromethane	2.21	50	173580	42.814	ug/l	99
4) Vinyl Chloride	2.35	62	185354	46.277	ug/l	98
5) Bromomethane	2.77	94	117133	41.607	ug/l	93
6) Chloroethane	2.93	64	109589	44.059	ug/l #	84
7) Trichlorofluoromethane	3.27	101	375687	45.671	ug/l	95
8) Diethyl Ether	3.71	74	92864	44.468	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	221838	46.508	ug/l	99
10) Methyl Iodide	4.30	142	225040	53.465	ug/l	97
11) Tert butyl alcohol	5.21	59	50051	178.079	ug/l	100
12) 1,1-Dichloroethene	4.07	96	195787	45.311	ug/l	94
13) Acrolein	3.92	56	65289	204.924	ug/l	97
14) Allyl chloride	4.71	41	297604	46.905	ug/l	98
15) Acrylonitrile	5.41	53	211447	228.478	ug/l	98
16) Acetone	4.15	43	184668	201.563	ug/l	97
17) Carbon Disulfide	4.41	76	609980	46.175	ug/l	99
18) Methyl Acetate	4.71	43	95421	46.419	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	433872	46.238	ug/l	100
20) Methylene Chloride	4.96	84	233070	46.759	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	235083	46.987	ug/l	97
22) Diisopropyl ether	6.36	45	610990	46.835	ug/l	98
23) Vinyl Acetate	6.30	43	1542600	218.137	ug/l	100
24) 1,1-Dichloroethane	6.26	63	396301	45.409	ug/l	98
25) 2-Butanone	7.21	43	224356	203.775	ug/l	94
26) 2,2-Dichloropropane	7.21	77	372074	46.514	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	252342	46.420	ug/l	99
28) Bromochloromethane	7.54	49	172970	47.974	ug/l #	98
29) Tetrahydrofuran	7.56	42	158947	225.307	ug/l	96
30) Chloroform	7.71	83	429336	45.637	ug/l	95
31) Cyclohexane	7.98	56	353766	45.050	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	405432	47.641	ug/l	99
36) 1,1-Dichloropropene	8.11	75	327105	49.482	ug/l	99
37) Ethyl Acetate	7.28	43	120697	50.505	ug/l	99
38) Carbon Tetrachloride	8.10	117	357743	49.499	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	394851	52.023	ug/l	94
40) Benzene	8.34	78	905702	49.160	ug/l	98
41) Methacrylonitrile	7.55	41	82269	55.979	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	260789	47.882	ug/l	99
43) Isopropyl Acetate	8.44	43	218020	47.320	ug/l	99
44) Trichloroethene	9.11	130	256605	48.865	ug/l	99
45) 1,2-Dichloropropane	9.38	63	226166	48.791	ug/l	97
46) Dibromomethane	9.47	93	123560	49.060	ug/l	97
47) Bromodichloromethane	9.66	83	324655	47.986	ug/l	100
48) Methyl methacrylate	9.45	41	116668	51.358	ug/l	90
49) 1,4-Dioxane	9.46	88	28916	1013.862	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	561866	240.671	ug/l	100
52) Toluene	10.40	92	597761	50.371	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	282290	49.022	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	334713	47.670	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	163276	47.159	ug/l	97
56) Ethyl methacrylate	10.66	69	188485	50.818	ug/l	97
57) 1,3-Dichloropropane	10.94	76	275734	48.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	402837	229.379	ug/l	99
59) 2-Hexanone	10.98	43	383024	243.285	ug/l	98
60) Dibromochloromethane	11.14	129	220457	48.788	ug/l	99
61) 1,2-Dibromoethane	11.24	107	159746	49.605	ug/l	100
64) Tetrachloroethene	10.87	164	228899	52.634	ug/l	97
65) Chlorobenzene	11.67	112	611460	48.587	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	232091	48.727	ug/l	99
67) Ethyl Benzene	11.74	91	1123578	50.834	ug/l	99
68) m/p-Xylenes	11.85	106	871011	104.083	ug/l	100
69) o-Xylene	12.18	106	385932	51.002	ug/l	100
70) Styrene	12.19	104	684068	52.056	ug/l	99
71) Bromoform	12.36	173	117928	48.900	ug/l #	99
73) Isopropylbenzene	12.48	105	1079203	51.390	ug/l	99
74) N-amyl acetate	12.28	43	199902	48.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	168104	46.390	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	231509	96.098	ug/l #	100
77) Bromobenzene	12.76	156	241118	49.093	ug/l	99
78) n-propylbenzene	12.82	91	1297647	51.363	ug/l	99
79) 2-Chlorotoluene	12.91	91	705588	49.010	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	915569	51.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	40790	42.361	ug/l	98
82) 4-Chlorotoluene	13.00	91	768745	50.654	ug/l	98
83) tert-Butylbenzene	13.23	119	762229	52.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	905320	51.236	ug/l	100
85) sec-Butylbenzene	13.40	105	1092819	51.902	ug/l	99
86) p-Isopropyltoluene	13.52	119	1004279	52.914	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	480054	49.473	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	468612	48.624	ug/l	99
89) n-Butylbenzene	13.84	91	941803	52.207	ug/l	99
90) Hexachloroethane	14.11	117	182506	47.365	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	406153	48.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26937	46.210	ug/l	97

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QLast Update : Wed Sep 23 01:34:05 2020
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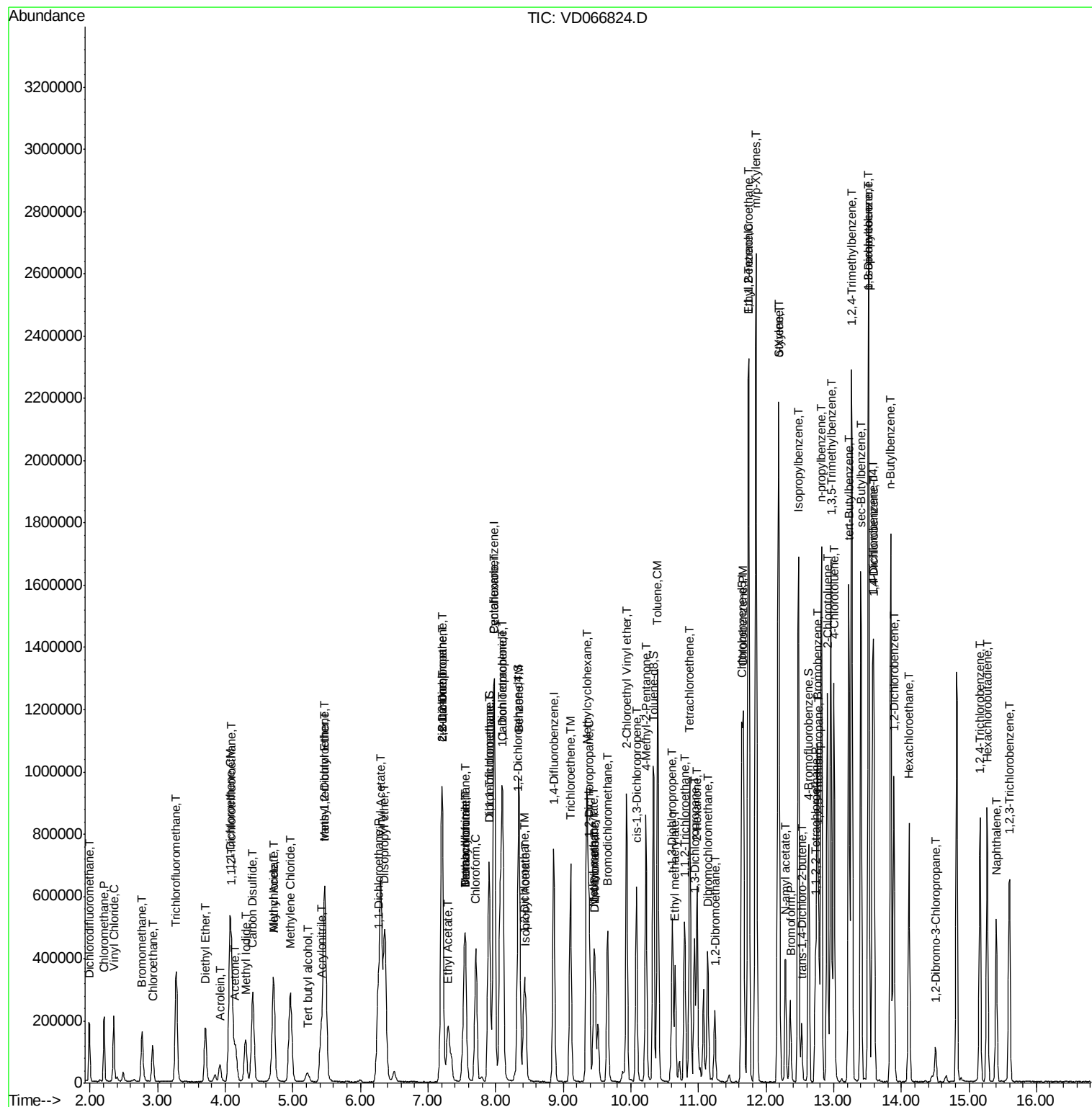
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	262944	50.315	ug/l	97
94) Hexachlorobutadiene	15.27	225	158216	50.522	ug/l	100
95) Naphthalene	15.41	128	447583	50.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	227426	50.421	ug/l	99

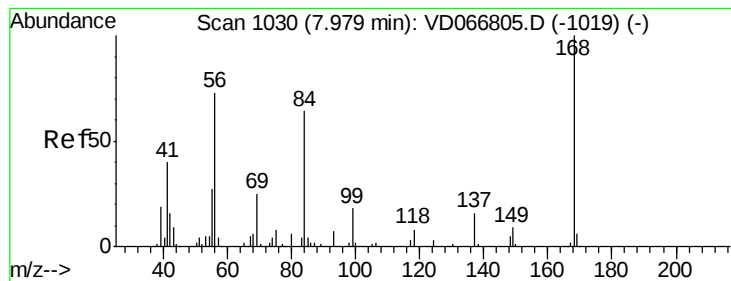
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

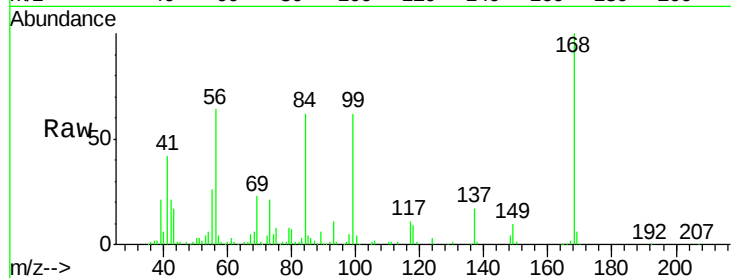
VSTDCCC050

Tgt Ion:168 Resp: 441259

Ion Ratio Lower Upper

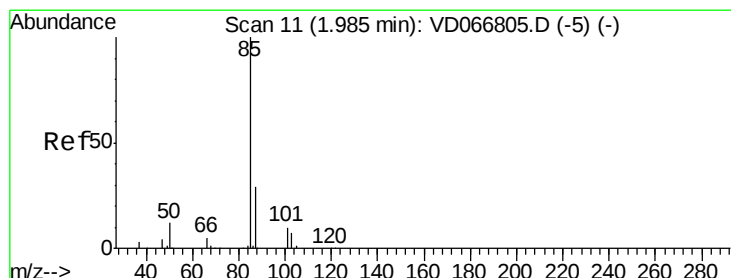
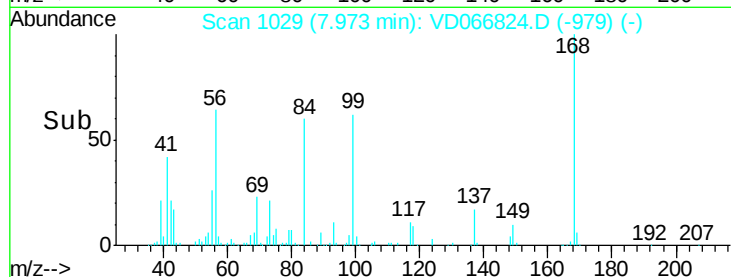
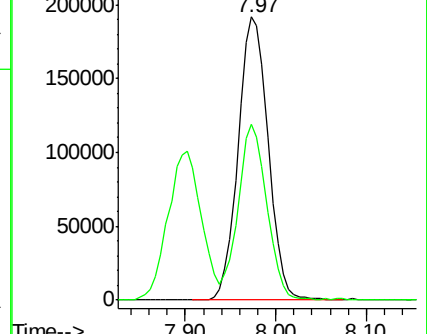
168 100

99 61.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.753 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066824.D

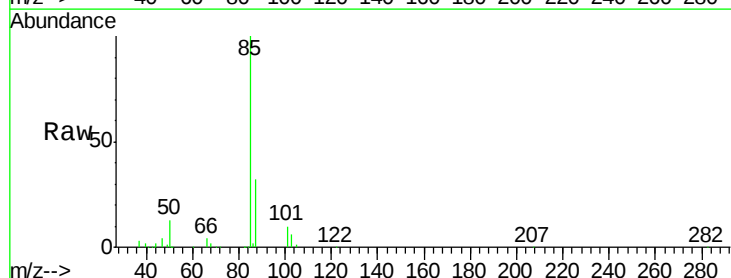
Acq: 23 Sep 2020 10:11

Tgt Ion: 85 Resp: 147734

Ion Ratio Lower Upper

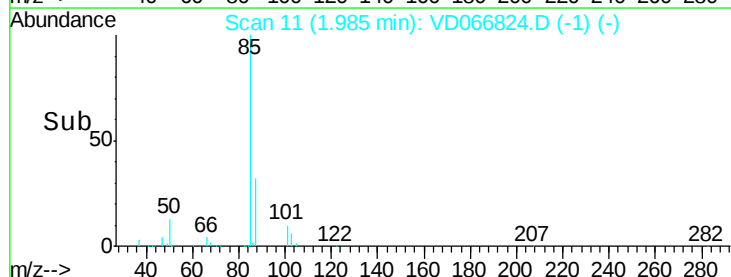
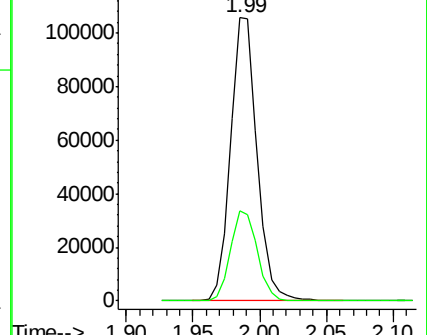
85 100

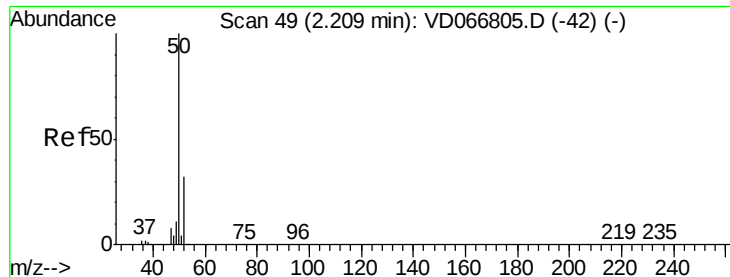
87 31.9 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.814 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

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ClientSampleId :

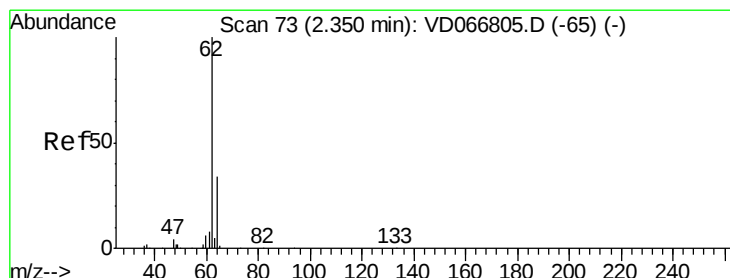
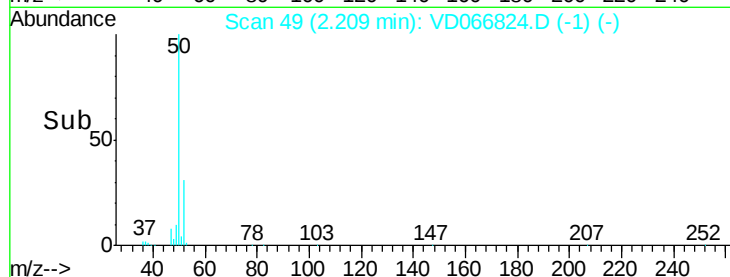
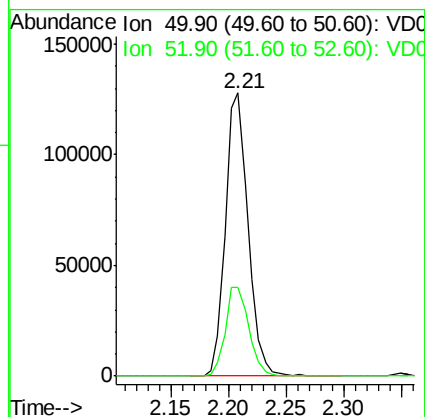
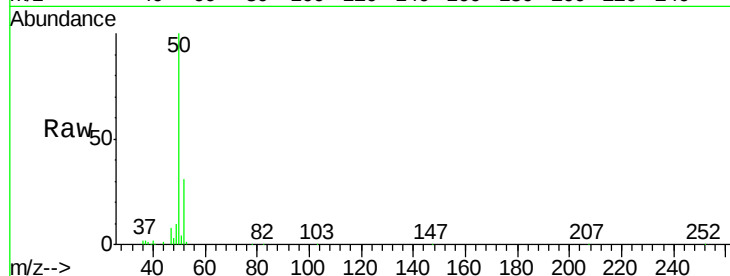
VSTDCCC050

Tgt Ion: 50 Resp: 173580

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 46.277 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066824.D

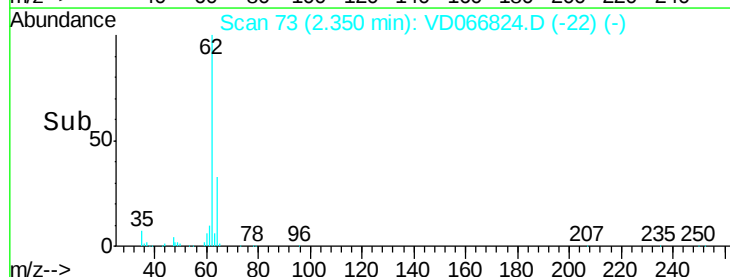
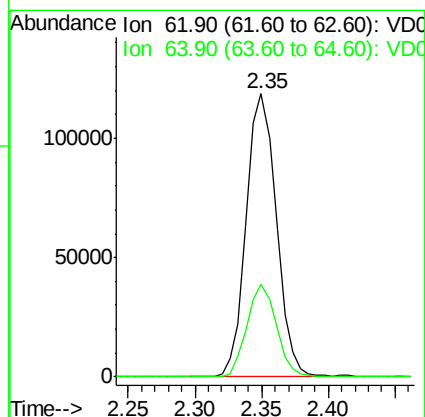
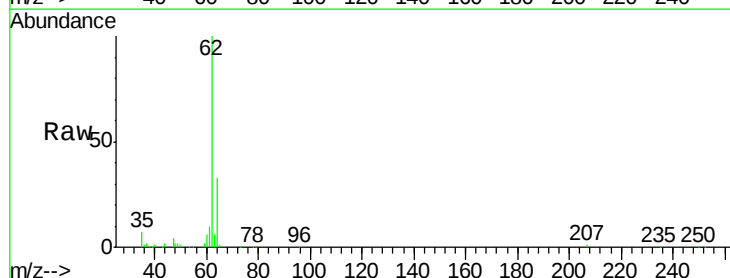
Acq: 23 Sep 2020 10:11

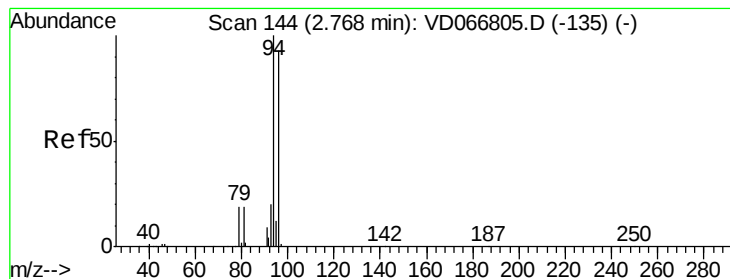
Tgt Ion: 62 Resp: 185354

Ion Ratio Lower Upper

62 100

64 32.5 27.0 40.4





#5

Bromomethane

Concen: 41.607 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

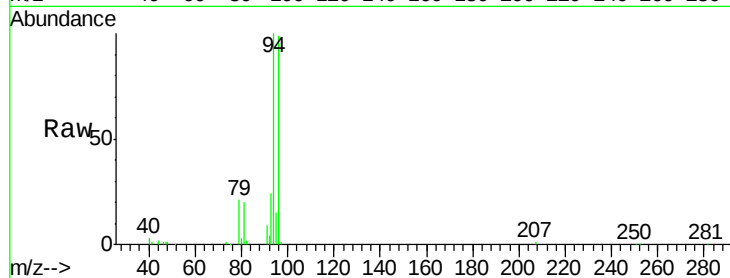
VSTDCCC050

Tgt Ion: 94 Resp: 117133

Ion Ratio Lower Upper

94 100

96 99.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

60000

50000

40000

30000

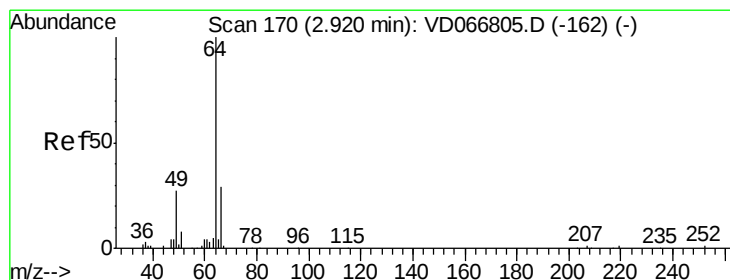
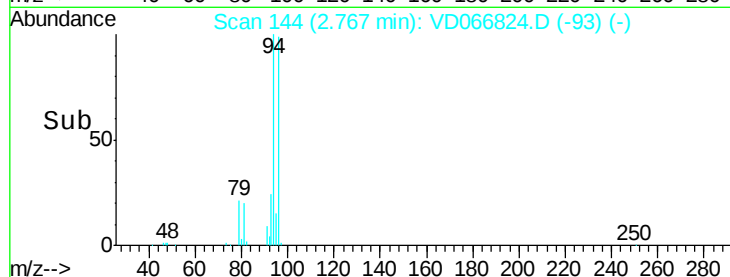
20000

10000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 44.059 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066824.D

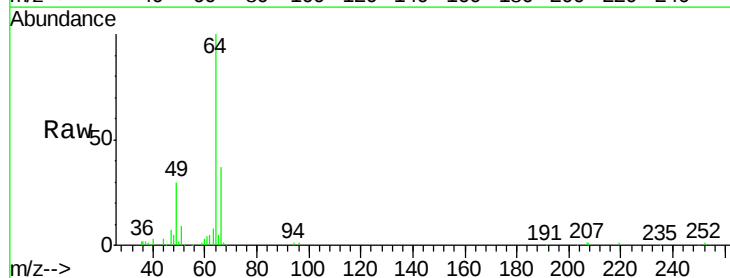
Acq: 23 Sep 2020 10:11

Tgt Ion: 64 Resp: 109589

Ion Ratio Lower Upper

64 100

66 37.4 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

60000

50000

40000

30000

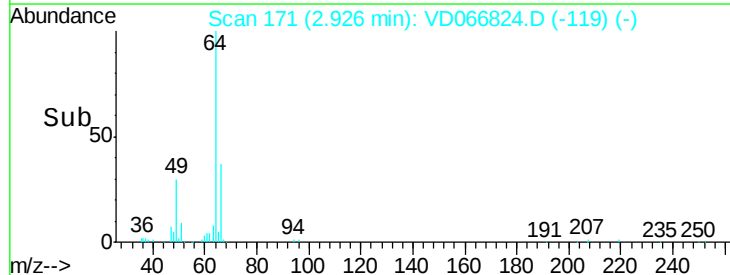
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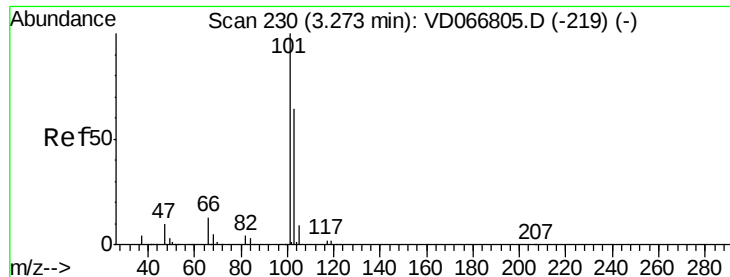
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0

Time-->

2.80 2.90 3.00



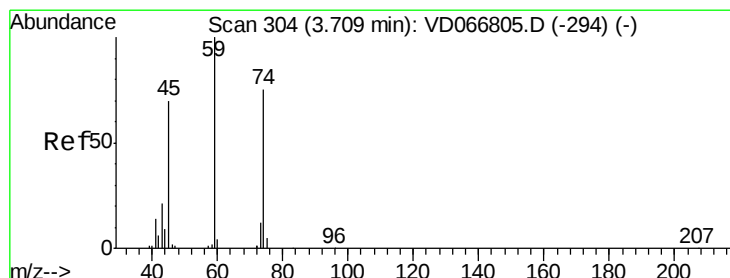
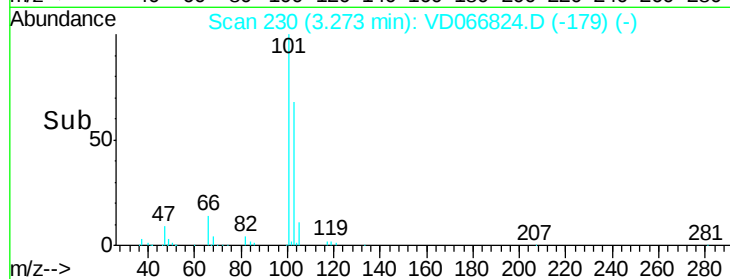
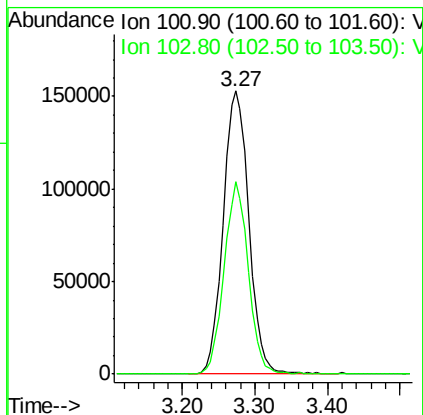
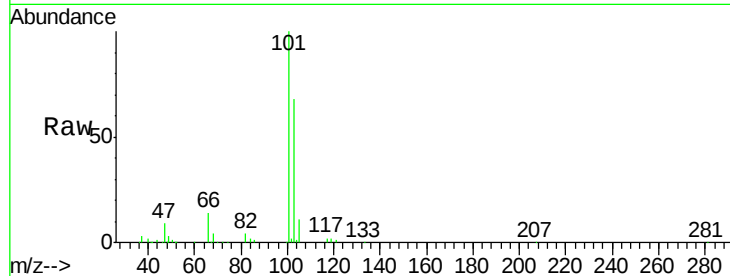


#7

Trichlorofluoromethane
 Concen: 45.671 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066824.D
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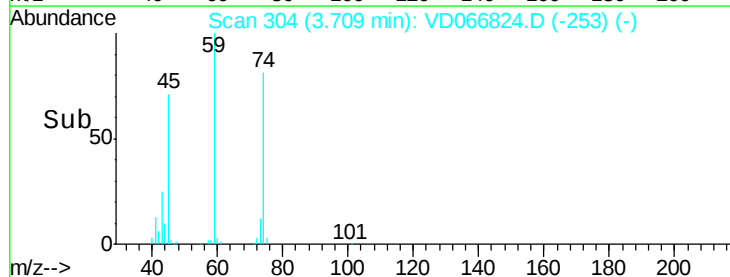
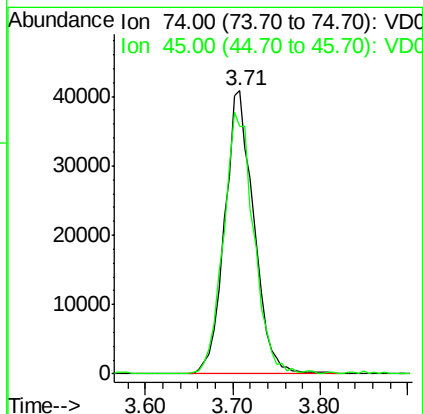
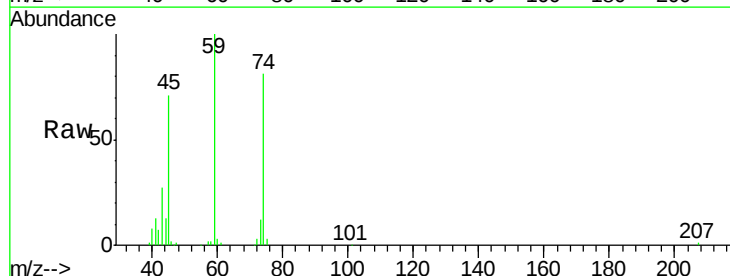
Tgt Ion: 101 Resp: 375687
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.0 76.6

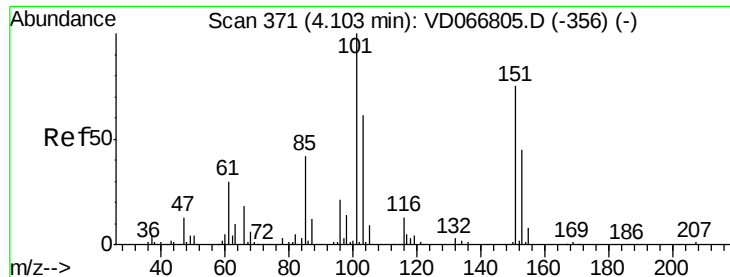


#8

Diethyl Ether
 Concen: 44.468 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 74 Resp: 92864
 Ion Ratio Lower Upper
 74 100
 45 96.3 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.508 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

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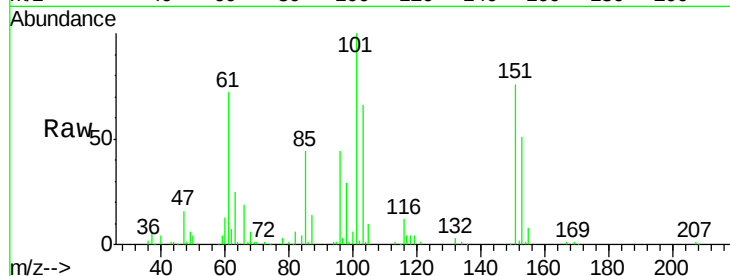
Tgt Ion:101 Resp: 221838

Ion Ratio Lower Upper

101 100

85 43.5 35.4 53.2

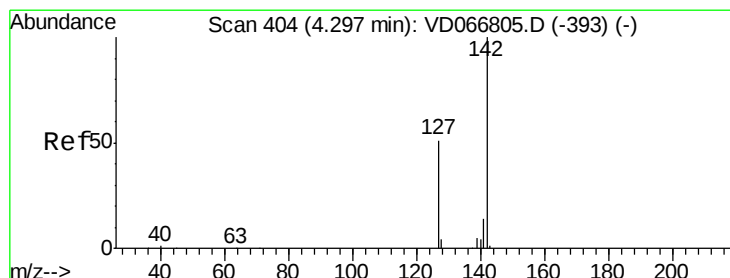
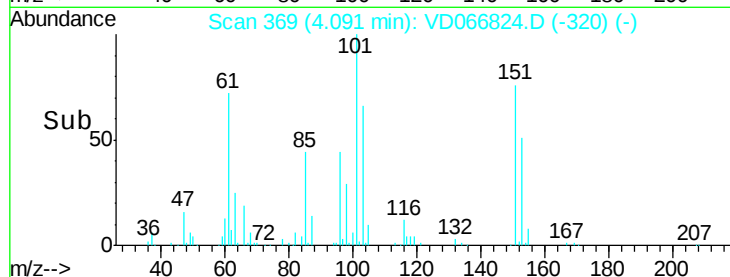
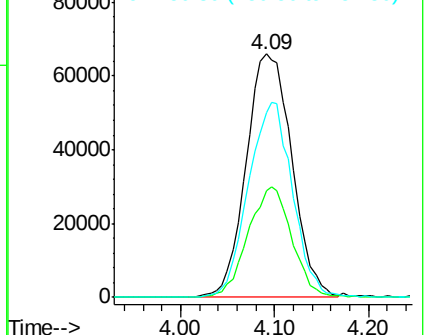
151 77.3 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.465 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

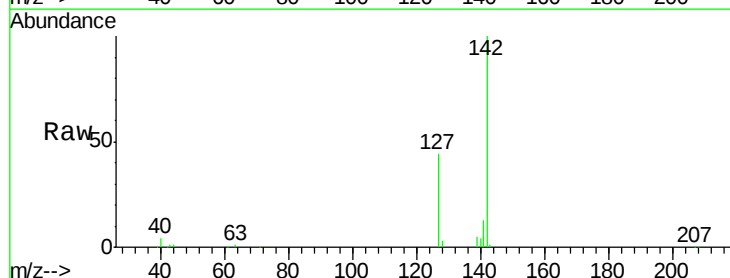
Tgt Ion:142 Resp: 225040

Ion Ratio Lower Upper

142 100

127 46.8 39.4 59.0

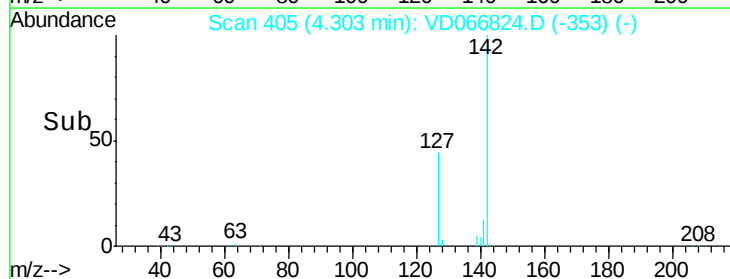
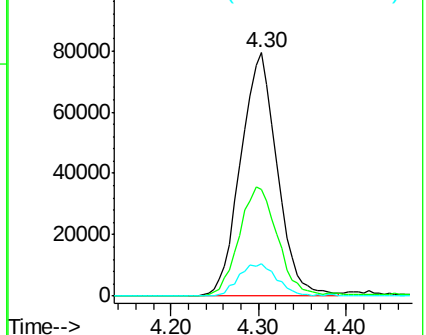
141 14.0 12.1 18.1

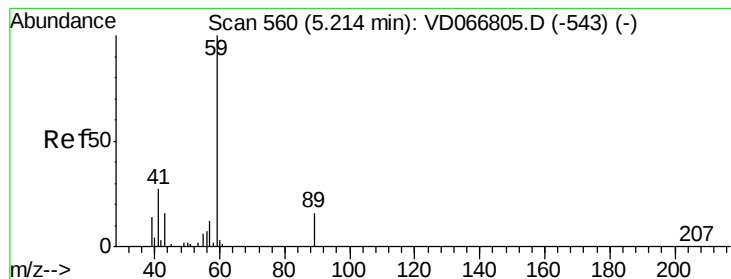


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



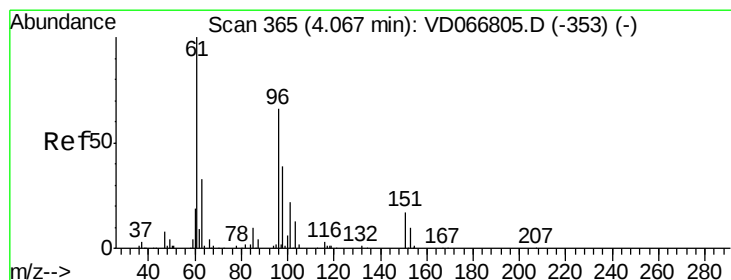
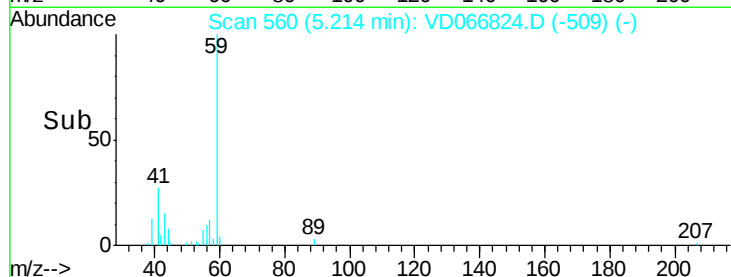
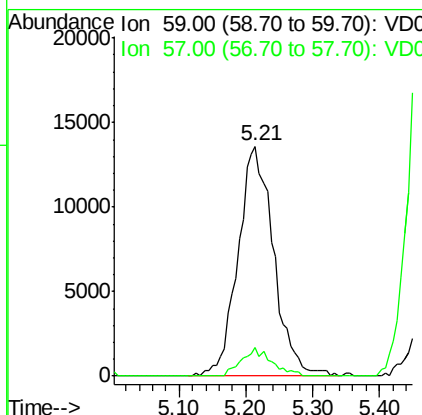
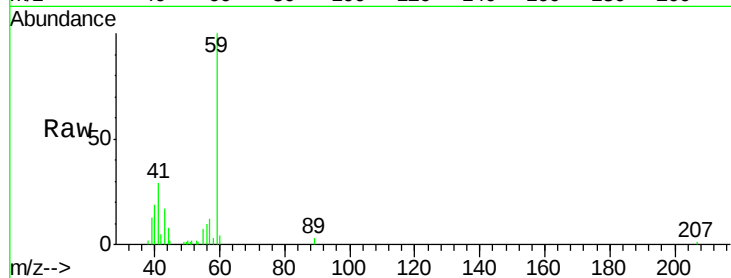


#11

Tert butyl alcohol
 Concen: 178.079 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

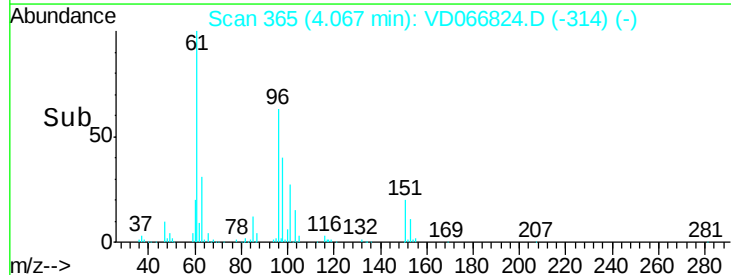
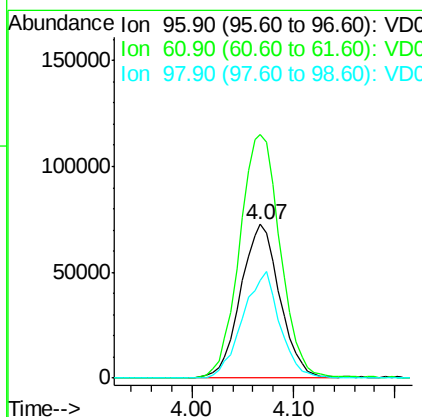
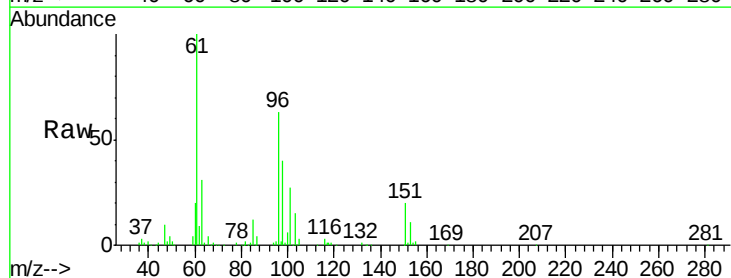
Tgt Ion: 59 Resp: 50051
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

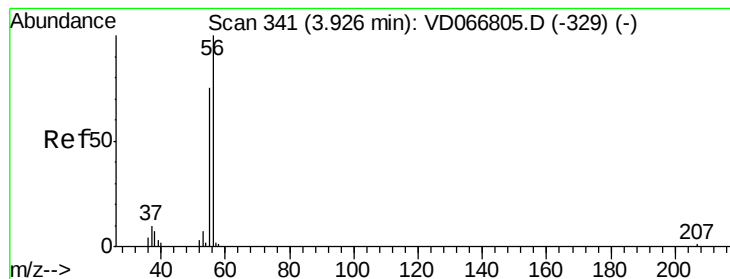


#12

1,1-Dichloroethene
 Concen: 45.311 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 96 Resp: 195787
 Ion Ratio Lower Upper
 96 100
 61 158.6 120.8 181.2
 98 63.3 47.7 71.5





#13

Acrolein

Concen: 204.924 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

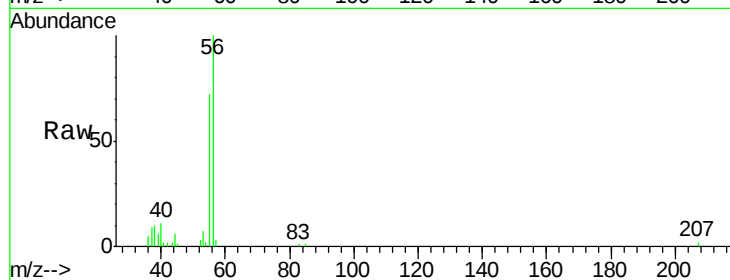
VSTDCCC050

Tgt Ion: 56 Resp: 65289

Ion Ratio Lower Upper

56 100

55 72.8 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

25000

20000

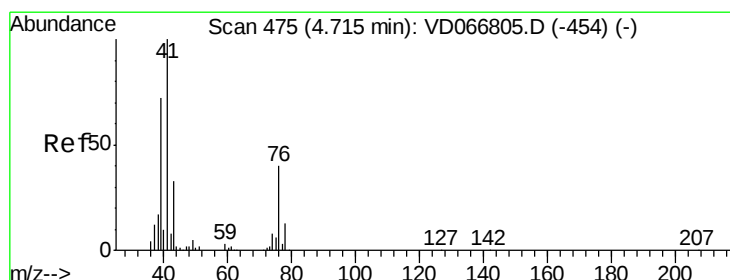
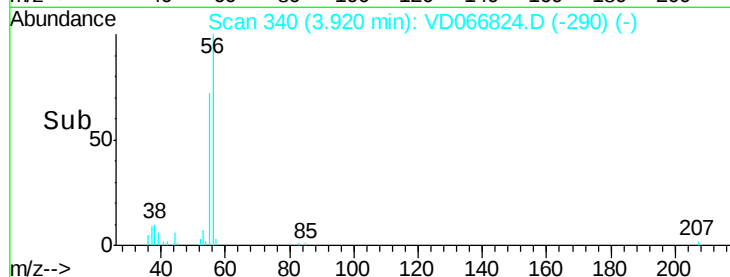
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 46.905 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

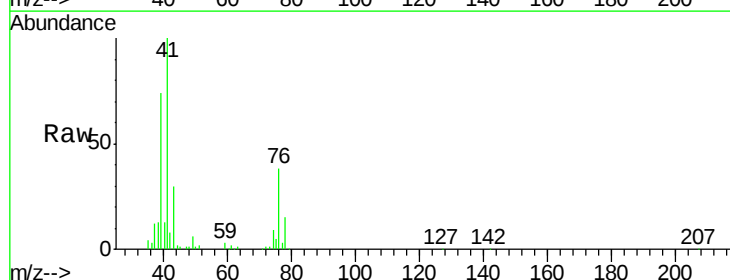
Tgt Ion: 41 Resp: 297604

Ion Ratio Lower Upper

41 100

39 70.9 57.8 86.8

76 39.5 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

120000

100000

80000

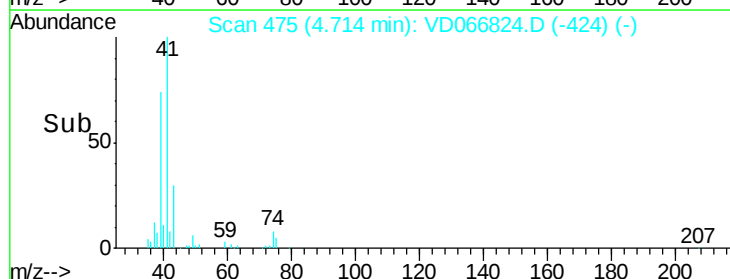
60000

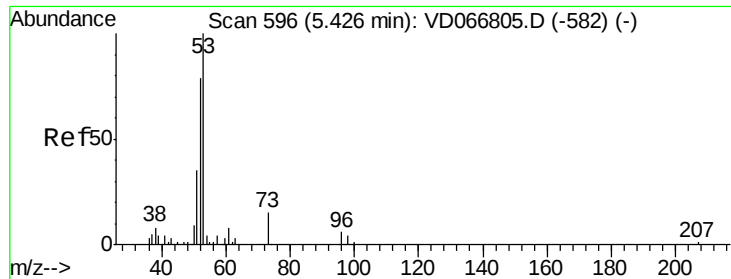
40000

20000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 228.478 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

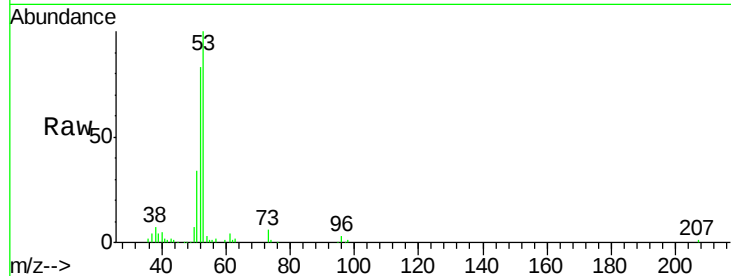
Tgt Ion: 53 Resp: 211447

Ion Ratio Lower Upper

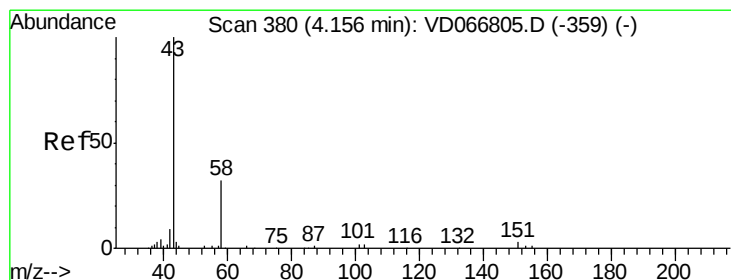
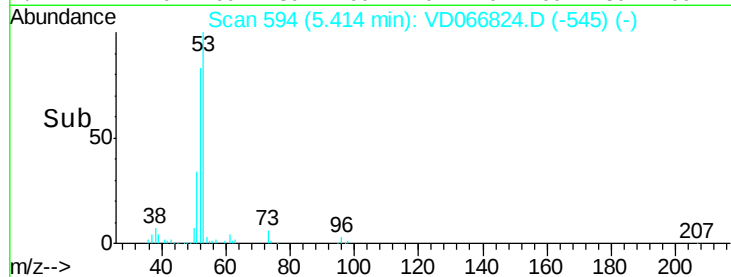
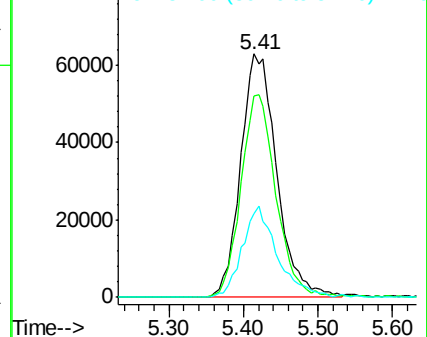
53 100

52 80.8 65.2 97.8

51 36.2 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 201.563 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066824.D

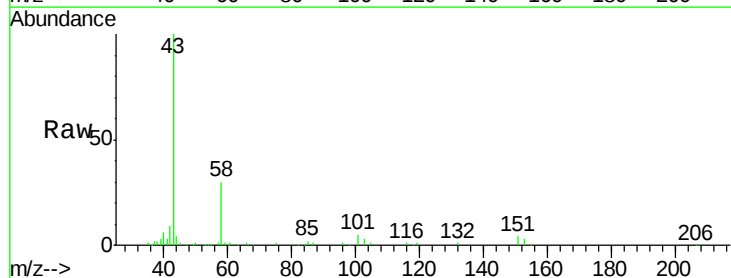
Acq: 23 Sep 2020 10:11

Tgt Ion: 43 Resp: 184668

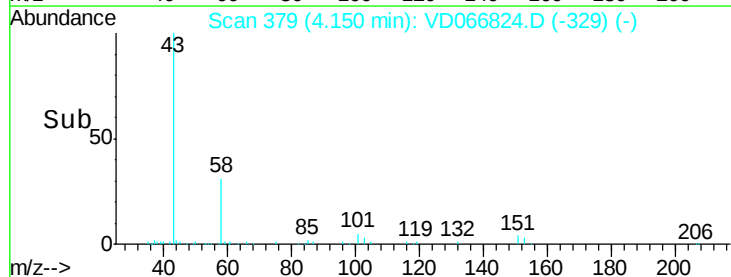
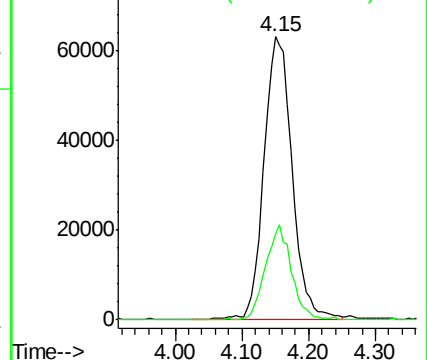
Ion Ratio Lower Upper

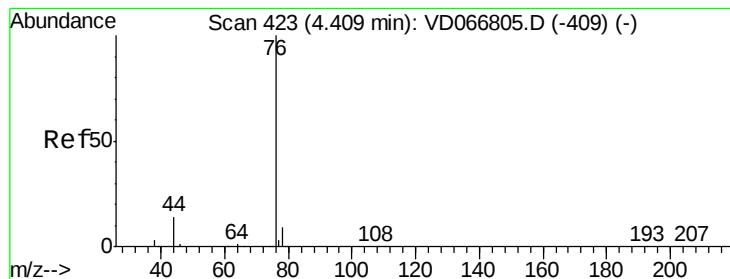
43 100

58 30.3 25.6 38.4



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





#17

Carbon Disulfide

Concen: 46.175 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

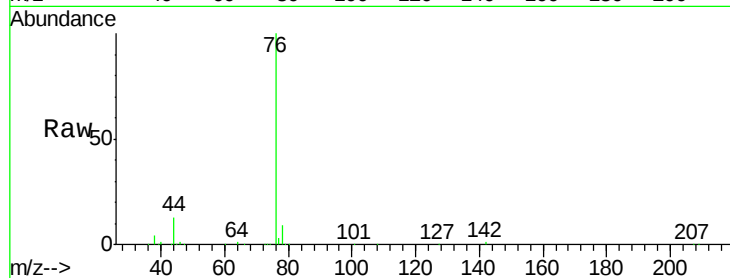
VSTDCCC050

Tgt Ion: 76 Resp: 609980

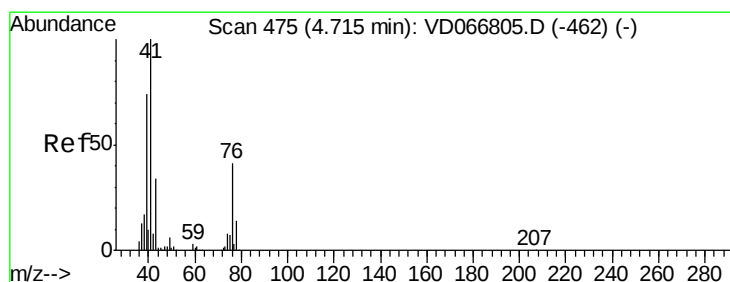
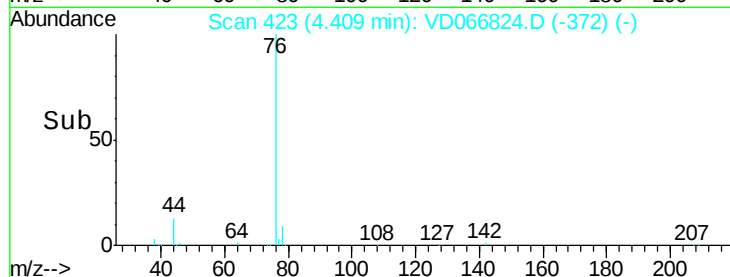
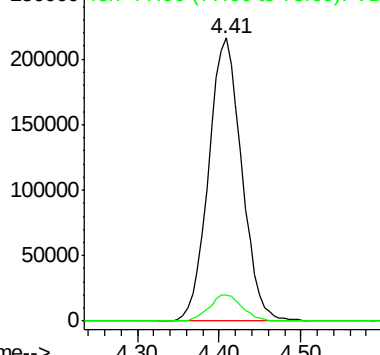
Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4



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



#18

Methyl Acetate

Concen: 46.419 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066824.D

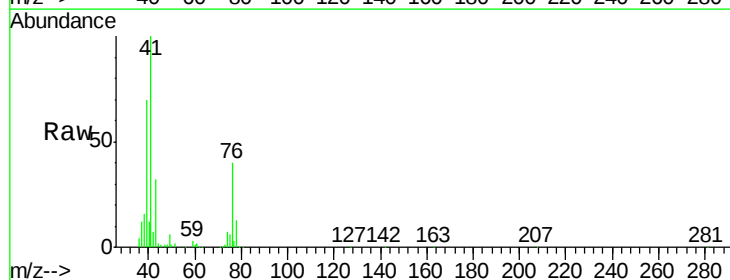
Acq: 23 Sep 2020 10:11

Tgt Ion: 43 Resp: 95421

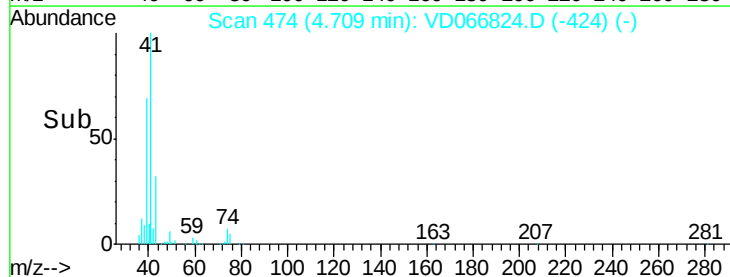
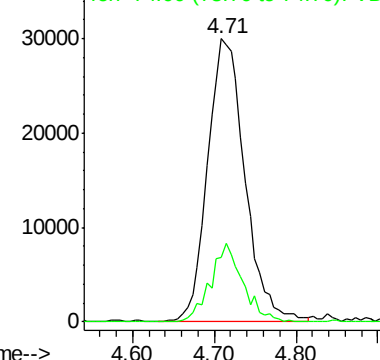
Ion Ratio Lower Upper

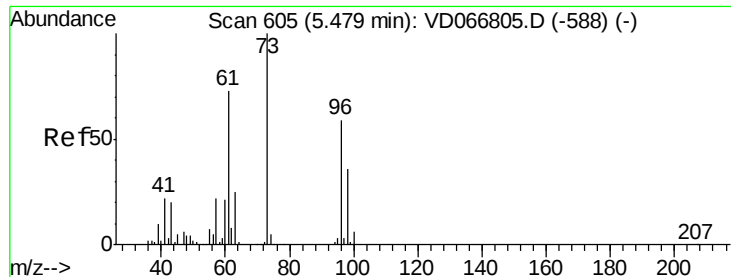
43 100

74 23.9 20.3 30.5



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

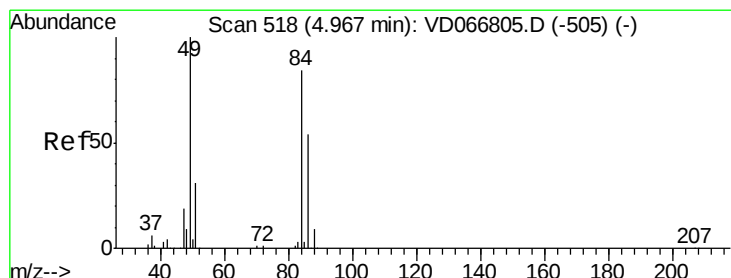
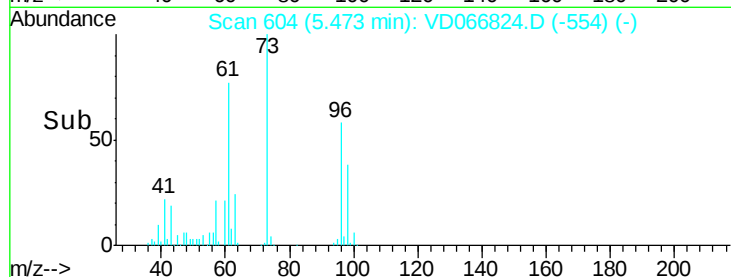
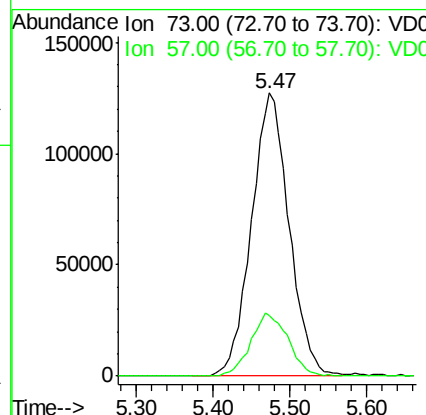
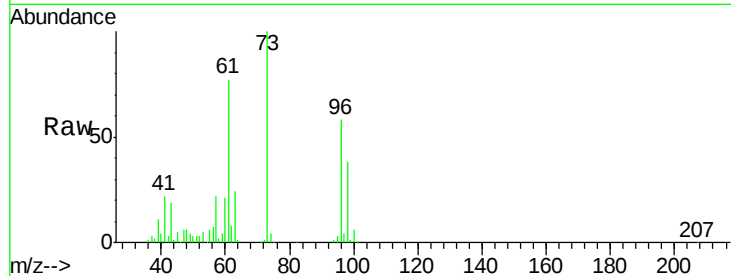




#19
Methyl tert-butyl Ether
Concen: 46.238 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

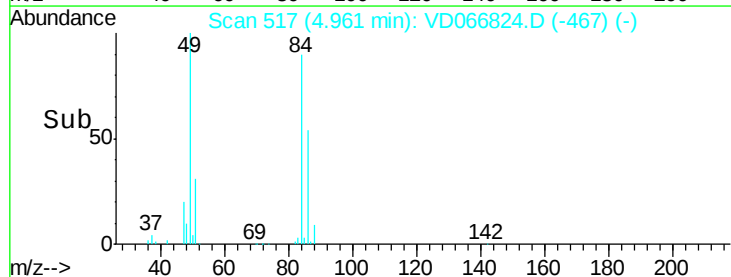
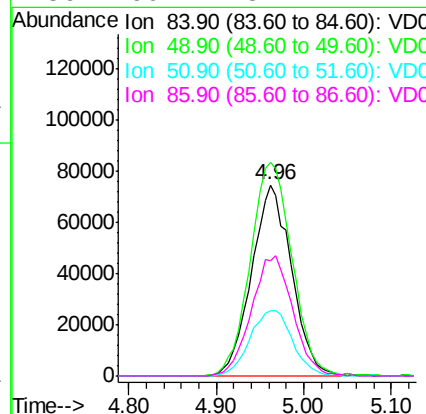
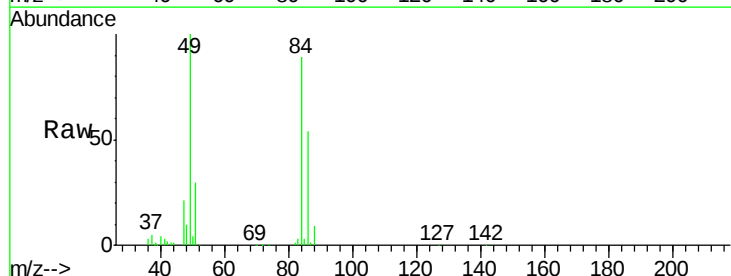
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

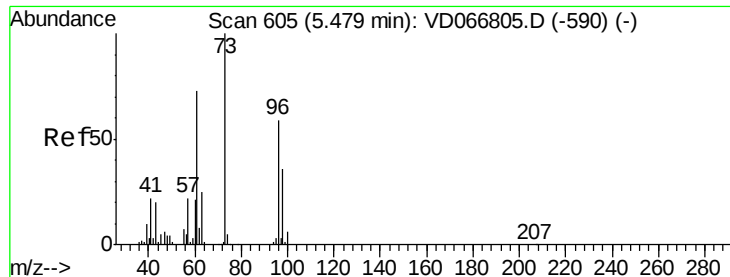
Tgt Ion: 73 Resp: 433872
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 46.759 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 84 Resp: 233070
Ion Ratio Lower Upper
84 100
49 111.9 95.4 143.2
51 34.0 29.7 44.5
86 60.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.987 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

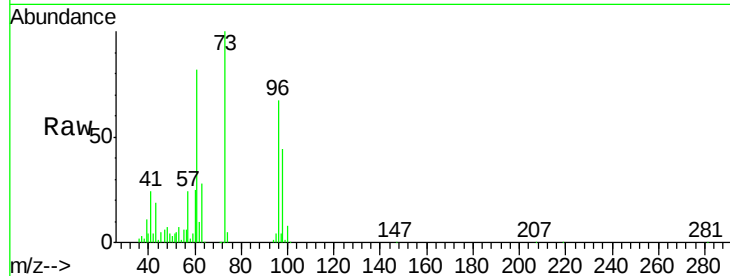
Tgt Ion: 96 Resp: 235083

Ion Ratio Lower Upper

96 100

61 122.8 98.9 148.3

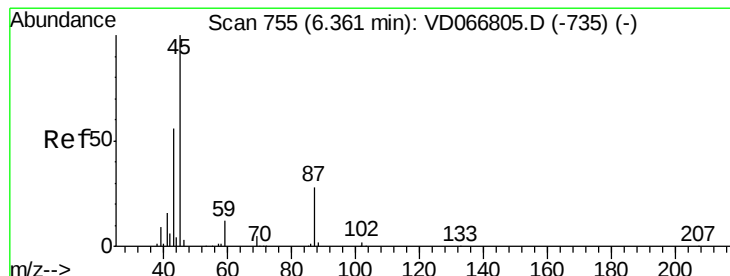
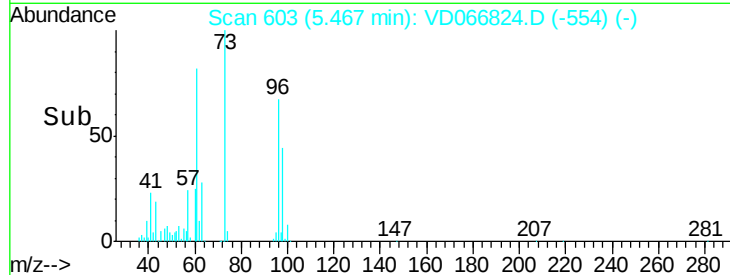
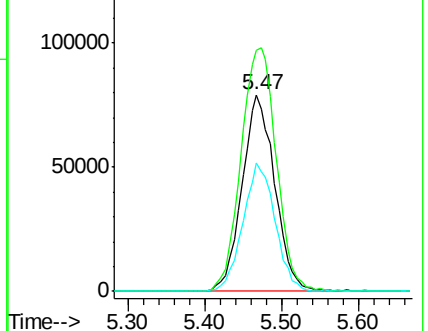
98 65.6 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.835 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Tgt Ion: 45 Resp: 610990

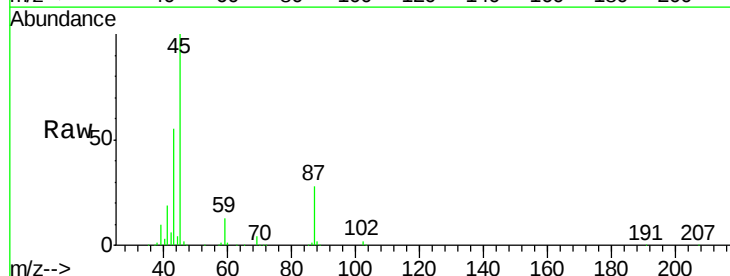
Ion Ratio Lower Upper

45 100

43 54.0 44.5 66.7

87 27.5 22.9 34.3

59 12.8 9.4 14.0

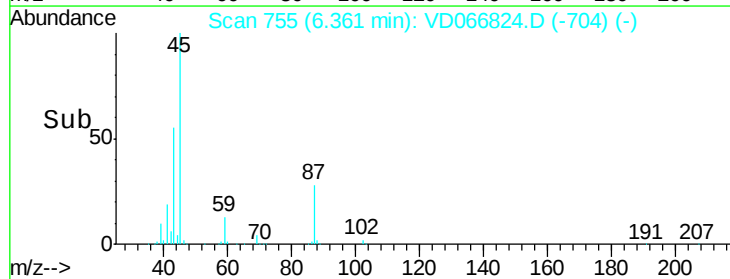
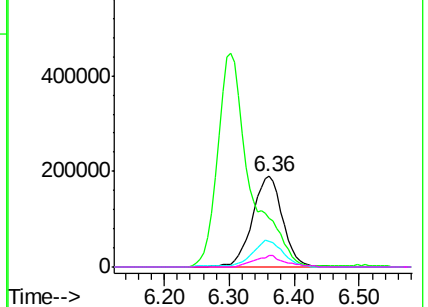


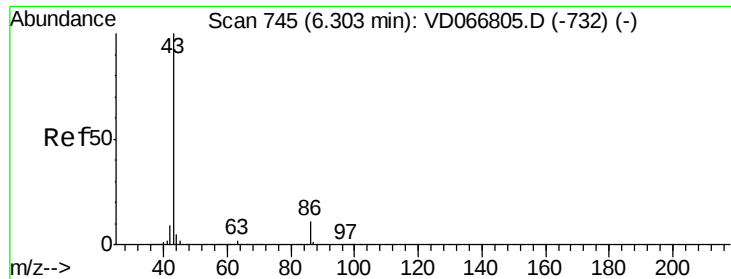
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 218.137 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

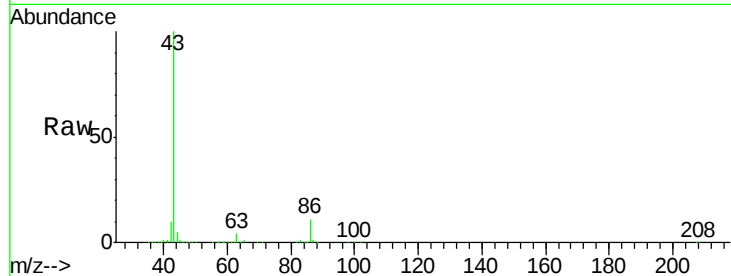
VSTDCCC050

Tgt Ion: 43 Resp: 1542600

Ion Ratio Lower Upper

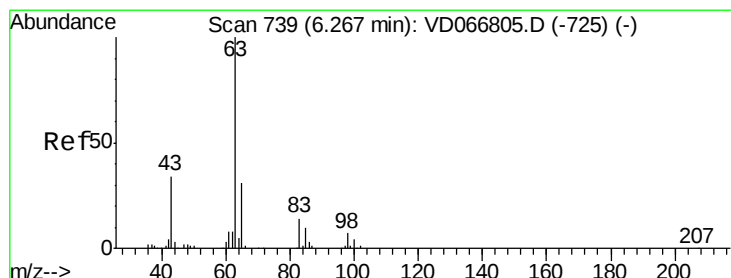
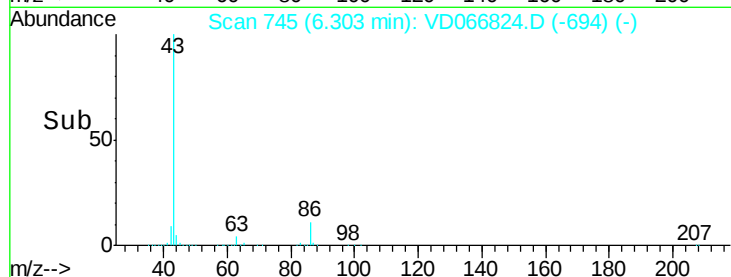
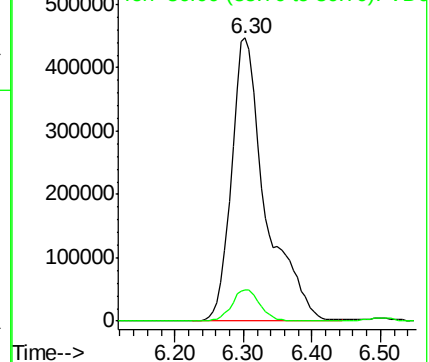
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.409 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

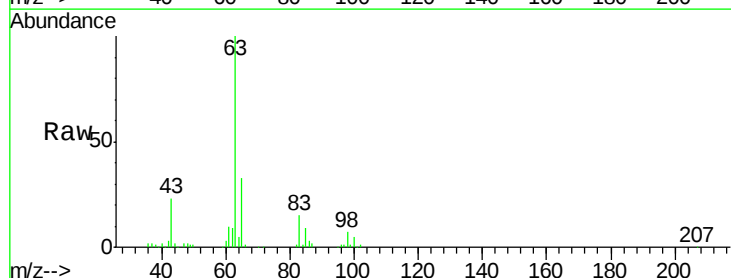
Tgt Ion: 63 Resp: 396301

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

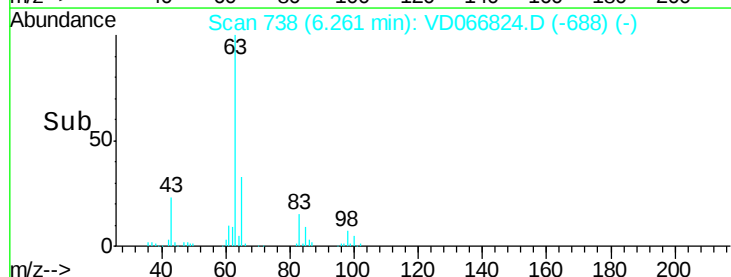
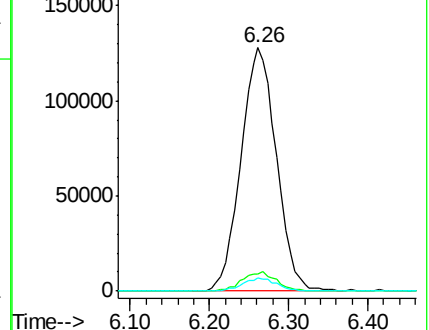
100 5.2 1.8 5.5

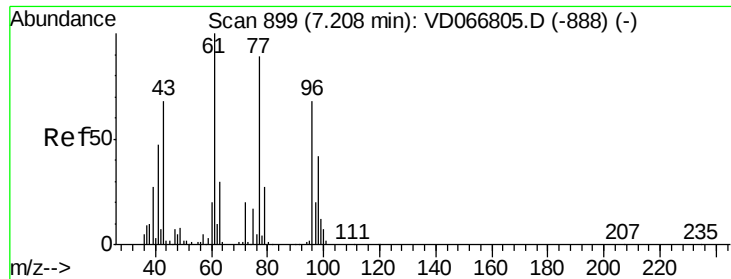


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 203.775 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

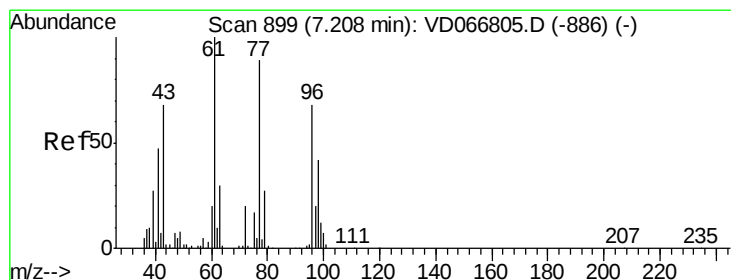
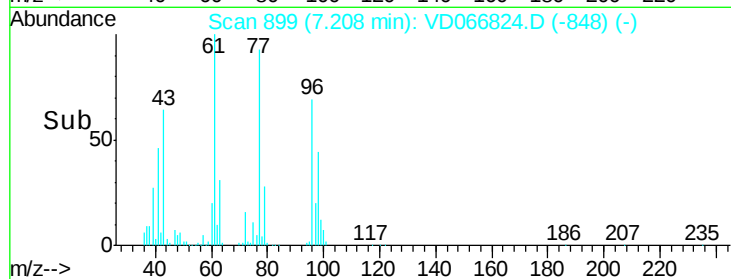
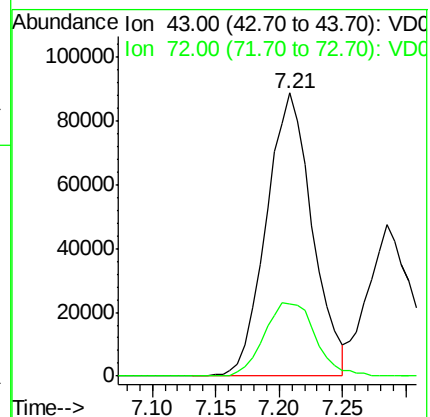
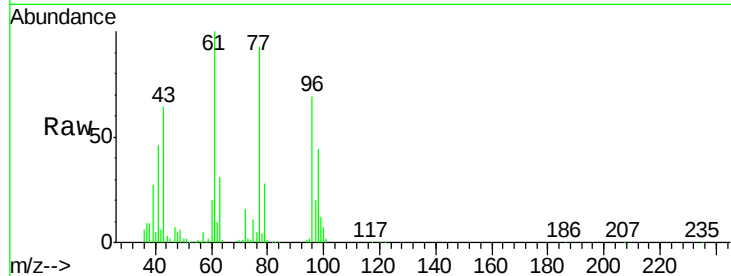
VSTDCCC050

Tgt Ion: 43 Resp: 224356

Ion Ratio Lower Upper

43 100

72 25.5 22.9 34.3



#26

2,2-Dichloropropane

Concen: 46.514 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066824.D

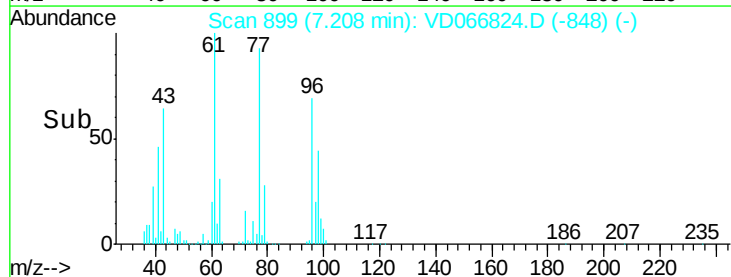
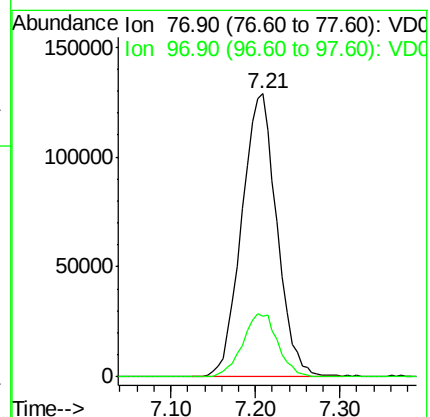
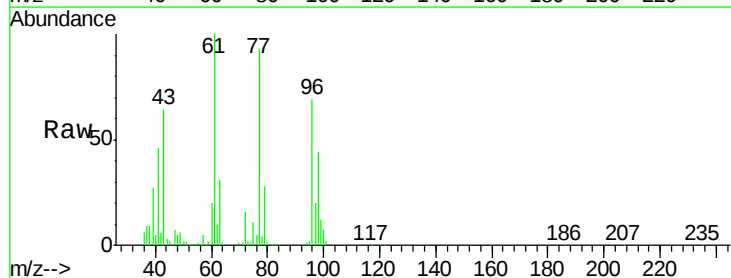
Acq: 23 Sep 2020 10:11

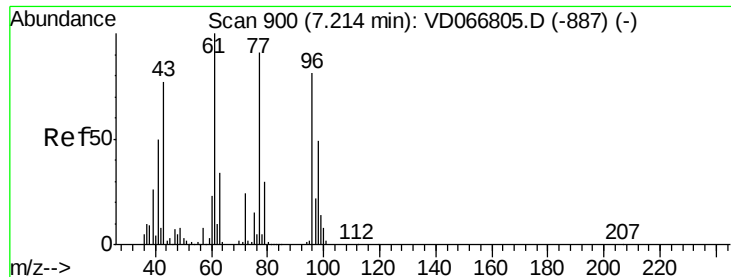
Tgt Ion: 77 Resp: 372074

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1



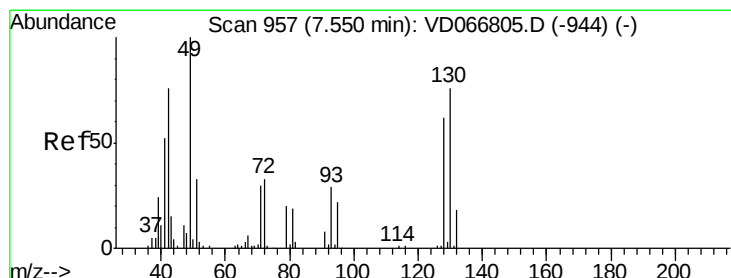
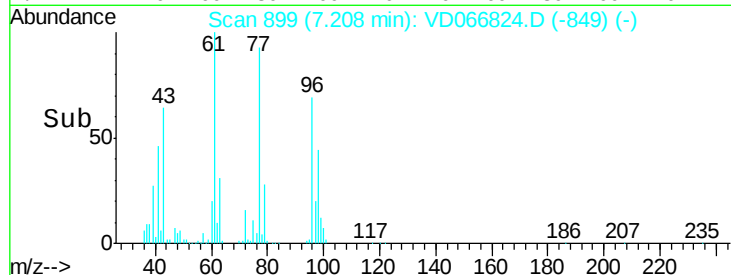
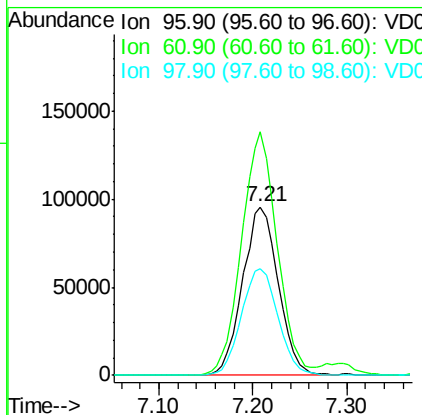
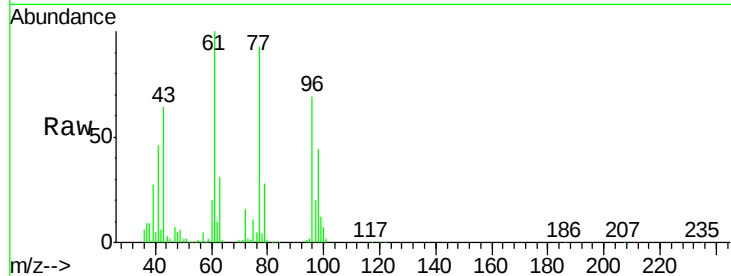


#27

cis-1,2-Dichloroethene
 Concen: 46.420 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

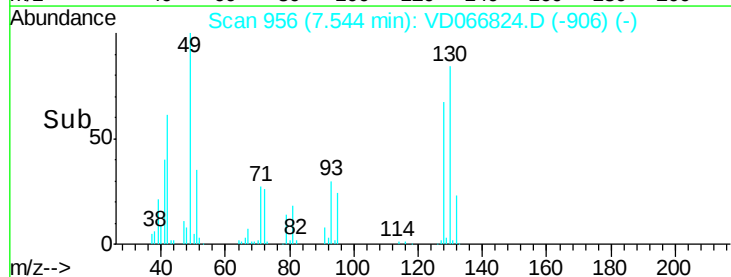
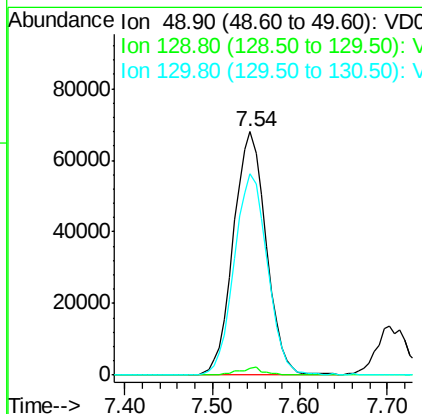
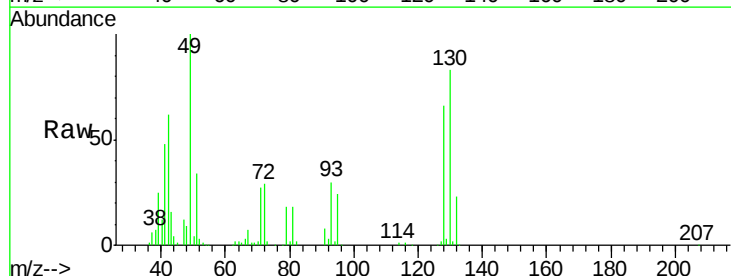
Tgt Ion: 96 Resp: 252342
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 283.8
 98 65.1 0.0 128.4

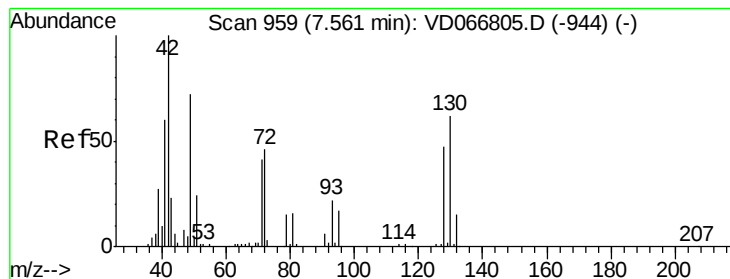


#28

Bromochloromethane
 Concen: 47.974 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 49 Resp: 172970
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.0#
 130 83.7 65.9 98.9





#29

Tetrahydrofuran

Concen: 225.307 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

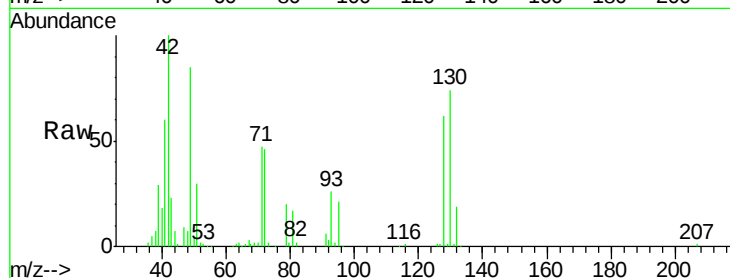
Tgt Ion: 42 Resp: 158947

Ion Ratio Lower Upper

42 100

72 47.5 36.2 54.4

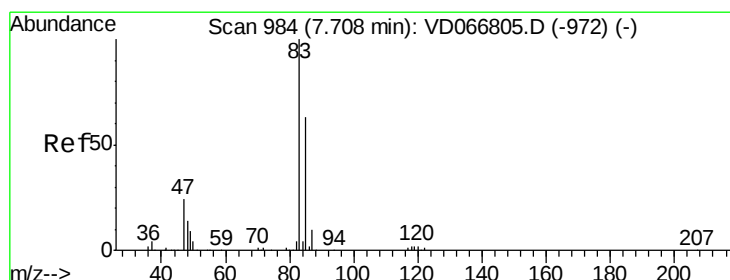
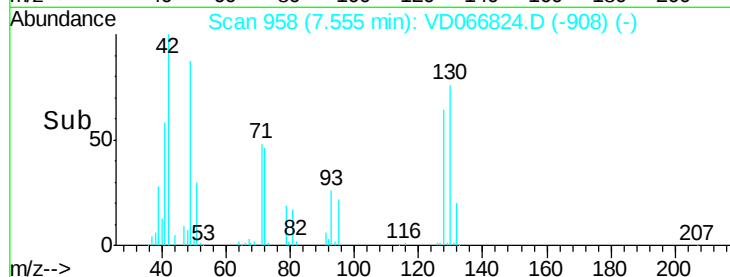
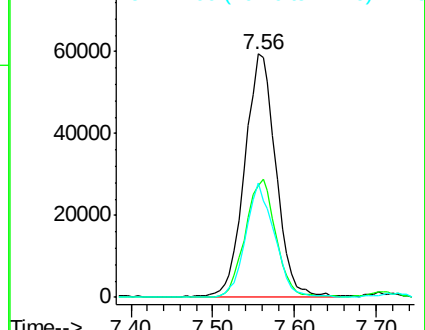
71 43.0 32.4 48.6



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 45.637 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066824.D

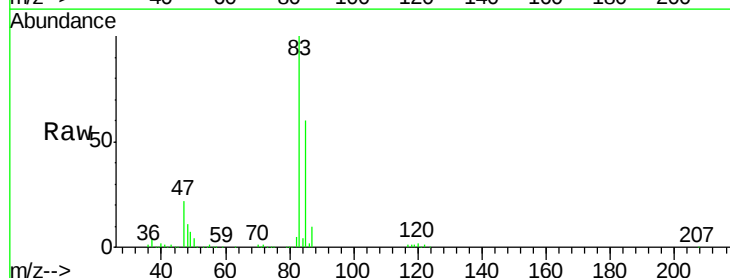
Acq: 23 Sep 2020 10:11

Tgt Ion: 83 Resp: 429336

Ion Ratio Lower Upper

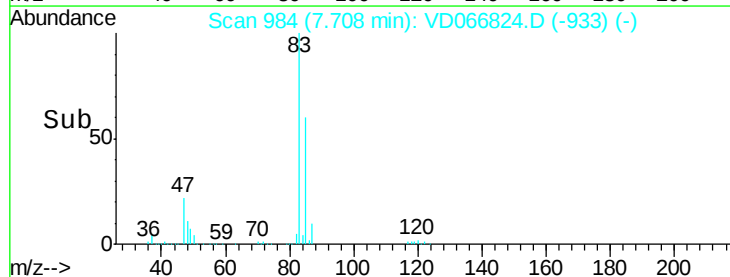
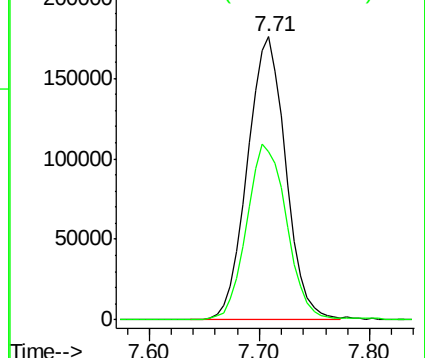
83 100

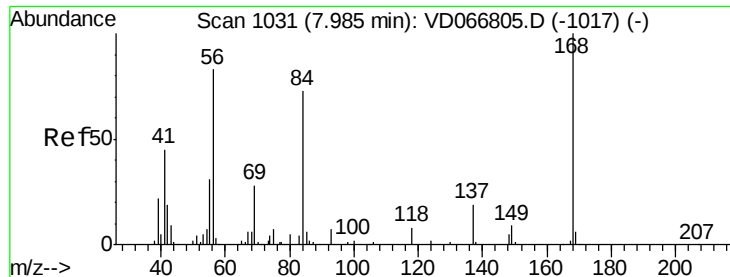
85 59.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

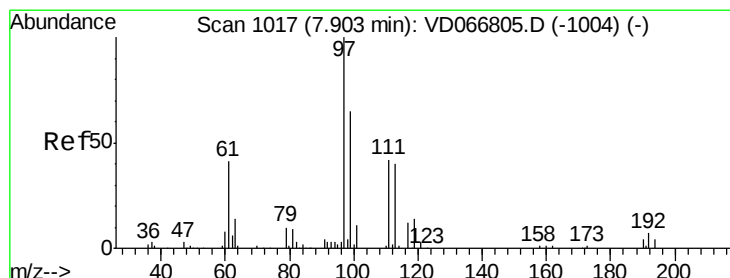
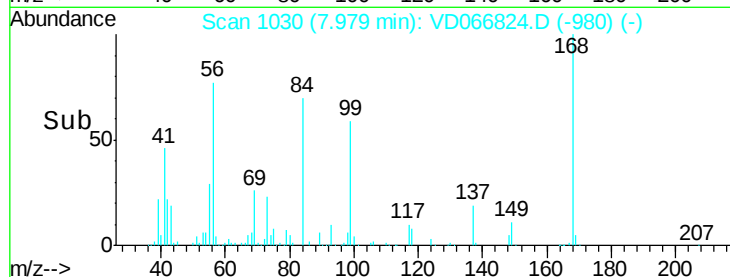
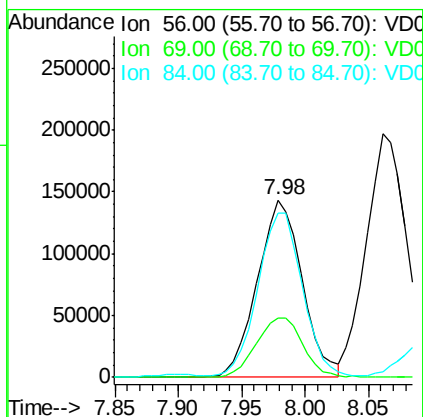
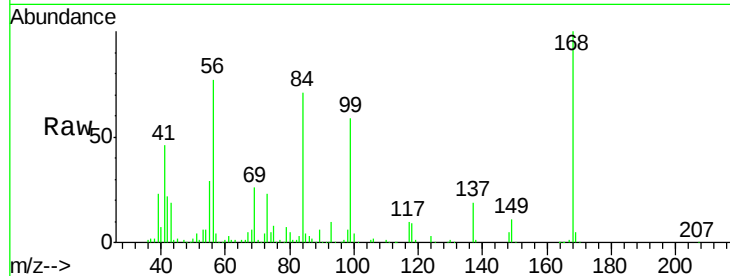




#31
Cyclohexane
Concen: 45.050 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

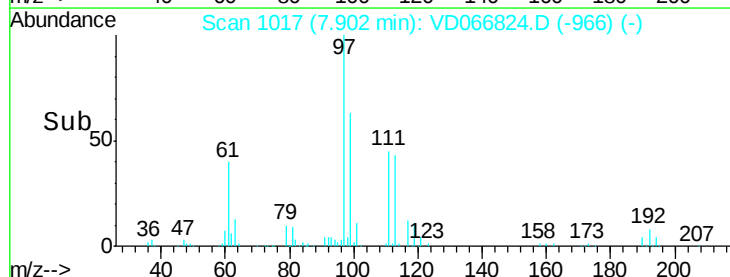
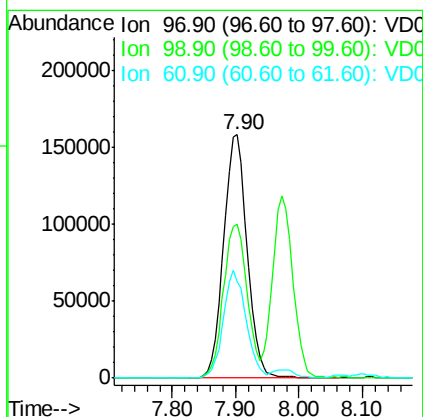
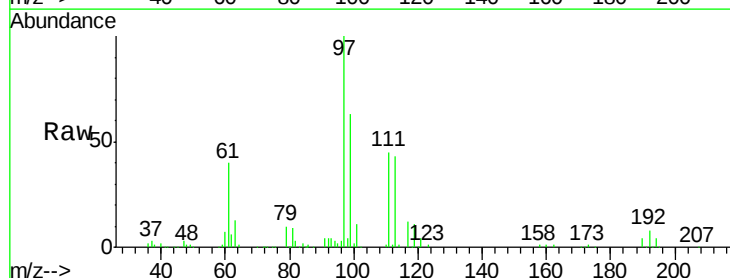
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

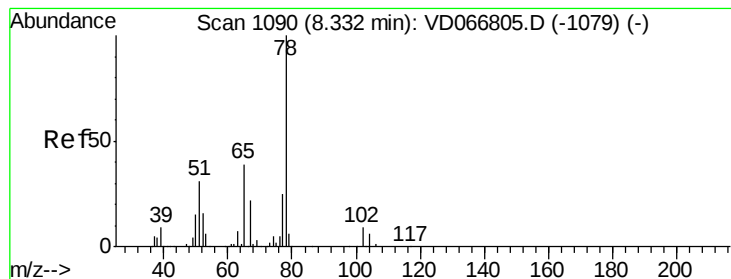
Tgt Ion: 56 Resp: 353766
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.4
84 90.5 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 47.641 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 97 Resp: 405432
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 42.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 43.601 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

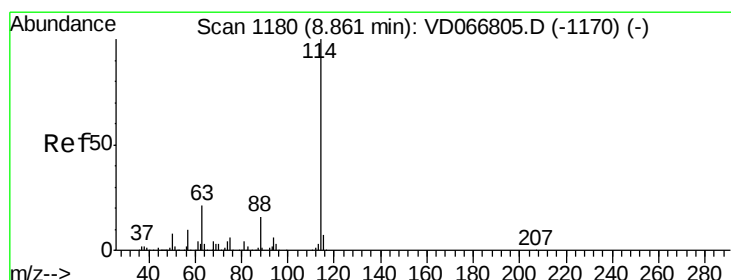
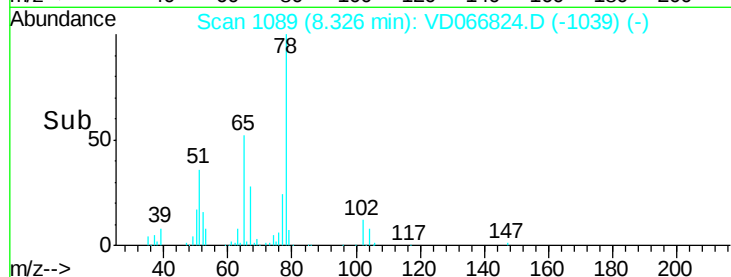
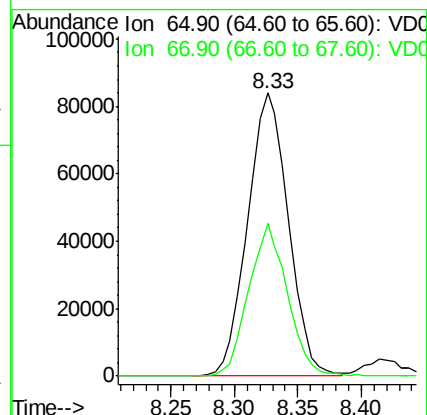
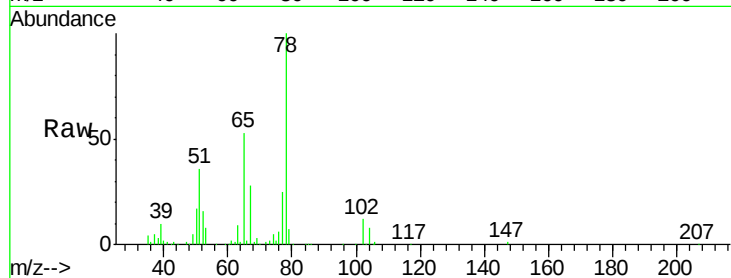
VSTDCCC050

Tgt Ion: 65 Resp: 188307

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

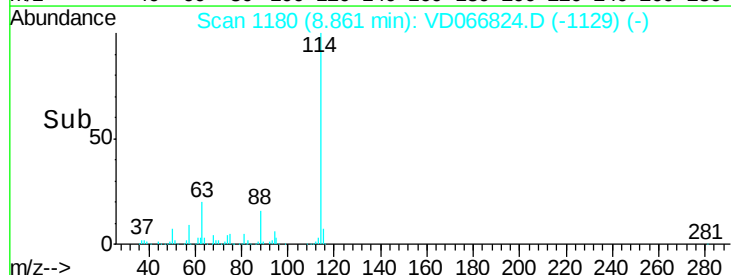
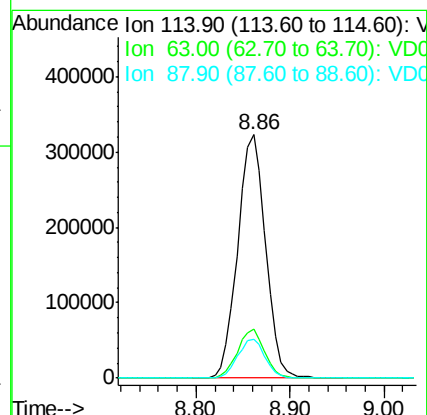
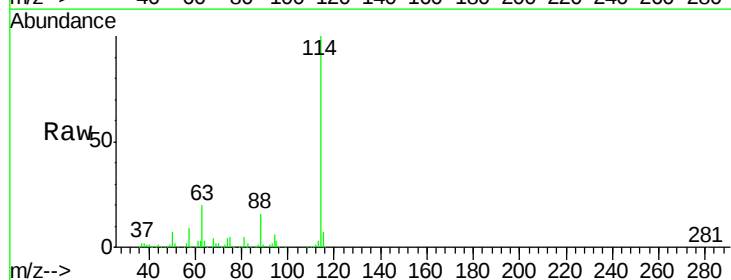
Tgt Ion: 114 Resp: 666336

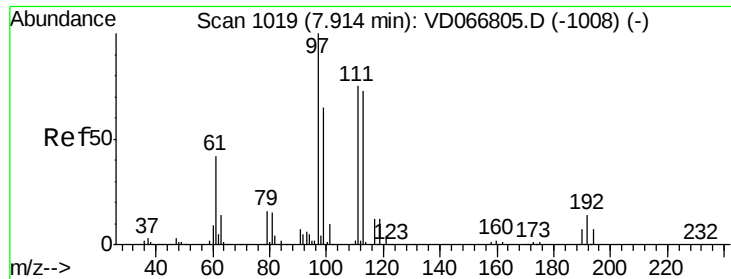
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.8 0.0 32.6

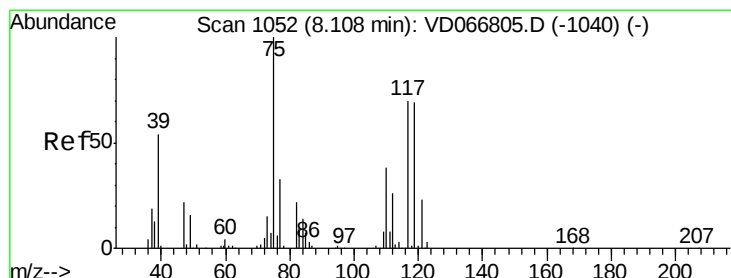
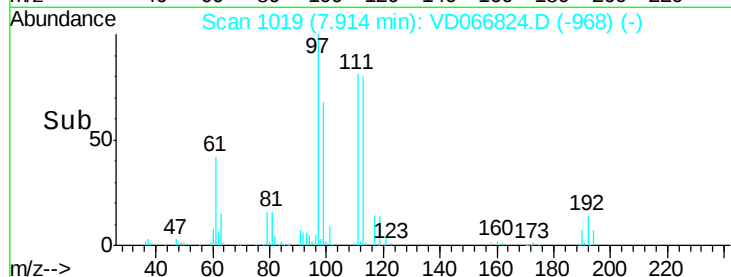
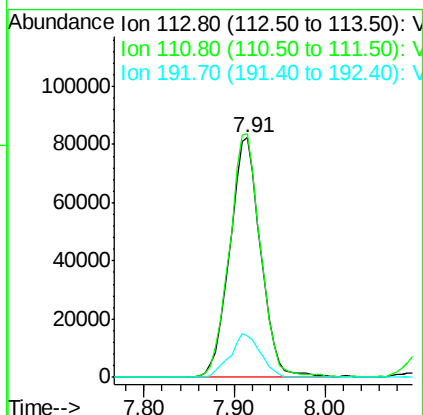
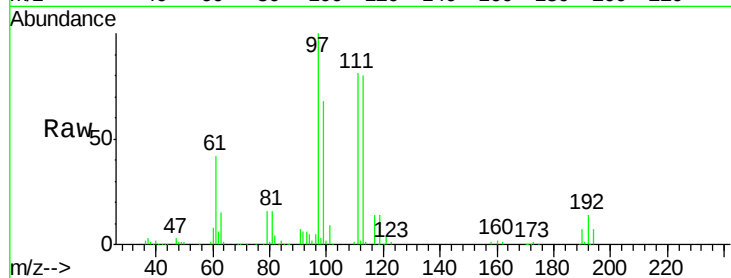




#35
 Dibromofluoromethane
 Concen: 46.027 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

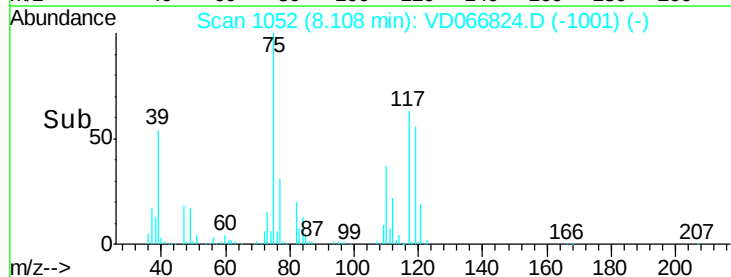
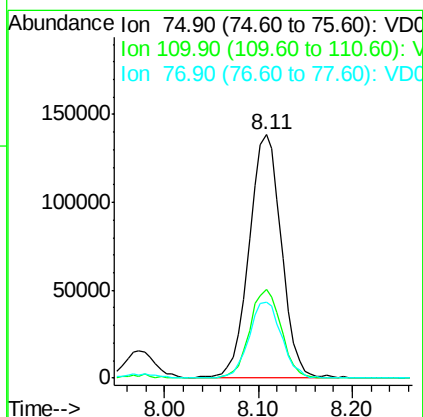
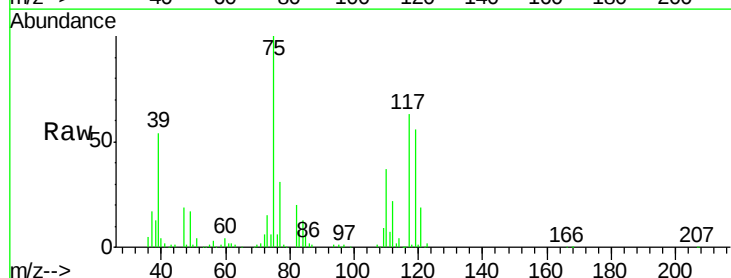
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

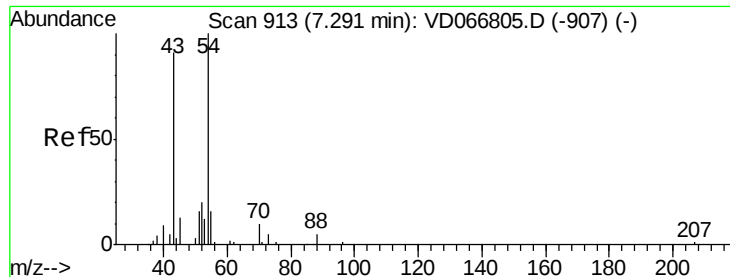
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	17.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 49.482 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.8
77	32.0	25.0	37.6

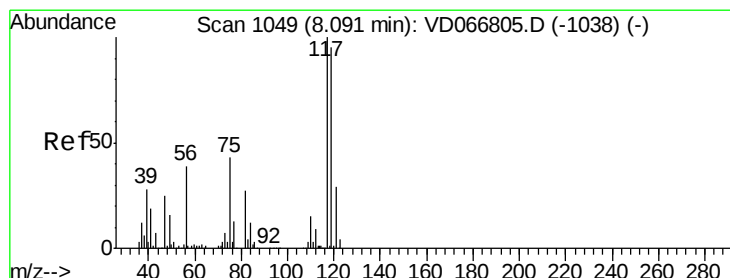
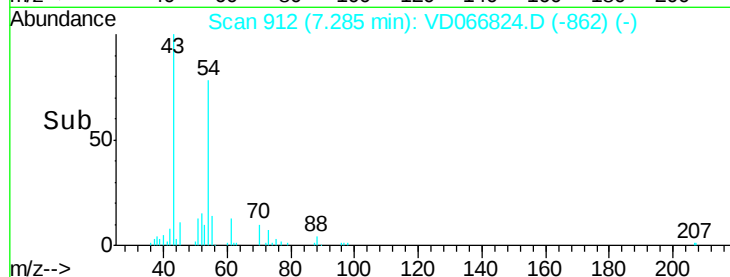
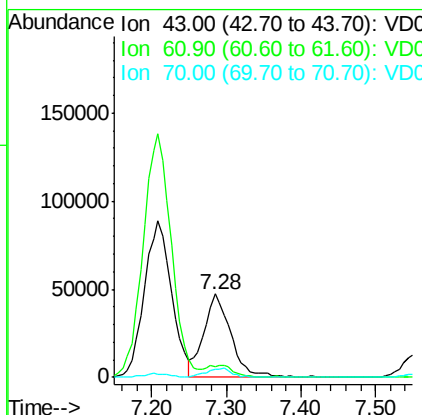
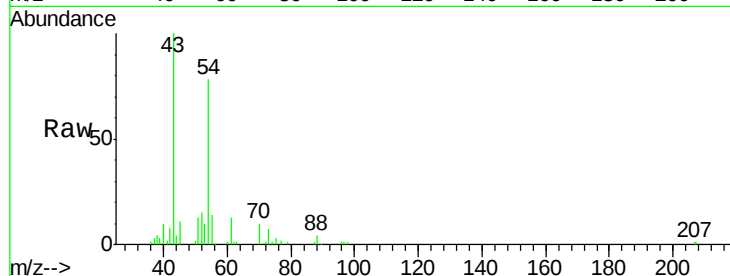




#37
Ethyl Acetate
Concen: 50.505 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

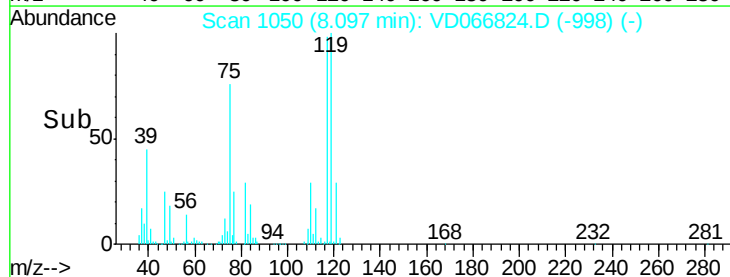
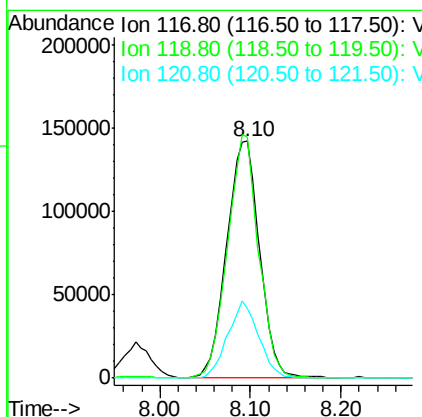
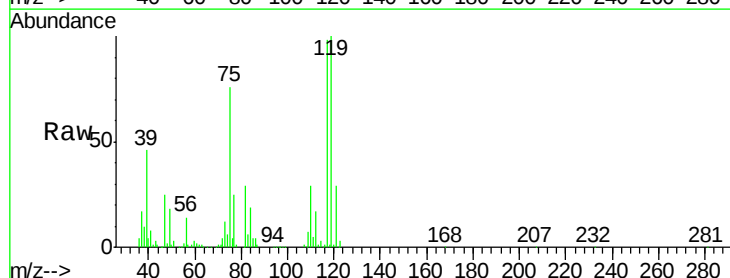
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

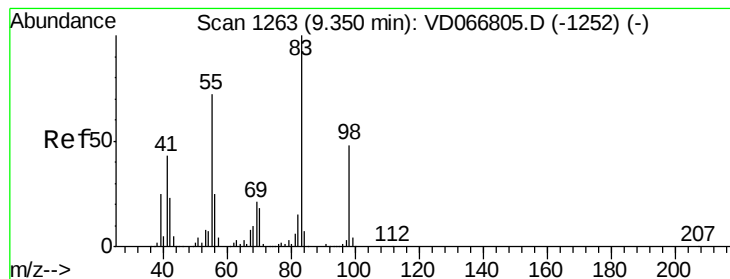
Tgt Ion: 43 Resp: 120697
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 10.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.499 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 117 Resp: 357743
Ion Ratio Lower Upper
117 100
119 101.6 75.8 113.8
121 29.5 23.4 35.0





#39

Methylcyclohexane

Concen: 52.023 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

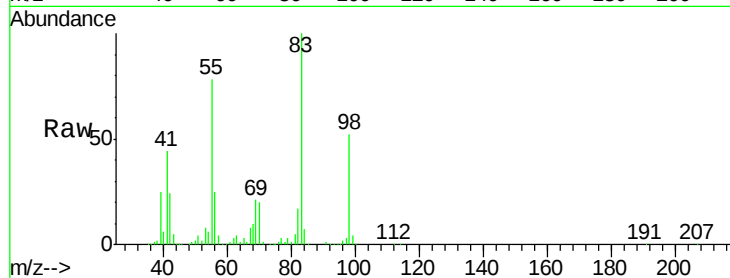
Tgt Ion: 83 Resp: 394851

Ion Ratio Lower Upper

83 100

55 77.7 57.7 86.5

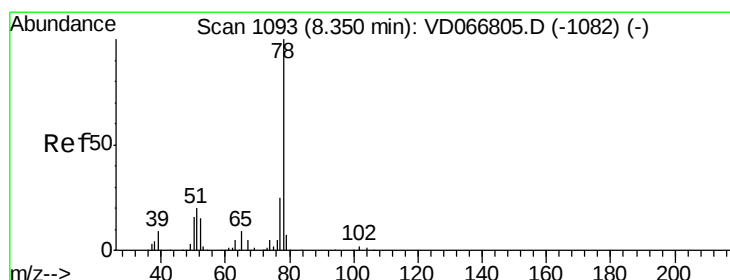
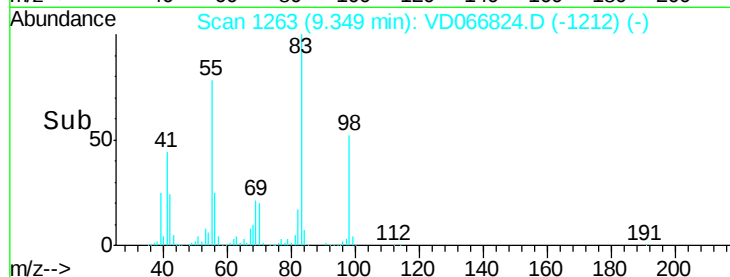
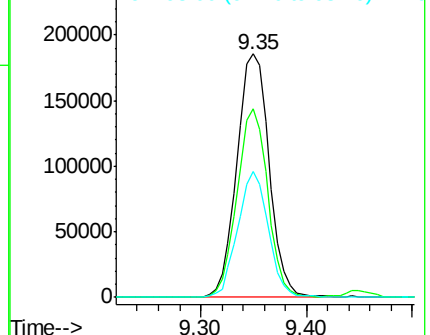
98 51.9 38.4 57.6



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 49.160 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD066824.D

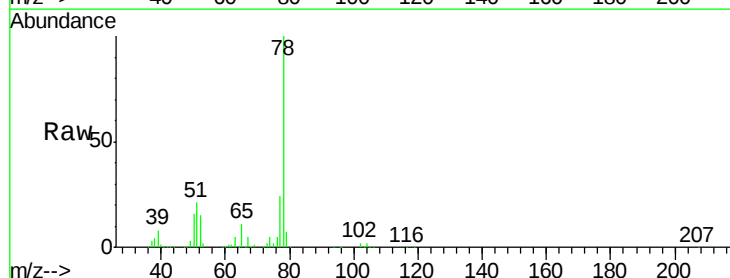
Acq: 23 Sep 2020 10:11

Tgt Ion: 78 Resp: 905702

Ion Ratio Lower Upper

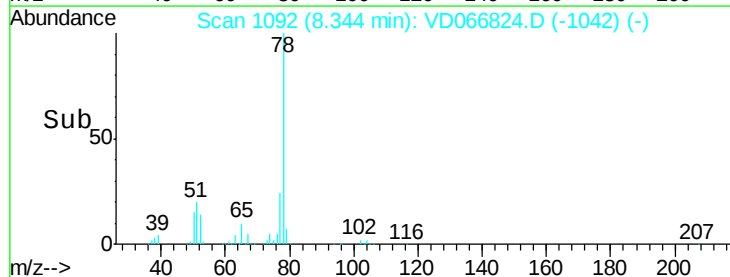
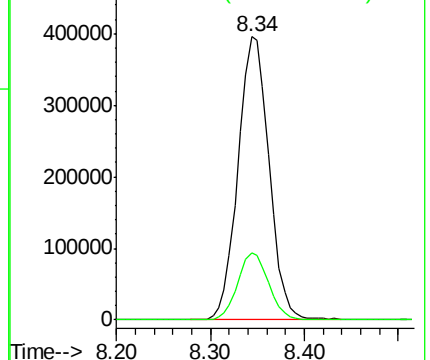
78 100

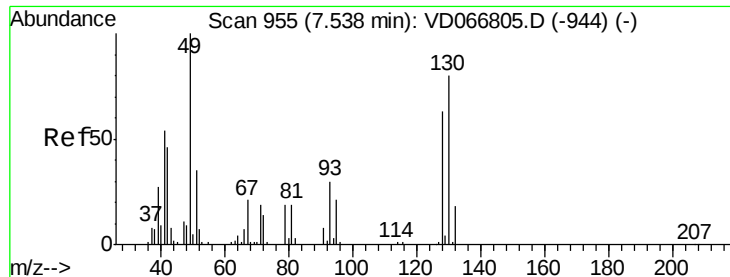
77 23.8 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 55.979 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 82269

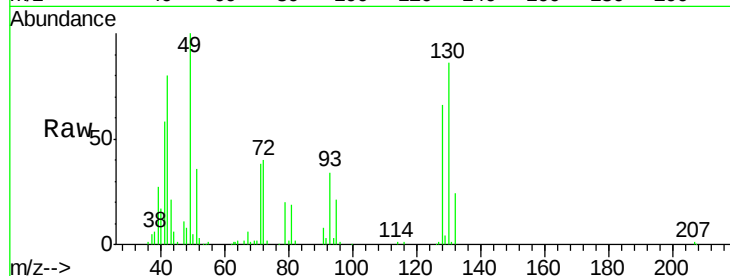
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

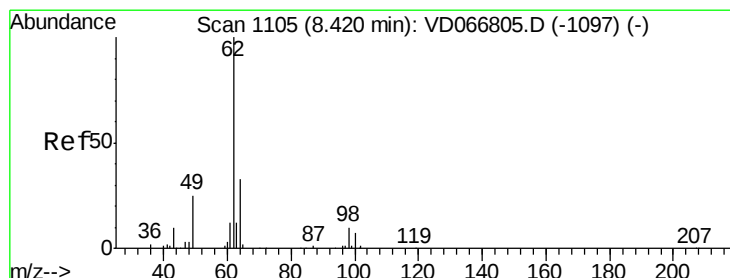
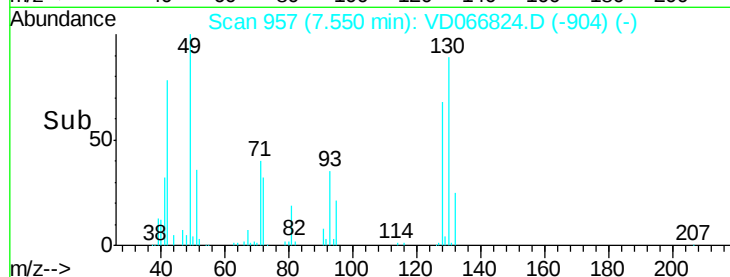
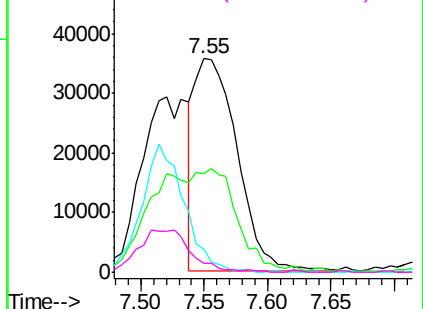


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 47.882 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066824.D

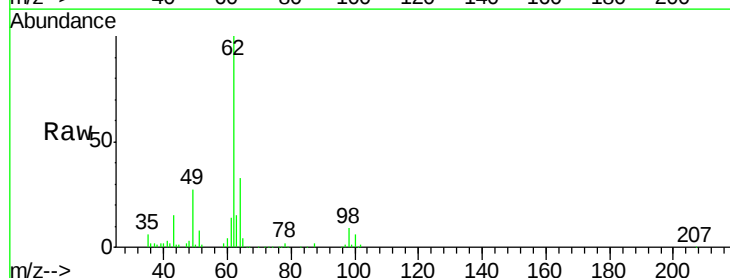
Acq: 23 Sep 2020 10:11

Tgt Ion: 62 Resp: 260789

Ion Ratio Lower Upper

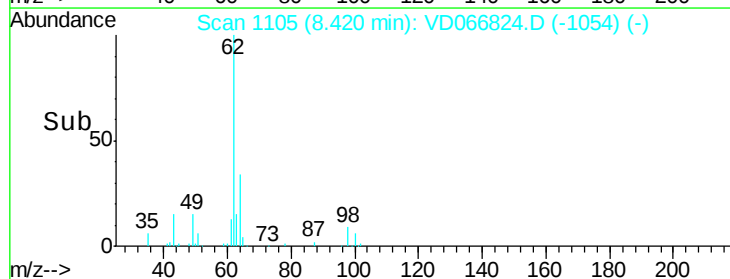
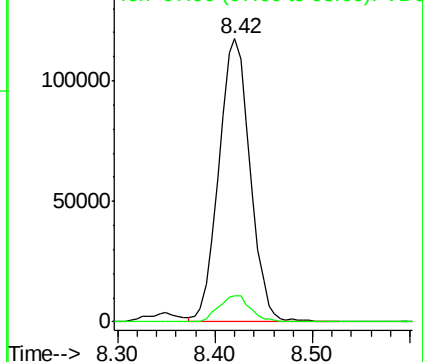
62 100

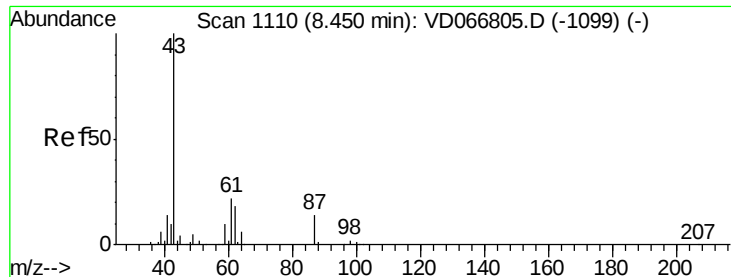
98 9.6 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

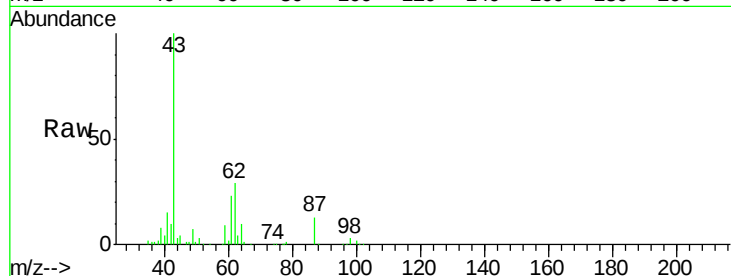




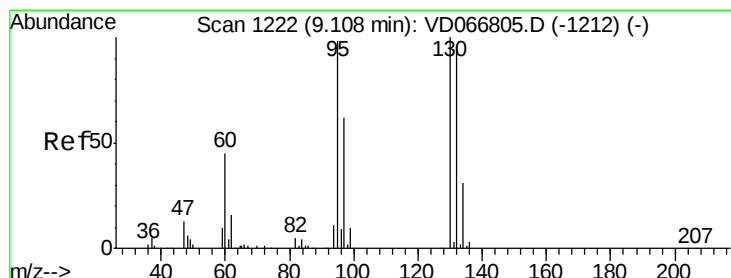
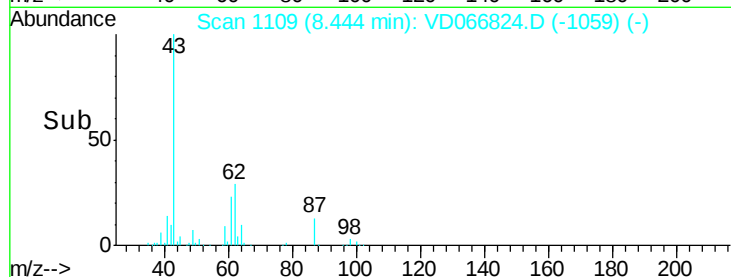
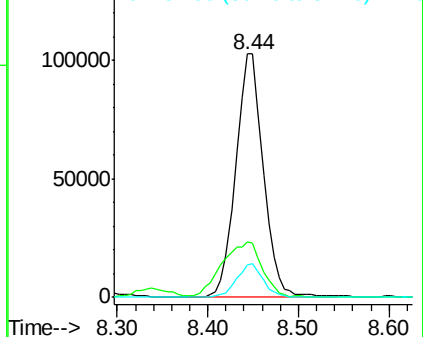
#43
Isopropyl Acetate
Concen: 47.320 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 218020
Ion Ratio Lower Upper
43 100
61 33.2 26.2 39.4
87 13.2 11.5 17.3

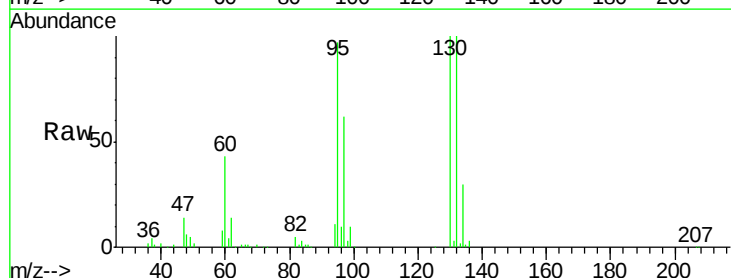


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

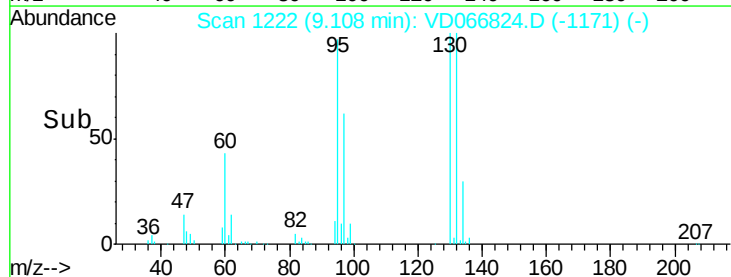
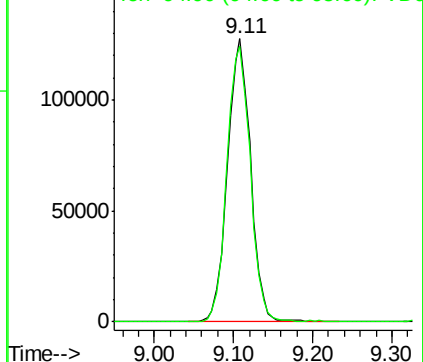


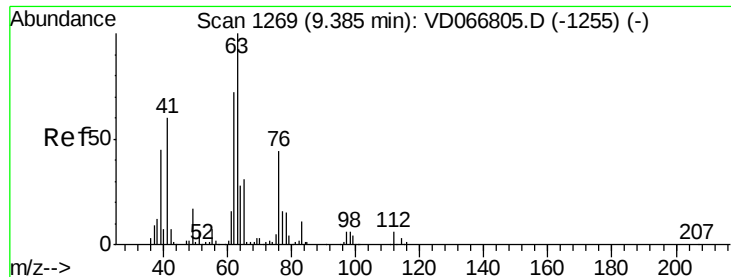
#44
Trichloroethene
Concen: 48.865 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 130 Resp: 256605
Ion Ratio Lower Upper
130 100
95 97.2 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.791 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

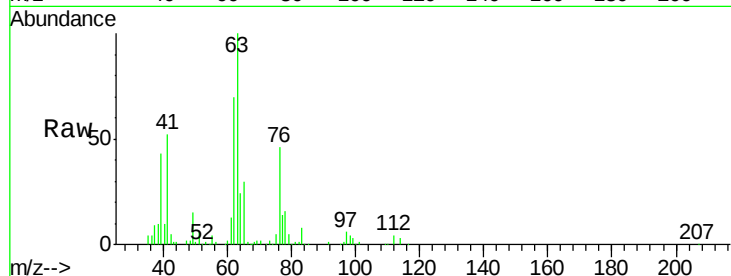
VSTDCCC050

Tgt Ion: 63 Resp: 226166

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

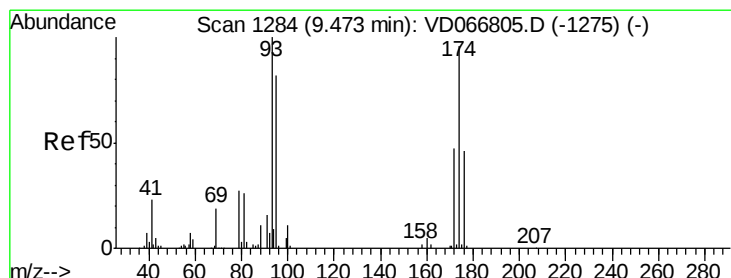
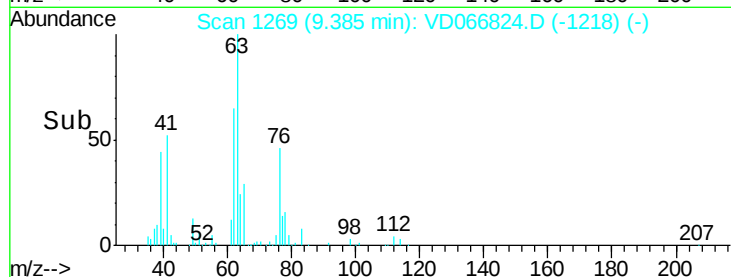
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 49.060 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

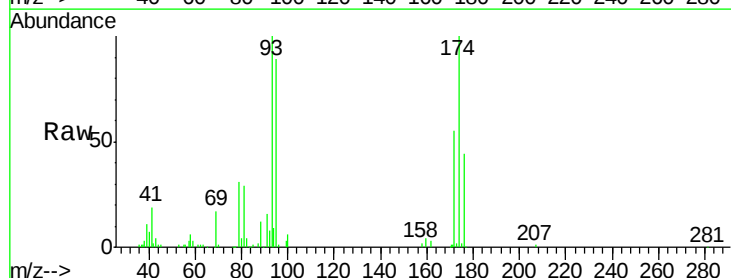
Tgt Ion: 93 Resp: 123560

Ion Ratio Lower Upper

93 100

95 84.8 65.3 97.9

174 96.8 75.4 113.2



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

80000

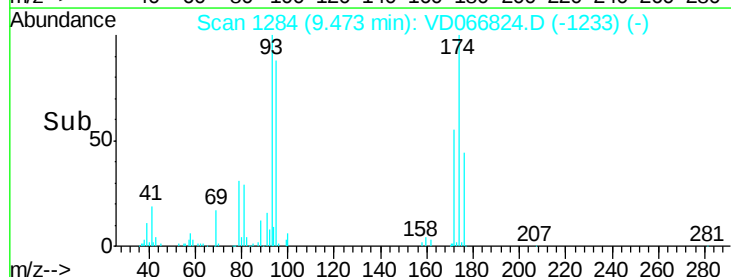
60000

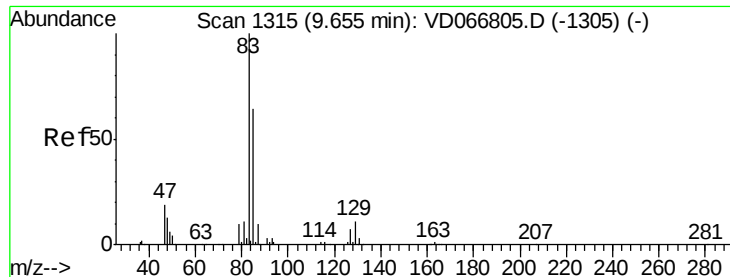
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 47.986 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

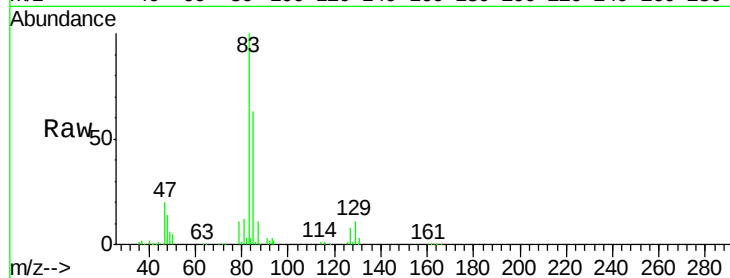
Tgt Ion: 83 Resp: 324655

Ion Ratio Lower Upper

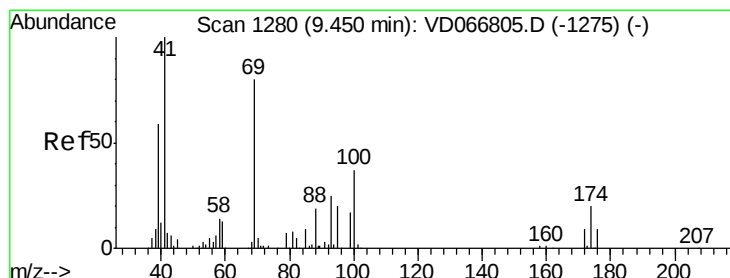
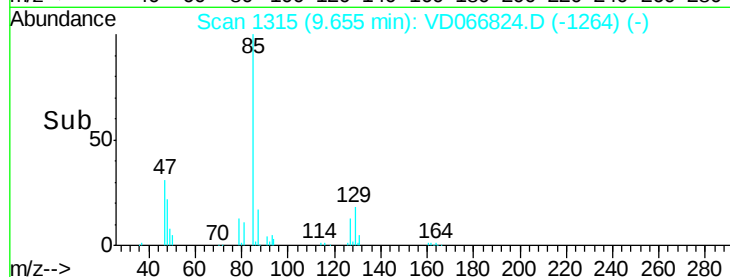
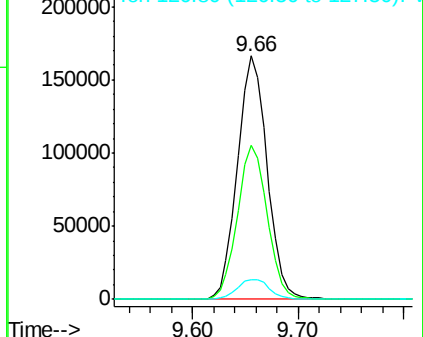
83 100

85 63.5 50.9 76.3

127 8.2 5.9 8.9



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



#48

Methyl methacrylate

Concen: 51.358 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

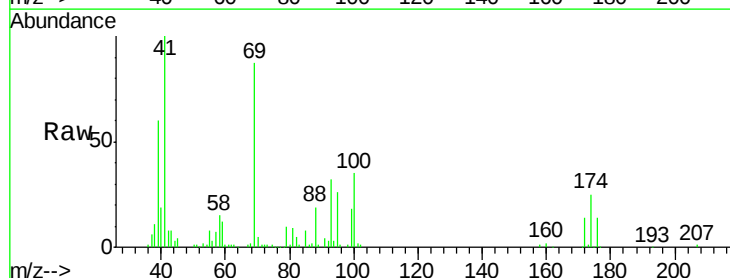
Tgt Ion: 41 Resp: 116668

Ion Ratio Lower Upper

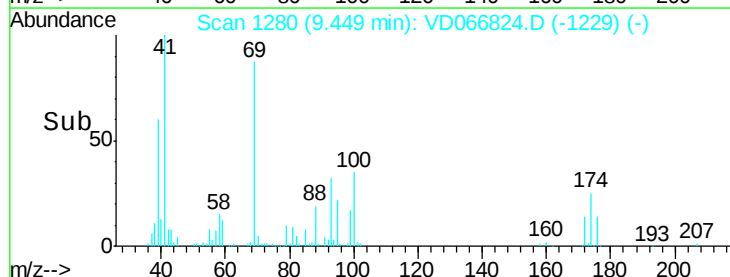
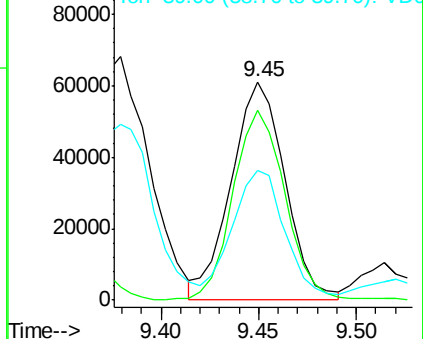
41 100

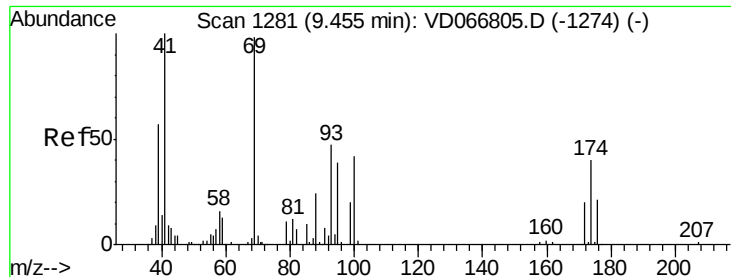
69 82.9 74.5 111.7

39 52.9 47.0 70.6



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

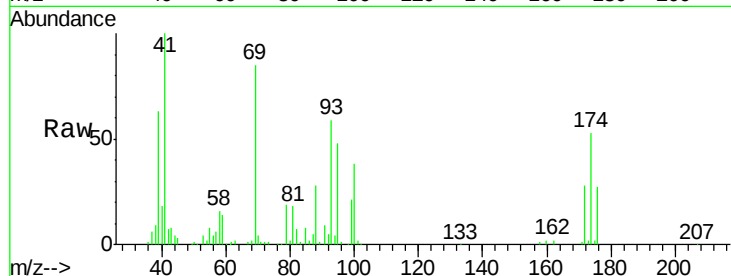




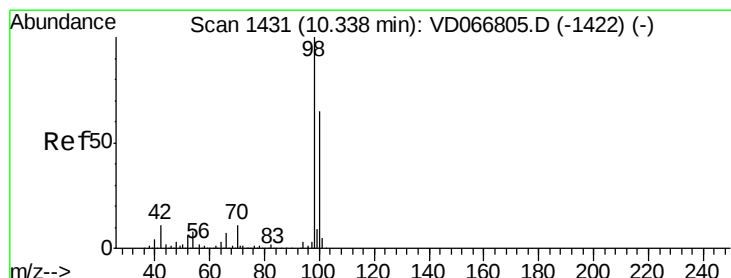
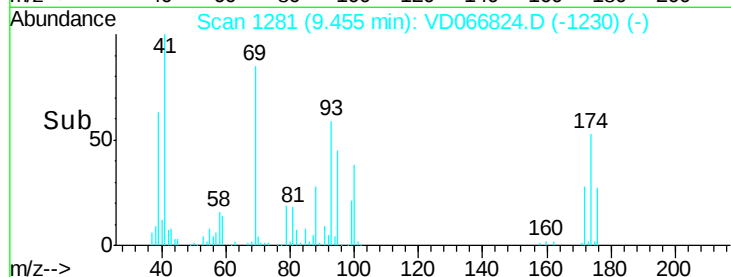
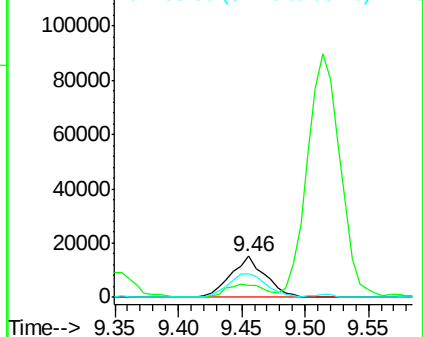
#49
1,4-Dioxane
Concen: 1013.862 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 28916
Ion Ratio Lower Upper
88 100
43 37.6 27.7 41.5
58 65.2 55.5 83.3

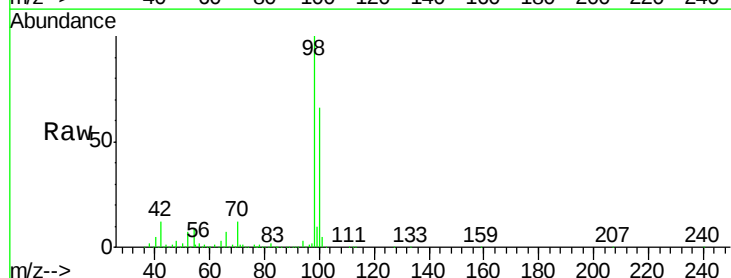


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

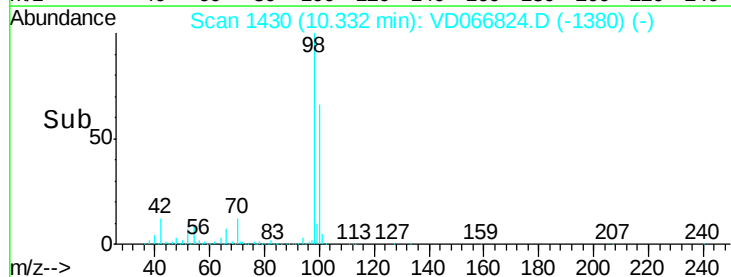
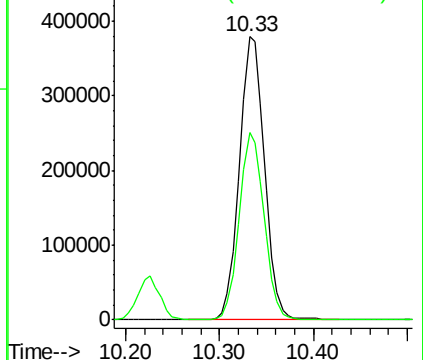


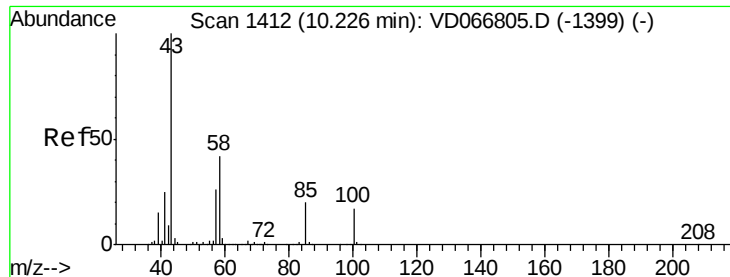
#50
Toluene-d8
Concen: 48.684 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 98 Resp: 703179
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 240.671 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

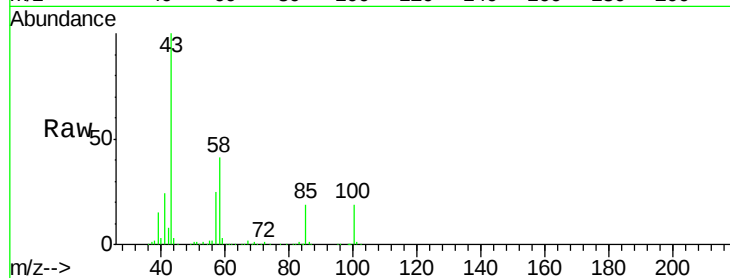
VSTDCCC050

Tgt Ion: 43 Resp: 561866

Ion Ratio Lower Upper

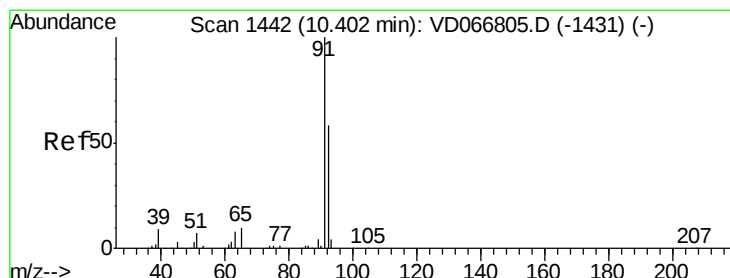
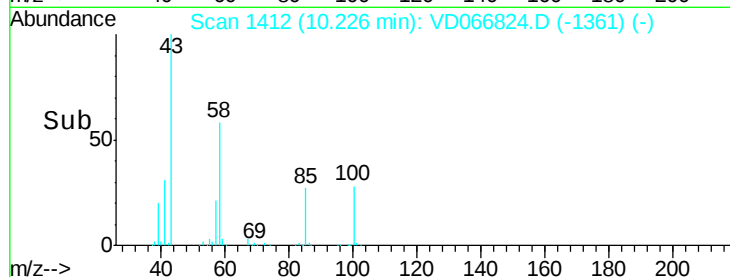
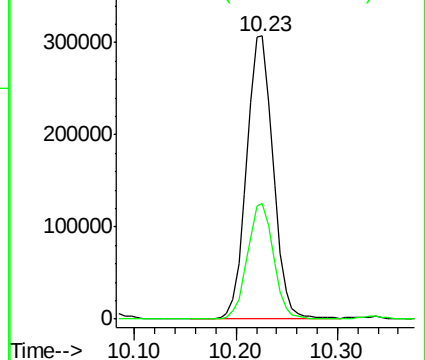
43 100

58 40.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.371 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066824.D

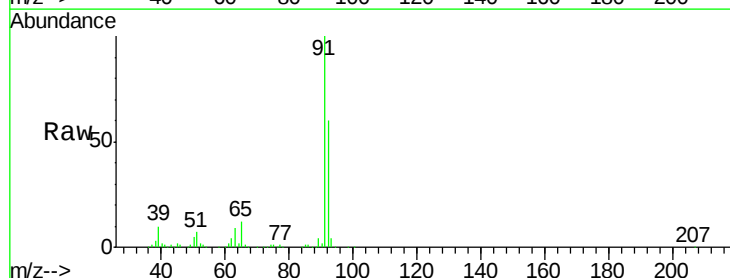
Acq: 23 Sep 2020 10:11

Tgt Ion: 92 Resp: 597761

Ion Ratio Lower Upper

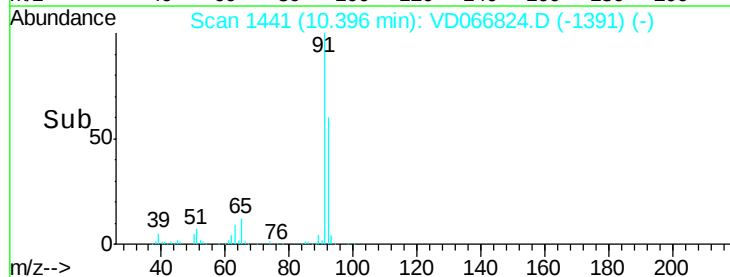
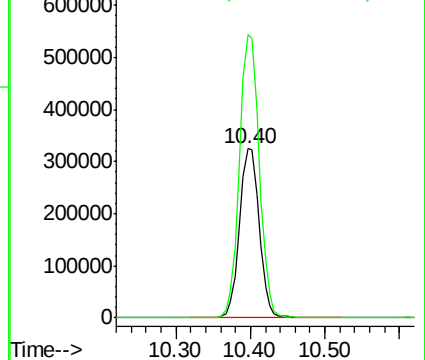
92 100

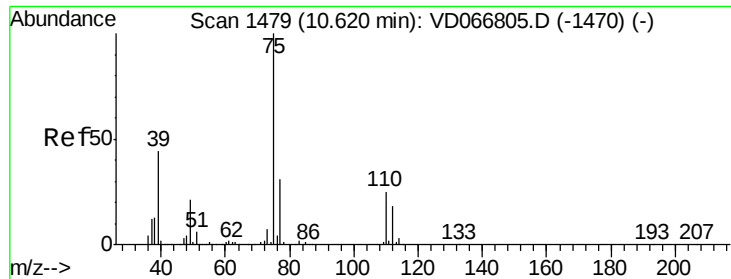
91 168.2 134.6 202.0



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: 49.022 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

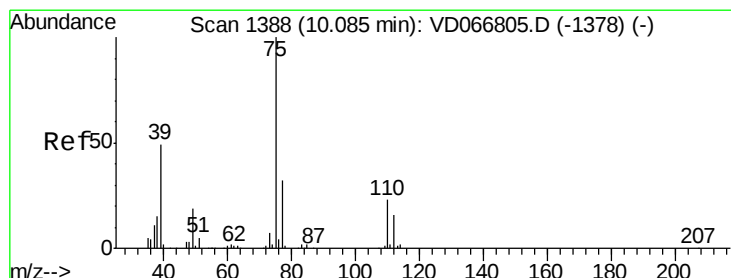
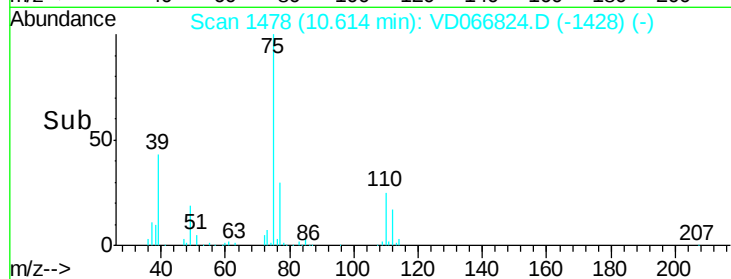
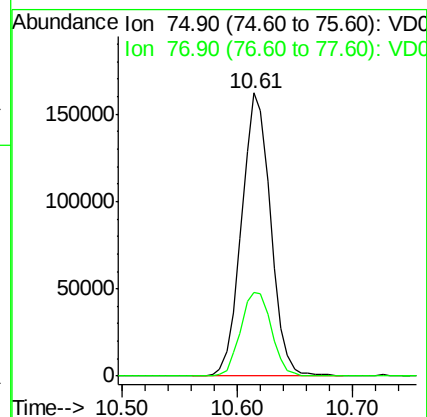
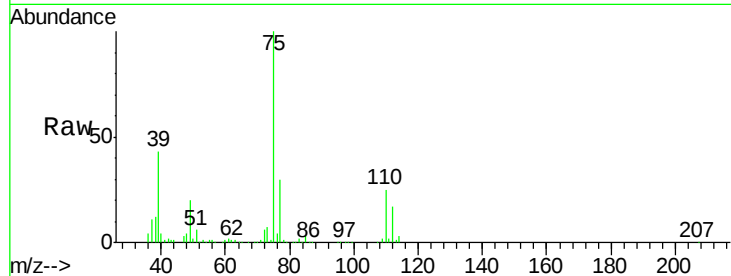
VSTDCCC050

Tgt Ion: 75 Resp: 282290

Ion Ratio Lower Upper

75 100

77 29.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 47.670 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

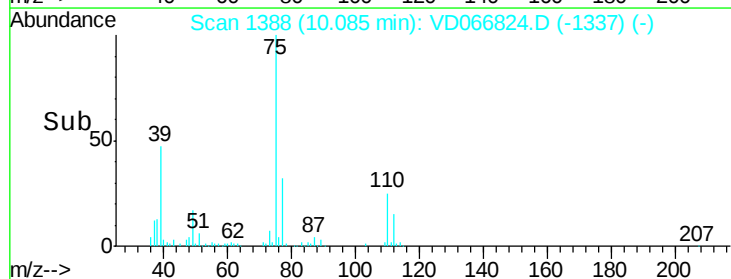
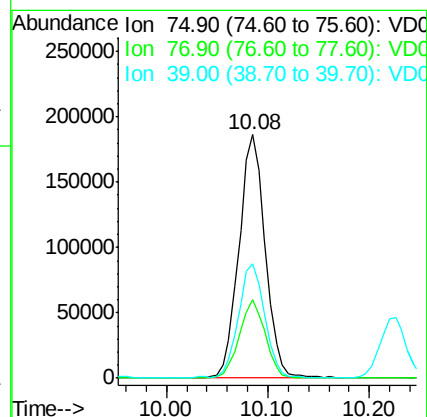
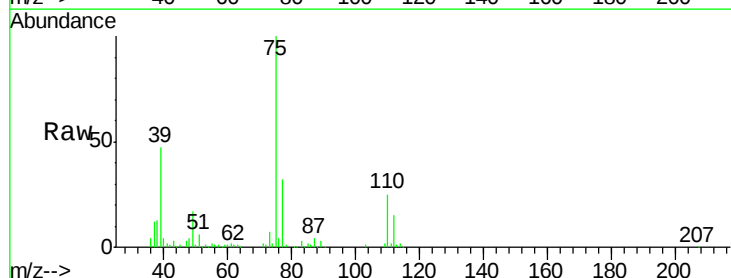
Tgt Ion: 75 Resp: 334713

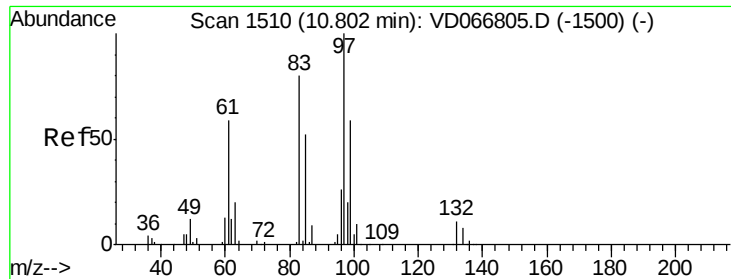
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 46.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 47.159 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 163276

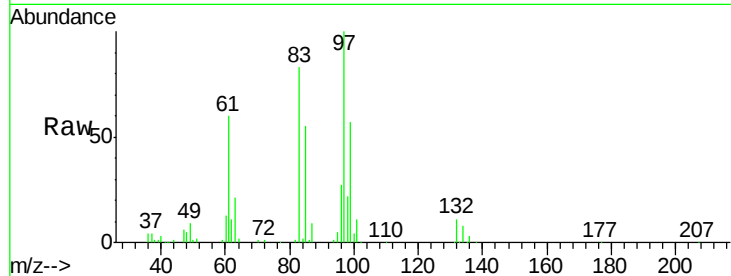
Ion Ratio Lower Upper

97 100

83 82.9 64.2 96.2

85 54.6 41.9 62.9

99 57.0 47.5 71.3

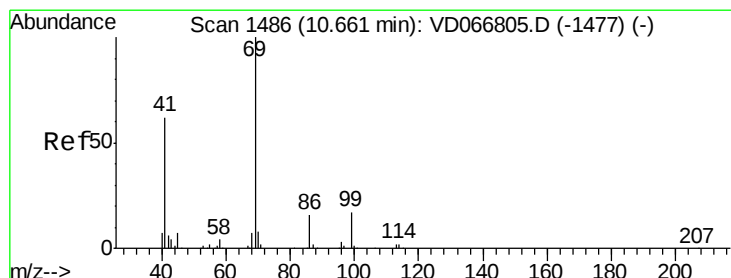
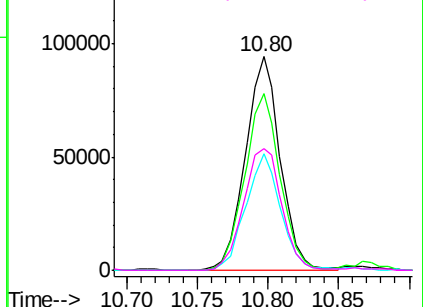
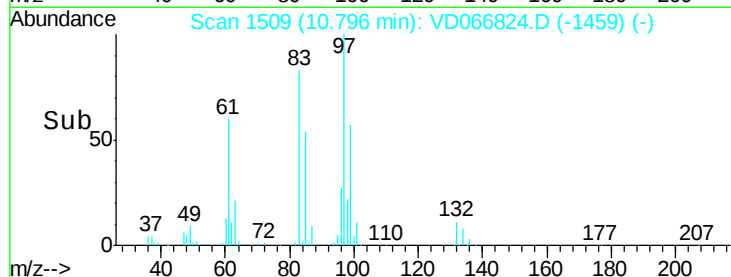


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 50.818 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

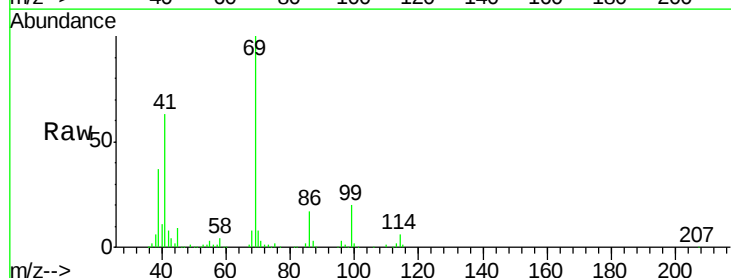
Tgt Ion: 69 Resp: 188485

Ion Ratio Lower Upper

69 100

41 63.7 52.2 78.2

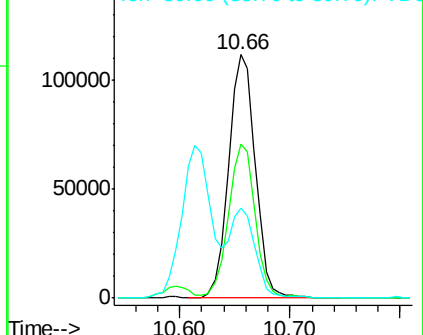
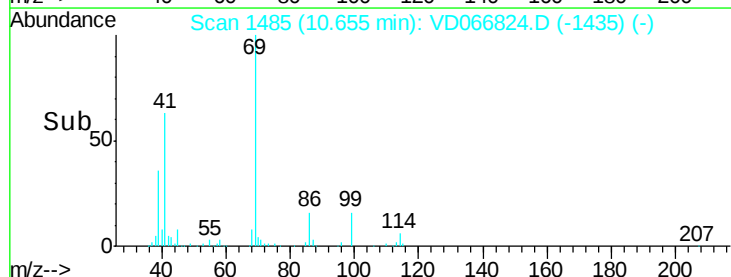
39 36.5 26.6 40.0

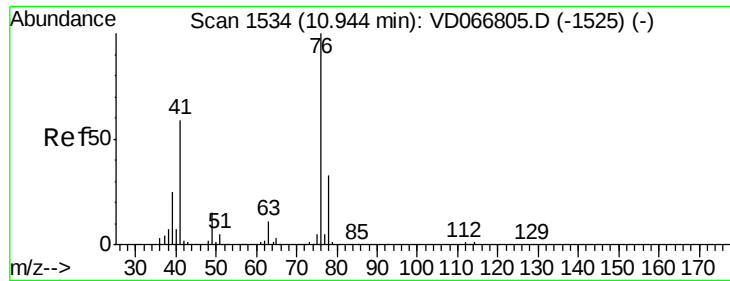


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.230 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

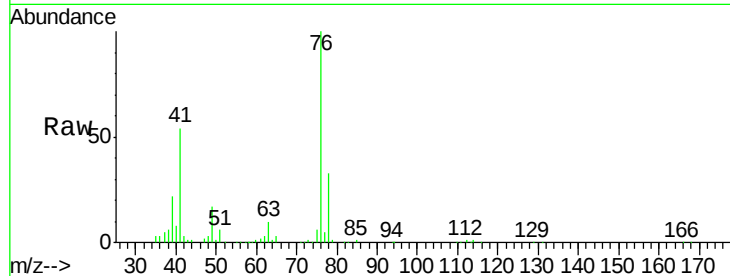
VSTDCCC050

Tgt Ion: 76 Resp: 275734

Ion Ratio Lower Upper

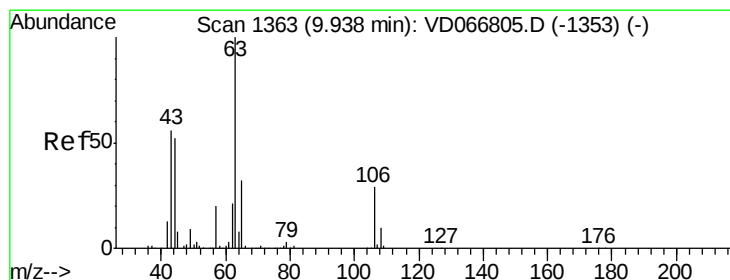
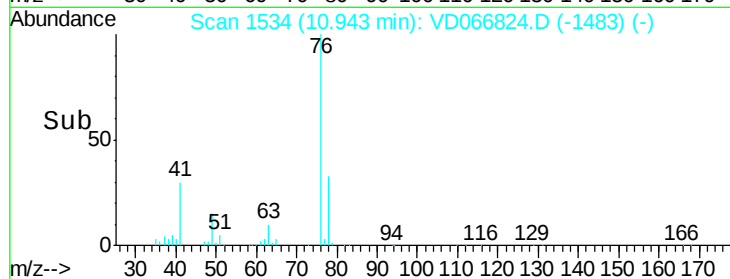
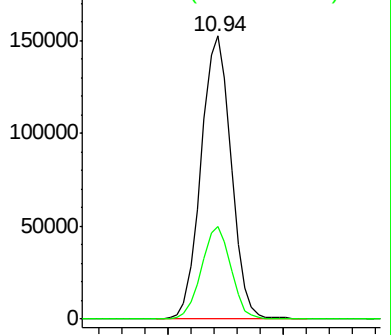
76 100

78 32.1 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 229.379 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066824.D

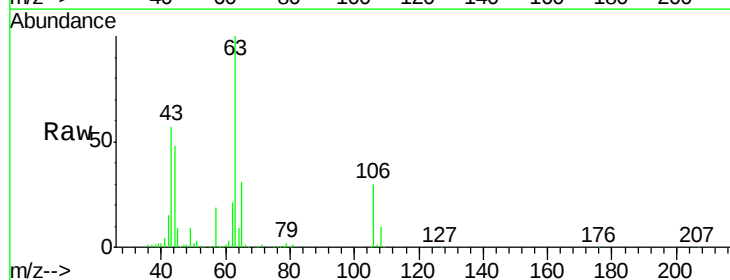
Acq: 23 Sep 2020 10:11

Tgt Ion: 63 Resp: 402837

Ion Ratio Lower Upper

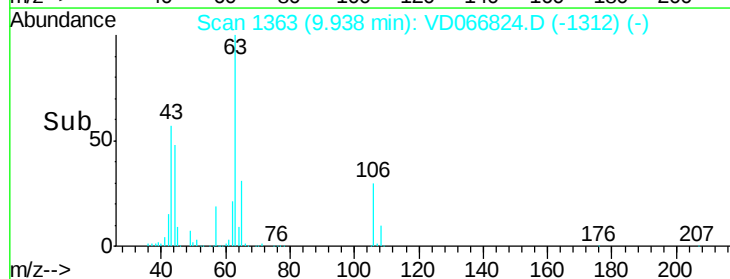
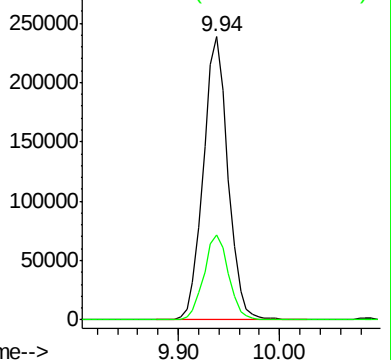
63 100

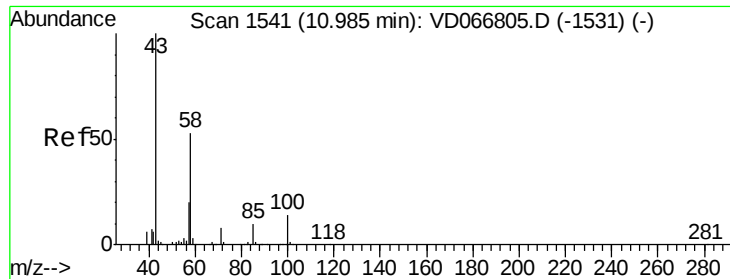
106 30.3 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

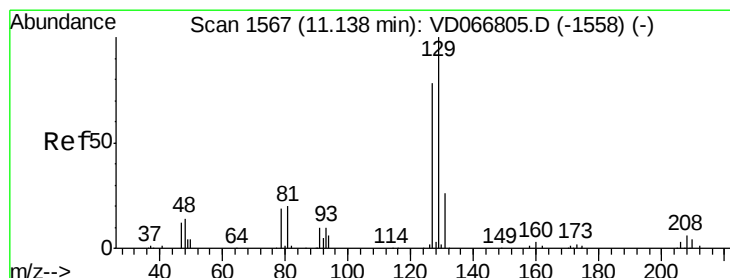
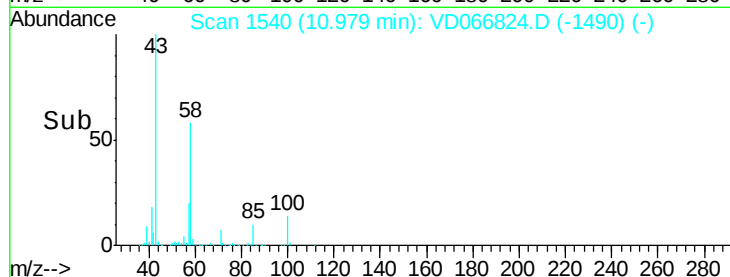
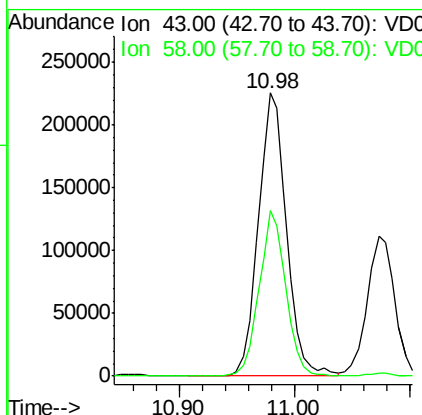
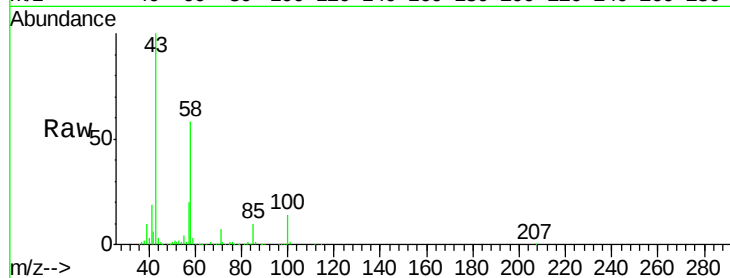




#59
2-Hexanone
Concen: 243.285 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

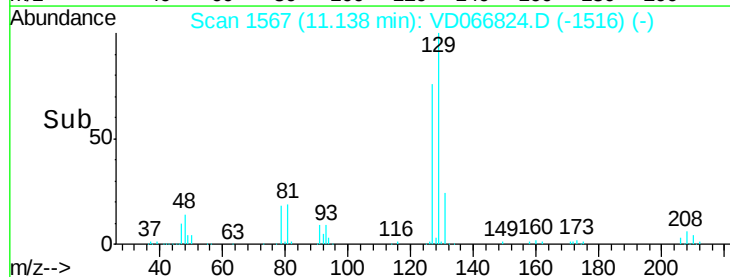
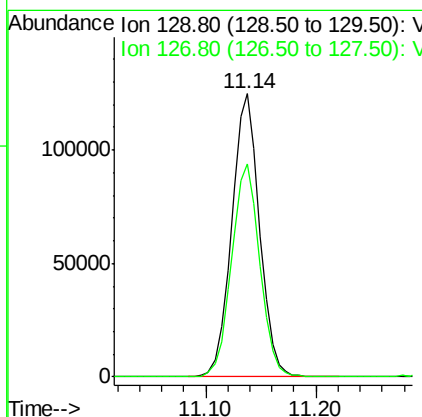
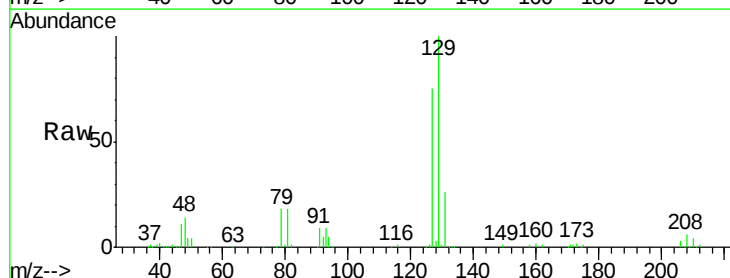
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

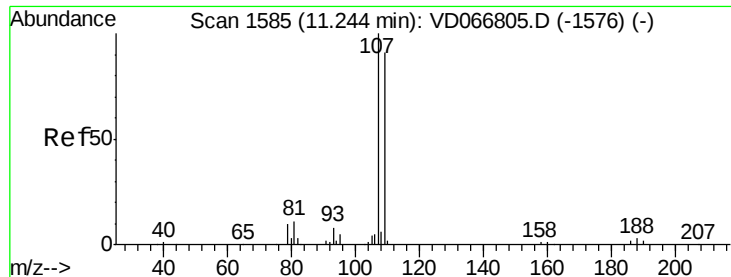
Tgt Ion: 43 Resp: 383024
Ion Ratio Lower Upper
43 100
58 55.4 27.0 80.8



#60
Dibromochloromethane
Concen: 48.788 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 129 Resp: 220457
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

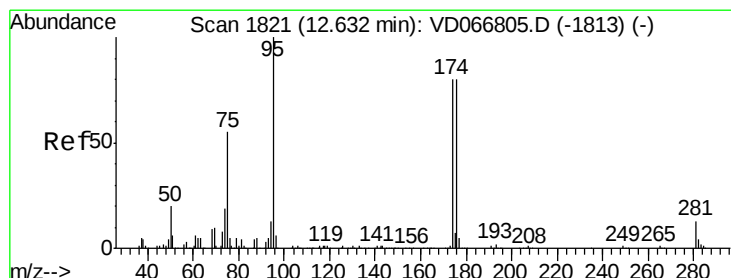
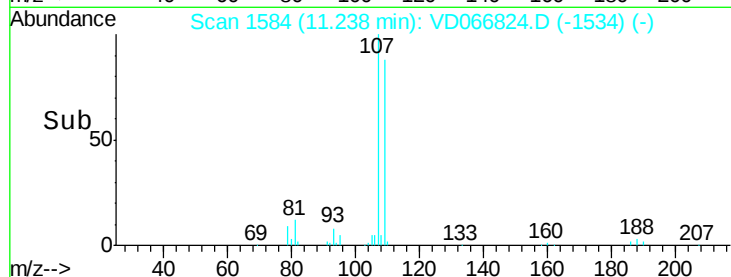
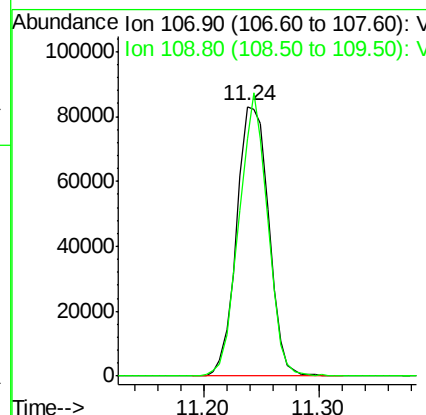
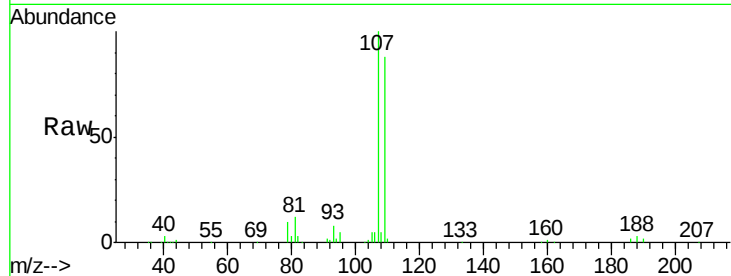




#61
 1,2-Dibromoethane
 Concen: 49.605 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

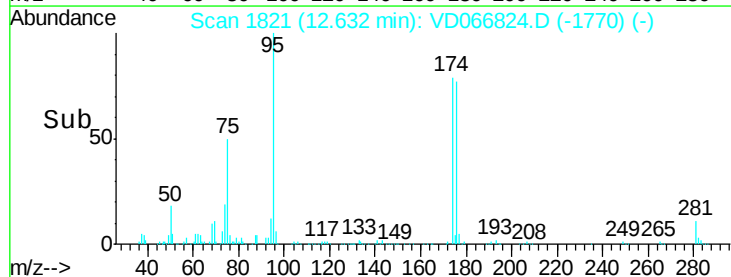
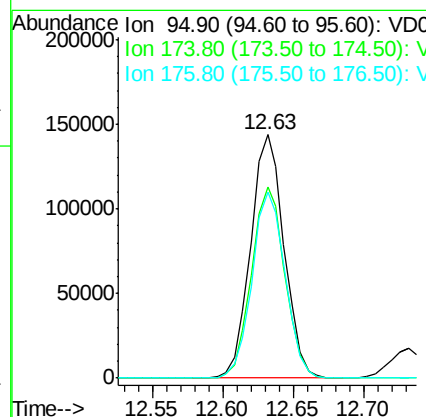
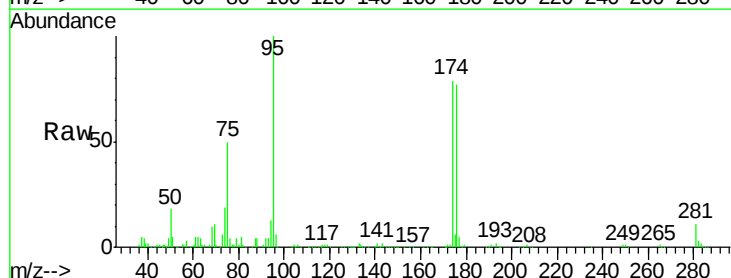
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

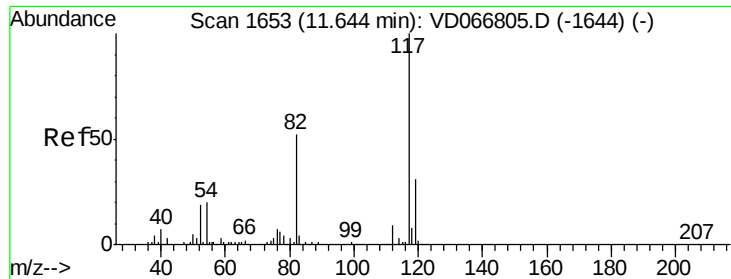
Tgt Ion: 107 Resp: 159746
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.355 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 95 Resp: 239098
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 159.8
 176 75.7 0.0 154.4

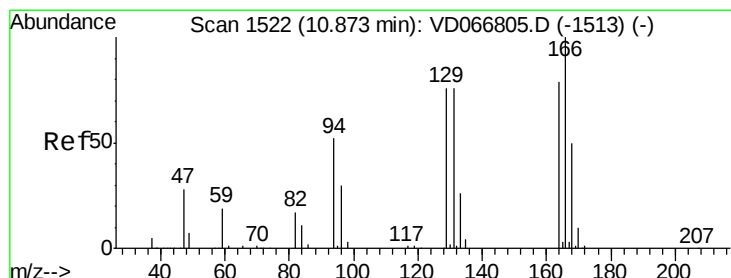
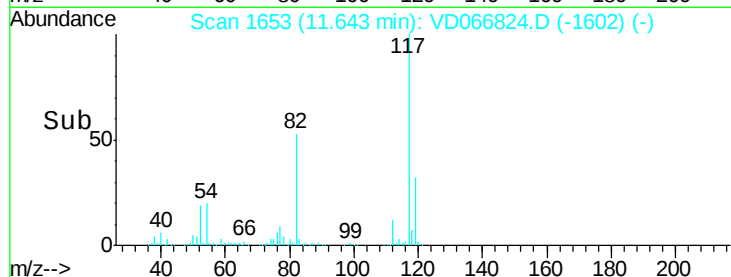
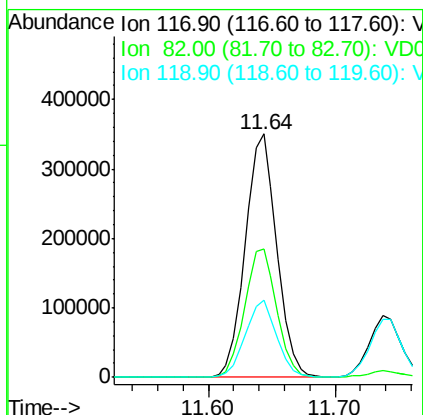
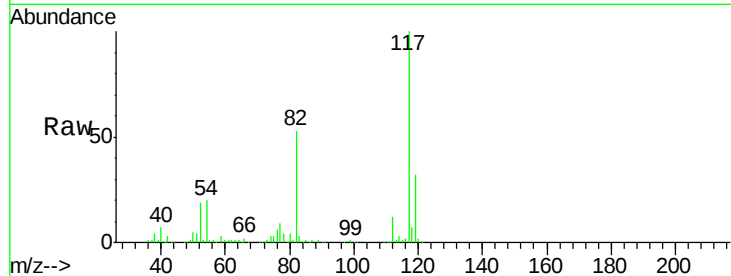




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

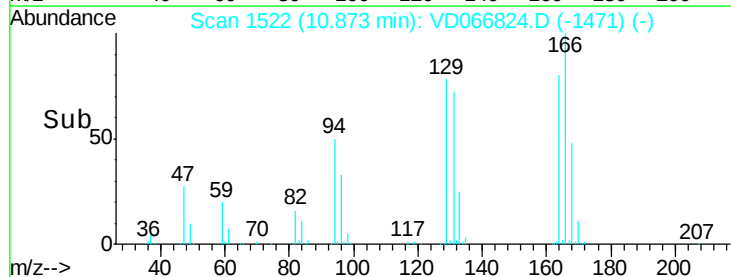
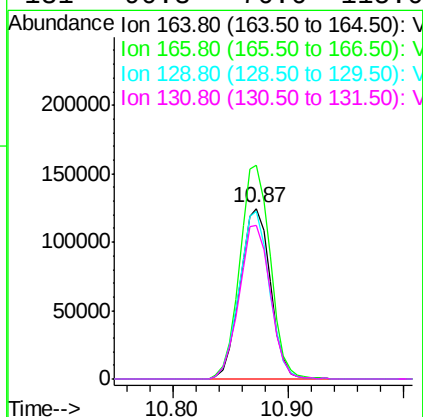
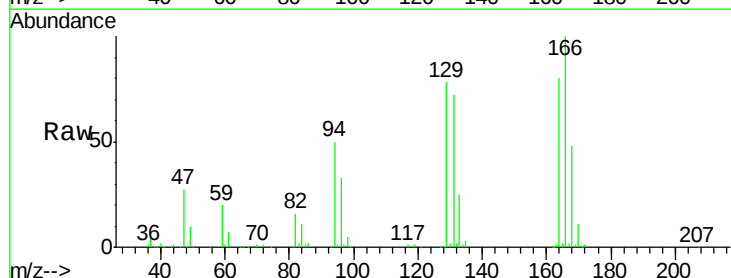
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

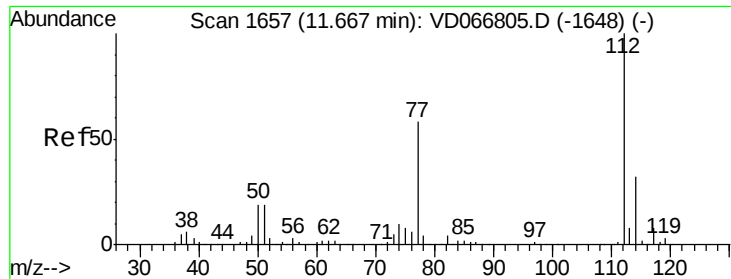
Tgt Ion:117 Resp: 604582
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 52.634 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion:164 Resp: 228899
Ion Ratio Lower Upper
164 100
166 125.4 101.1 151.7
129 98.4 77.0 115.4
131 90.3 76.6 115.0

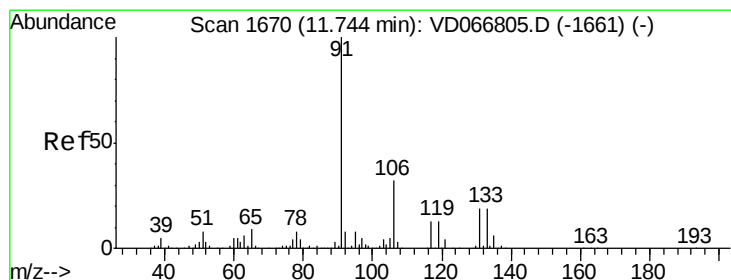
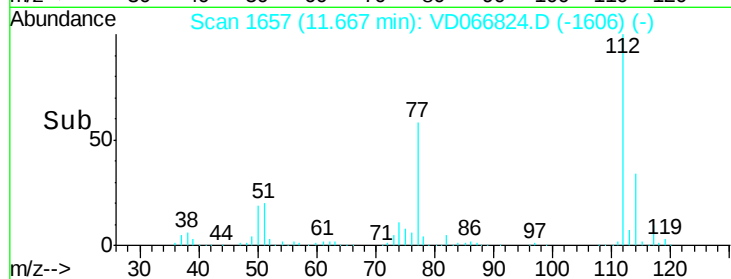
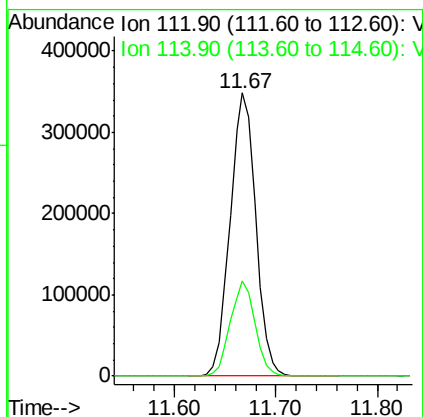
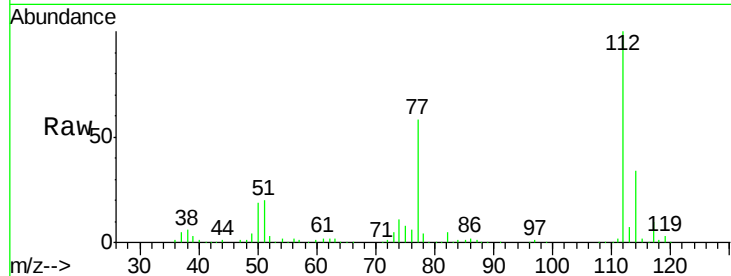




#65
Chlorobenzene
Concen: 48.587 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

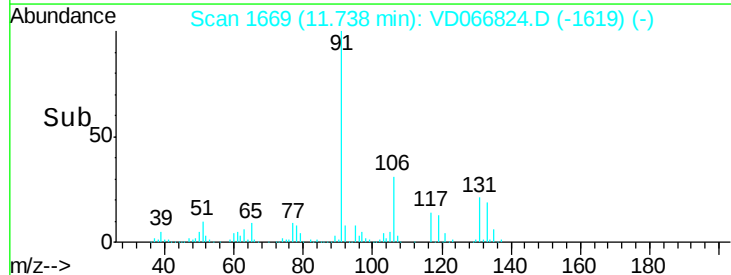
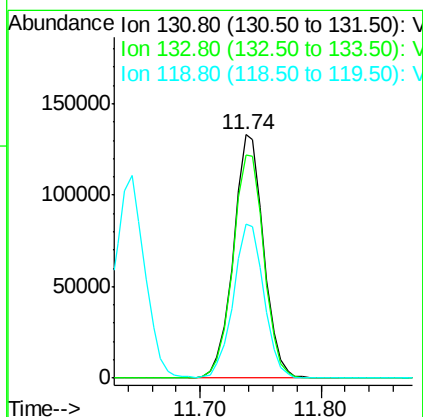
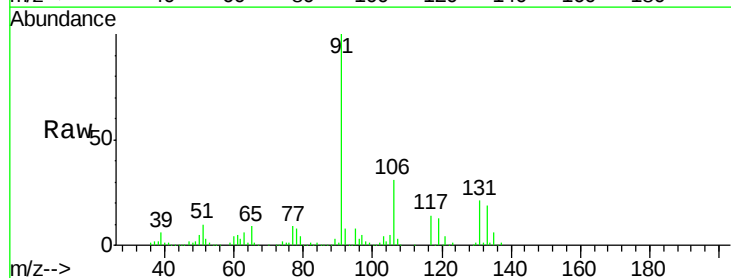
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

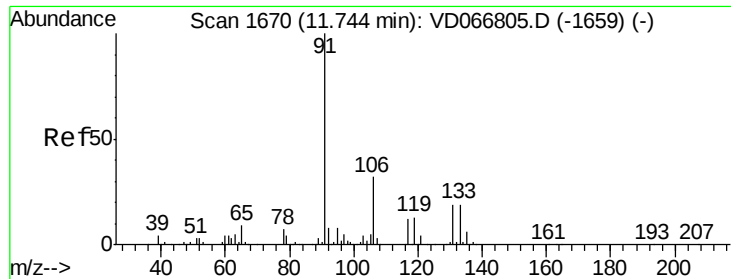
Tgt Ion:112 Resp: 611460
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.727 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion:131 Resp: 232091
Ion Ratio Lower Upper
131 100
133 94.1 46.7 140.1
119 64.1 32.3 96.9

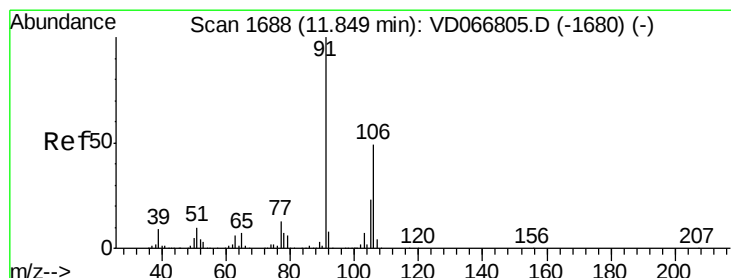
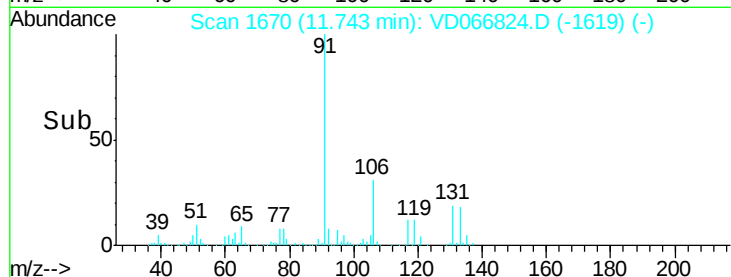
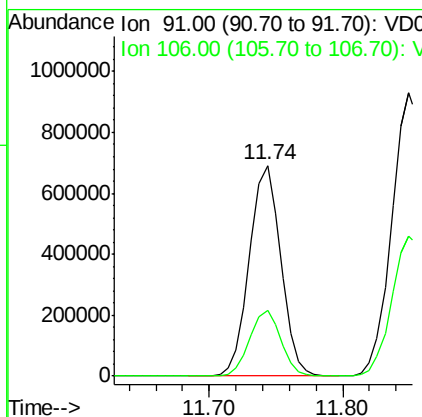
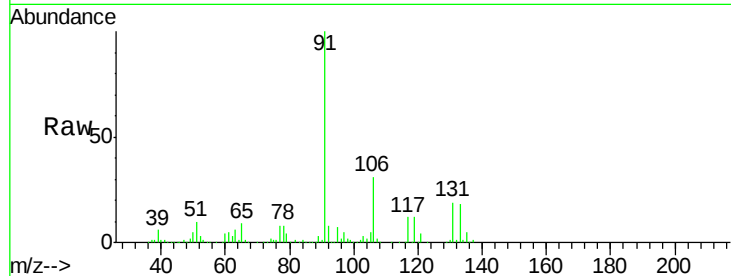




#67
Ethyl Benzene
Concen: 50.834 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

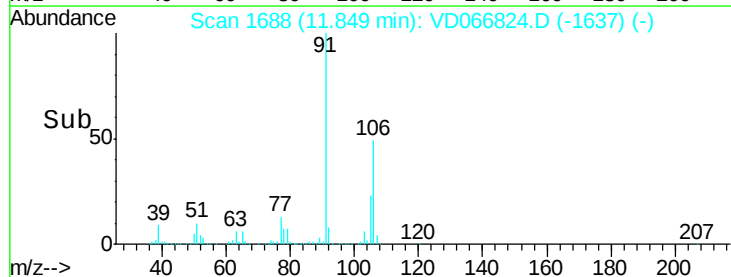
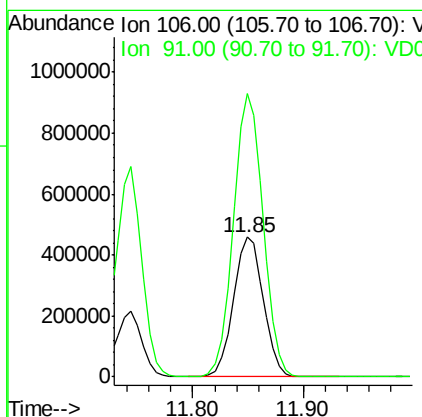
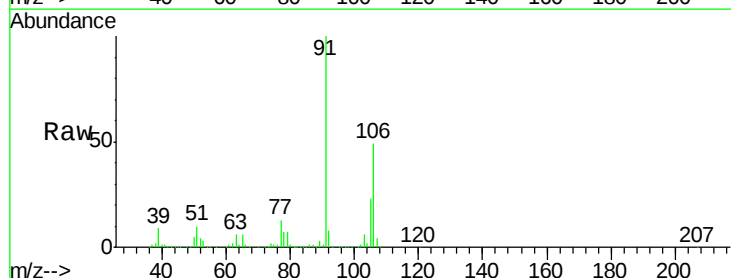
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

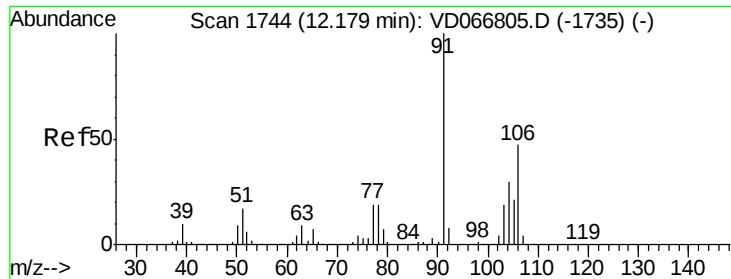
Tgt Ion: 91 Resp: 1123578
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 104.083 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 106 Resp: 871011
Ion Ratio Lower Upper
106 100
91 200.7 160.7 241.1

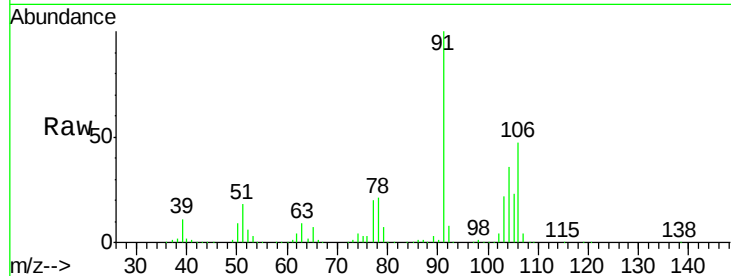




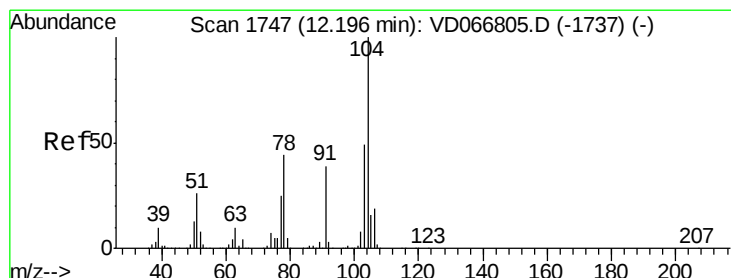
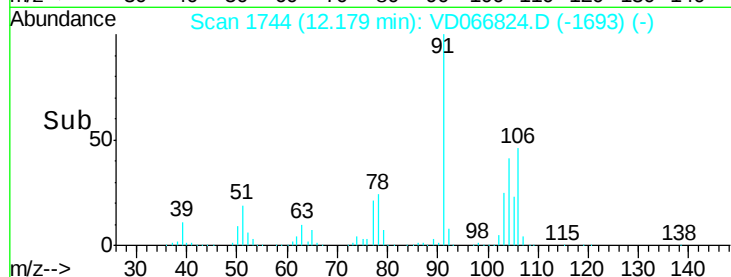
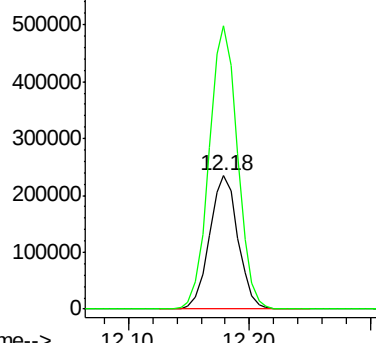
#69
o-Xylene
Concen: 51.002 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 385932
Ion Ratio Lower Upper
106 100
91 212.1 106.3 318.8

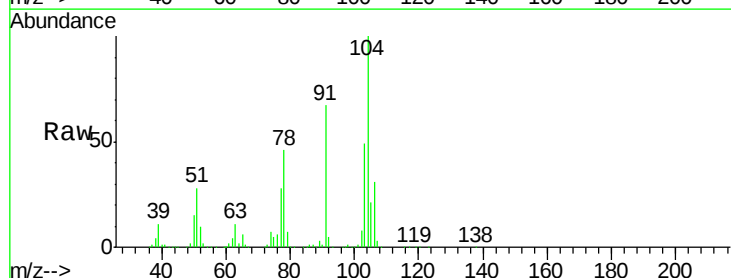


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

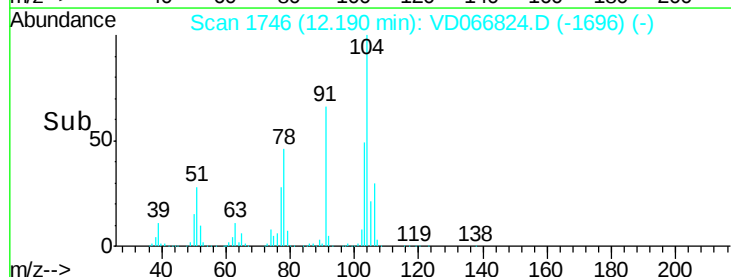
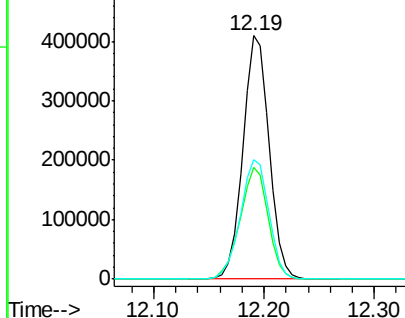


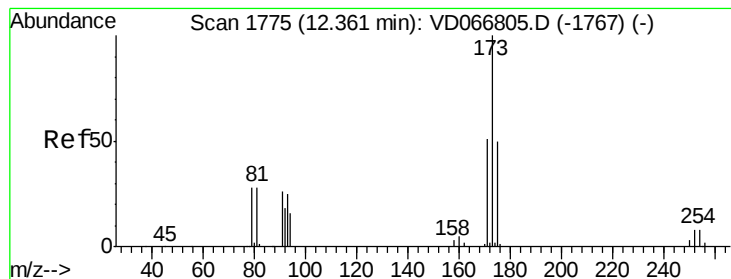
#70
Styrene
Concen: 52.056 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion:104 Resp: 684068
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 53.3 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.900 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

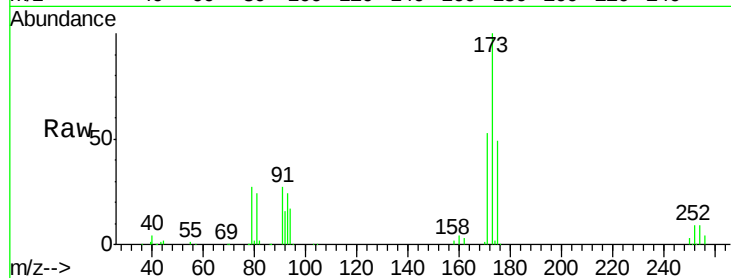
Tgt Ion:173 Resp: 117928

Ion Ratio Lower Upper

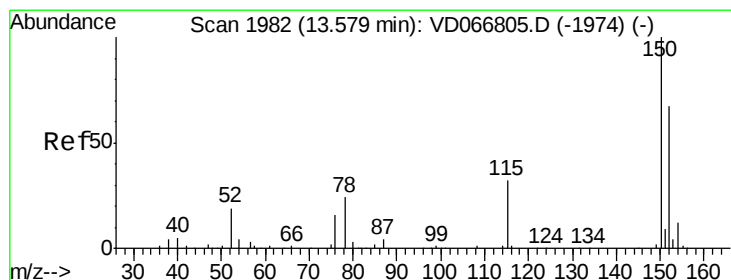
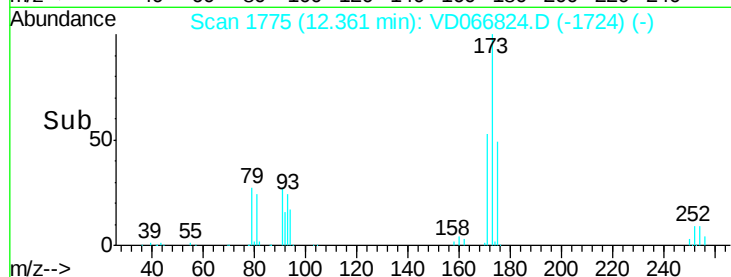
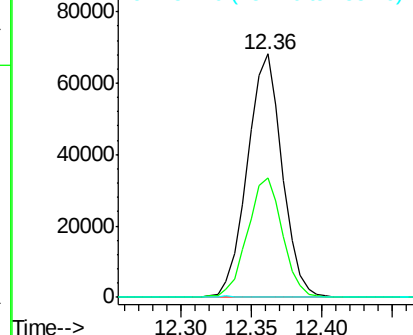
173 100

175 49.0 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

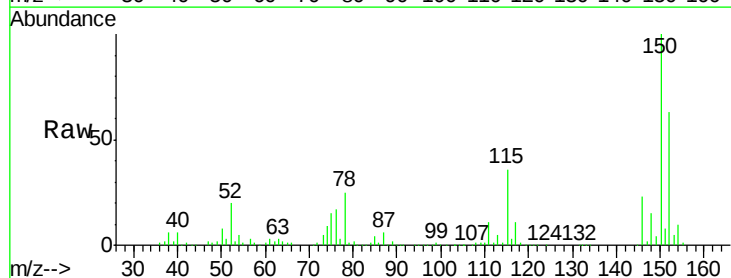
Tgt Ion:152 Resp: 290701

Ion Ratio Lower Upper

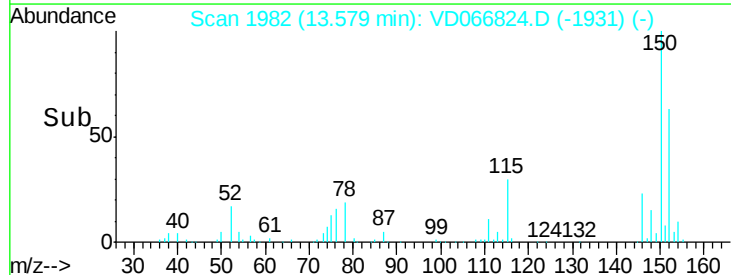
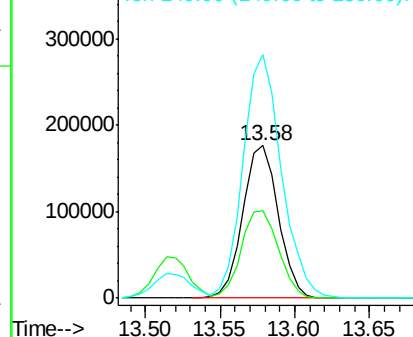
152 100

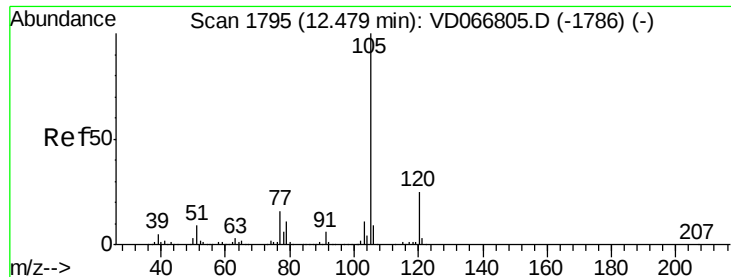
115 60.1 30.3 91.0

150 172.6 0.0 346.2



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





#73

Isopropylbenzene

Concen: 51.390 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

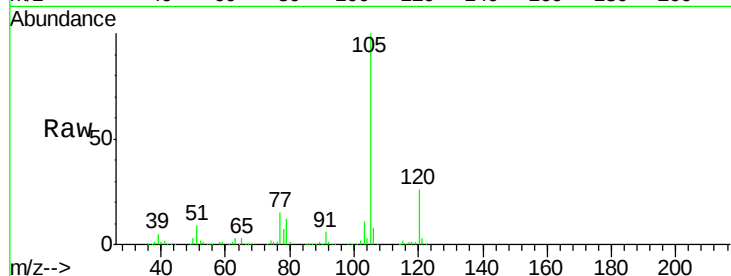
VSTDCCC050

Tgt Ion:105 Resp: 1079203

Ion Ratio Lower Upper

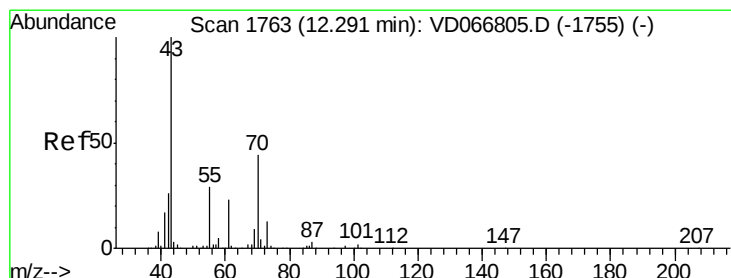
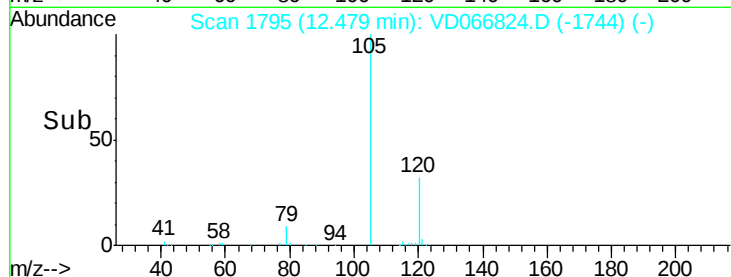
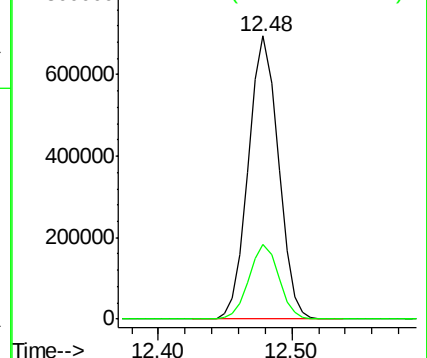
105 100

120 26.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.744 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Tgt Ion: 43 Resp: 199902

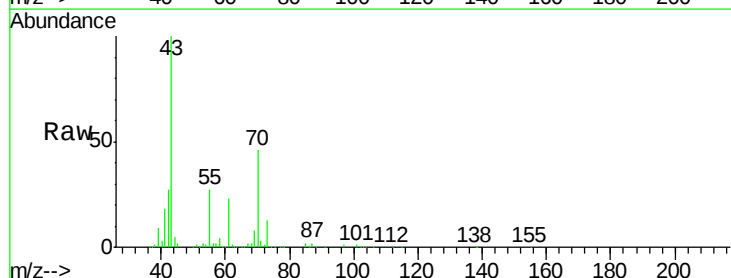
Ion Ratio Lower Upper

43 100

70 44.3 36.1 54.1

55 26.8 21.8 32.8

61 23.4 19.0 28.4

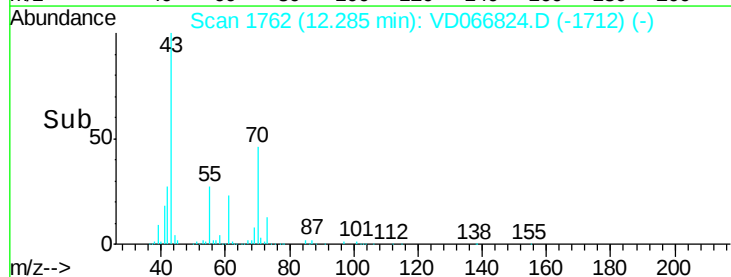
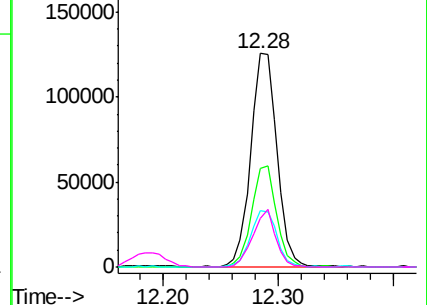


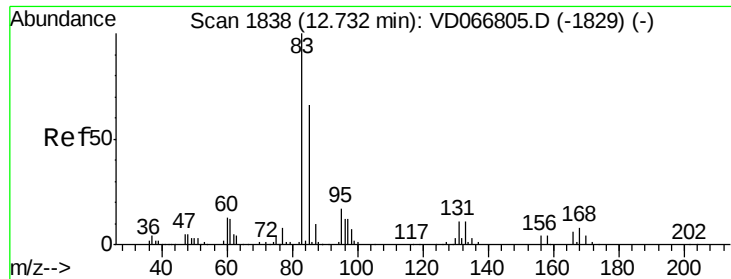
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.390 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

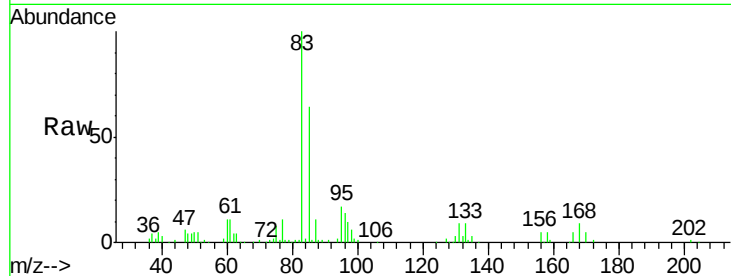
Tgt Ion: 83 Resp: 168104

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

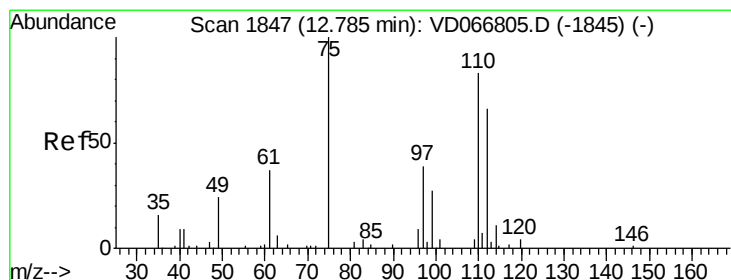
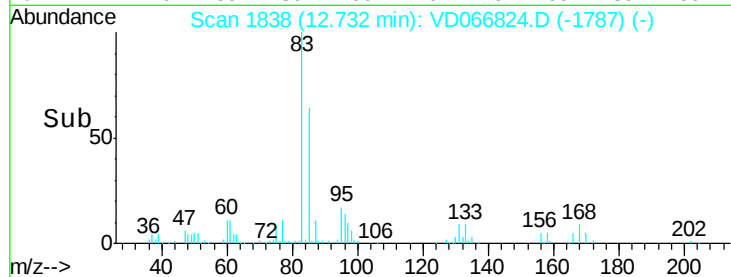
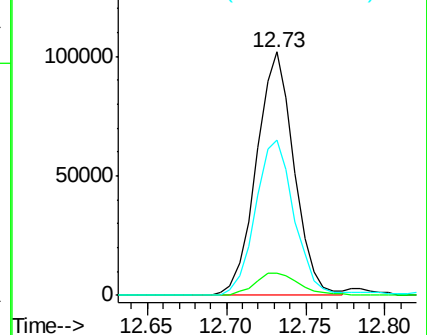
85 65.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 96.098 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066824.D

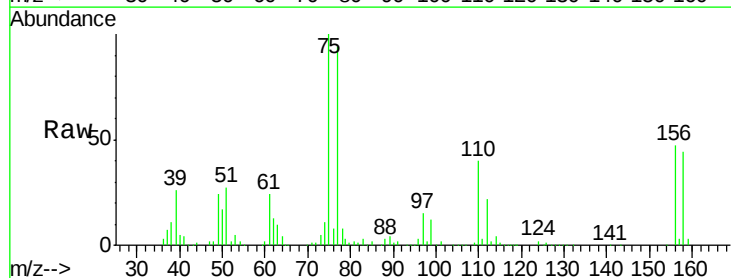
Acq: 23 Sep 2020 10:11

Tgt Ion: 75 Resp: 231509

Ion Ratio Lower Upper

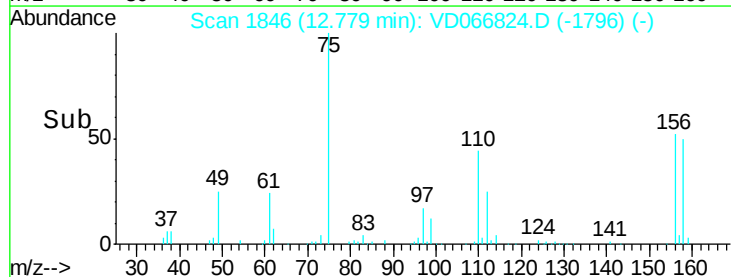
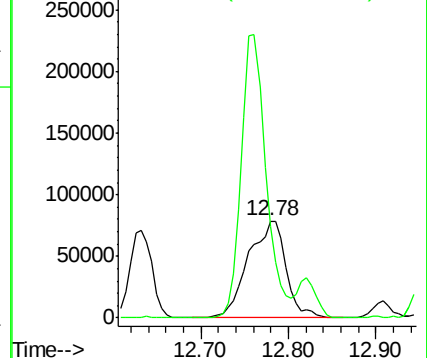
75 100

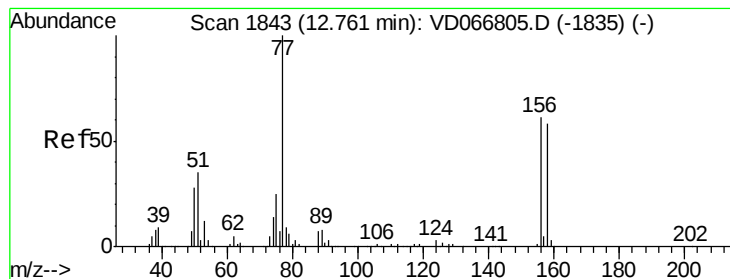
77 190.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.093 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

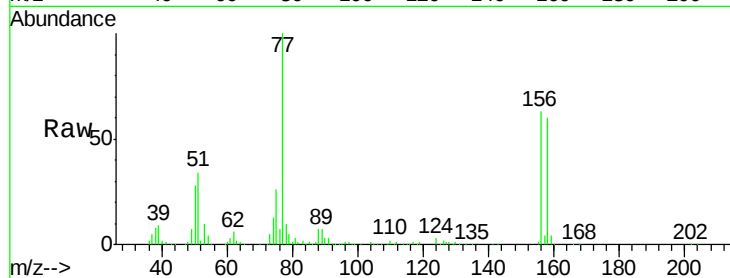
Tgt Ion:156 Resp: 241118

Ion Ratio Lower Upper

156 100

77 182.8 92.3 276.9

158 96.7 47.6 142.9



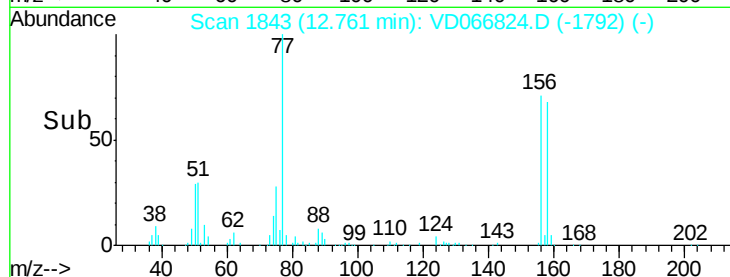
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

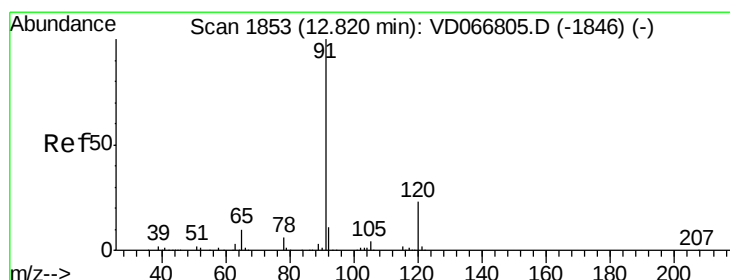
12.76

Time-->



12.76

Time-->



#78

n-propylbenzene

Concen: 51.363 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066824.D

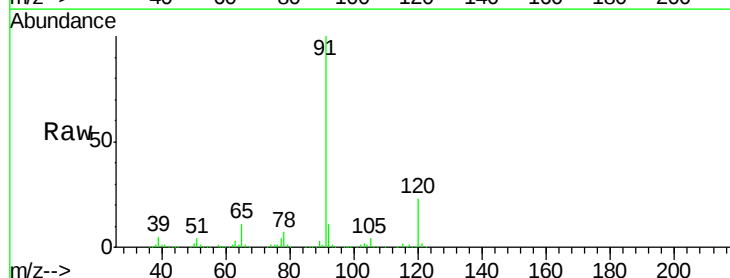
Acq: 23 Sep 2020 10:11

Tgt Ion: 91 Resp: 1297647

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.2

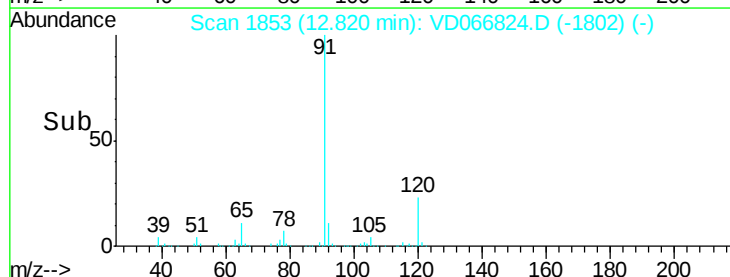


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

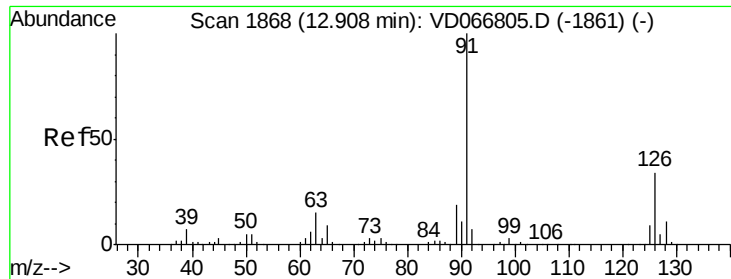
12.82

Time-->



12.82

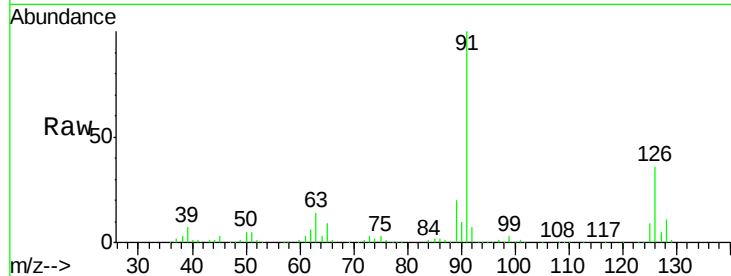
Time-->



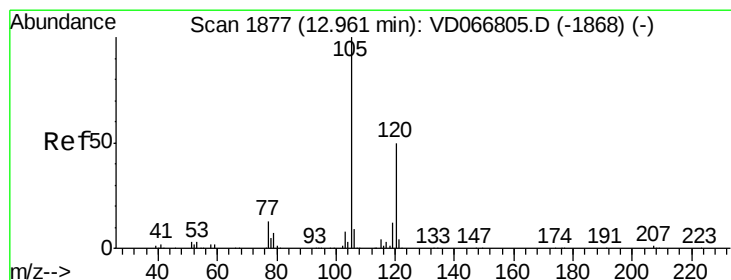
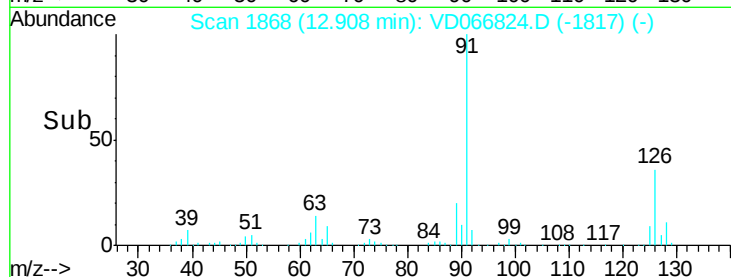
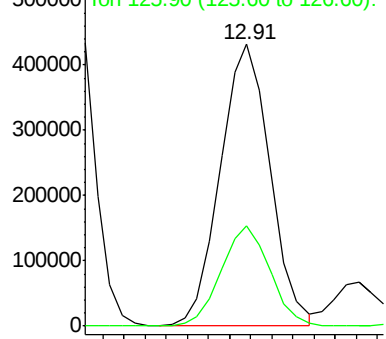
#79
 2-Chlorotoluene
 Concen: 49.010 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 705588
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.0 51.0

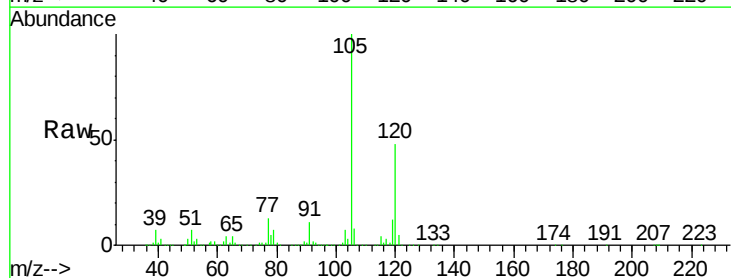


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

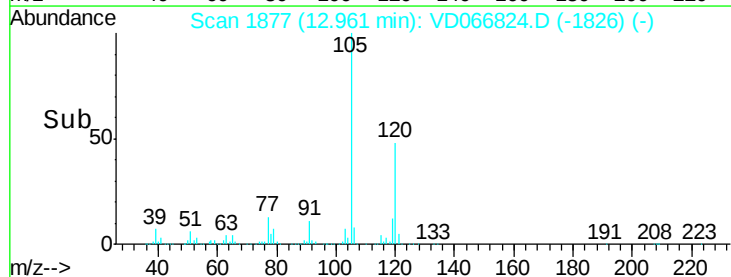
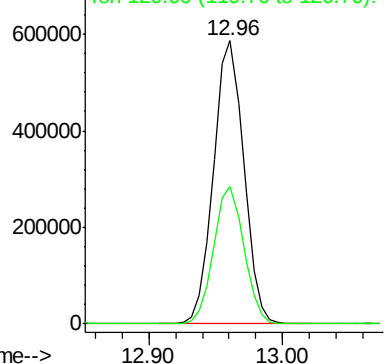


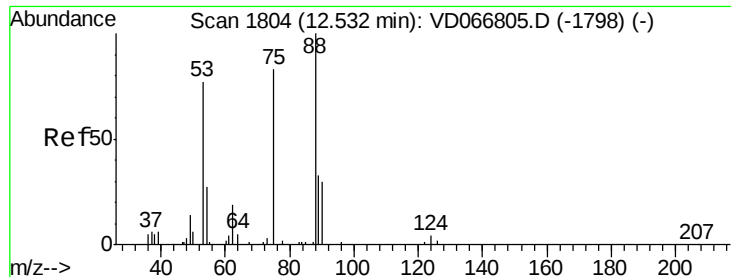
#80
 1,3,5-Trimethylbenzene
 Concen: 51.382 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 105 Resp: 915569
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 42.361 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

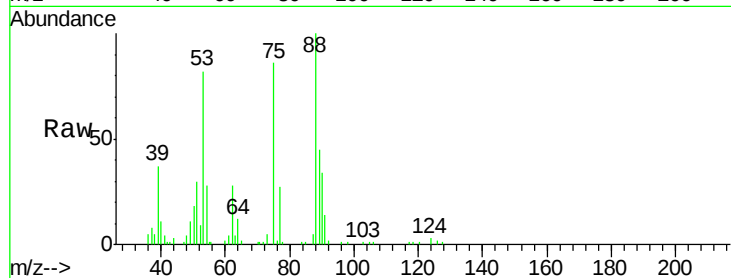
Tgt Ion: 75 Resp: 40790

Ion Ratio Lower Upper

75 100

53 95.3 78.5 117.7

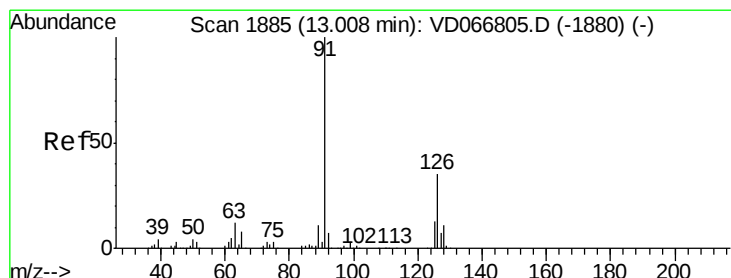
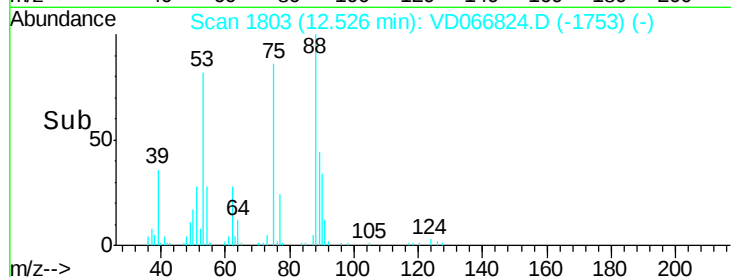
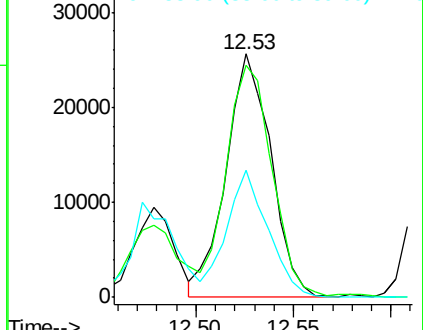
89 48.2 38.1 57.1



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: 50.654 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066824.D

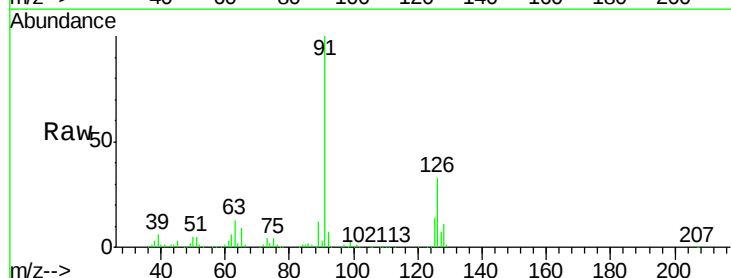
Acq: 23 Sep 2020 10:11

Tgt Ion: 91 Resp: 768745

Ion Ratio Lower Upper

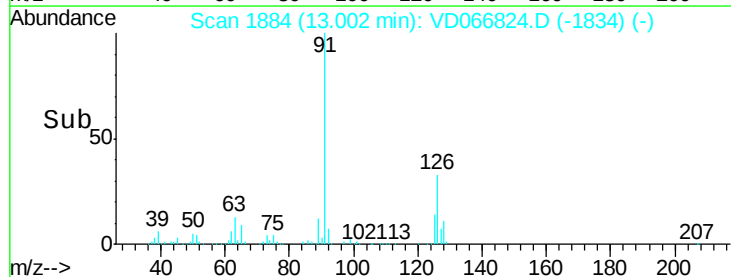
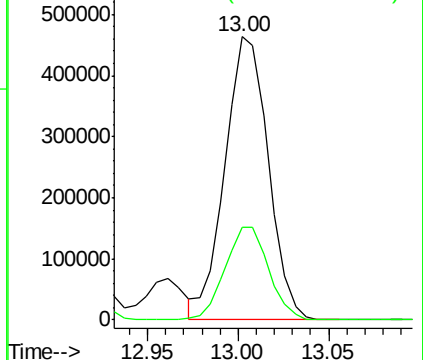
91 100

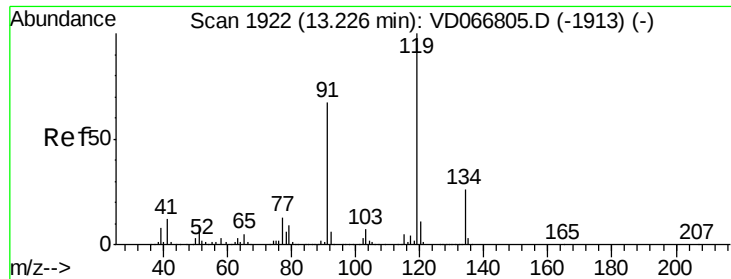
126 33.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

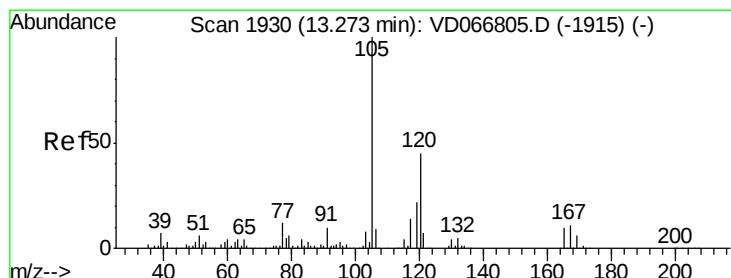
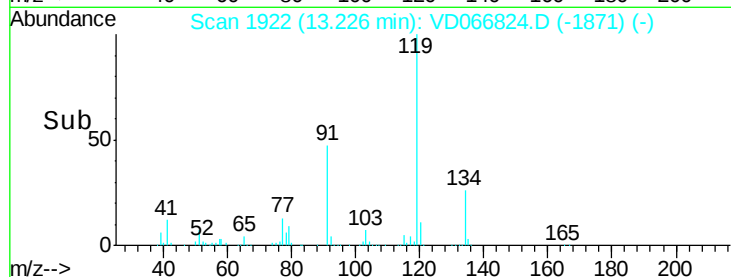
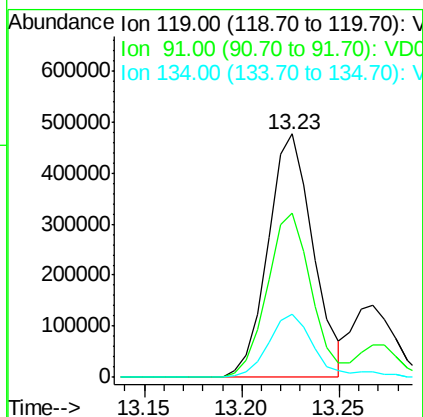
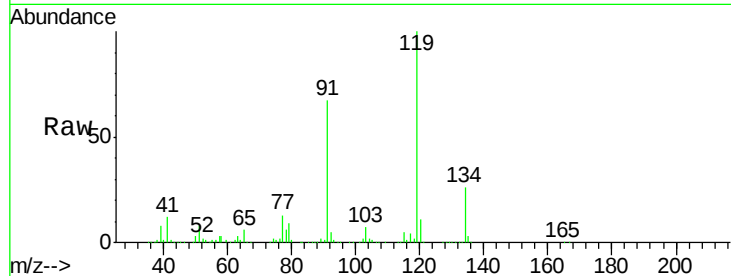




#83
tert-Butylbenzene
Concen: 52.057 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

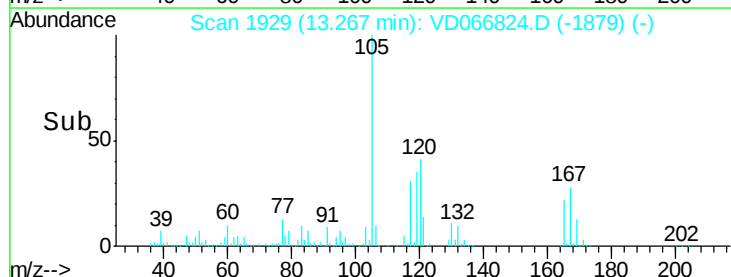
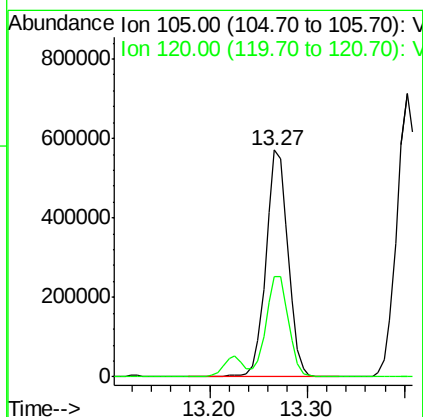
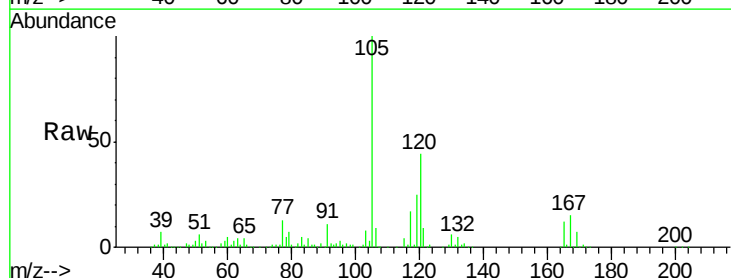
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

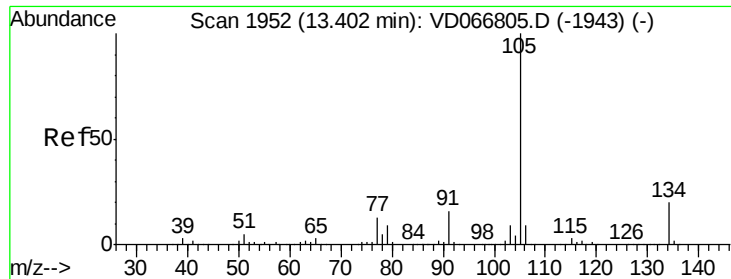
Tgt Ion:119 Resp: 762229
Ion Ratio Lower Upper
119 100
91 65.6 33.6 100.8
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.236 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion:105 Resp: 905320
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9

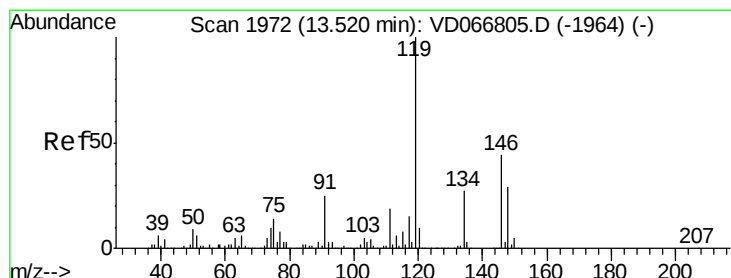
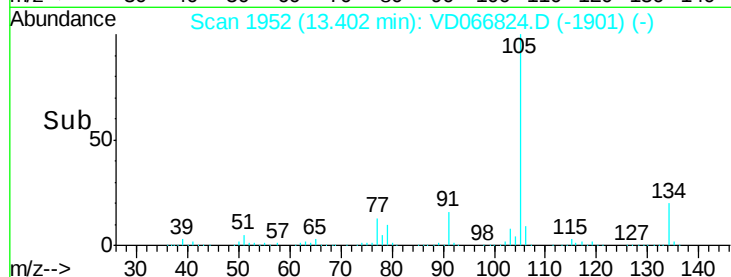
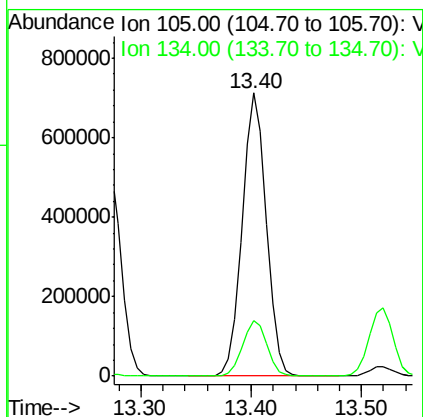
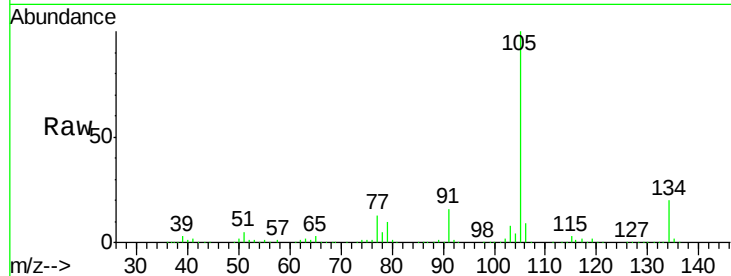




#85
 sec-Butylbenzene
 Concen: 51.902 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

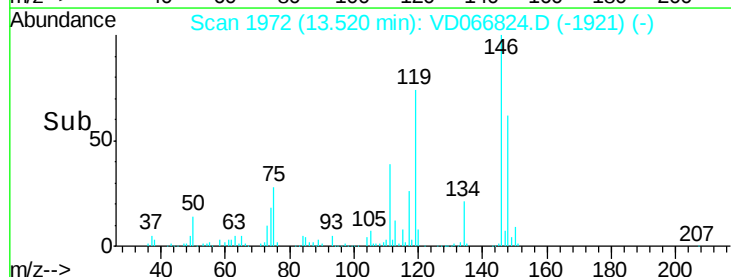
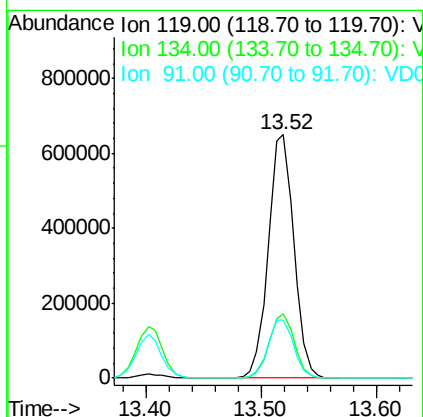
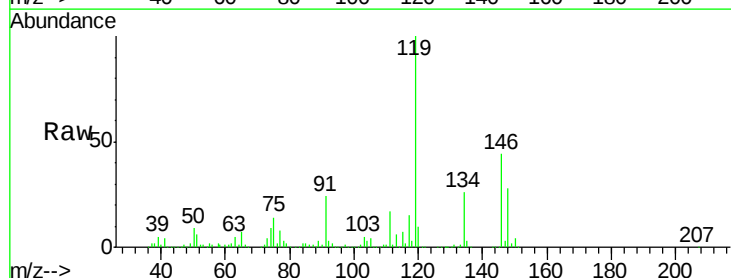
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

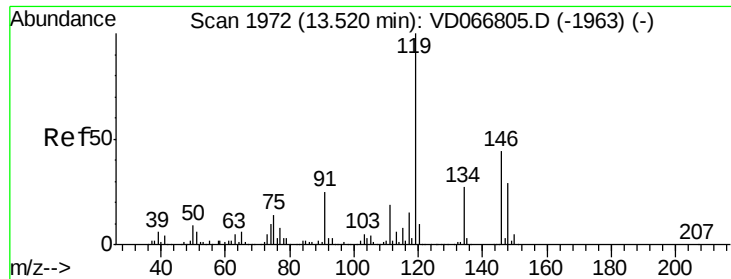
Tgt Ion:105 Resp: 1092819
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.914 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion:119 Resp: 1004279
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.473 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

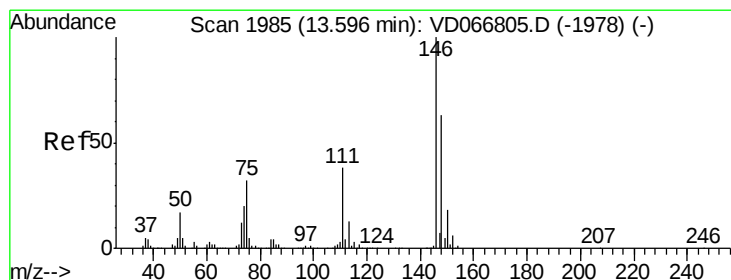
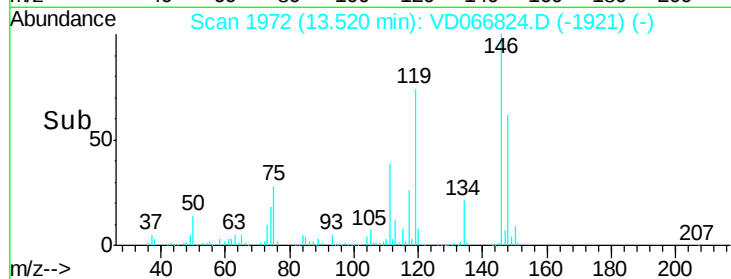
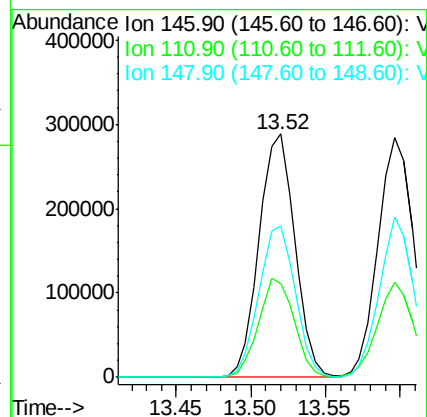
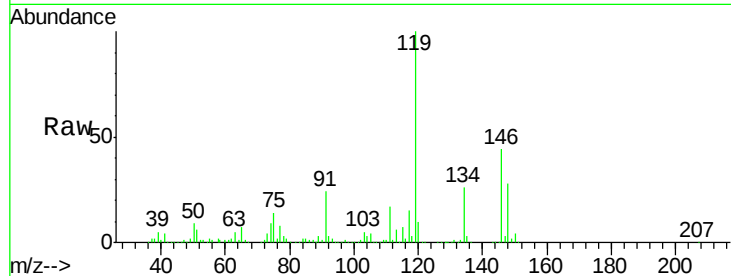
Tgt Ion:146 Resp: 480054

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.624 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066824.D

Acq: 23 Sep 2020 10:11

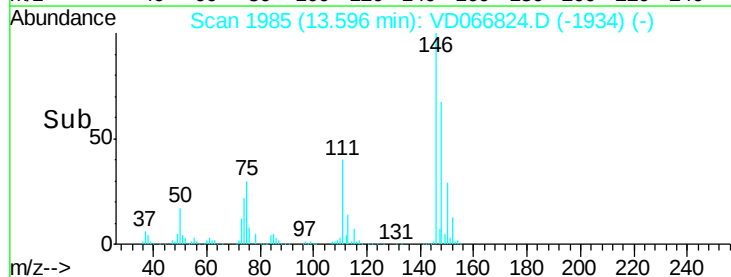
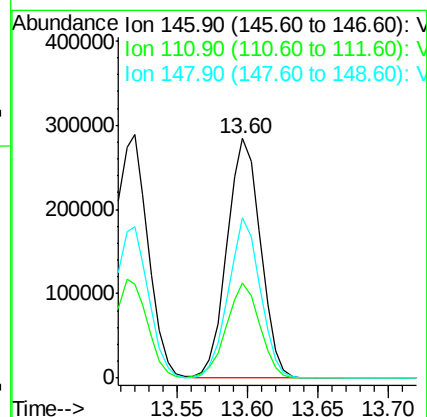
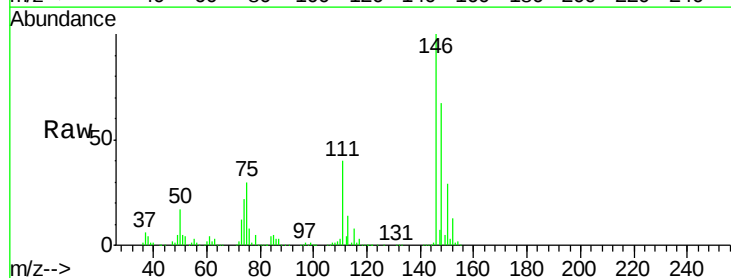
Tgt Ion:146 Resp: 468612

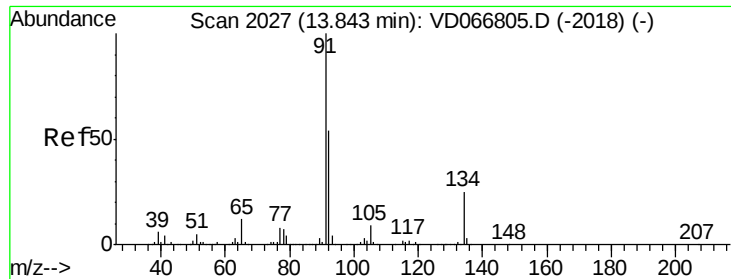
Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 64.0 31.6 94.7

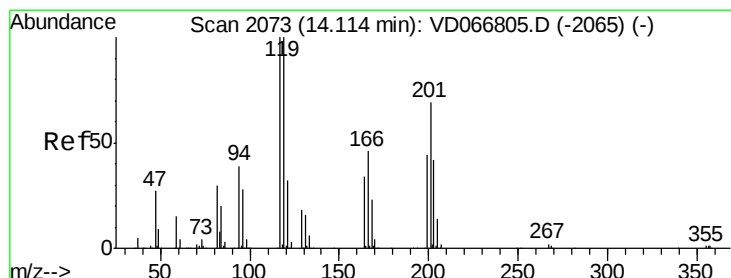
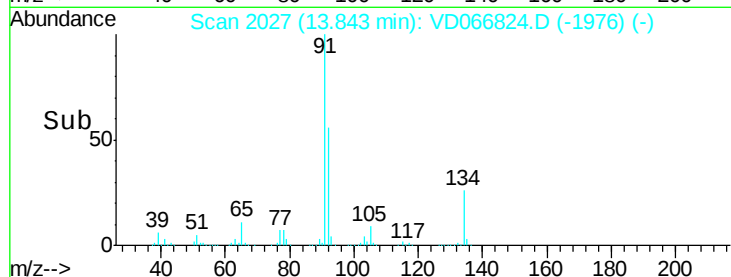
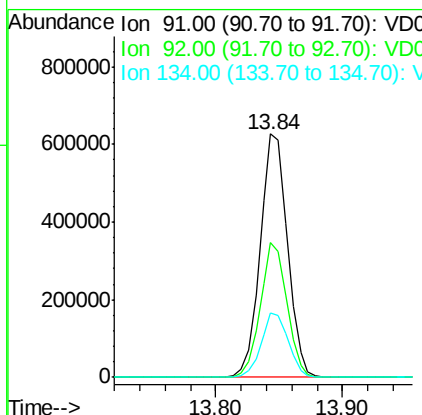
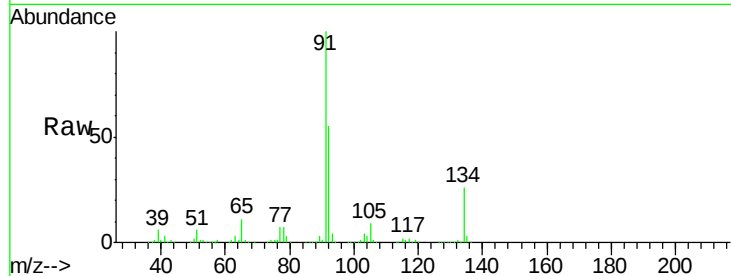




#89
n-Butylbenzene
Concen: 52.207 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

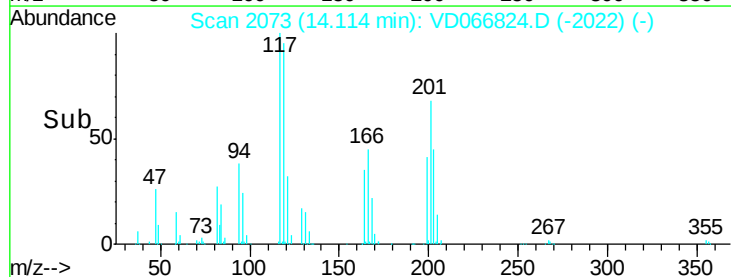
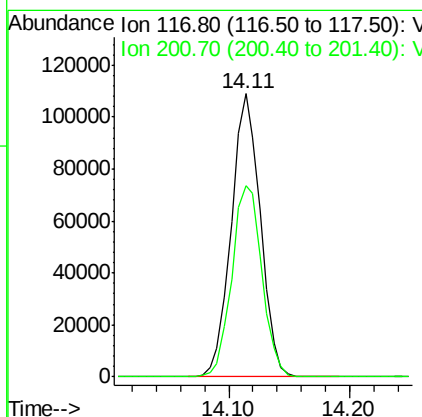
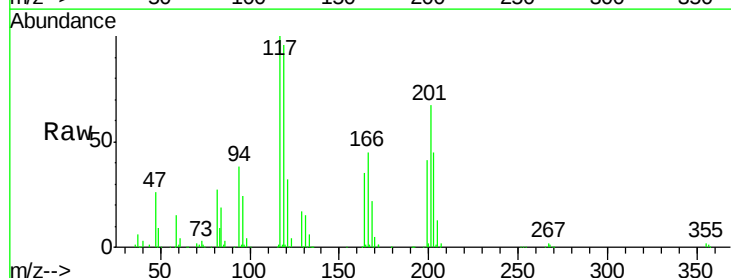
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

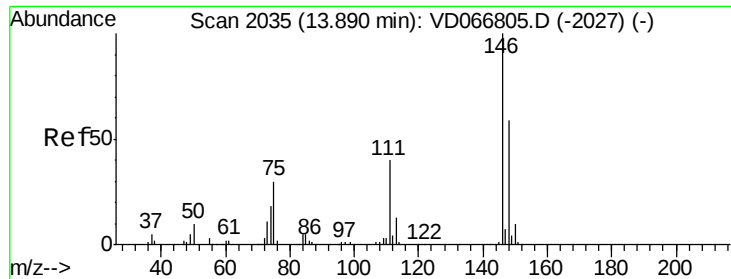
Tgt Ion: 91 Resp: 941803
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 47.365 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion: 117 Resp: 182506
Ion Ratio Lower Upper
117 100
201 69.9 33.7 101.0

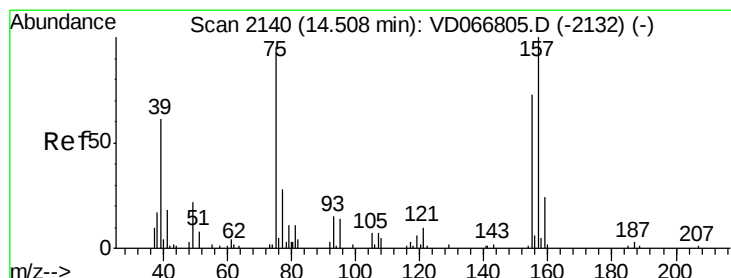
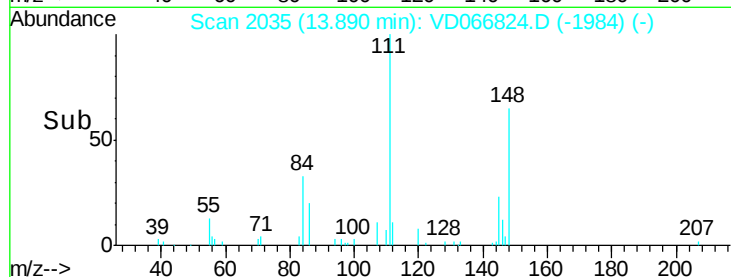
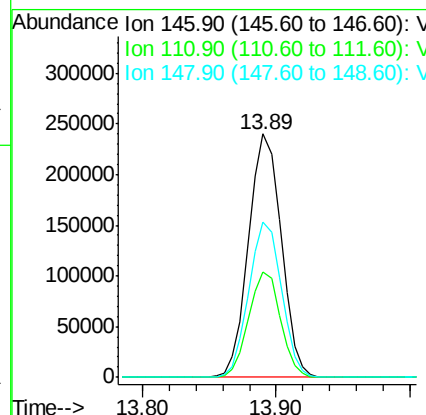
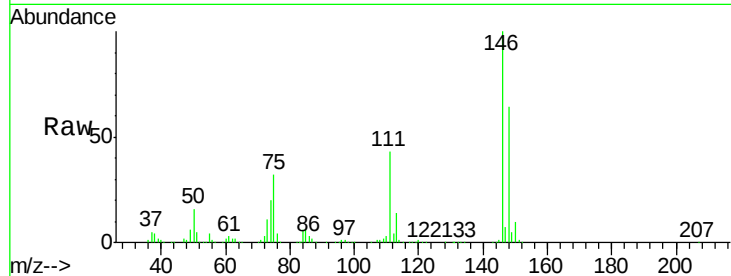




#91
 1,2-Dichlorobenzene
 Concen: 48.924 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

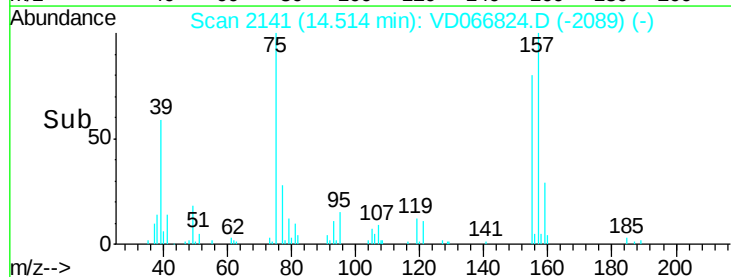
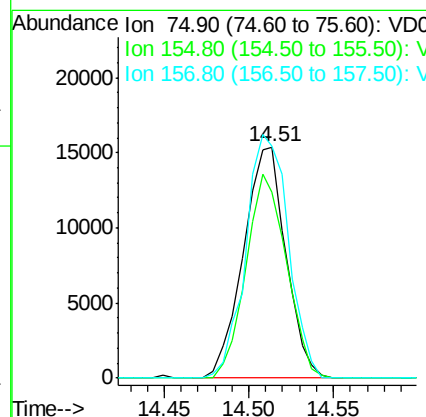
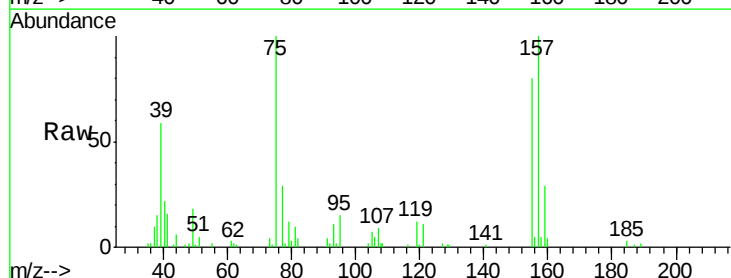
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

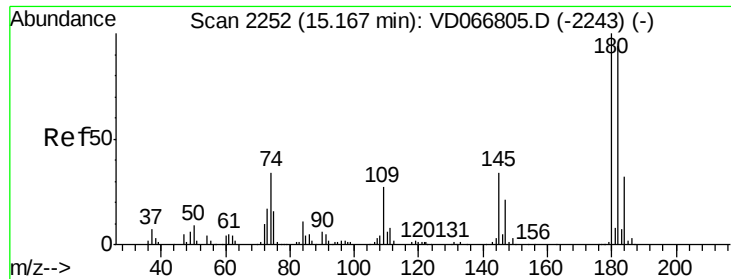
Tgt Ion:146 Resp: 406153
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.9 62.7
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.210 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion: 75 Resp: 26937
 Ion Ratio Lower Upper
 75 100
 155 83.9 40.4 121.2
 157 105.5 51.3 153.9

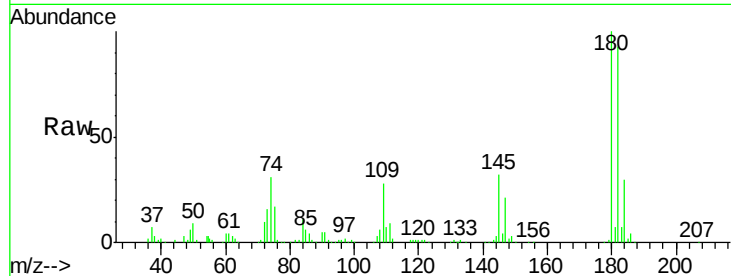




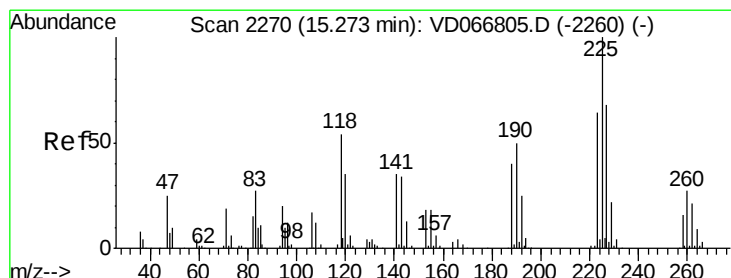
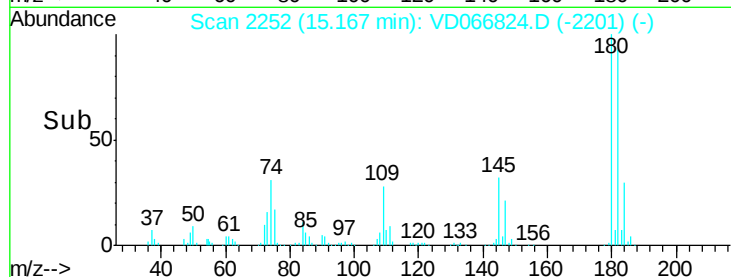
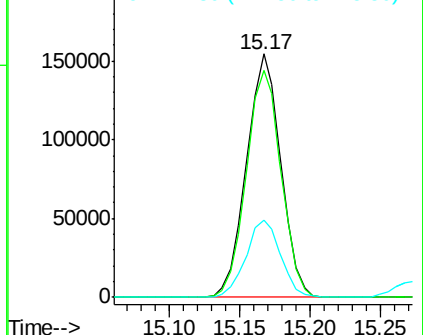
#93
 1,2,4-Trichlorobenzene
 Concen: 50.315 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.8	146.3
145	32.2	16.7	50.0

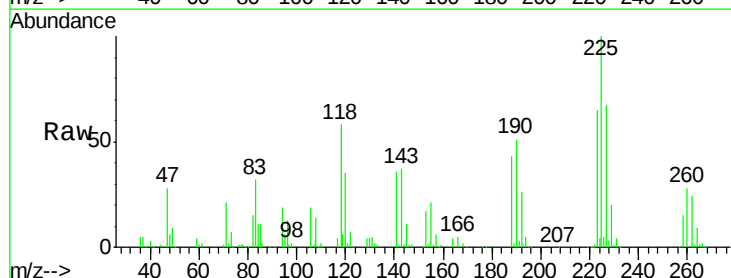


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

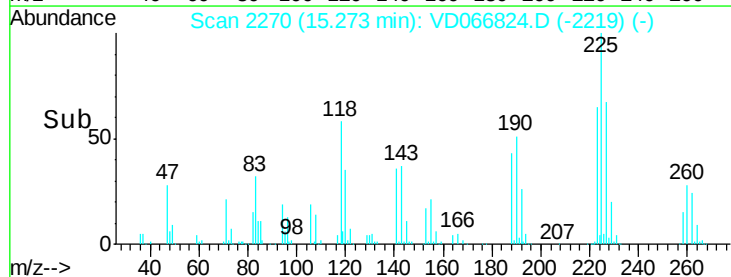
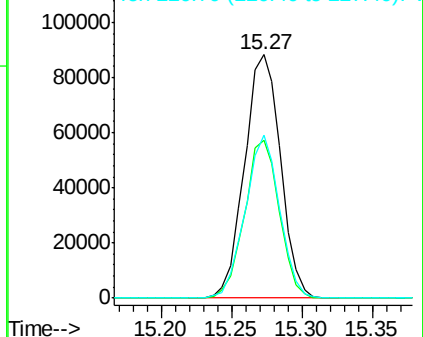


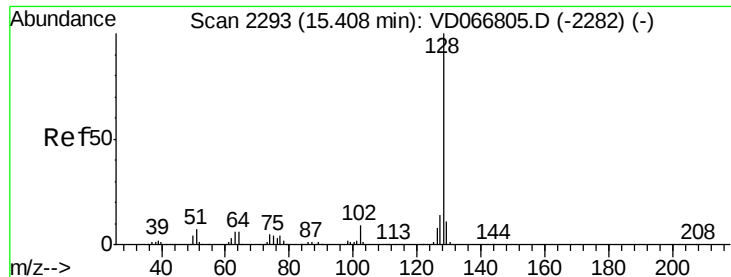
#94
 Hexachlorobutadiene
 Concen: 50.522 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066824.D
 Acq: 23 Sep 2020 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.3
227	63.4	31.7	95.1



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

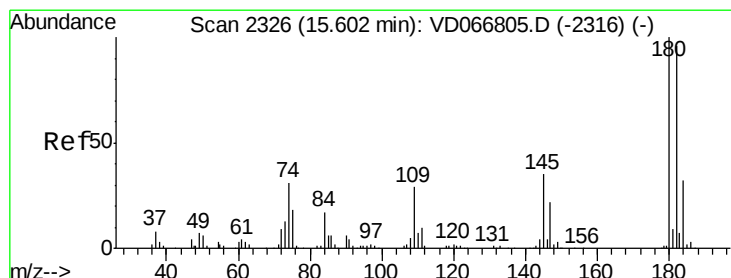
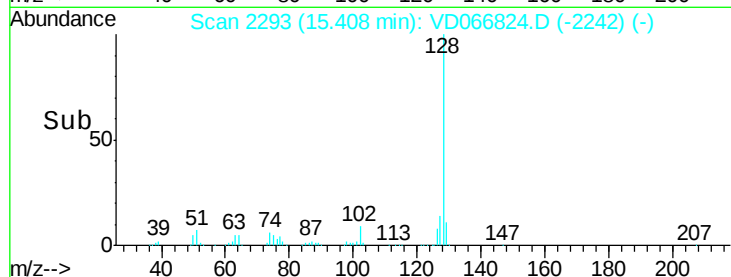
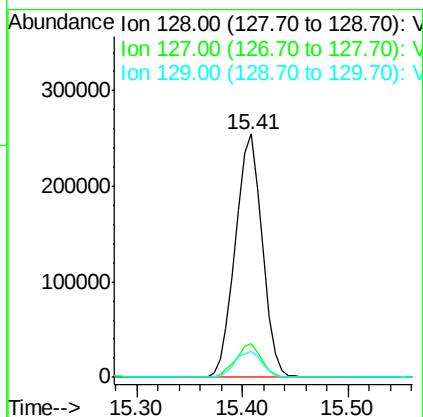
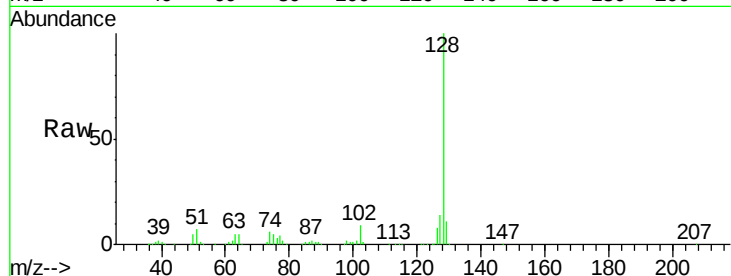




#95
Naphthalene
Concen: 50.446 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 447583
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.421 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066824.D
Acq: 23 Sep 2020 10:11

Tgt Ion:180 Resp: 227426
Ion Ratio Lower Upper
180 100
182 92.8 46.8 140.3
145 33.7 17.0 51.0

