

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092220\
 Data File : VD066805.D
 Acq On : 22 Sep 2020 12:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 22 12:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 22 12:44:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	425337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201762	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.91	113	212447	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.34	98	748786	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.63	95	246639	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144901	41.239	ug/l	100
3) Chloromethane	2.21	50	175996	39.139	ug/l	100
4) Vinyl Chloride	2.35	62	181447	38.830	ug/l	100
5) Bromomethane	2.77	94	127809	38.659	ug/l	100
6) Chloroethane	2.92	64	112831	39.071	ug/l	100
7) Trichlorofluoromethane	3.27	101	371688	44.935	ug/l	100
8) Diethyl Ether	3.71	74	103340	49.412	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	215285	47.092	ug/l	100
10) Methyl Iodide	4.30	142	210098	49.174	ug/l	100
11) Tert butyl alcohol	5.21	59	65809	145.699	ug/l	100
12) 1,1-Dichloroethene	4.07	96	207964	49.047	ug/l	100
13) Acrolein	3.93	56	75685	238.395	ug/l	100
14) Allyl chloride	4.71	41	311004	46.334	ug/l	100
15) Acrylonitrile	5.43	53	230662	251.130	ug/l	100
16) Acetone	4.16	43	234676	252.082	ug/l	100
17) Carbon Disulfide	4.41	76	629098	47.591	ug/l	100
18) Methyl Acetate	4.71	43	103923	46.598	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	477227	50.675	ug/l	100
20) Methylene Chloride	4.97	84	248399	39.935	ug/l	100
21) trans-1,2-Dichloroethene	5.48	96	240406	48.833	ug/l	100
22) Diisopropyl ether	6.36	45	662443	48.480	ug/l	100
23) Vinyl Acetate	6.30	43	1802600	239.466	ug/l	100
24) 1,1-Dichloroethane	6.27	63	421016	48.142	ug/l	100
25) 2-Butanone	7.21	43	276251	233.118	ug/l	100
26) 2,2-Dichloropropane	7.21	77	370278	45.951	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	269271	50.009	ug/l	100
28) Bromochloromethane	7.55	49	181287	54.021	ug/l	100
29) Tetrahydrofuran	7.56	42	179842	247.372	ug/l	100
30) Chloroform	7.71	83	445276	47.912	ug/l	100
31) Cyclohexane	7.98	56	358209	45.340	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	406884	47.856	ug/l	100
36) 1,1-Dichloropropene	8.11	75	334623	48.781	ug/l	100
37) Ethyl Acetate	7.29	43	130948	50.474	ug/l	100
38) Carbon Tetrachloride	8.09	117	359533	49.235	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	396519	50.549	ug/l	100
40) Benzene	8.35	78	944719	50.639	ug/l	100
41) Methacrylonitrile	7.56	41	178807	127.549	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	274027	47.871	ug/l	100
43) Isopropyl Acetate	8.45	43	244616	49.981	ug/l	100
44) Trichloroethene	9.11	130	261886	52.077	ug/l	100
45) 1,2-Dichloropropane	9.38	63	238077	51.403	ug/l	100
46) Dibromomethane	9.47	93	133294	52.256	ug/l	100
47) Bromodichloromethane	9.66	83	343715	49.840	ug/l	100
48) Methyl methacrylate	9.45	41	119254	48.690	ug/l	100
49) 1,4-Dioxane	9.46	88	30804	1125.347	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	637937	253.378	ug/l	100
52) Toluene	10.40	92	616288	51.547	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	309229	50.368	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370838	50.847	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	175111	51.817	ug/l	100
56) Ethyl methacrylate	10.66	69	206827	54.640	ug/l	100
57) 1,3-Dichloropropane	10.94	76	295544	50.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	434752	257.979	ug/l	100
59) 2-Hexanone	10.98	43	441528	260.963	ug/l	100
60) Dibromochloromethane	11.14	129	231018	52.781	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168231	52.181	ug/l	100
64) Tetrachloroethene	10.87	164	213091	50.832	ug/l	100
65) Chlorobenzene	11.67	112	628884	49.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	242121	51.667	ug/l	100
67) Ethyl Benzene	11.74	91	1157919	50.910	ug/l	100
68) m/p-Xylenes	11.85	106	876383	101.675	ug/l	100
69) o-Xylene	12.18	106	400618	52.437	ug/l	100
70) Styrene	12.20	104	704687	52.535	ug/l	100
71) Bromoform	12.36	173	125138	53.041	ug/l	100
73) Isopropylbenzene	12.48	105	1096613	51.752	ug/l	100
74) N-amyl acetate	12.29	43	221696	49.806	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	183121	50.299	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	243723	99.358	ug/l #	100
77) Bromobenzene	12.76	156	250820	50.870	ug/l	100
78) n-propylbenzene	12.82	91	1306369	50.695	ug/l	100
79) 2-Chlorotoluene	12.91	91	720838	49.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	917003	51.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52392	46.968	ug/l	100
82) 4-Chlorotoluene	13.01	91	768318	49.744	ug/l	100
83) tert-Butylbenzene	13.23	119	757349	51.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	910991	50.925	ug/l	100
85) sec-Butylbenzene	13.40	105	1078653	51.011	ug/l	100
86) p-Isopropyltoluene	13.52	119	986549	51.353	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	481896	51.159	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	469627	50.021	ug/l	100
89) n-Butylbenzene	13.84	91	931021	51.160	ug/l	100
90) Hexachloroethane	14.11	117	189038	48.121	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	410112	50.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29225	50.182	ug/l	100

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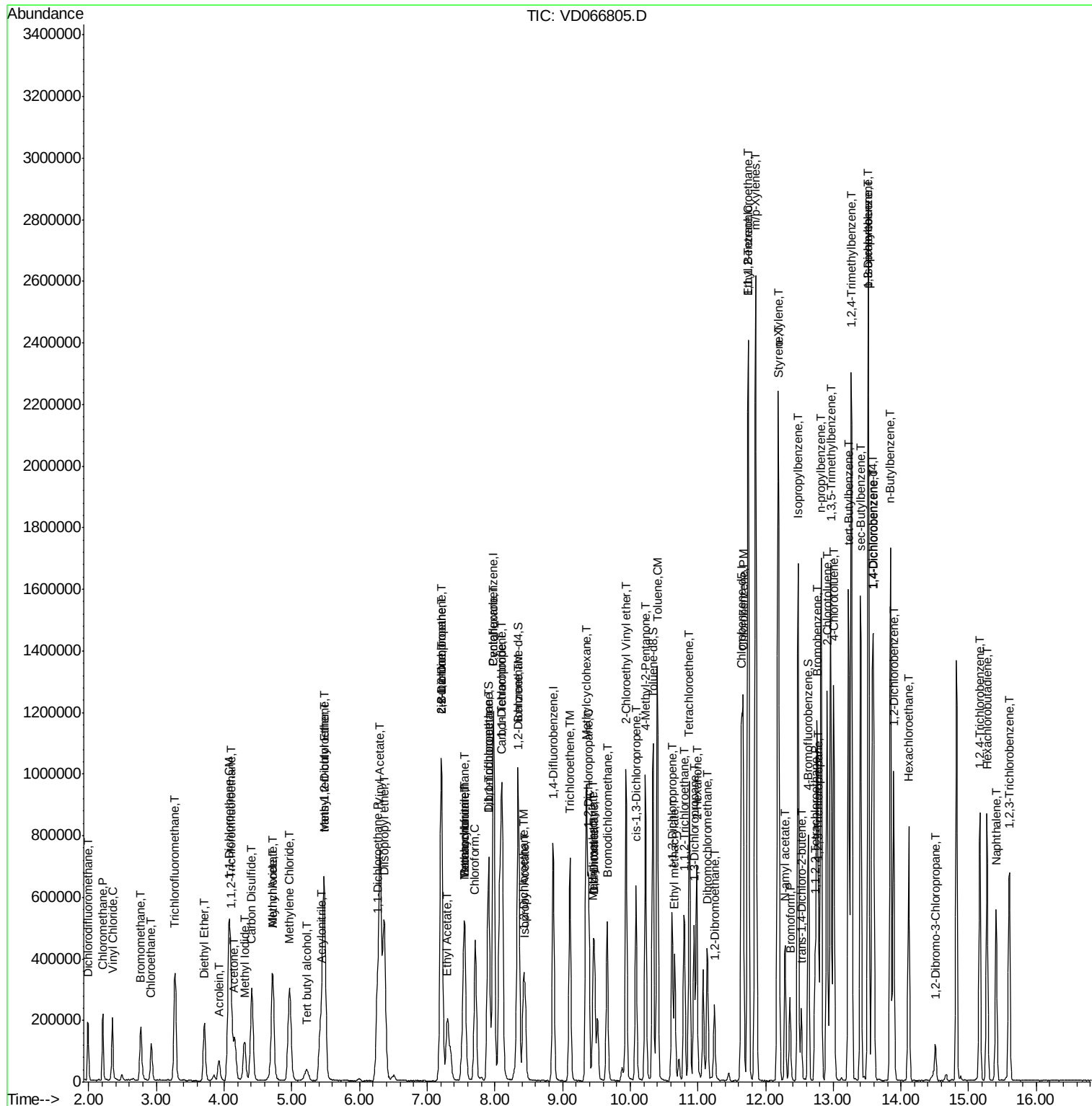
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264712	54.148	ug/l	100
94) Hexachlorobutadiene	15.27	225	157026	53.235	ug/l	100
95) Naphthalene	15.41	128	493426	57.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	236608	54.960	ug/l	100

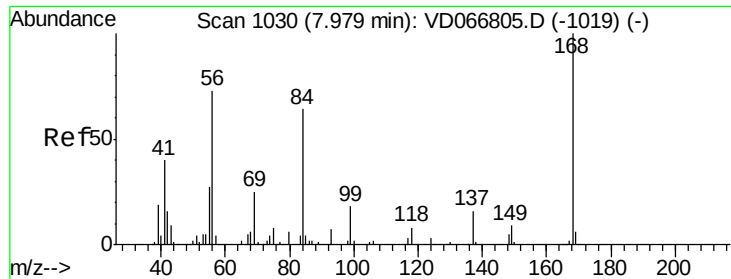
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

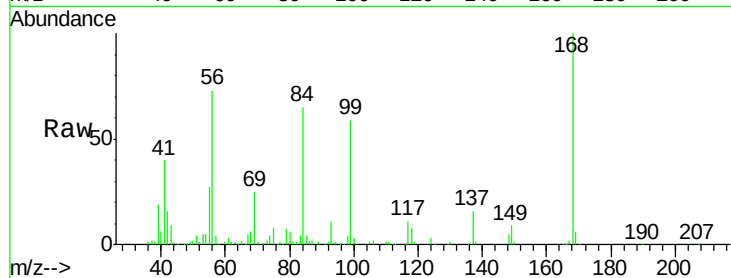
VSTDICCC050

Tgt Ion:168 Resp: 425337

Ion Ratio Lower Upper

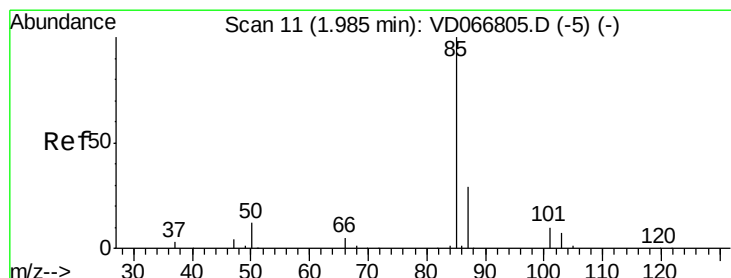
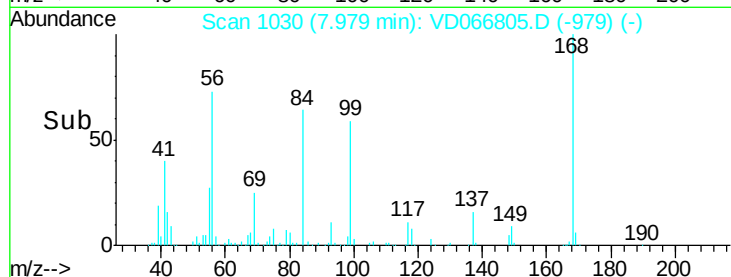
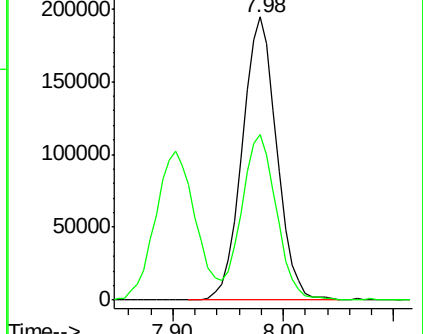
168 100

99 58.2 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: 41.239 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066805.D

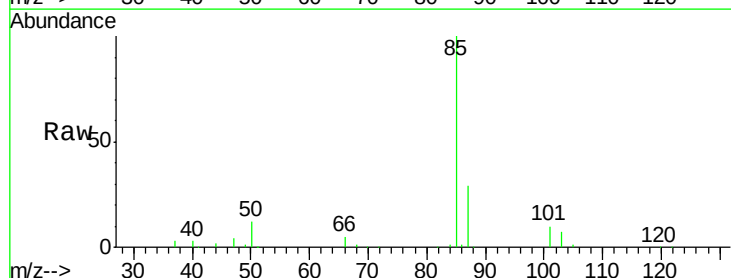
Acq: 22 Sep 2020 12:11

Tgt Ion: 85 Resp: 144901

Ion Ratio Lower Upper

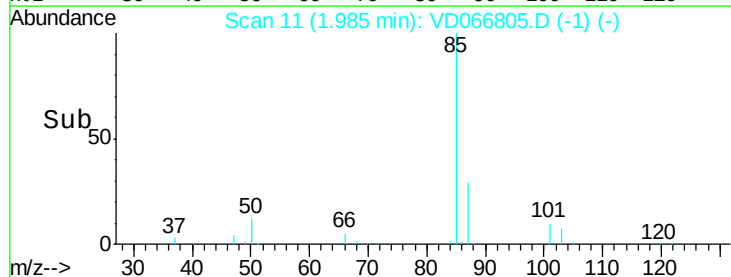
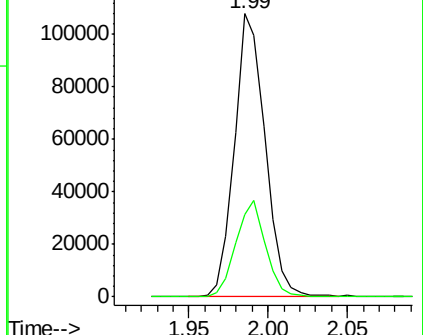
85 100

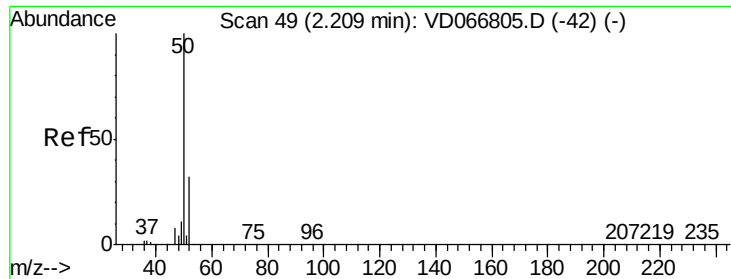
87 29.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.139 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

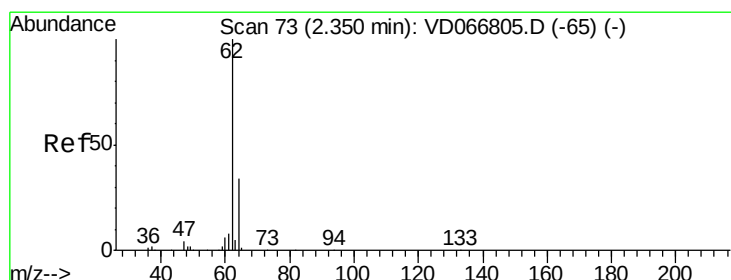
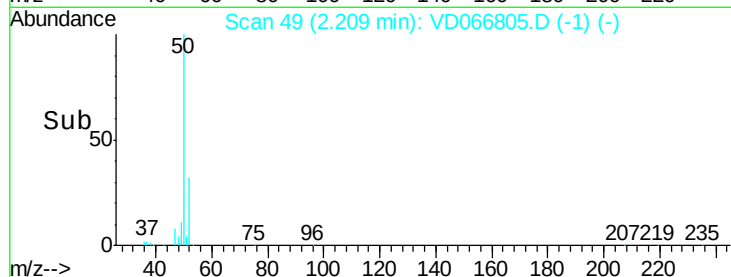
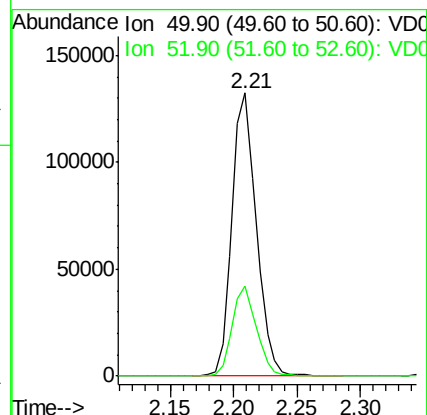
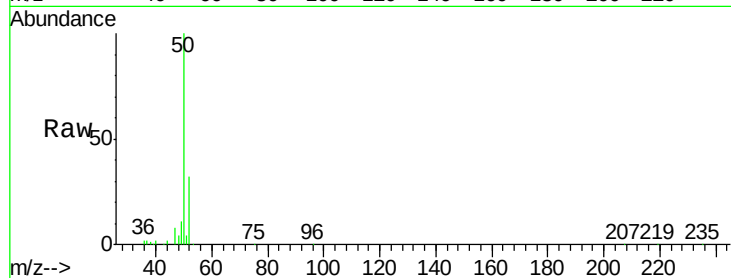
VSTDICCC050

Tgt Ion: 50 Resp: 175996

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 38.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066805.D

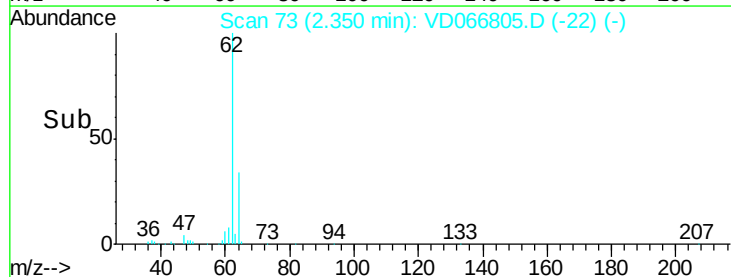
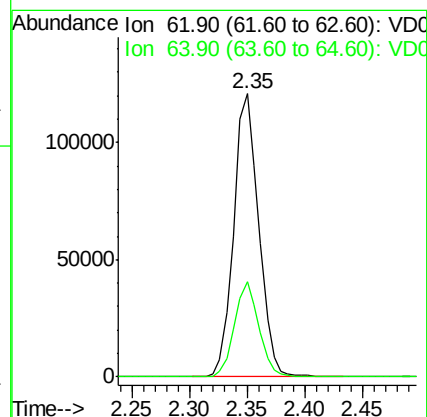
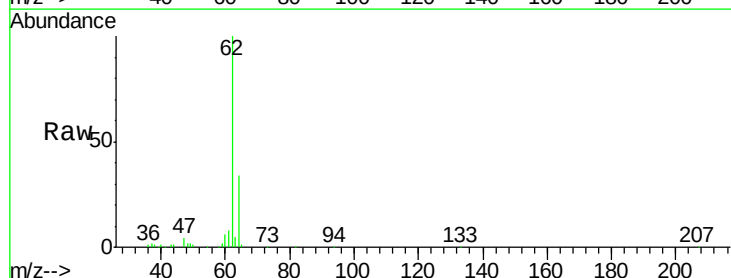
Acq: 22 Sep 2020 12:11

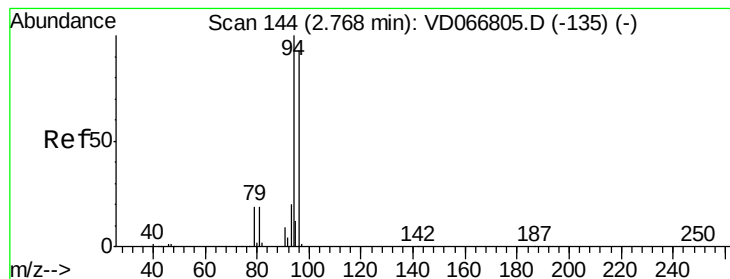
Tgt Ion: 62 Resp: 181447

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4





#5

Bromomethane

Concen: 38.659 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

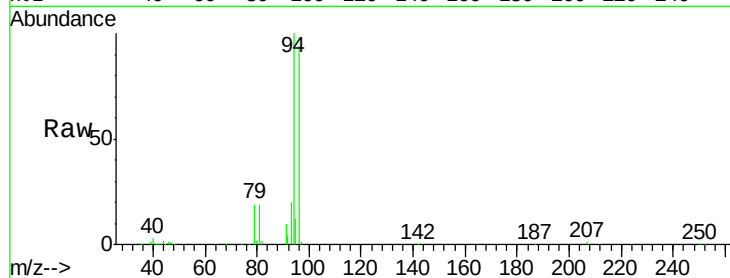
VSTDICCC050

Tgt Ion: 94 Resp: 127809

Ion Ratio Lower Upper

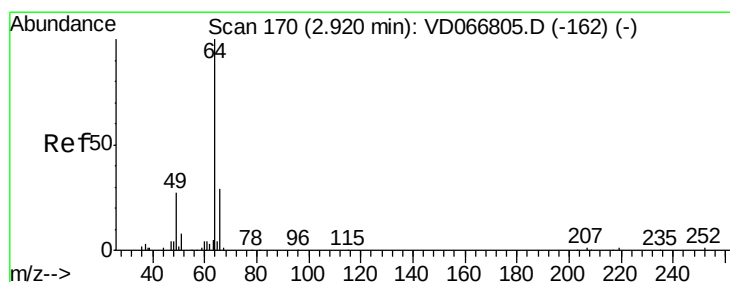
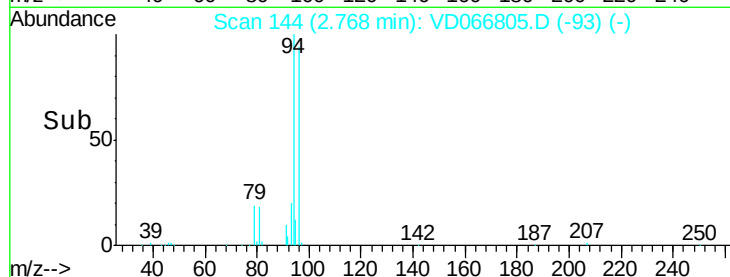
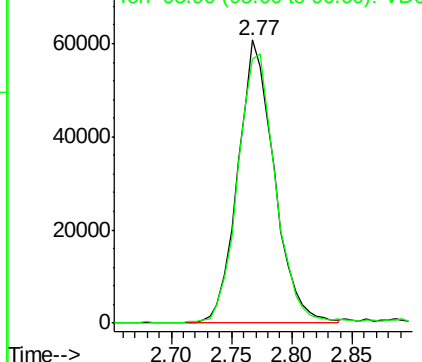
94 100

96 92.9 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 39.071 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066805.D

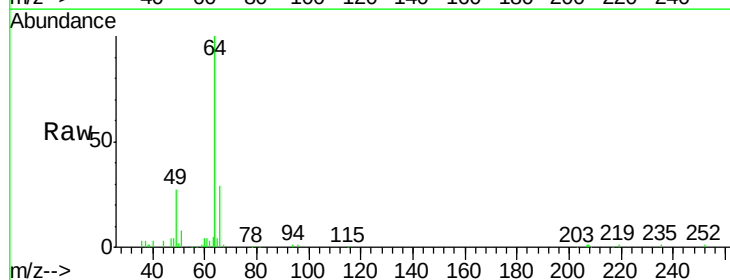
Acq: 22 Sep 2020 12:11

Tgt Ion: 64 Resp: 112831

Ion Ratio Lower Upper

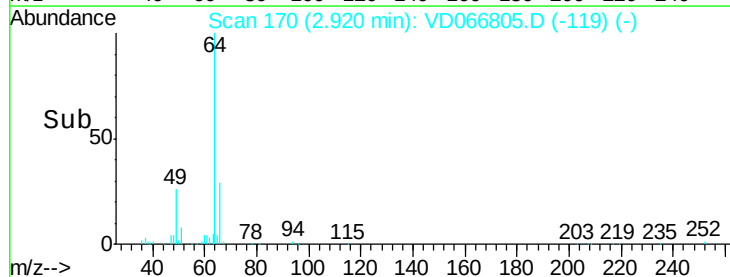
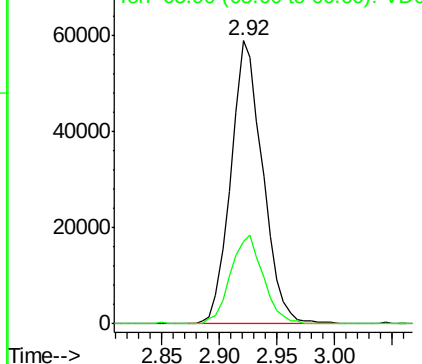
64 100

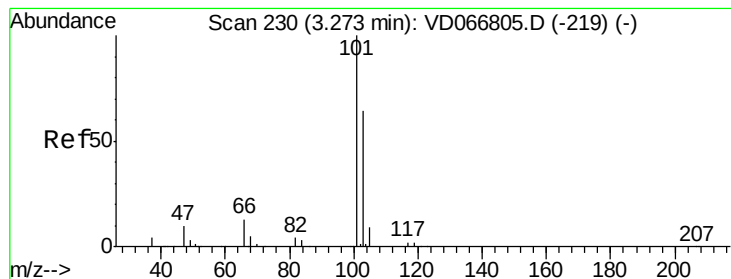
66 29.1 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



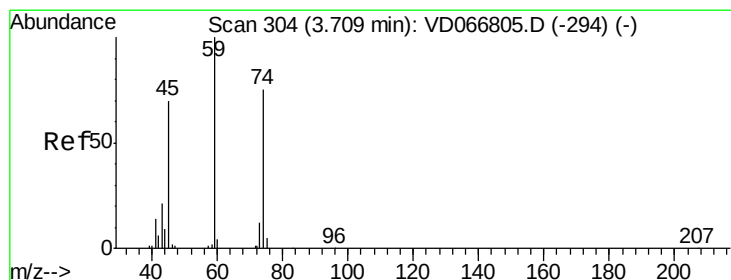
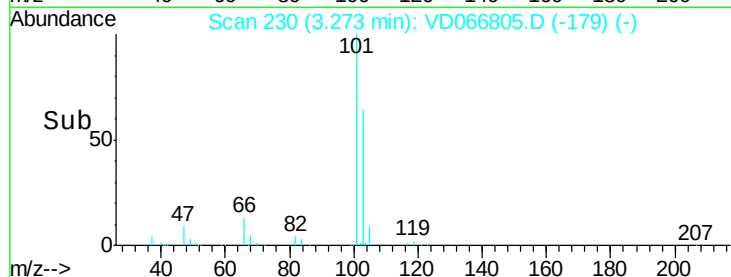
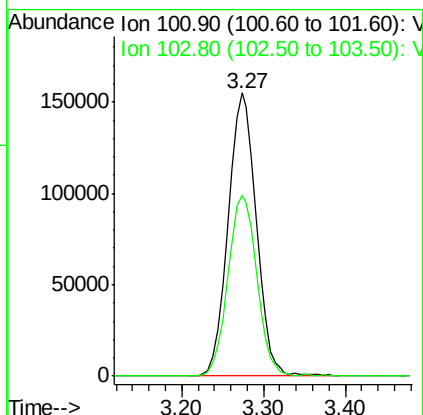
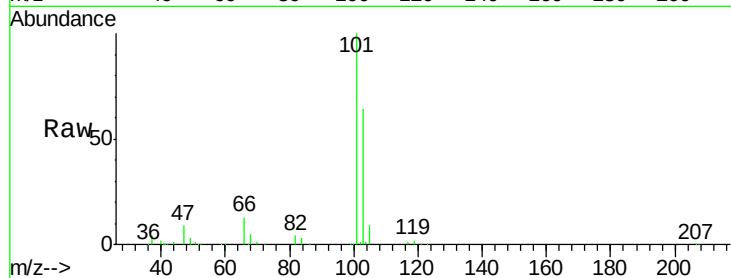


#7

Trichlorofluoromethane
 Concen: 44.935 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
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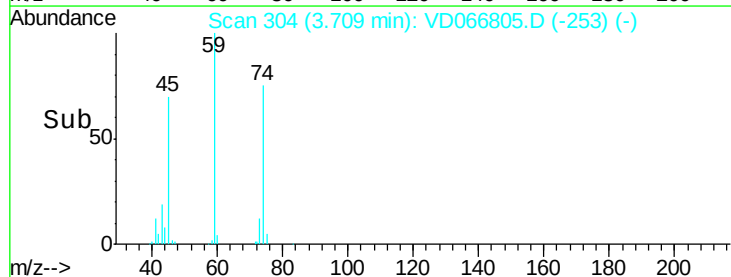
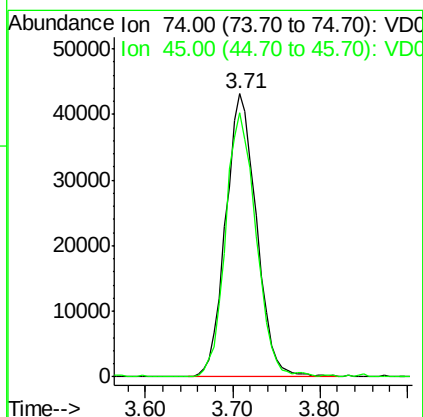
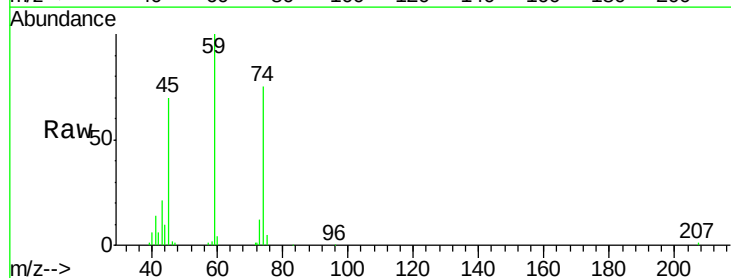
Tgt Ion:101 Resp: 371688
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6

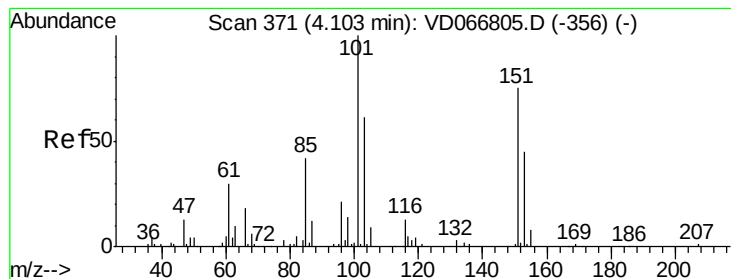


#8

Diethyl Ether
 Concen: 49.412 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 74 Resp: 103340
 Ion Ratio Lower Upper
 74 100
 45 92.0 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.092 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

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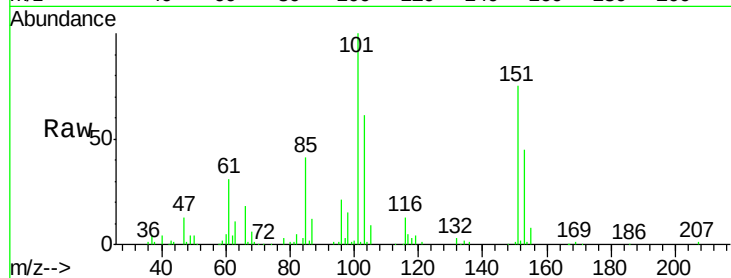
Tgt Ion:101 Resp: 215285

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.2

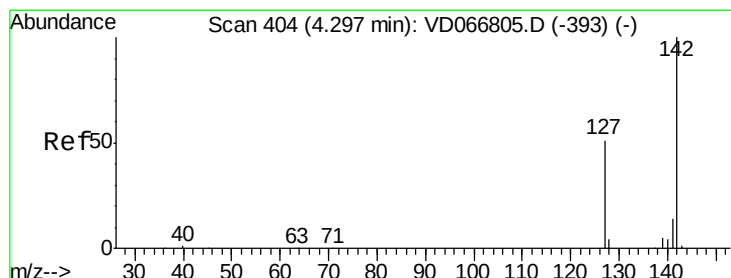
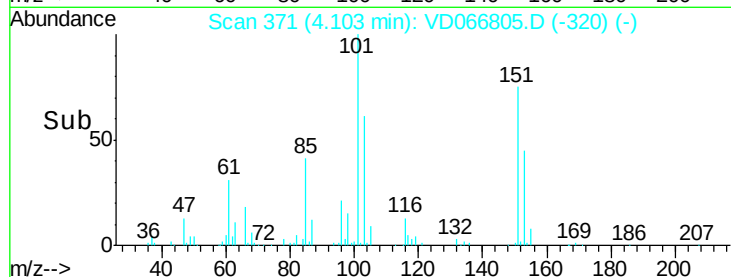
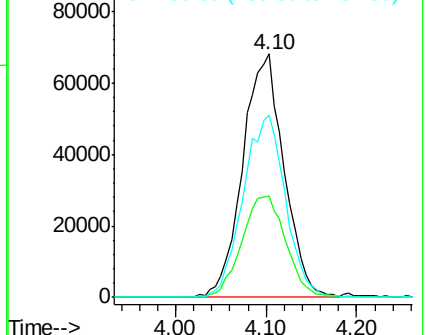
151 76.7 61.4 92.0



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: 49.174 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

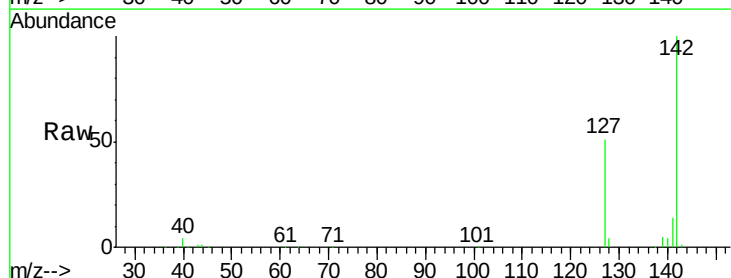
Tgt Ion:142 Resp: 210098

Ion Ratio Lower Upper

142 100

127 49.2 39.4 59.0

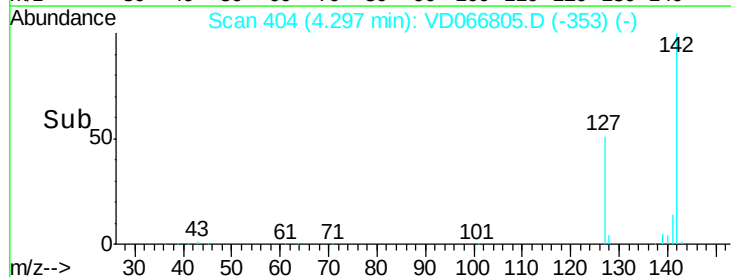
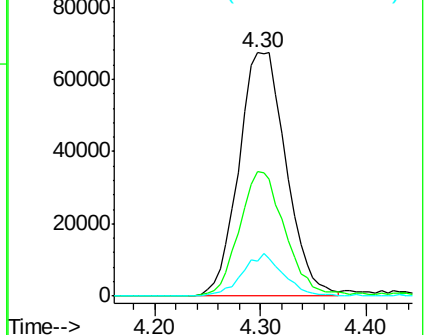
141 15.1 12.1 18.1

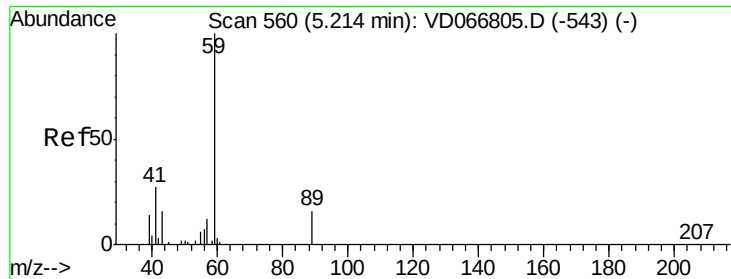


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

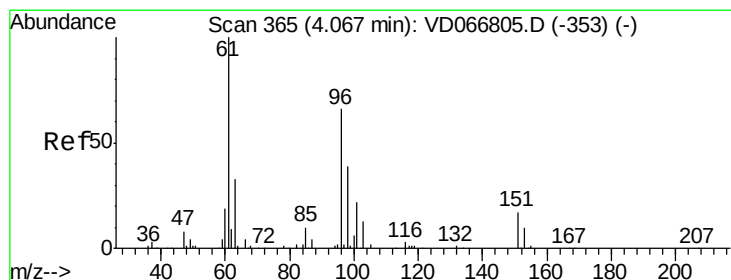
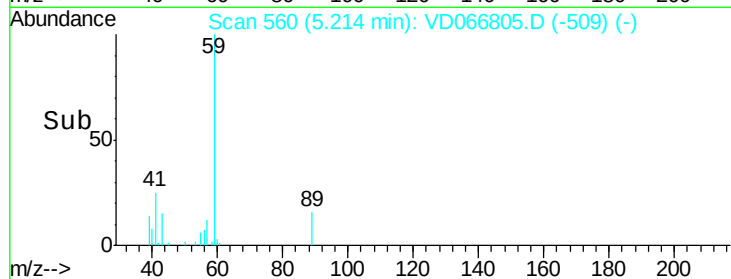
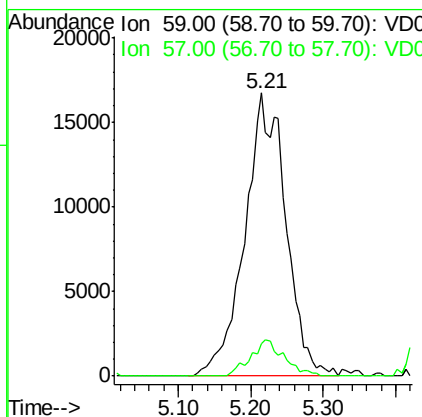
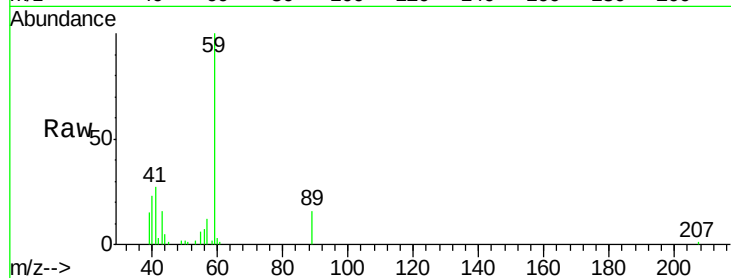




#11
Tert butyl alcohol
Concen: 145.699 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

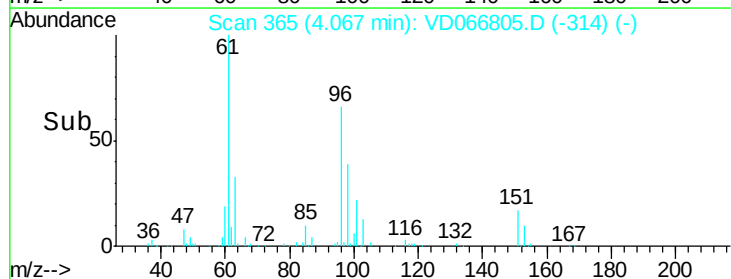
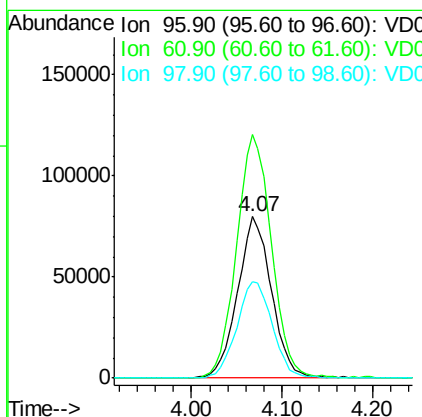
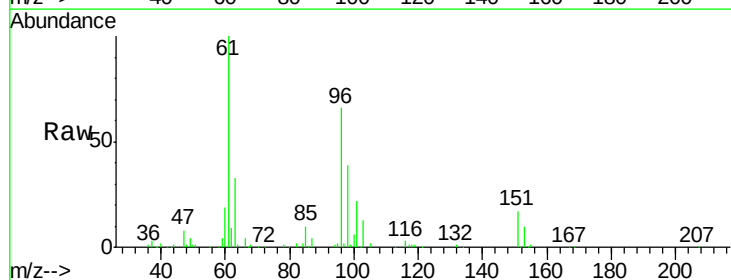
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

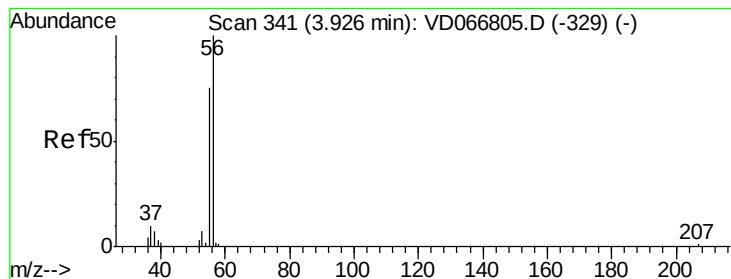
Tgt Ion: 59 Resp: 65809
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.047 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 96 Resp: 207964
Ion Ratio Lower Upper
96 100
61 151.0 120.8 181.2
98 59.6 47.7 71.5





#13

Acrolein

Concen: 238.395 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

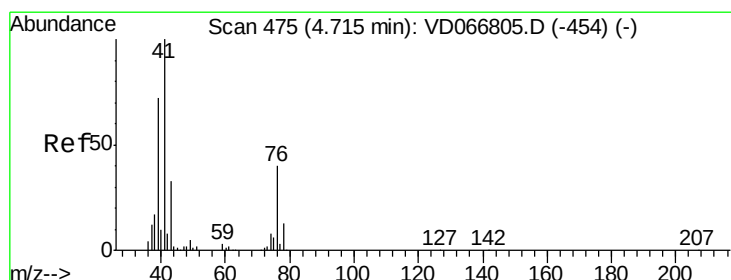
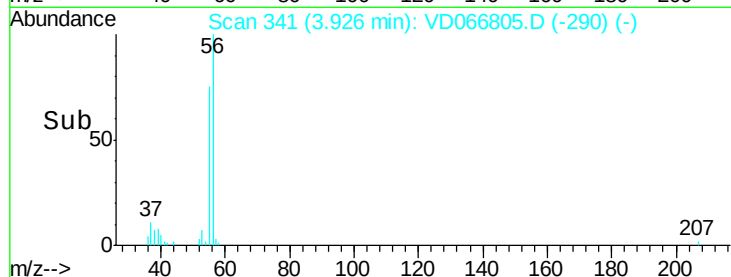
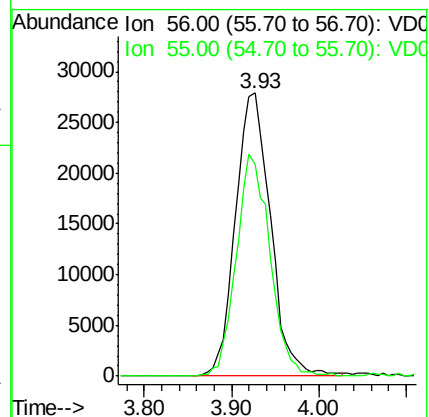
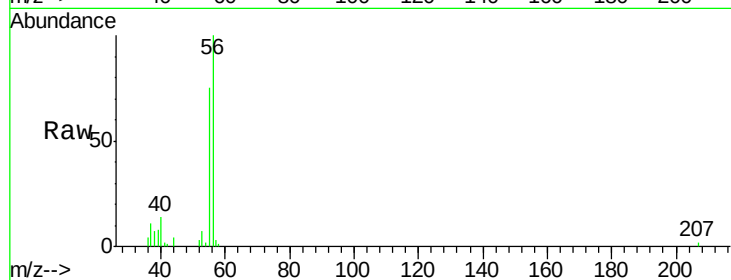
VSTDICCC050

Tgt Ion: 56 Resp: 75685

Ion Ratio Lower Upper

56 100

55 75.4 60.3 90.5



#14

Allyl chloride

Concen: 46.334 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

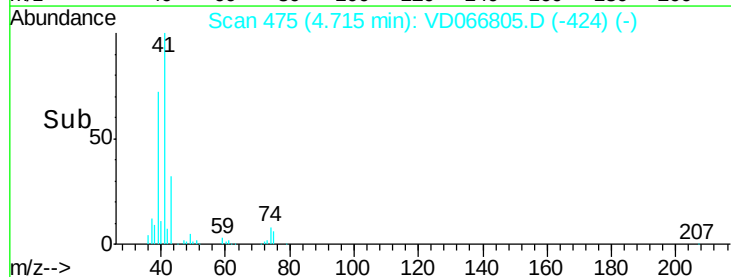
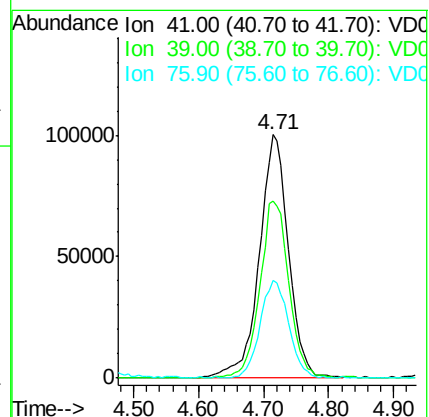
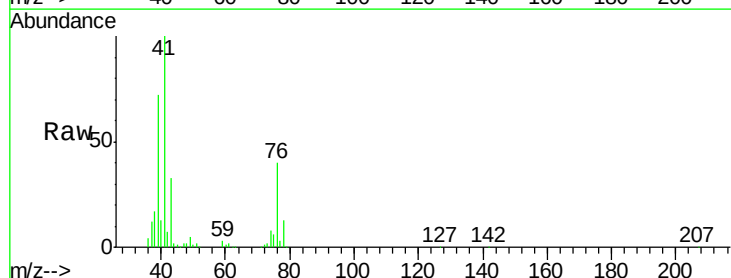
Tgt Ion: 41 Resp: 311004

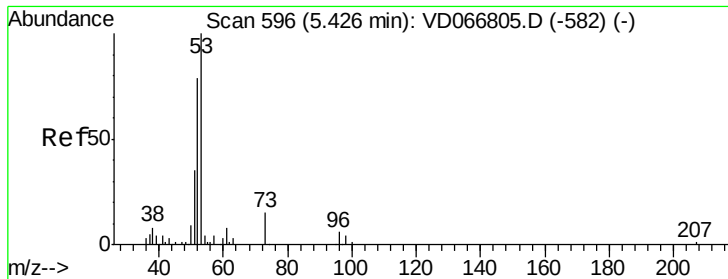
Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.8

76 38.6 30.9 46.3





#15

Acrylonitrile

Concen: 251.130 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

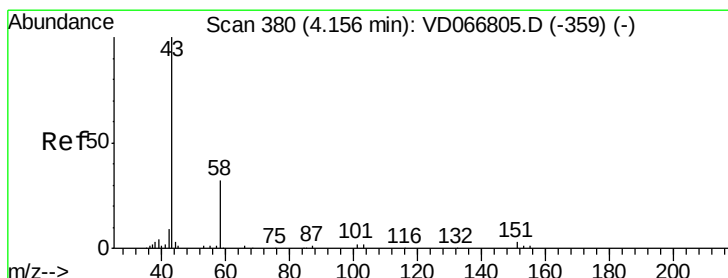
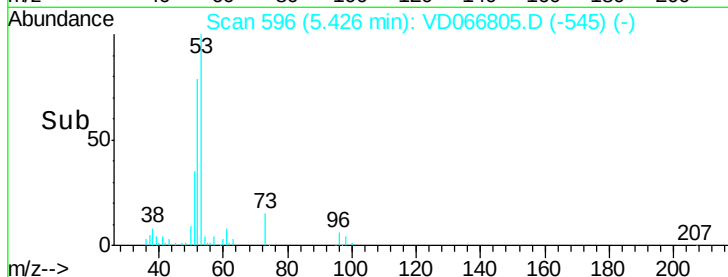
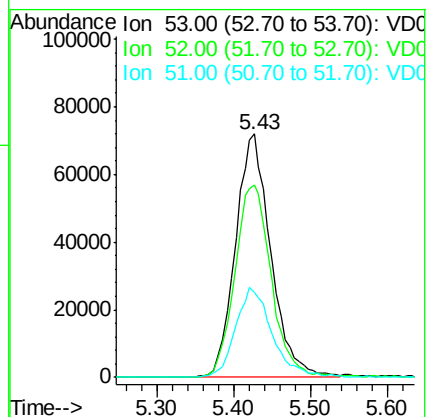
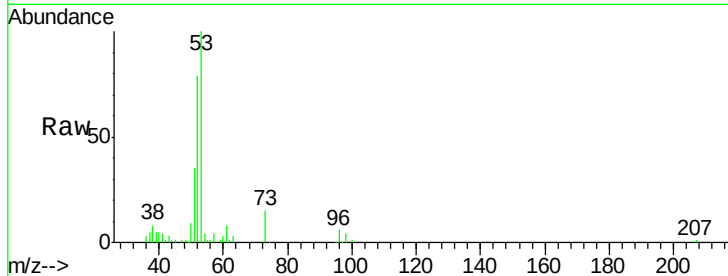
Tgt Ion: 53 Resp: 230662

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 38.3 30.6 46.0



#16

Acetone

Concen: 252.082 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066805.D

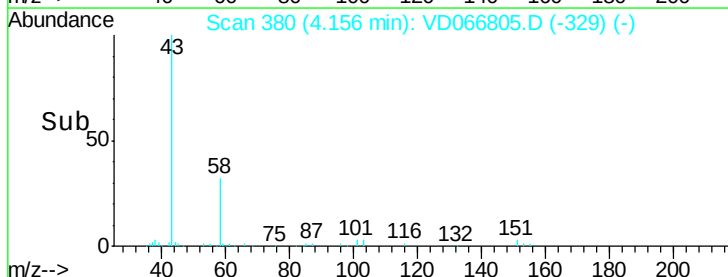
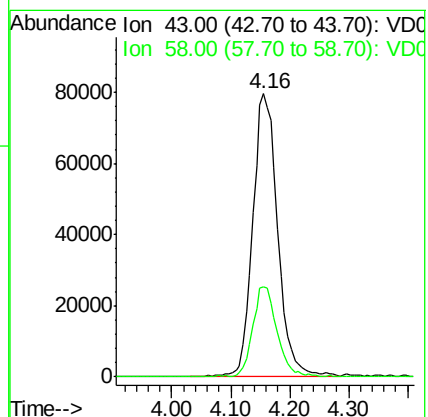
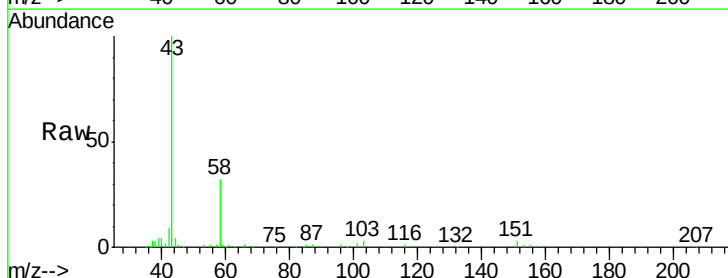
Acq: 22 Sep 2020 12:11

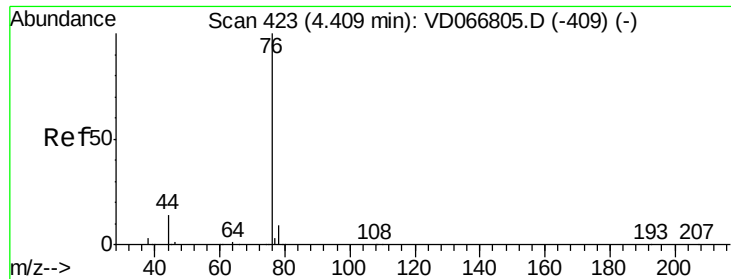
Tgt Ion: 43 Resp: 234676

Ion Ratio Lower Upper

43 100

58 32.0 25.6 38.4

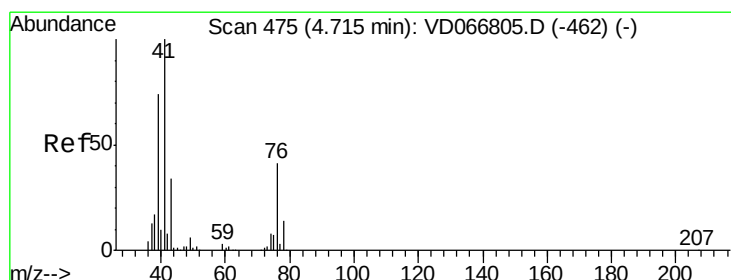
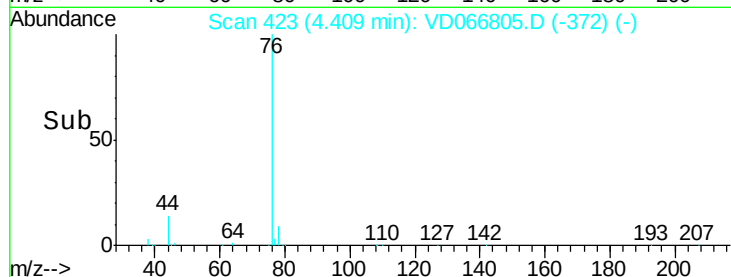
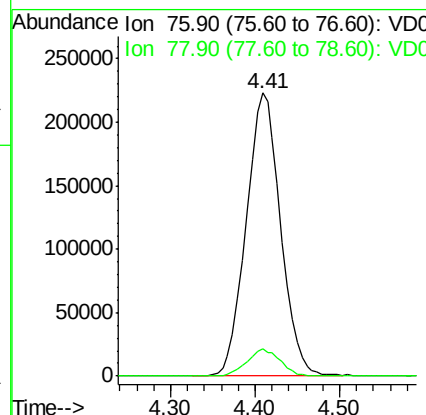
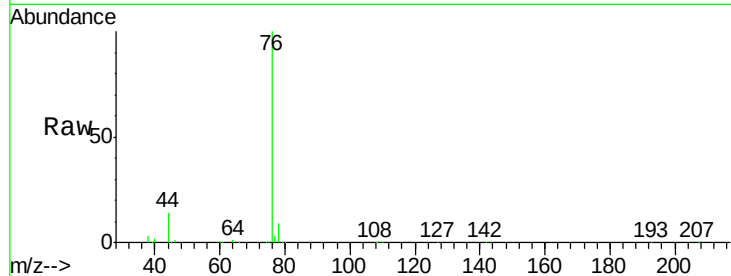




#17
Carbon Disulfide
Concen: 47.591 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

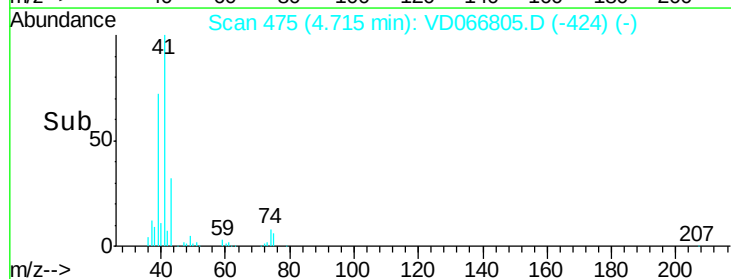
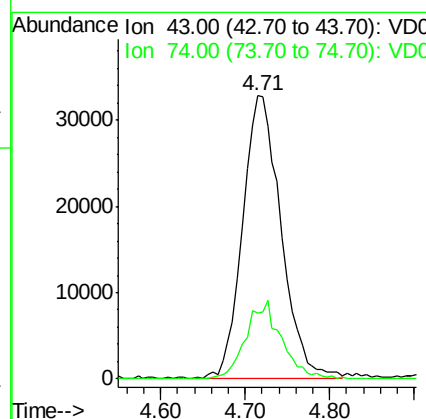
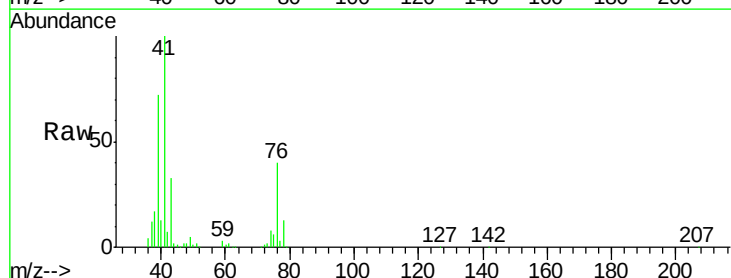
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

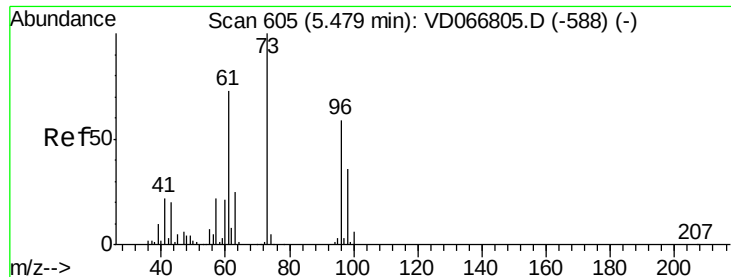
Tgt Ion: 76 Resp: 629098
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 46.598 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 43 Resp: 103923
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5

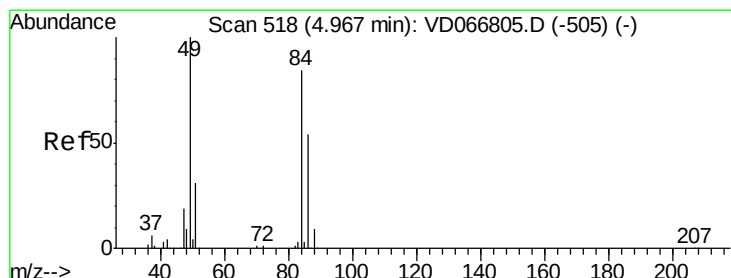
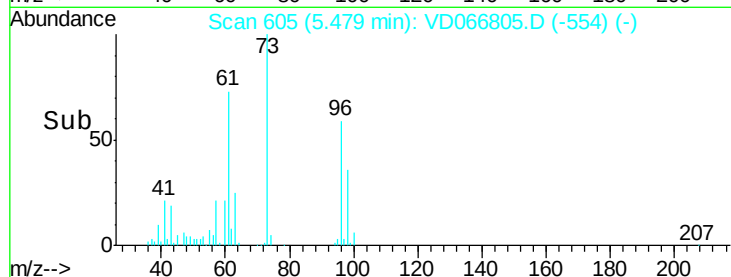
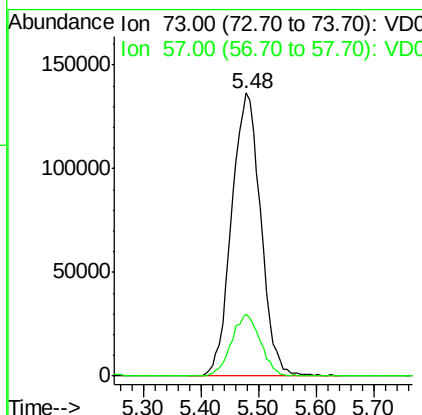
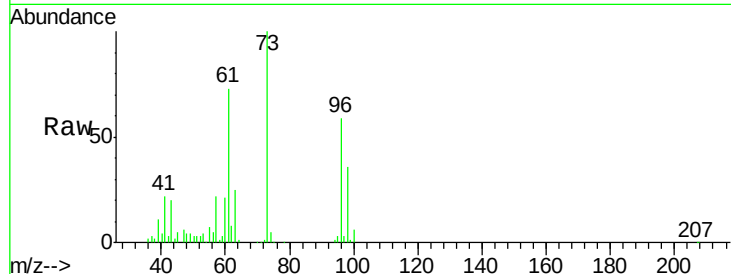




#19
Methyl tert-butyl Ether
Concen: 50.675 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

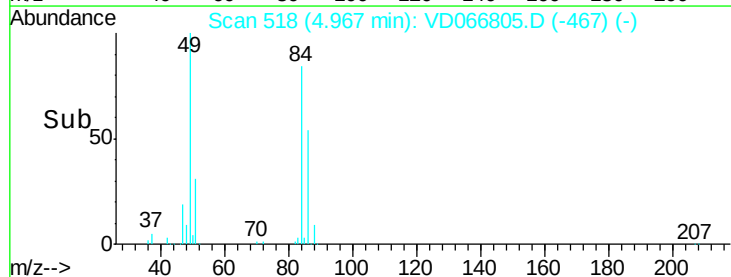
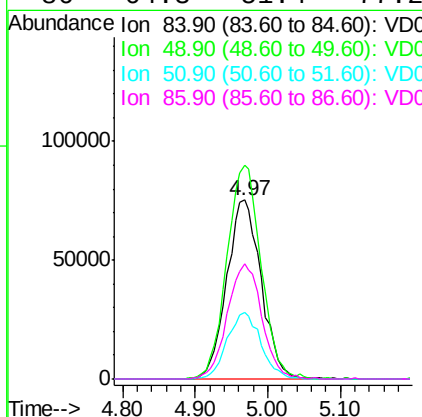
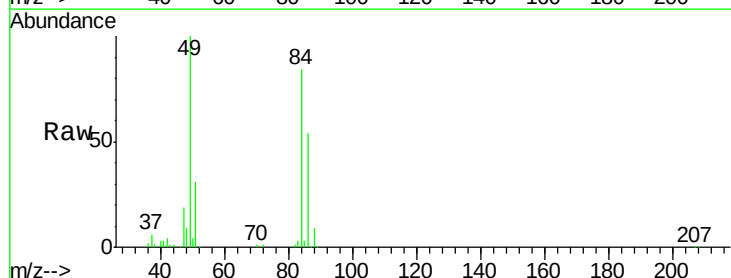
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

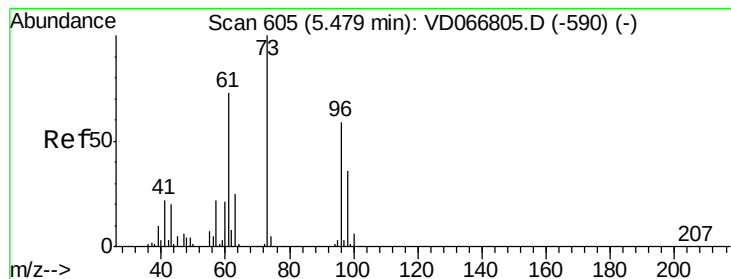
Tgt Ion: 73 Resp: 477227
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 39.935 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 84 Resp: 248399
Ion Ratio Lower Upper
84 100
49 119.3 95.4 143.2
51 37.1 29.7 44.5
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.833 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

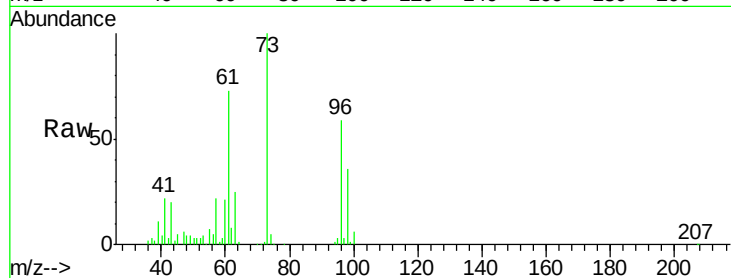
Tgt Ion: 96 Resp: 240406

Ion Ratio Lower Upper

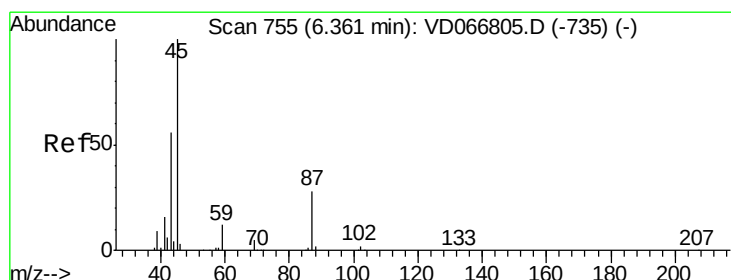
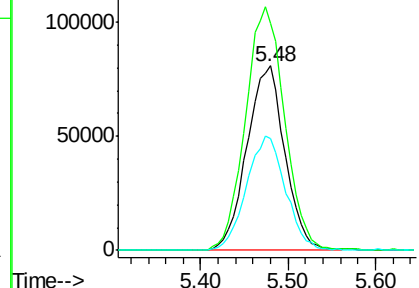
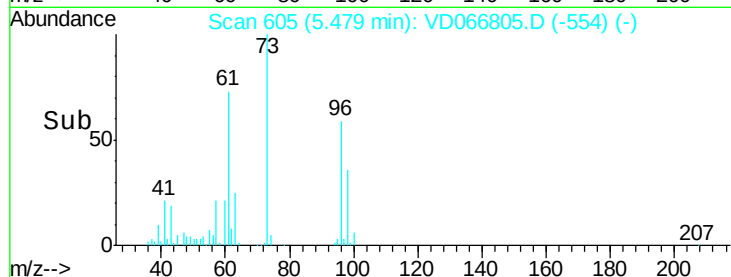
96 100

61 123.6 98.9 148.3

98 60.5 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: 48.480 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion: 45 Resp: 662443

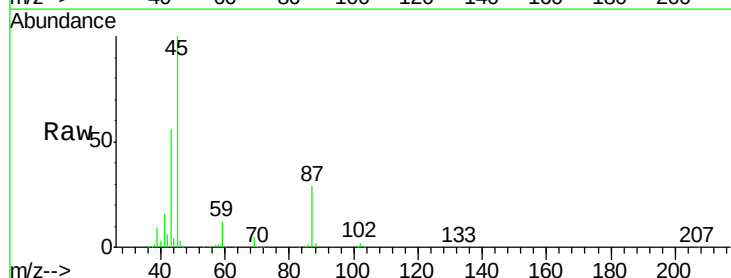
Ion Ratio Lower Upper

45 100

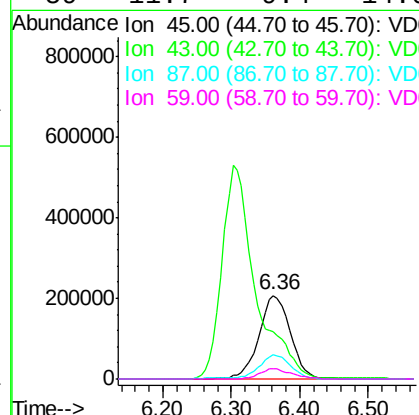
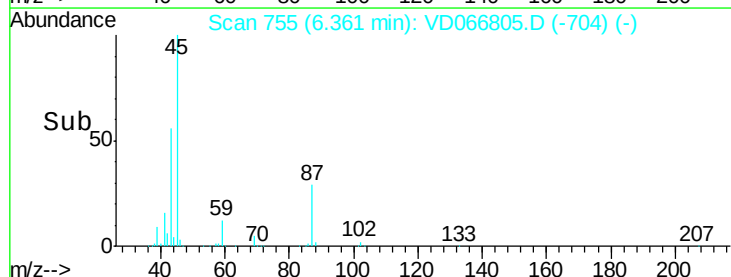
43 55.6 44.5 66.7

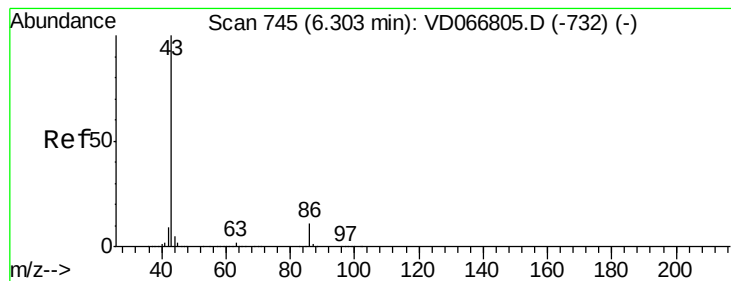
87 28.6 22.9 34.3

59 11.7 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: 239.466 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

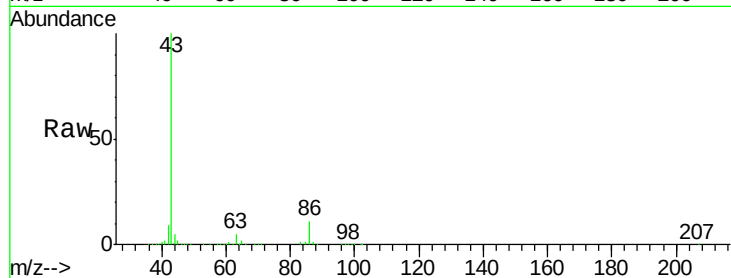
VSTDICCC050

Tgt Ion: 43 Resp: 1802600

Ion Ratio Lower Upper

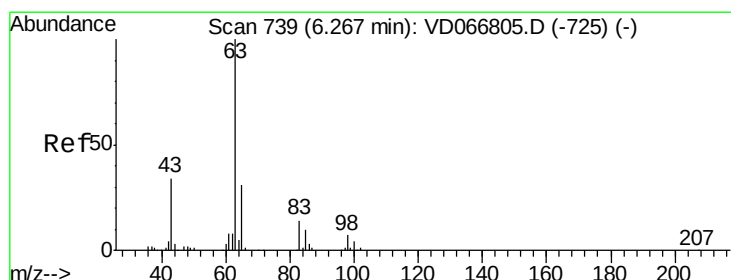
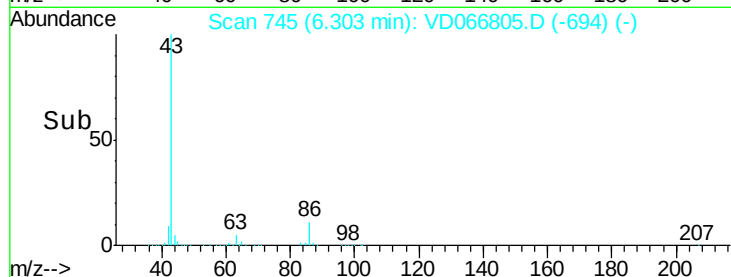
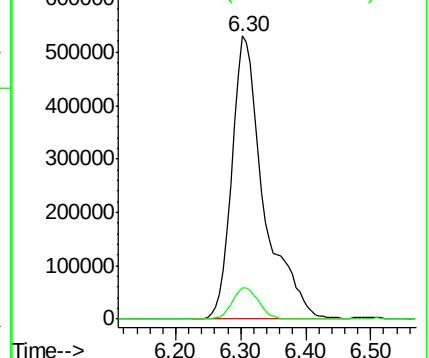
43 100

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: 48.142 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

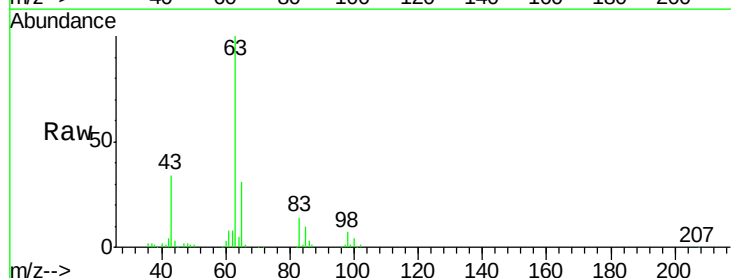
Tgt Ion: 63 Resp: 421016

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

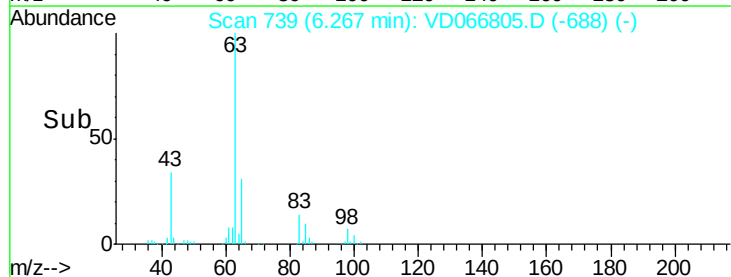
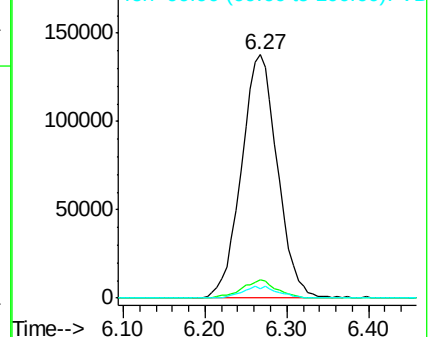
100 3.7 1.8 5.5

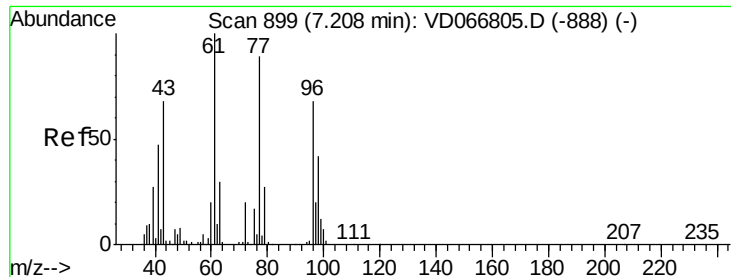


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

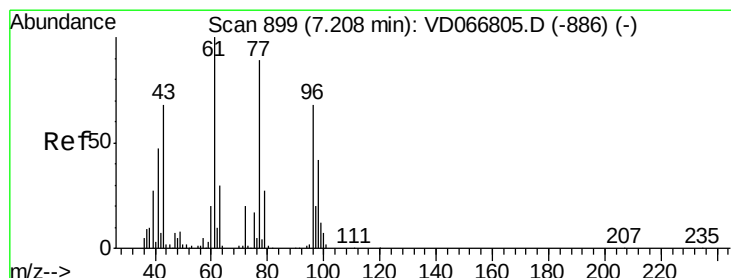
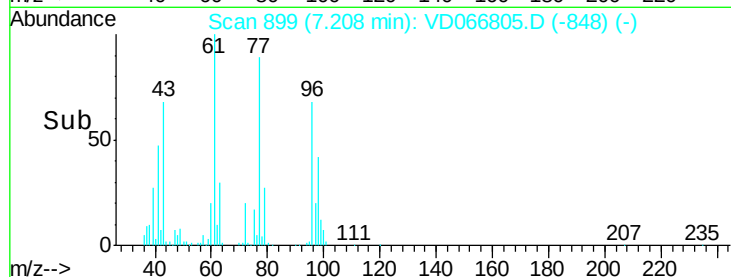
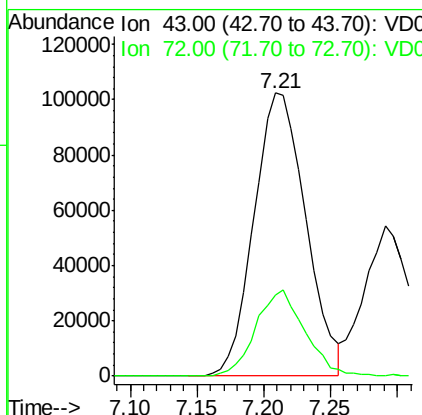
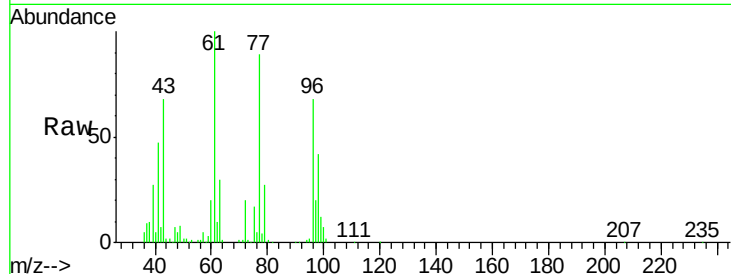




#25
2-Butanone
Concen: 233.118 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

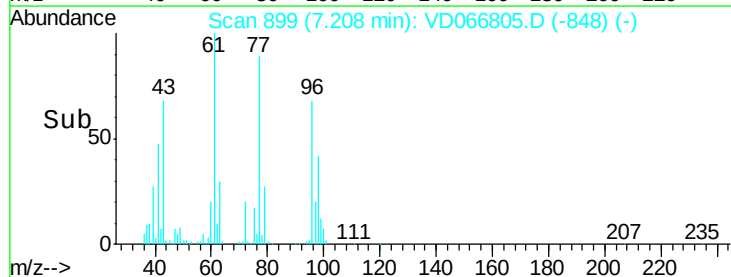
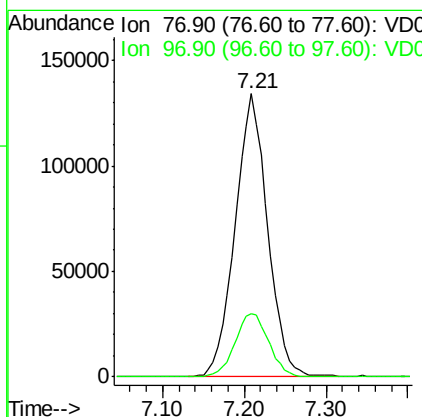
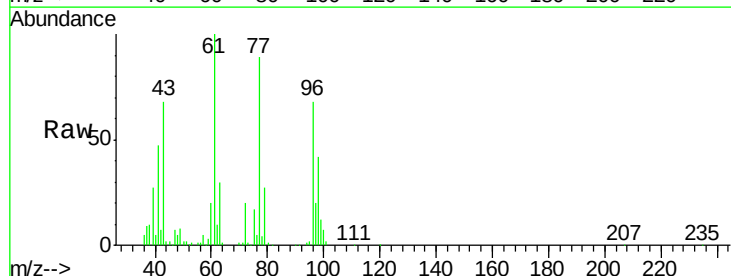
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

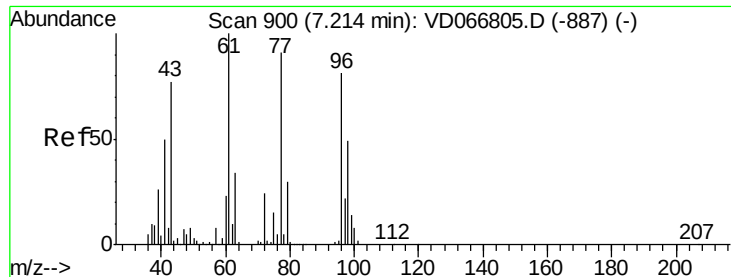
Tgt Ion: 43 Resp: 276251
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 45.951 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 77 Resp: 370278
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1



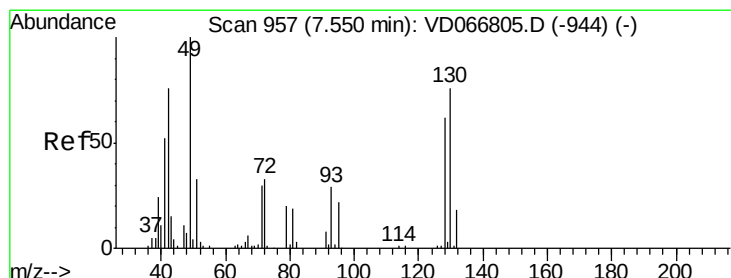
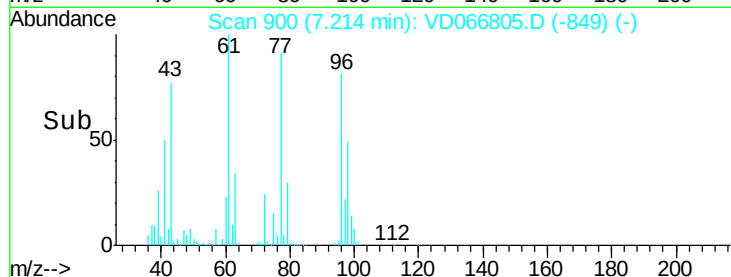
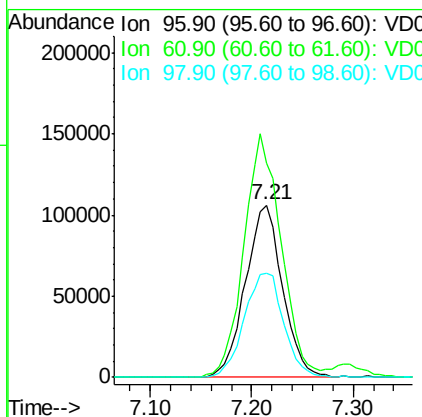
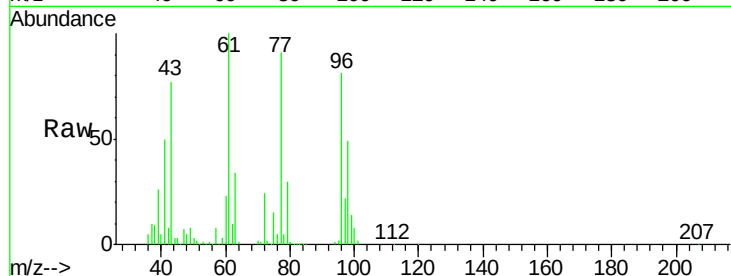


#27

cis-1,2-Dichloroethene
 Concen: 50.009 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

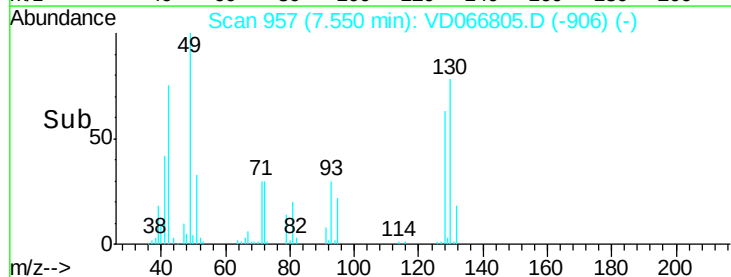
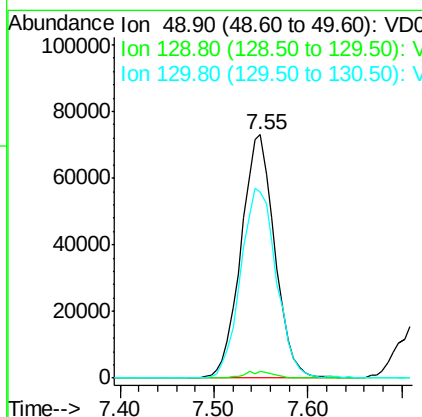
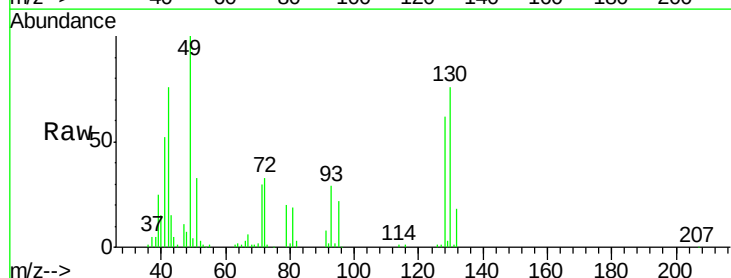
Tgt Ion: 96 Resp: 269271
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 283.8
 98 64.2 0.0 128.4

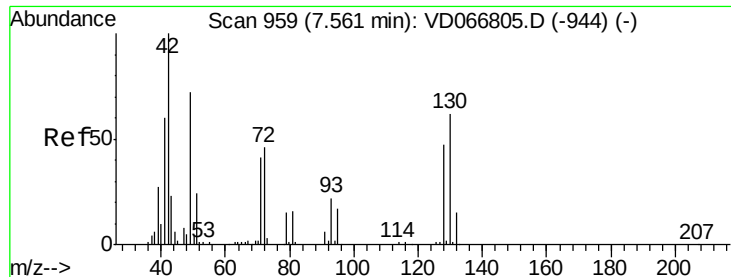


#28

Bromochloromethane
 Concen: 54.021 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 49 Resp: 181287
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 82.4 65.9 98.9

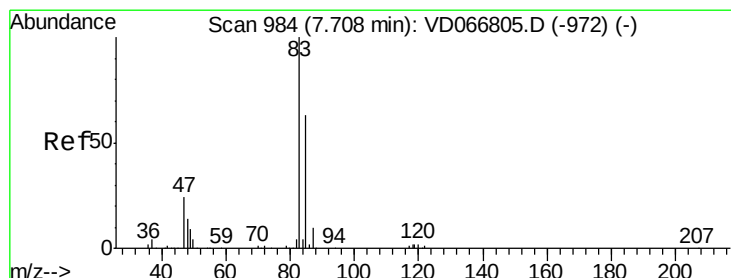
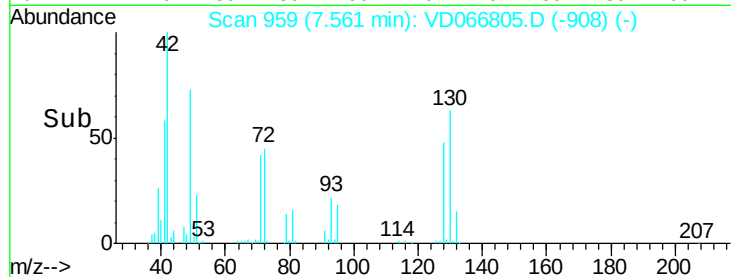
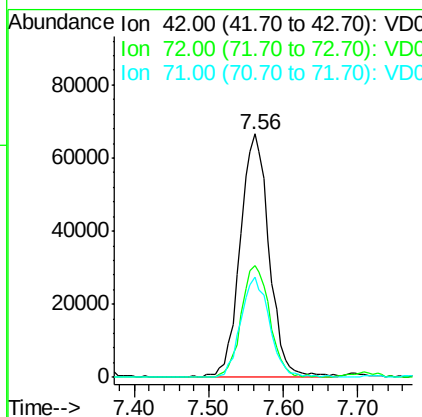
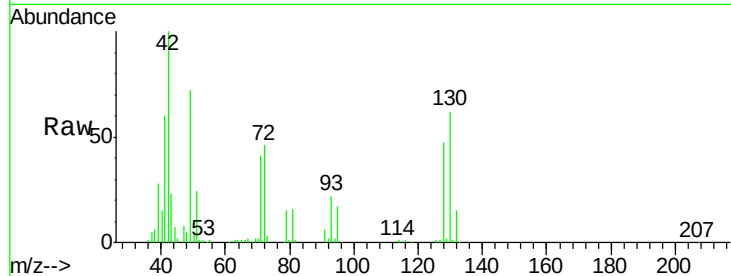




#29
Tetrahydrofuran
Concen: 247.372 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

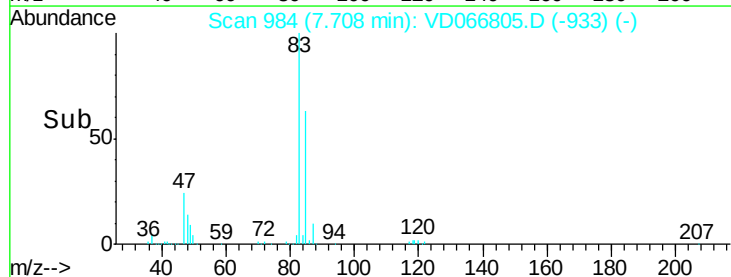
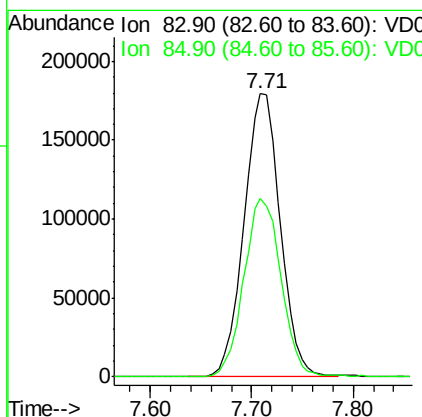
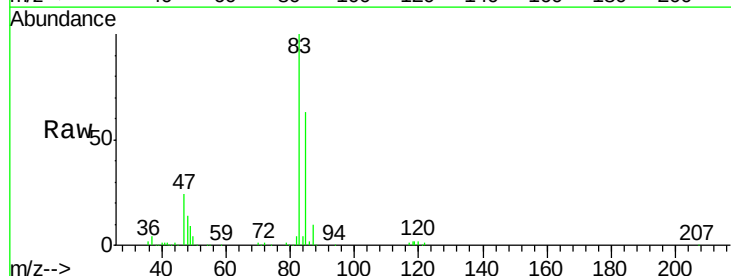
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

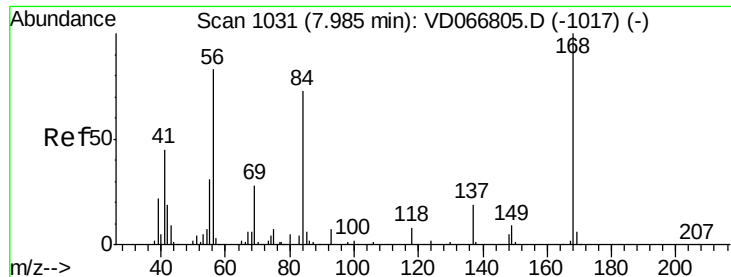
Tgt Ion: 42 Resp: 179842
Ion Ratio Lower Upper
42 100
72 45.3 36.2 54.4
71 40.5 32.4 48.6



#30
Chloroform
Concen: 47.912 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 83 Resp: 445276
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8

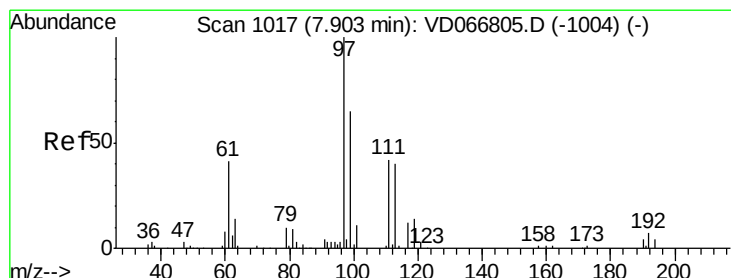
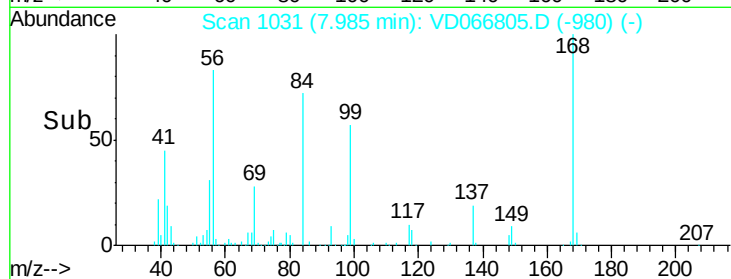
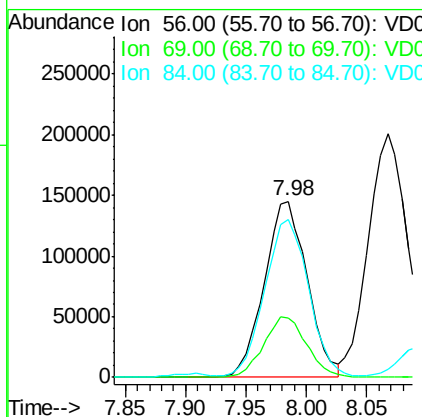
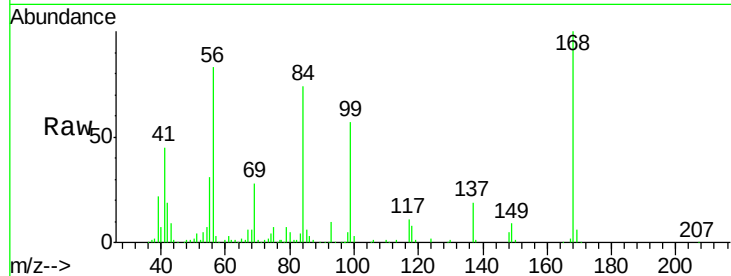




#31
Cyclohexane
Concen: 45.340 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

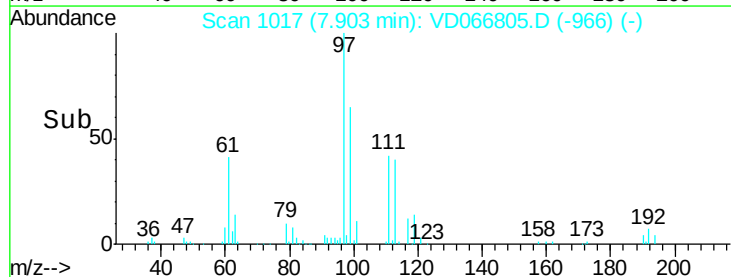
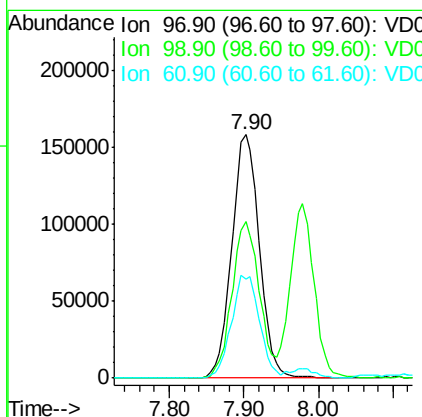
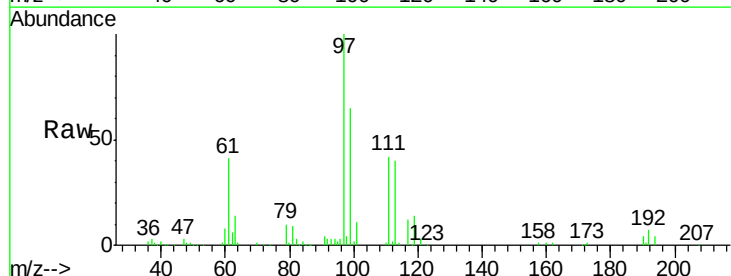
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

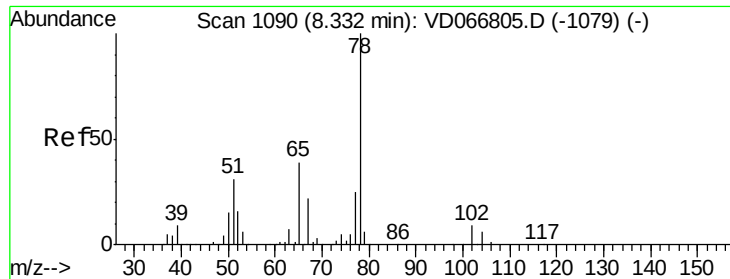
Tgt Ion: 56 Resp: 358209
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 87.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 47.856 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 97 Resp: 406884
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 42.8 34.2 51.4

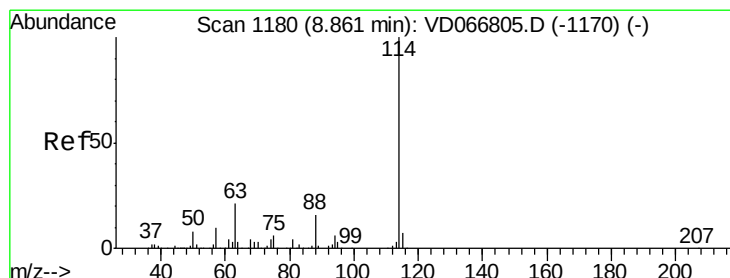
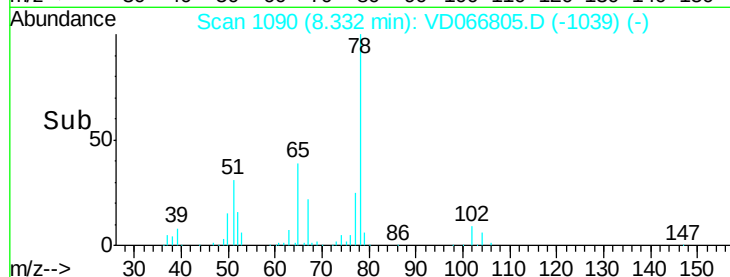
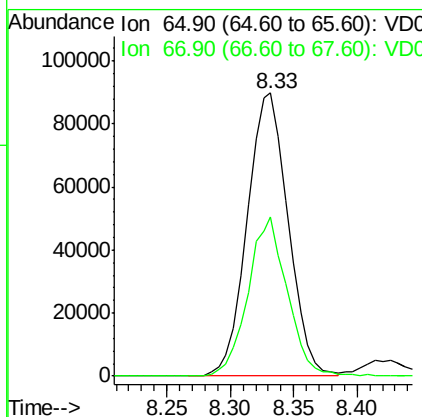
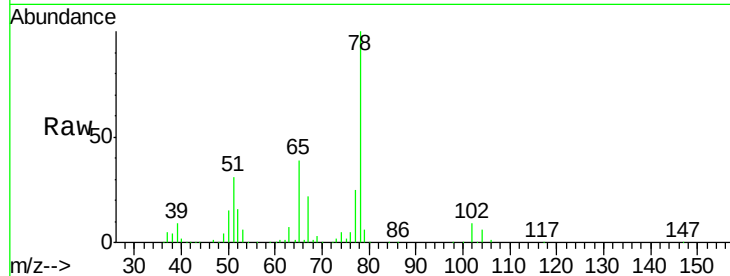




#33
 1,2-Dichloroethane-d4
 Concen: 45.361 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

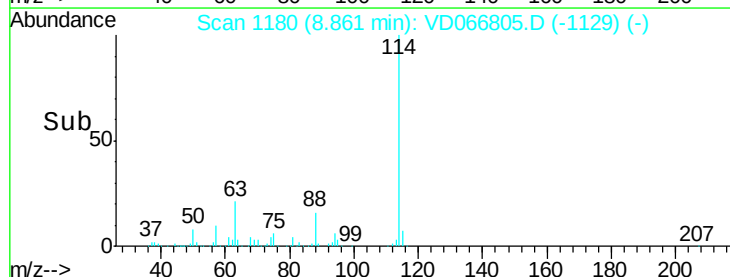
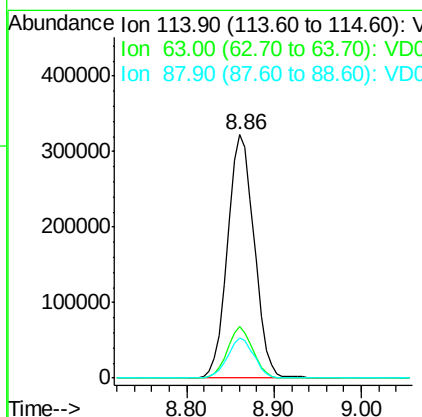
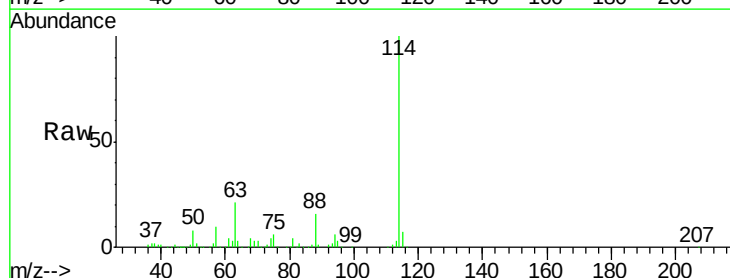
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

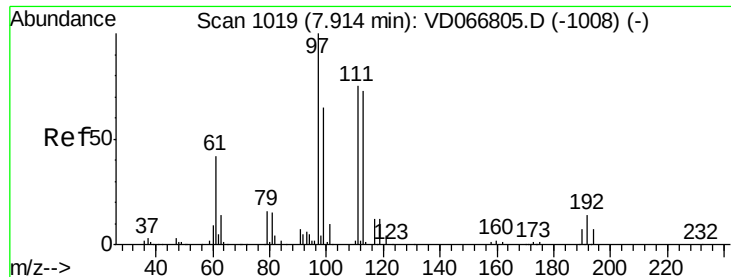
Tgt Ion: 65 Resp: 201762
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 114 Resp: 669652
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 16.3 0.0 32.6

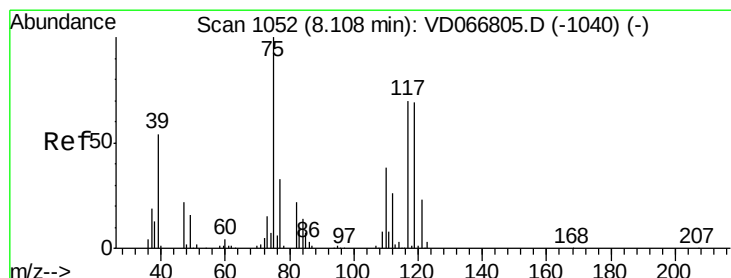
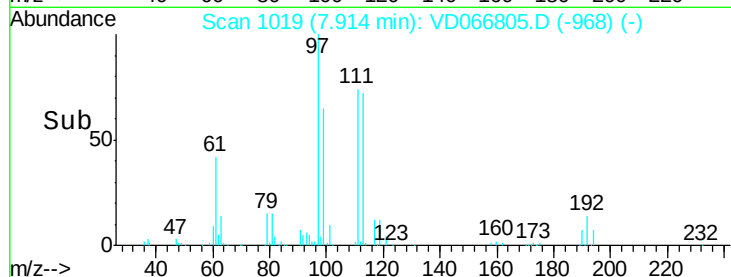
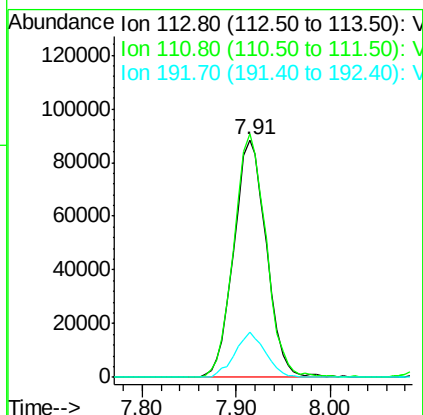
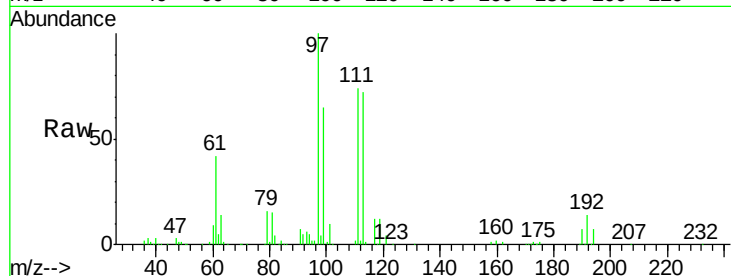




#35
 Dibromofluoromethane
 Concen: 51.488 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

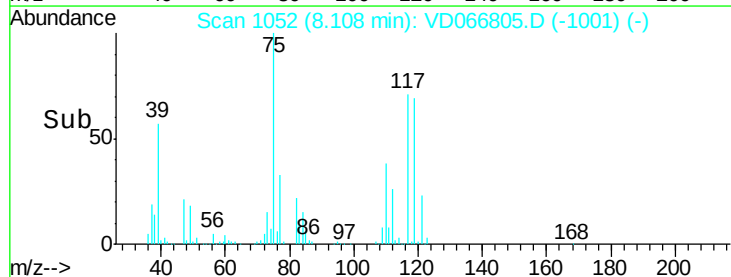
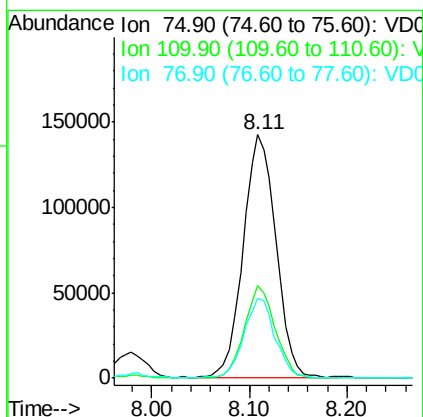
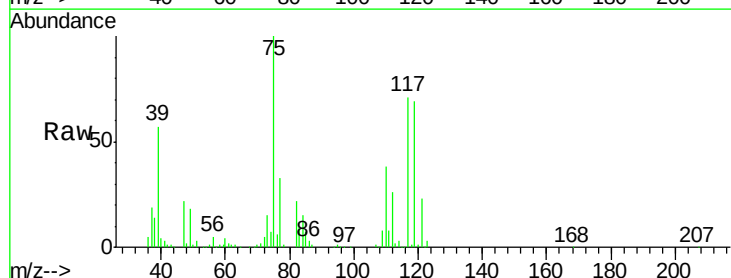
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

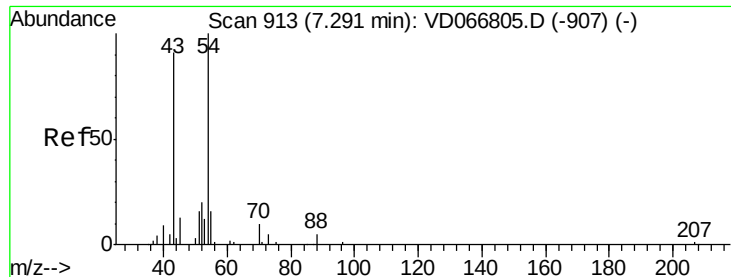
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.0	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 48.781 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.3	25.0	37.6

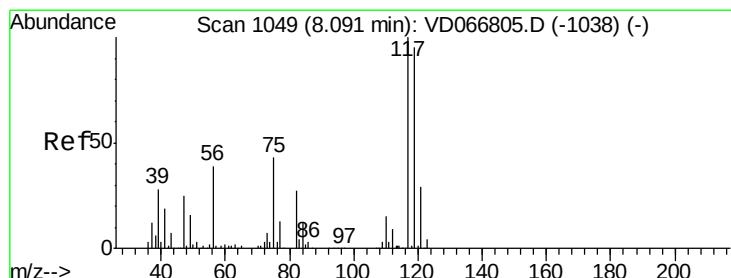
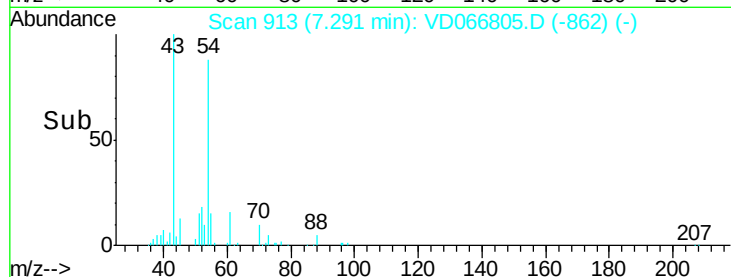
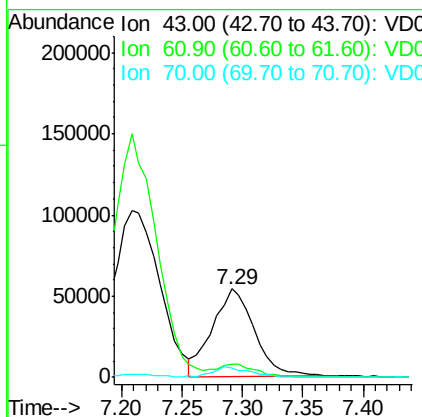
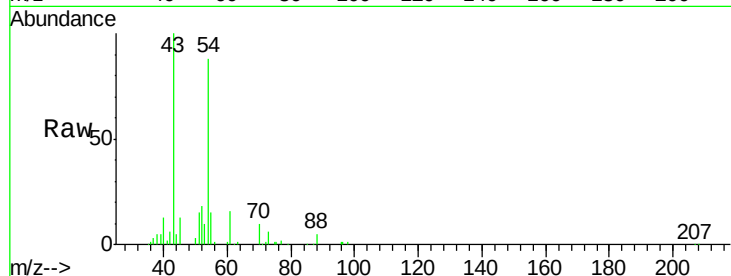




#37
Ethyl Acetate
Concen: 50.474 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

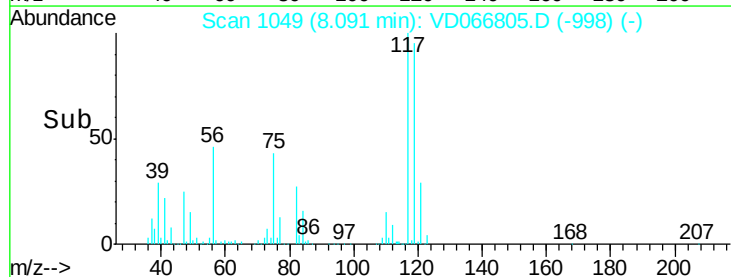
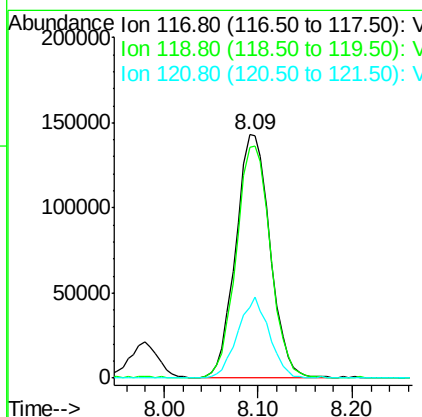
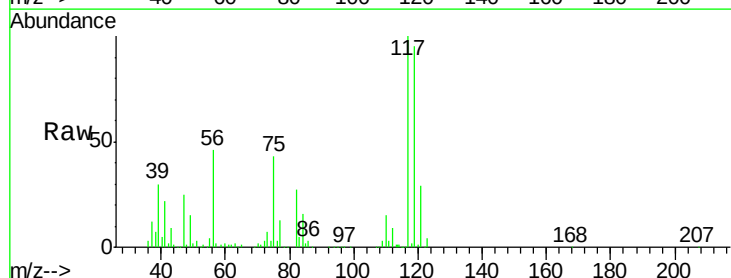
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

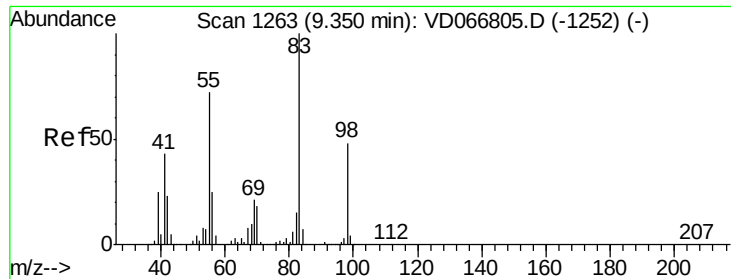
Tgt Ion: 43 Resp: 130948
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.8
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.235 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 117 Resp: 359533
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 29.2 23.4 35.0

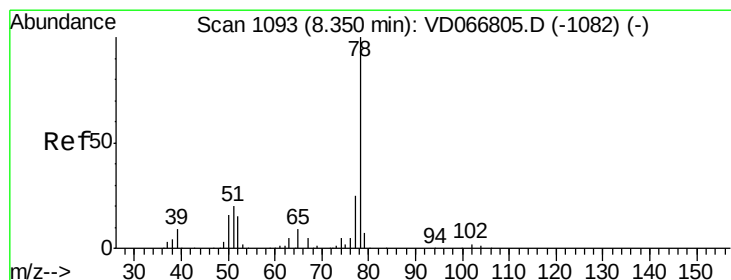
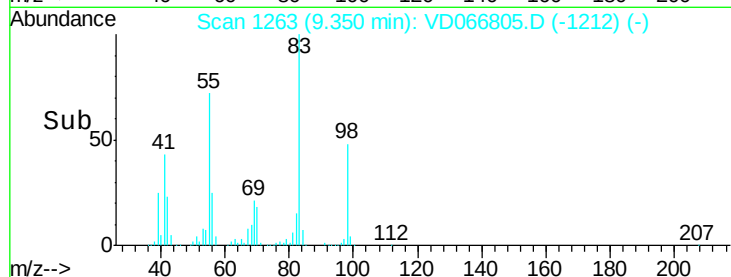
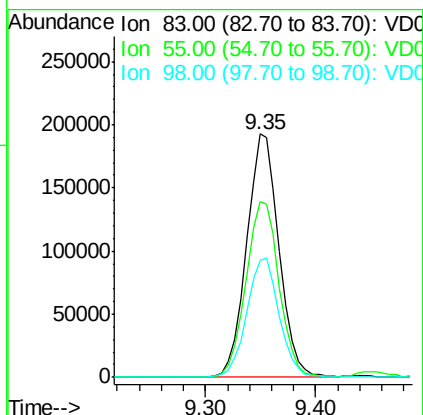
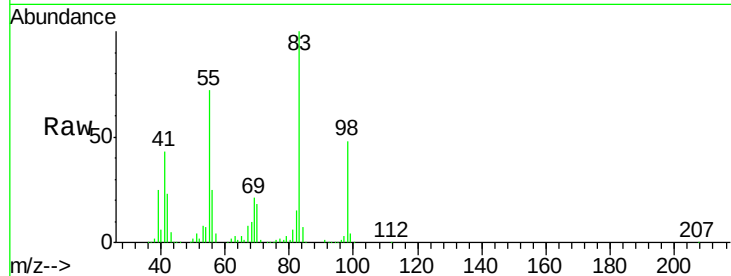




#39
Methylcyclohexane
Concen: 50.549 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

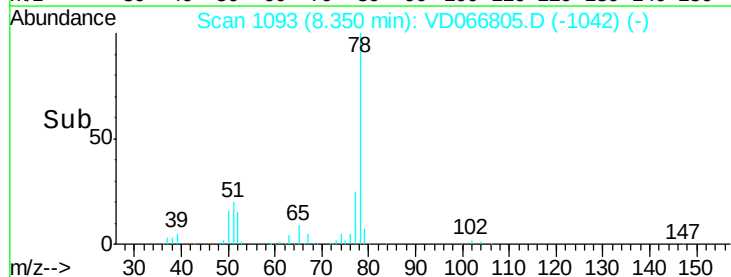
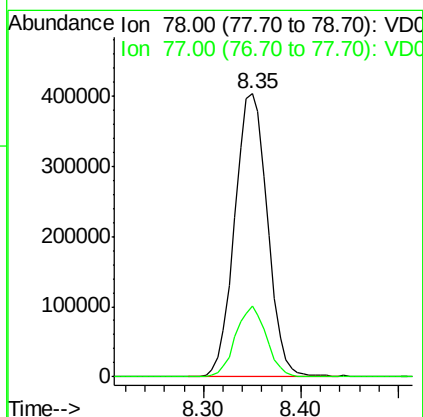
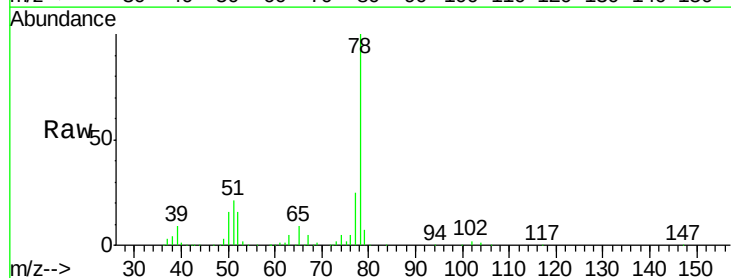
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

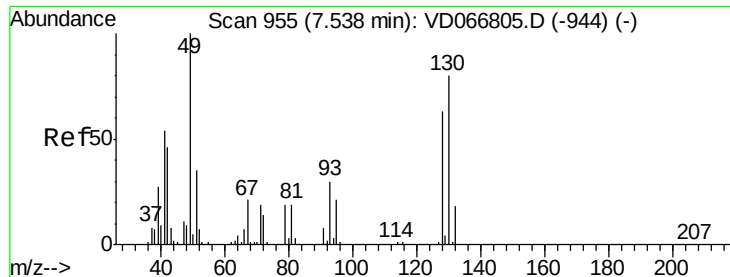
Tgt Ion: 83 Resp: 396519
Ion Ratio Lower Upper
83 100
55 72.1 57.7 86.5
98 48.0 38.4 57.6



#40
Benzene
Concen: 50.639 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 78 Resp: 944719
Ion Ratio Lower Upper
78 100
77 24.9 19.9 29.9

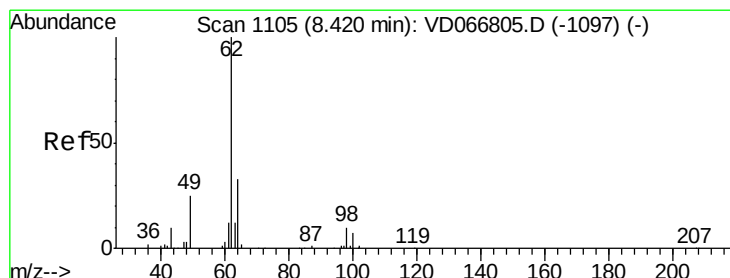
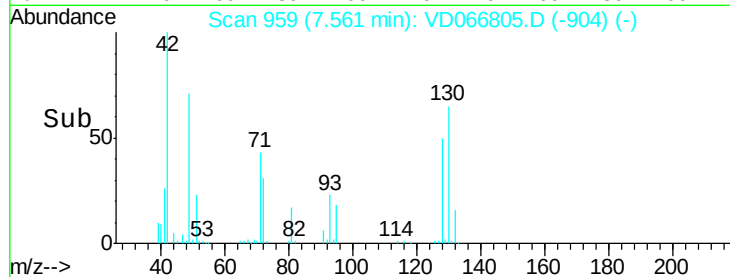
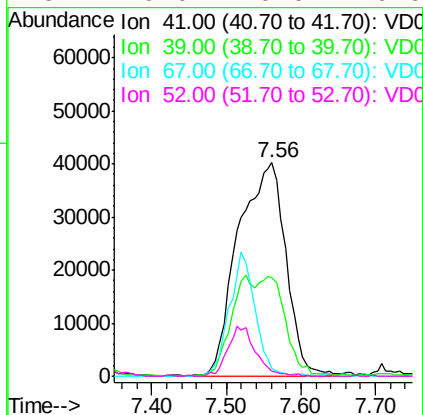
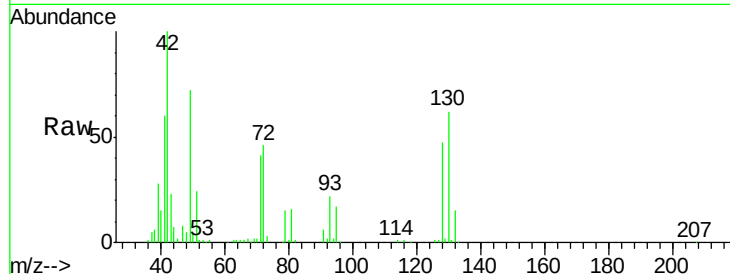




#41
Methacrylonitrile
Concen: 127.549 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

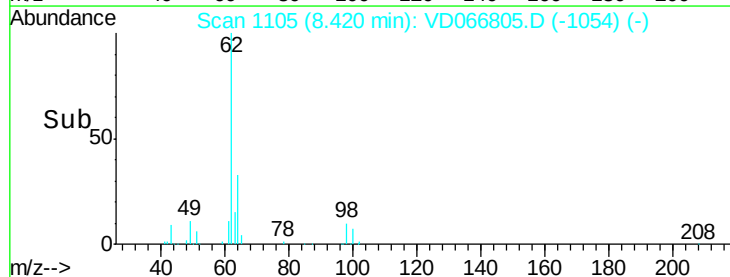
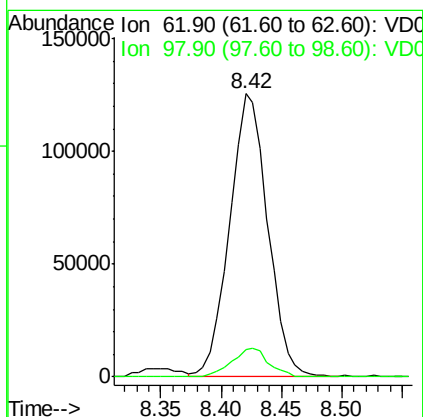
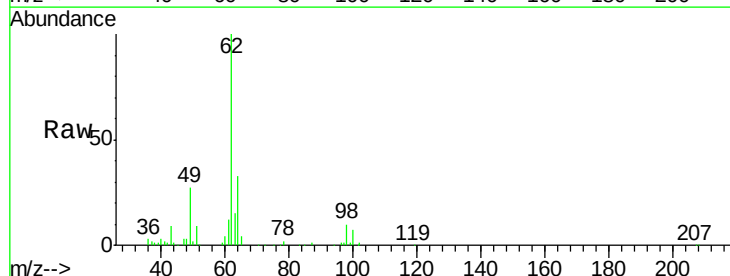
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

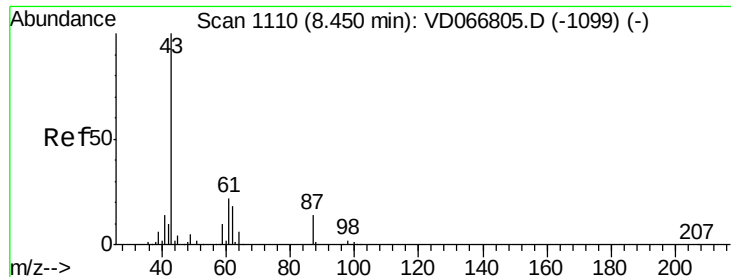
Tgt Ion:	41	Resp:	178807
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.871 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion:	62	Resp:	274027
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.981 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

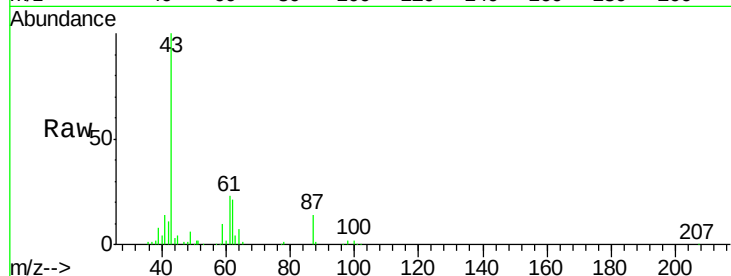
Tgt Ion: 43 Resp: 244616

Ion Ratio Lower Upper

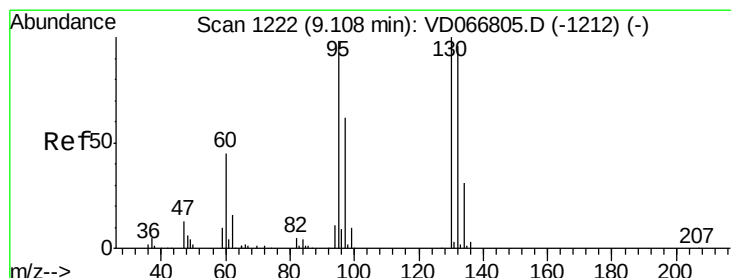
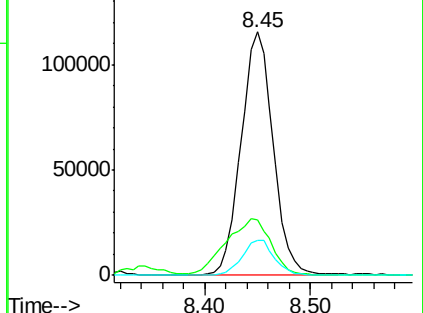
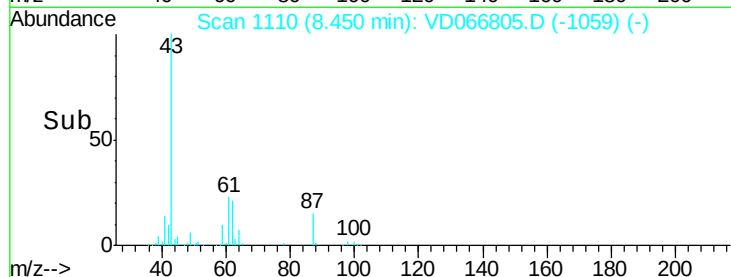
43 100

61 32.8 26.2 39.4

87 14.4 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: 52.077 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066805.D

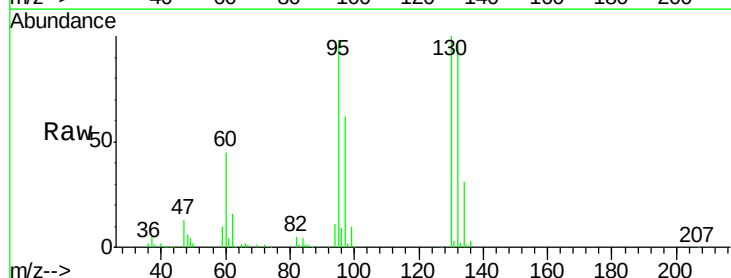
Acq: 22 Sep 2020 12:11

Tgt Ion: 130 Resp: 261886

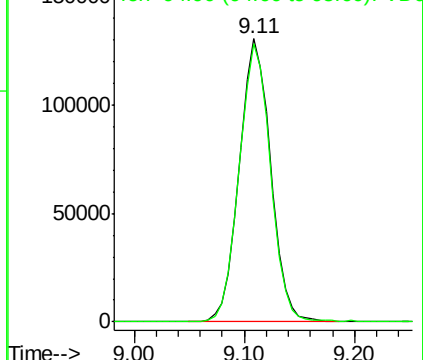
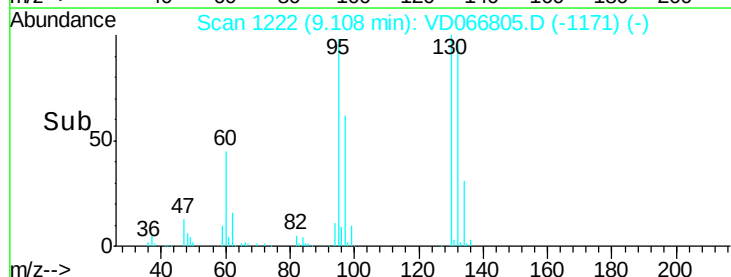
Ion Ratio Lower Upper

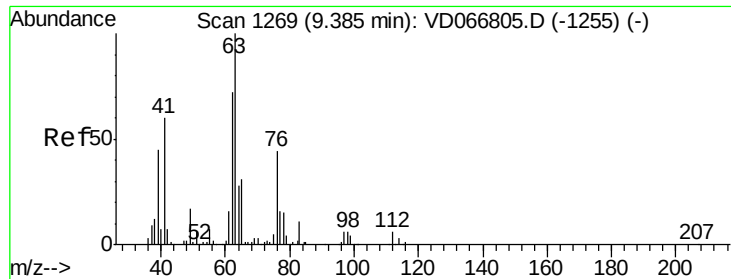
130 100

95 98.5 0.0 197.0



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

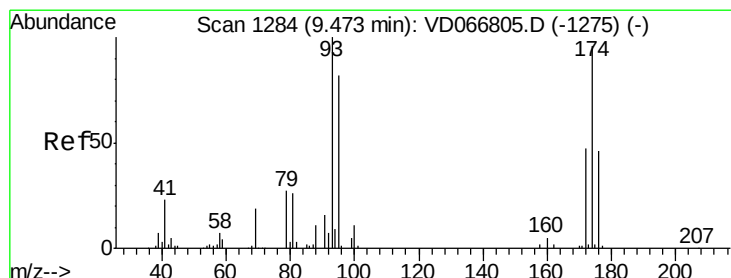
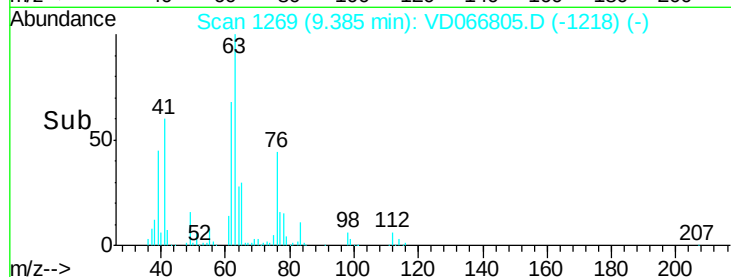
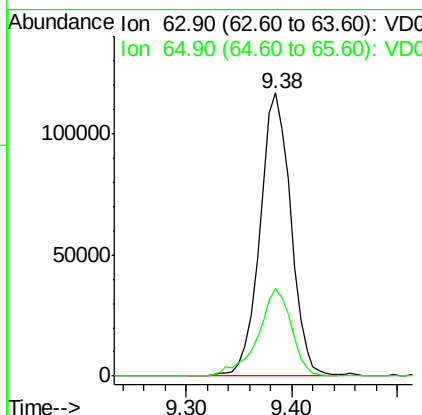
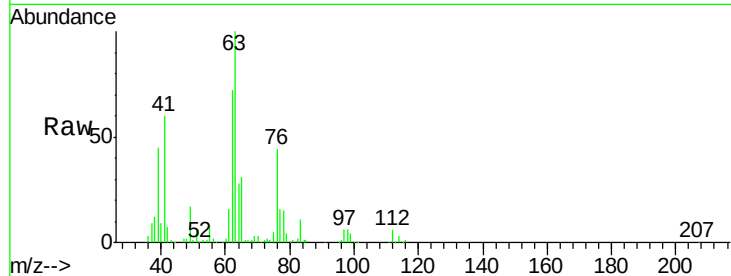




#45
 1,2-Dichloropropane
 Concen: 51.403 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

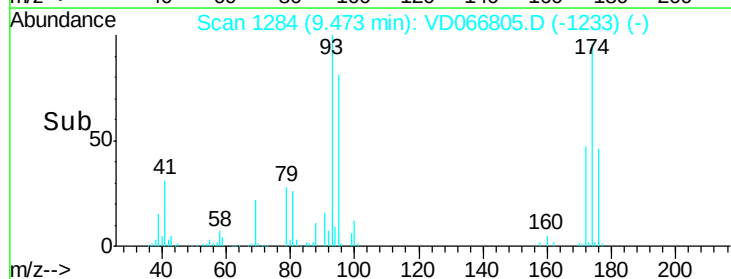
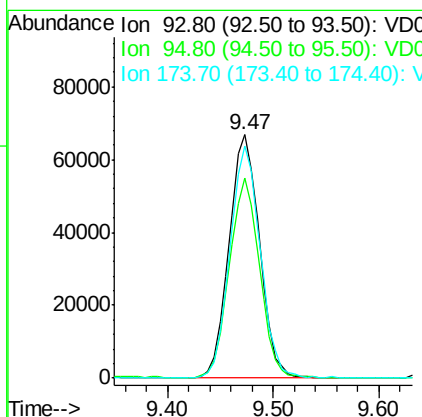
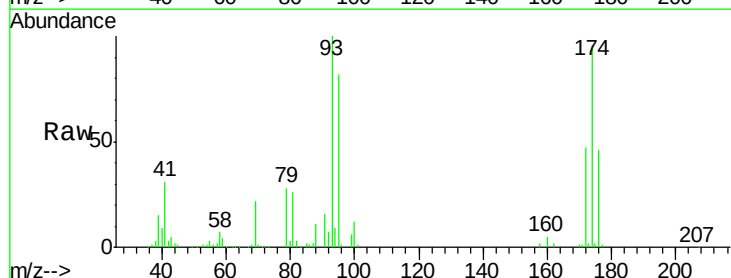
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

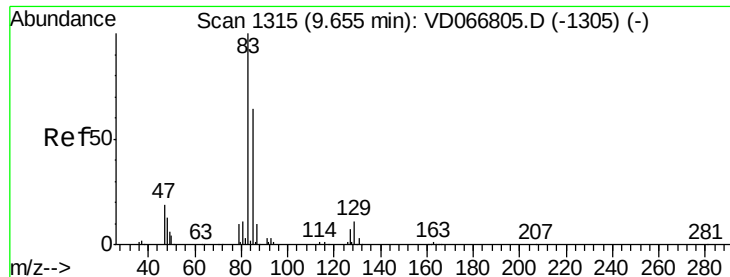
Tgt Ion: 63 Resp: 238077
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 52.256 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 93 Resp: 133294
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.3 97.9
 174 94.3 75.4 113.2

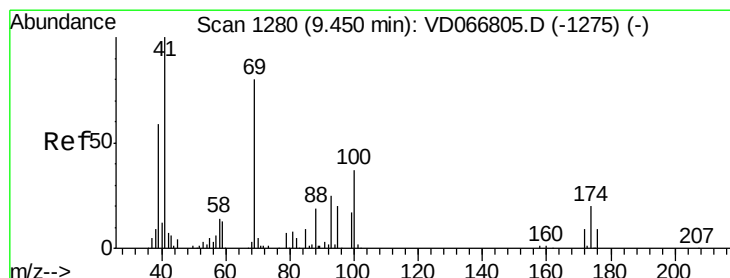
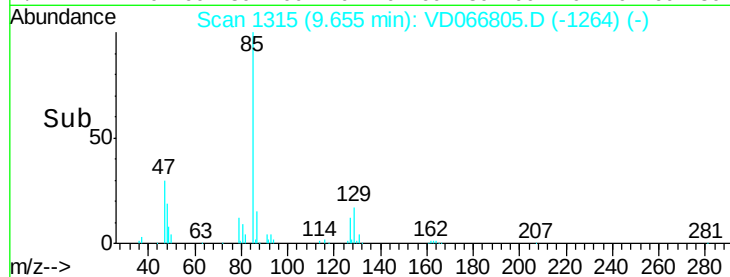
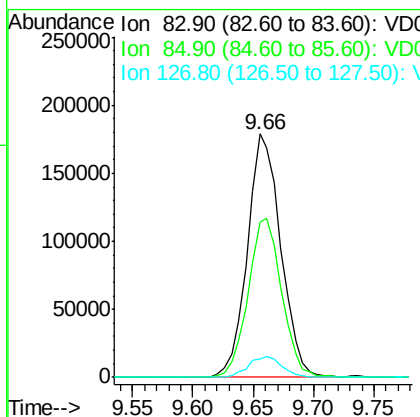
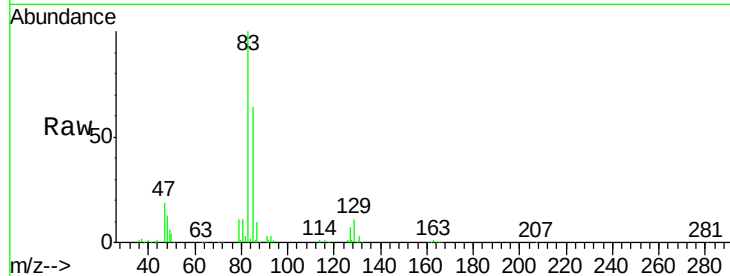




#47
 Bromodichloromethane
 Concen: 49.840 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

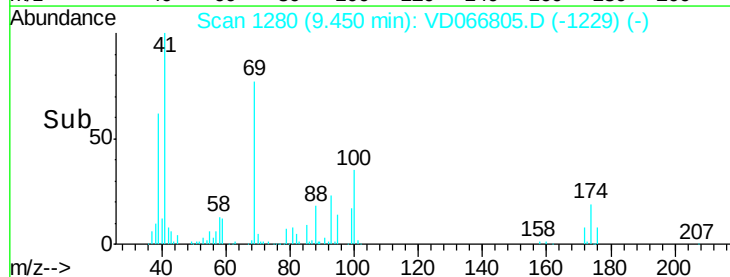
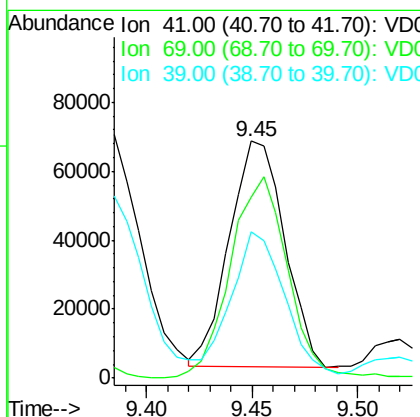
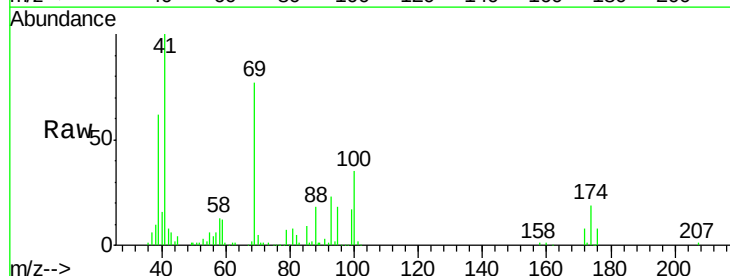
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

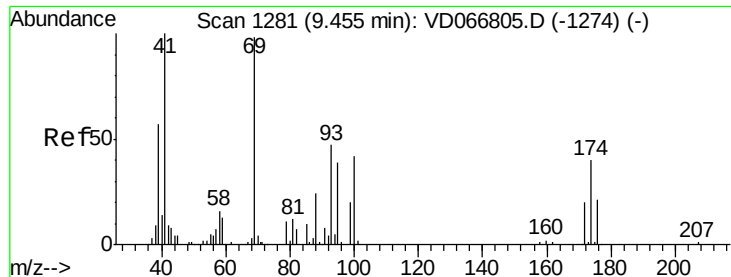
Tgt Ion: 83 Resp: 343715
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.9 76.3
 127 7.4 5.9 8.9



#48
 Methyl methacrylate
 Concen: 48.690 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 41 Resp: 119254
 Ion Ratio Lower Upper
 41 100
 69 93.1 74.5 111.7
 39 58.8 47.0 70.6

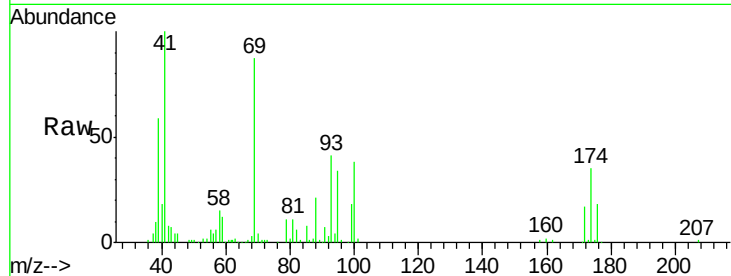




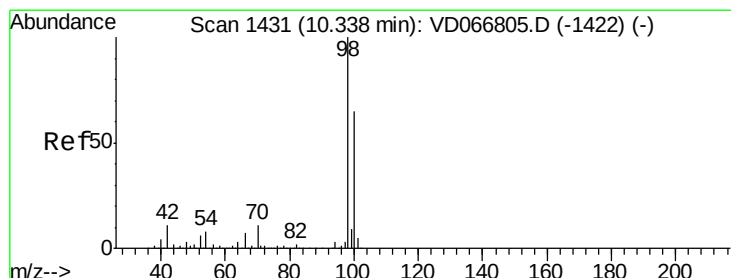
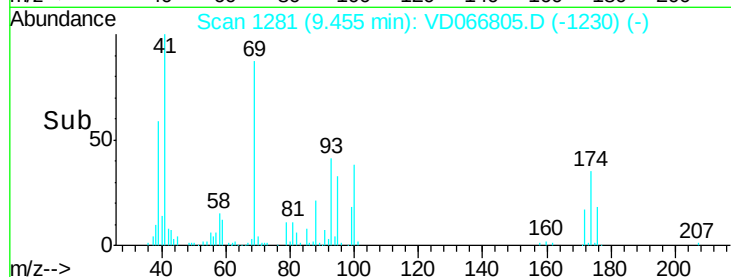
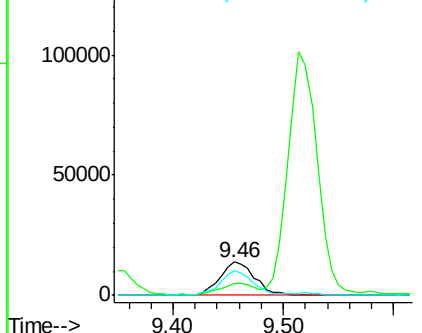
#49
 1,4-Dioxane
 Concen: 1125.347 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 30804
 Ion Ratio Lower Upper
 88 100
 43 34.6 27.7 41.5
 58 69.4 55.5 83.3

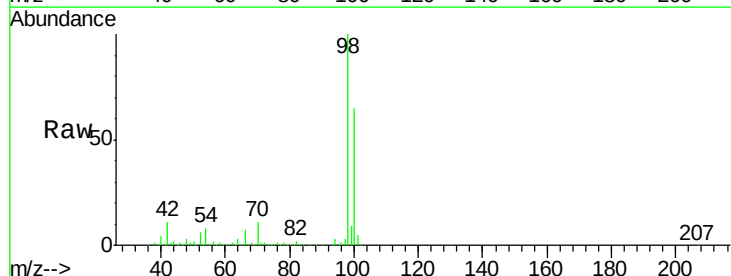


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

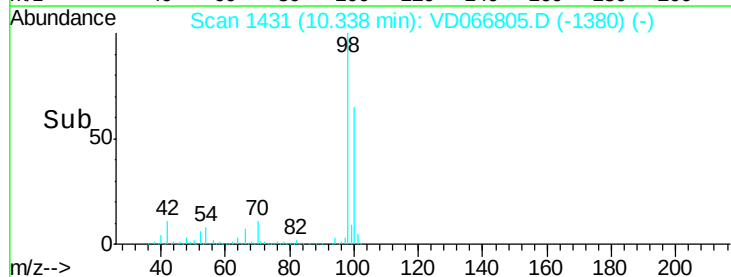
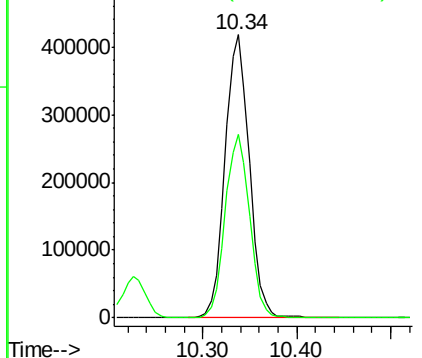


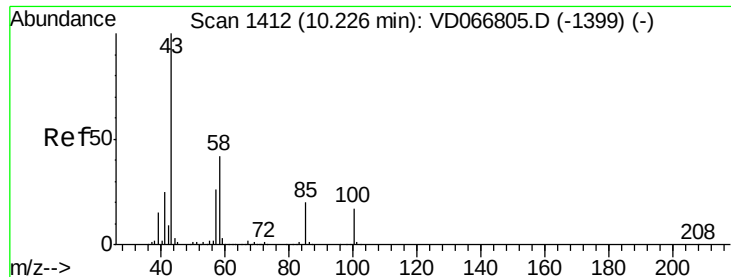
#50
 Toluene-d8
 Concen: 51.382 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 98 Resp: 748786
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.2 78.2



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

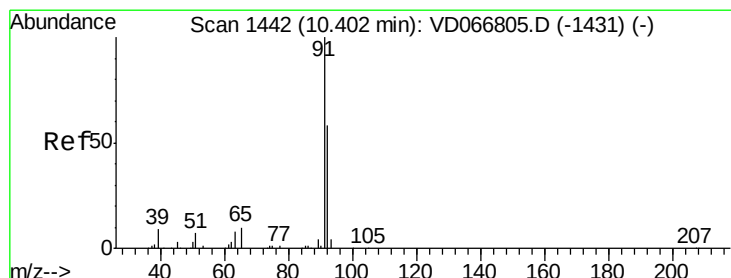
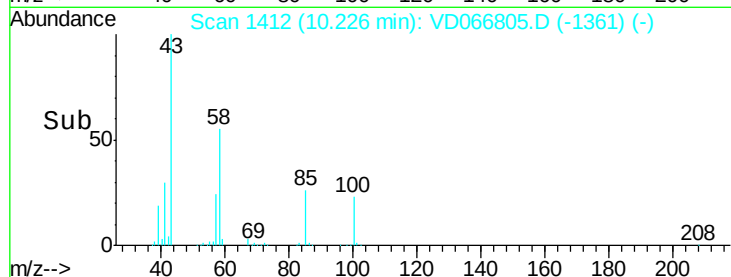
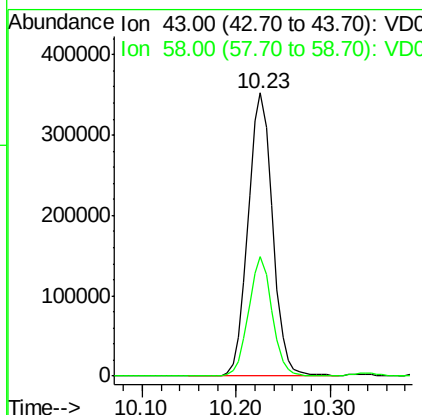
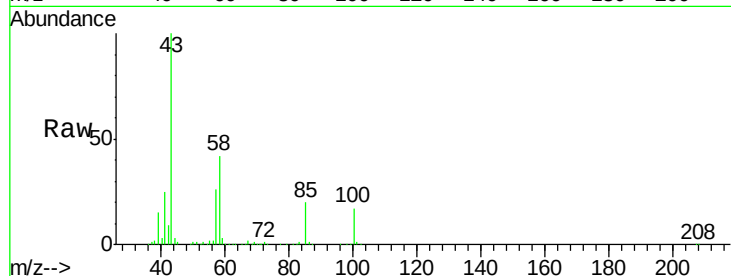




#51
 4-Methyl-2-Pentanone
 Concen: 253.378 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

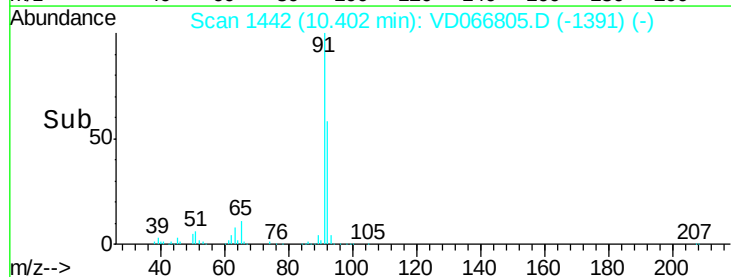
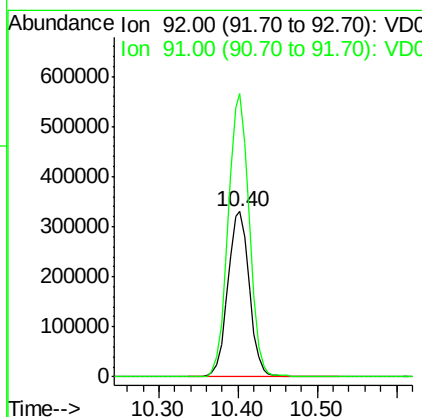
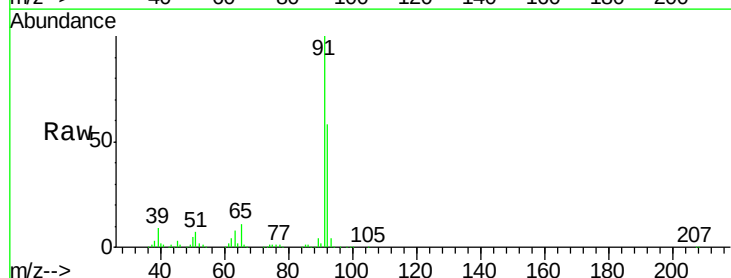
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

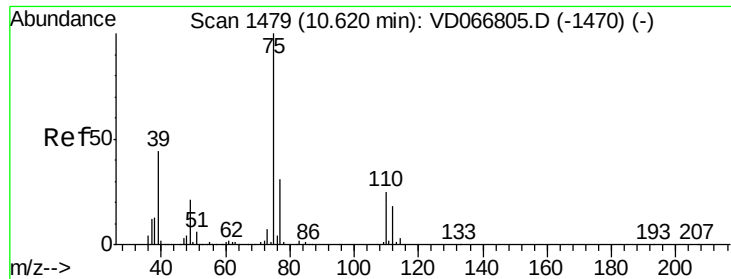
Tgt Ion: 43 Resp: 637937
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4



#52
 Toluene
 Concen: 51.547 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 92 Resp: 616288
 Ion Ratio Lower Upper
 92 100
 91 168.3 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 50.368 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

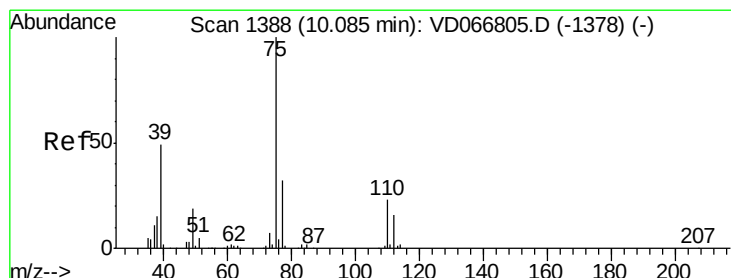
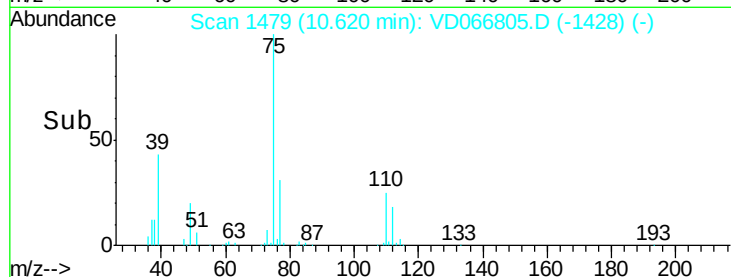
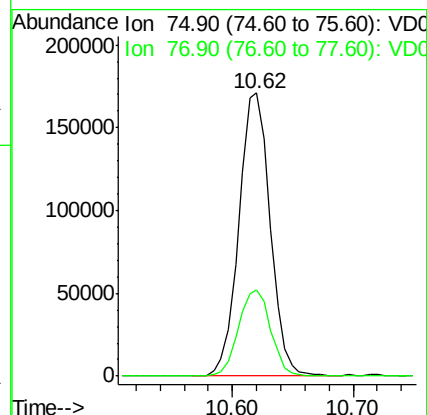
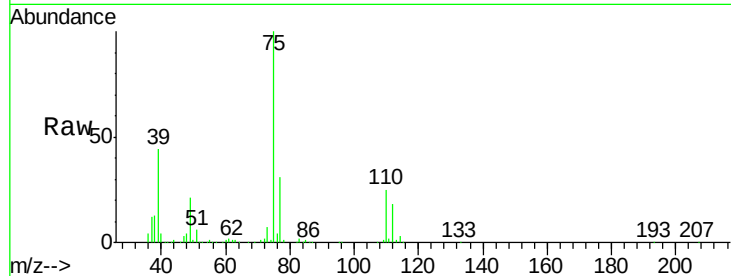
VSTDICCC050

Tgt Ion: 75 Resp: 309229

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.847 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

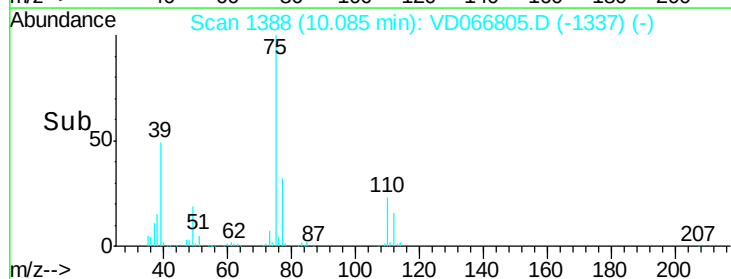
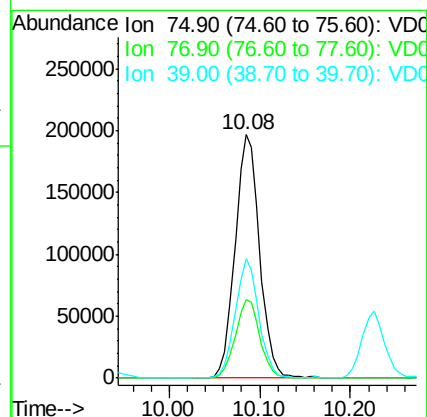
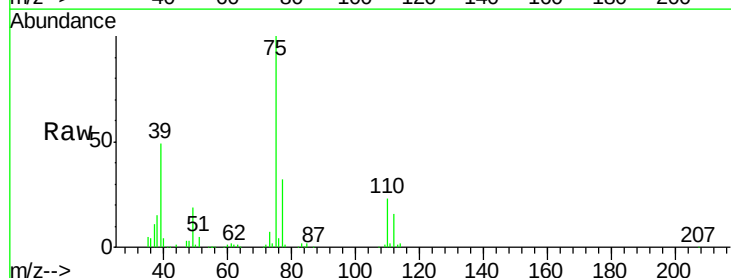
Tgt Ion: 75 Resp: 370838

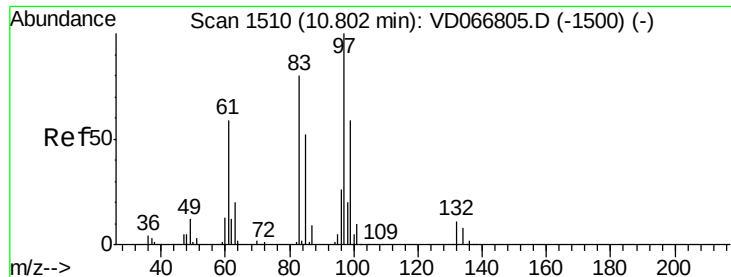
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 49.0 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.817 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 175111

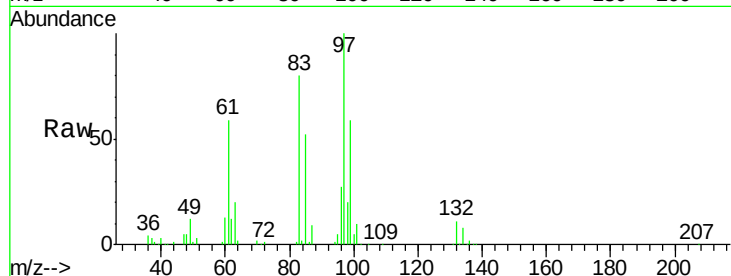
Ion Ratio Lower Upper

97 100

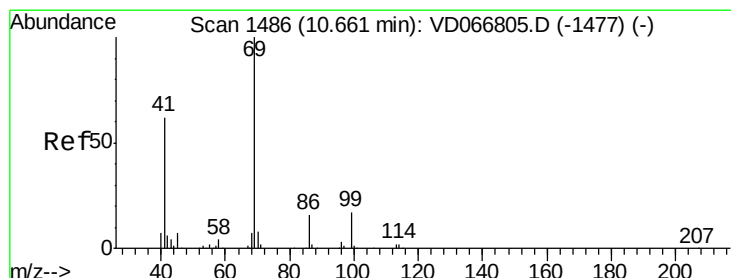
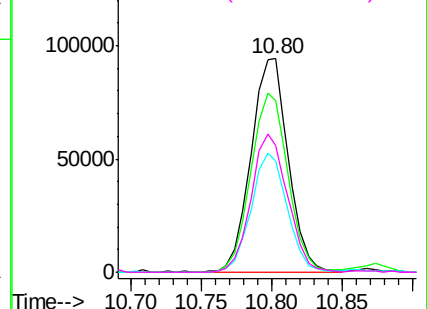
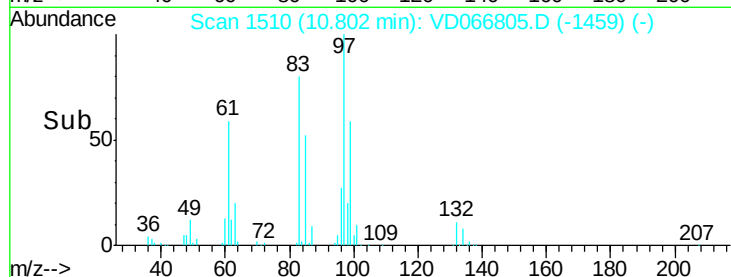
83 80.2 64.2 96.2

85 52.4 41.9 62.9

99 59.4 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: 54.640 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

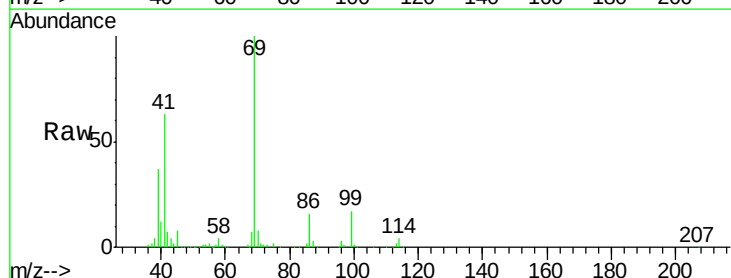
Tgt Ion: 69 Resp: 206827

Ion Ratio Lower Upper

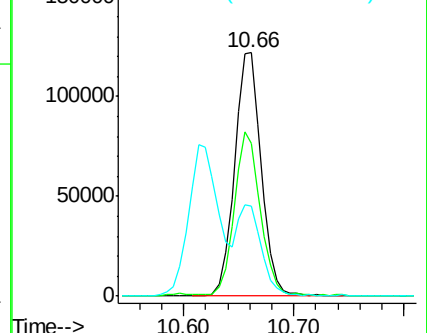
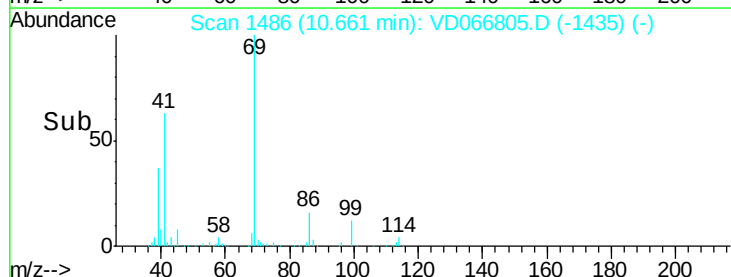
69 100

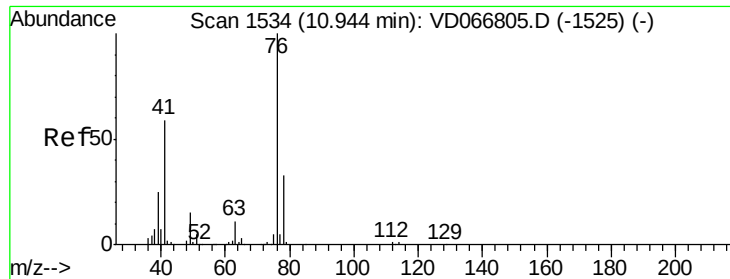
41 65.2 52.2 78.2

39 33.3 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

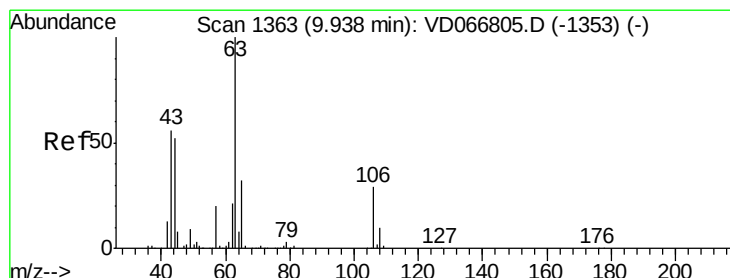
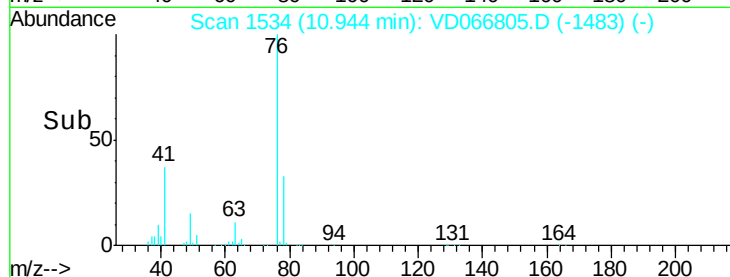
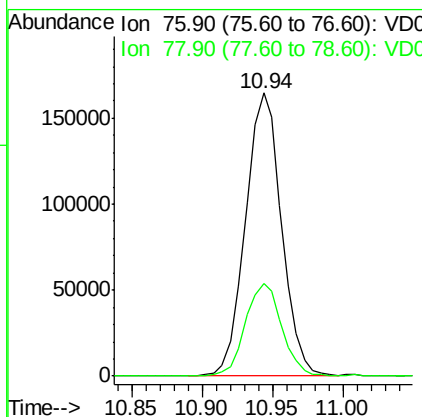
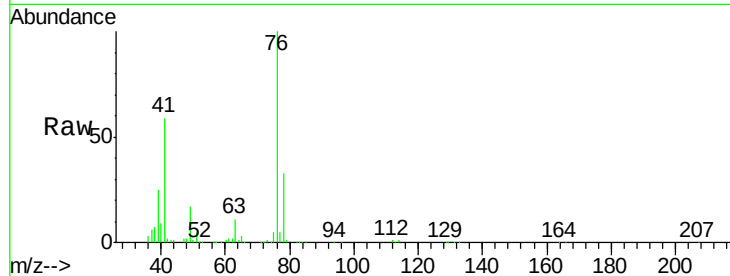




#57
 1,3-Dichloropropane
 Concen: 50.491 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

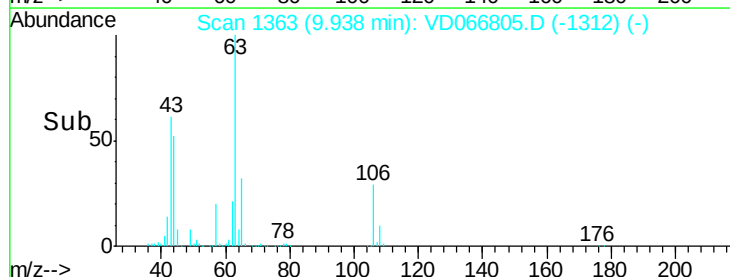
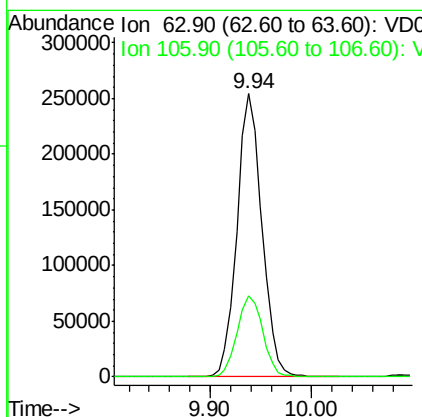
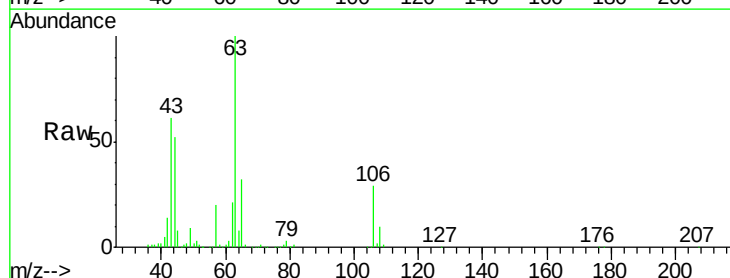
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

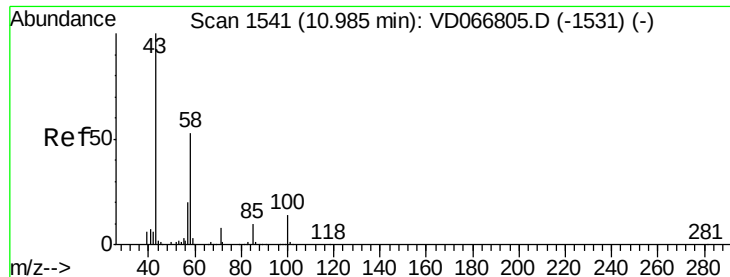
Tgt Ion: 76 Resp: 295544
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.979 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 63 Resp: 434752
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

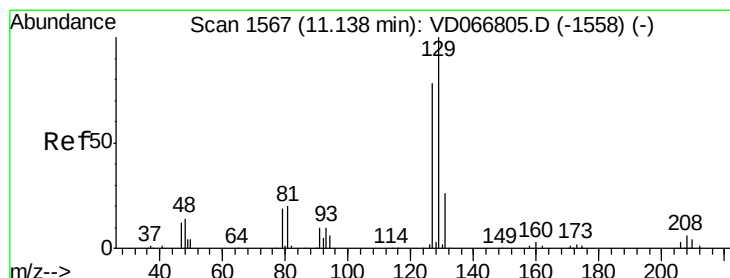
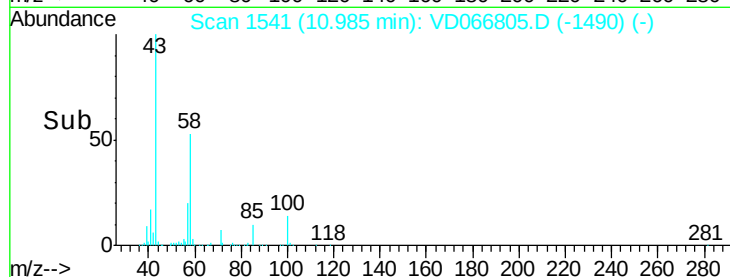
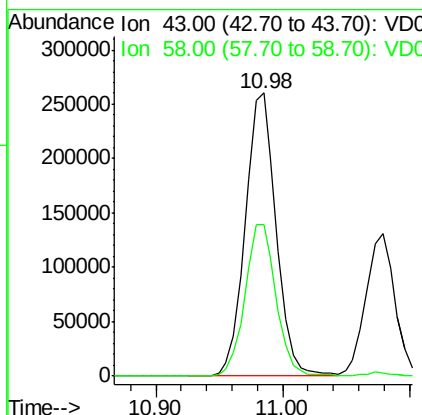
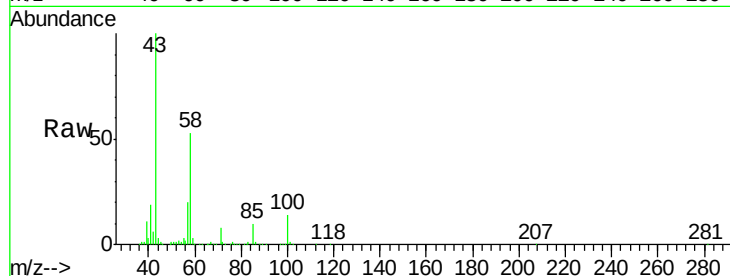




#59
2-Hexanone
Concen: 260.963 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

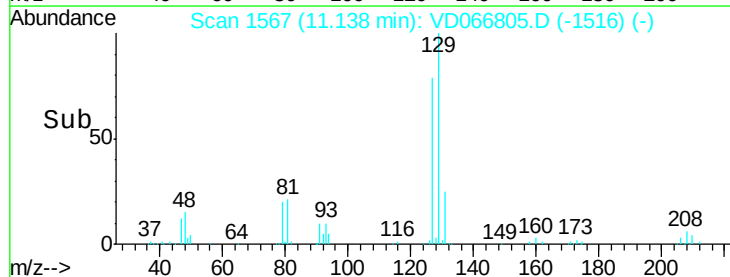
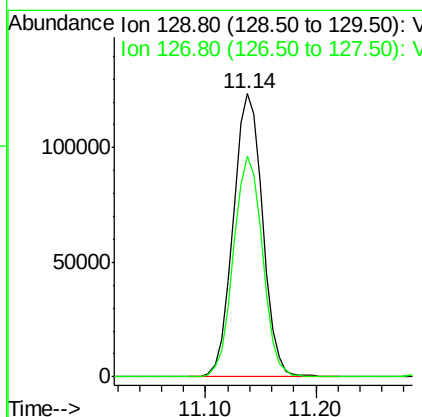
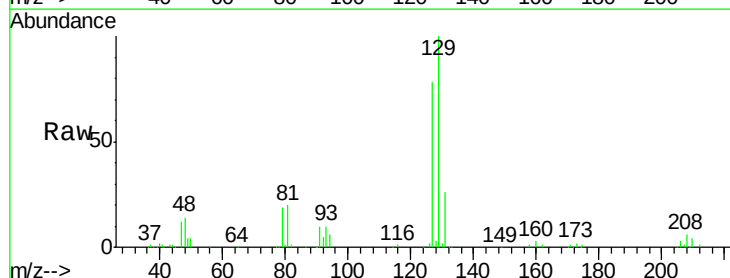
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

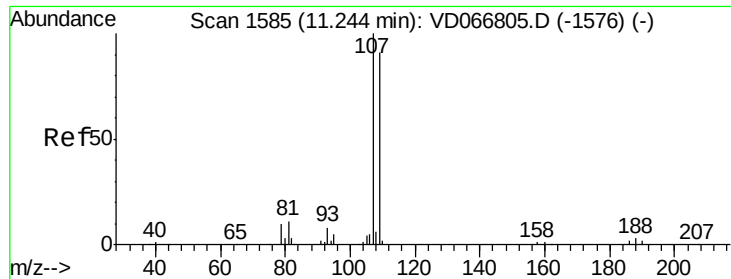
Tgt Ion: 43 Resp: 441528
Ion Ratio Lower Upper
43 100
58 53.9 27.0 80.8



#60
Dibromochloromethane
Concen: 52.781 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 129 Resp: 231018
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

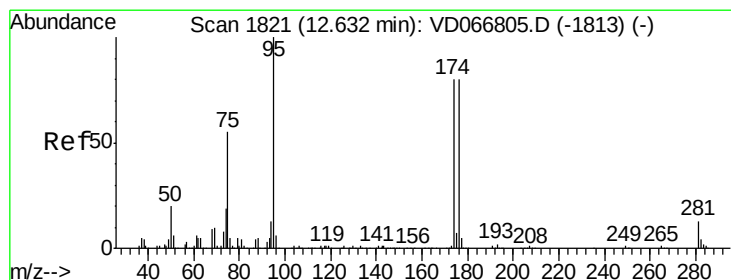
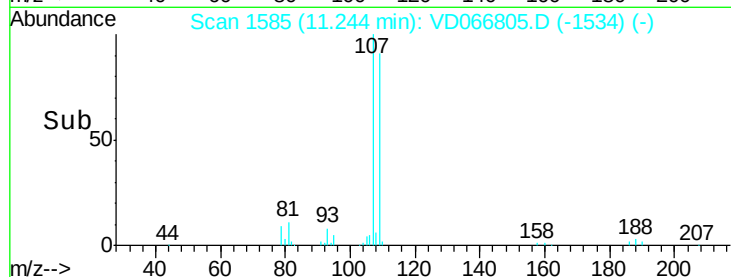
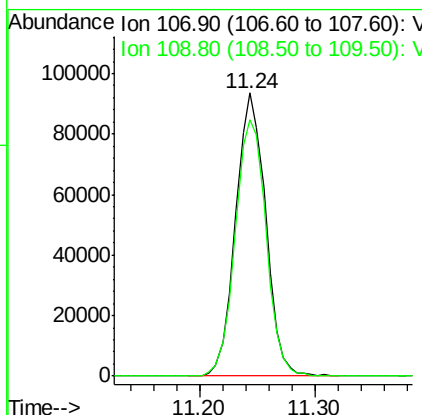
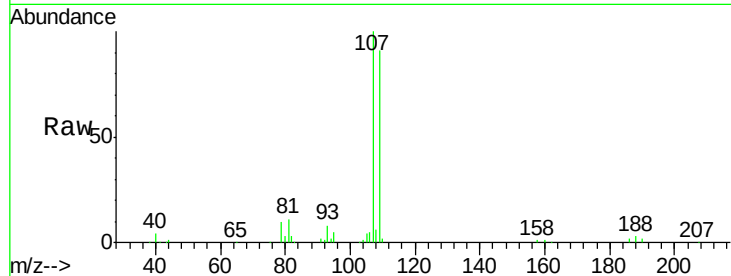




#61
 1,2-Dibromoethane
 Concen: 52.181 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

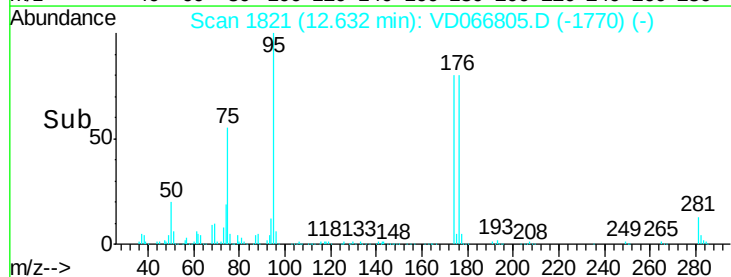
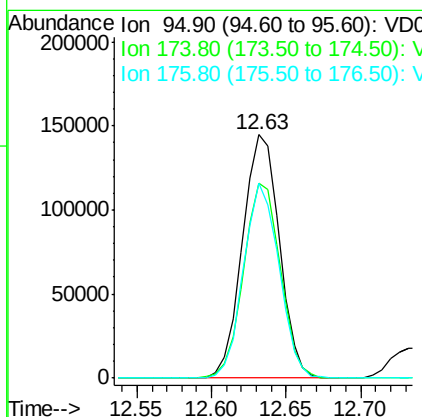
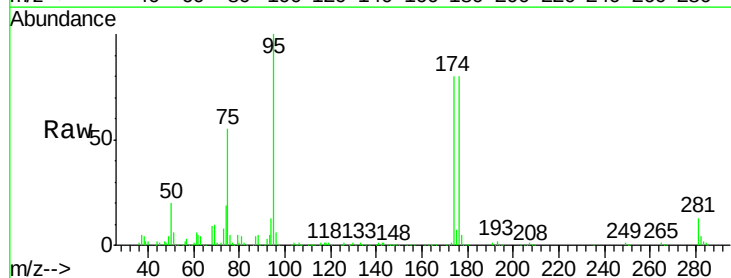
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

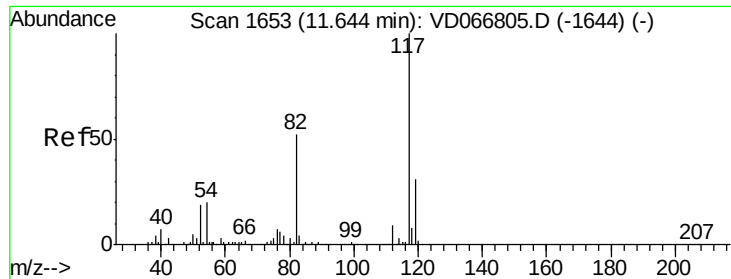
Tgt Ion: 107 Resp: 168231
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.927 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 95 Resp: 246639
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 159.8
 176 77.2 0.0 154.4

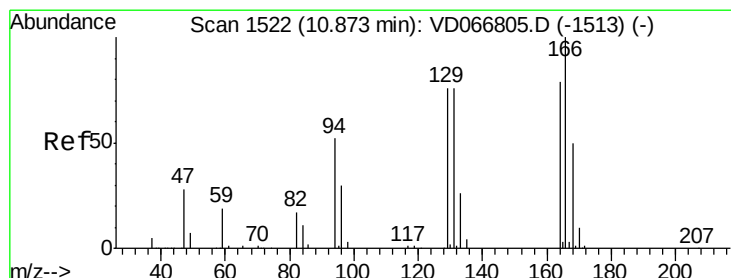
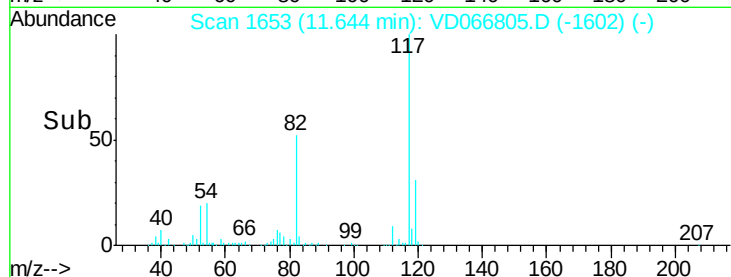
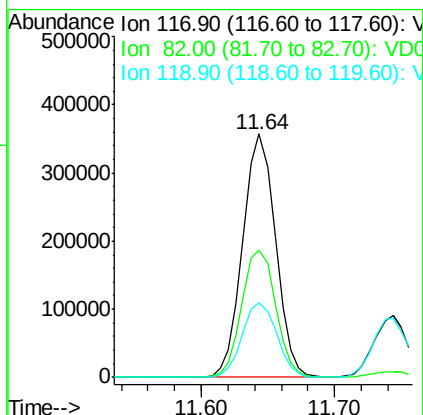
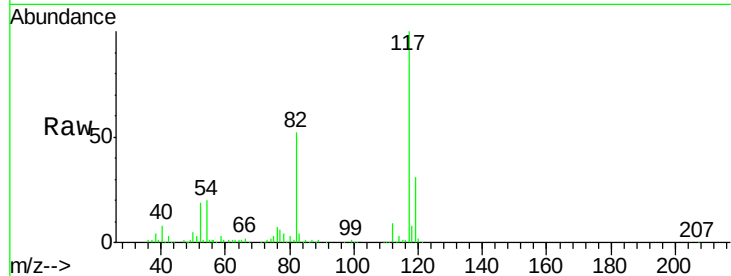




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

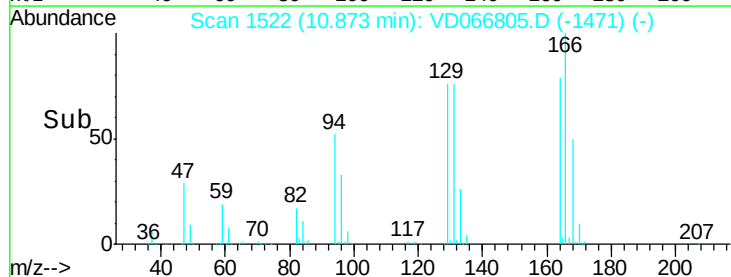
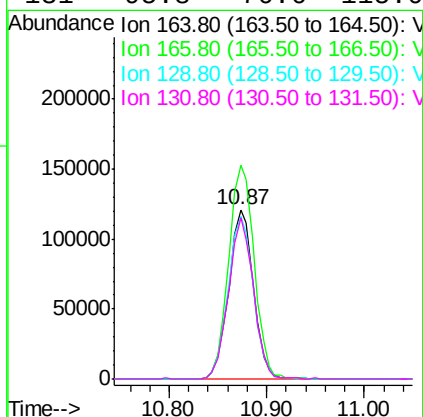
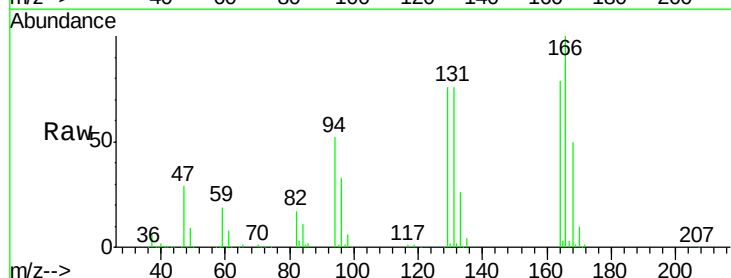
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

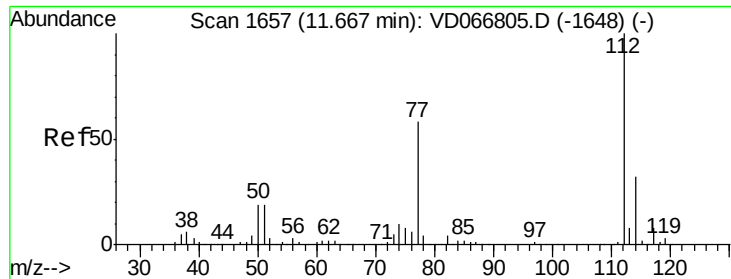
Tgt Ion:117 Resp: 609679
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 50.832 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion:164 Resp: 213091
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 96.2 77.0 115.4
131 95.8 76.6 115.0





#65

Chlorobenzene

Concen: 49.938 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

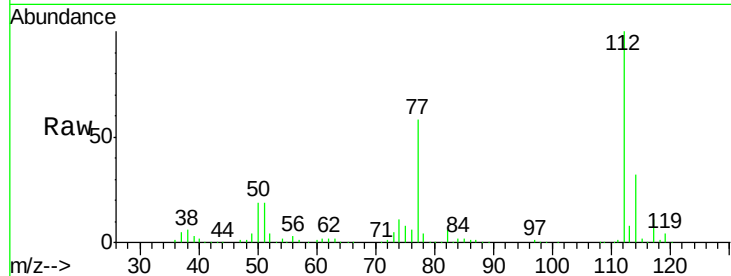
VSTDICCC050

Tgt Ion:112 Resp: 628884

Ion Ratio Lower Upper

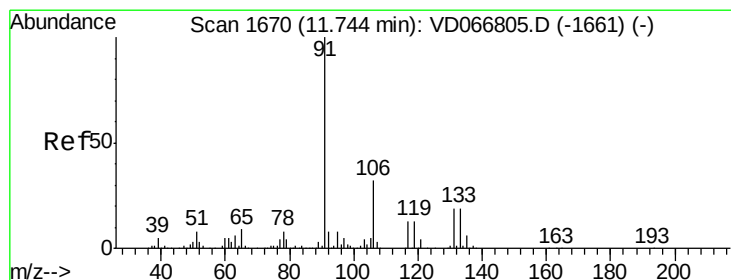
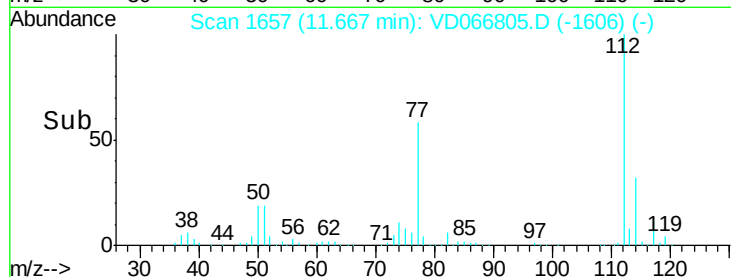
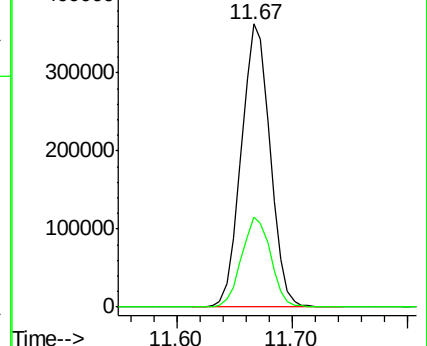
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.667 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

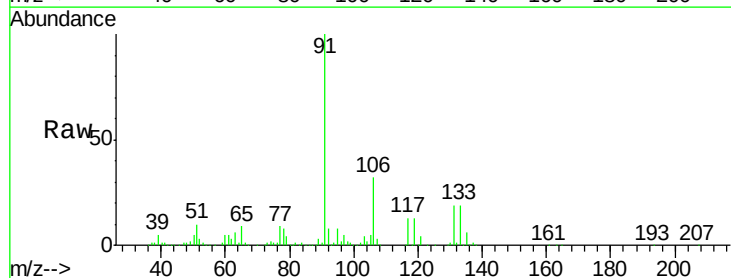
Tgt Ion:131 Resp: 242121

Ion Ratio Lower Upper

131 100

133 93.4 46.7 140.1

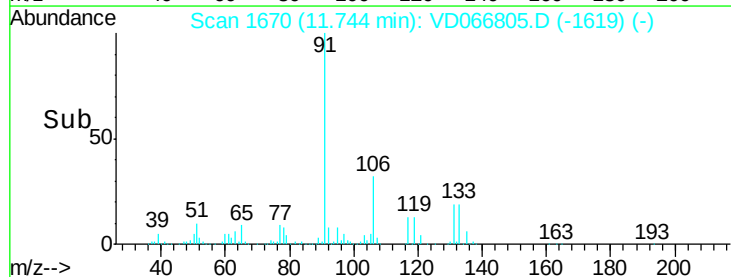
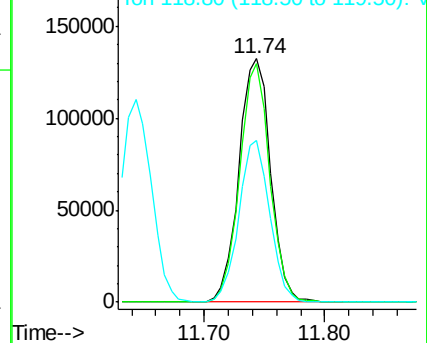
119 64.6 32.3 96.9

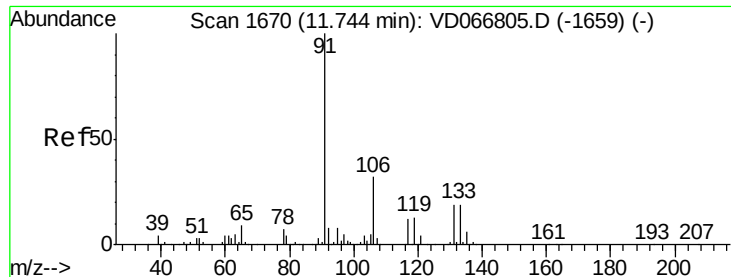


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

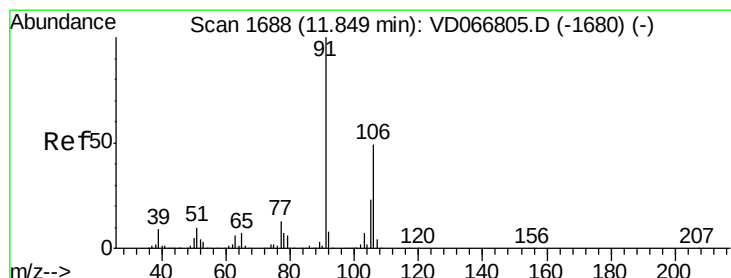
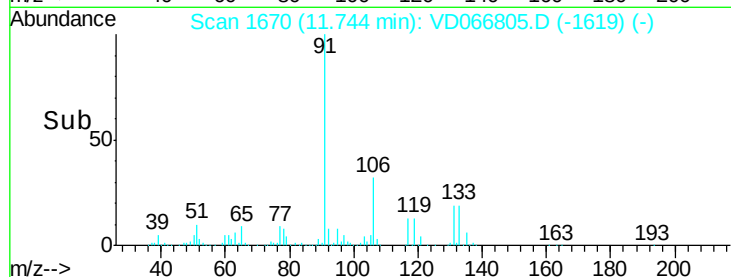
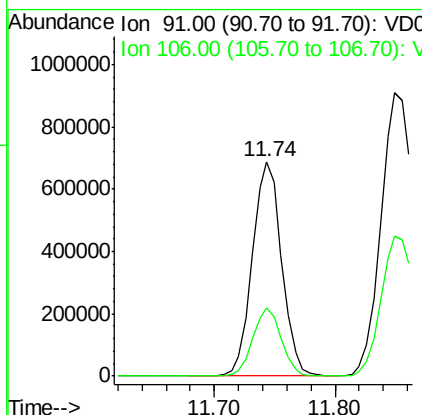
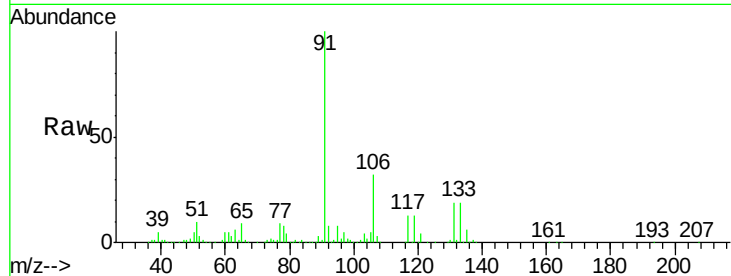




#67
Ethyl Benzene
Concen: 50.910 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

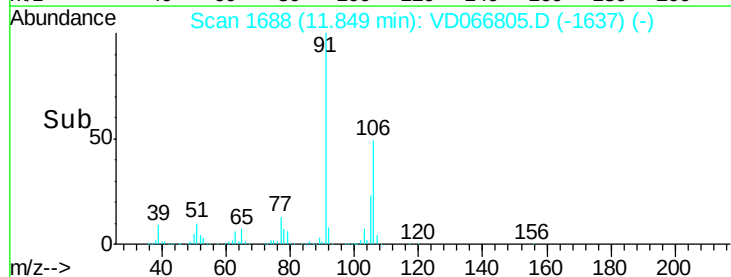
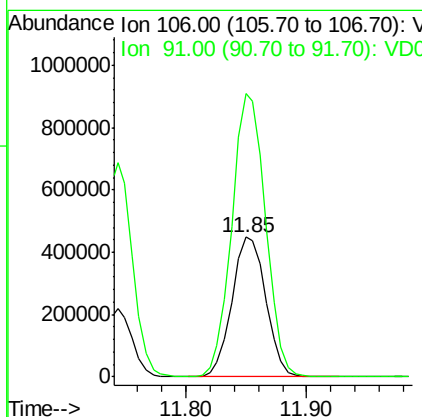
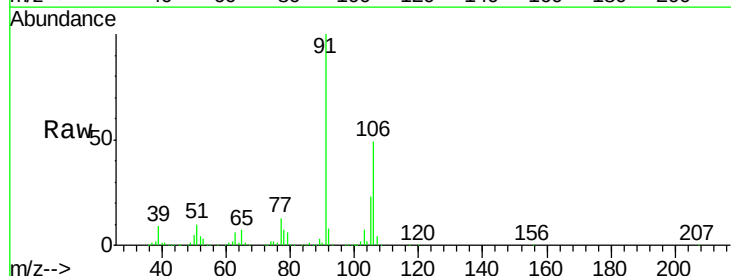
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

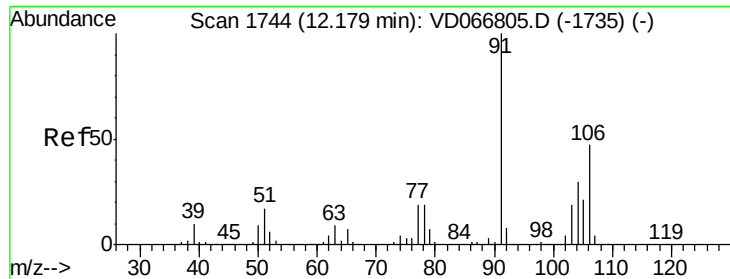
Tgt Ion: 91 Resp: 1157919
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 101.675 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 106 Resp: 876383
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1

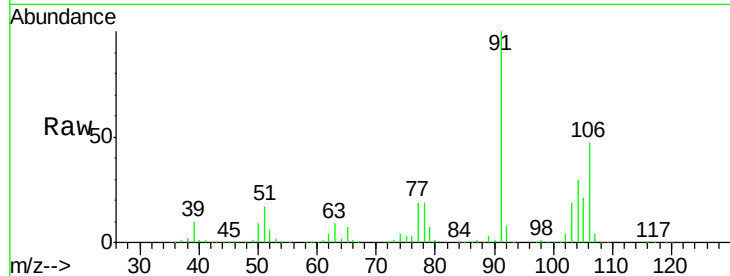




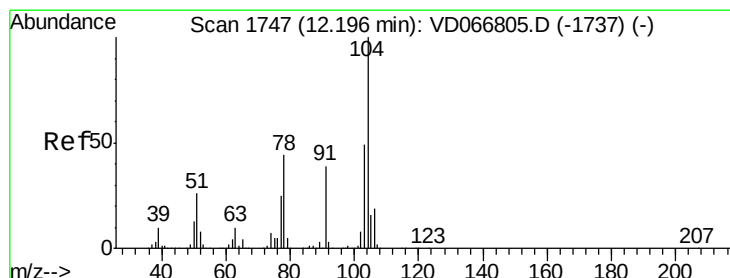
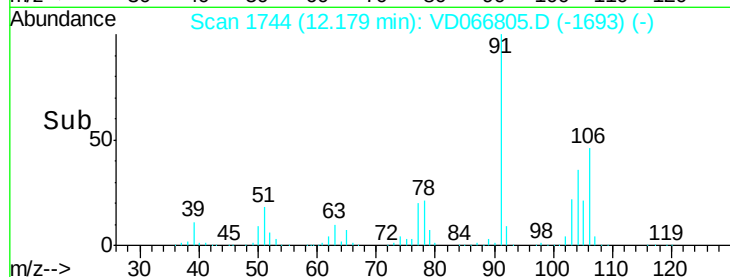
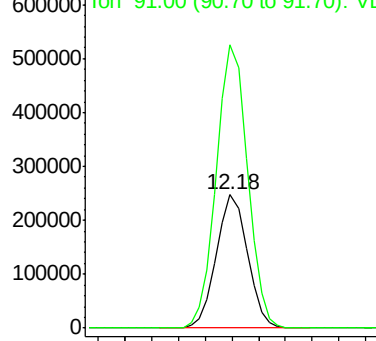
#69
o-Xylene
Concen: 52.437 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 400618
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.8

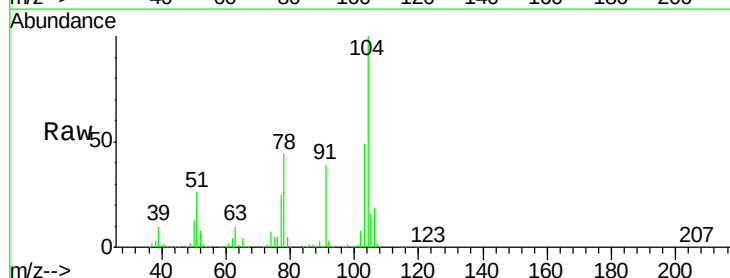


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

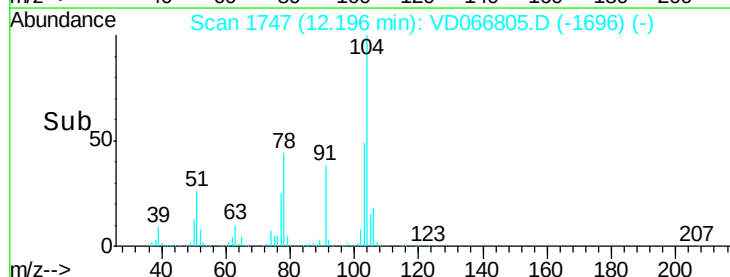
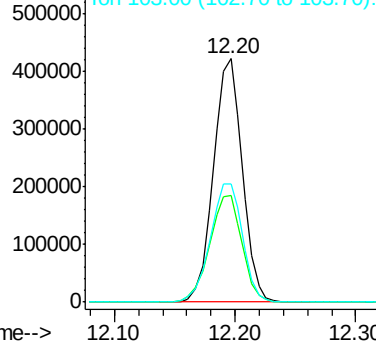


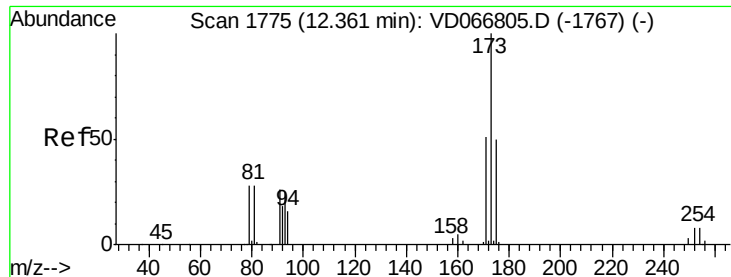
#70
Styrene
Concen: 52.535 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion:104 Resp: 704687
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 54.0 43.2 64.8



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





#71

Bromoform

Concen: 53.041 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

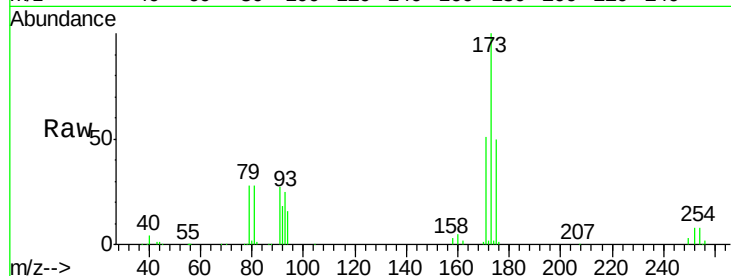
Tgt Ion:173 Resp: 125138

Ion Ratio Lower Upper

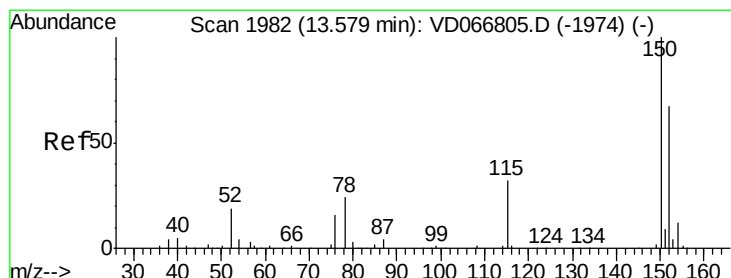
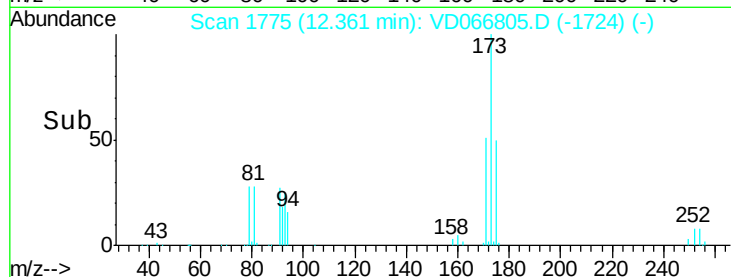
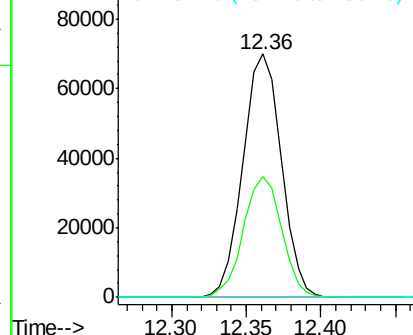
173 100

175 49.7 24.9 74.6

254 0.1 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: VD066805.D

Acq: 22 Sep 2020 12:11

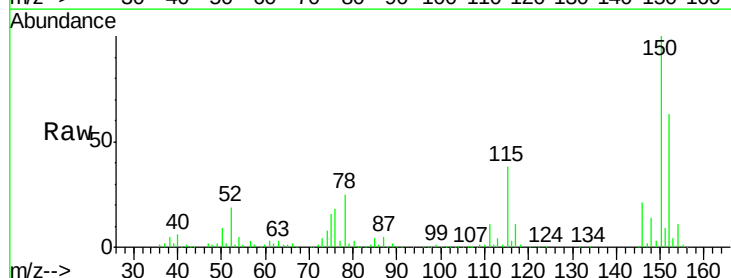
Tgt Ion:152 Resp: 284937

Ion Ratio Lower Upper

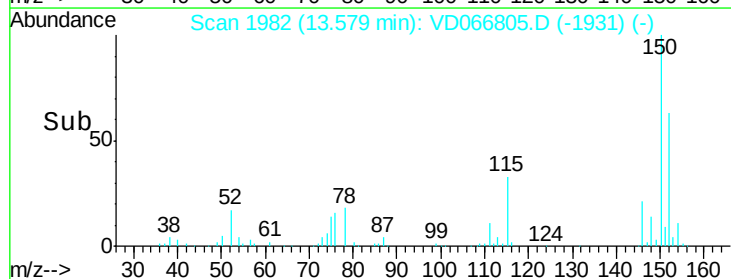
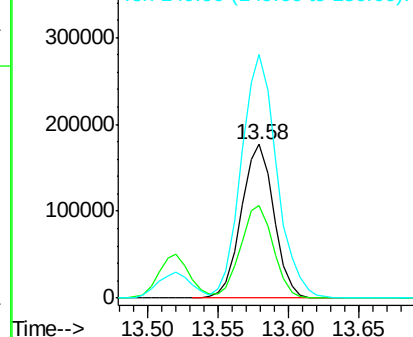
152 100

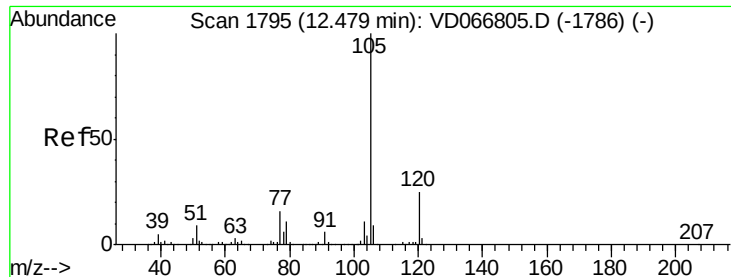
115 60.7 30.3 91.0

150 173.1 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: 51.752 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

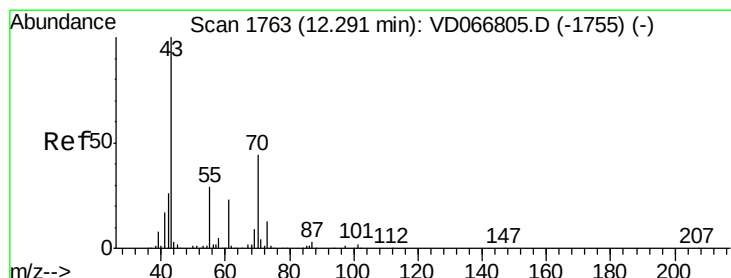
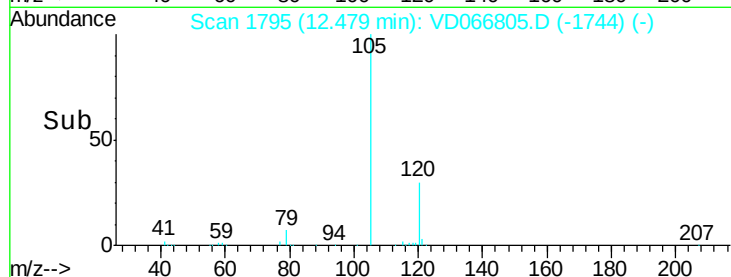
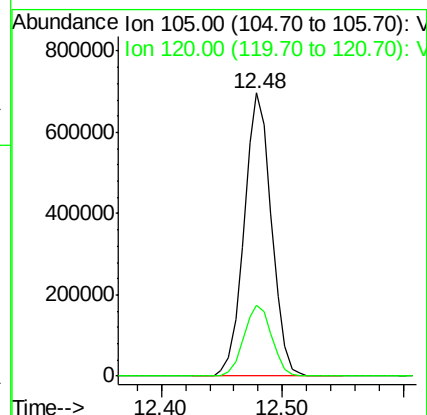
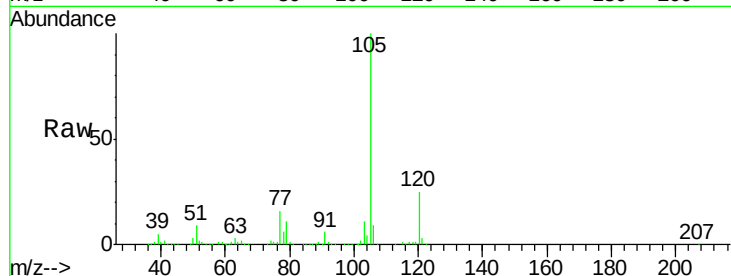
VSTDICCC050

Tgt Ion: 105 Resp: 1096613

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 49.806 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion: 43 Resp: 221696

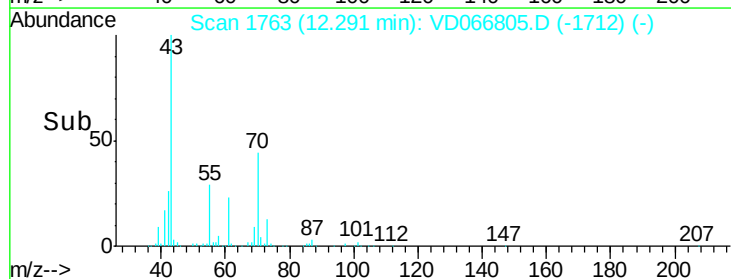
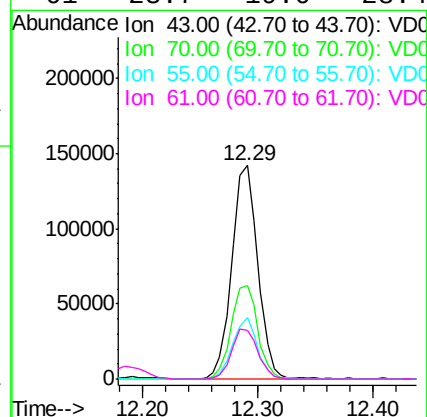
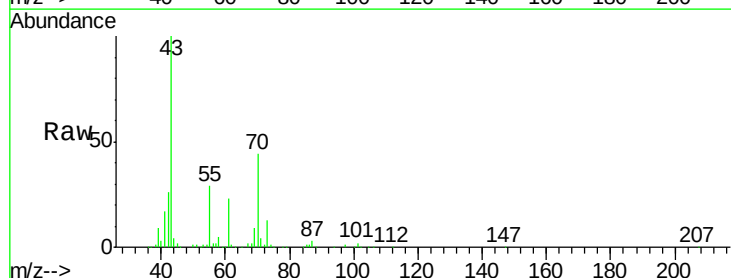
Ion Ratio Lower Upper

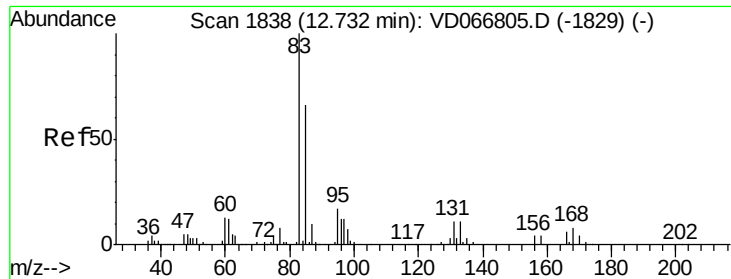
43 100

70 45.1 36.1 54.1

55 27.3 21.8 32.8

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.299 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

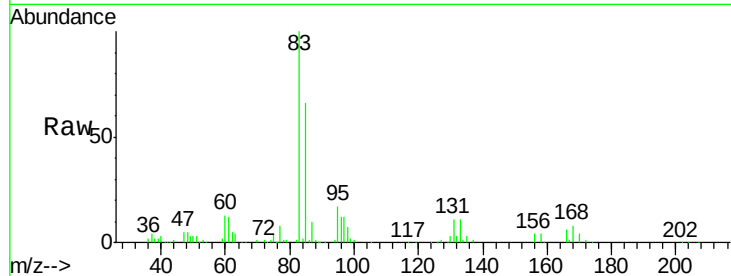
Tgt Ion: 83 Resp: 183121

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

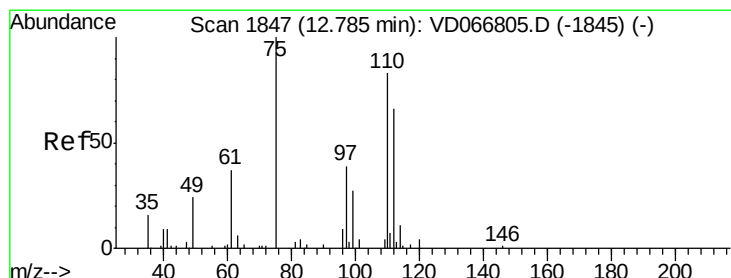
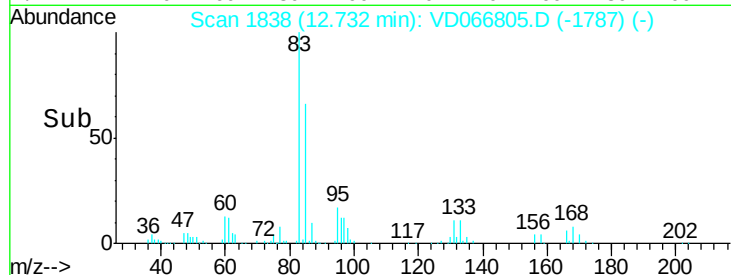
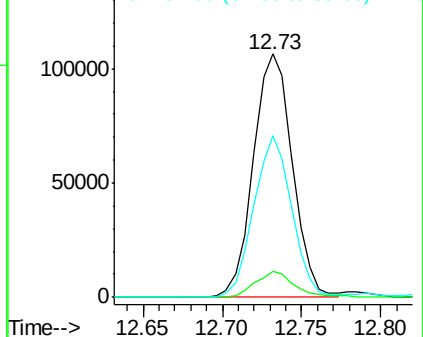
85 64.3 32.1 96.5



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: 99.358 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066805.D

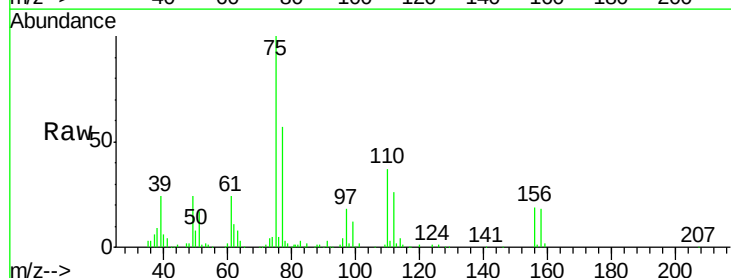
Acq: 22 Sep 2020 12:11

Tgt Ion: 75 Resp: 243723

Ion Ratio Lower Upper

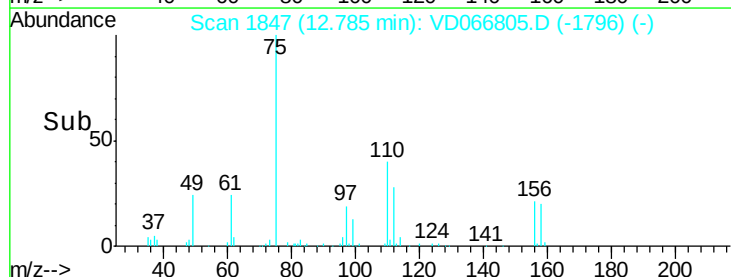
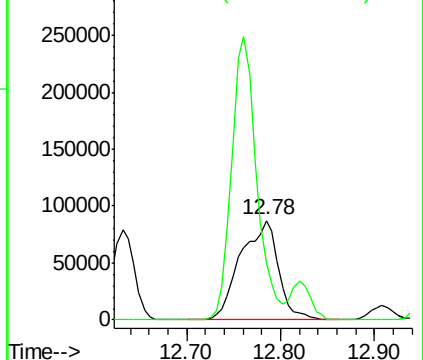
75 100

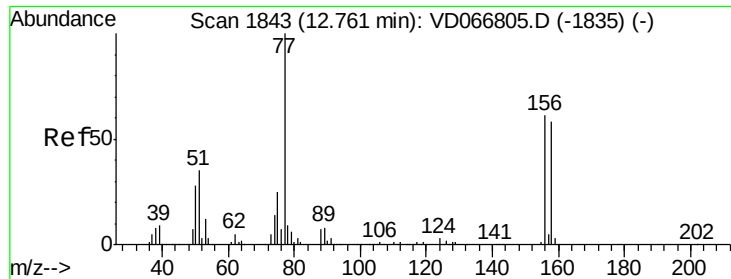
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

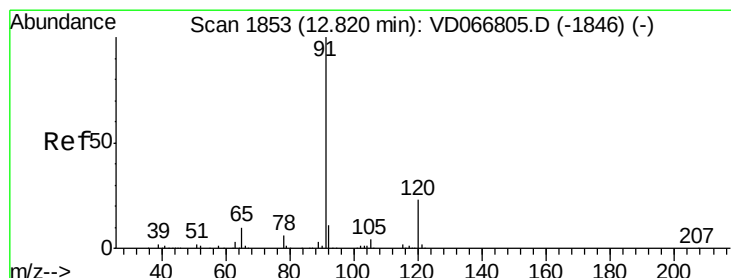
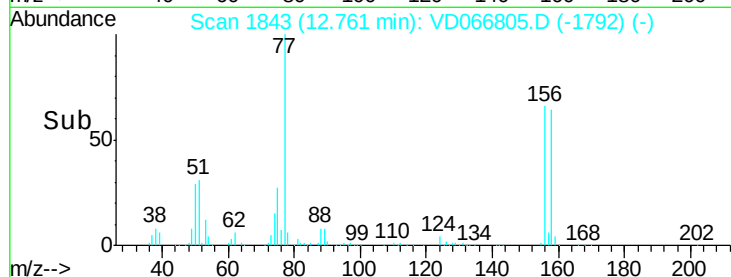
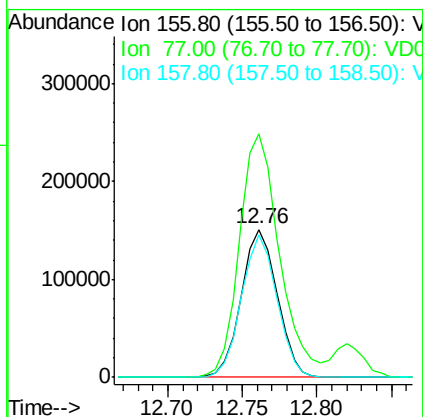
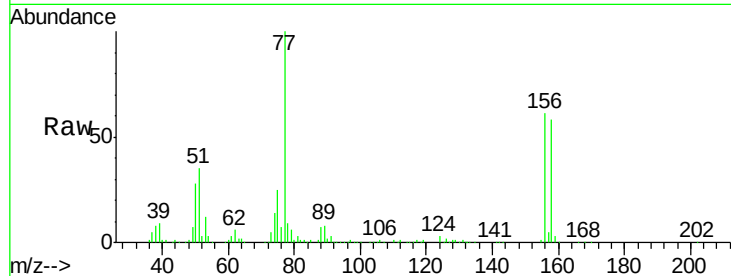




#77
Bromobenzene
Concen: 50.870 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

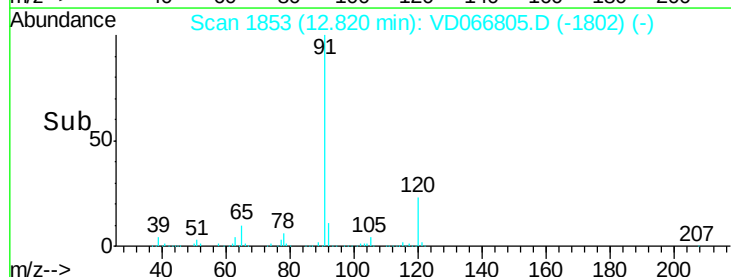
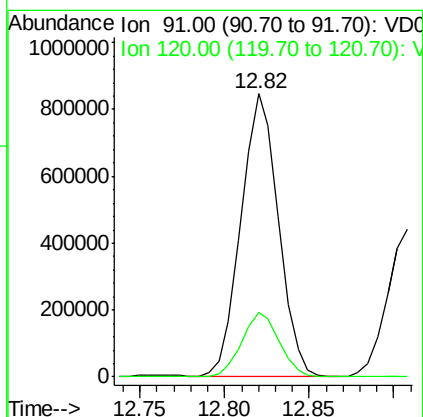
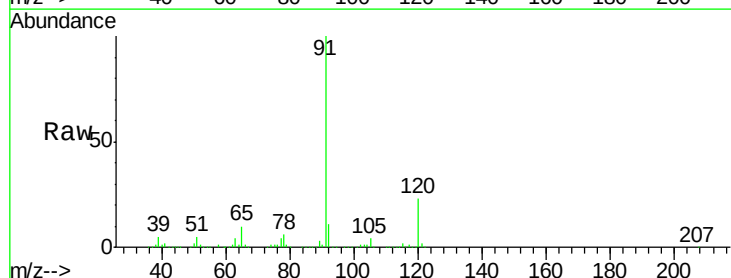
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

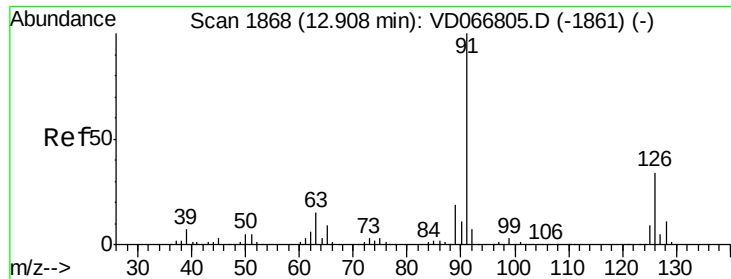
Tgt Ion:156 Resp: 250820
Ion Ratio Lower Upper
156 100
77 184.6 92.3 276.9
158 95.3 47.6 142.9



#78
n-propylbenzene
Concen: 50.695 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 91 Resp: 1306369
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2

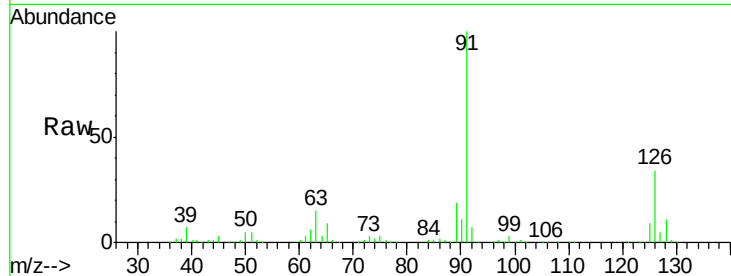




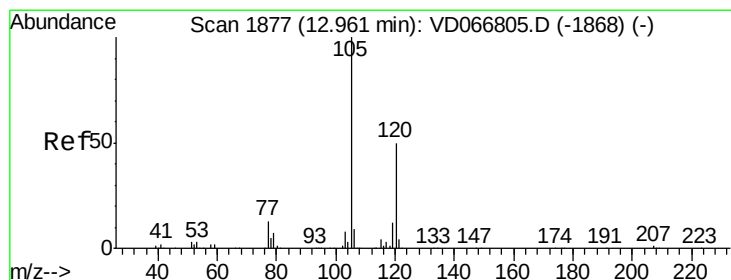
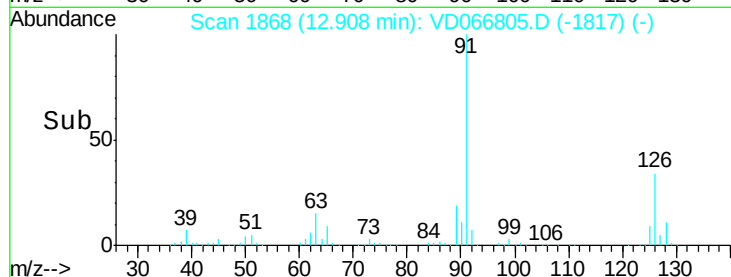
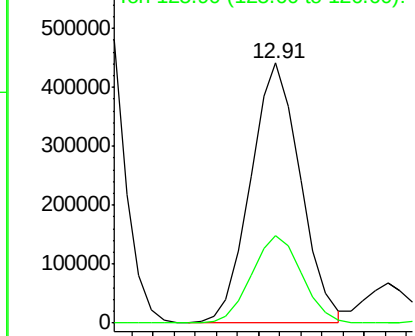
#79
2-Chlorotoluene
Concen: 49.487 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 720838
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

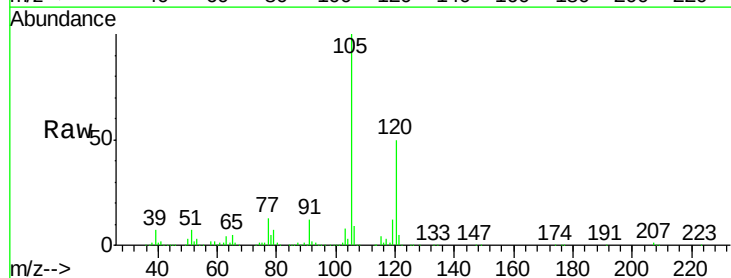


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

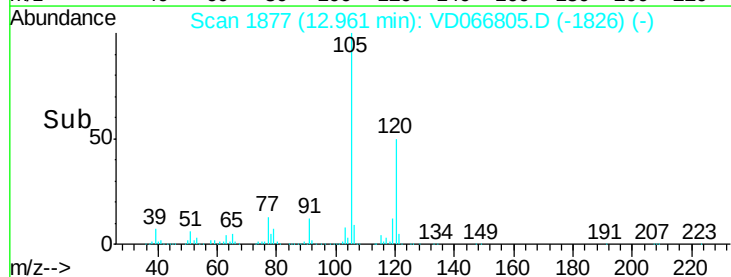
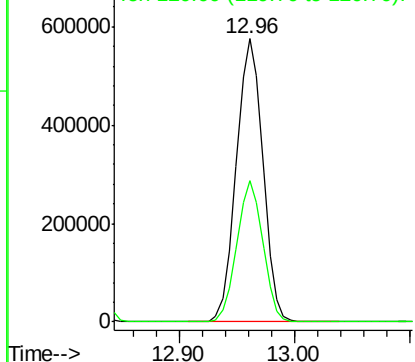


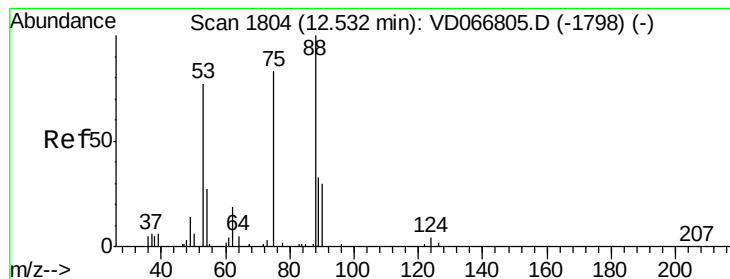
#80
1,3,5-Trimethylbenzene
Concen: 51.255 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 105 Resp: 917003
Ion Ratio Lower Upper
105 100
120 48.9 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: 46.968 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

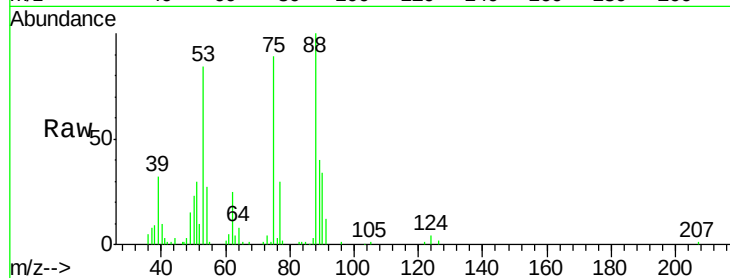
Tgt Ion: 75 Resp: 52392

Ion Ratio Lower Upper

75 100

53 98.1 78.5 117.7

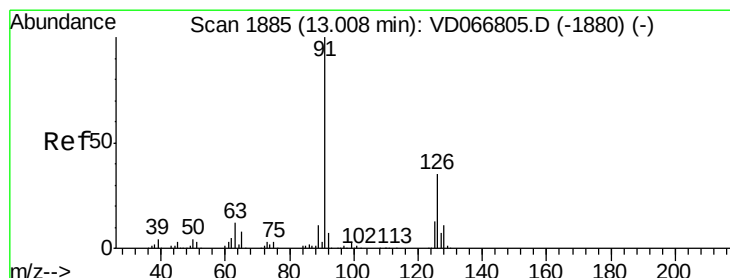
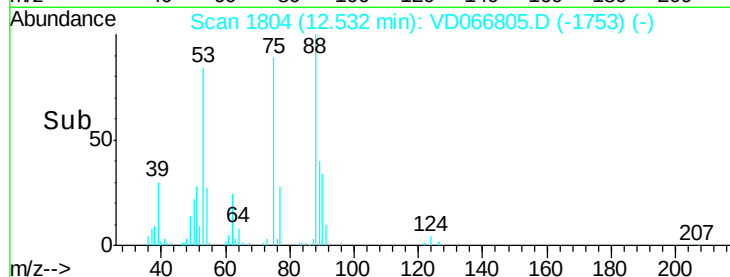
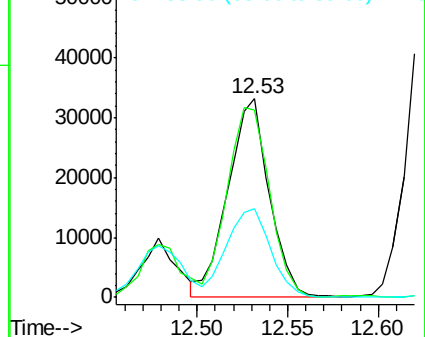
89 47.6 38.1 57.1



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: 49.744 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066805.D

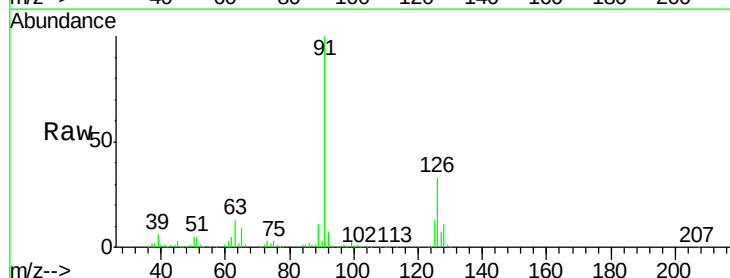
Acq: 22 Sep 2020 12:11

Tgt Ion: 91 Resp: 768318

Ion Ratio Lower Upper

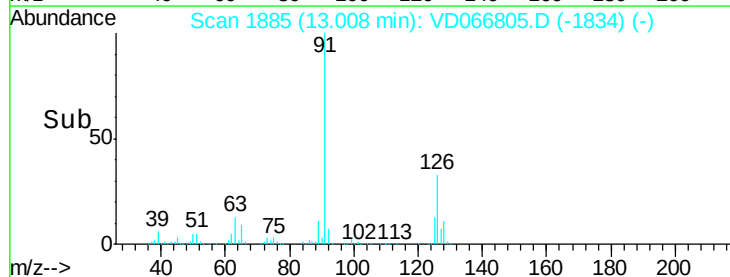
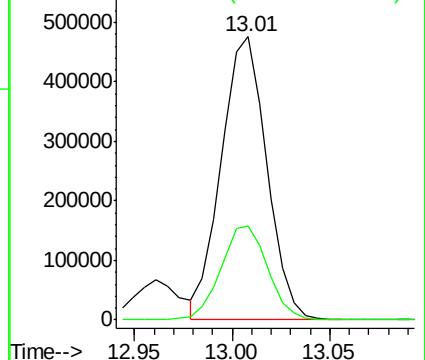
91 100

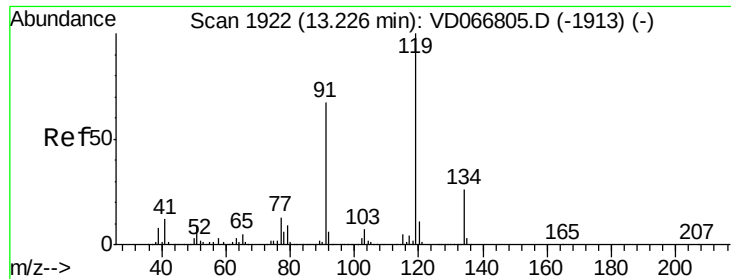
126 34.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

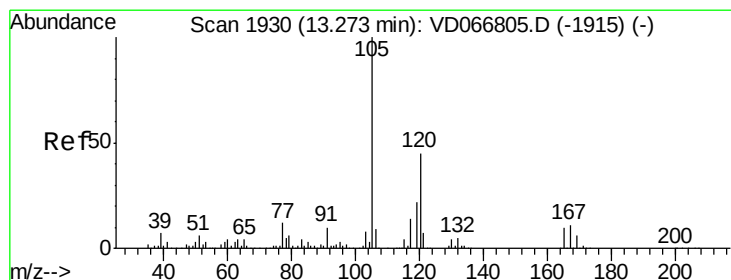
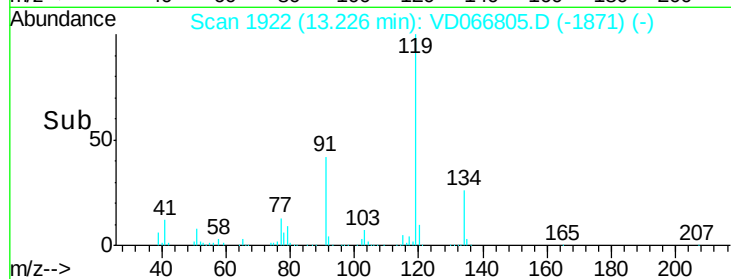
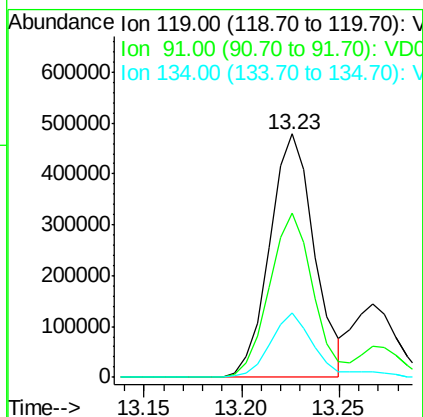
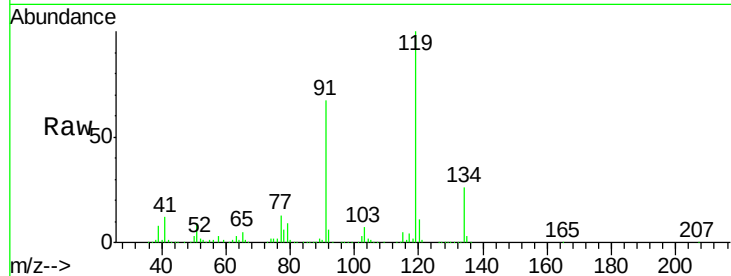




#83
 tert-Butylbenzene
 Concen: 51.240 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

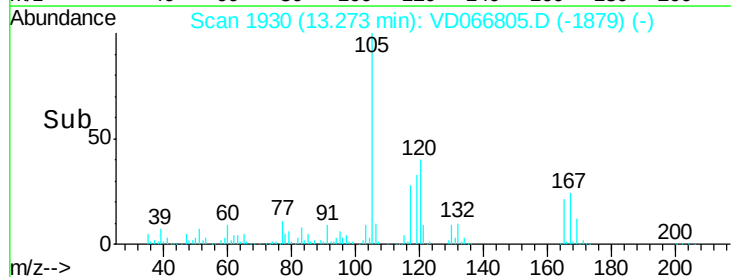
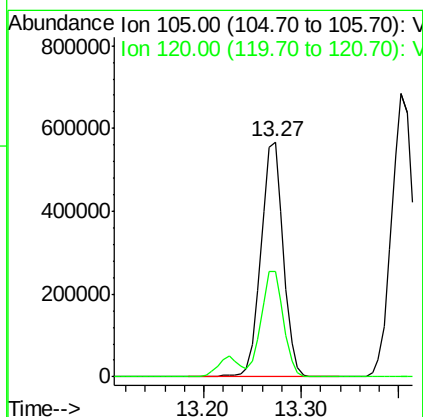
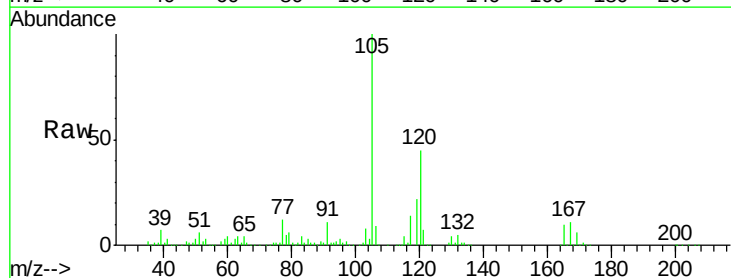
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

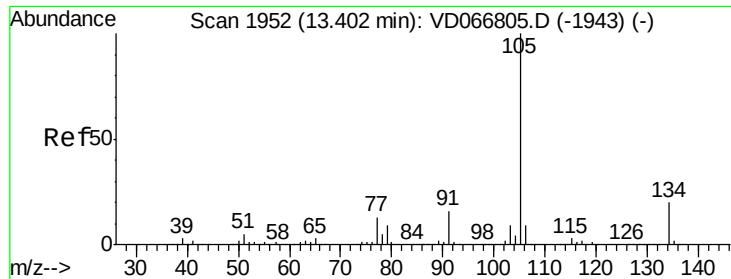
Tgt Ion:119 Resp: 757349
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.6 100.8
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.925 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion:105 Resp: 910991
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.011 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

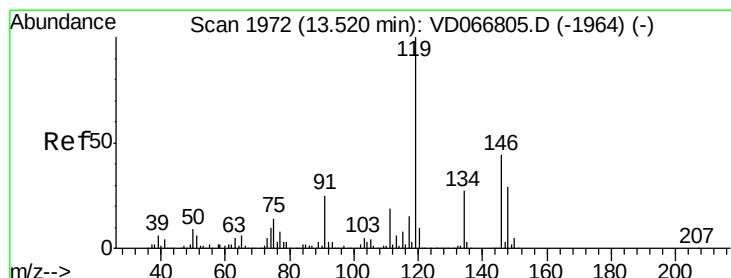
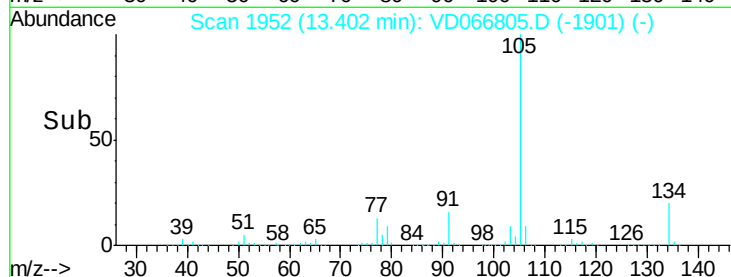
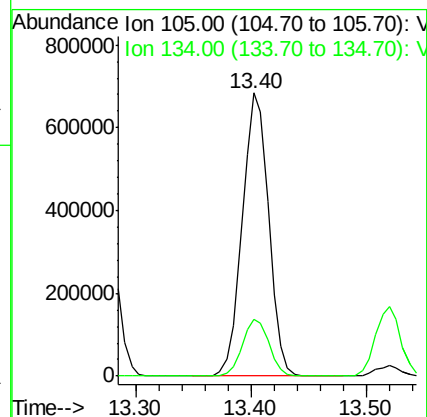
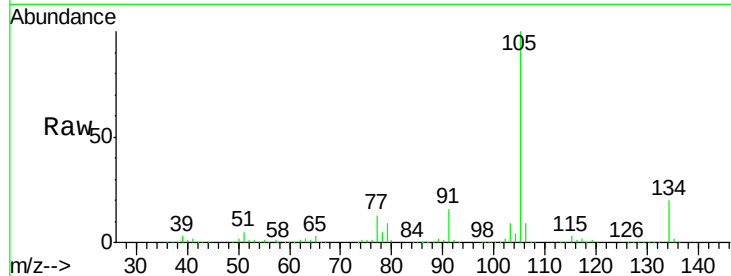
VSTDICCC050

Tgt Ion:105 Resp: 1078653

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.353 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

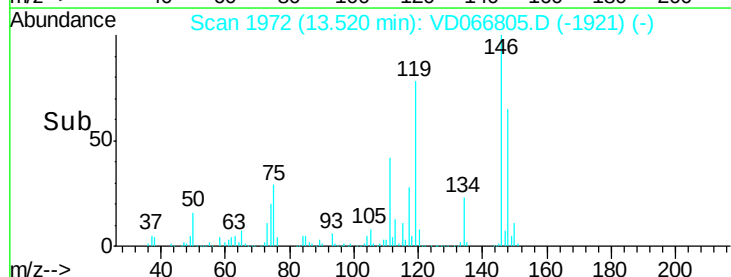
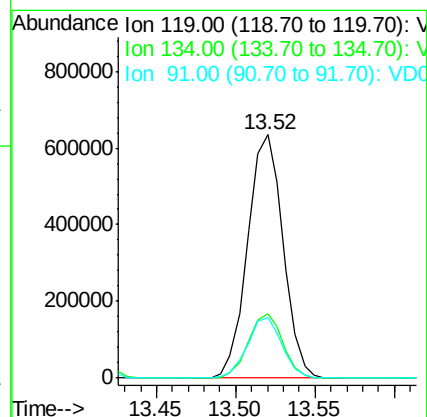
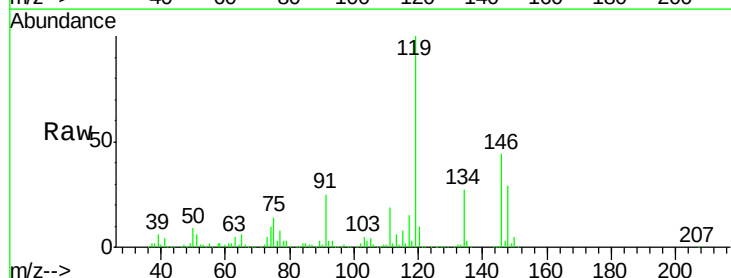
Tgt Ion:119 Resp: 986549

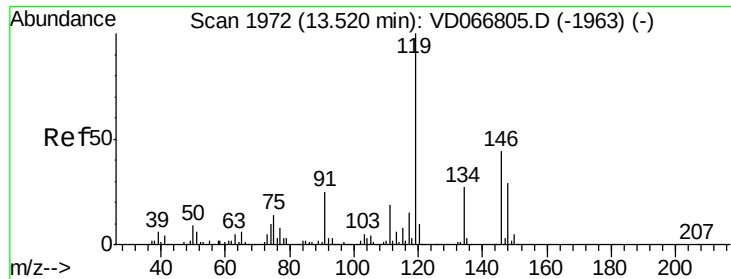
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.1 12.0 36.1

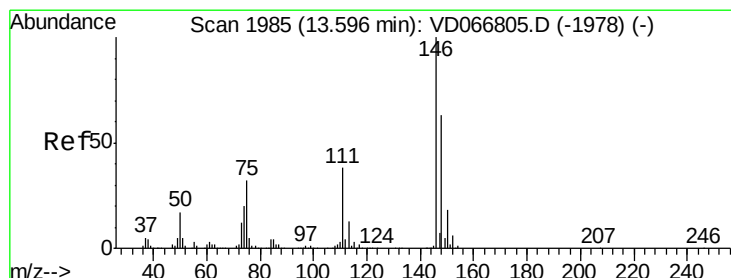
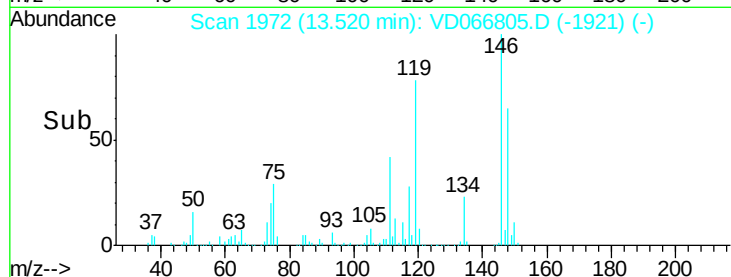
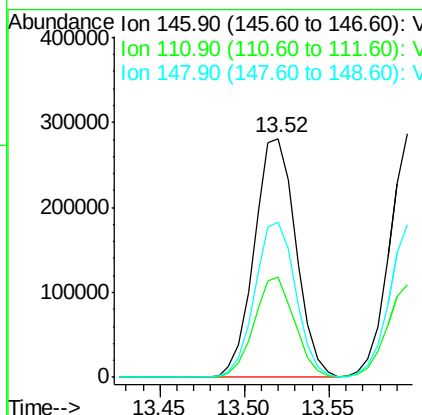
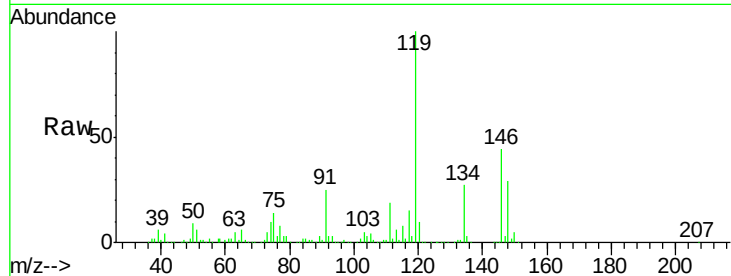




#87
 1,3-Dichlorobenzene
 Concen: 51.159 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

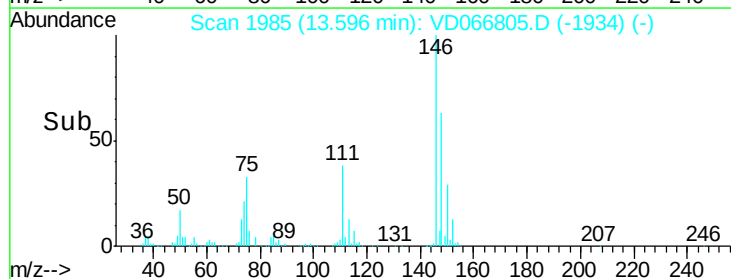
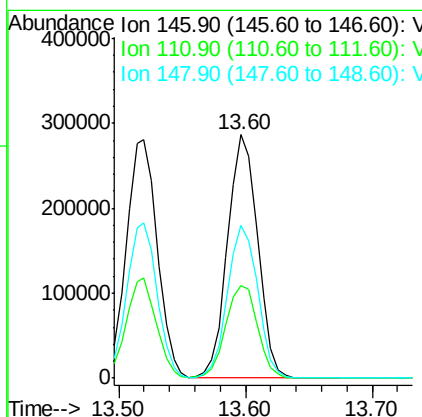
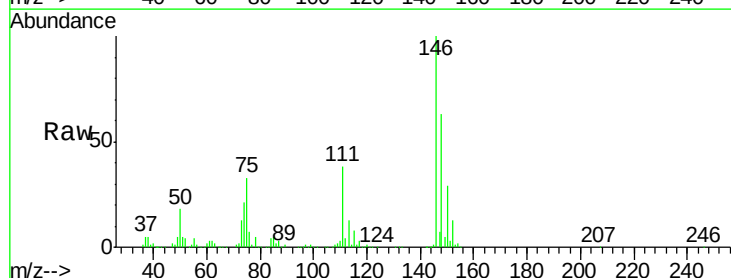
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

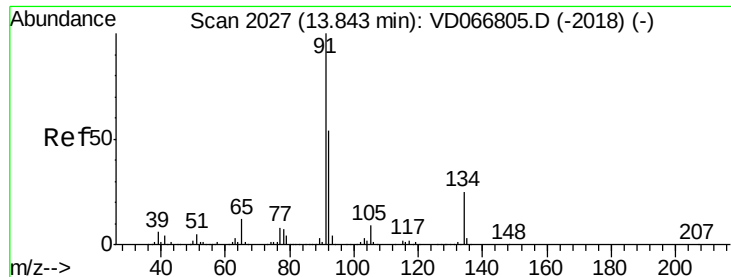
Tgt Ion:146 Resp: 481896
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.021 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion:146 Resp: 469627
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.1 31.6 94.7

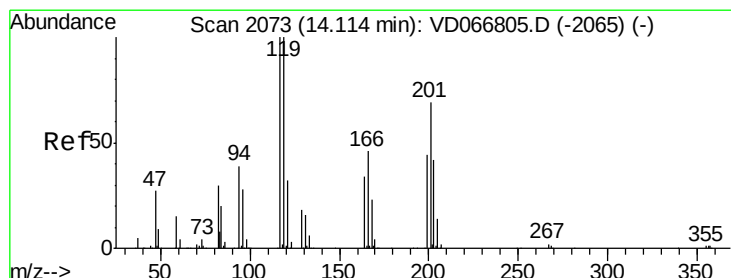
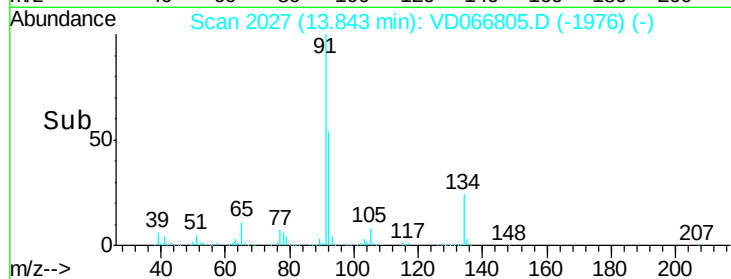
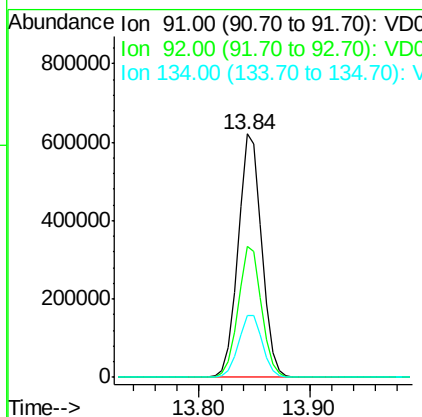
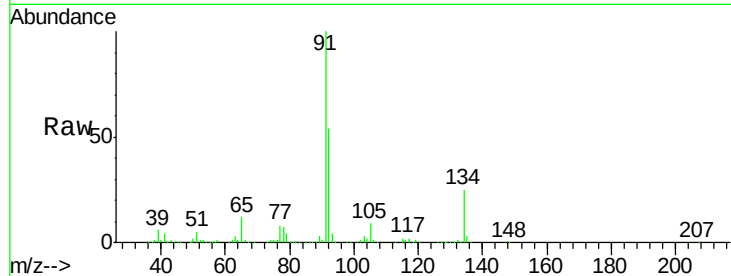




#89
n-Butylbenzene
Concen: 51.160 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

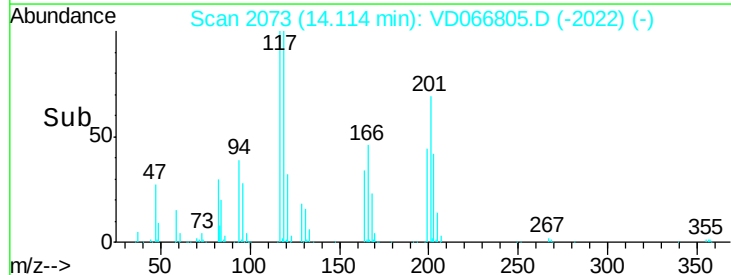
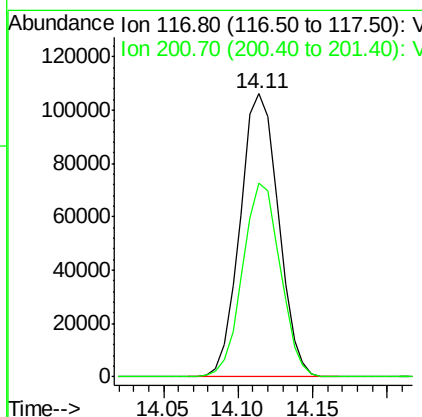
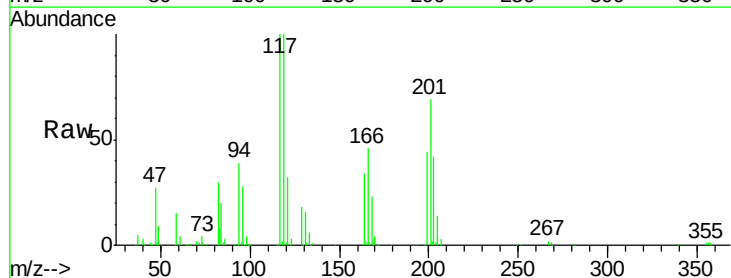
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

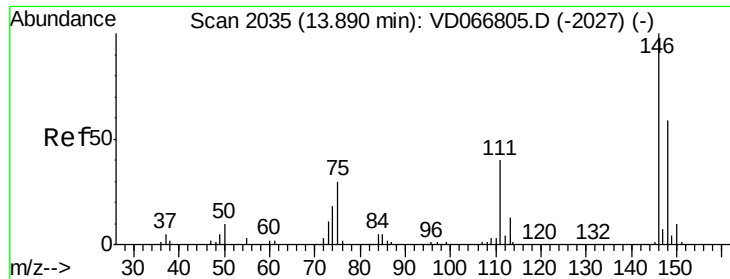
Tgt Ion: 91 Resp: 931021
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 26.1 13.1 39.1



#90
Hexachloroethane
Concen: 48.121 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 117 Resp: 189038
Ion Ratio Lower Upper
117 100
201 67.3 33.7 101.0

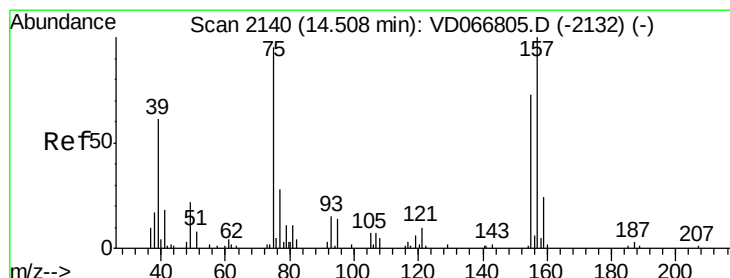
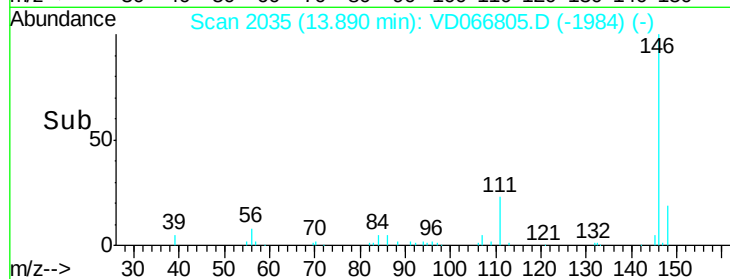
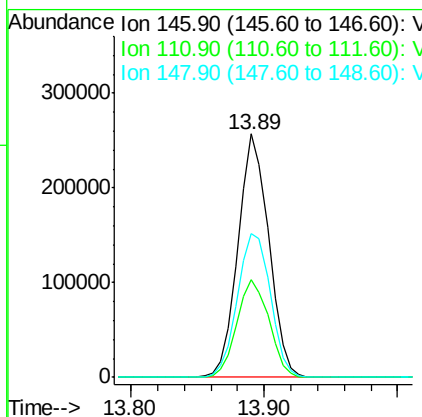
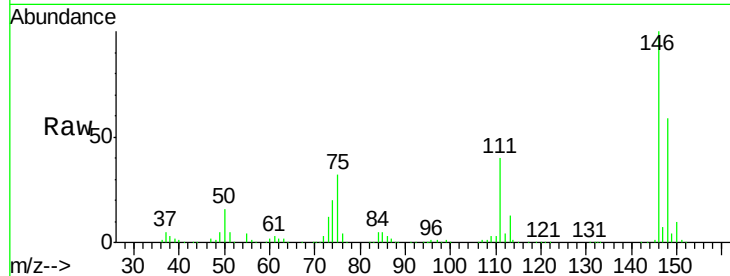




#91
 1,2-Dichlorobenzene
 Concen: 50.776 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

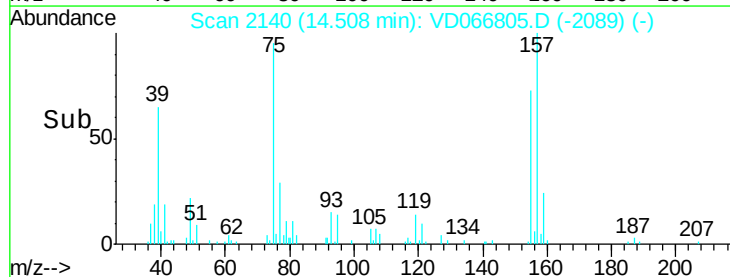
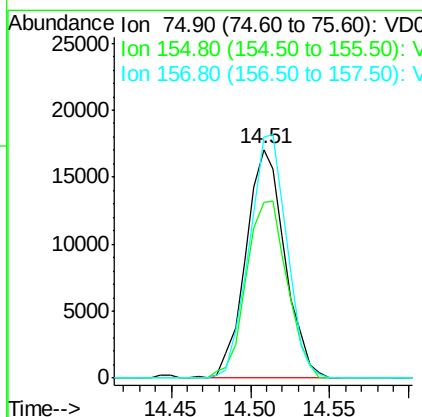
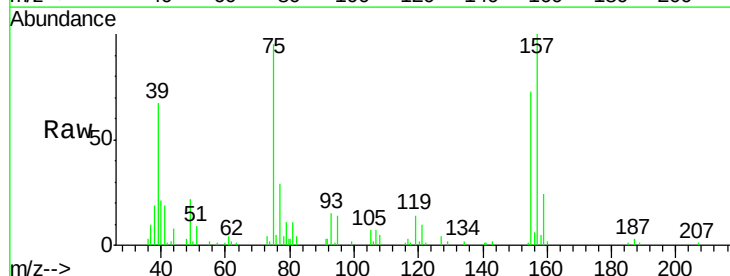
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

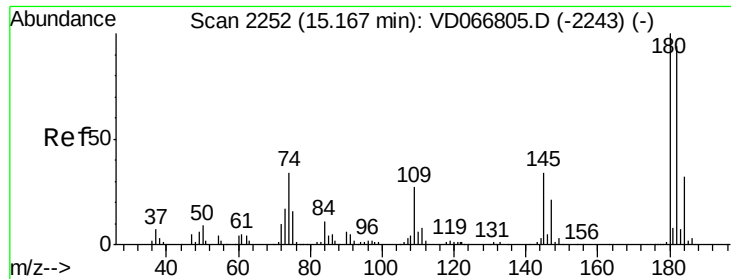
Tgt Ion: 146 Resp: 410112
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.182 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 75 Resp: 29225
 Ion Ratio Lower Upper
 75 100
 155 80.8 40.4 121.2
 157 102.6 51.3 153.9

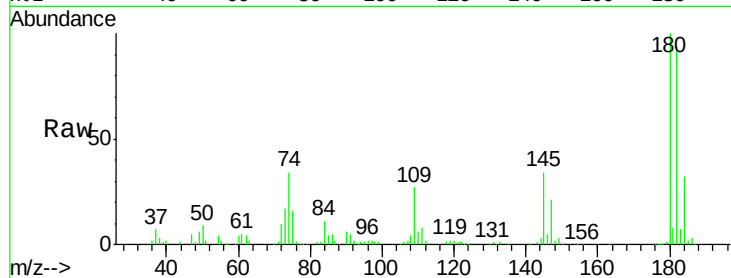




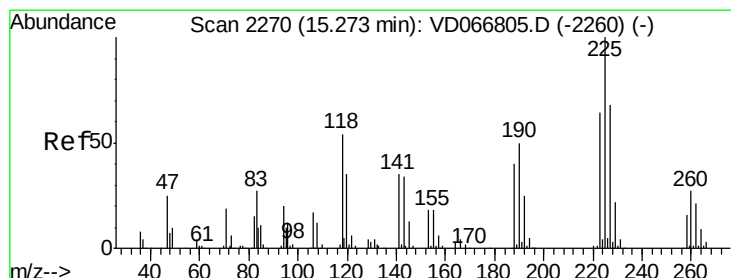
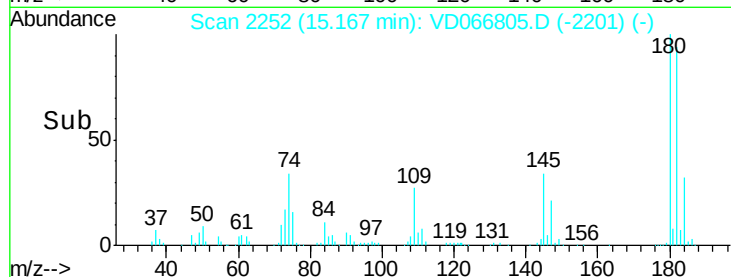
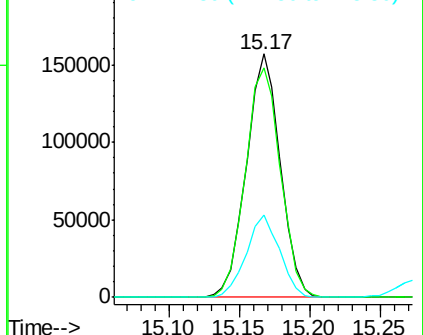
#93
 1,2,4-Trichlorobenzene
 Concen: 54.148 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 264712
 Ion Ratio Lower Upper
 180 100
 182 97.5 48.8 146.3
 145 33.3 16.7 50.0

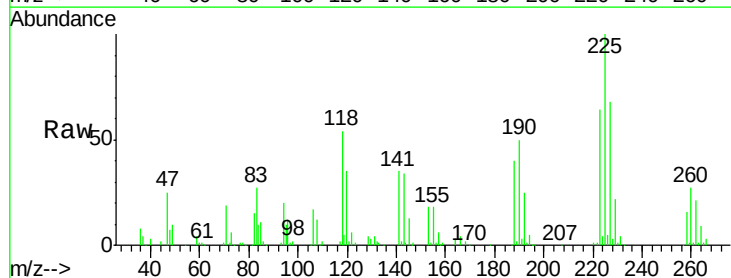


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

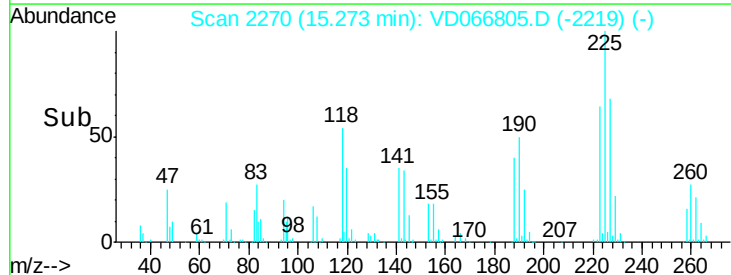
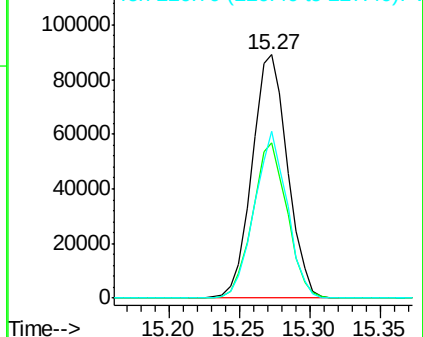


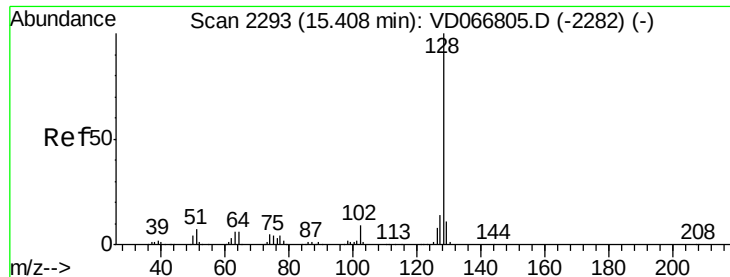
#94
 Hexachlorobutadiene
 Concen: 53.235 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion:225 Resp: 157026
 Ion Ratio Lower Upper
 225 100
 223 62.2 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

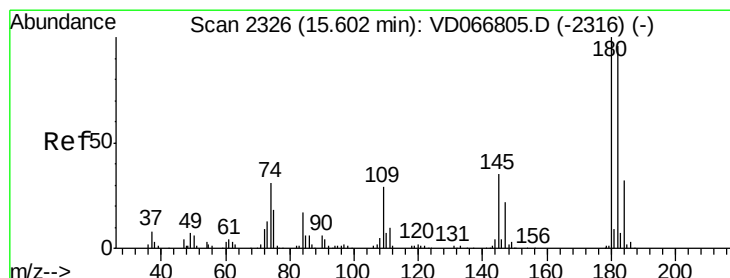
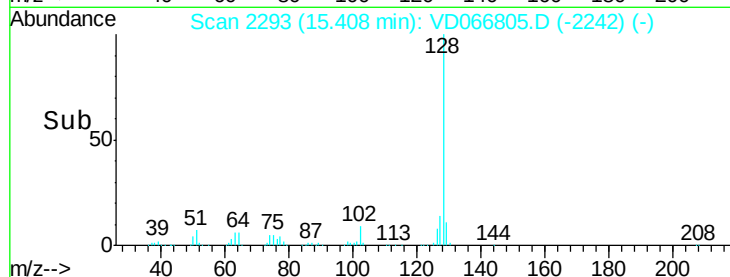
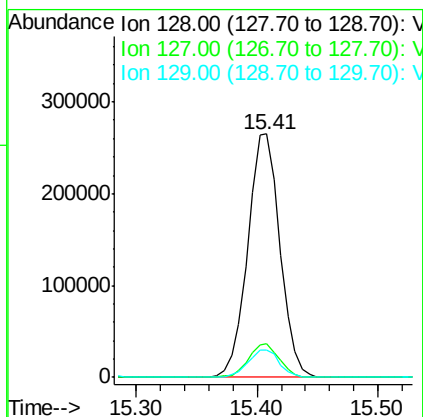
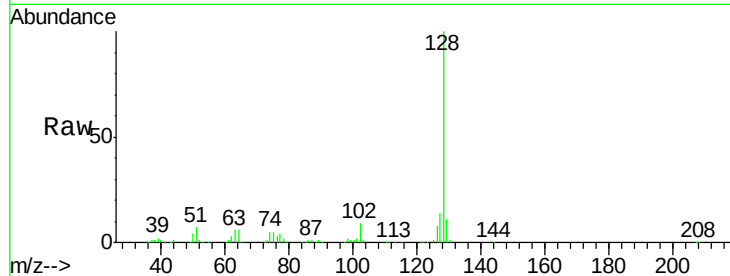




#95
Naphthalene
Concen: 57.252 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 493426
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.960 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion:180 Resp: 236608
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 34.0 17.0 51.0

