

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\NOT REVIEWED DATA\
 Data File : VD064726.D
 Acq On : 03 Jan 2020 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 16:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	436270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	610137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	532802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	186111	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	7.91	113	191564	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	10.34	98	739277	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	231734	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	161005	47.488	ug/l	96
3) Chloromethane	2.21	50	226026	47.667	ug/l	100
4) Vinyl Chloride	2.35	62	288161	49.842	ug/l	94
5) Bromomethane	2.77	94	186683	44.409	ug/l	96
6) Chloroethane	2.93	64	186081	48.034	ug/l	98
7) Trichlorofluoromethane	3.27	101	482465	49.561	ug/l	99
8) Diethyl Ether	3.71	74	91955	47.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207733	51.527	ug/l	98
10) Methyl Iodide	4.29	142	225702	52.119	ug/l	99
11) Tert butyl alcohol	5.26	59	61711	279.904	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	190348	49.593	ug/l	99
13) Acrolein	3.92	56	81025	263.701	ug/l	99
14) Allyl chloride	4.71	41	304669	50.911	ug/l	99
15) Acrylonitrile	5.43	53	194899	242.050	ug/l	99
16) Acetone	4.16	43	238017	300.474	ug/l	98
17) Carbon Disulfide	4.40	76	591219	47.637	ug/l	99
18) Methyl Acetate	4.72	43	99469	45.927	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	416202	48.820	ug/l	99
20) Methylene Chloride	4.97	84	206244	52.683	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	218482	49.983	ug/l	97
22) Diisopropyl ether	6.37	45	592452	49.635	ug/l	100
23) Vinyl Acetate	6.31	43	1718656	253.828	ug/l	100
24) 1,1-Dichloroethane	6.26	63	369344	51.543	ug/l	97
25) 2-Butanone	7.22	43	278422	263.298	ug/l	100
26) 2,2-Dichloropropane	7.20	77	352951	52.977	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236817	50.200	ug/l	97
28) Bromochloromethane	7.55	49	140185	50.326	ug/l	100
29) Tetrahydrofuran	7.57	42	156669	238.245	ug/l	98
30) Chloroform	7.71	83	382731	50.908	ug/l	98
31) Cyclohexane	7.98	56	350602	48.879	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	365674	51.785	ug/l	100
36) 1,1-Dichloropropene	8.11	75	308601	52.550	ug/l	98
37) Ethyl Acetate	7.30	43	113446	49.174	ug/l	99
38) Carbon Tetrachloride	8.10	117	343767	54.898	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\NOT REVIEWED DATA\
 Data File : VD064726.D
 Acq On : 03 Jan 2020 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 16:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	375825	52.838	ug/l	97
40) Benzene	8.35	78	836662	52.189	ug/l	98
41) Methacrylonitrile	7.53	41	70353	52.559	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	242197	52.280	ug/l	98
43) Isopropyl Acetate	8.46	43	225966	49.209	ug/l	99
44) Trichloroethene	9.11	130	244649	51.948	ug/l	96
45) 1,2-Dichloropropane	9.39	63	198802	51.938	ug/l	98
46) Dibromomethane	9.48	93	107076	50.174	ug/l	98
47) Bromodichloromethane	9.66	83	290047	51.076	ug/l	97
48) Methyl methacrylate	9.46	41	102133	47.237	ug/l	88
49) 1,4-Dioxane	9.47	88	23994	975.073	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	560765	247.064	ug/l	99
52) Toluene	10.40	92	554104	52.682	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275096	51.960	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	328132	52.562	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	146670	50.997	ug/l	97
56) Ethyl methacrylate	10.66	69	183094	50.975	ug/l	99
57) 1,3-Dichloropropane	10.95	76	251095	50.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	305992	223.605	ug/l	99
59) 2-Hexanone	10.98	43	421287	273.474	ug/l	99
60) Dibromochloromethane	11.14	129	198908	50.012	ug/l	99
61) 1,2-Dibromoethane	11.25	107	140934	49.683	ug/l	100
64) Tetrachloroethene	10.88	164	210858	51.585	ug/l	95
65) Chlorobenzene	11.67	112	576322	52.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	217397	52.149	ug/l	99
67) Ethyl Benzene	11.75	91	1070863	53.353	ug/l	98
68) m/p-Xylenes	11.86	106	823180	106.256	ug/l	98
69) o-Xylene	12.18	106	366406	52.362	ug/l	99
70) Styrene	12.20	104	648502	52.798	ug/l	99
71) Bromoform	12.37	173	121162	50.965	ug/l #	97
73) Isopropylbenzene	12.48	105	1020386	54.145	ug/l	100
74) N-amyl acetate	12.30	43	206222	51.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	151189	51.070	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	202221	97.108	ug/l #	100
77) Bromobenzene	12.77	156	243156	52.511	ug/l	98
78) n-propylbenzene	12.83	91	1205607	54.836	ug/l	98
79) 2-Chlorotoluene	12.91	91	634311	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	843010	54.456	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51425	51.648	ug/l	98
82) 4-Chlorotoluene	13.01	91	667889	51.964	ug/l	99
83) tert-Butylbenzene	13.23	119	725026	53.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	825486	53.541	ug/l	98
85) sec-Butylbenzene	13.41	105	1007013	54.649	ug/l	99
86) p-Isopropyltoluene	13.53	119	949701	53.900	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	467114	52.916	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	450932	51.999	ug/l	100
89) n-Butylbenzene	13.86	91	874346	55.104	ug/l	99
90) Hexachloroethane	14.12	117	177536	52.748	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	387197	51.440	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24304	50.642	ug/l	97

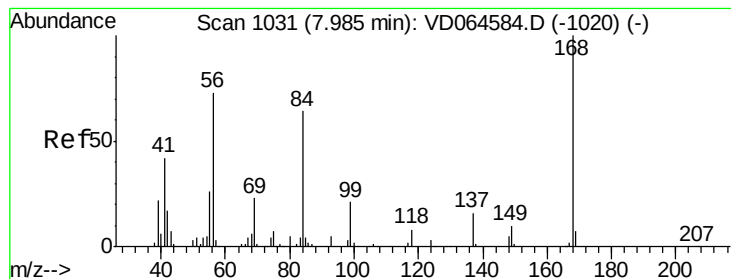
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\NOT REVIEWED DATA\
Data File : VD064726.D
Acq On : 03 Jan 2020 11:01
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 03 16:52:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	285024	51.426	ug/l	98
94) Hexachlorobutadiene	15.28	225	181086	51.922	ug/l	98
95) Naphthalene	15.41	128	444600	50.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	235330	49.736	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

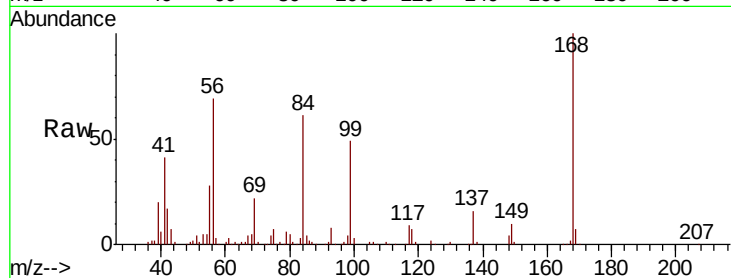
ClientSampleId :

Tot Ion:168 Resp: 436270

Ion Ratio Lower Upper

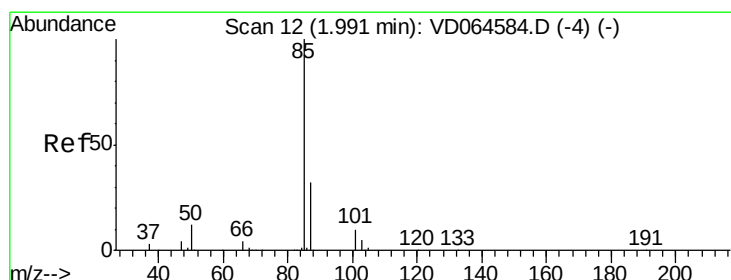
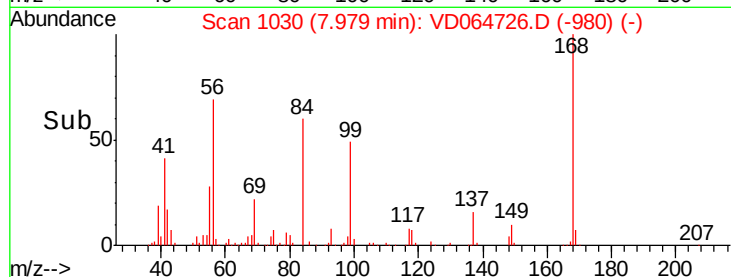
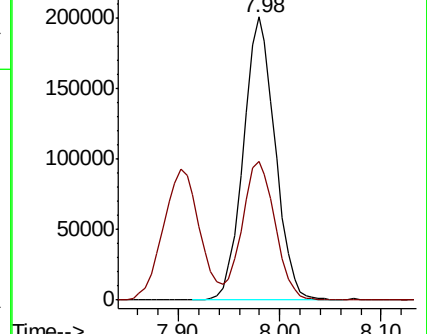
168 100

99 48.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.488 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064726.D

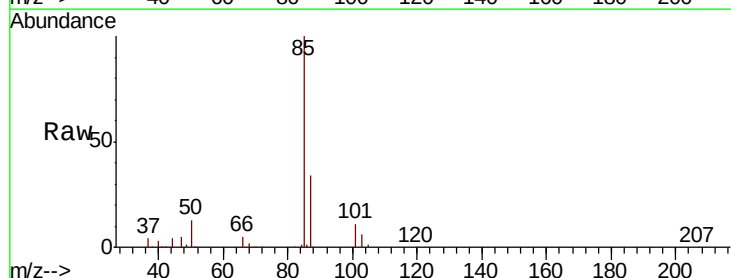
Acq: 03 Jan 2020 11:01

Tgt Ion: 85 Resp: 161005

Ion Ratio Lower Upper

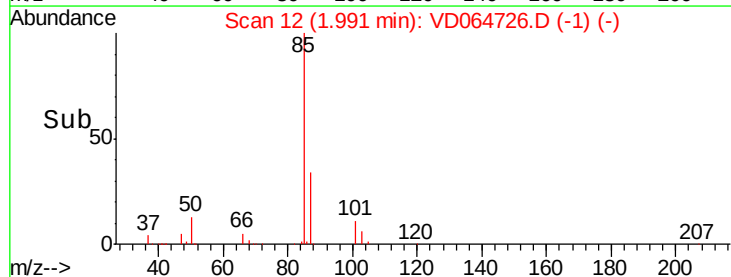
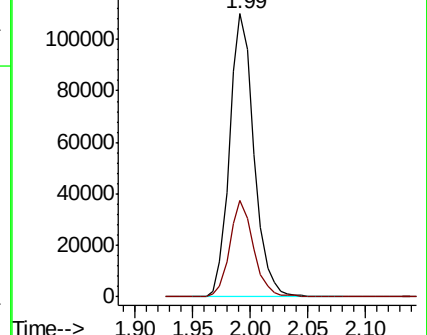
85 100

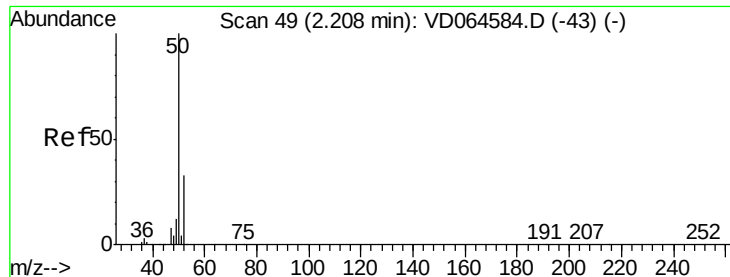
87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.667 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

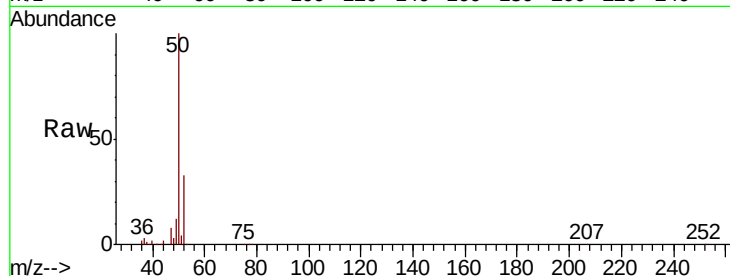
ClientSampleId :

Tot Ion: 50 Resp: 226026

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

200000

150000

100000

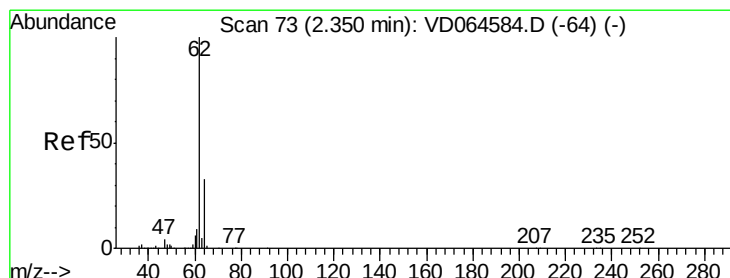
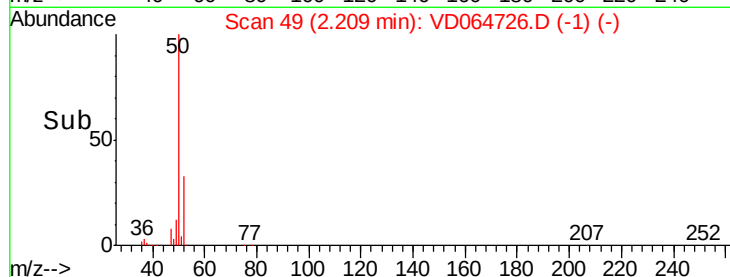
50000

0

2.21

2.10 2.15 2.20 2.25 2.30

Time-->



#4

Vinyl Chloride

Concen: 49.842 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064726.D

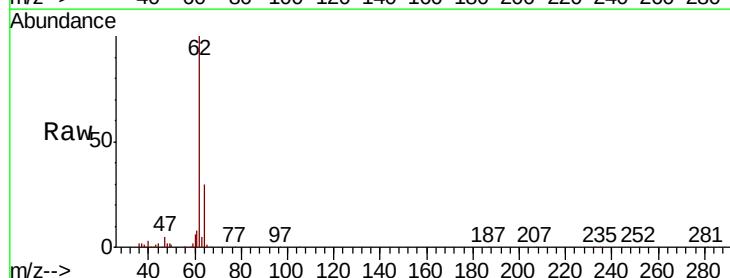
Acq: 03 Jan 2020 11:01

Tgt Ion: 62 Resp: 288161

Ion Ratio Lower Upper

62 100

64 29.9 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

200000

150000

100000

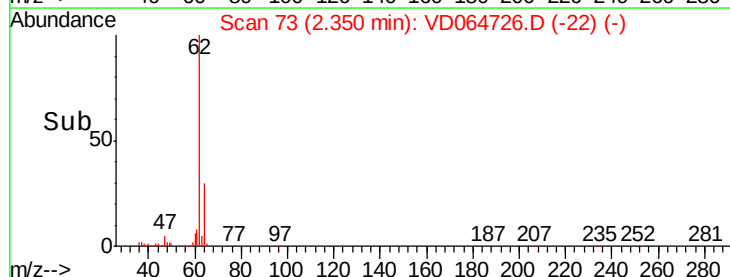
50000

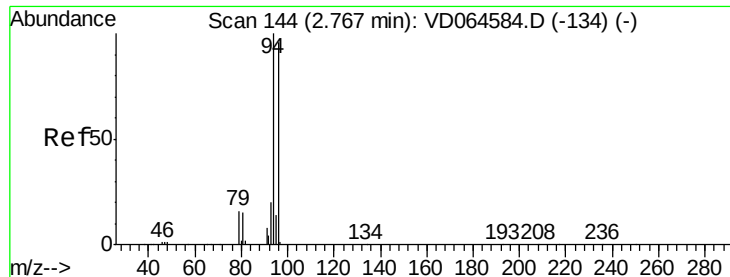
0

2.35

2.25 2.30 2.35 2.40 2.45

Time-->





#5

Bromomethane

Concen: 44.409 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

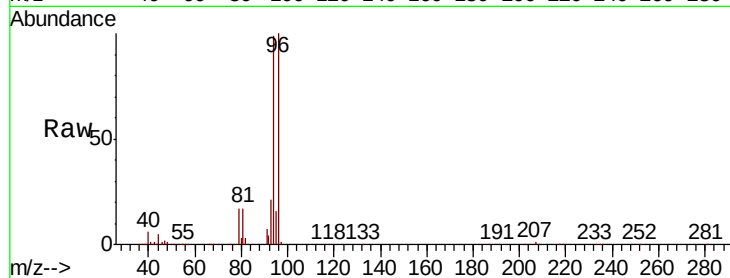
ClientSampleId :

Tot Ion: 94 Resp: 186683

Ion Ratio Lower Upper

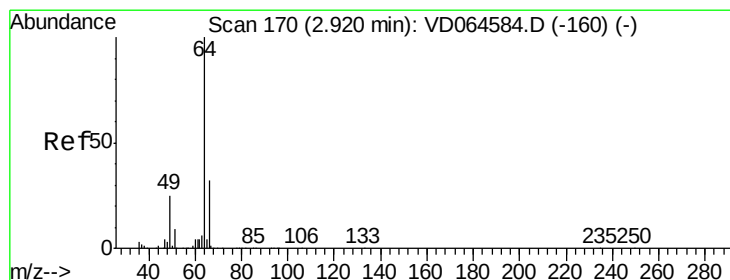
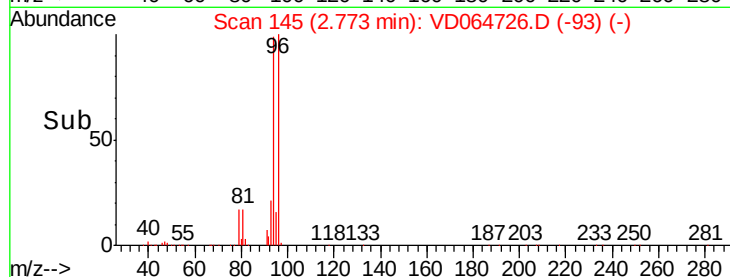
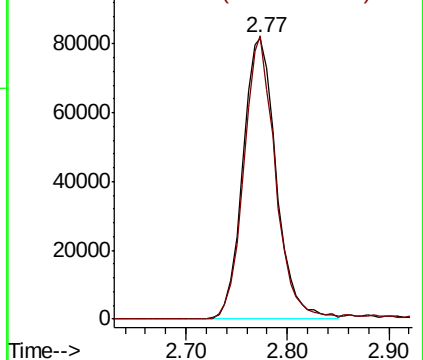
94 100

96 100.3 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.034 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064726.D

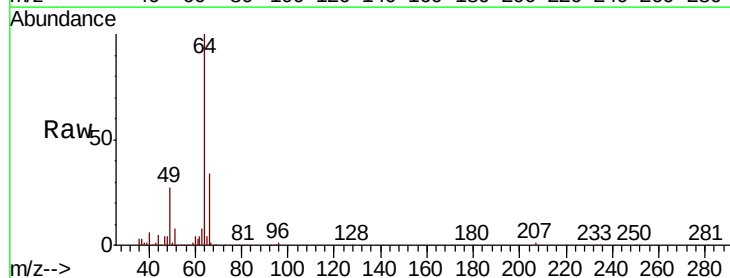
Acq: 03 Jan 2020 11:01

Tgt Ion: 64 Resp: 186081

Ion Ratio Lower Upper

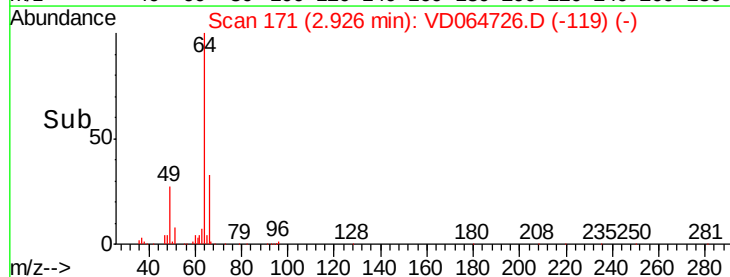
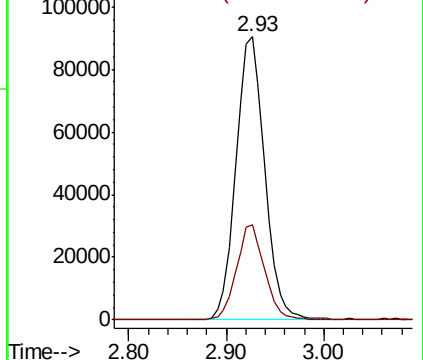
64 100

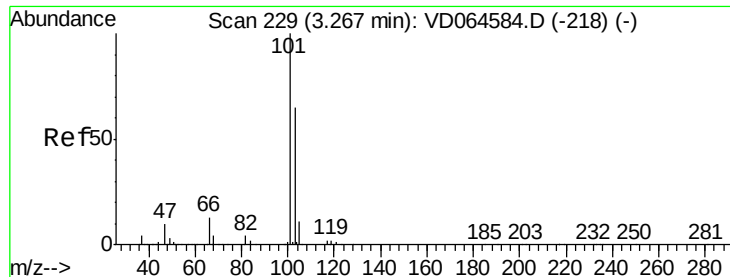
66 33.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



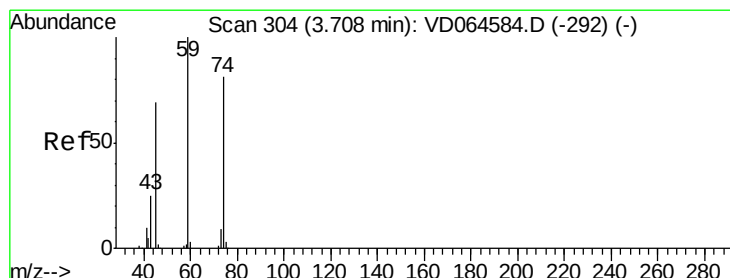
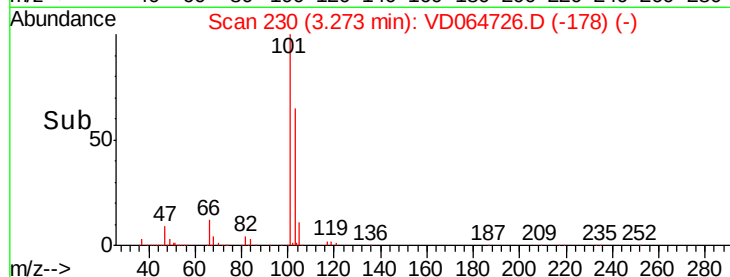
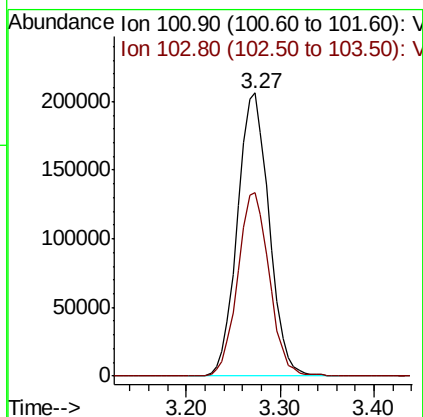
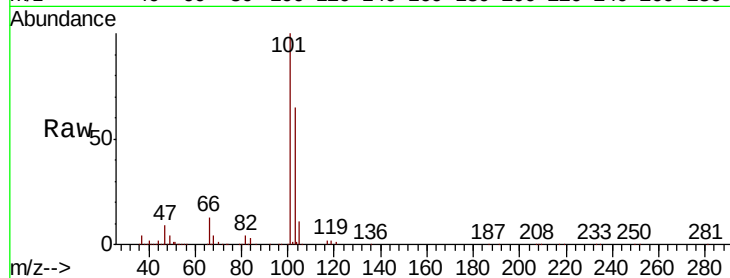


#7

Trichlorofluoromethane
Concen: 49.561 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

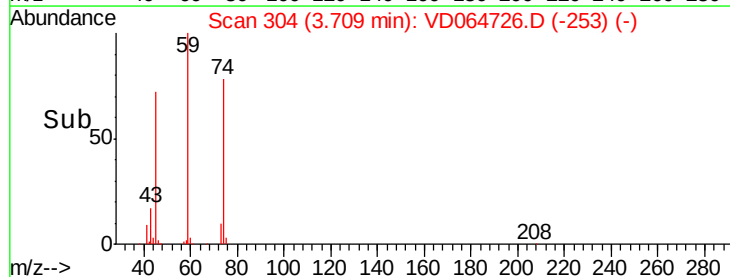
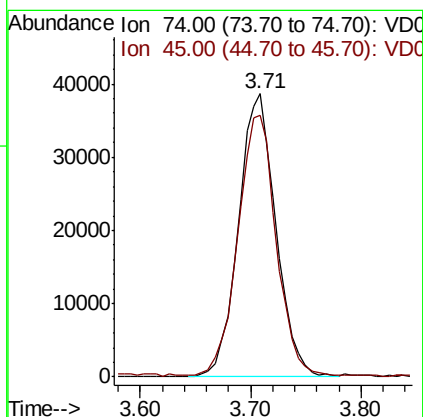
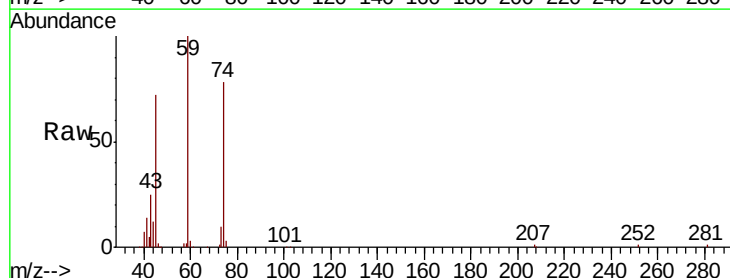
Tot Ion:101 Resp: 482465
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

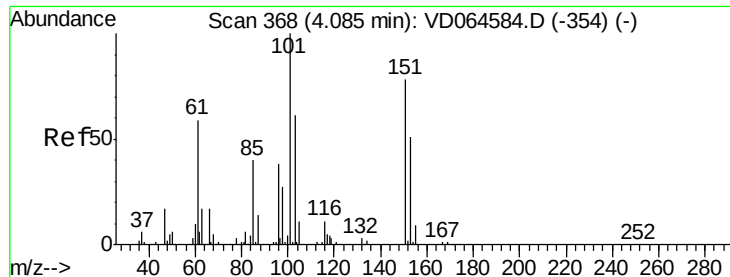


#8

Diethyl Ether
Concen: 47.569 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 74 Resp: 91955
Ion Ratio Lower Upper
74 100
45 96.1 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.527 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

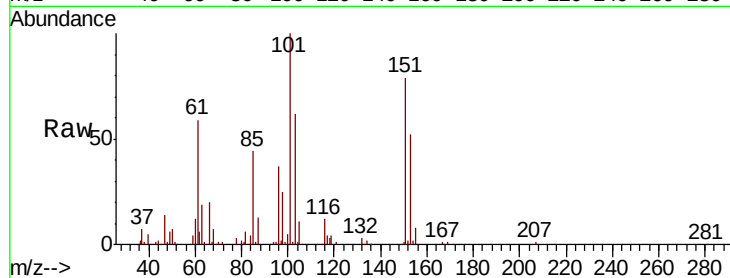
Tot Ion:101 Resp: 207733

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

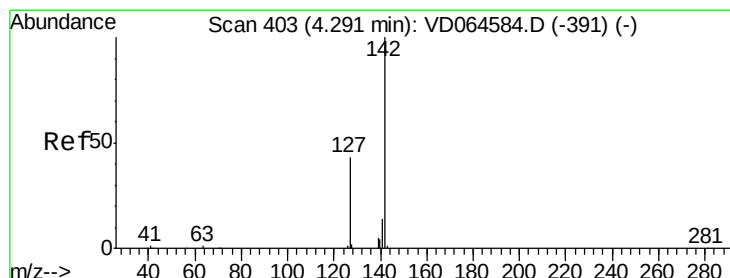
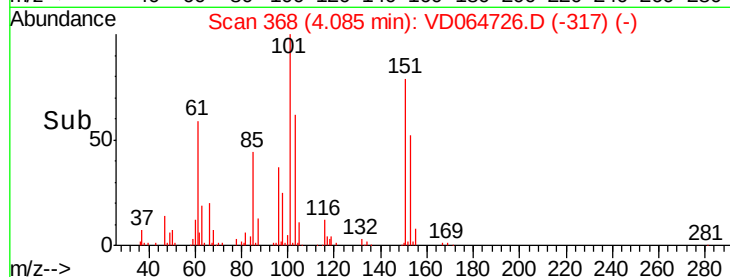
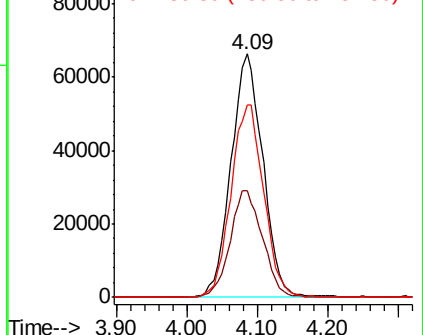
151 80.8 66.2 99.4



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: 52.119 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

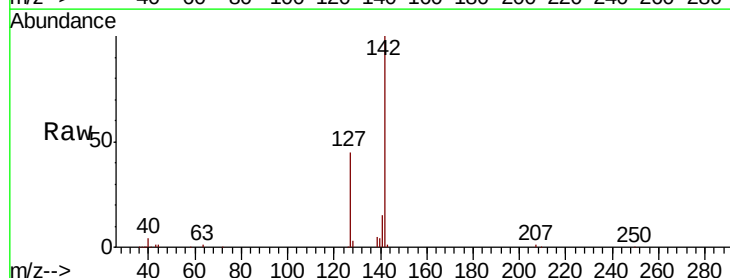
Tgt Ion:142 Resp: 225702

Ion Ratio Lower Upper

142 100

127 44.9 36.2 54.4

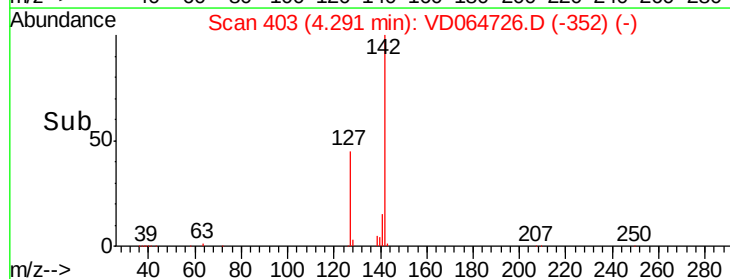
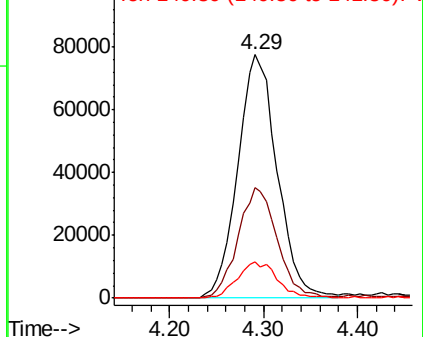
141 15.0 11.8 17.8

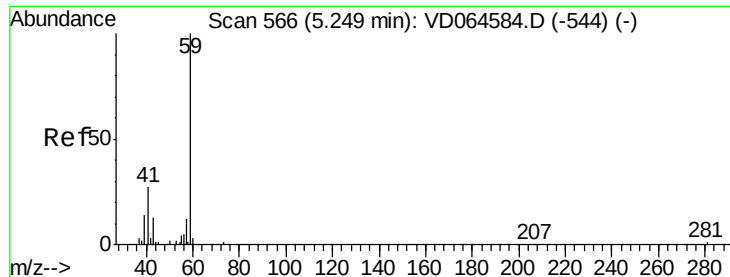


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

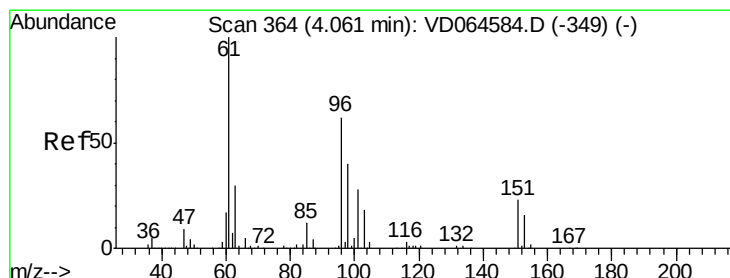
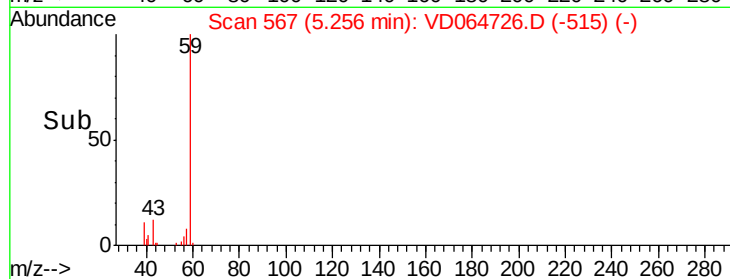
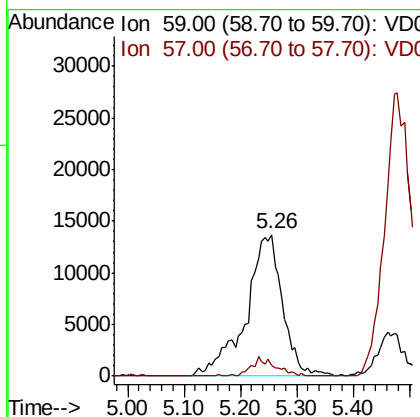
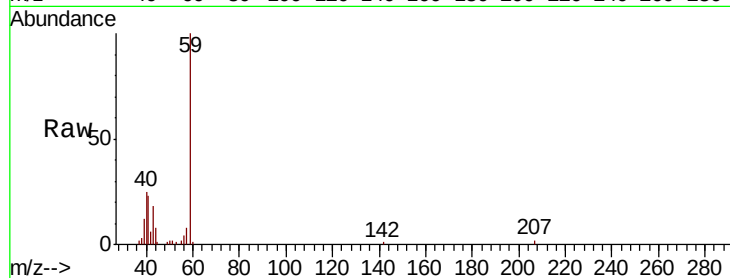




#11
Tert butyl alcohol
Concen: 279.904 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

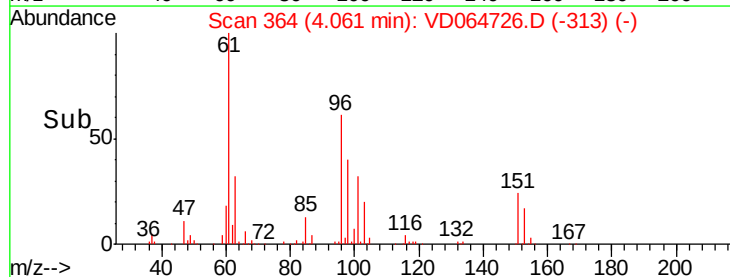
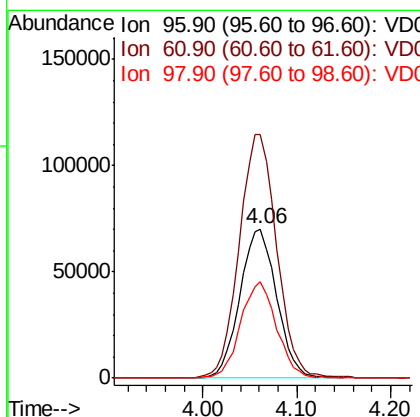
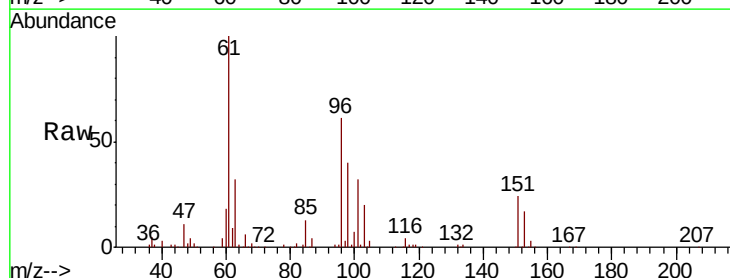
Instrument :
MSVOA_D
ClientSampled :

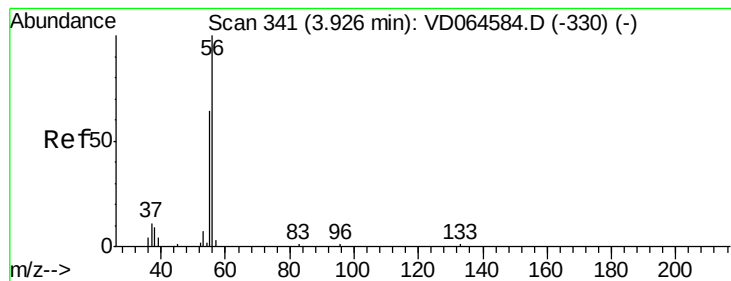
Tot Ion: 59 Resp: 61711
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 49.593 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 96 Resp: 190348
Ion Ratio Lower Upper
96 100
61 163.4 129.4 194.0
98 65.1 51.4 77.0





#13

Acrolein

Concen: 263.701 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

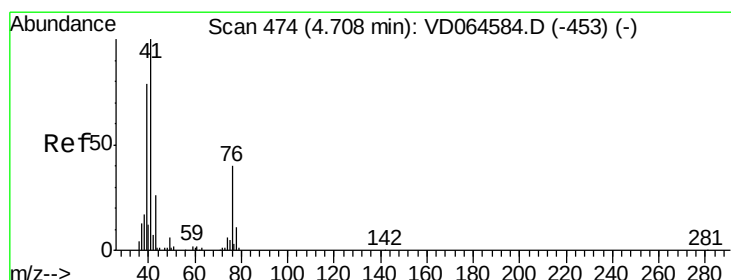
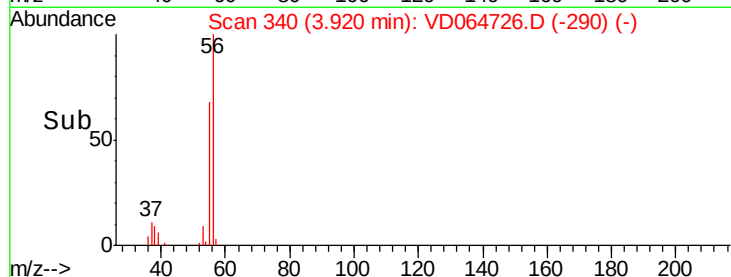
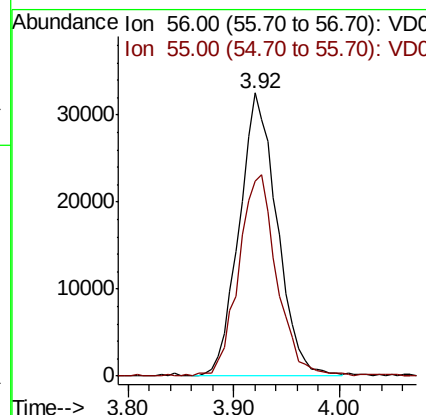
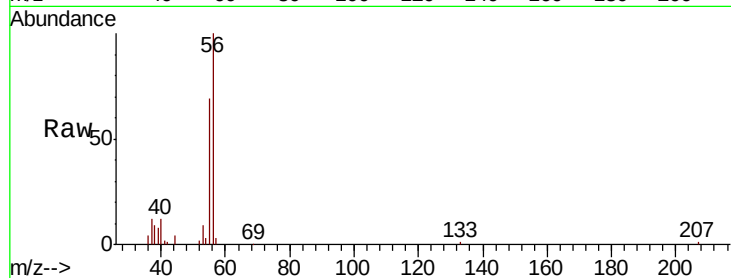
ClientSampleId :

Tot Ion: 56 Resp: 81025

Ion Ratio Lower Upper

56 100

55 71.7 56.7 85.1



#14

Allyl chloride

Concen: 50.911 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

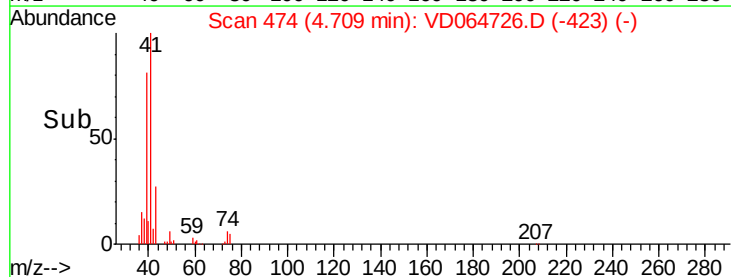
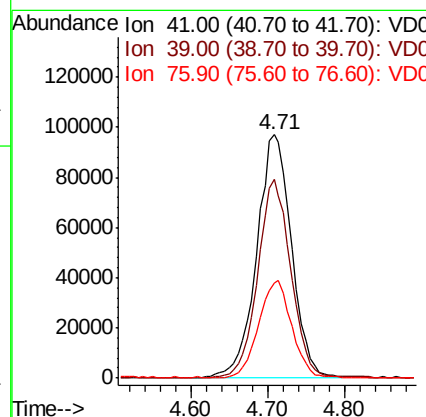
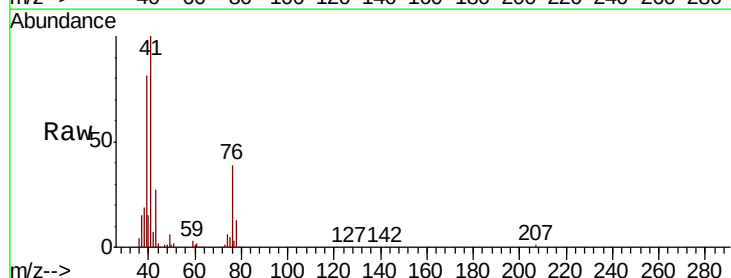
Tgt Ion: 41 Resp: 304669

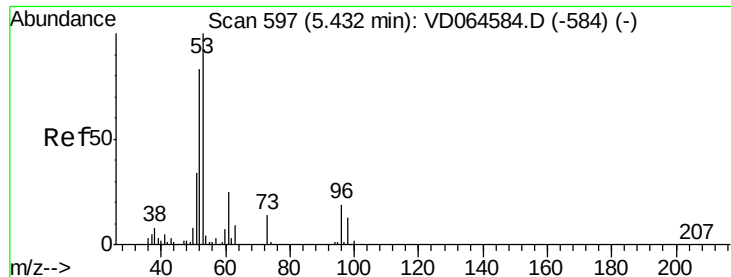
Ion Ratio Lower Upper

41 100

39 78.3 62.3 93.5

76 37.8 29.7 44.5





#15

Acrylonitrile

Concen: 242.050 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

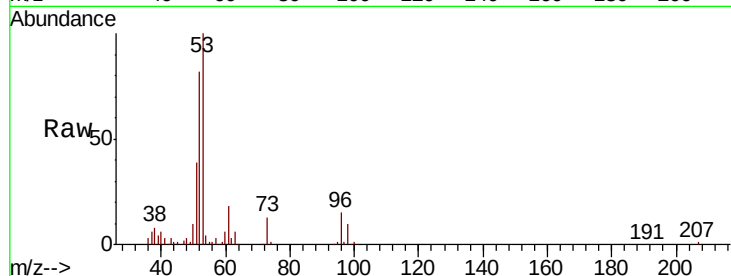
Tot Ion: 53 Resp: 194899

Ion Ratio Lower Upper

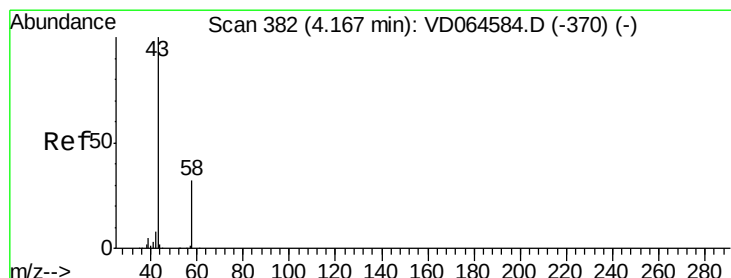
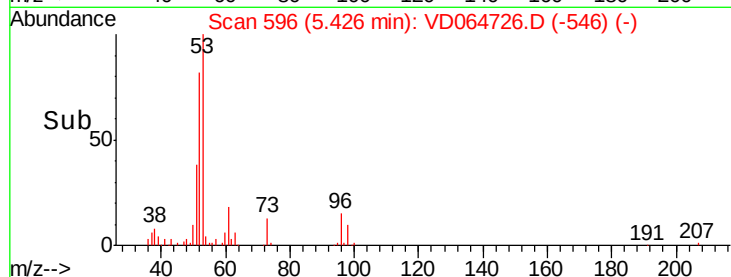
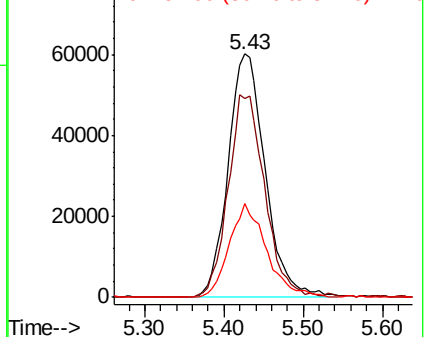
53 100

52 82.2 66.2 99.2

51 38.6 30.1 45.1



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



#16

Acetone

Concen: 300.474 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064726.D

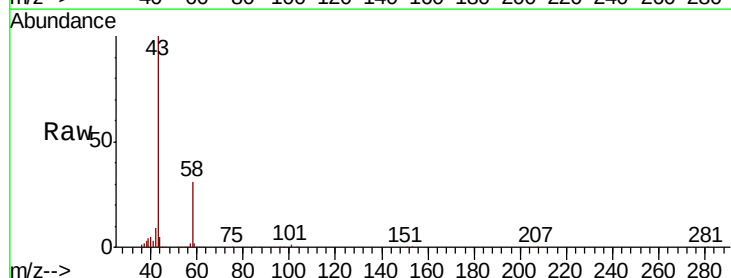
Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 238017

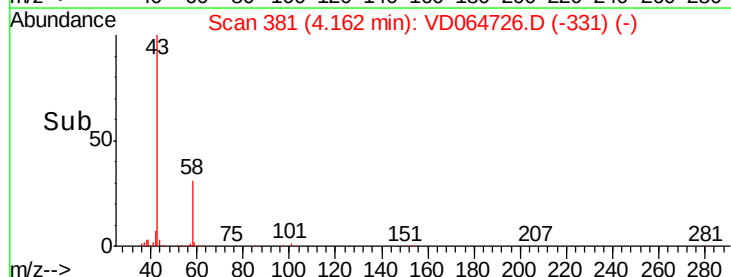
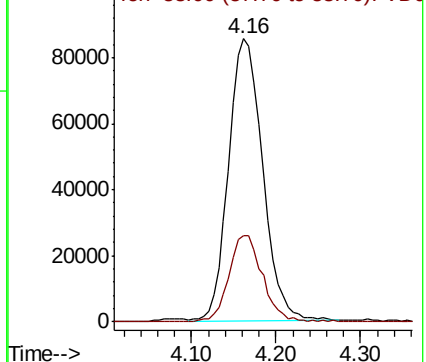
Ion Ratio Lower Upper

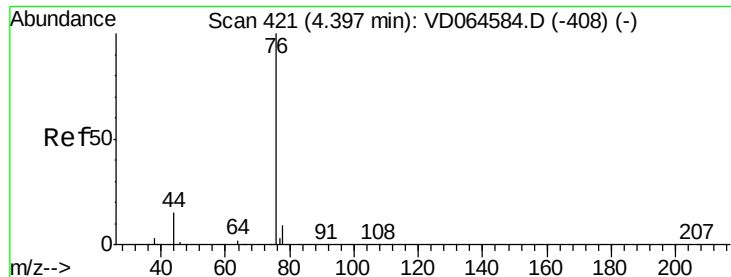
43 100

58 30.8 25.8 38.6



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

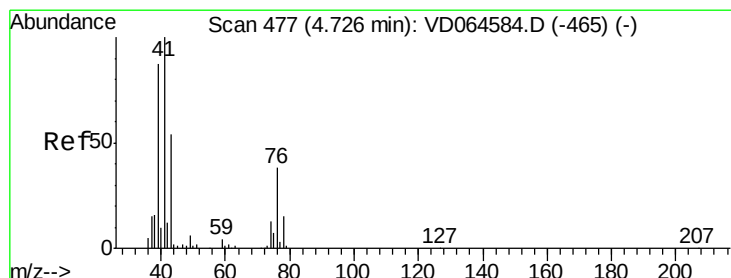
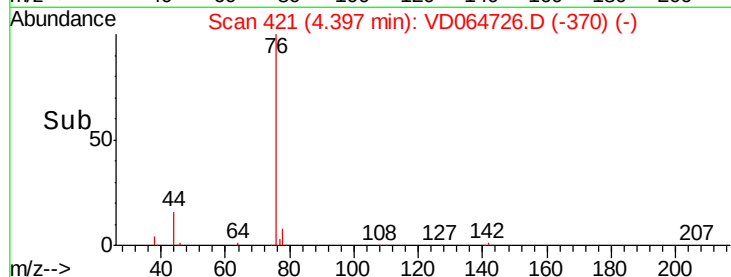
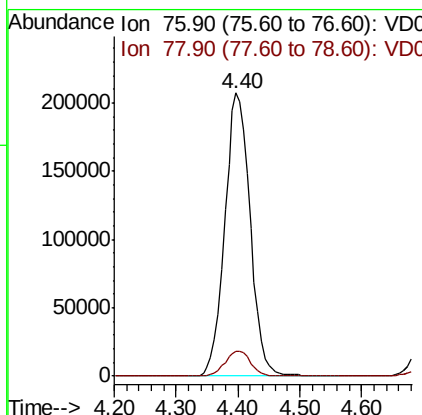
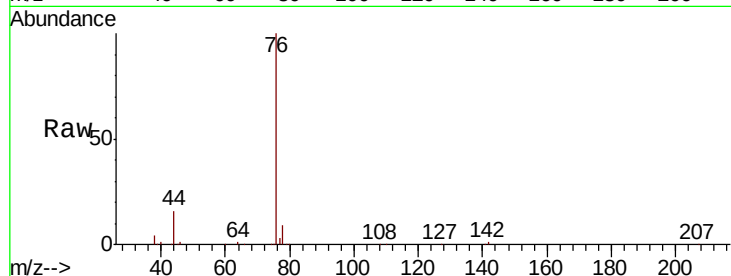




#17
Carbon Disulfide
Concen: 47.637 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

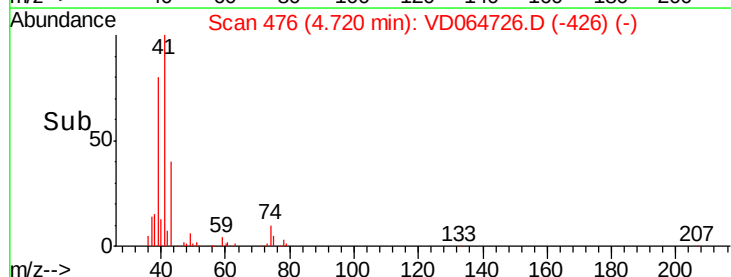
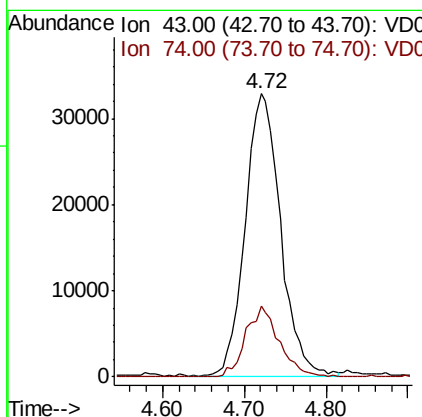
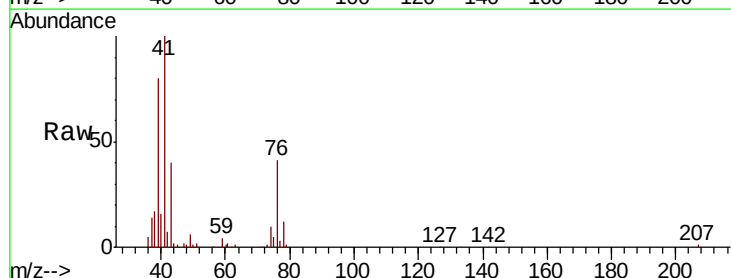
Instrument :
MSVOA_D
ClientSampleId :

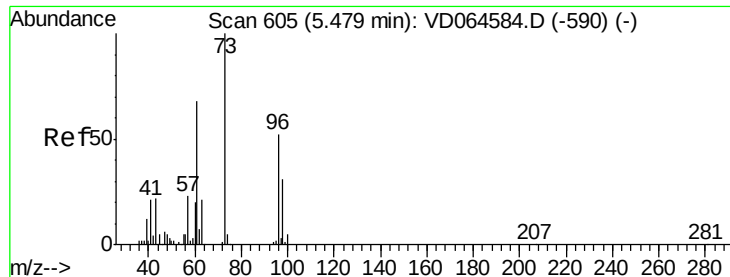
Tot Ion: 76 Resp: 591219
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 45.927 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 99469
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



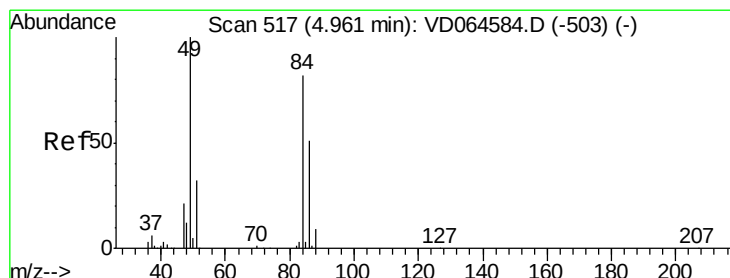
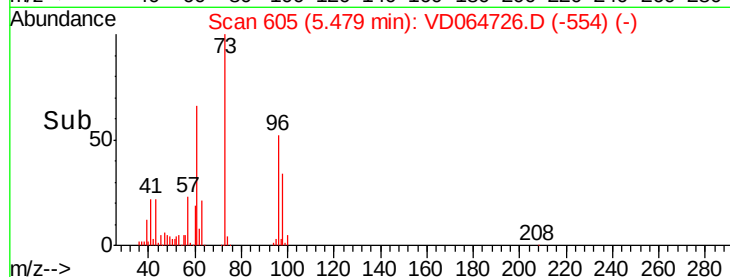
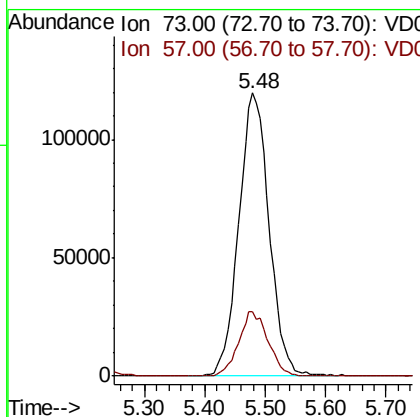
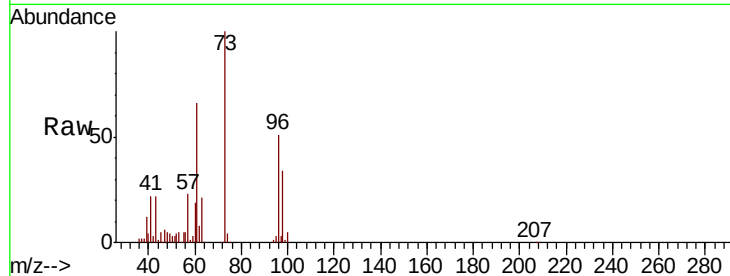


#19

Methyl tert-butyl Ether
 Concen: 48.820 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :

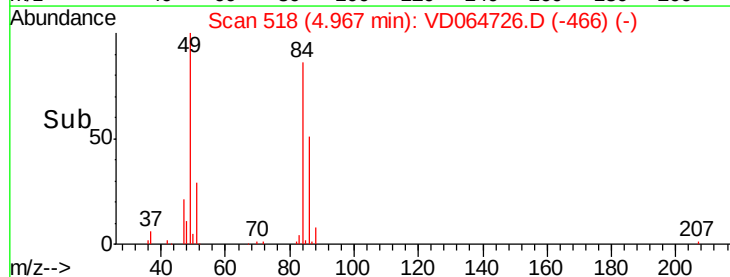
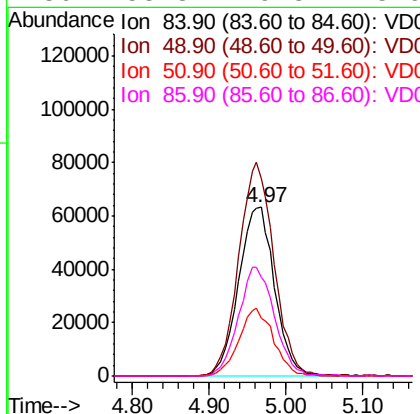
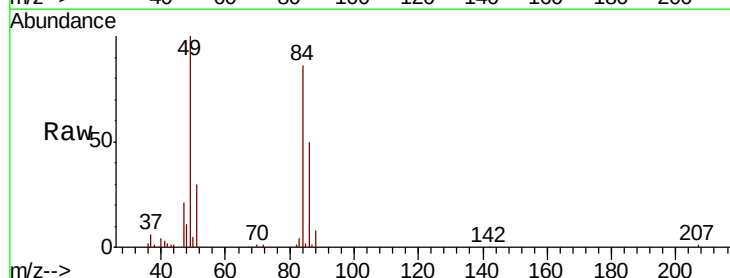
Tot Ion: 73 Resp: 416202
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.6 27.8

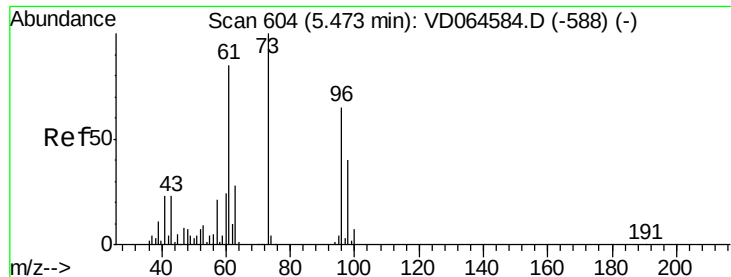


#20

Methylene Chloride
 Concen: 52.683 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 84 Resp: 206244
 Ion Ratio Lower Upper
 84 100
 49 116.7 97.2 145.8
 51 34.5 31.4 47.0
 86 58.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 49.983 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

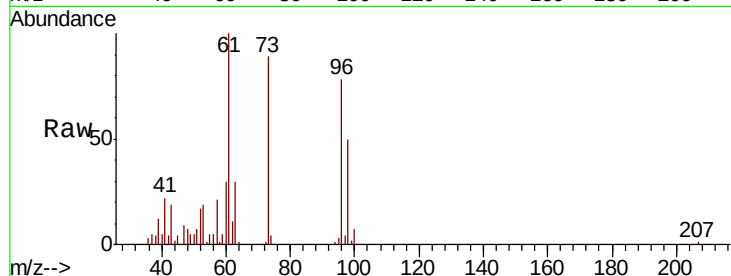
Tot Ion: 96 Resp: 218482

Ion Ratio Lower Upper

96 100

61 127.4 104.7 157.1

98 63.4 49.4 74.2

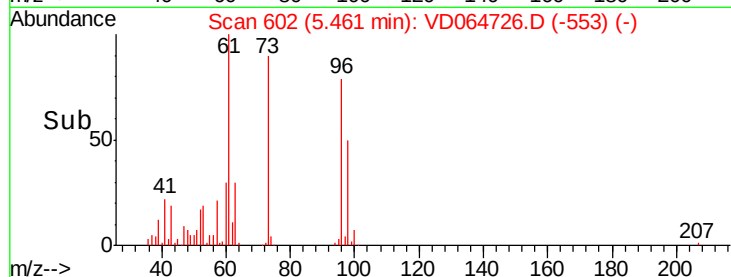
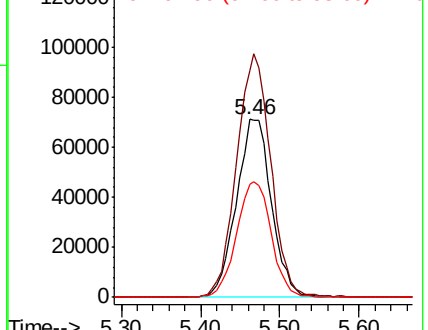


Abundance

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: 49.635 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion: 45 Resp: 592452

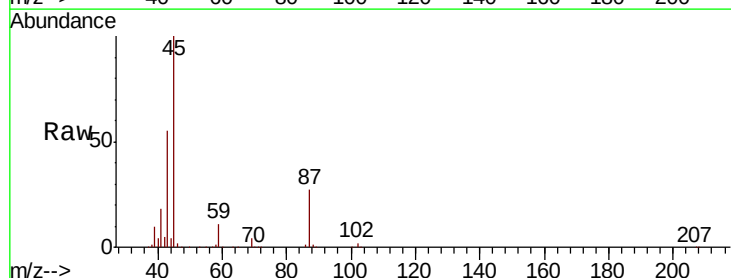
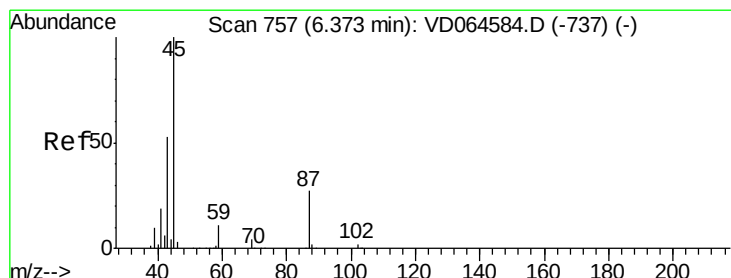
Ion Ratio Lower Upper

45 100

43 53.9 43.2 64.8

87 26.9 21.9 32.9

59 11.3 9.0 13.4



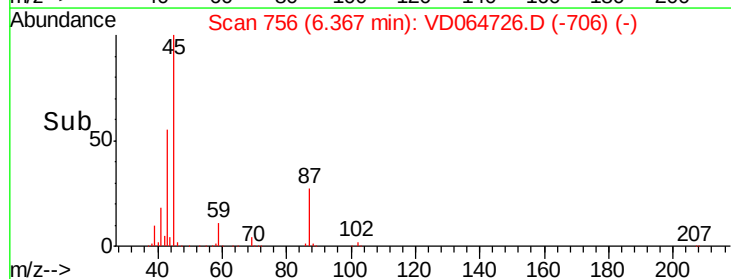
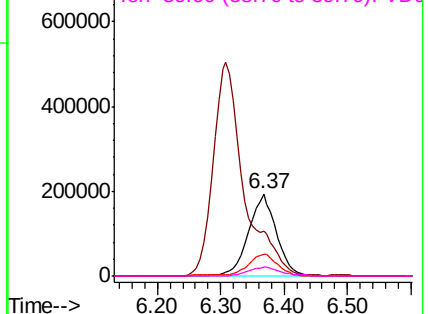
Abundance

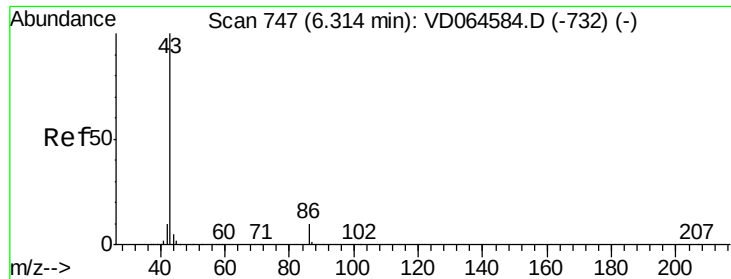
Ion 45.00 (44.70 to 45.70): VDC

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: 253.828 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

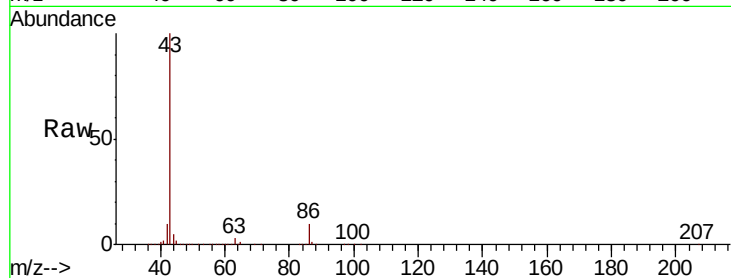
ClientSampleId :

Tot Ion: 43 Resp: 1718656

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

500000

400000

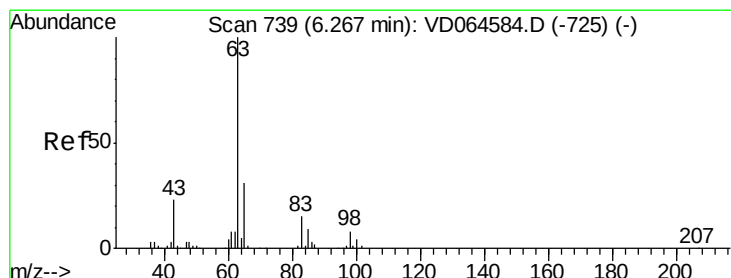
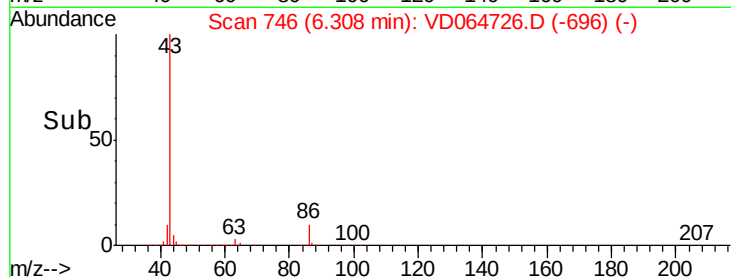
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 51.543 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

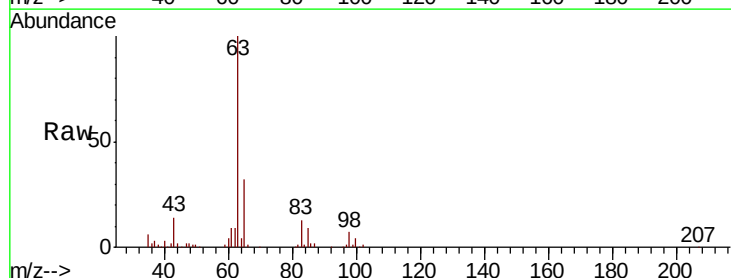
Tgt Ion: 63 Resp: 369344

Ion Ratio Lower Upper

63 100

98 6.7 4.1 12.3

100 4.0 2.2 6.6



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

6.26

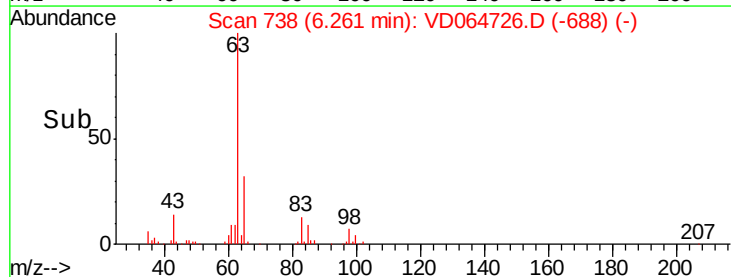
150000

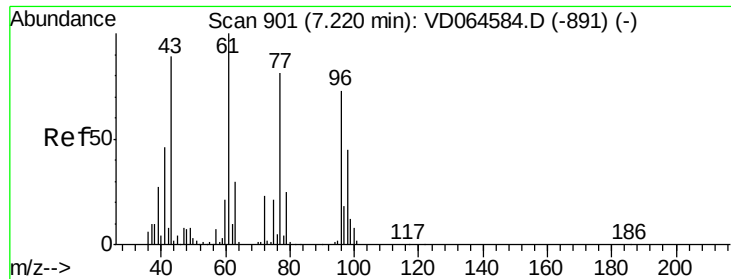
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 263.298 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

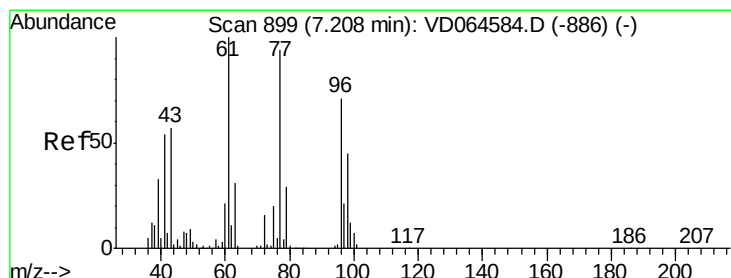
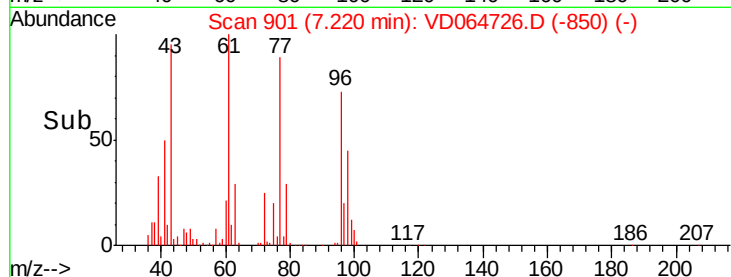
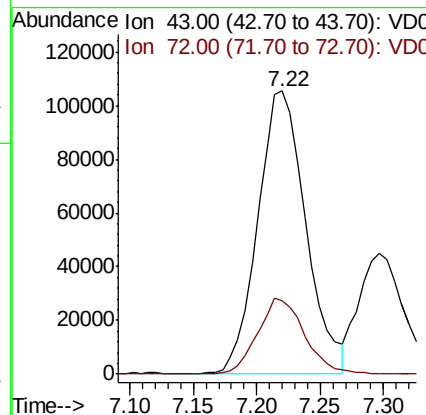
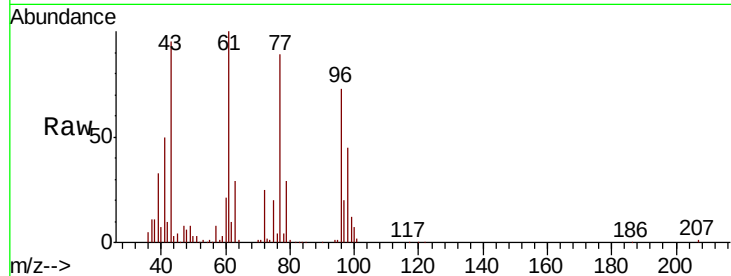
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 278422

Ion Ratio Lower Upper

43 100

72 25.8 20.7 31.1



#26

2,2-Dichloropropane

Concen: 52.977 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064726.D

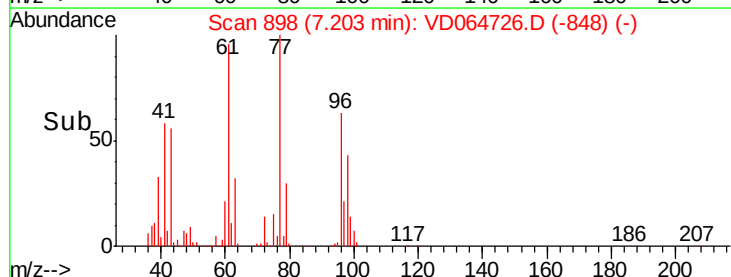
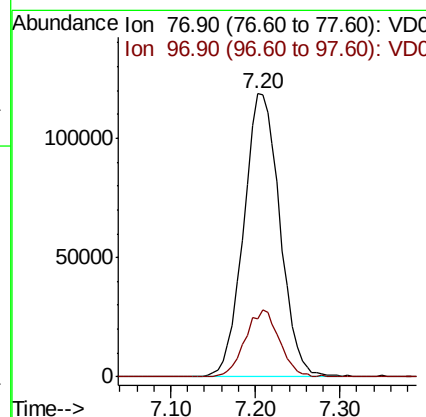
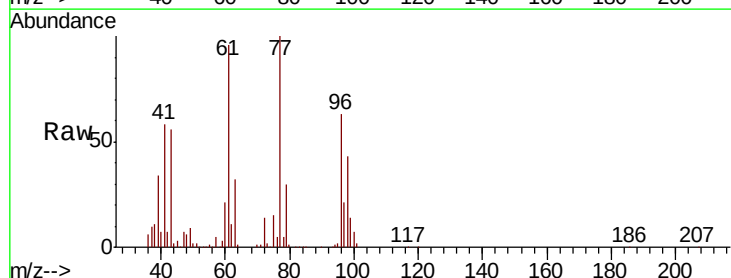
Acq: 03 Jan 2020 11:01

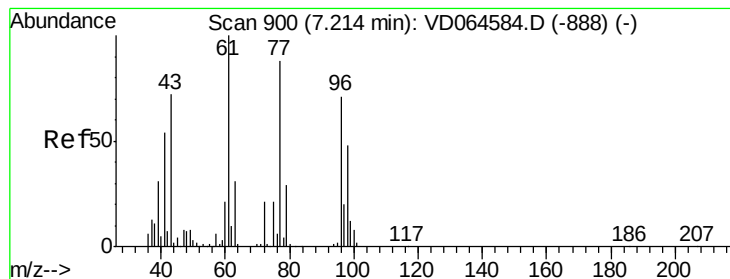
Tgt Ion: 77 Resp: 352951

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.200 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampled :

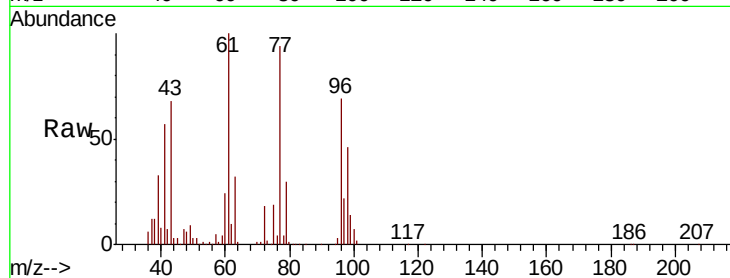
Tot Ion: 96 Resp: 236817

Ion Ratio Lower Upper

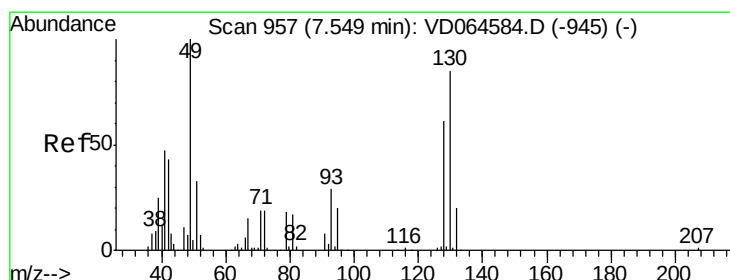
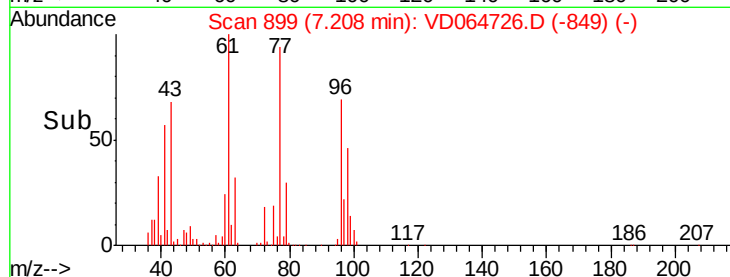
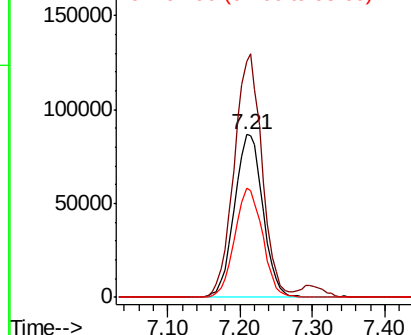
96 100

61 145.7 0.0 282.6

98 65.3 0.0 130.8



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



#28

Bromochloromethane

Concen: 50.326 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

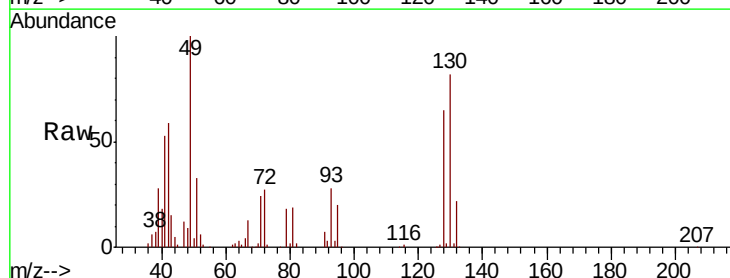
Tgt Ion: 49 Resp: 140185

Ion Ratio Lower Upper

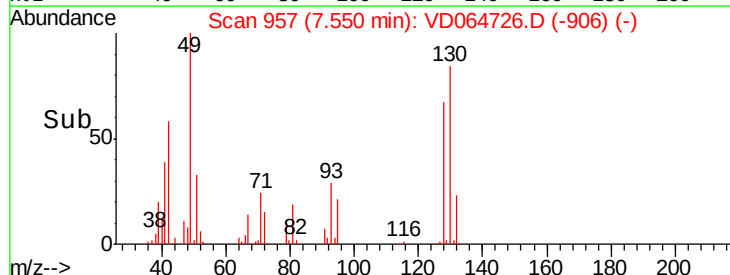
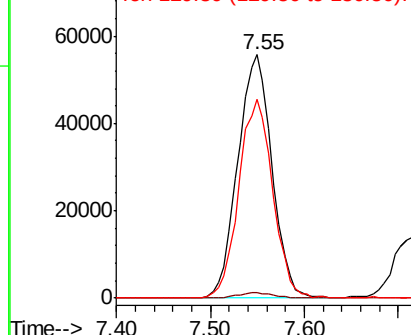
49 100

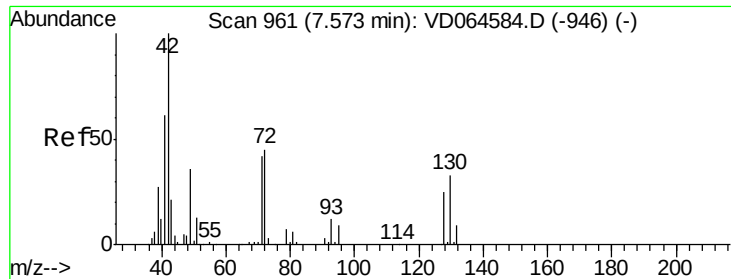
129 2.3 0.0 4.8

130 81.2 65.0 97.6



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





#29

Tetrahydrofuran

Concen: 238.245 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

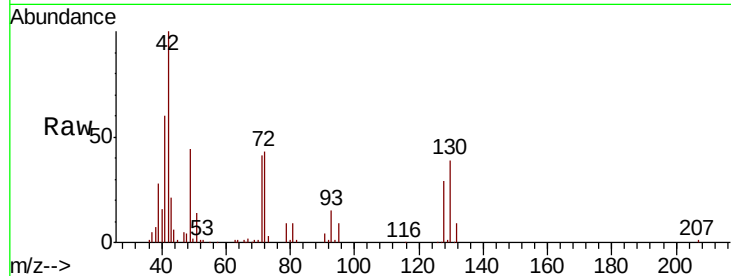
Tot Ion: 42 Resp: 156669

Ion Ratio Lower Upper

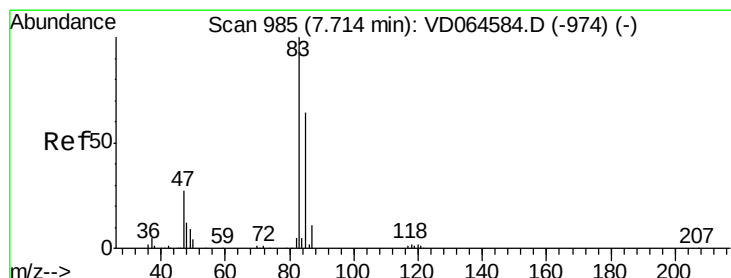
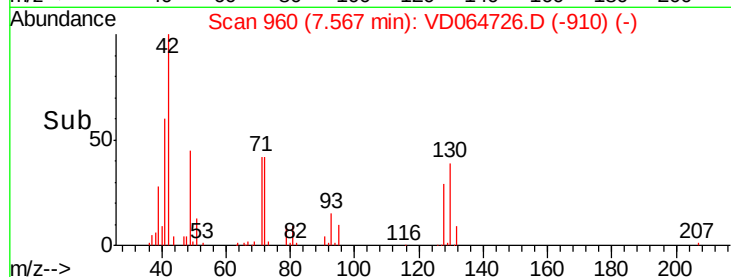
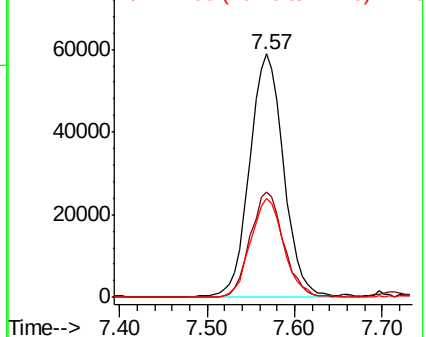
42 100

72 42.4 35.0 52.4

71 39.8 32.9 49.3



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



#30

Chloroform

Concen: 50.908 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064726.D

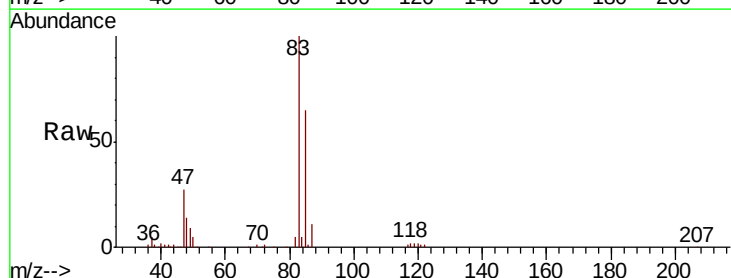
Acq: 03 Jan 2020 11:01

Tgt Ion: 83 Resp: 382731

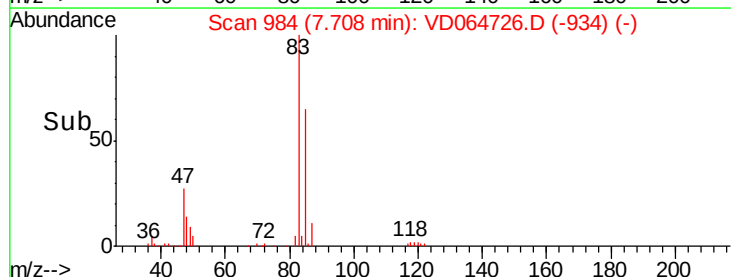
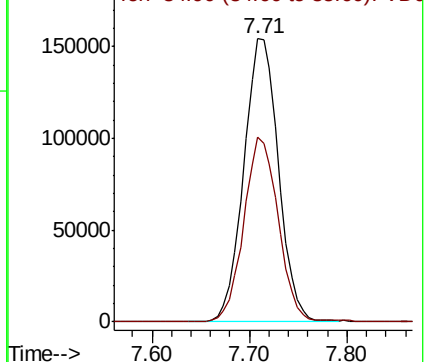
Ion Ratio Lower Upper

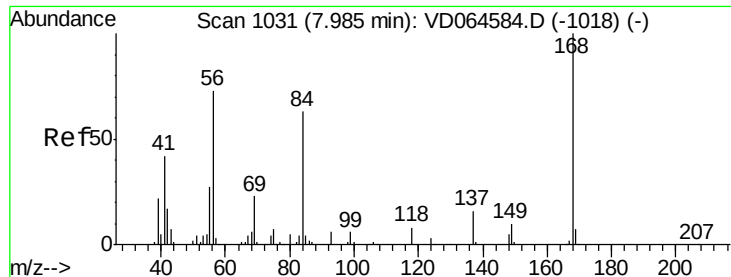
83 100

85 65.3 51.1 76.7



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

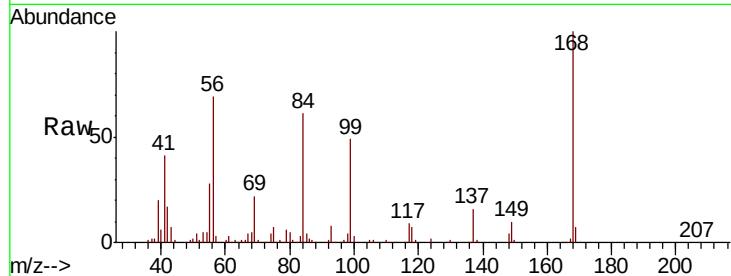




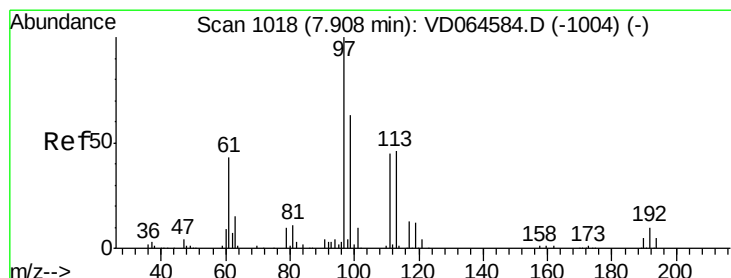
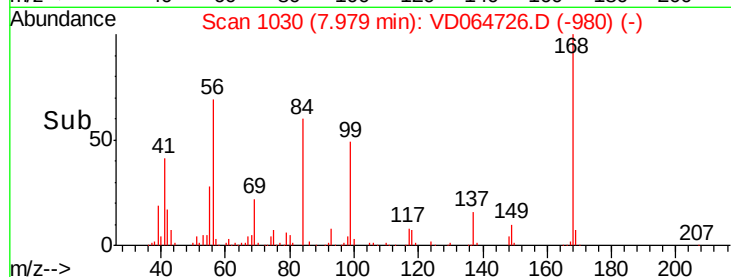
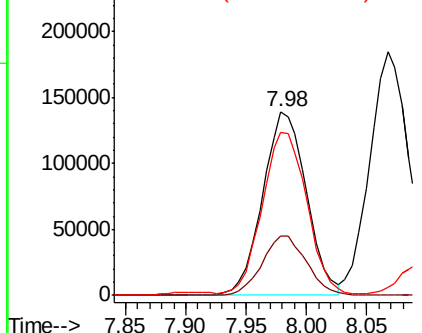
#31
Cyclohexane
Concen: 48.879 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 350602
Ion Ratio Lower Upper
56 100
69 32.3 24.7 37.1
84 86.6 69.4 104.2

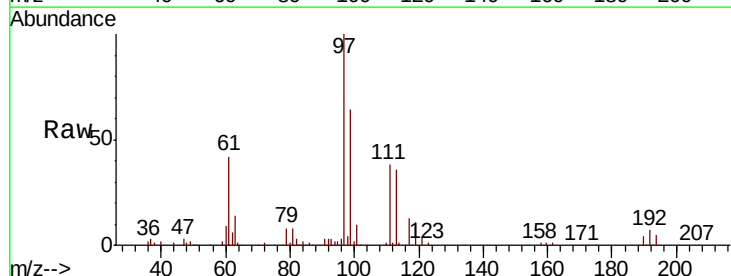


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

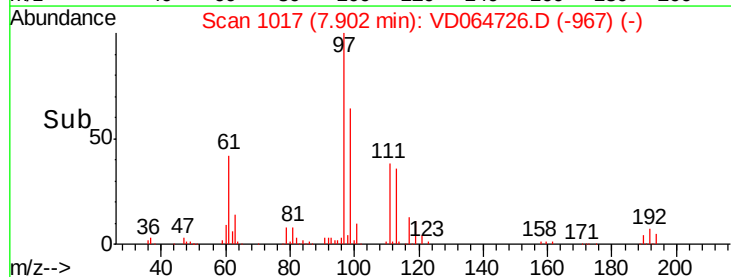
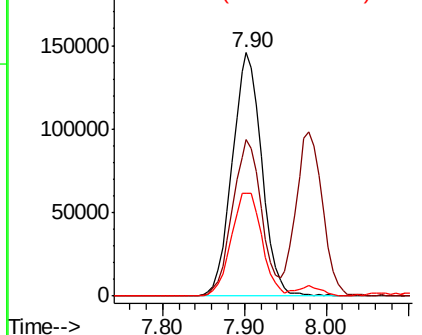


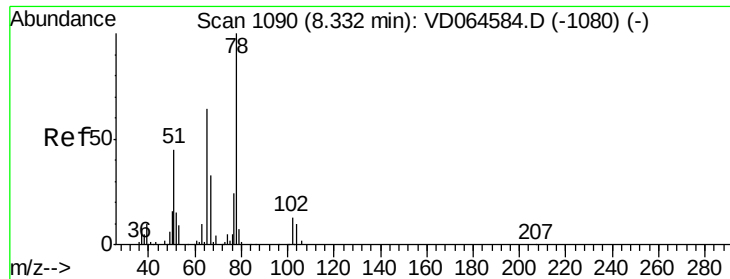
#32
1,1,1-Trichloroethane
Concen: 51.785 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 97 Resp: 365674
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 44.1 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

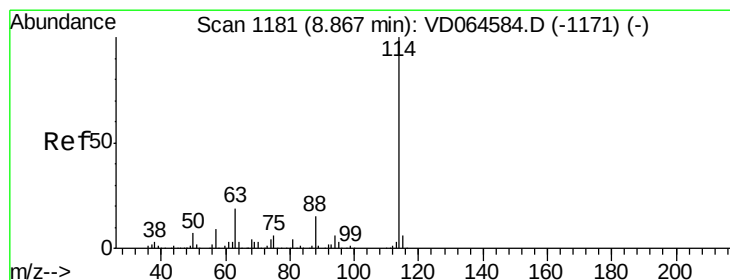
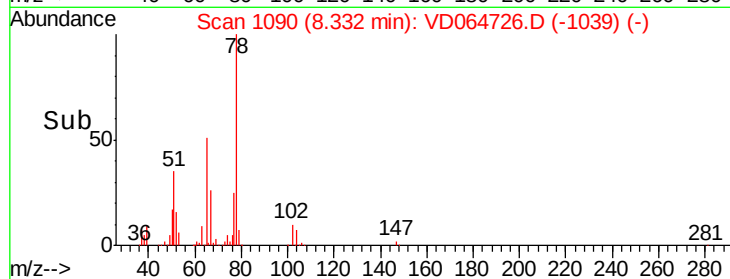
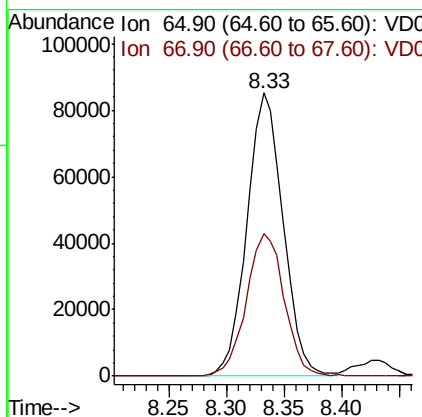
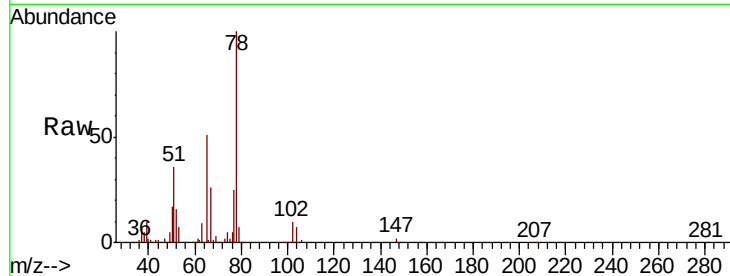




#33
 1,2-Dichloroethane-d4
 Concen: 48.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

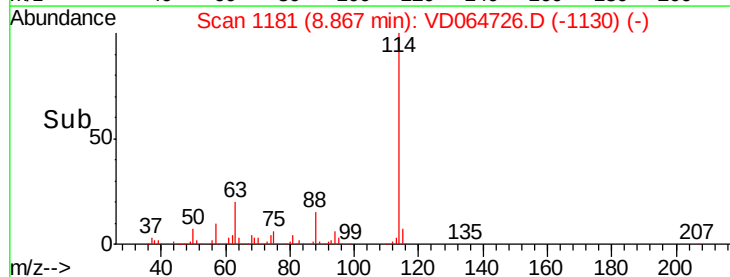
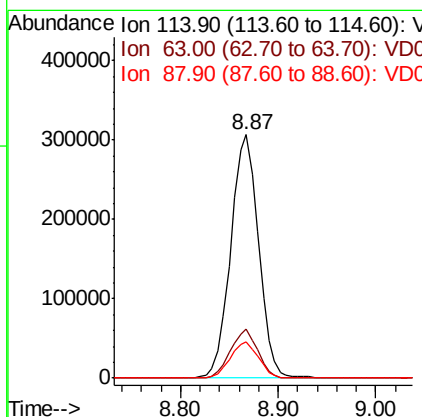
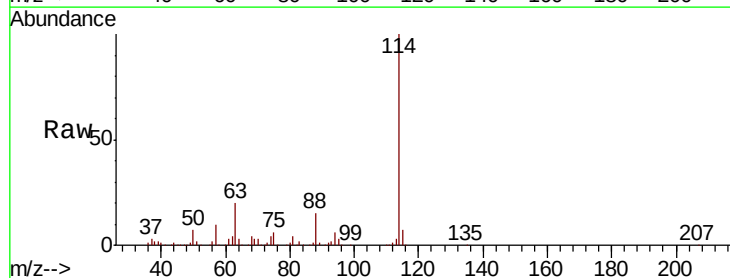
Instrument :
 MSVOA_D
 ClientSampleID :

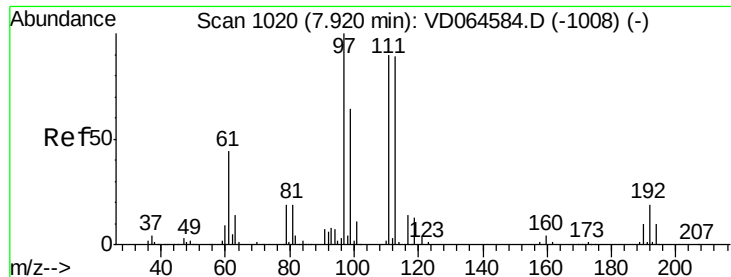
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.0
88	14.7	0.0	29.2

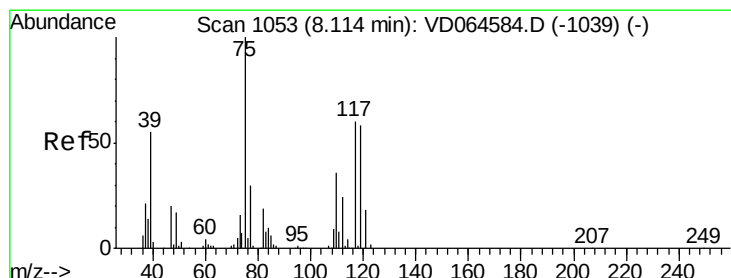
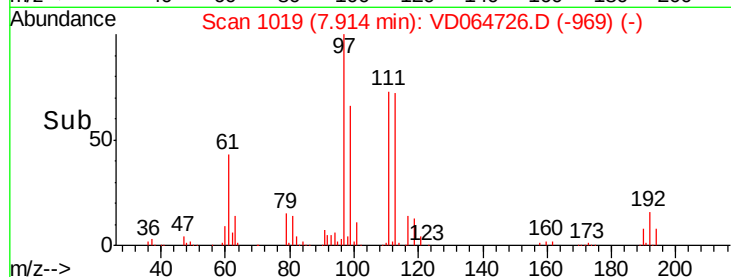
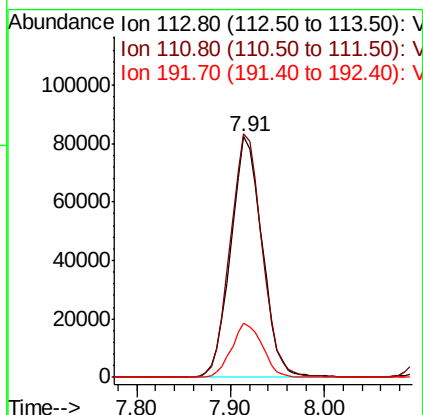
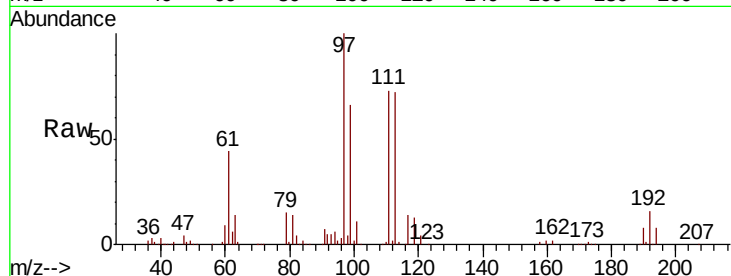




#35
 Dibromofluoromethane
 Concen: 51.175 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

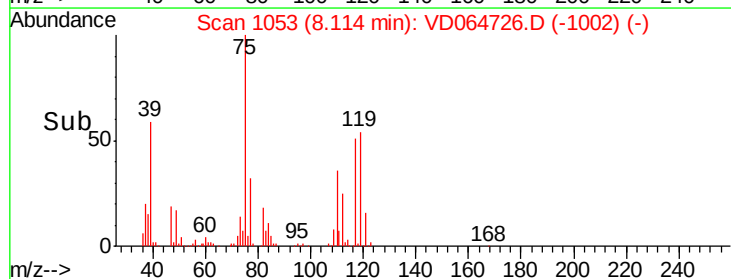
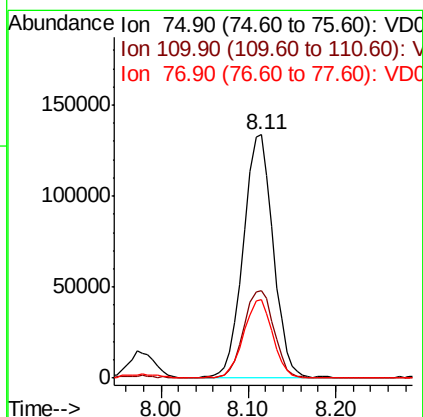
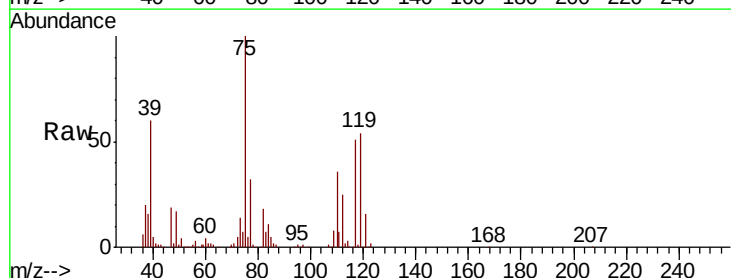
Instrument :
 MSVOA_D
 ClientSampled :

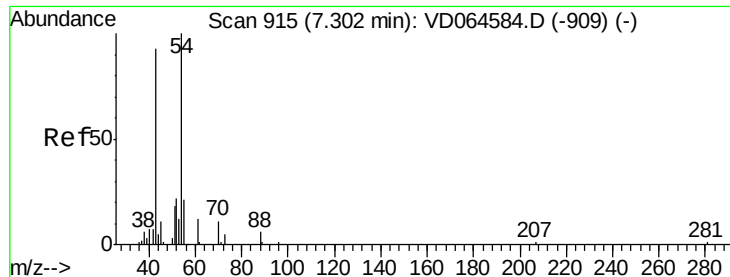
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	22.0	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 52.550 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.7	24.2	36.4

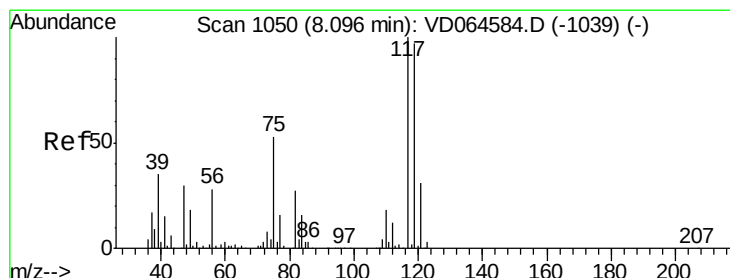
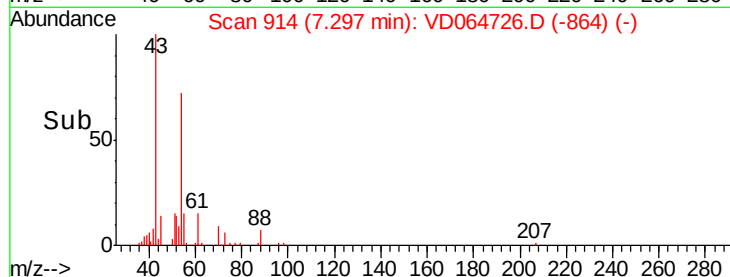
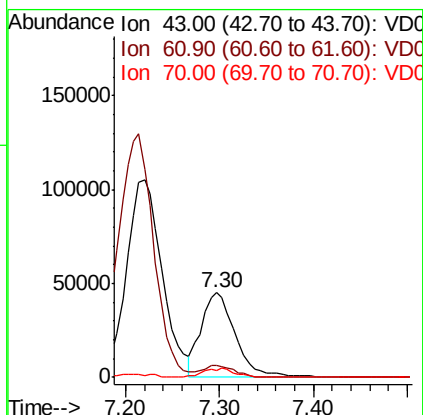
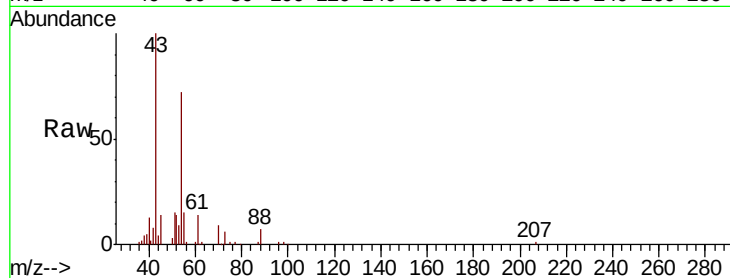




#37
Ethyl Acetate
Concen: 49.174 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

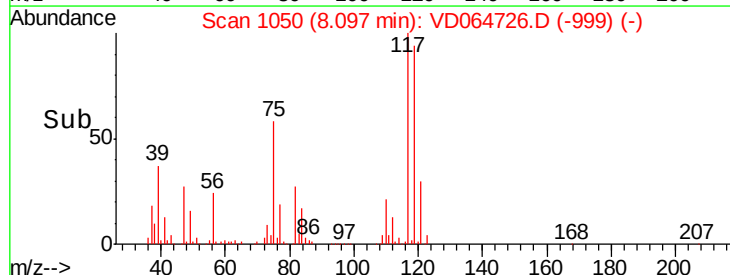
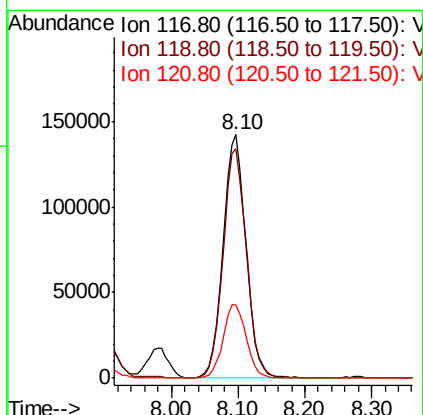
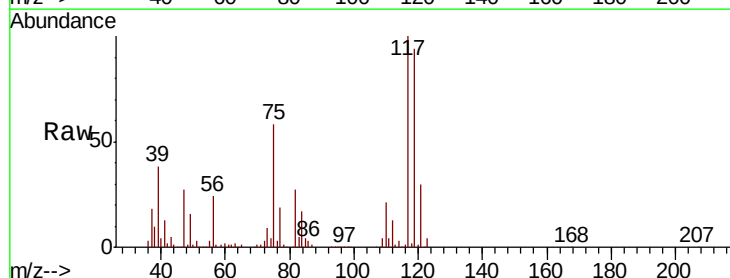
Instrument :
MSVOA_D
ClientSampleId :

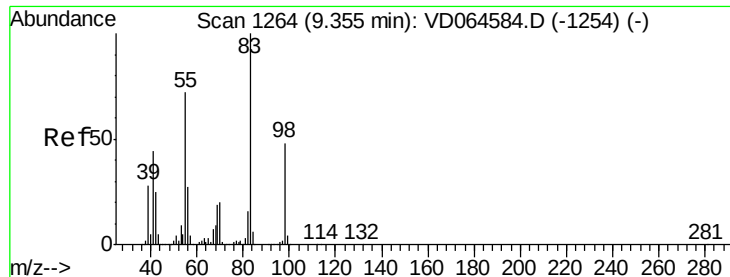
Tot Ion: 43 Resp: 113446
Ion Ratio Lower Upper
43 100
61 12.3 10.3 15.5
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 54.898 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 117 Resp: 343767
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 30.2 25.0 37.6

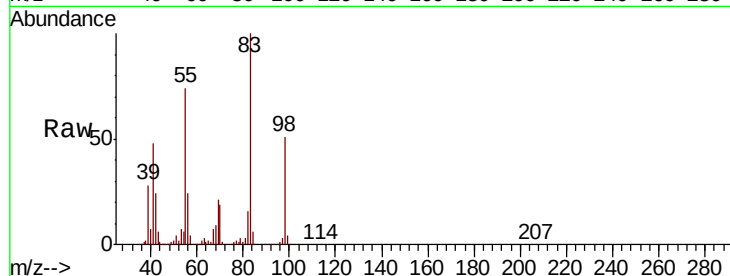




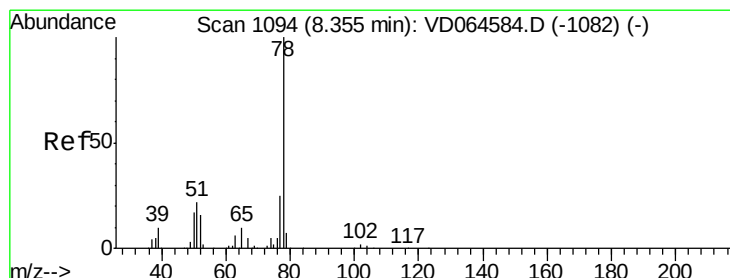
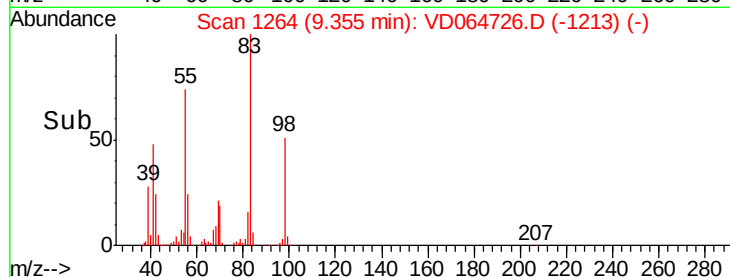
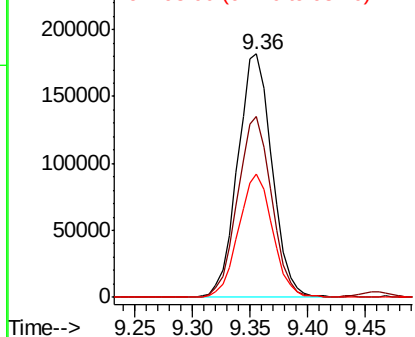
#39
Methylvlcyclohexane
Concen: 52.838 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 375825
Ion Ratio Lower Upper
83 100
55 74.1 57.8 86.6
98 50.6 38.7 58.1

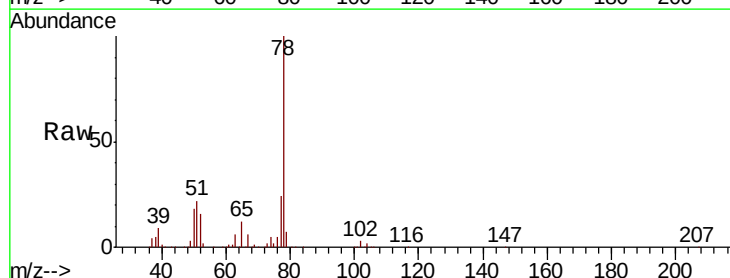


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

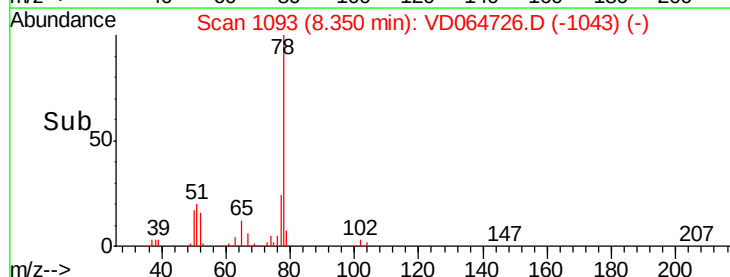
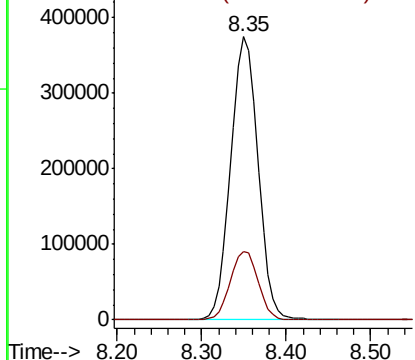


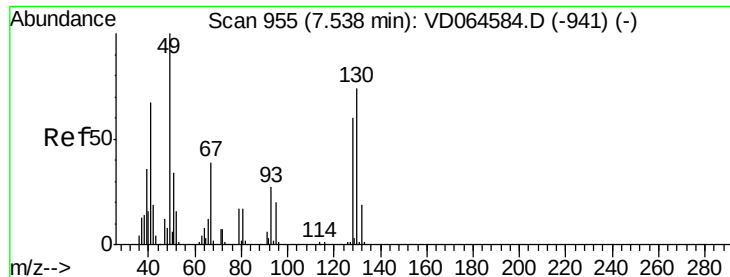
#40
Benzene
Concen: 52.189 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 78 Resp: 836662
Ion Ratio Lower Upper
78 100
77 24.0 19.9 29.9



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

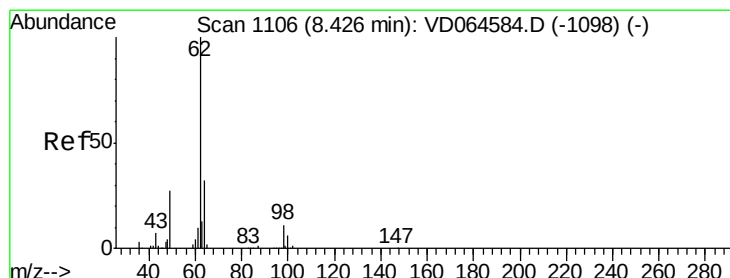
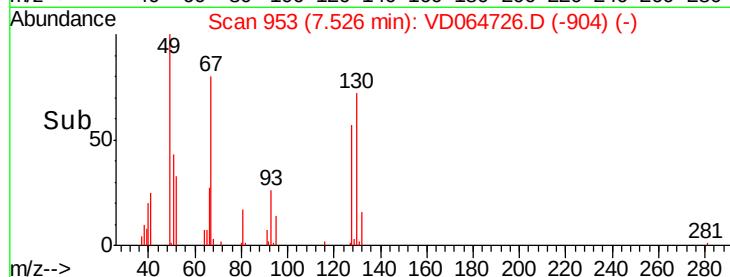
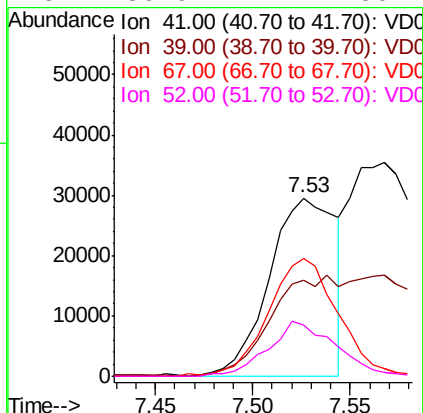
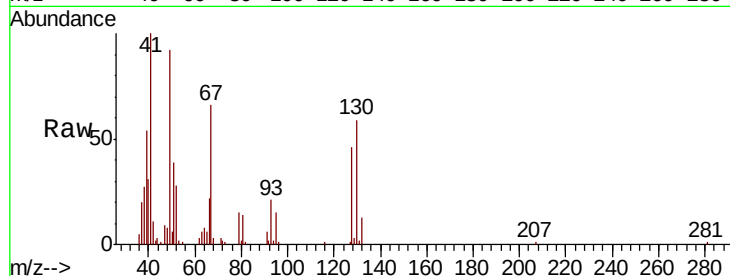




#41
Methacrylonitrile
Concen: 52.559 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

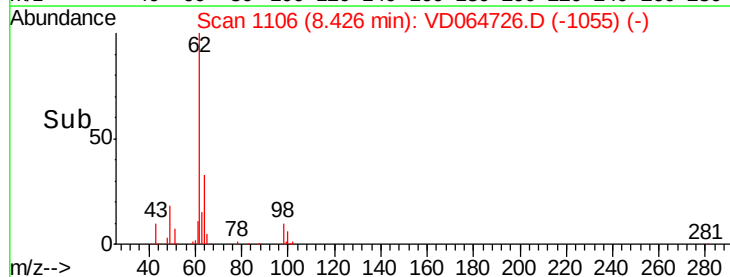
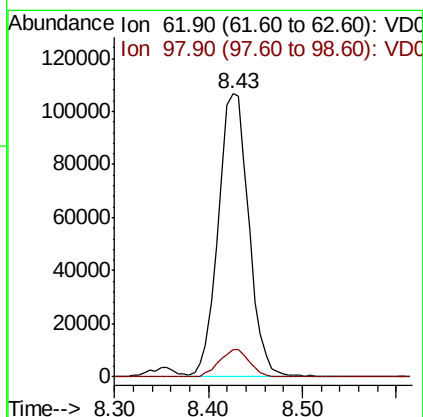
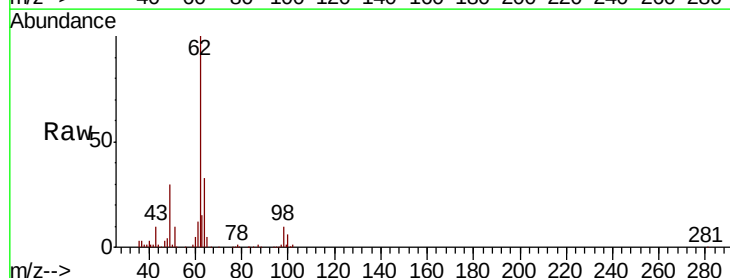
Instrument :
MSVOA_D
ClientSampleId :

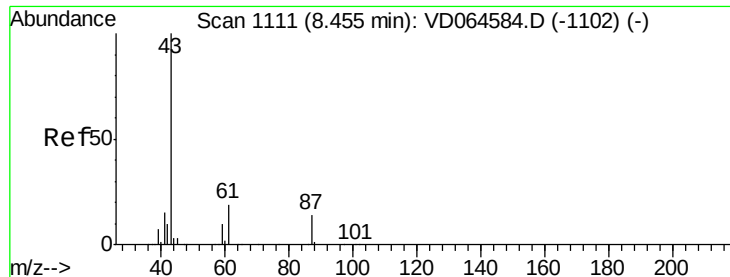
Tot Ion: 41 Resp: 70353
Ion Ratio Lower Upper
41 100
39 40.5 46.7 70.1#
67 68.4 52.5 78.7
52 30.9 24.1 36.1



#42
1,2-Dichloroethane
Concen: 52.280 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 62 Resp: 242197
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.0





#43

Isopropyl Acetate

Concen: 49.209 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

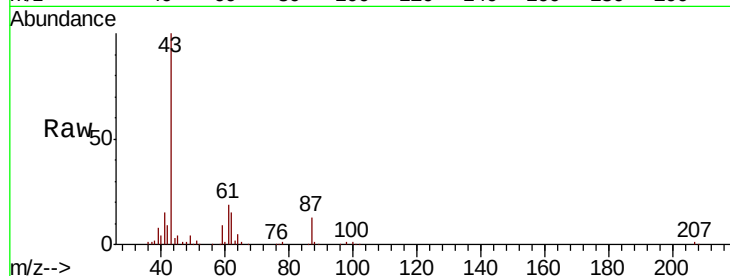
Tot Ion: 43 Resp: 225966

Ion Ratio Lower Upper

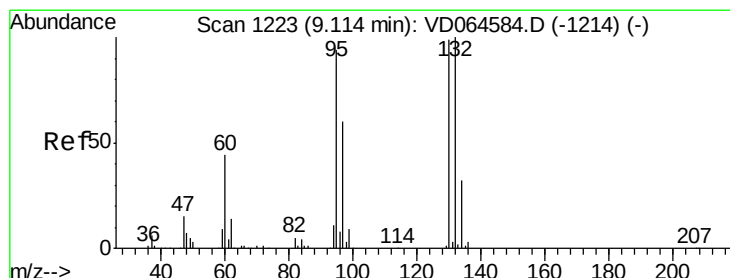
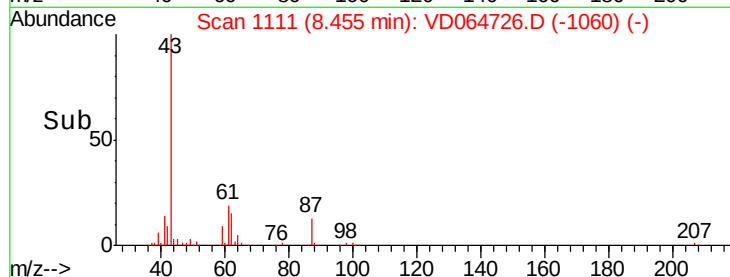
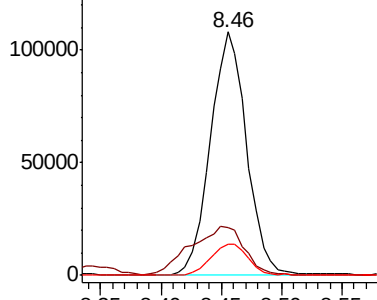
43 100

61 29.9 23.7 35.5

87 13.3 10.5 15.7



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: 51.948 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064726.D

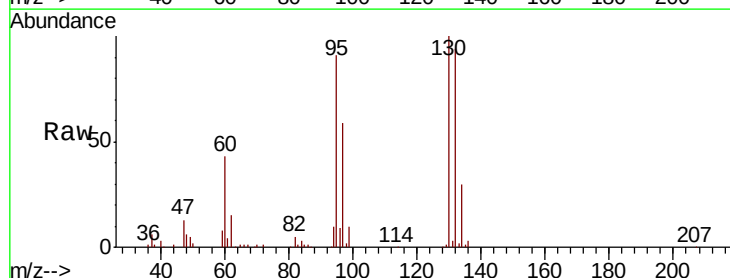
Acq: 03 Jan 2020 11:01

Tgt Ion:130 Resp: 244649

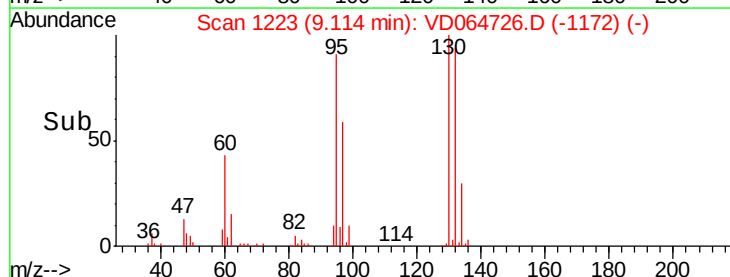
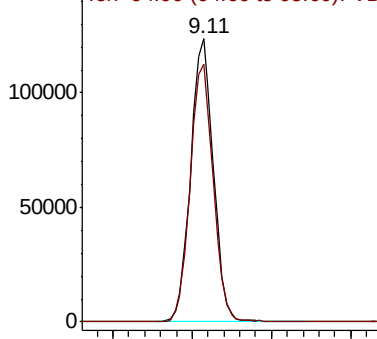
Ion Ratio Lower Upper

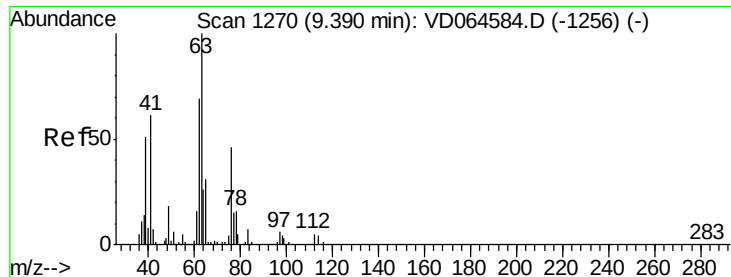
130 100

95 91.0 0.0 190.2



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





#45

1,2-Dichloropropane

Concen: 51.938 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

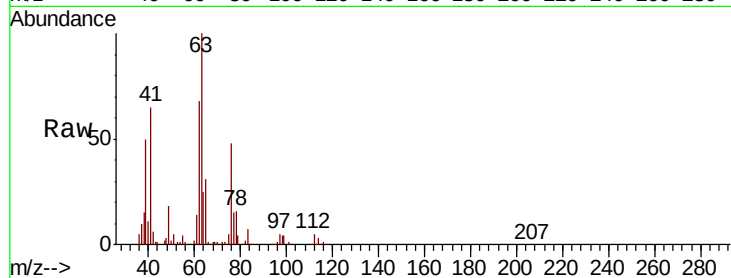
ClientSampled :

Tot Ion: 63 Resp: 198802

Ion Ratio Lower Upper

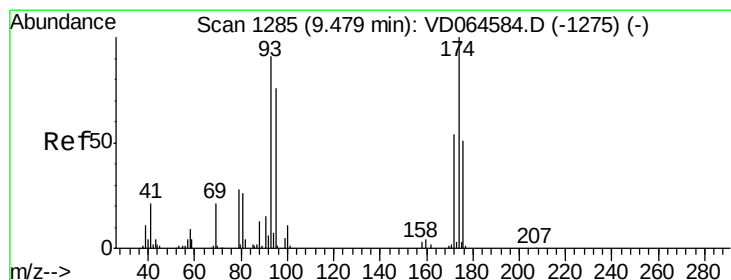
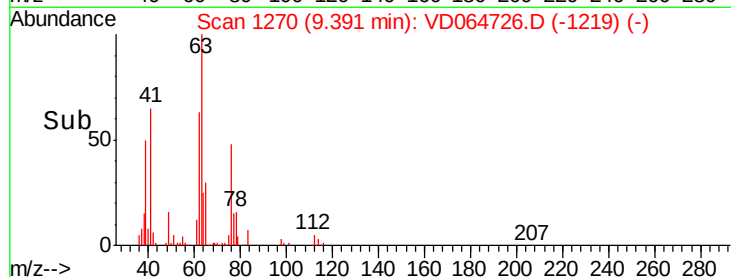
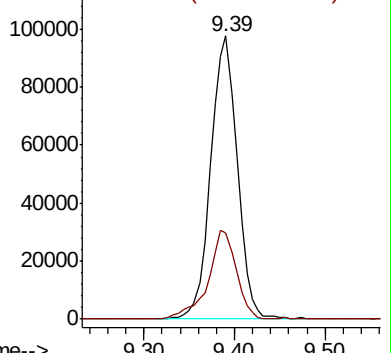
63 100

65 30.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.174 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

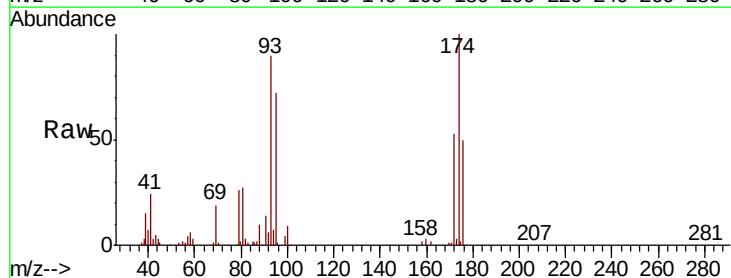
Tgt Ion: 93 Resp: 107076

Ion Ratio Lower Upper

93 100

95 83.3 64.6 97.0

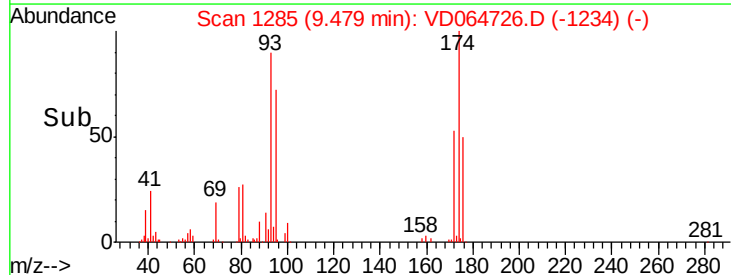
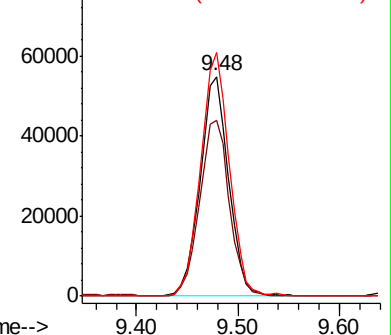
174 110.8 88.1 132.1

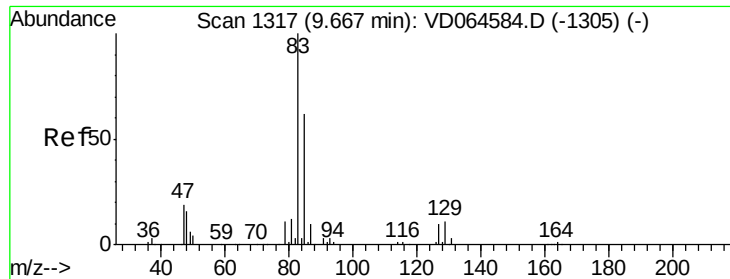


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.076 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

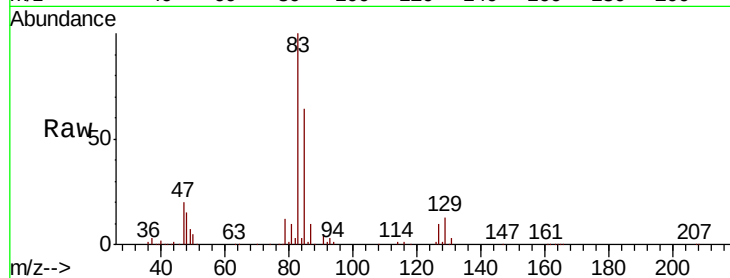
Tot Ion: 83 Resp: 290047

Ion Ratio Lower Upper

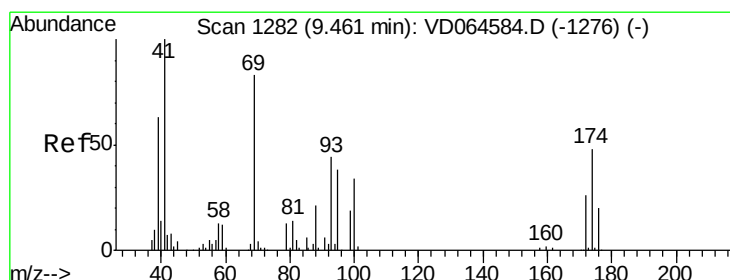
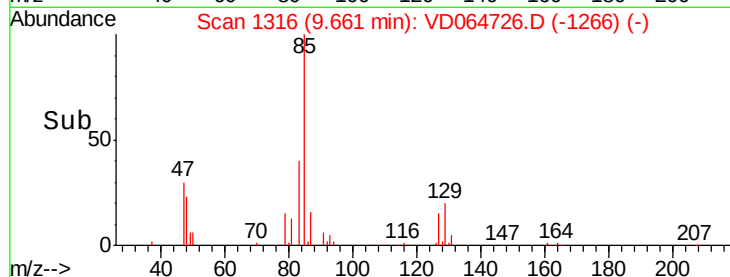
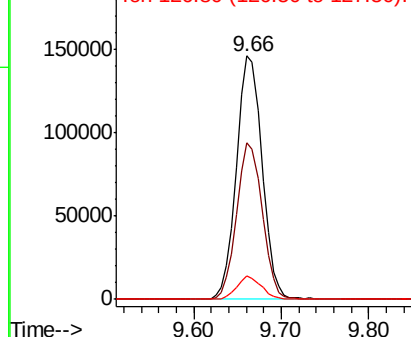
83 100

85 64.4 49.5 74.3

127 9.7 7.8 11.6



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



#48

Methyl methacrylate

Concen: 47.237 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

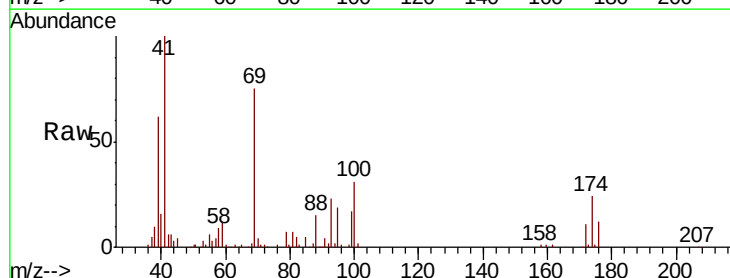
Tgt Ion: 41 Resp: 102133

Ion Ratio Lower Upper

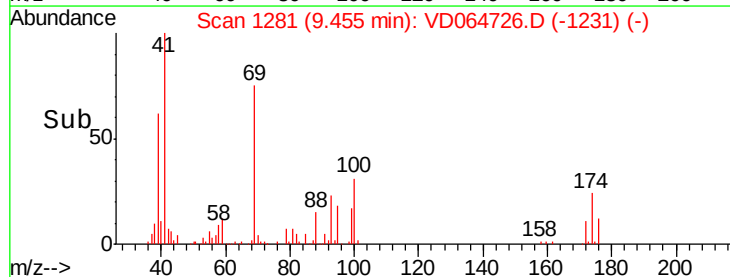
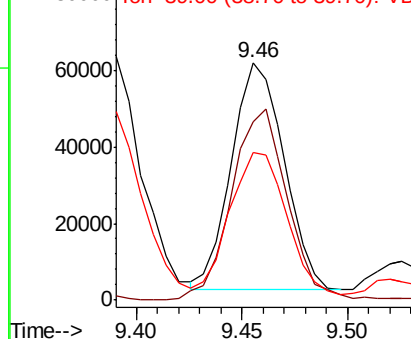
41 100

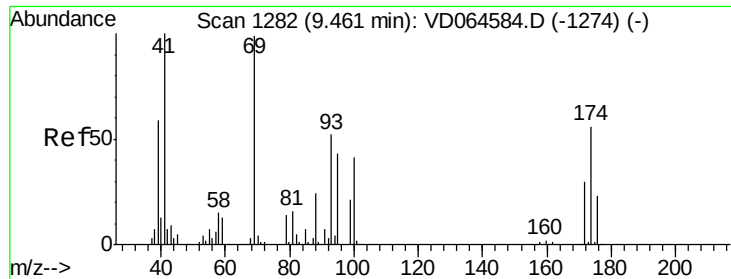
69 90.0 63.0 94.6

39 67.5 47.4 71.2



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

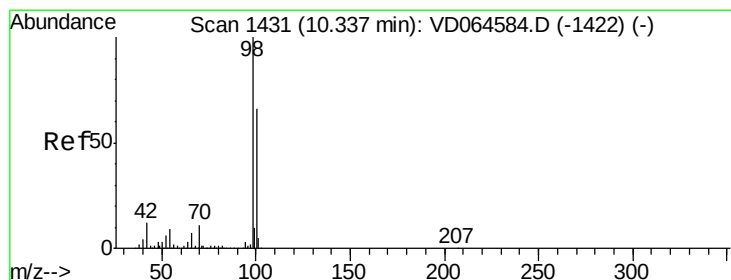
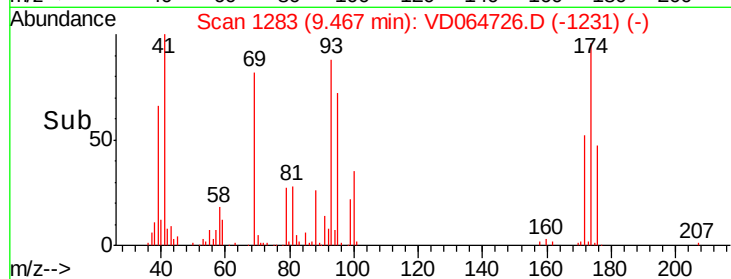
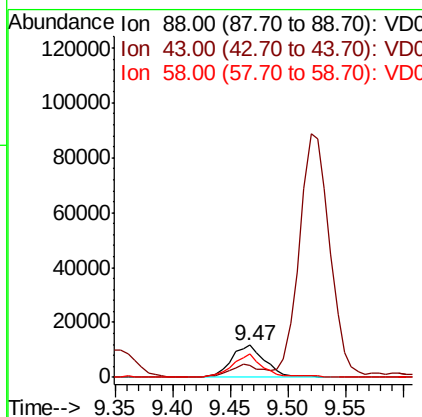
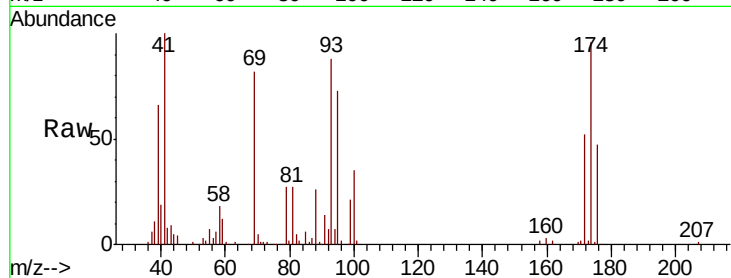




#49
 1,4-Dioxane
 Concen: 975.073 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

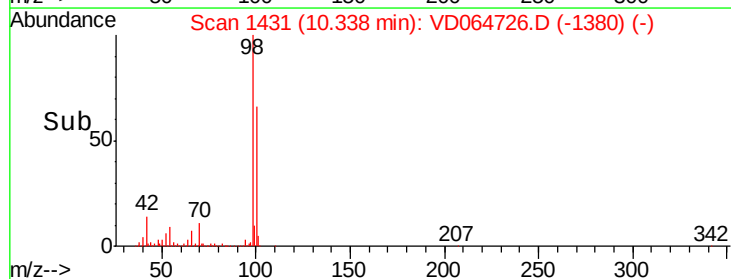
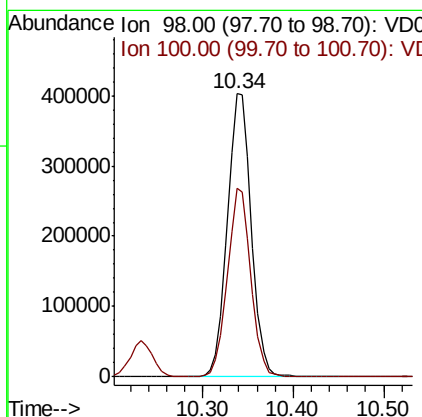
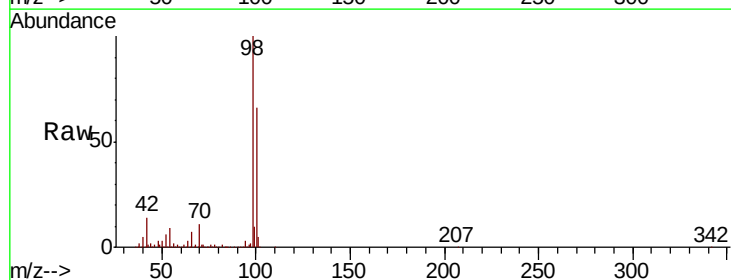
Instrument :
 MSVOA_D
 ClientSampled :

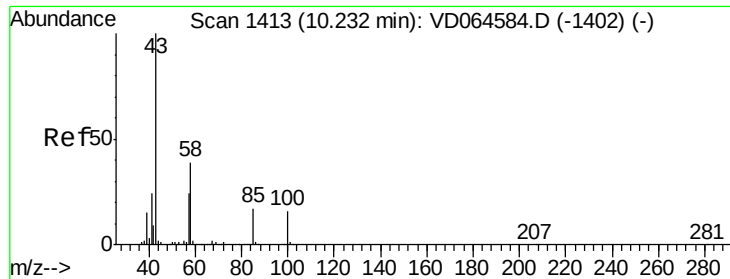
Tot Ion: 88 Resp: 23994
 Ion Ratio Lower Upper
 88 100
 43 38.8 27.7 41.5
 58 63.1 53.8 80.6



#50
 Toluene-d8
 Concen: 51.566 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 98 Resp: 739277
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

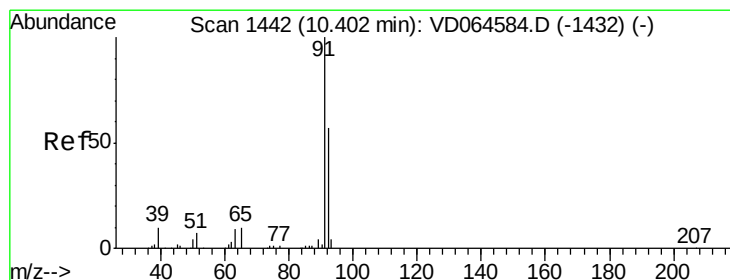
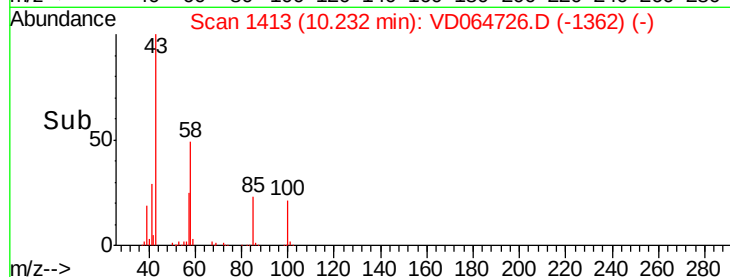
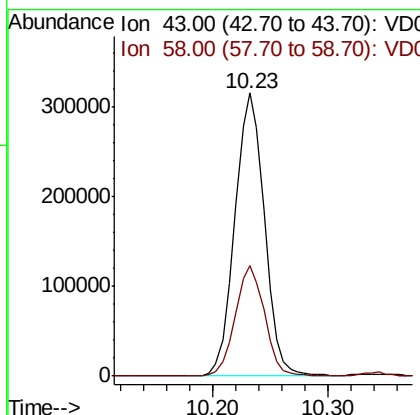
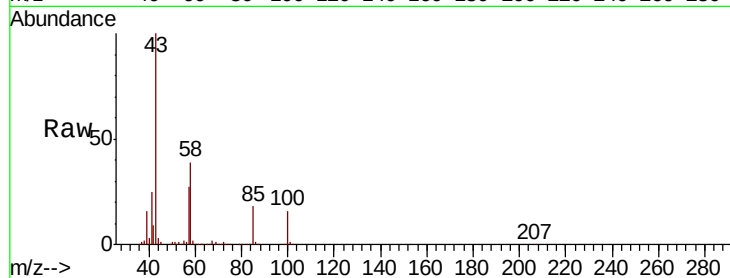




#51
4-Methyl-2-Pentanone
Concen: 247.064 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

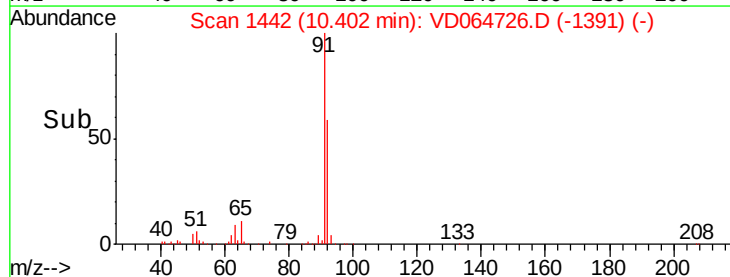
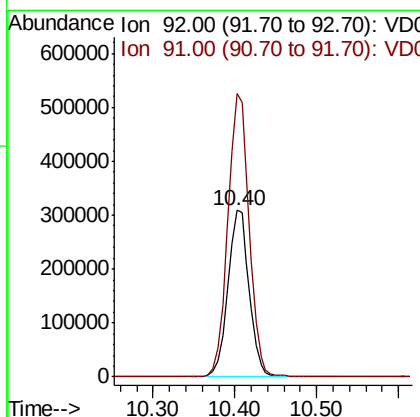
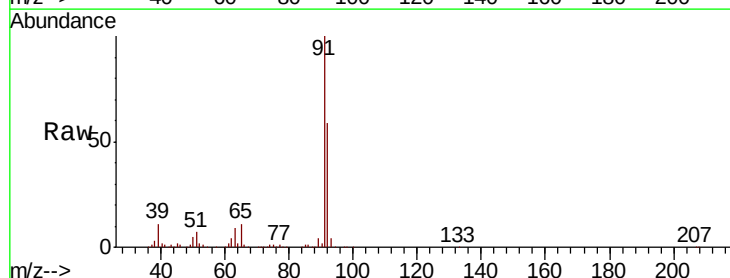
Instrument :
MSVOA_D
ClientSampleId :

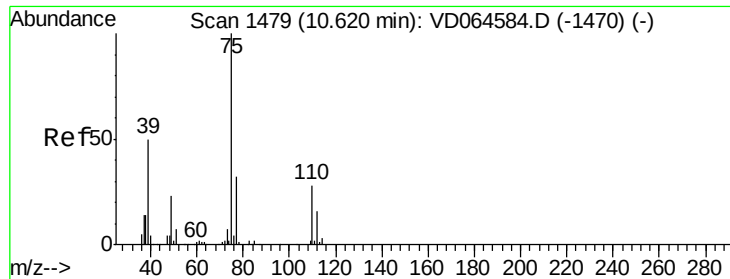
Tot Ion: 43 Resp: 560765
Ion Ratio Lower Upper
43 100
58 38.5 30.2 45.2



#52
Toluene
Concen: 52.682 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 92 Resp: 554104
Ion Ratio Lower Upper
92 100
91 171.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 51.960 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

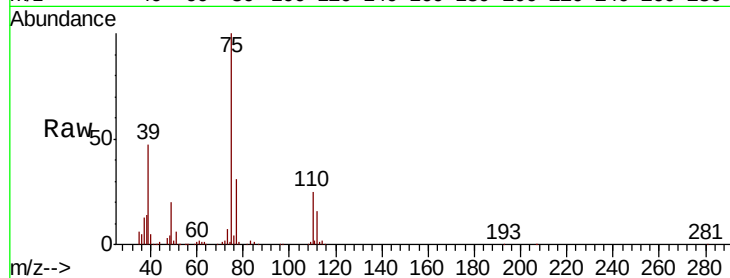
ClientSampleId :

Tot Ion: 75 Resp: 275096

Ion Ratio Lower Upper

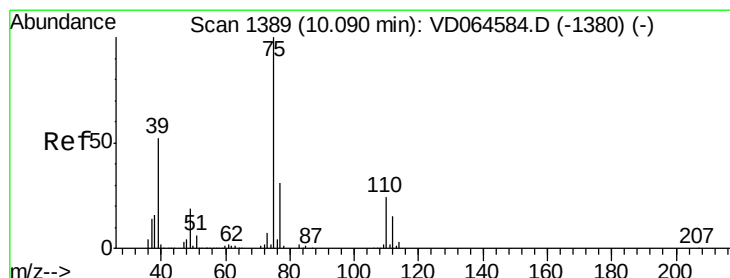
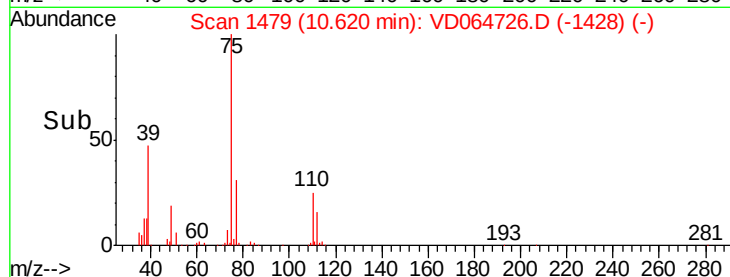
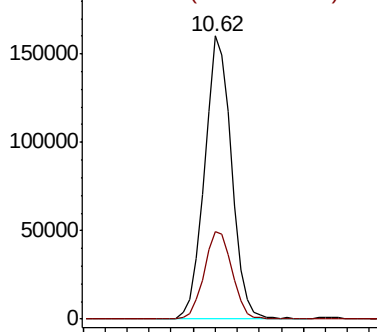
75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.562 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

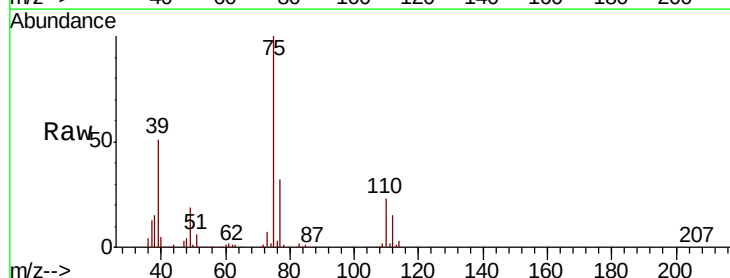
Tgt Ion: 75 Resp: 328132

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

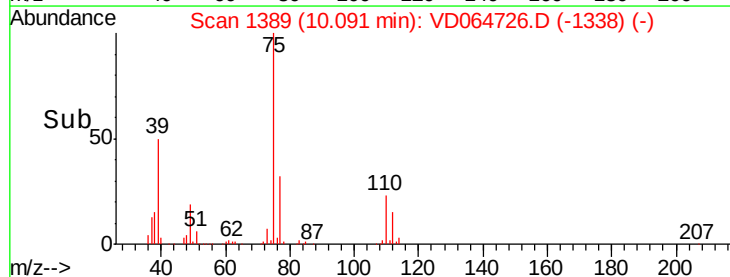
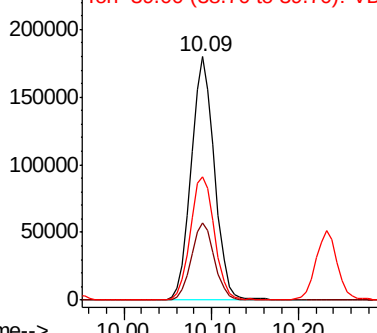
39 50.6 41.4 62.2

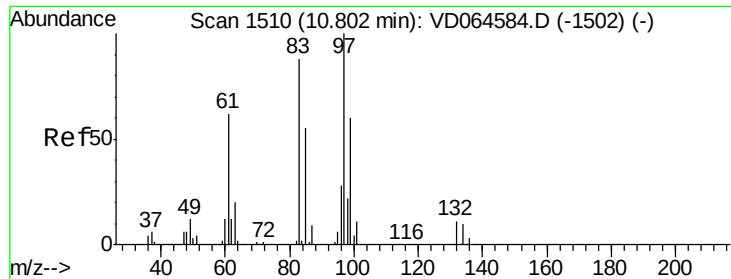


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



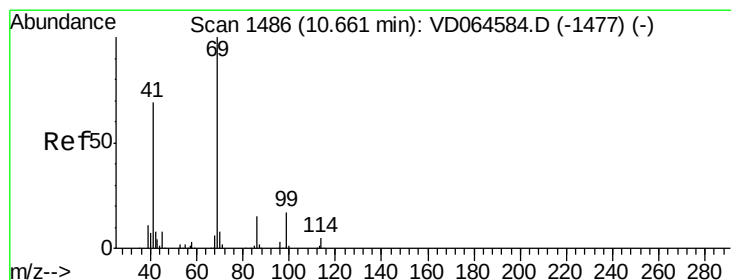
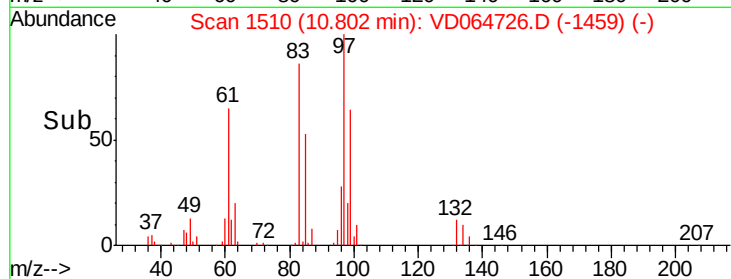
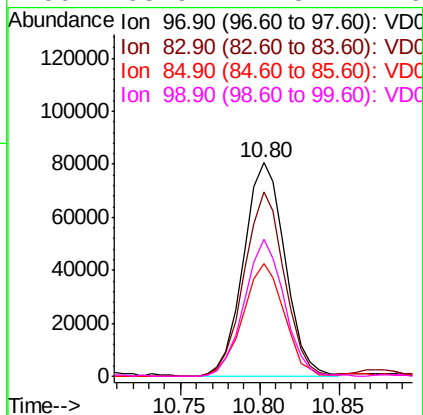
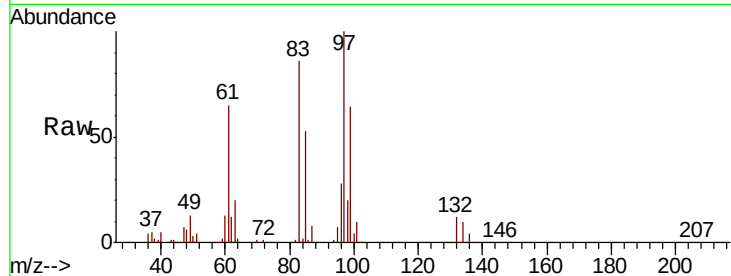


#55
 1,1,2-Trichloroethane
 Concen: 50.997 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 146670

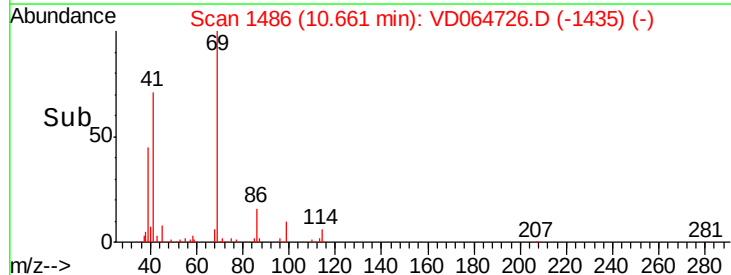
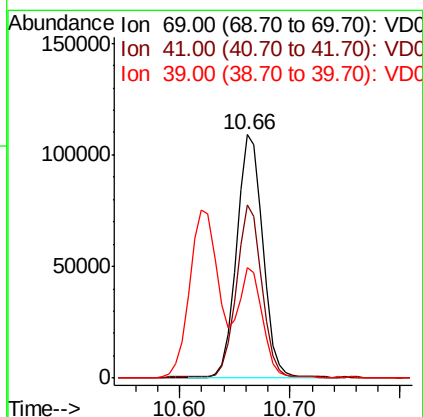
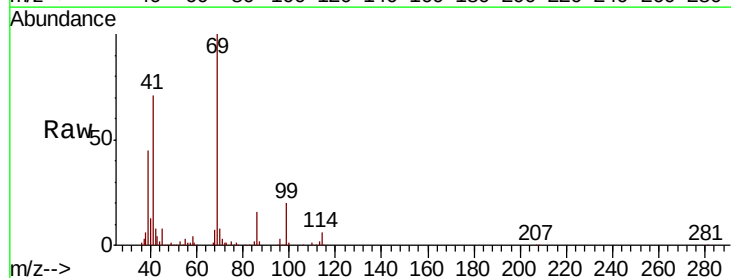
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.4
85	52.8	44.0	66.0
99	63.9	47.8	71.6

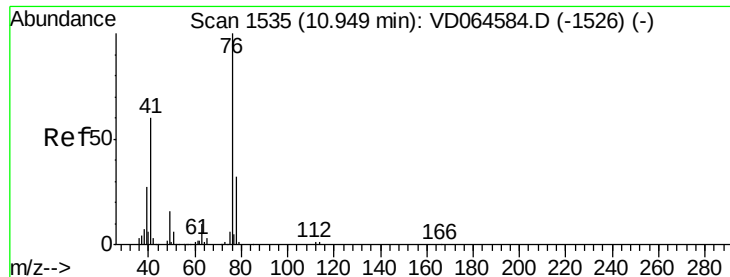


#56
 Ethyl methacrylate
 Concen: 50.975 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 69 Resp: 183094

Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.3	82.9
39	42.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 50.706 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

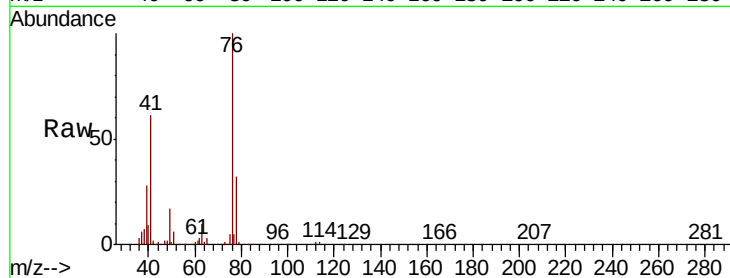
ClientSampleId :

Tot Ion: 76 Resp: 251095

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

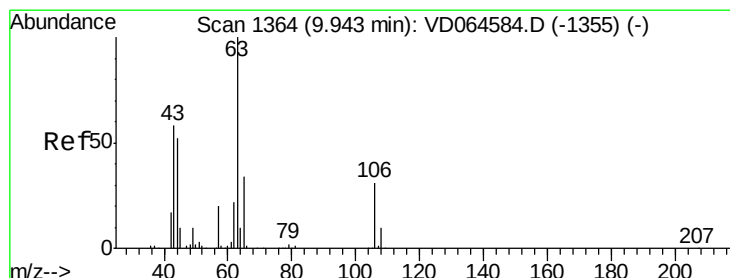
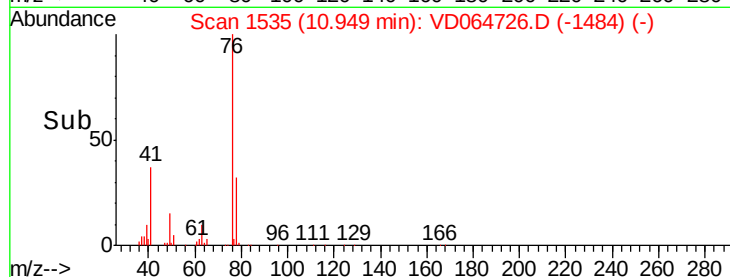
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.605 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064726.D

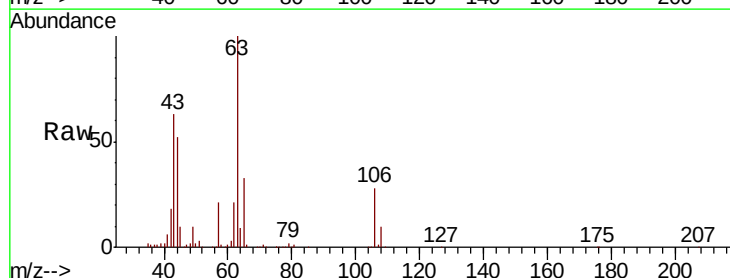
Acq: 03 Jan 2020 11:01

Tgt Ion: 63 Resp: 305992

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

9.94

200000

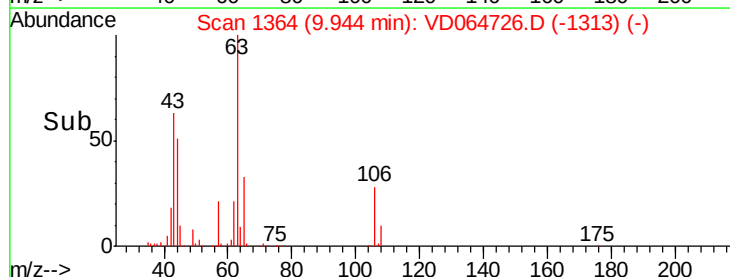
150000

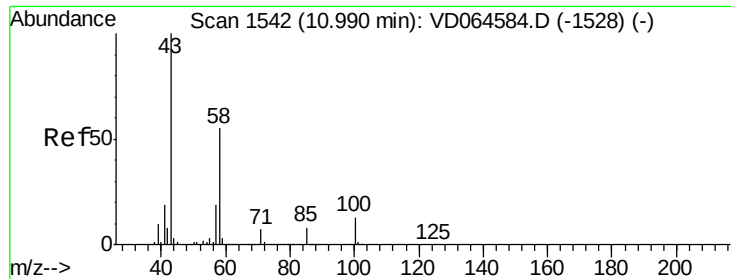
100000

50000

0

Time-->

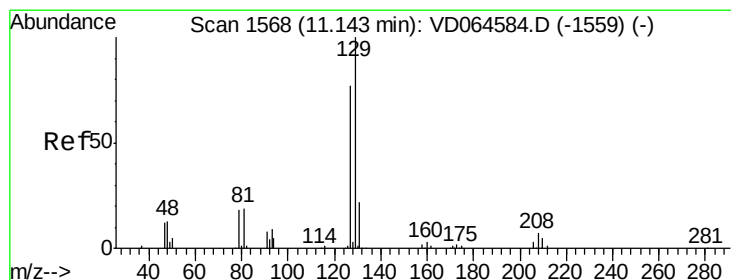
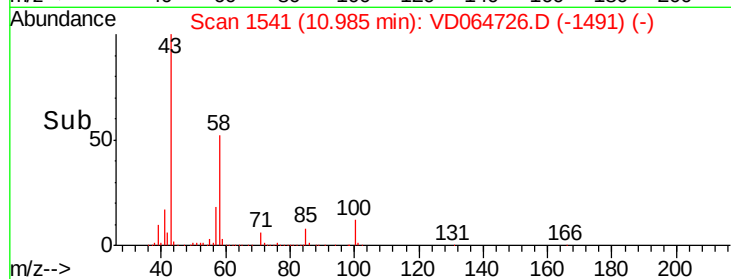
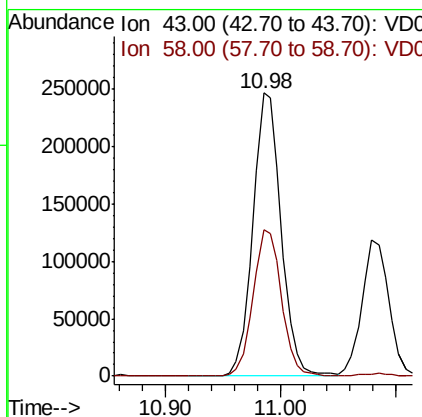
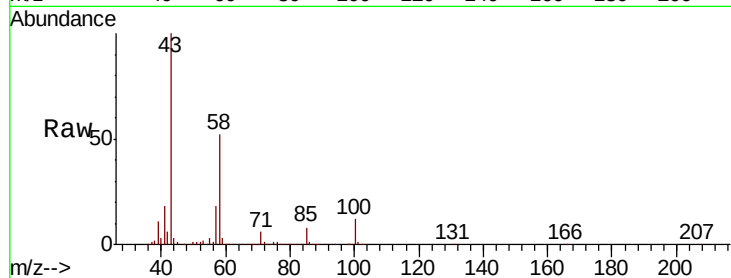




#59
2-Hexanone
Concen: 273.474 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

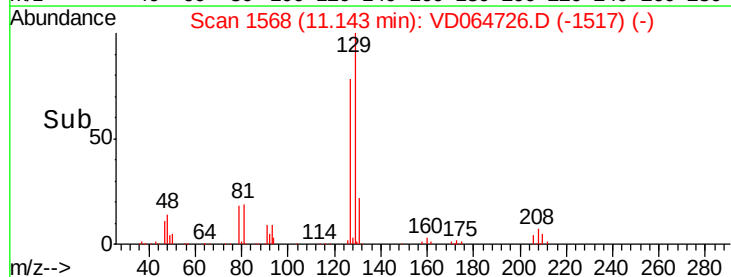
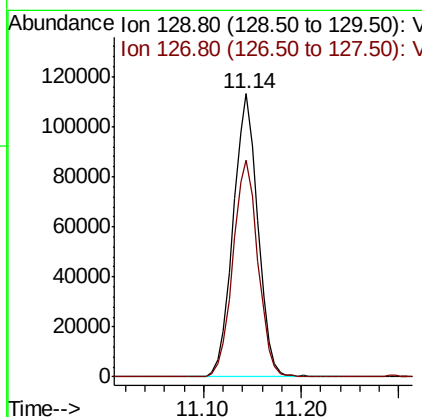
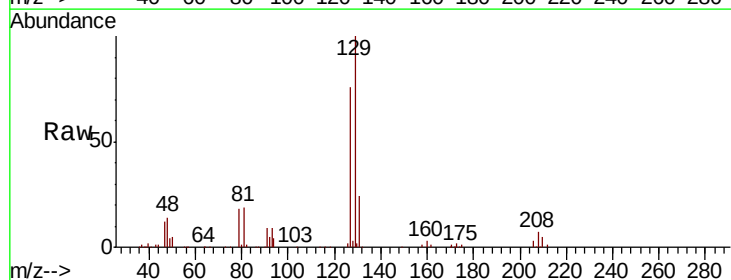
Instrument :
MSVOA_D
ClientSampled :

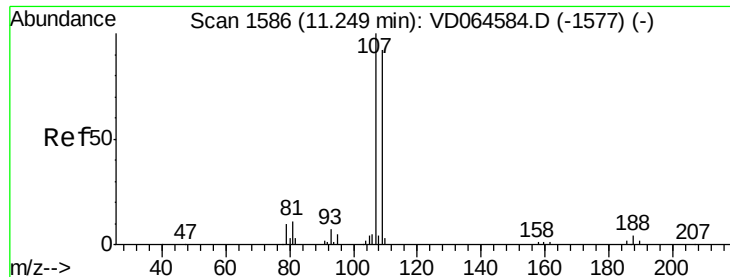
Tot Ion: 43 Resp: 421287
Ion Ratio Lower Upper
43 100
58 51.9 26.4 79.0



#60
Dibromochloromethane
Concen: 50.012 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 129 Resp: 198908
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

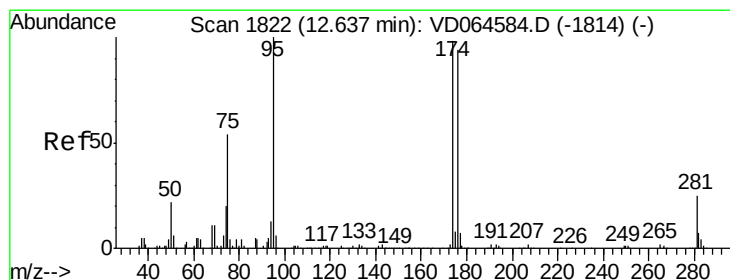
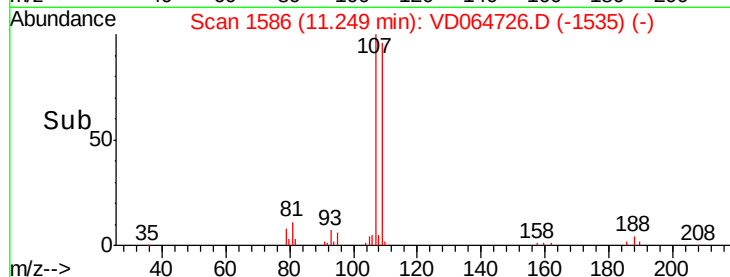
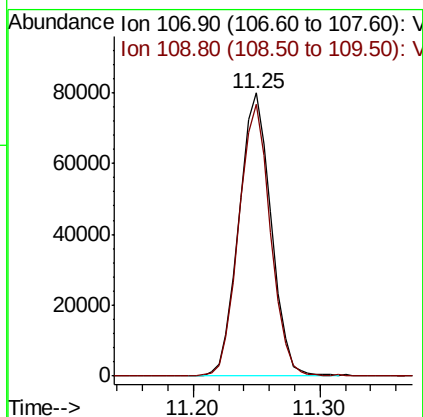
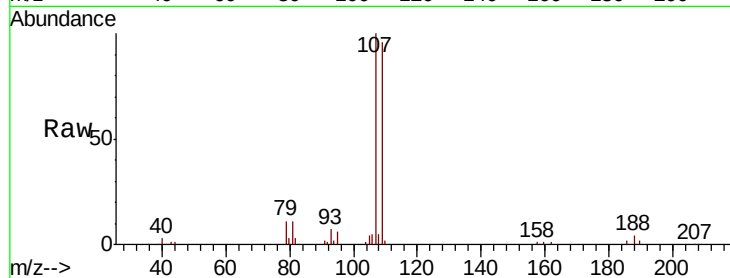




#61
 1,2-Dibromoethane
 Concen: 49.683 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

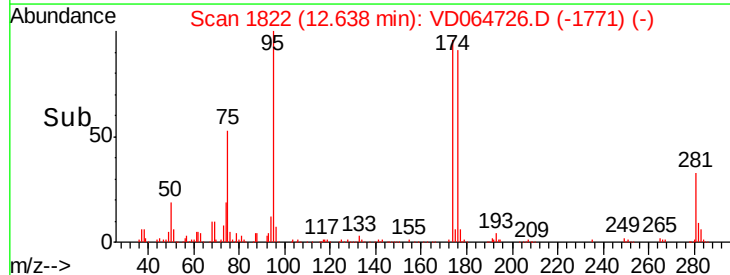
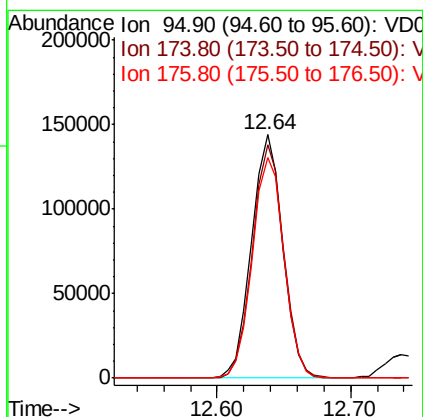
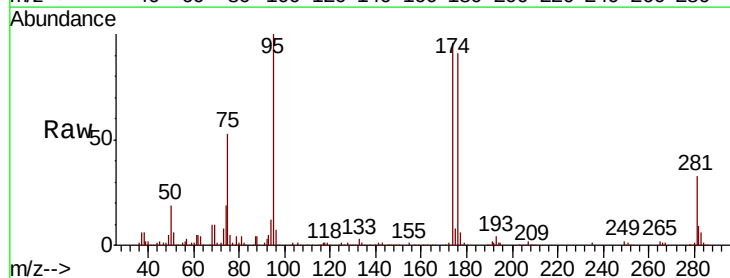
Instrument :
 MSVOA_D
 ClientSampleId :

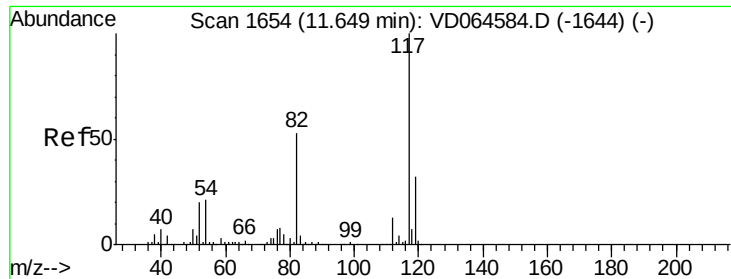
Tot Ion:107 Resp: 140934
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.118 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 95 Resp: 231734
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 193.2
 176 91.7 0.0 184.2

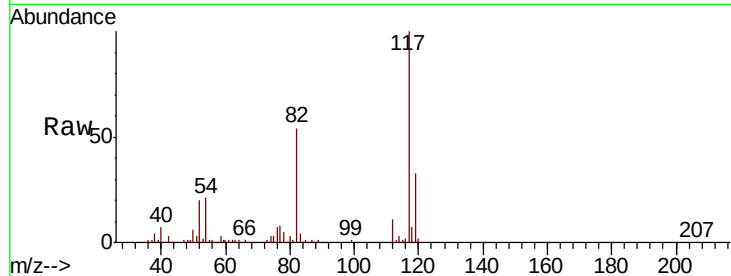




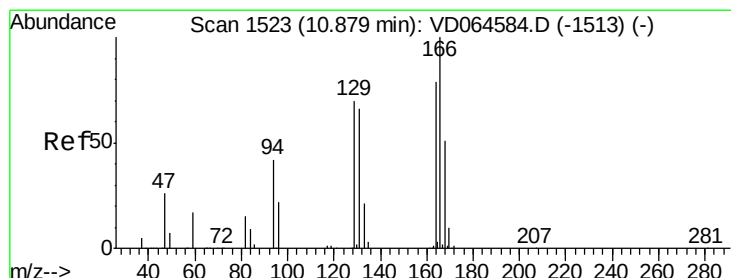
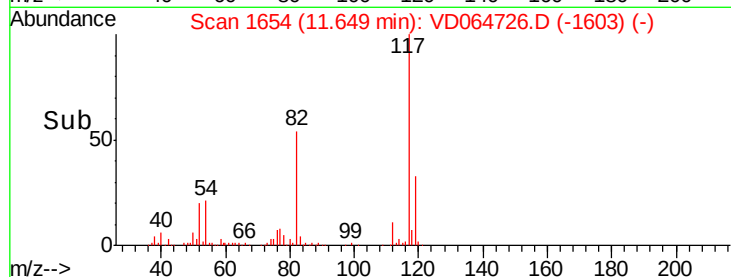
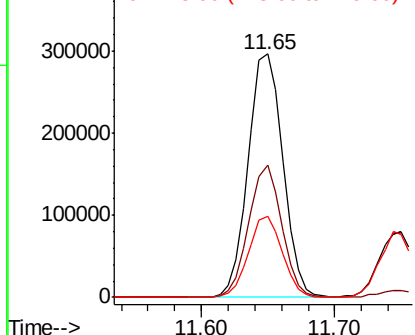
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 532802
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 33.5 26.0 39.0

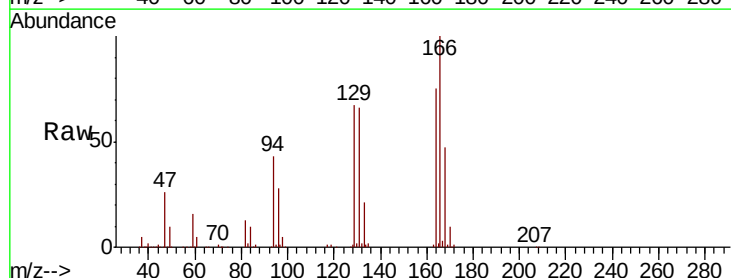


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

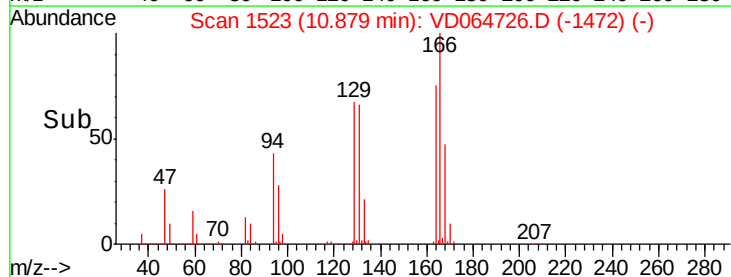
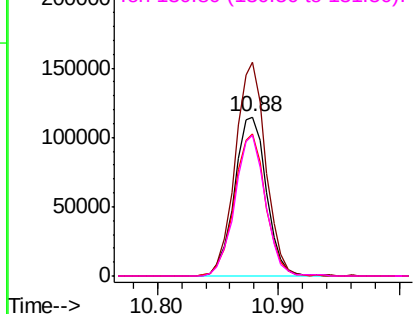


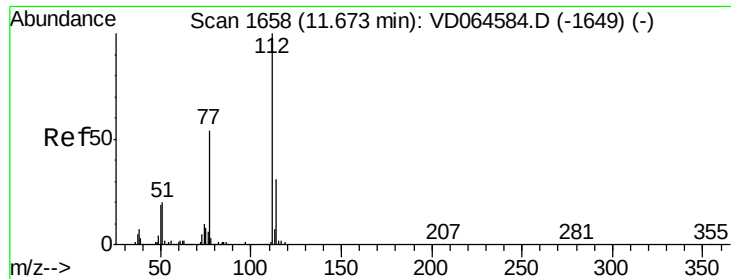
#64
Tetrachloroethene
Concen: 51.585 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion:164 Resp: 210858
Ion Ratio Lower Upper
164 100
166 134.1 101.3 151.9
129 89.6 70.5 105.7
131 88.0 66.6 99.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

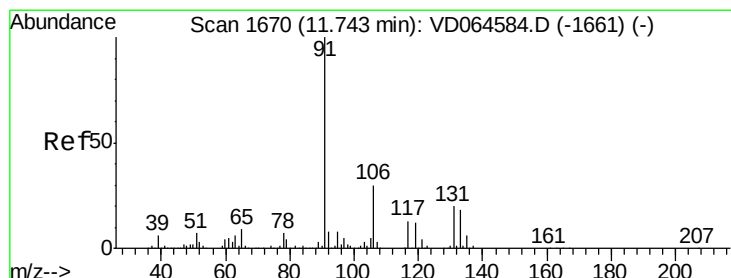
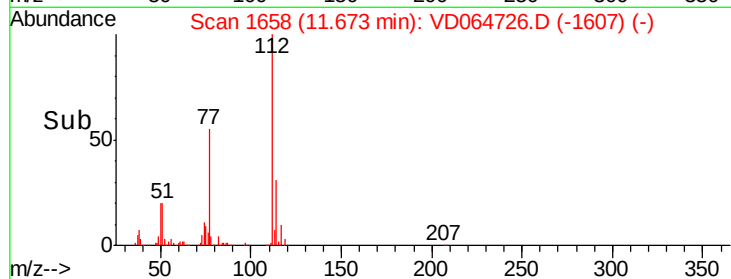
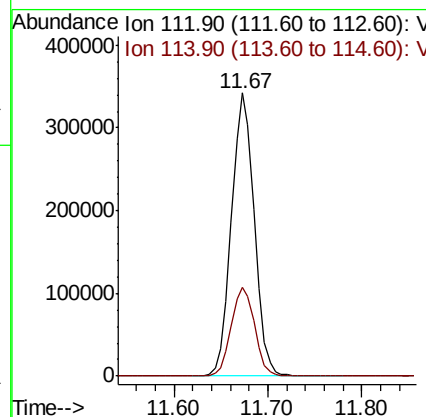
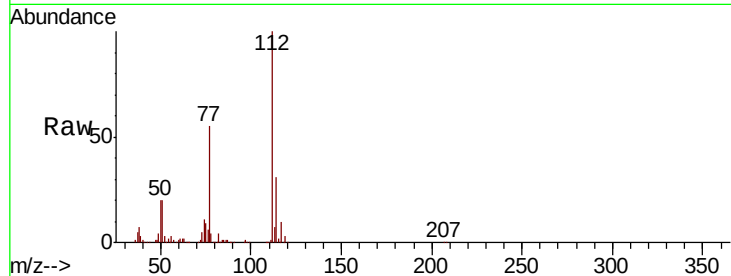




#65
Chlorobenzene
Concen: 52.117 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

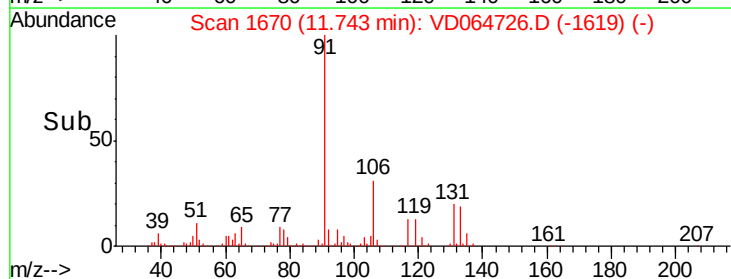
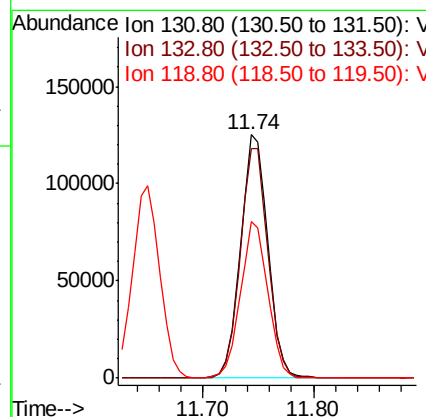
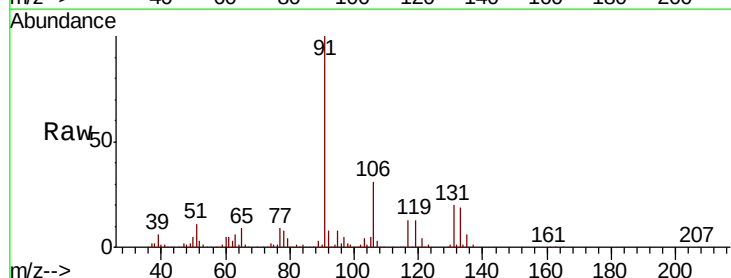
Instrument :
MSVOA_D
ClientSampleId :

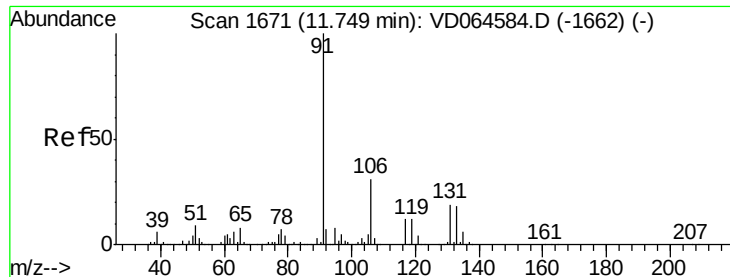
Tot Ion:112 Resp: 576322
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.149 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion:131 Resp: 217397
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 64.6 32.1 96.3

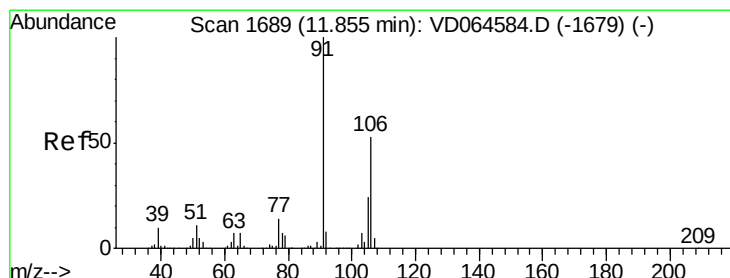
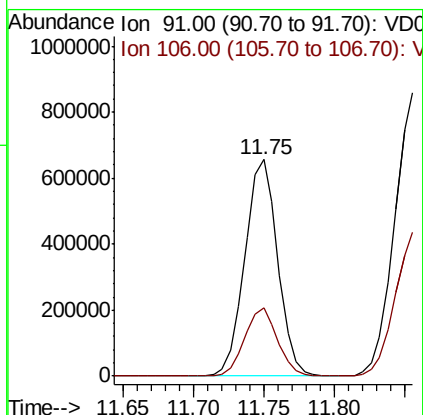
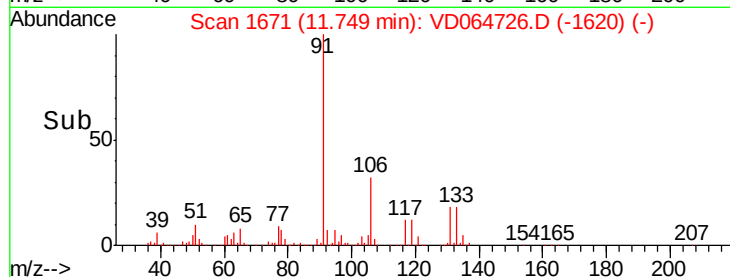
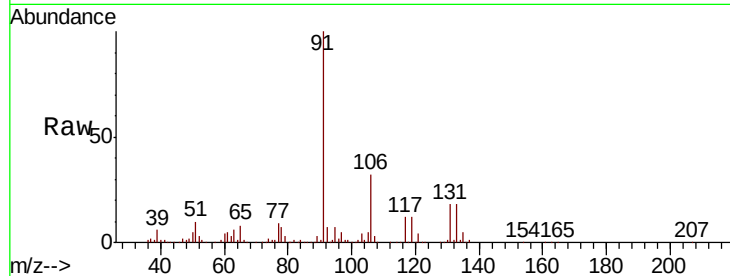




#67
Ethyl Benzene
Concen: 53.353 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

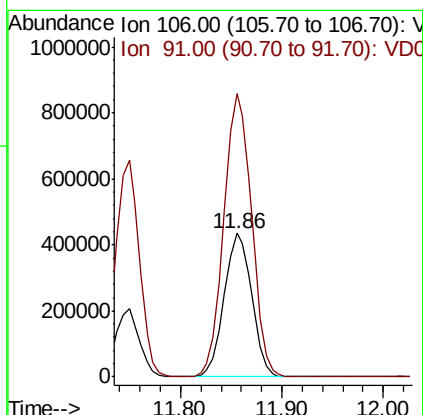
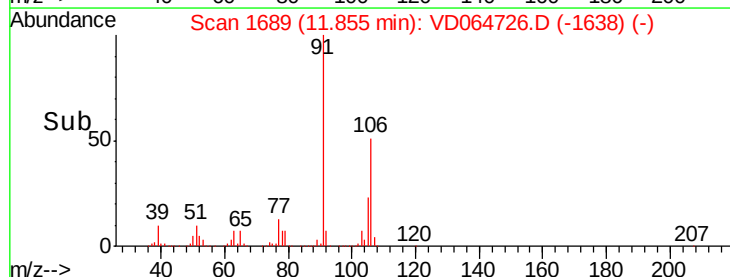
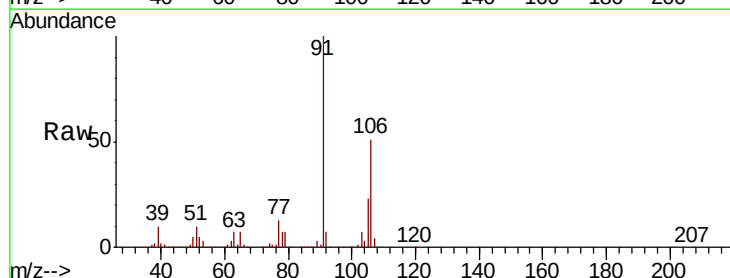
Instrument :
MSVOA_D
ClientSampled :

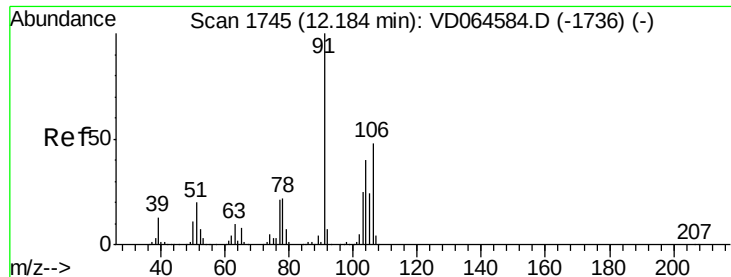
Tot Ion: 91 Resp: 1070863
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 106.256 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 106 Resp: 823180
Ion Ratio Lower Upper
106 100
91 198.2 156.3 234.5

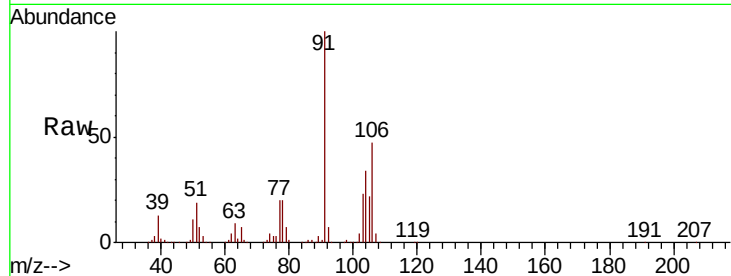




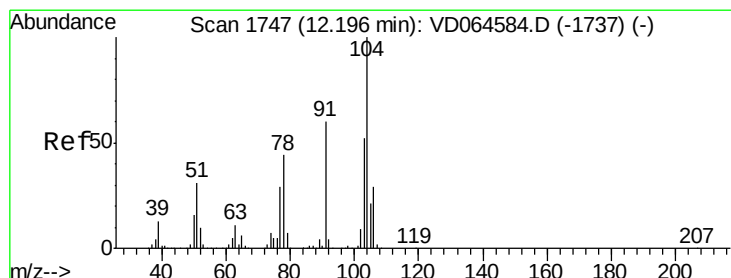
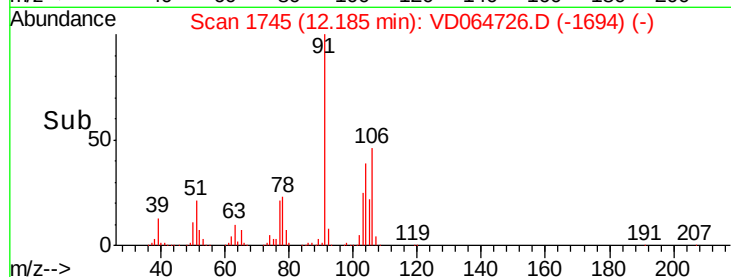
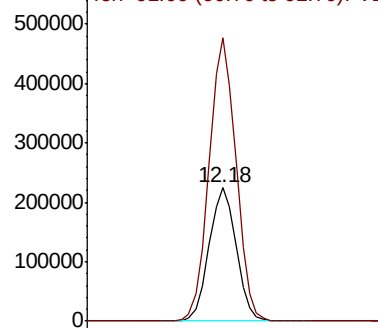
#69
o-Xylene
Concen: 52.362 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 366406
Ion Ratio Lower Upper
106 100
91 210.4 104.8 314.4

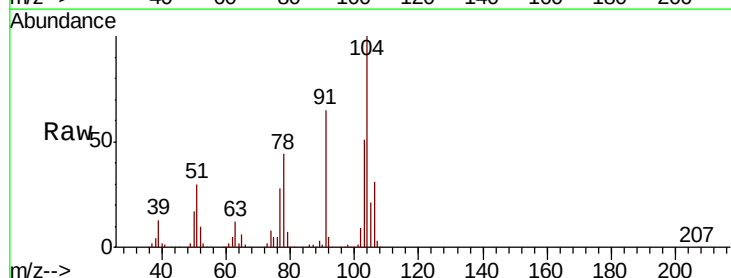


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

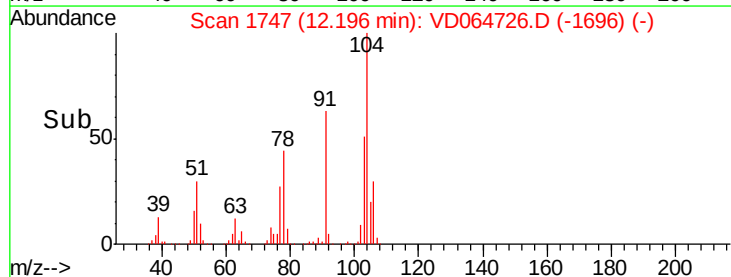
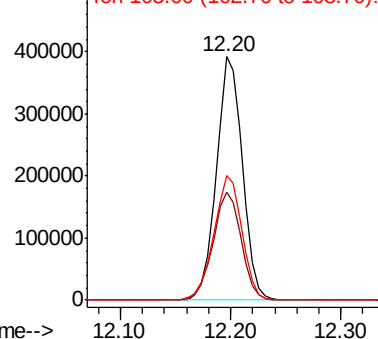


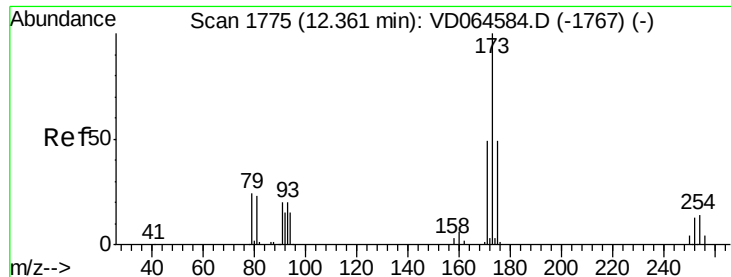
#70
Styrene
Concen: 52.798 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion:104 Resp: 648502
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.2
103 55.0 44.6 67.0



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





#71

Bromoform

Concen: 50.965 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

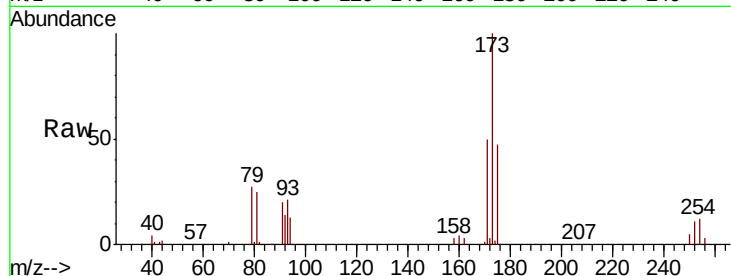
Tot Ion:173 Resp: 121162

Ion Ratio Lower Upper

173 100

175 47.4 24.6 73.8

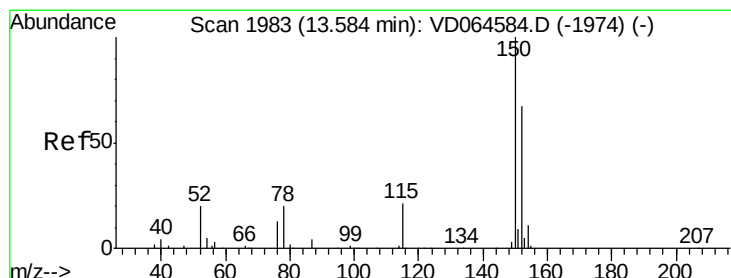
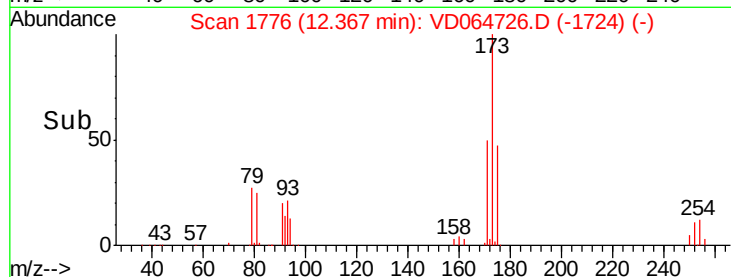
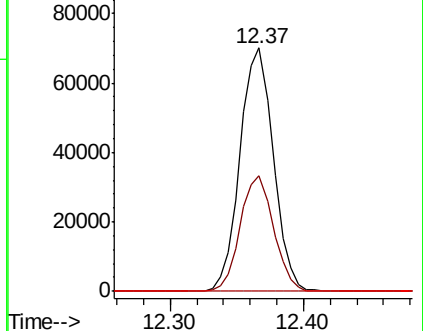
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

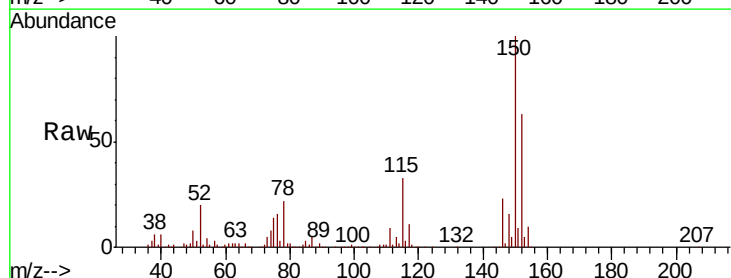
Tgt Ion:152 Resp: 263712

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

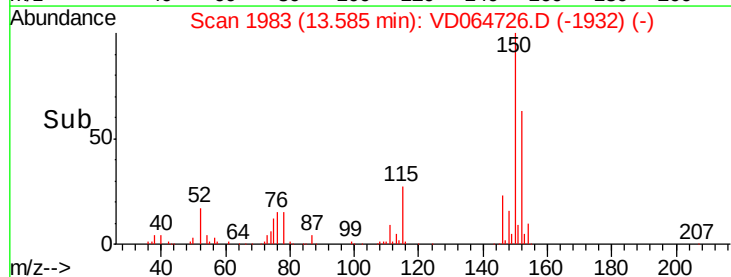
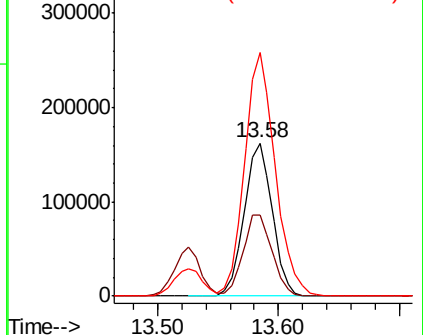
150 173.3 0.0 351.4

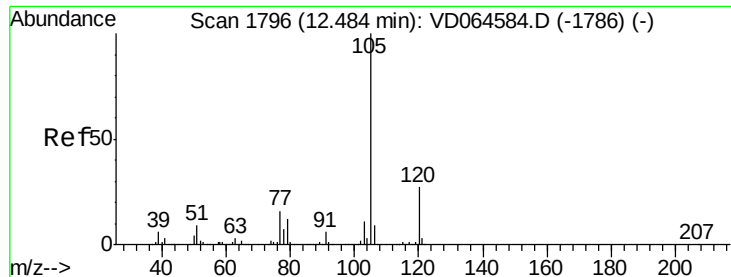


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.145 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

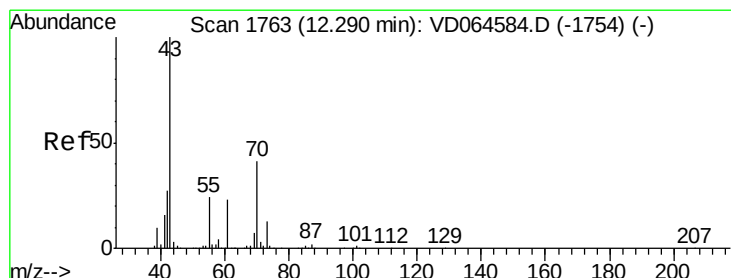
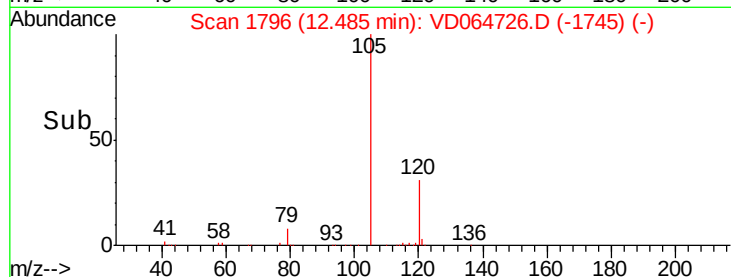
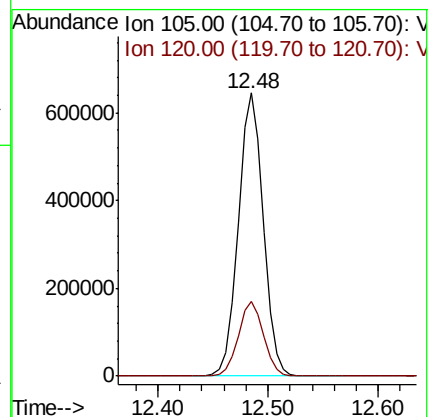
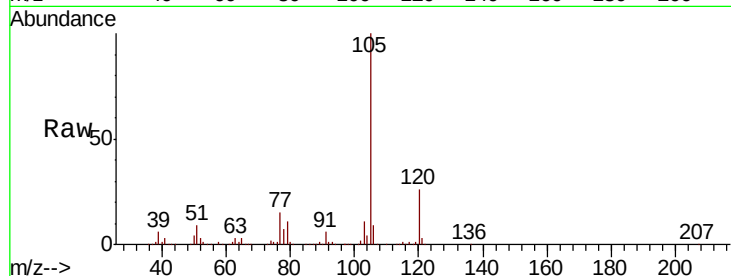
ClientSampleId :

Tot Ion:105 Resp: 1020386

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 51.191 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 206222

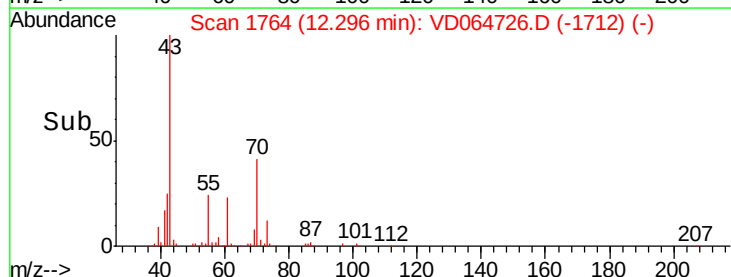
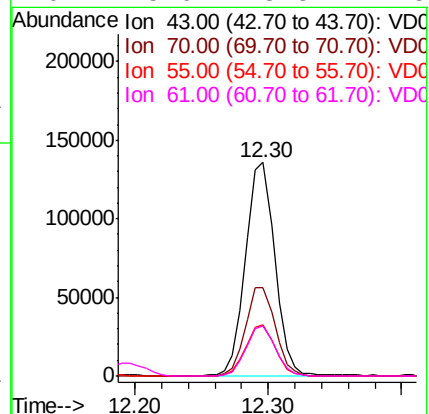
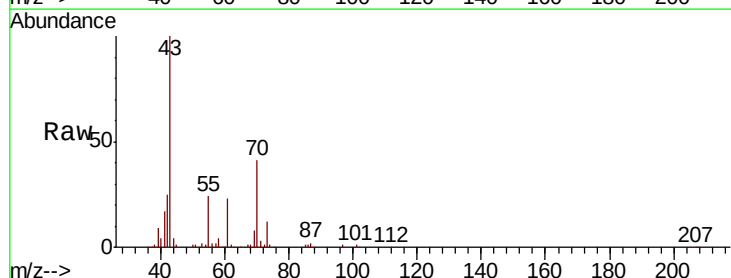
Ion Ratio Lower Upper

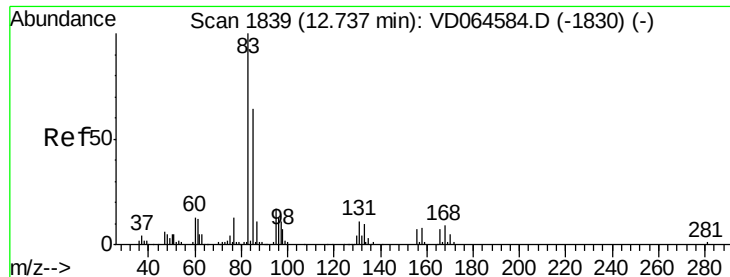
43 100

70 42.3 33.4 50.0

55 24.0 19.4 29.0

61 23.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.070 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

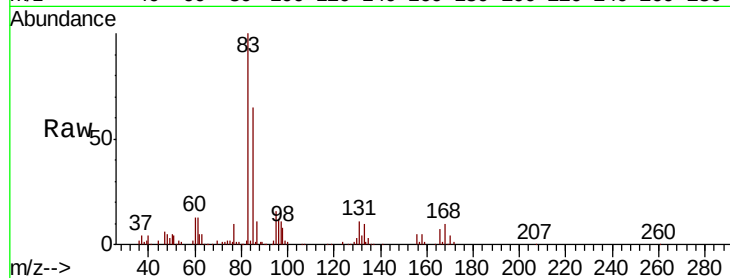
Tot Ion: 83 Resp: 151189

Ion Ratio Lower Upper

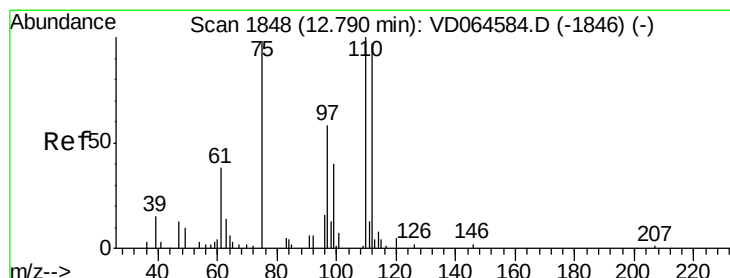
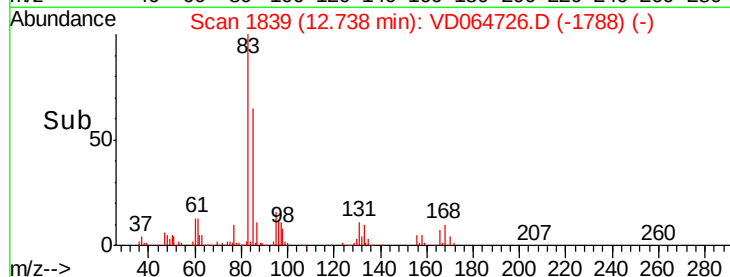
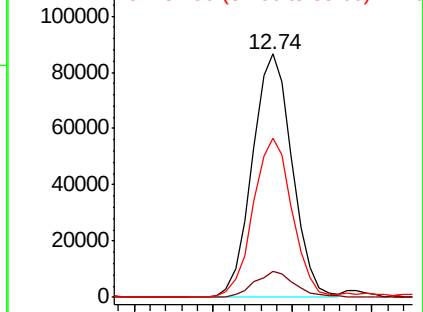
83 100

131 11.1 5.8 17.4

85 64.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 97.108 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064726.D

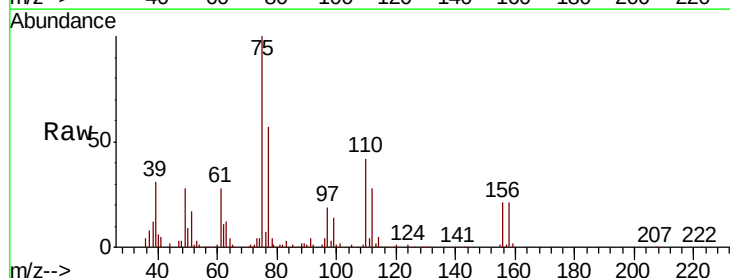
Acq: 03 Jan 2020 11:01

Tgt Ion: 75 Resp: 202221

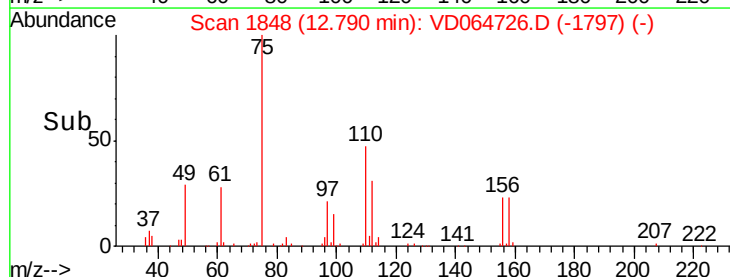
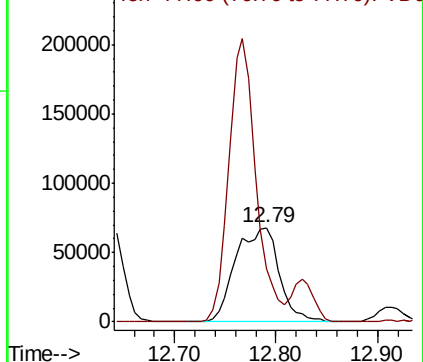
Ion Ratio Lower Upper

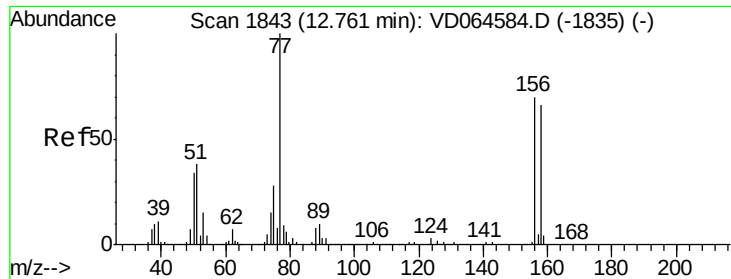
75 100

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: 52.511 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

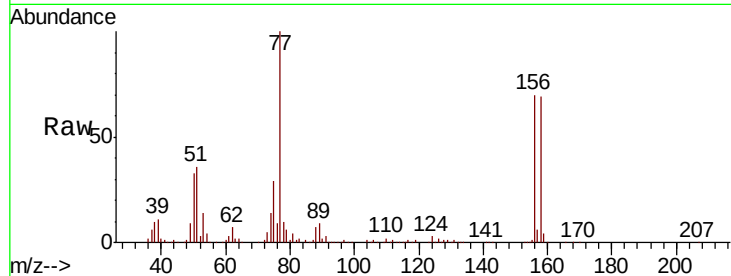
Tot Ion:156 Resp: 243156

Ion Ratio Lower Upper

156 100

77 157.0 80.9 242.7

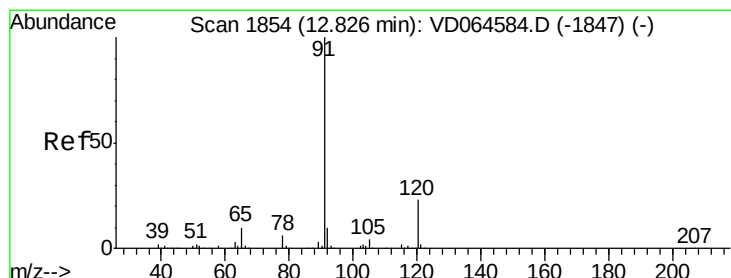
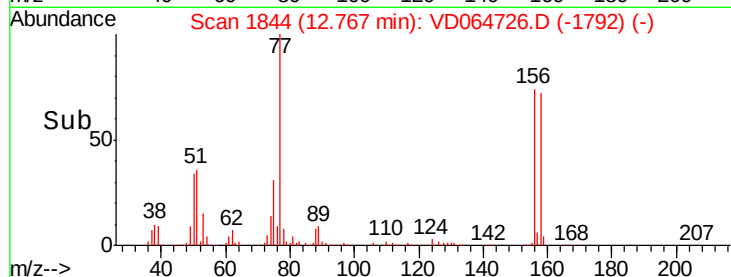
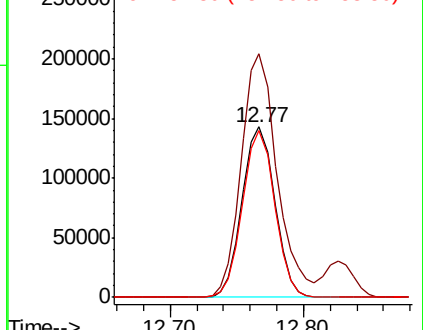
158 96.3 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.836 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064726.D

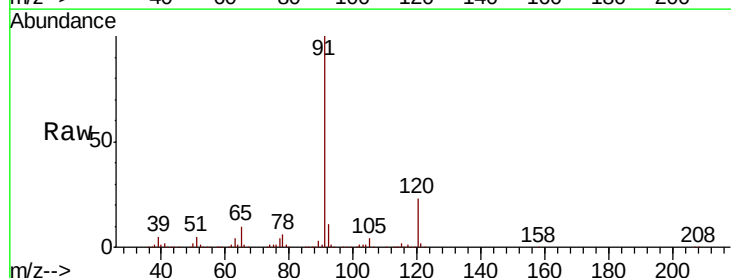
Acq: 03 Jan 2020 11:01

Tgt Ion: 91 Resp: 1205607

Ion Ratio Lower Upper

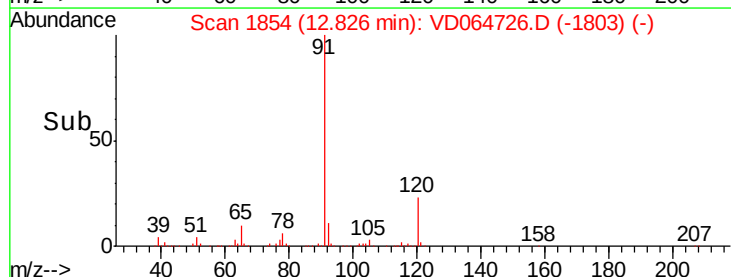
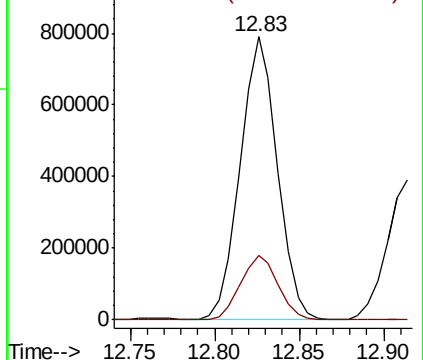
91 100

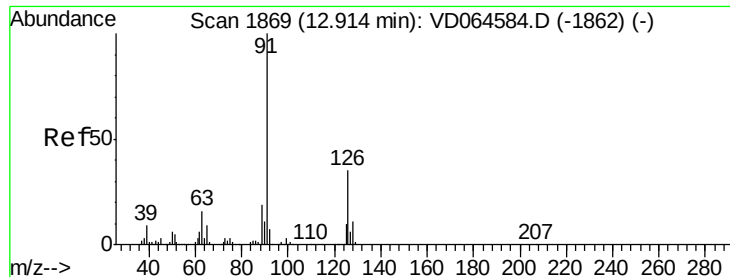
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.520 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

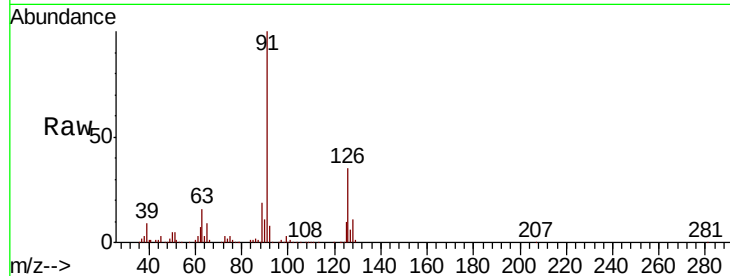
ClientSampleId :

Tot Ion: 91 Resp: 634311

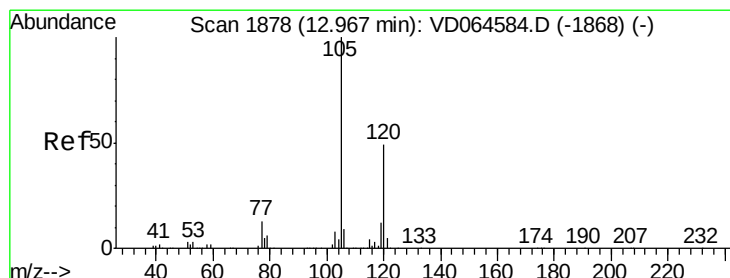
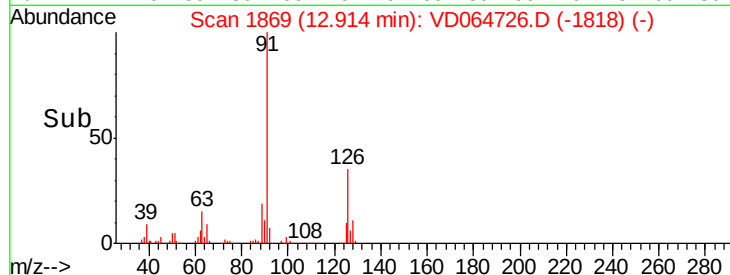
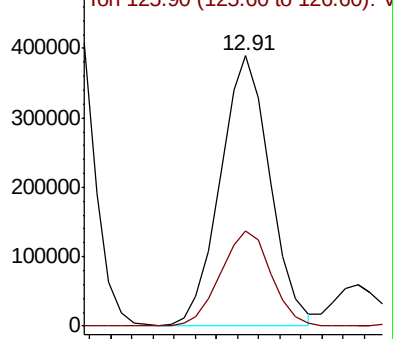
Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VD064726.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.456 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064726.D

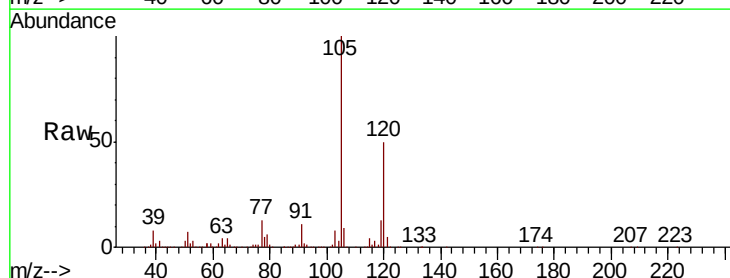
Acq: 03 Jan 2020 11:01

Tgt Ion:105 Resp: 843010

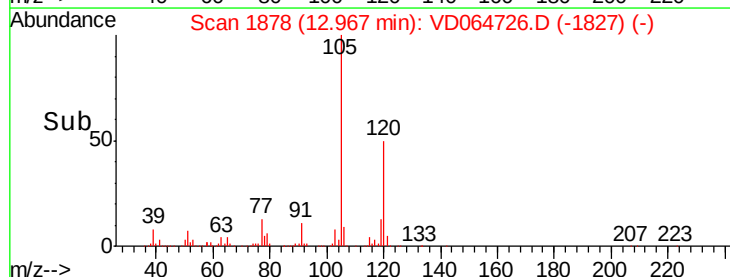
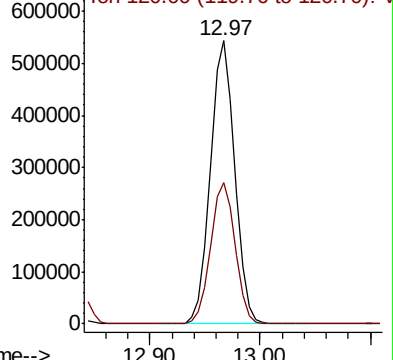
Ion Ratio Lower Upper

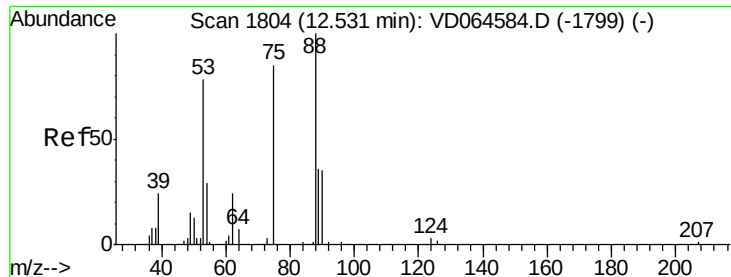
105 100

120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064726.D (-1868) (-)

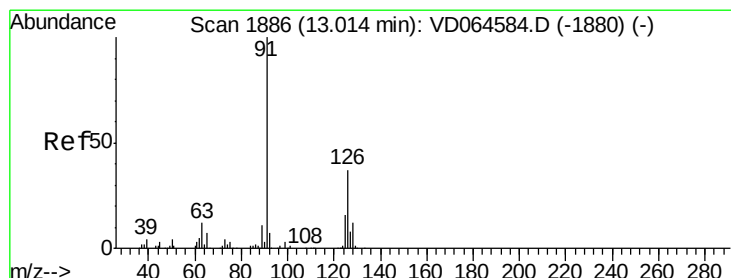
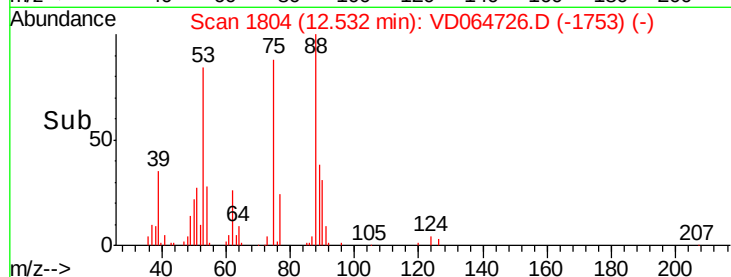
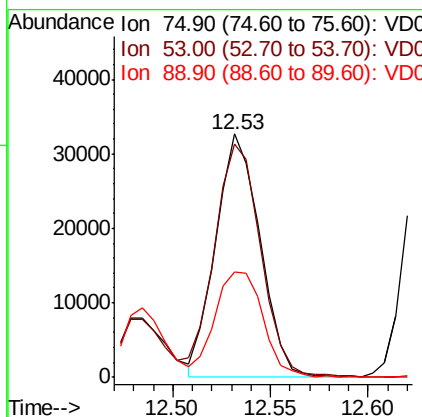
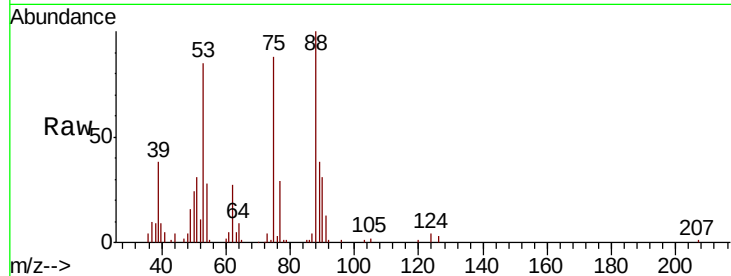




#81
trans-1,4-Dichloro-2-butene
Concen: 51.648 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

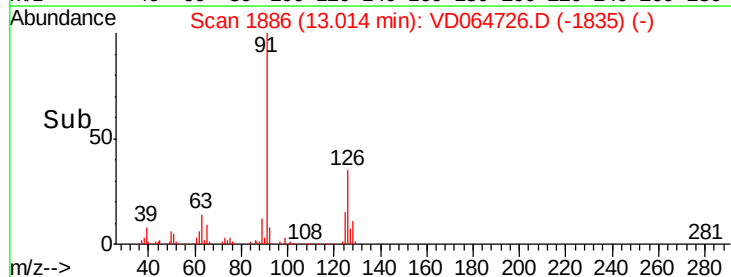
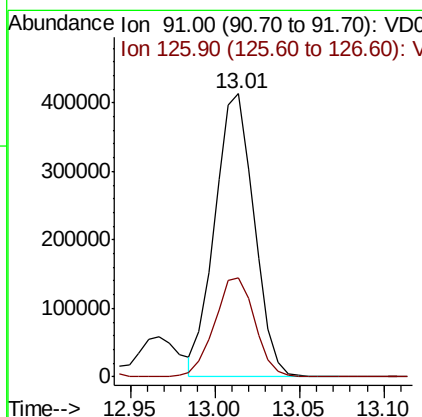
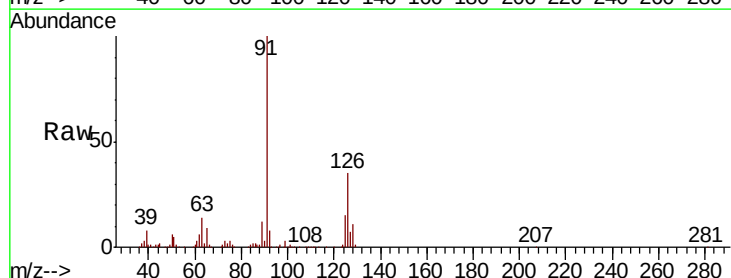
Instrument :
MSVOA_D
ClientSampleId :

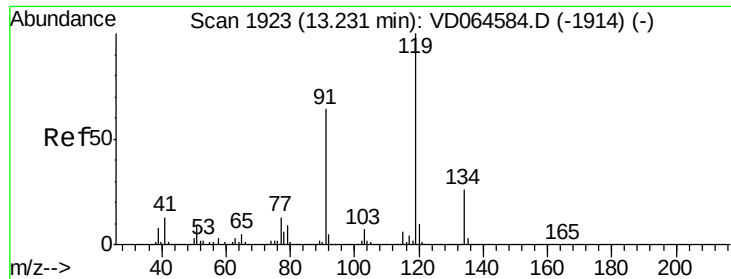
Tot Ion: 75 Resp: 51425
Ion Ratio Lower Upper
75 100
53 101.3 78.8 118.2
89 47.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 51.964 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 91 Resp: 667889
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5

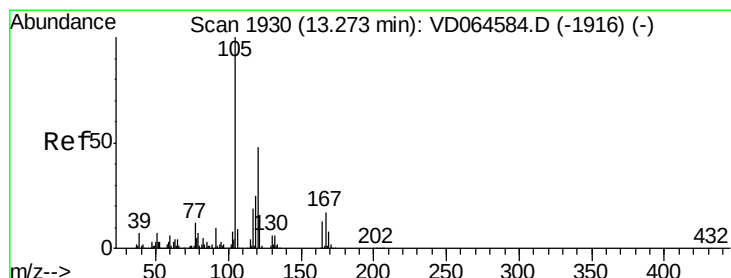
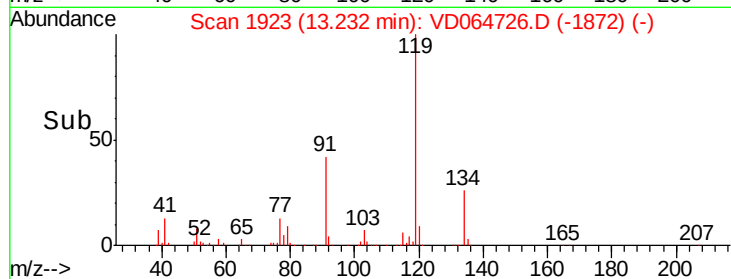
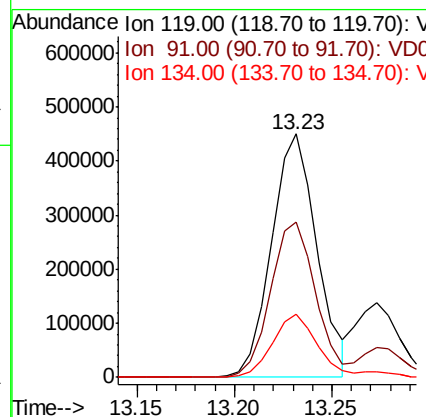
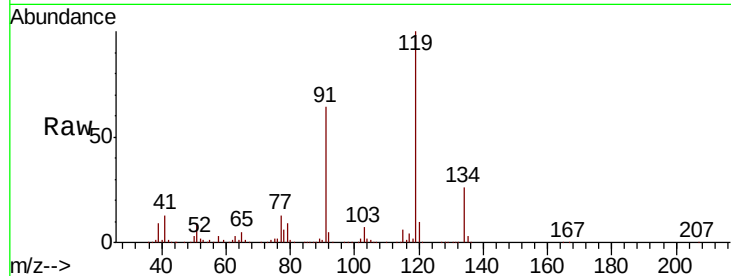




#83
 tert-Butylbenzene
 Concen: 53.941 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

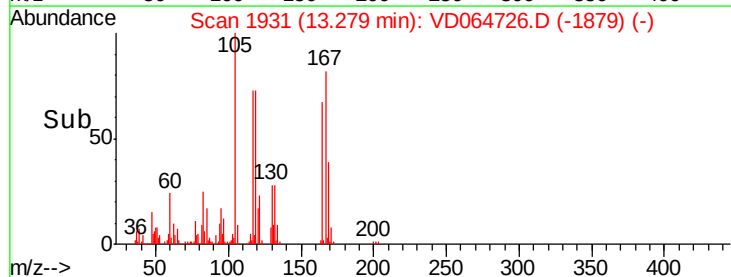
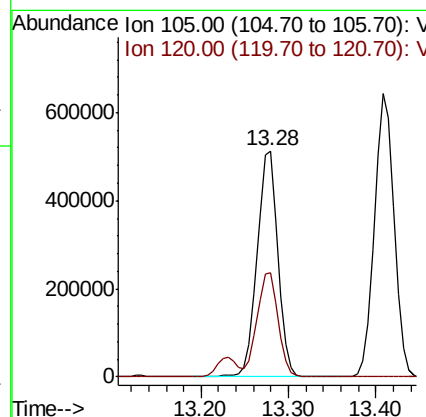
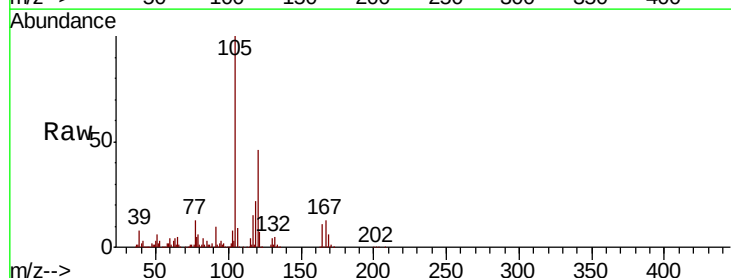
Instrument :
 MSVOA_D
 ClientSampleId :

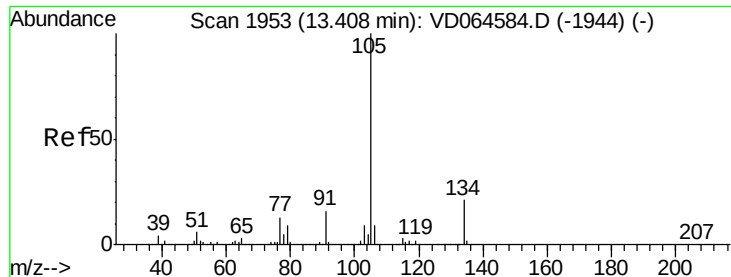
Tot Ion:119 Resp: 725026
 Ion Ratio Lower Upper
 119 100
 91 63.1 30.8 92.4
 134 27.3 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.541 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion:105 Resp: 825486
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.8 71.2





#85

sec-Butylbenzene

Concen: 54.649 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

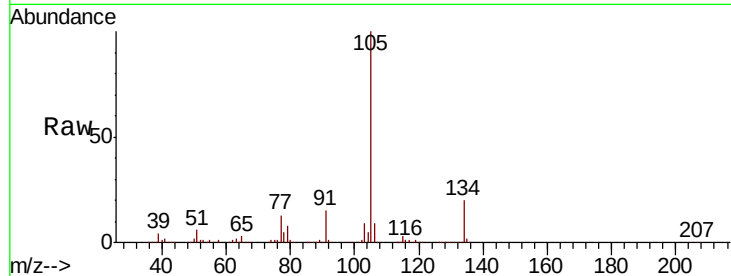
ClientSampleId :

Tot Ion:105 Resp: 1007013

Ion Ratio Lower Upper

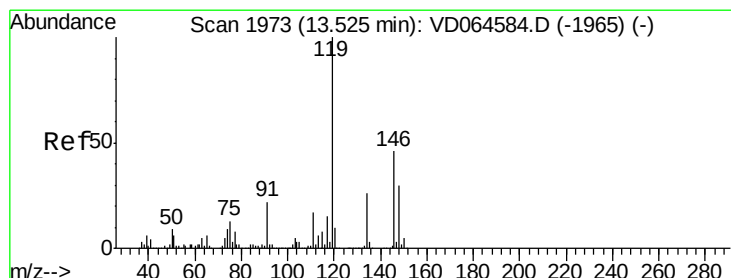
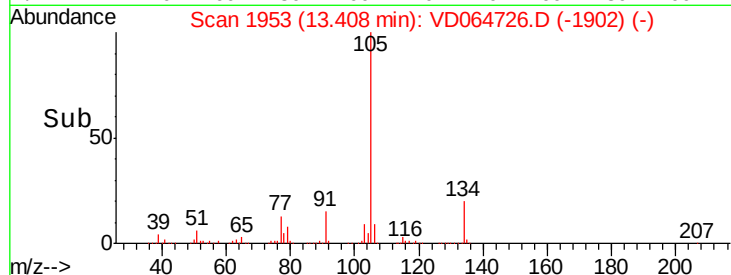
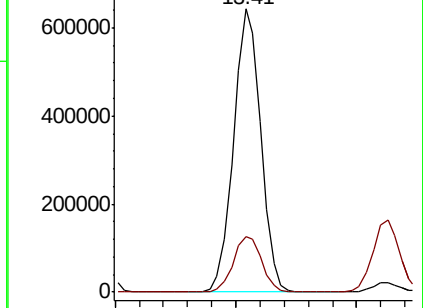
105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.900 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

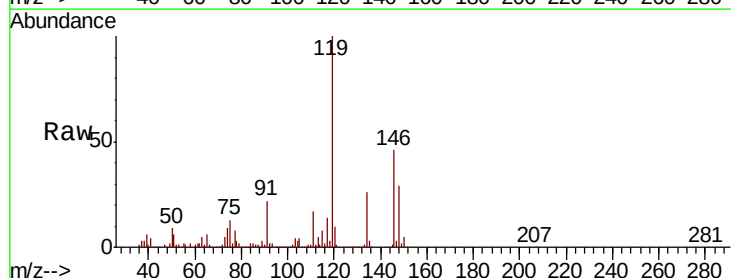
Tgt Ion:119 Resp: 949701

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

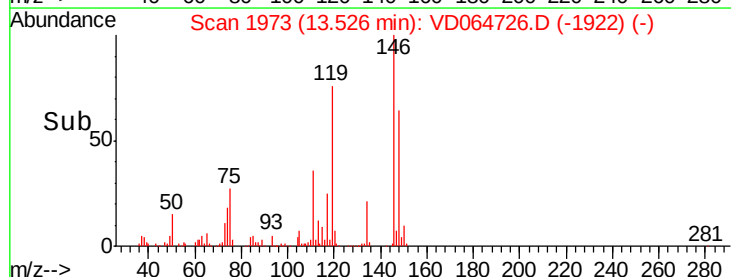
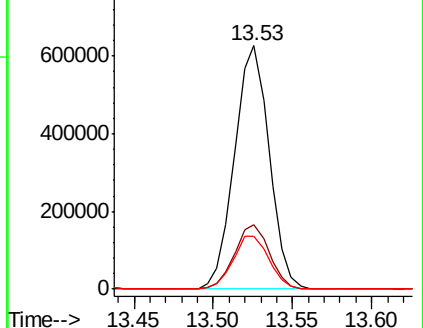
91 22.6 11.2 33.6

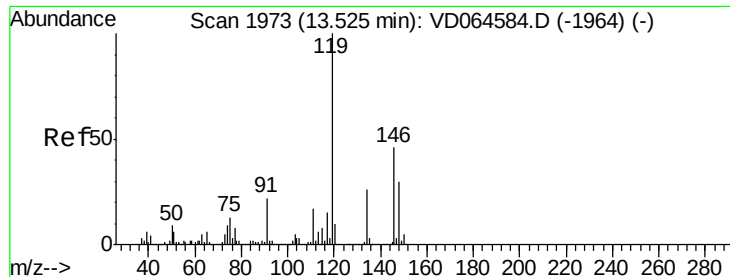


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

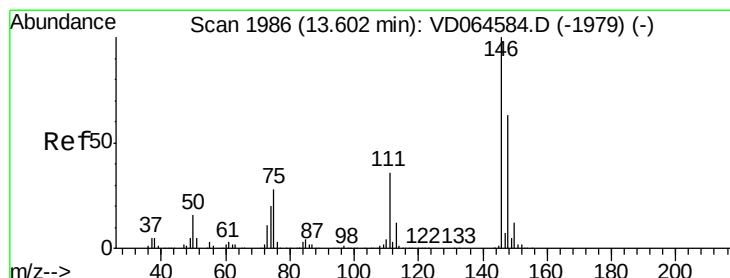
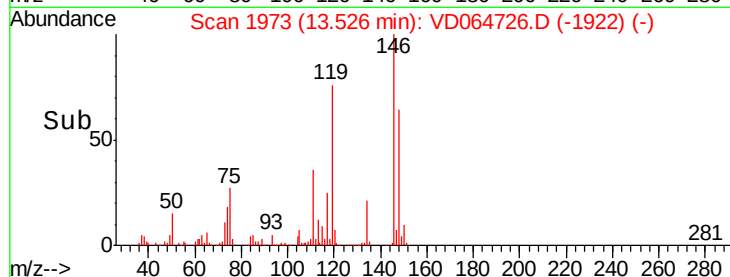
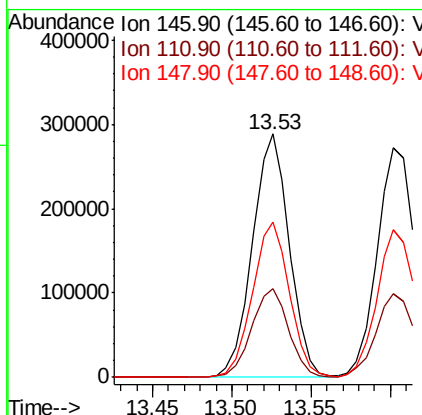
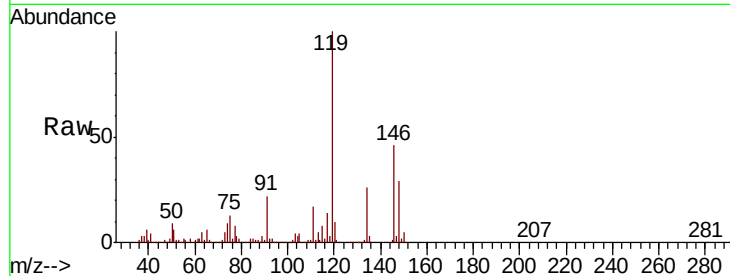




#87
 1,3-Dichlorobenzene
 Concen: 52.916 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

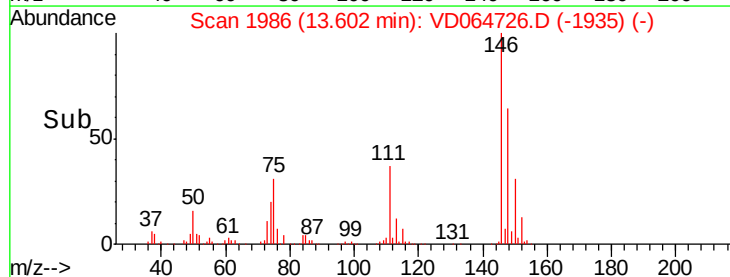
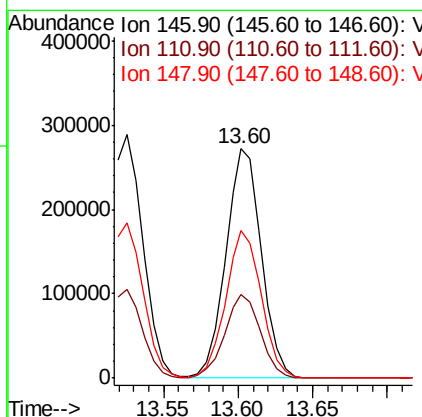
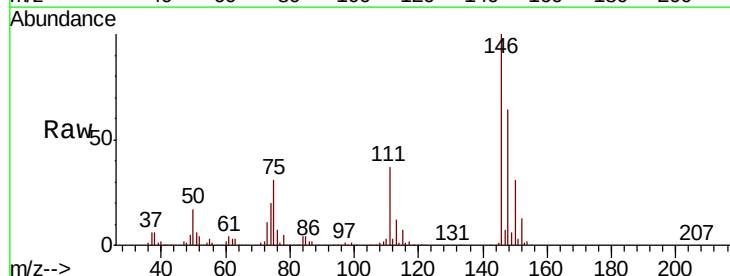
Instrument :
 MSVOA_D
 ClientSampleId :

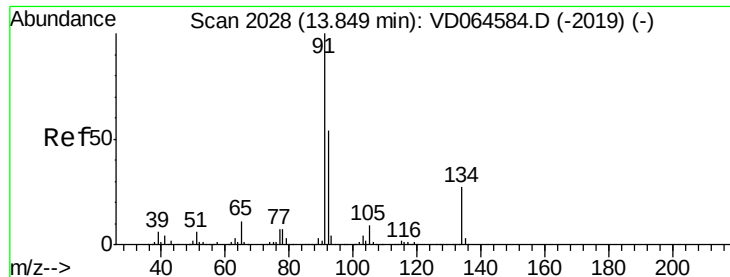
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.4
148	63.8	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 51.999 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.5	32.3	96.9

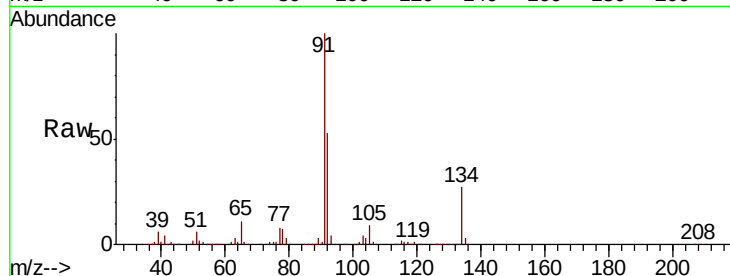




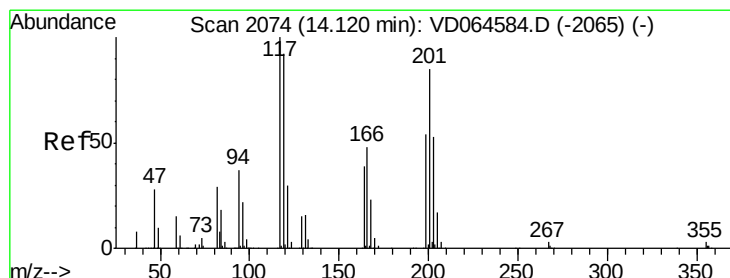
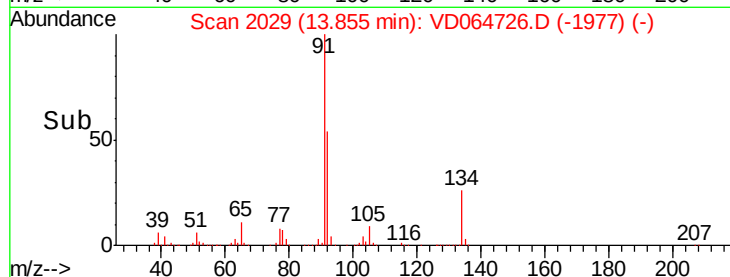
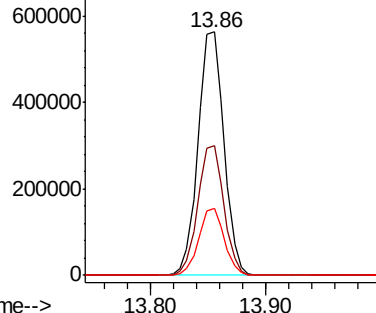
#89
n-Butylbenzene
Concen: 55.104 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 874346
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 27.2 14.0 41.9

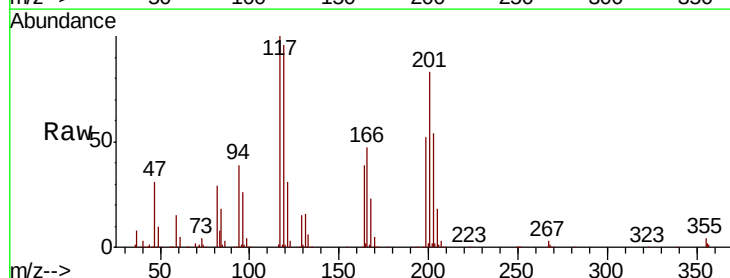


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

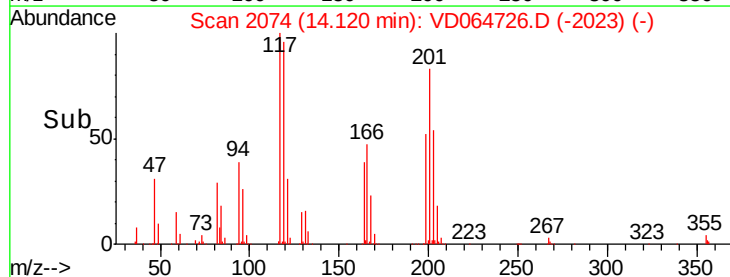
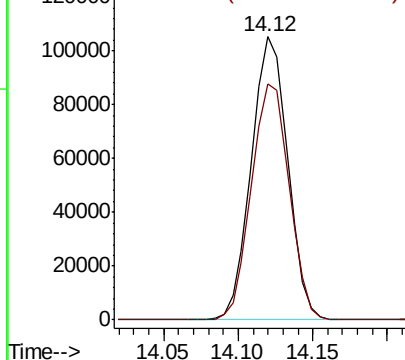


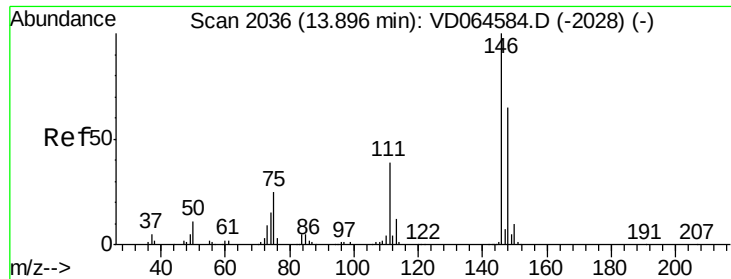
#90
Hexachloroethane
Concen: 52.748 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 117 Resp: 177536
Ion Ratio Lower Upper
117 100
201 86.8 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

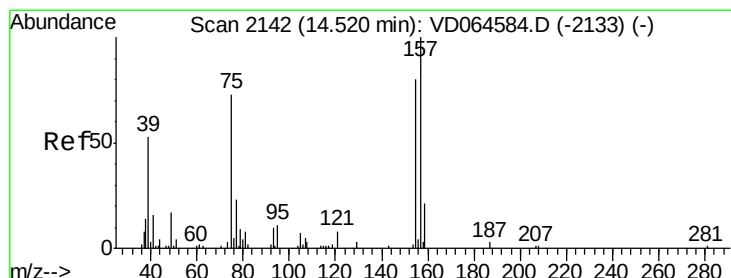
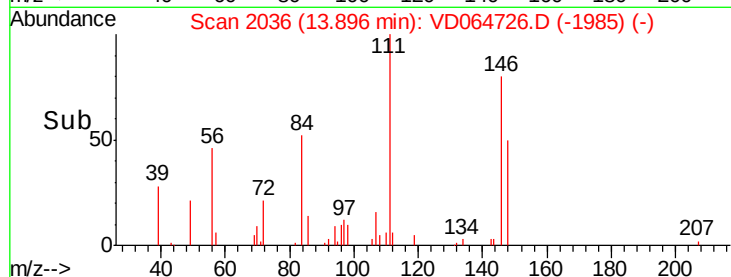
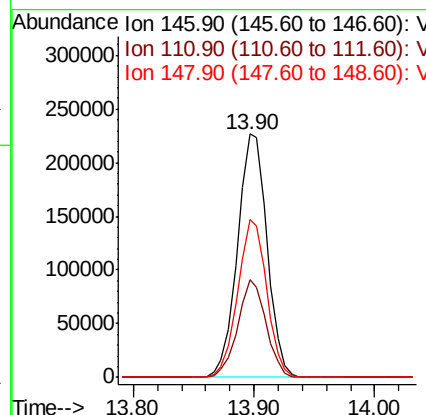
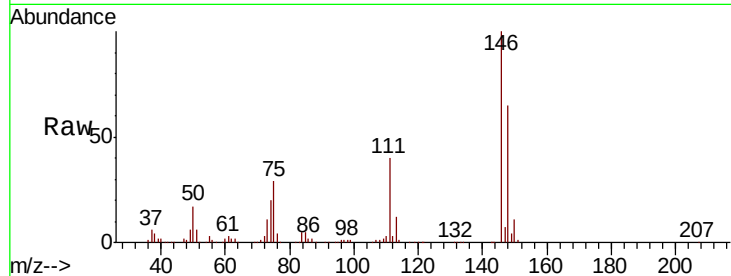




#91
 1,2-Dichlorobenzene
 Concen: 51.440 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

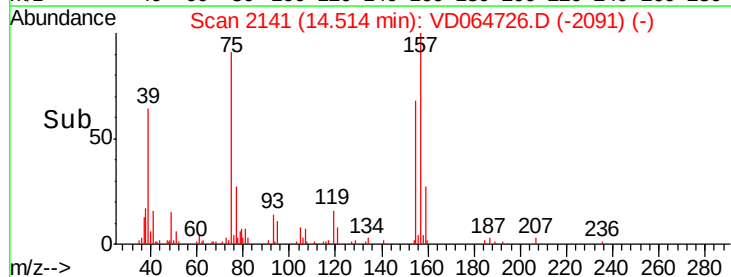
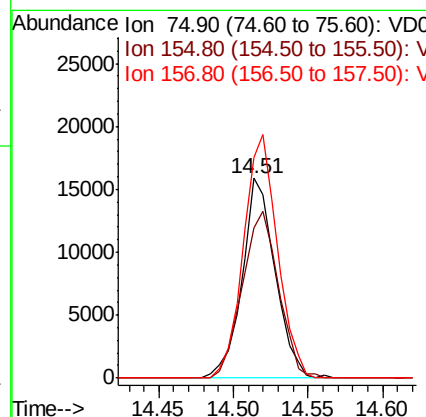
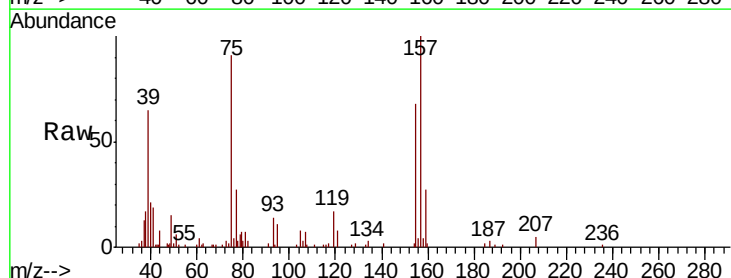
Instrument :
 MSVOA_D
 ClientSampled :

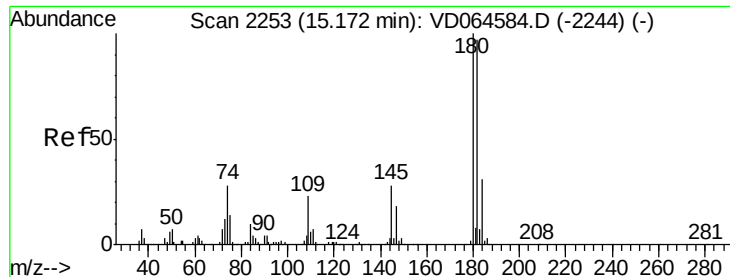
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.642 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	48.0	144.0
157	125.1	64.1	192.3

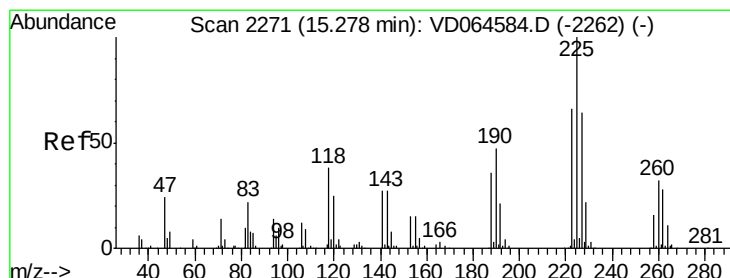
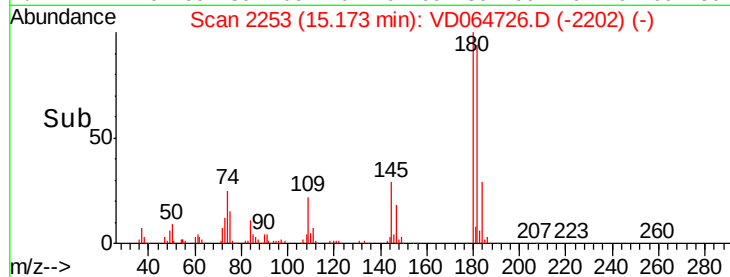
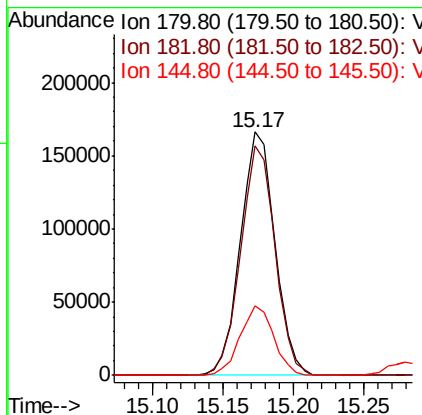
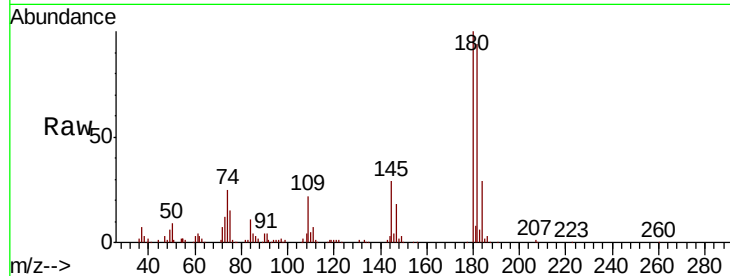




#93
 1,2,4-Trichlorobenzene
 Concen: 51.426 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

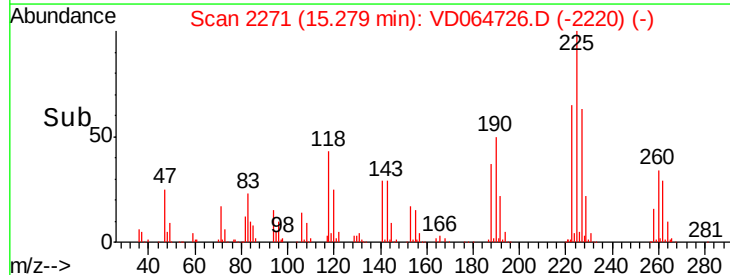
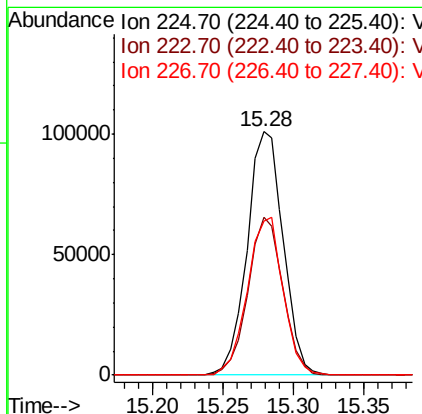
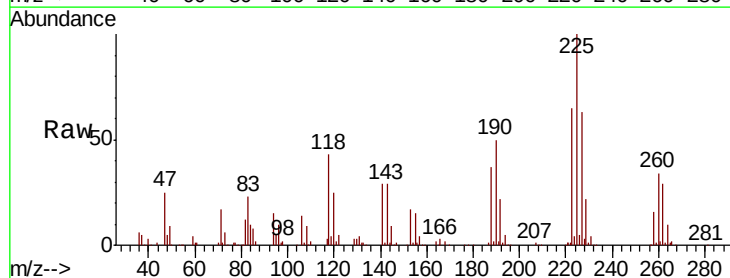
Instrument :
 MSVOA_D
 ClientSampleID :

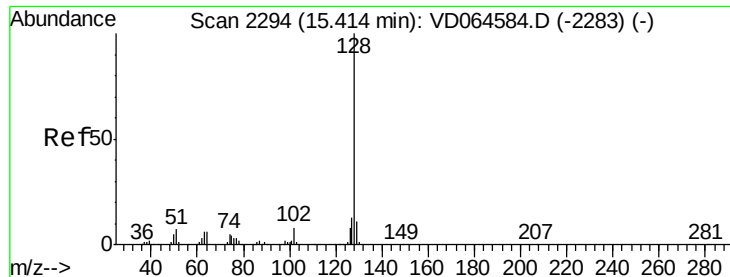
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	27.9	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 51.922 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.2
227	64.0	30.9	92.7

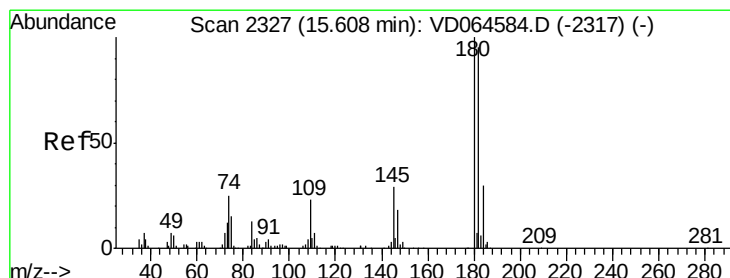
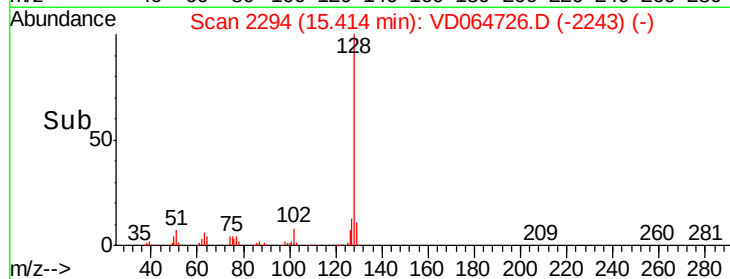
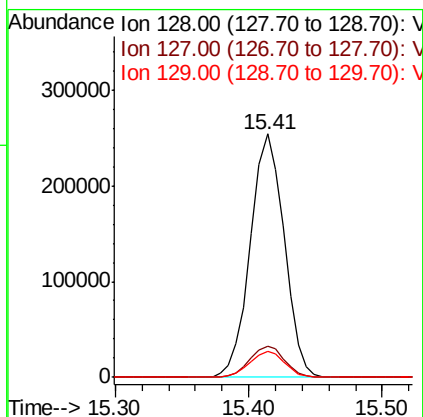
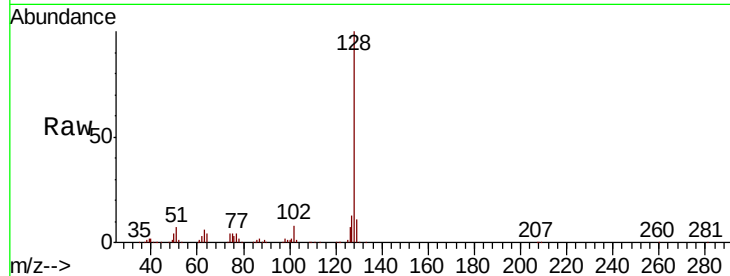




#95
Naphthalene
Concen: 50.706 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 444600
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 49.736 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion:180 Resp: 235330
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.7
145 30.2 14.9 44.7

