

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064976.D
 Acq On : 28 Jan 2020 13:56
 Operator : VA/SY
 Sample : VD0128SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 01:33:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	451325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	659083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	583950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	223380	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.92	113	217657	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.34	98	841115	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.64	95	260386	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	70203	20.647	ug/l 98
3) Chloromethane	2.21	50	102769	20.623	ug/l 96
4) Vinyl Chloride	2.35	62	119723	20.918	ug/l 97
5) Bromomethane	2.76	94	81665	21.211	ug/l 96
6) Chloroethane	2.92	64	77139	20.443	ug/l 98
7) Trichlorofluoromethane	3.27	101	187419	21.203	ug/l 95
8) Diethyl Ether	3.70	74	42376	21.236	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	89698	21.811	ug/l 98
10) Methyl Iodide	4.29	142	89384	20.476	ug/l 100
11) Tert butyl alcohol	5.26	59	23629	98.770	ug/l # 92
12) 1,1-Dichloroethene	4.06	96	82481	20.995	ug/l 93
13) Acrolein	3.93	56	26216	87.414	ug/l 97
14) Allyl chloride	4.71	41	130727	20.863	ug/l 100
15) Acrylonitrile	5.44	53	90159	104.337	ug/l 98
16) Acetone	4.16	43	94253	91.199	ug/l 94
17) Carbon Disulfide	4.40	76	273260	21.134	ug/l 99
18) Methyl Acetate	4.72	43	45648	22.514	ug/l 99
19) Methyl tert-butyl Ether	5.49	73	181248	20.647	ug/l 98
20) Methylene Chloride	4.97	84	104278	21.068	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	94401	20.856	ug/l 98
22) Diisopropyl ether	6.37	45	266377	21.332	ug/l 97
23) Vinyl Acetate	6.31	43	743216	101.654	ug/l 100
24) 1,1-Dichloroethane	6.27	63	164622	21.471	ug/l 97
25) 2-Butanone	7.23	43	121049	103.497	ug/l 98
26) 2,2-Dichloropropane	7.21	77	148815	21.399	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	103045	21.329	ug/l 96
28) Bromochloromethane	7.55	49	53141	17.331	ug/l 97
29) Tetrahydrofuran	7.58	42	73617	102.014	ug/l 99
30) Chloroform	7.71	83	172557	21.772	ug/l 99
31) Cyclohexane	7.98	56	155560	20.625	ug/l 95
32) 1,1,1-Trichloroethane	7.90	97	156184	21.183	ug/l 99
36) 1,1-Dichloropropene	8.11	75	137624	21.655	ug/l 99
37) Ethyl Acetate	7.30	43	49881	19.001	ug/l 95
38) Carbon Tetrachloride	8.10	117	142796	21.258	ug/l 97

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Quant Time: Jan 29 01:33:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	156514	21.064	ug/l	99
40) Benzene	8.36	78	368371	21.045	ug/l	99
41) Methacrylonitrile	7.53	41	25078	17.733	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	111074	21.303	ug/l	98
43) Isopropyl Acetate	8.46	43	102412	20.538	ug/l	98
44) Trichloroethene	9.12	130	106079	21.654	ug/l	94
45) 1,2-Dichloropropane	9.39	63	89667	21.131	ug/l	99
46) Dibromomethane	9.48	93	48665	21.007	ug/l	100
47) Bromodichloromethane	9.67	83	128456	21.309	ug/l	99
48) Methyl methacrylate	9.46	41	47104	20.527	ug/l	95
49) 1,4-Dioxane	9.47	88	11025	410.335	ug/l	90
51) 4-Methyl-2-Pentanone	10.24	43	259692	104.081	ug/l	99
52) Toluene	10.41	92	239465	21.220	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	121735	21.200	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	143167	21.295	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	64946	20.812	ug/l	96
56) Ethyl methacrylate	10.67	69	76684	20.550	ug/l	96
57) 1,3-Dichloropropane	10.95	76	114132	21.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	125434	101.178	ug/l	99
59) 2-Hexanone	10.99	43	177298	103.017	ug/l	98
60) Dibromochloromethane	11.14	129	87689	21.025	ug/l	99
61) 1,2-Dibromoethane	11.25	107	62294	20.732	ug/l	99
64) Tetrachloroethene	10.88	164	91614	21.711	ug/l	91
65) Chlorobenzene	11.68	112	251617	21.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	95014	21.309	ug/l	99
67) Ethyl Benzene	11.75	91	454561	21.595	ug/l	97
68) m/p-Xylenes	11.86	106	349125	43.079	ug/l	99
69) o-Xylene	12.18	106	152950	21.265	ug/l	98
70) Styrene	12.20	104	273477	21.344	ug/l	99
71) Bromoform	12.37	173	53109	21.426	ug/l #	99
73) Isopropylbenzene	12.48	105	422623	21.546	ug/l	100
74) N-amyl acetate	12.30	43	90422	20.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	70580	21.410	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	95484	40.087	ug/l #	100
77) Bromobenzene	12.77	156	104384	21.750	ug/l	98
78) n-propylbenzene	12.83	91	505151	21.656	ug/l	100
79) 2-Chlorotoluene	12.91	91	283532	22.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	351377	21.860	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23002	20.620	ug/l	97
82) 4-Chlorotoluene	13.01	91	297022	21.887	ug/l	99
83) tert-Butylbenzene	13.23	119	284026	20.822	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	347577	21.346	ug/l	99
85) sec-Butylbenzene	13.41	105	415231	21.499	ug/l	99
86) p-Isopropyltoluene	13.53	119	386124	21.364	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	196727	21.364	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	196613	21.513	ug/l	99
89) n-Butylbenzene	13.86	91	358298	21.723	ug/l	99
90) Hexachloroethane	14.12	117	75042	21.531	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	168669	21.576	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10924	20.706	ug/l	91

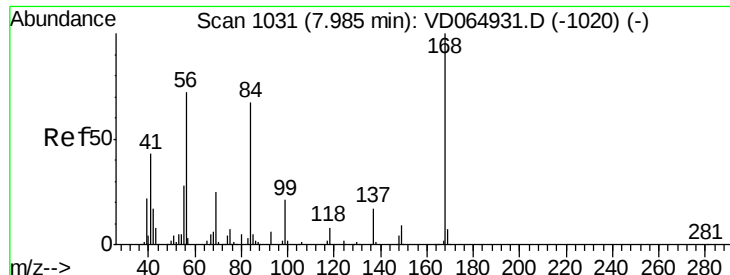
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	116910	21.617	ug/l	99
94) Hexachlorobutadiene	15.28	225	74046	21.645	ug/l	98
95) Naphthalene	15.41	128	182906	20.956	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	103128	21.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

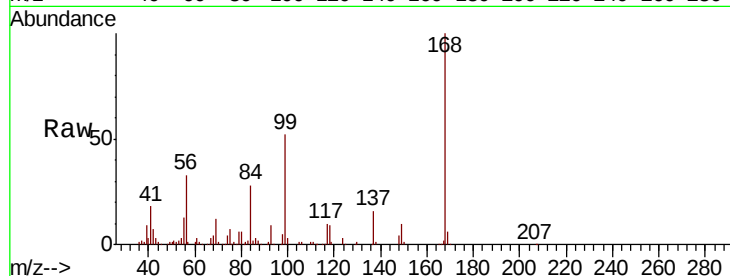
ClientSampleId :

Tot Ion:168 Resp: 451325

Ion Ratio Lower Upper

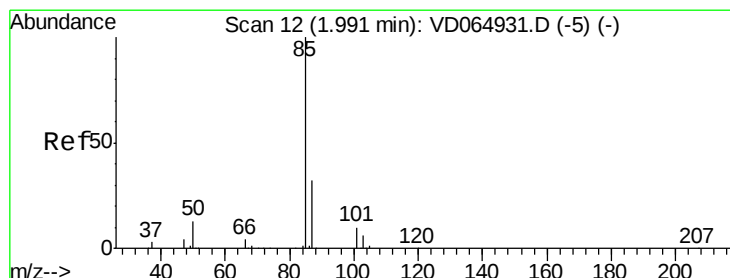
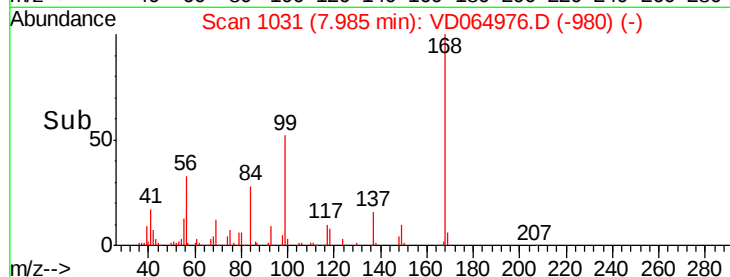
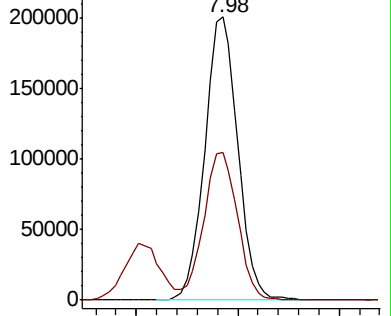
168 100

99 51.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.647 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064976.D

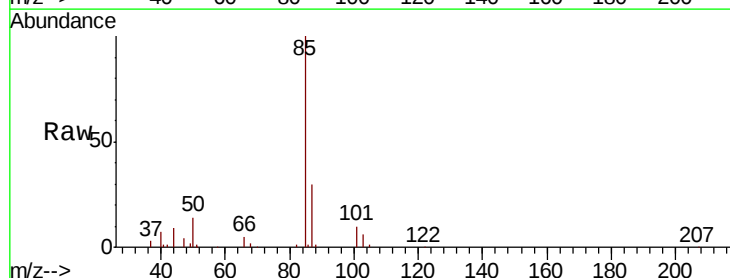
Acq: 28 Jan 2020 13:56

Tgt Ion: 85 Resp: 70203

Ion Ratio Lower Upper

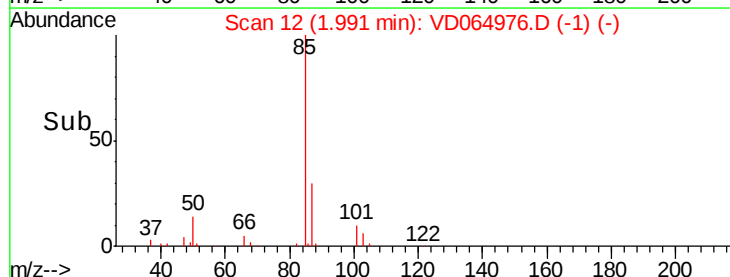
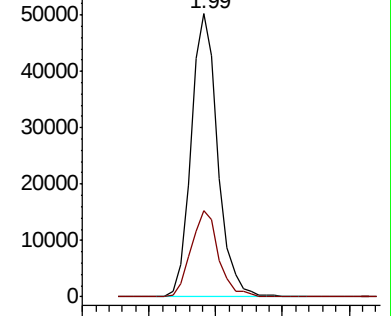
85 100

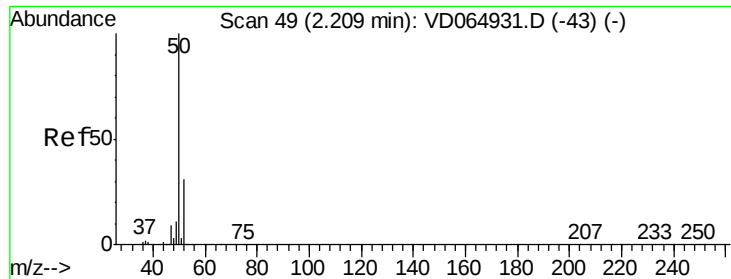
87 30.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.623 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

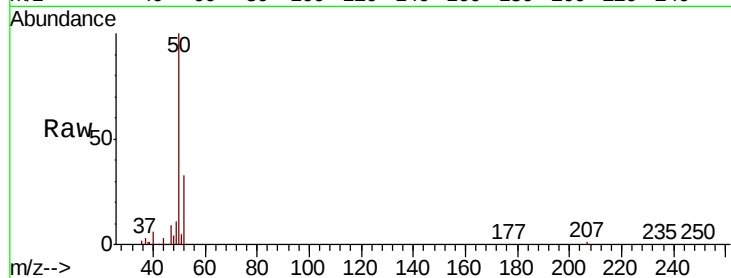
ClientSampleId :

Tot Ion: 50 Resp: 102769

Ion Ratio Lower Upper

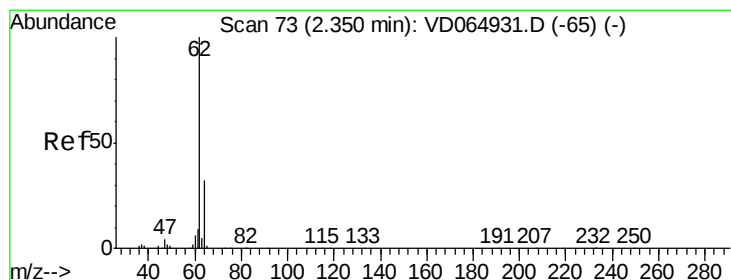
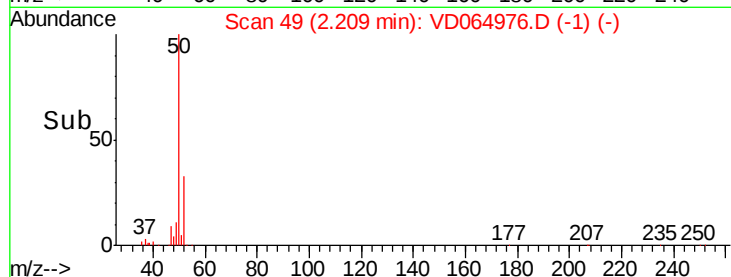
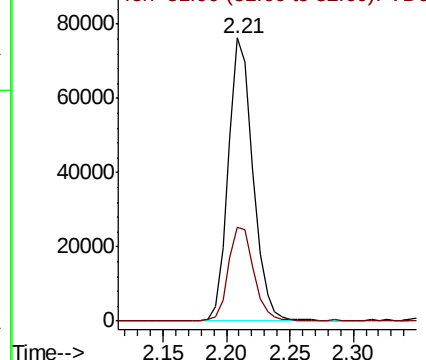
50 100

52 33.0 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.918 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064976.D

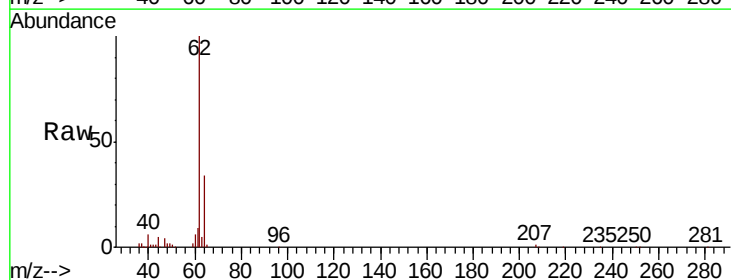
Acq: 28 Jan 2020 13:56

Tgt Ion: 62 Resp: 119723

Ion Ratio Lower Upper

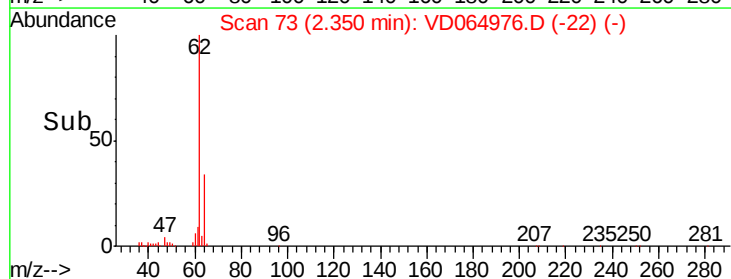
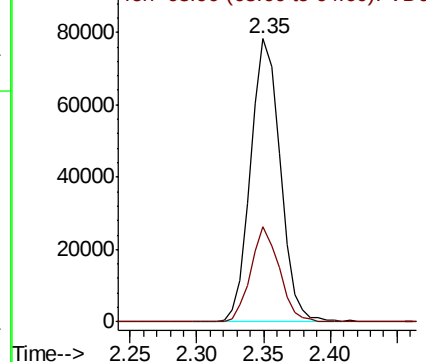
62 100

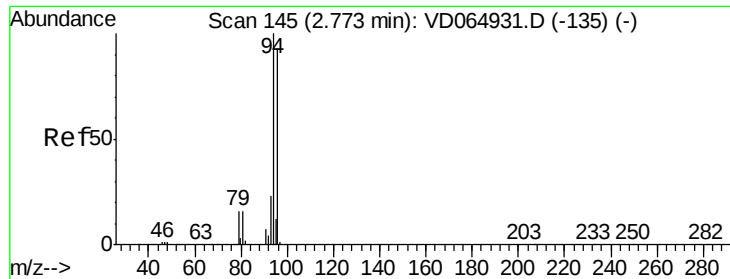
64 33.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.211 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

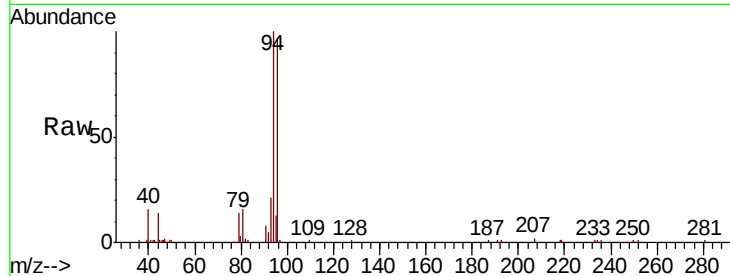
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 81665

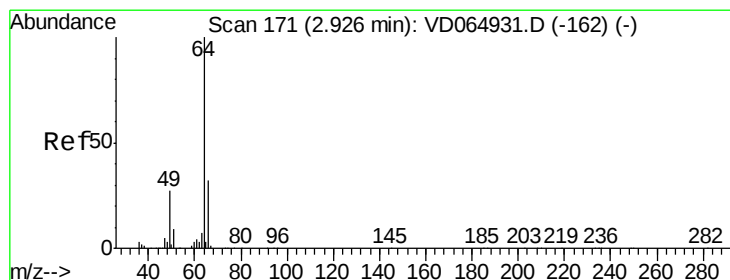
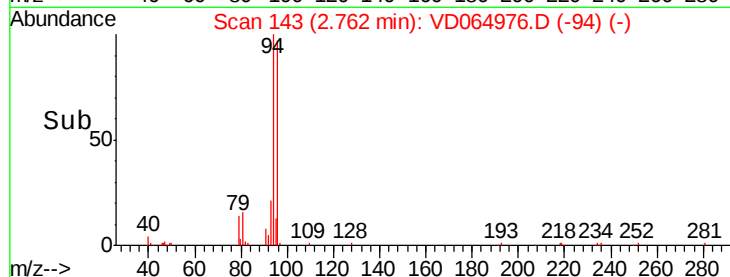
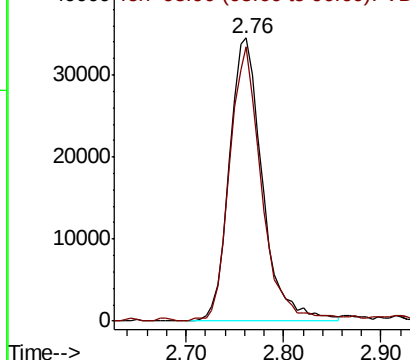
Ion Ratio Lower Upper

94 100

96 97.0 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.443 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064976.D

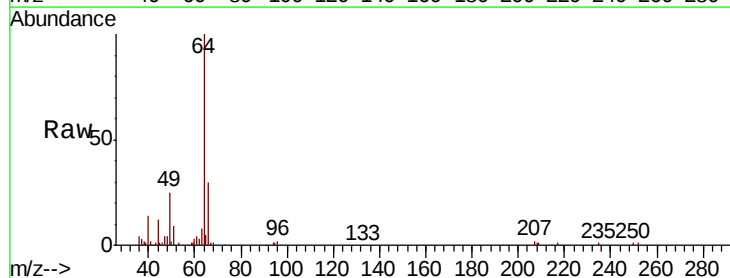
Acq: 28 Jan 2020 13:56

Tgt Ion: 64 Resp: 77139

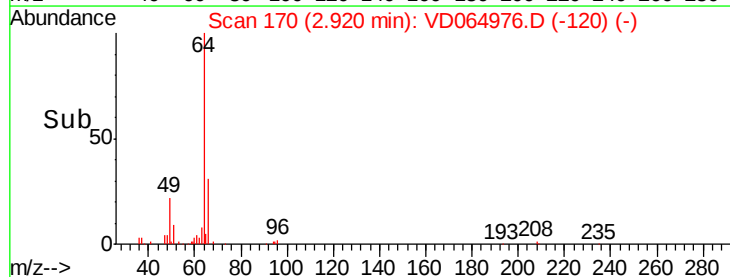
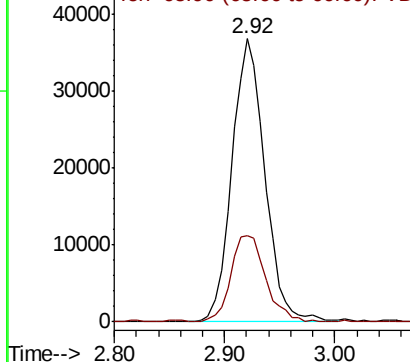
Ion Ratio Lower Upper

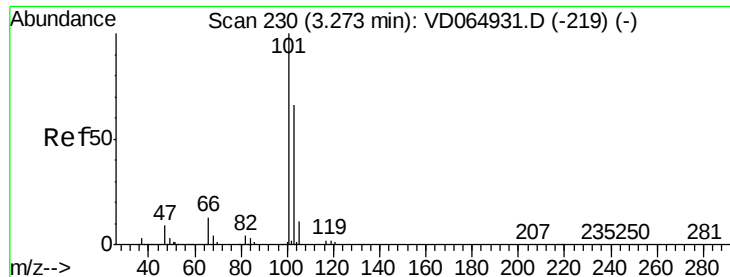
64 100

66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



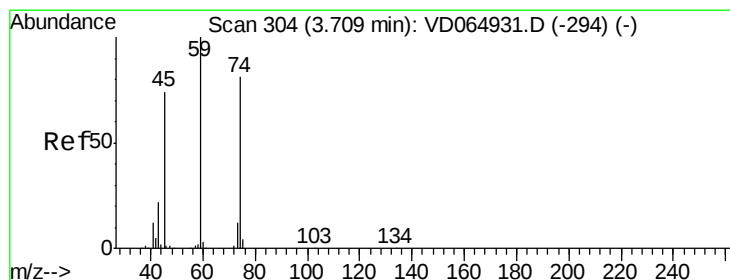
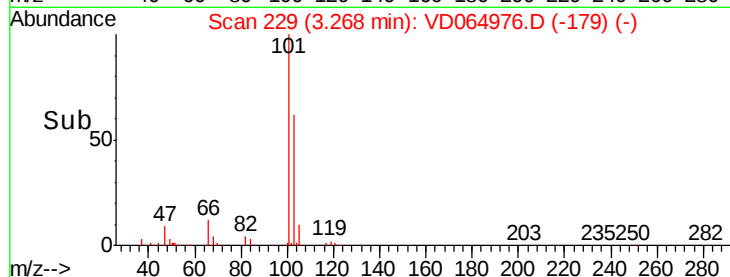
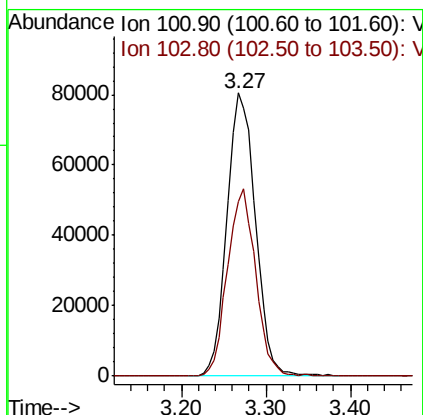
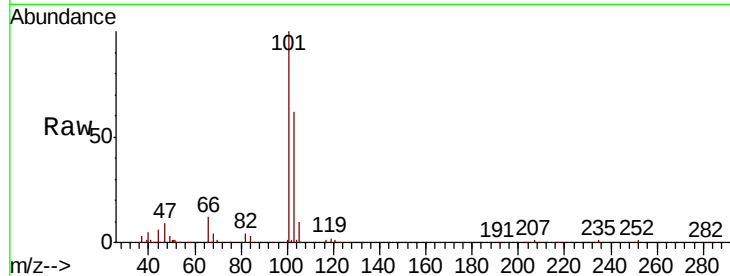


#7

Trichlorofluoromethane
 Concen: 21.203 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

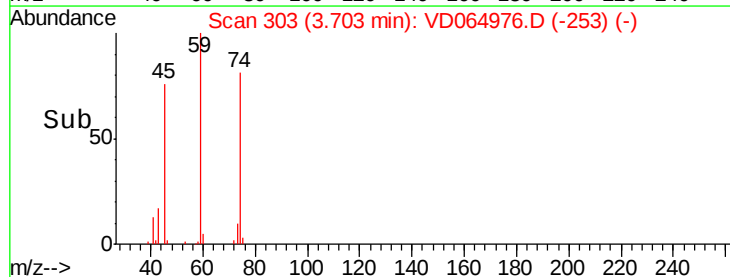
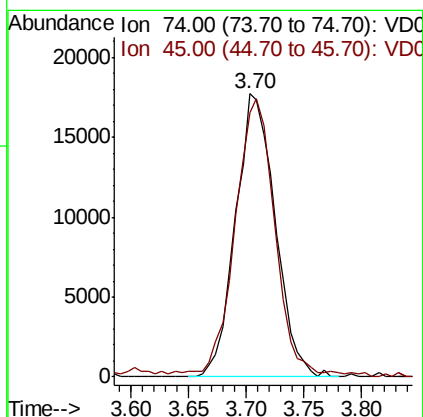
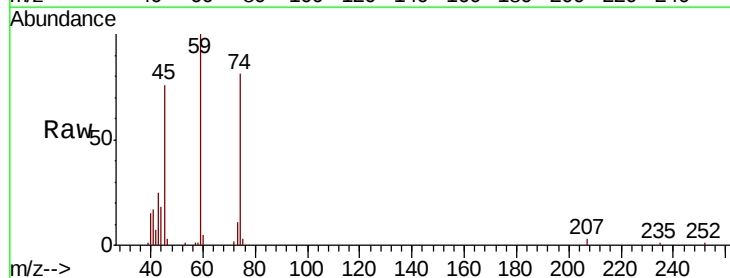
Tot Ion:101 Resp: 187419
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.5 78.7

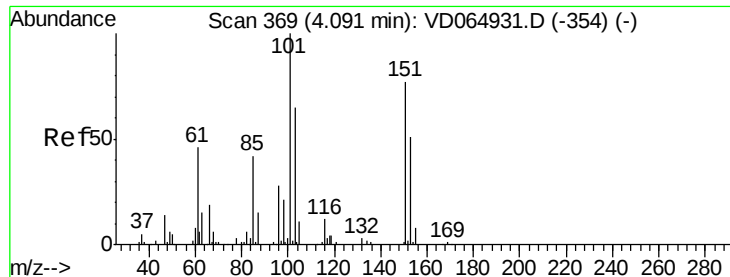


#8

Diethyl Ether
 Concen: 21.236 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion: 74 Resp: 42376
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.811 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

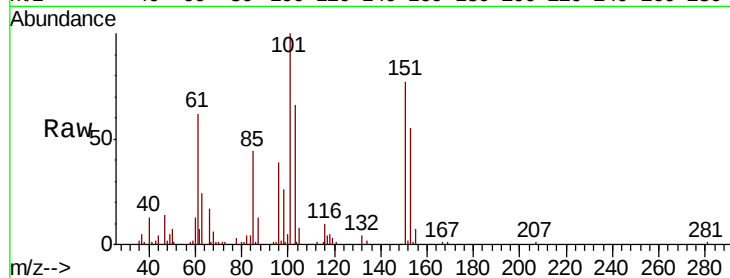
Tot Ion:101 Resp: 89698

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

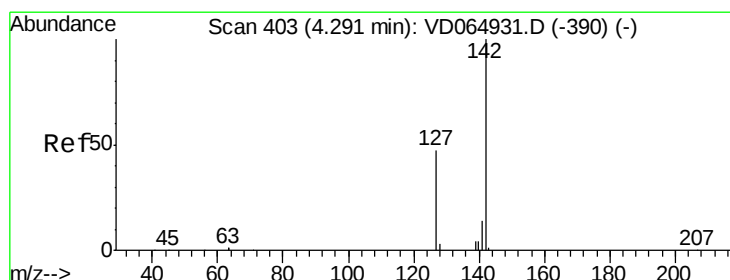
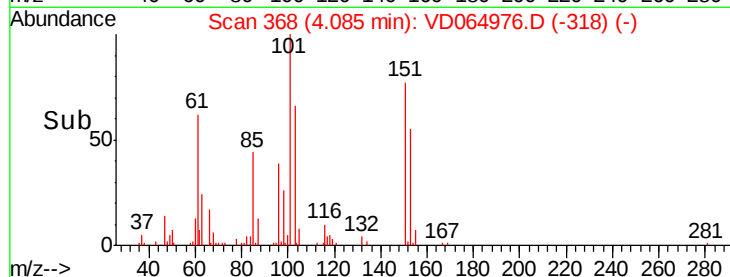
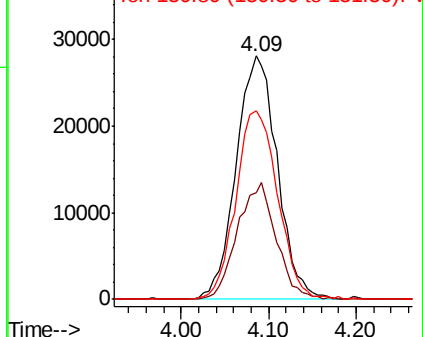
151 78.8 64.6 96.8



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: 20.476 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

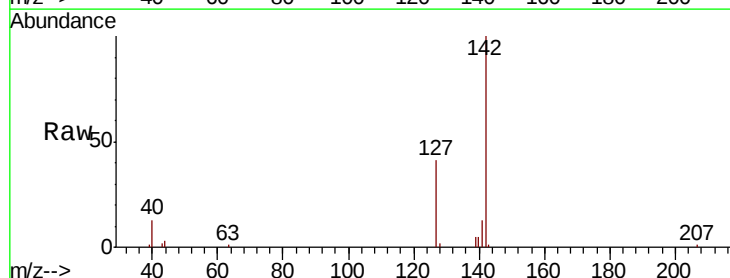
Tgt Ion:142 Resp: 89384

Ion Ratio Lower Upper

142 100

127 45.1 36.2 54.2

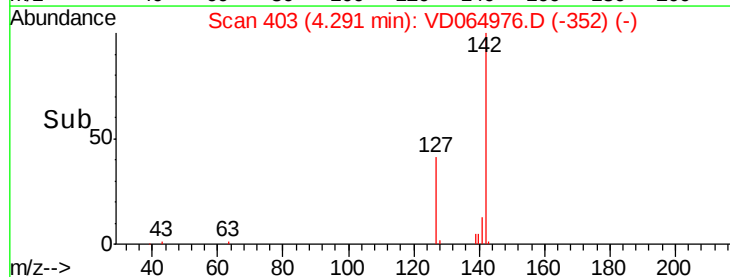
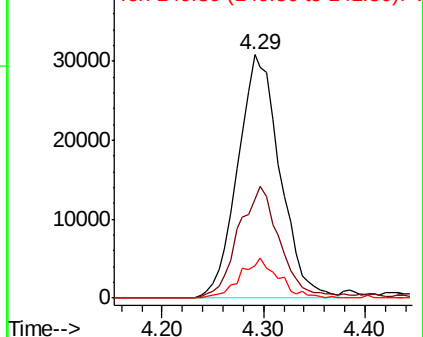
141 14.9 11.6 17.4

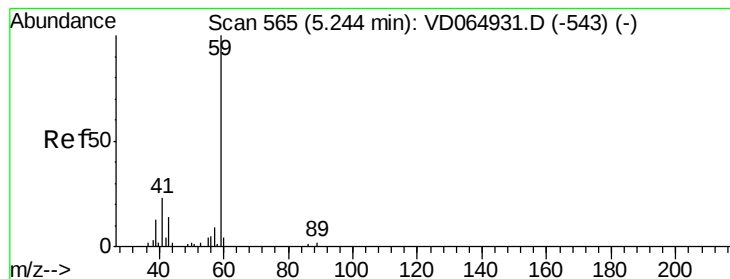


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



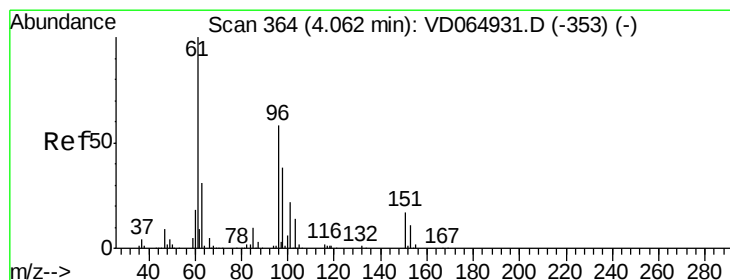
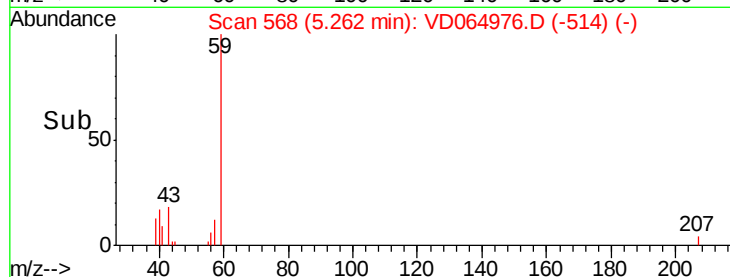
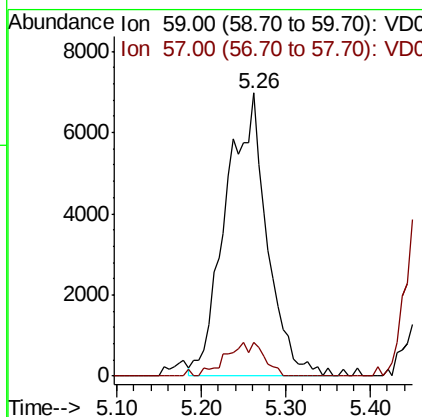
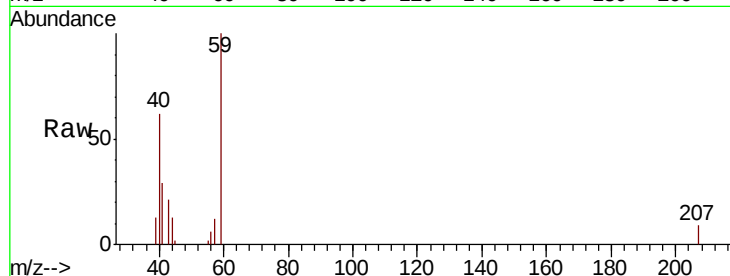


#11

Tert butyl alcohol
Concen: 98.770 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :

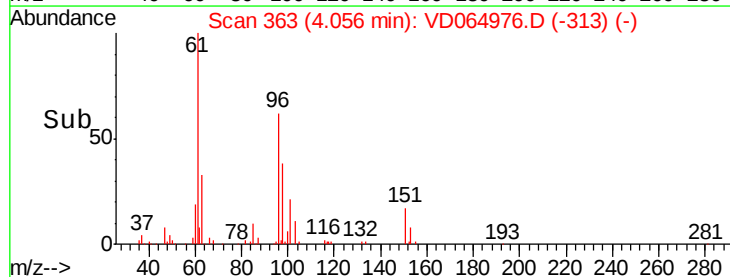
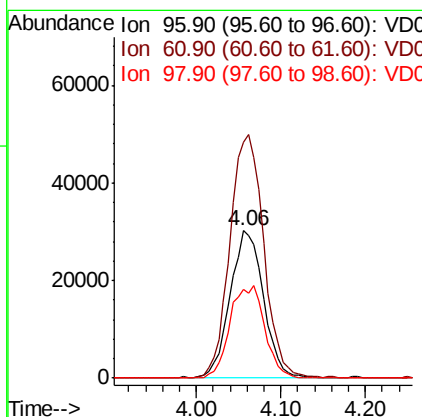
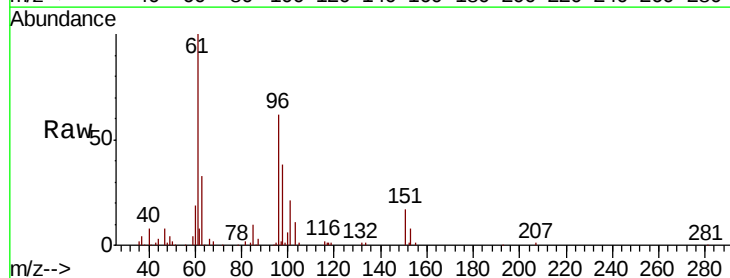
Tot Ion: 59 Resp: 23629
Ion Ratio Lower Upper
59 100
57 6.7 7.7 11.5#

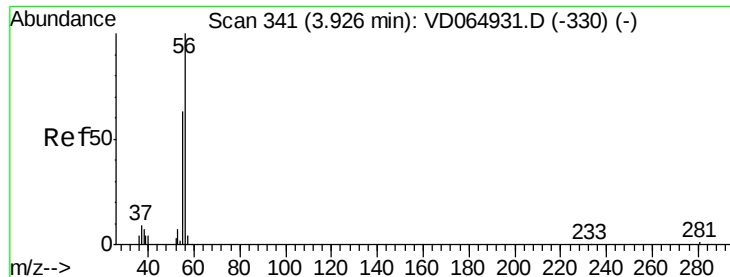


#12

1,1-Dichloroethene
Concen: 20.995 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 96 Resp: 82481
Ion Ratio Lower Upper
96 100
61 160.6 137.0 205.4
98 60.5 52.1 78.1





#13

Acrolein

Concen: 87.414 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

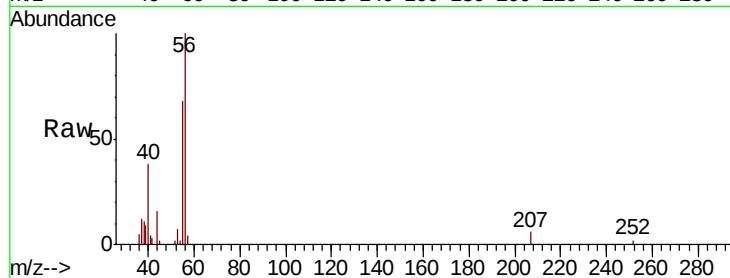
ClientSampleId :

Tot Ion: 56 Resp: 26216

Ion Ratio Lower Upper

56 100

55 72.2 59.7 89.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

10000

8000

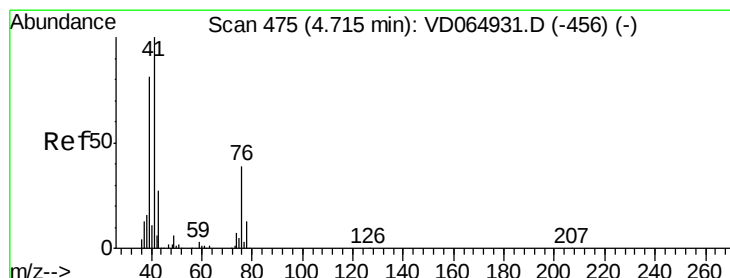
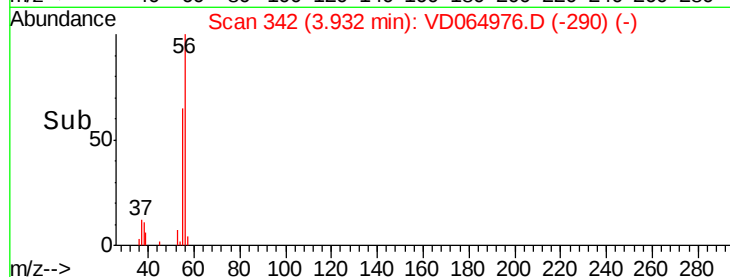
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 20.863 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

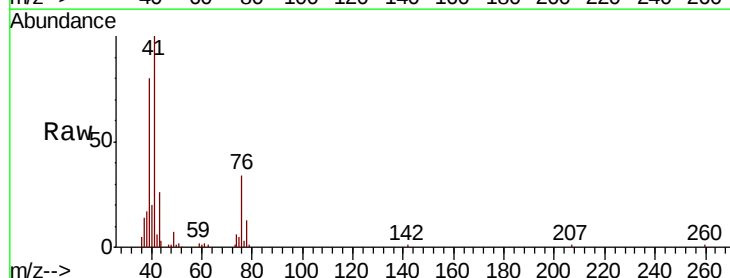
Tgt Ion: 41 Resp: 130727

Ion Ratio Lower Upper

41 100

39 77.6 62.0 93.0

76 36.0 29.3 43.9



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

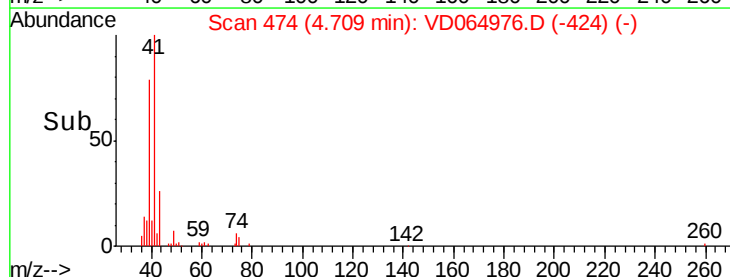
30000

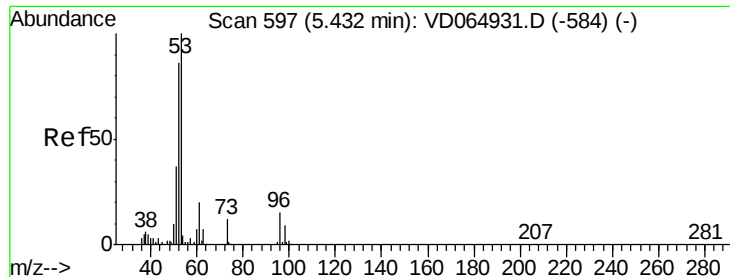
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 104.337 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

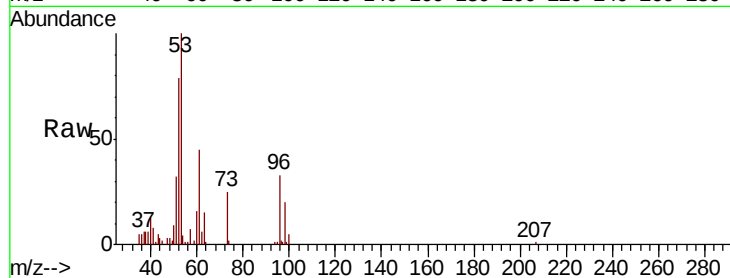
Tot Ion: 53 Resp: 90159

Ion Ratio Lower Upper

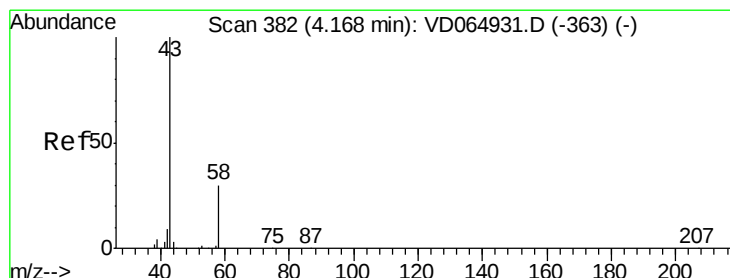
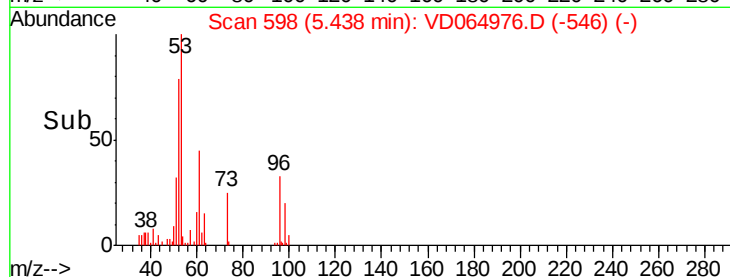
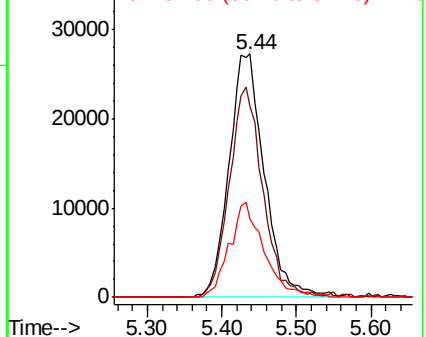
53 100

52 81.5 66.7 100.1

51 38.1 31.1 46.7



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: 91.199 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064976.D

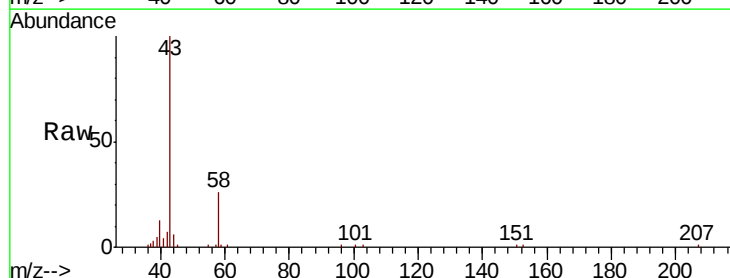
Acq: 28 Jan 2020 13:56

Tgt Ion: 43 Resp: 94253

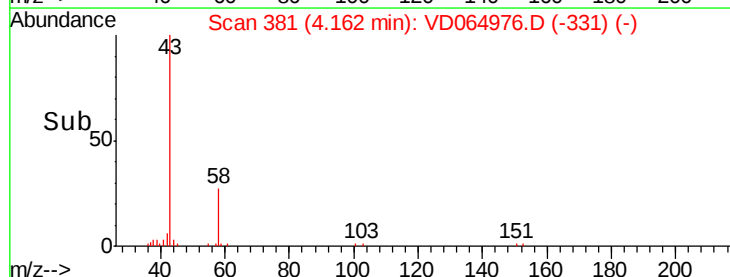
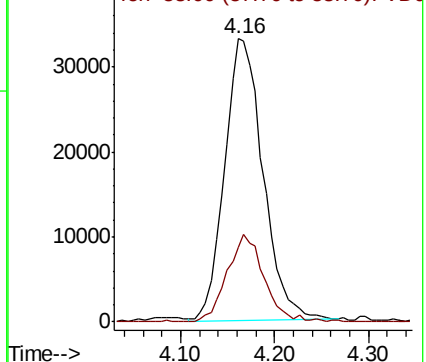
Ion Ratio Lower Upper

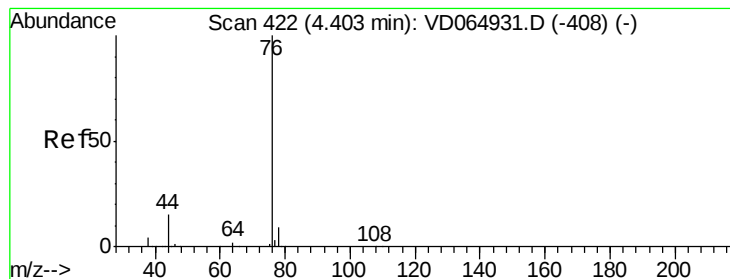
43 100

58 26.7 23.8 35.8



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





#17

Carbon Disulfide

Concen: 21.134 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

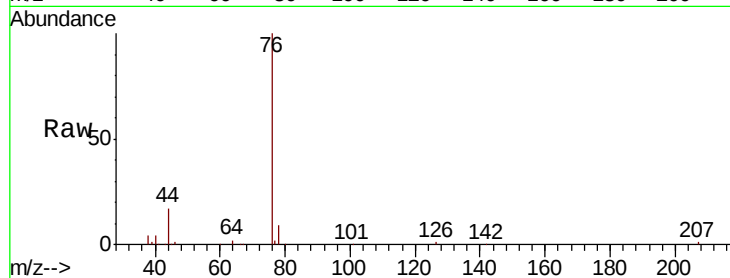
ClientSampled :

Tot Ion: 76 Resp: 273260

Ion Ratio Lower Upper

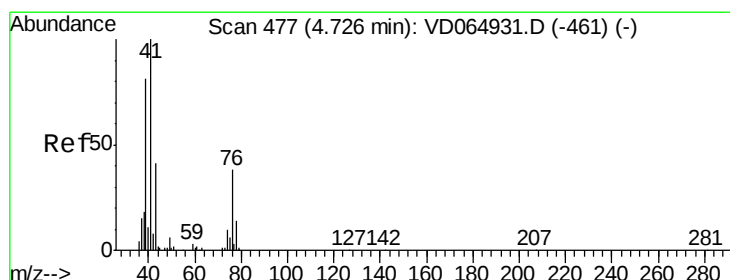
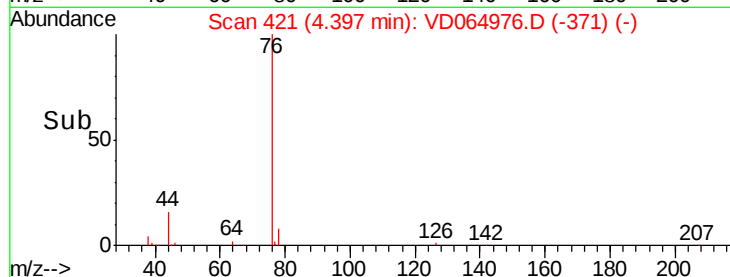
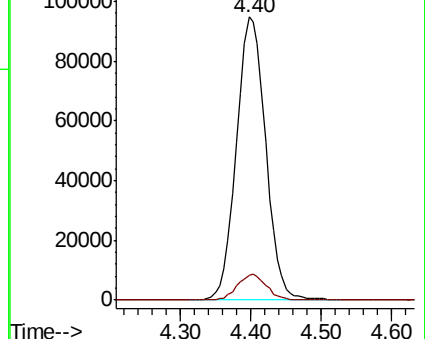
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.514 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD064976.D

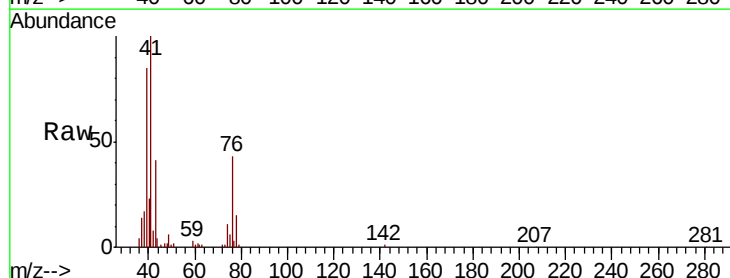
Acq: 28 Jan 2020 13:56

Tgt Ion: 43 Resp: 45648

Ion Ratio Lower Upper

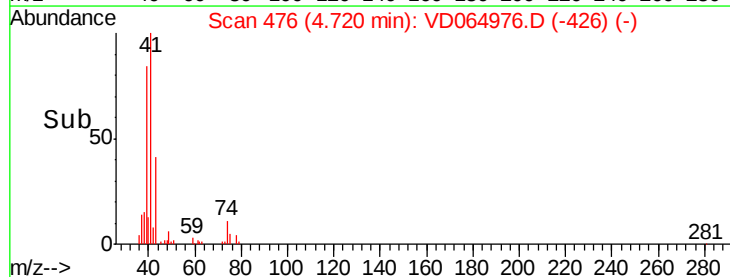
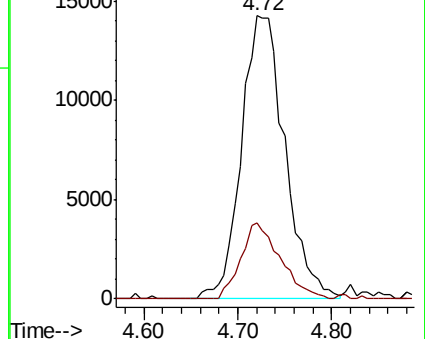
43 100

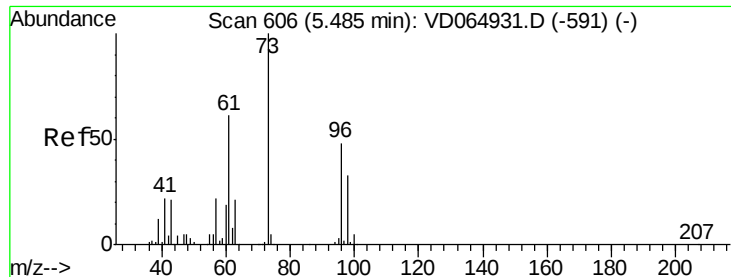
74 24.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



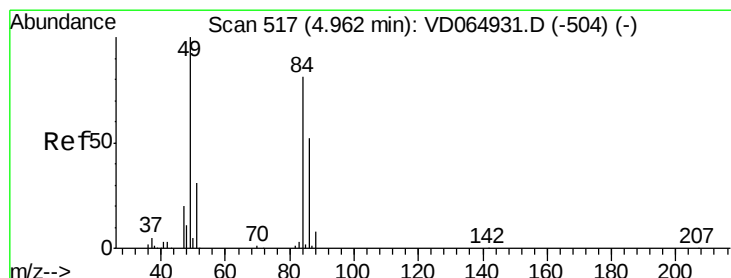
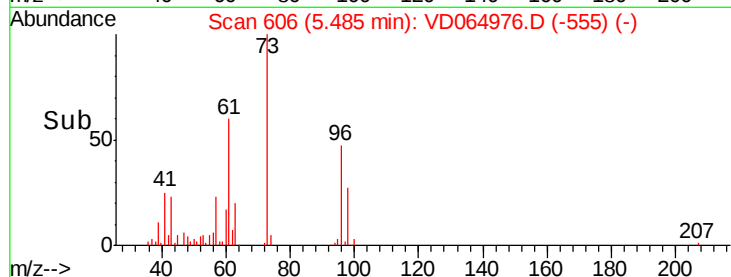
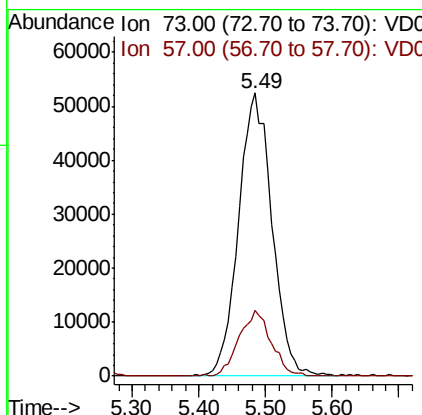
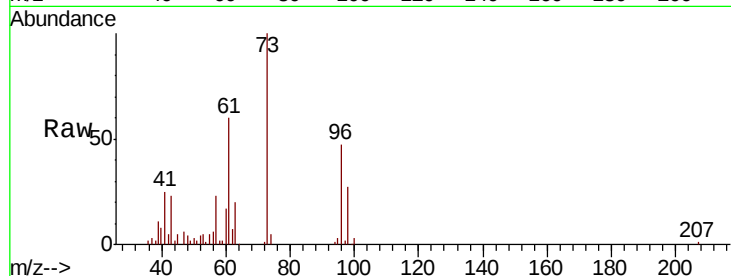


#19

Methyl tert-butyl Ether
 Concen: 20.647 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

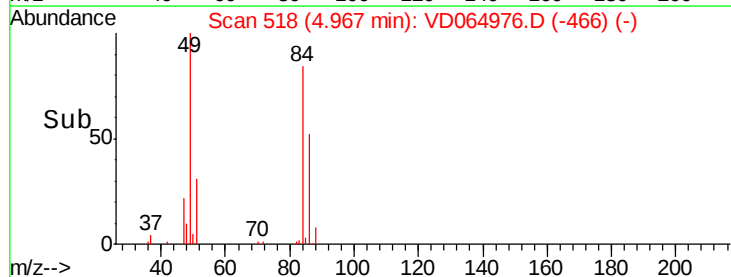
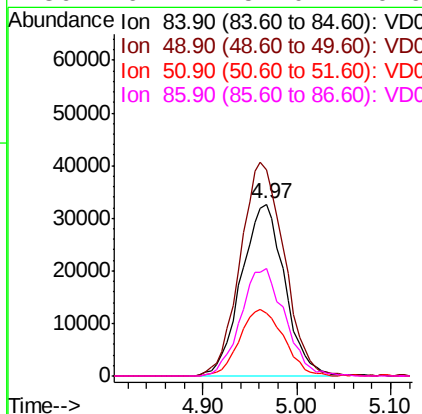
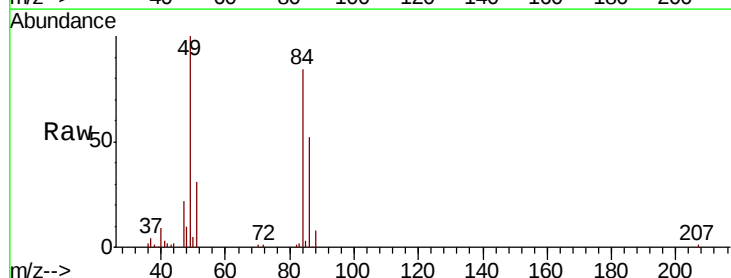
Tot Ion: 73 Resp: 181248
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.9 26.9

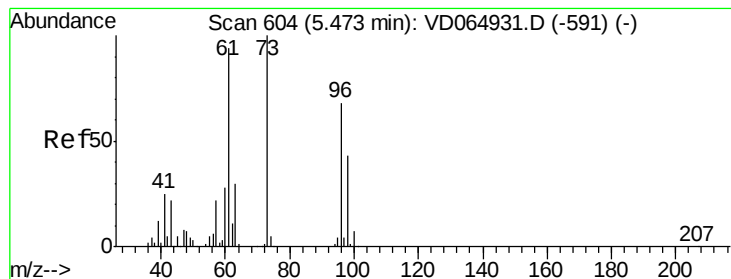


#20

Methylene Chloride
 Concen: 21.068 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion: 84 Resp: 104278
 Ion Ratio Lower Upper
 84 100
 49 119.7 98.4 147.6
 51 36.6 30.8 46.2
 86 62.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.856 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

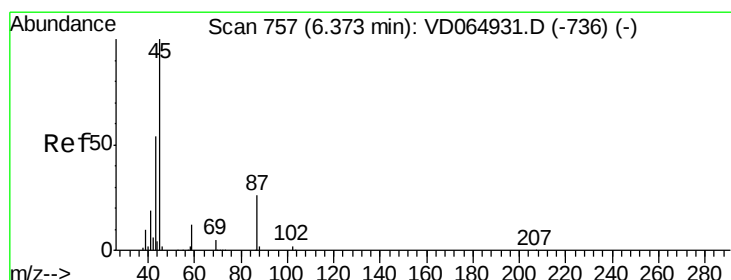
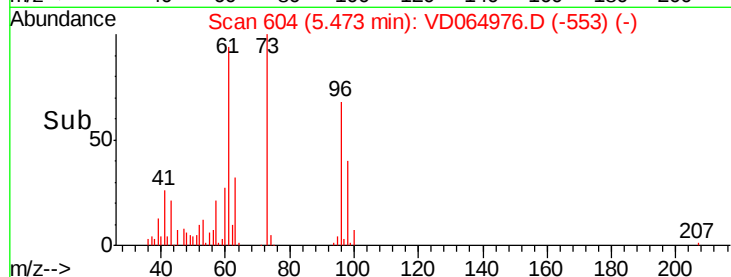
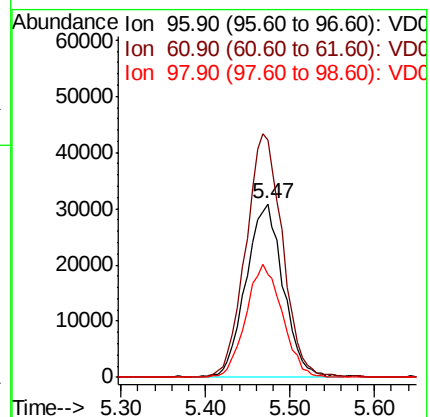
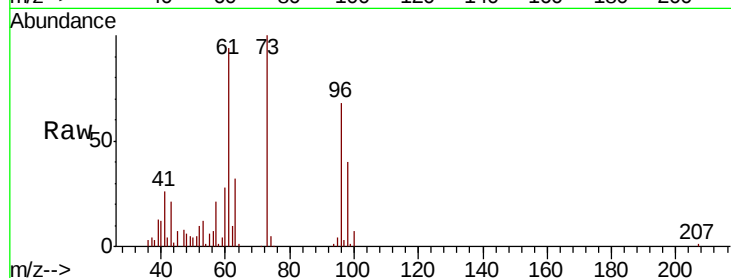
Tot Ion: 96 Resp: 94401

Ion Ratio Lower Upper

96 100

61 136.7 110.4 165.6

98 59.0 50.5 75.7



#22

Diisopropyl ether

Concen: 21.332 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Tgt Ion: 45 Resp: 266377

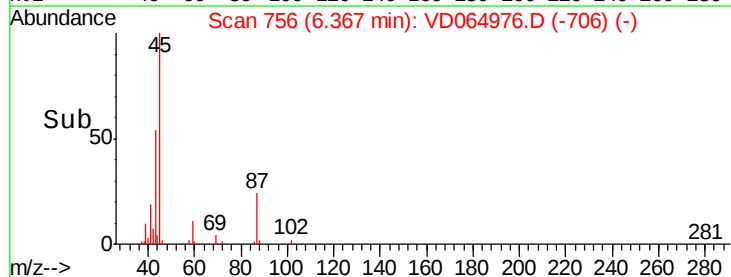
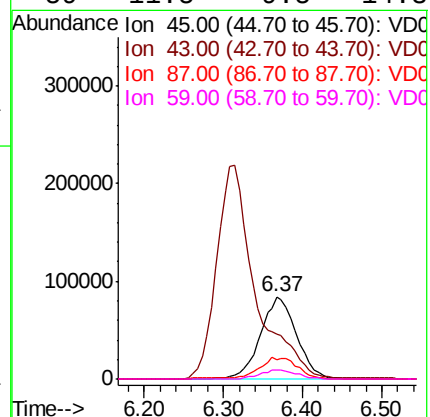
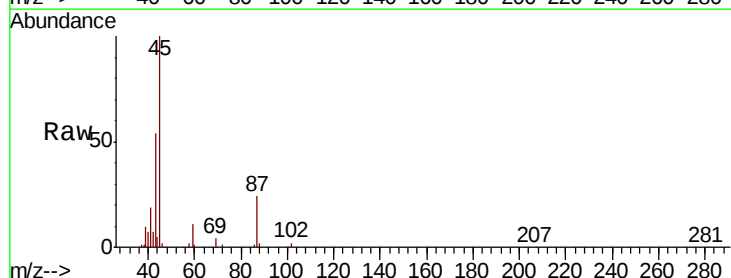
Ion Ratio Lower Upper

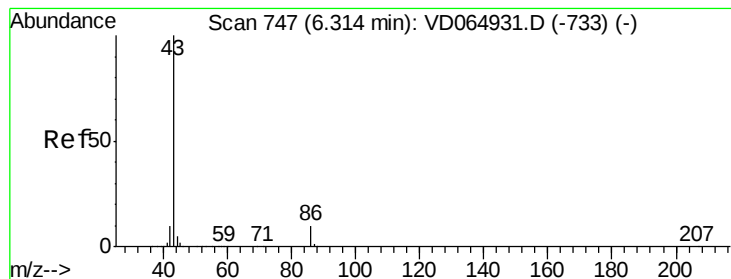
45 100

43 52.8 43.1 64.7

87 24.1 21.4 32.2

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 101.654 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

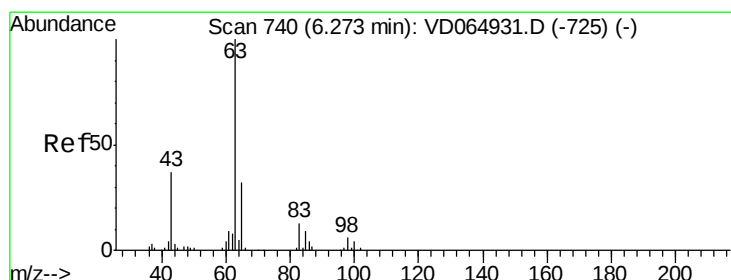
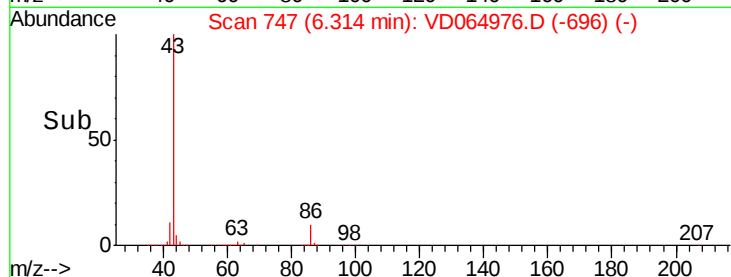
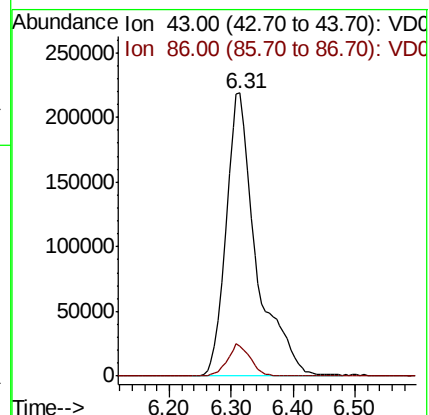
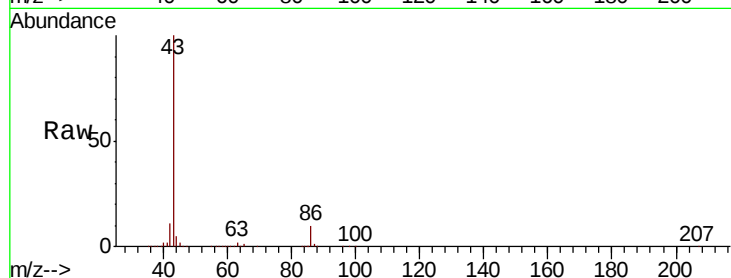
ClientSampleId :

Tot Ion: 43 Resp: 743216

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



#24

1,1-Dichloroethane

Concen: 21.471 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

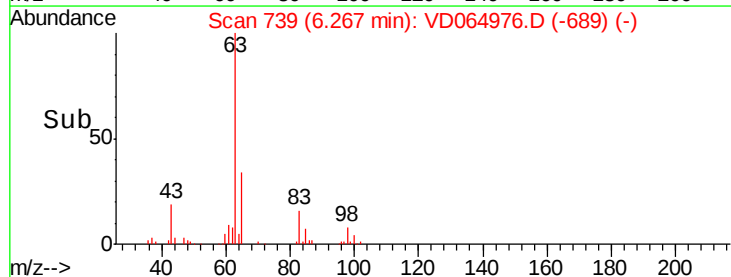
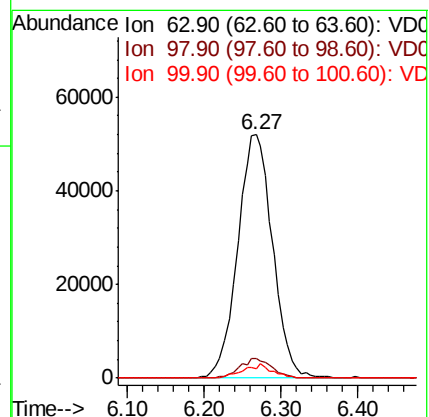
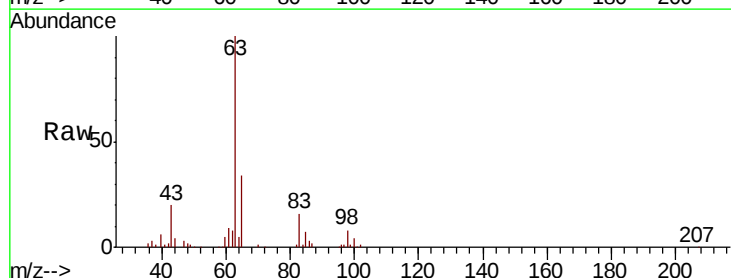
Tgt Ion: 63 Resp: 164622

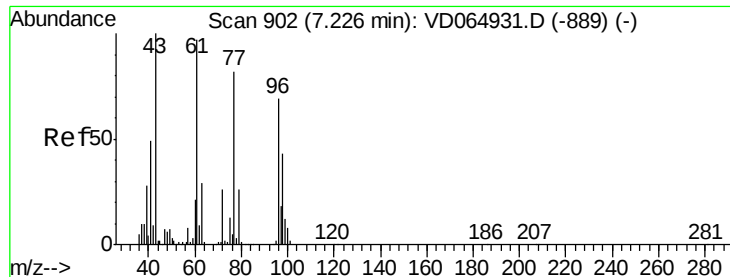
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.3

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 103.497 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

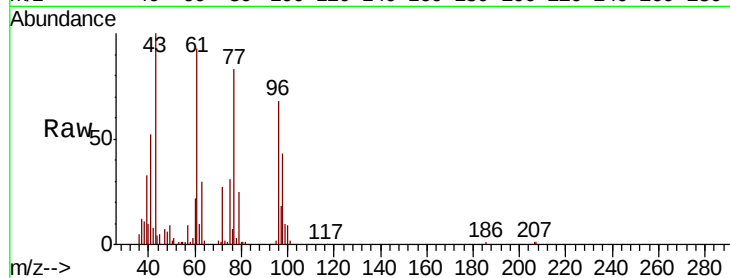
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 121049

Ion Ratio Lower Upper

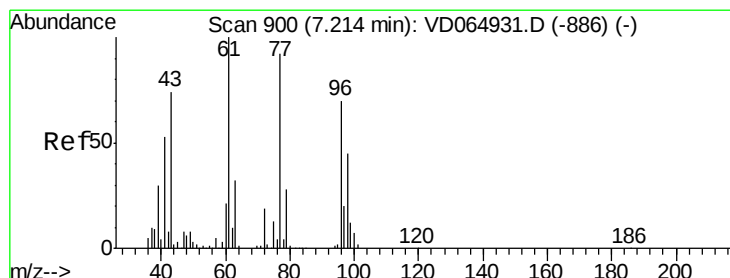
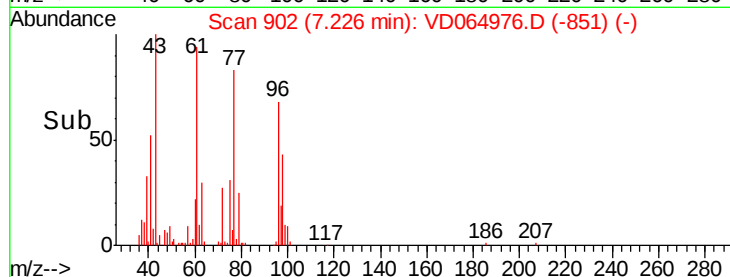
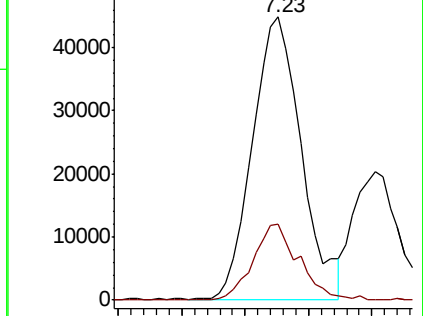
43 100

72 26.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.399 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064976.D

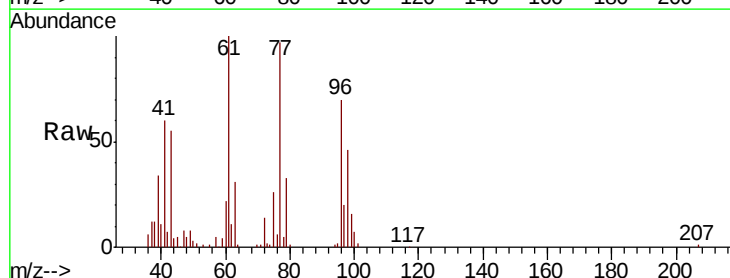
Acq: 28 Jan 2020 13:56

Tgt Ion: 77 Resp: 148815

Ion Ratio Lower Upper

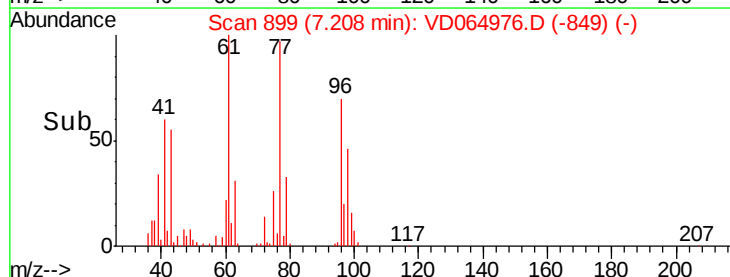
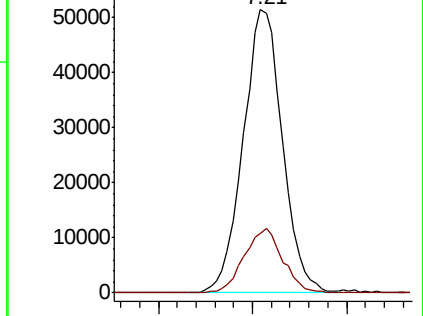
77 100

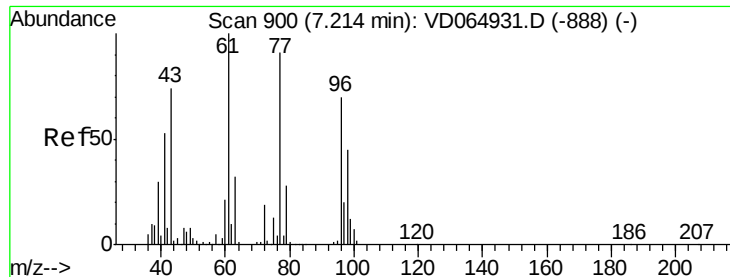
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



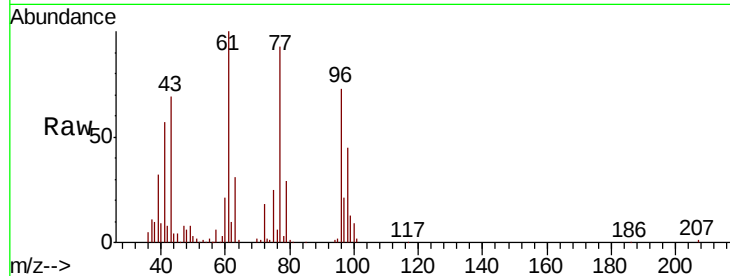


#27

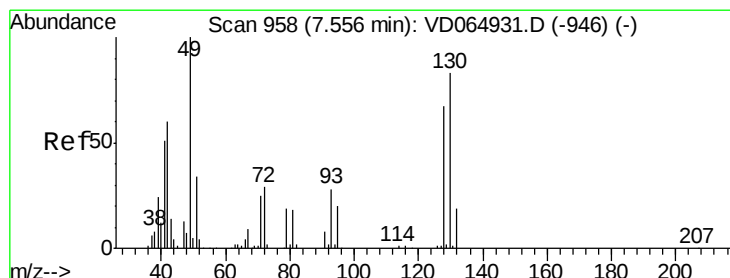
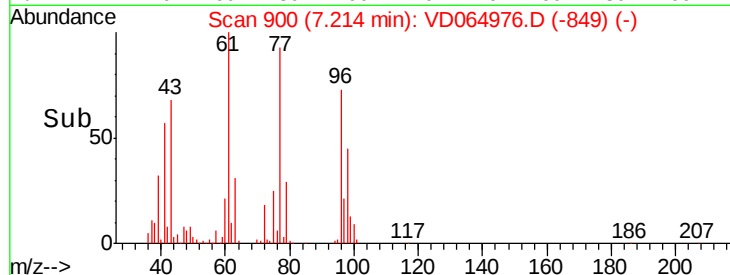
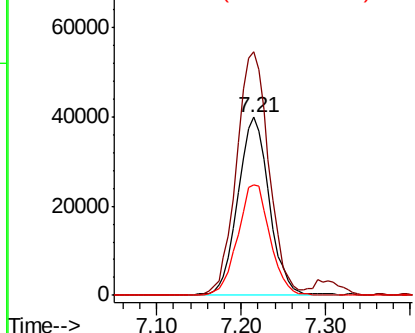
cis-1,2-Dichloroethene
Concen: 21.329 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 103045
Ion Ratio Lower Upper
96 100
61 140.8 0.0 292.8
98 63.8 0.0 130.0



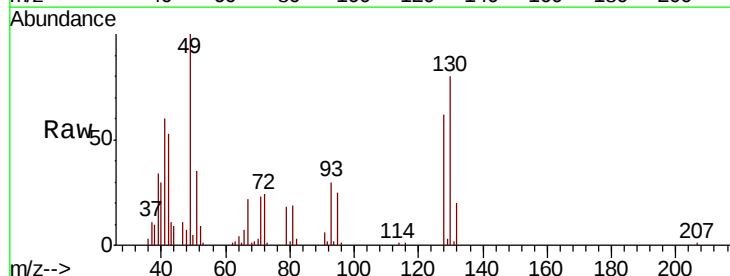
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



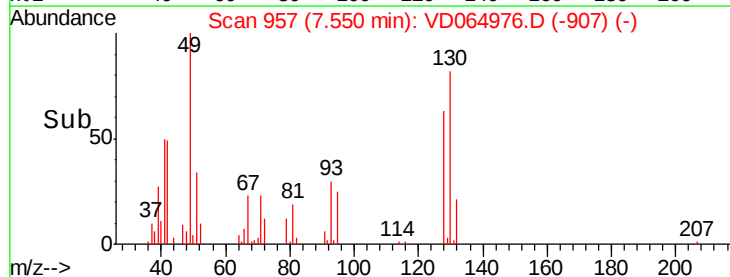
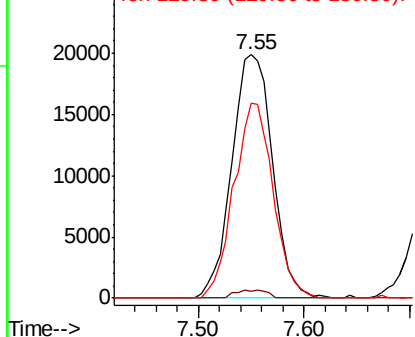
#28

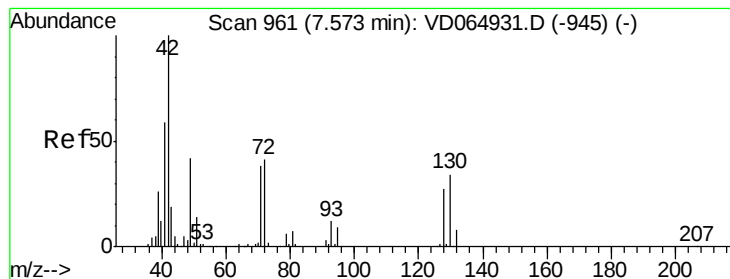
Bromochloromethane
Concen: 17.331 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 49 Resp: 53141
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 77.1 63.8 95.8



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: 102.014 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.01 min

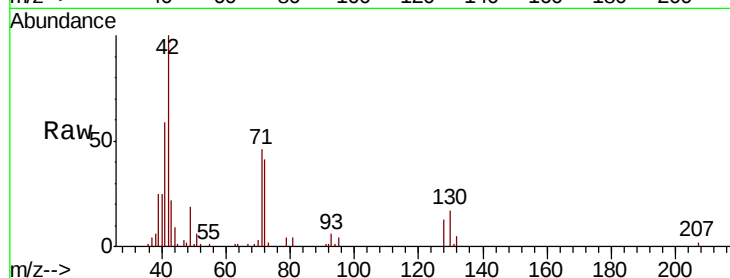
Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

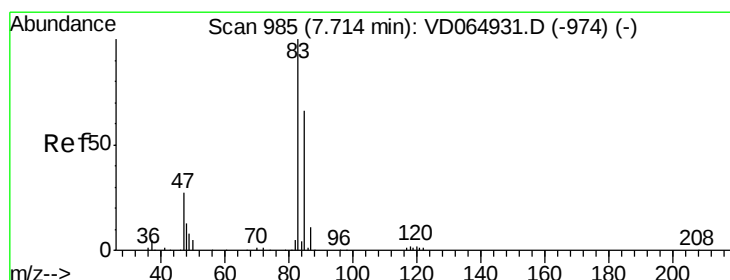
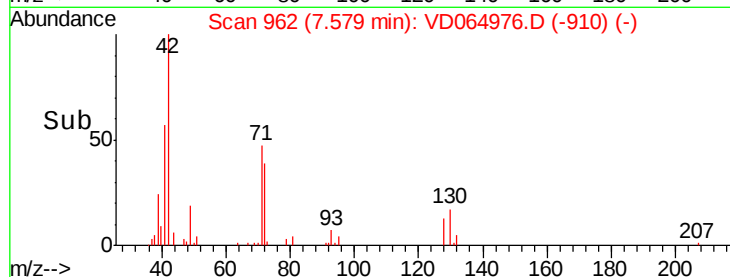
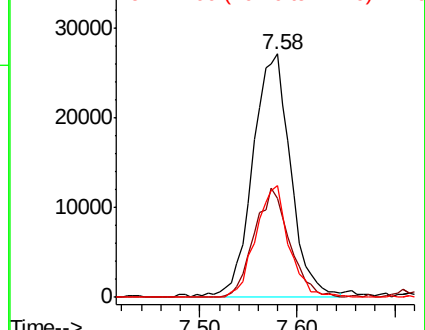
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 73617

Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	40.2	31.5	47.3



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: 21.772 ug/l

RT: 7.71 min Scan# 985

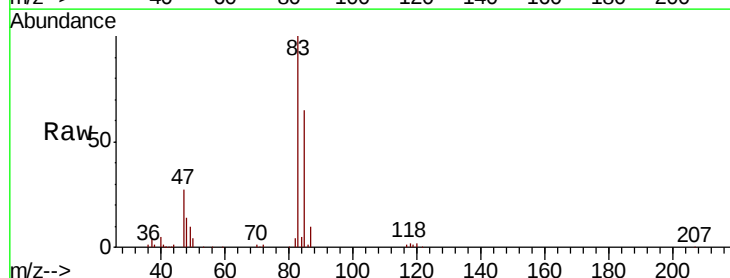
Delta R.T. -0.00 min

Lab File: VD064976.D

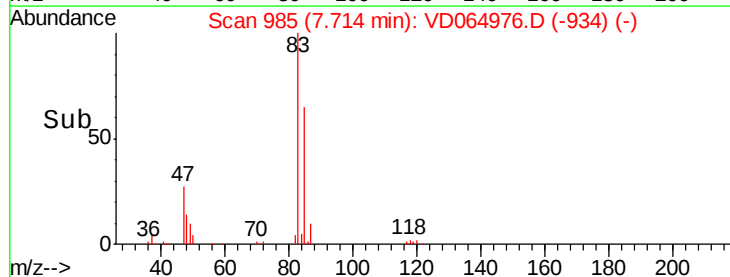
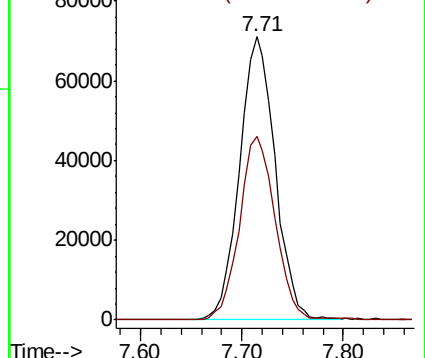
Acq: 28 Jan 2020 13:56

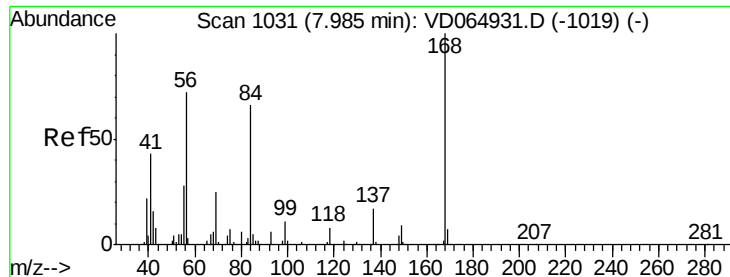
Tgt Ion: 83 Resp: 172557

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6



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

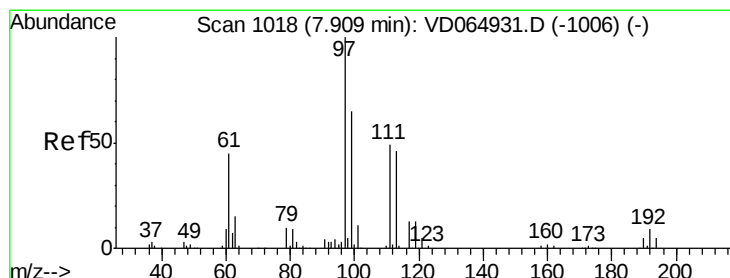
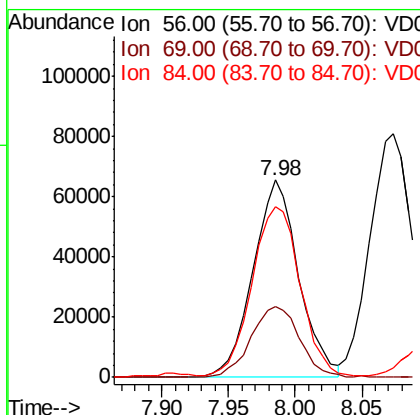
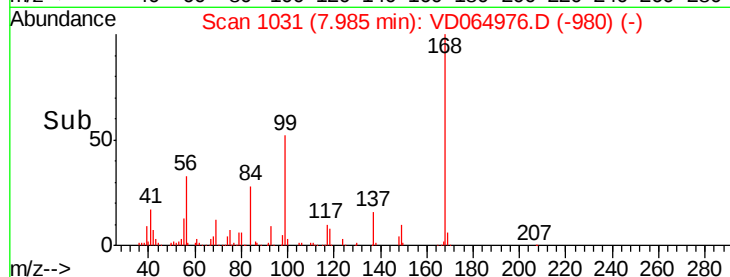
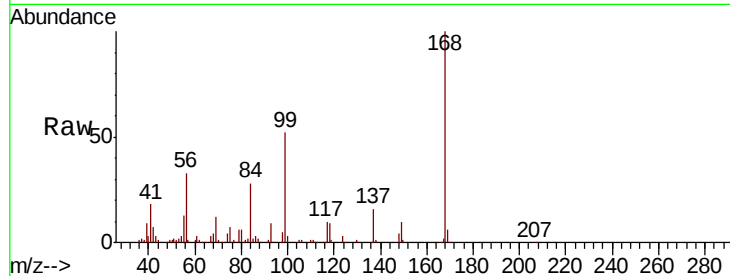




#31
Cyclohexane
Concen: 20.625 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

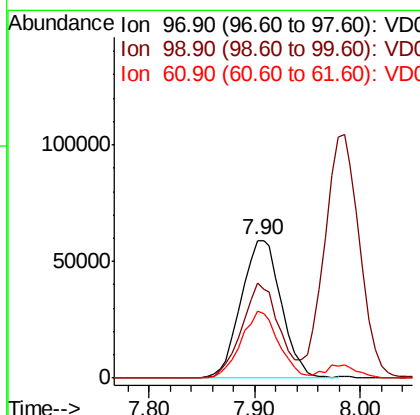
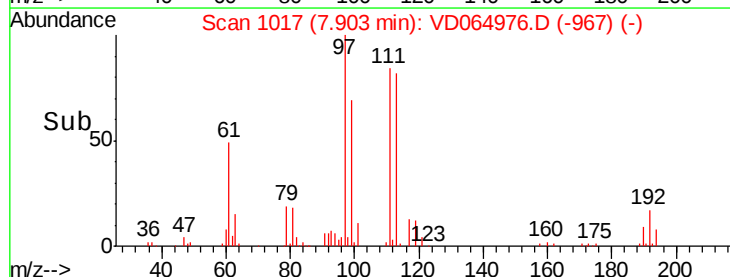
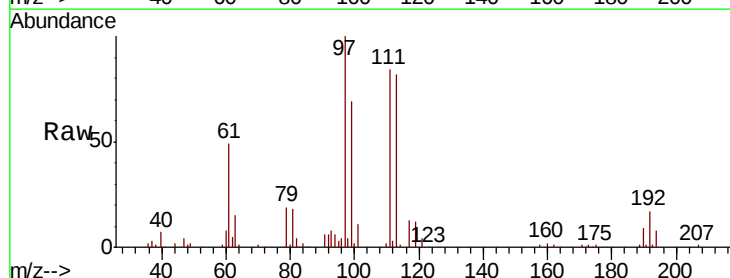
Instrument :
MSVOA_D
ClientSampled :

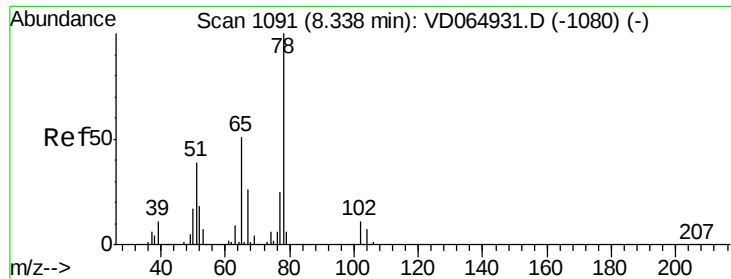
Tot Ion: 56 Resp: 155560
Ion Ratio Lower Upper
56 100
69 35.7 27.9 41.9
84 85.1 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 21.183 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 97 Resp: 156184
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

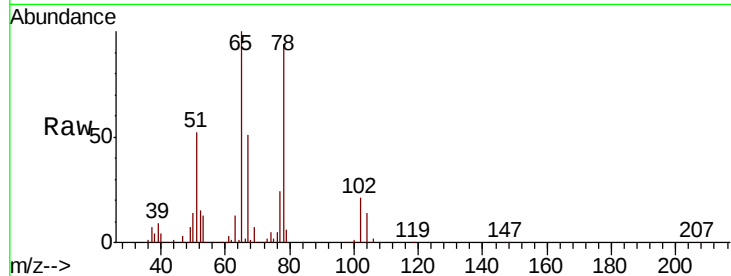
ClientSampled :

Tot Ion: 65 Resp: 223380

Ion Ratio Lower Upper

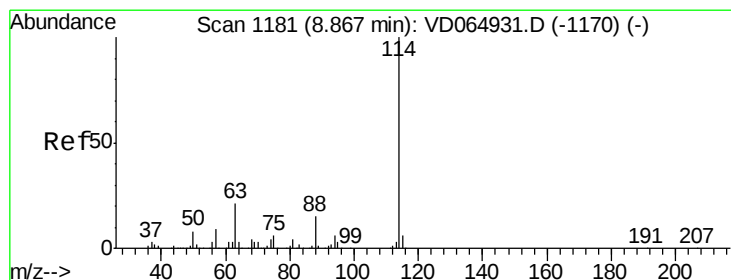
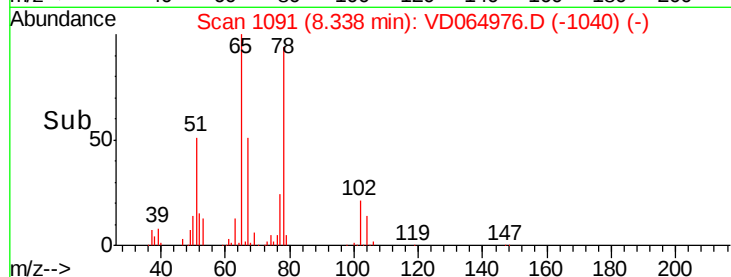
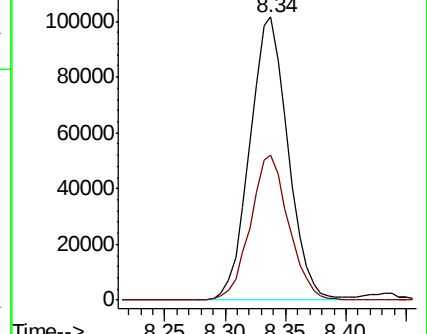
65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

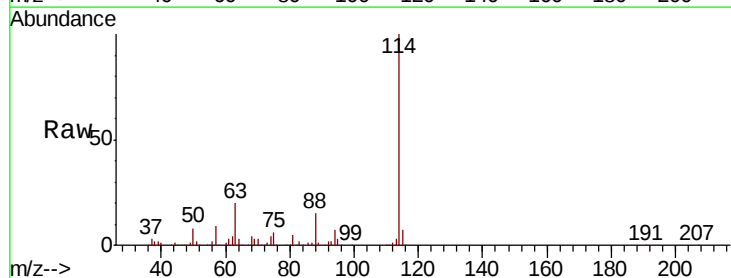
Tgt Ion: 114 Resp: 659083

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.0

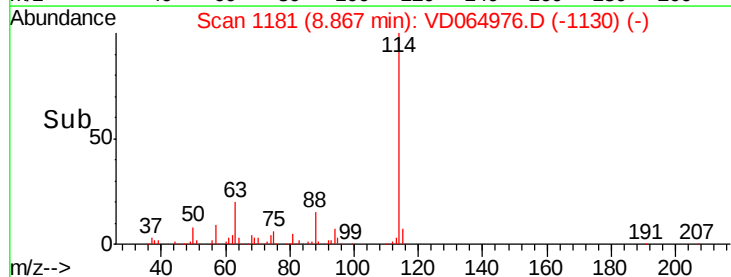
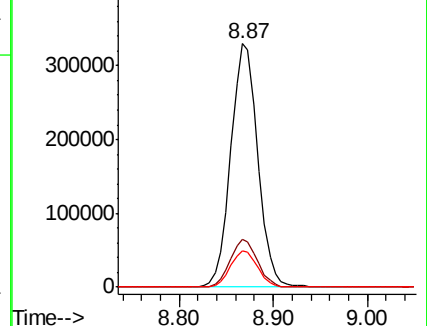
88 15.1 0.0 29.4

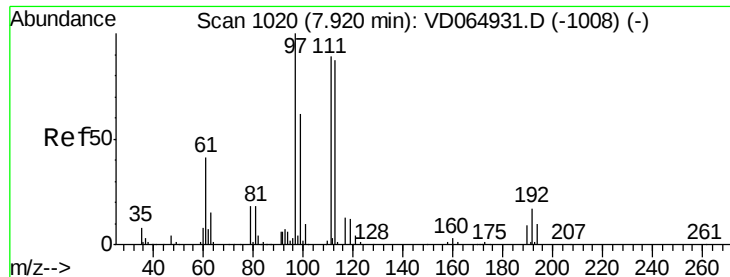


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

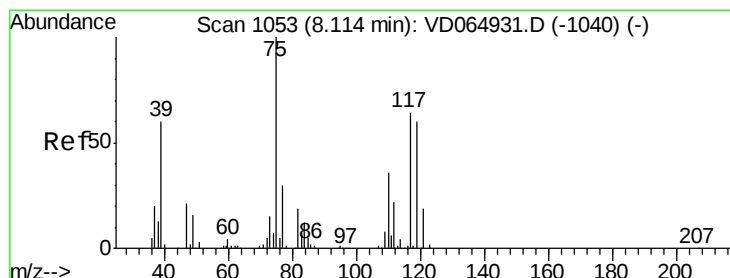
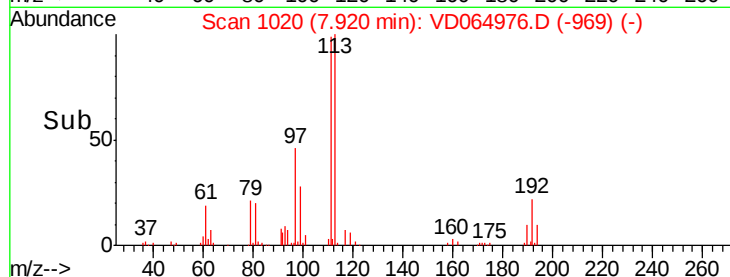
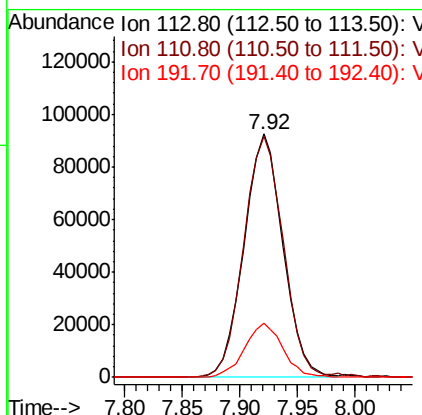
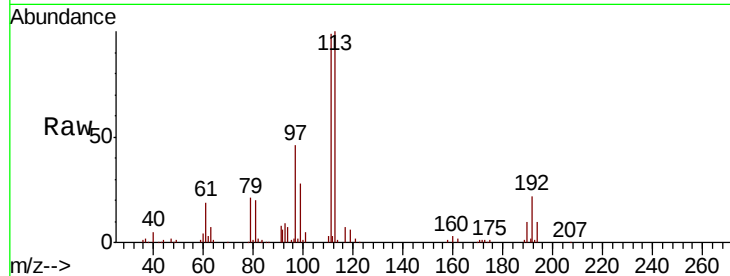




#35
 Dibromofluoromethane
 Concen: 52.552 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

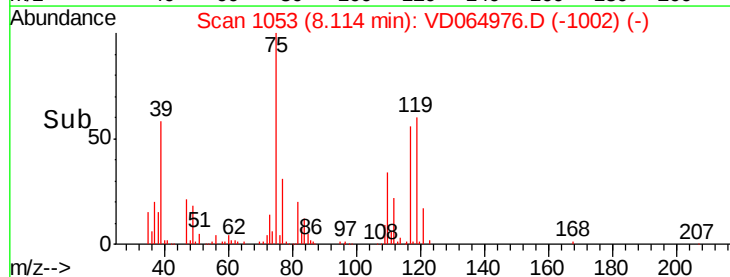
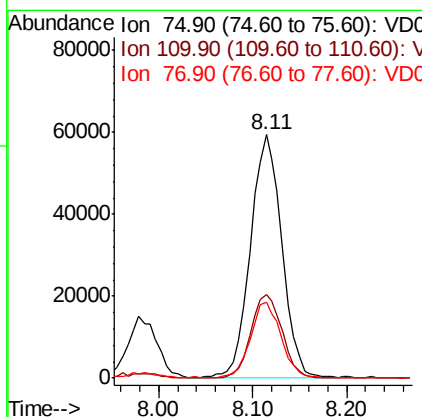
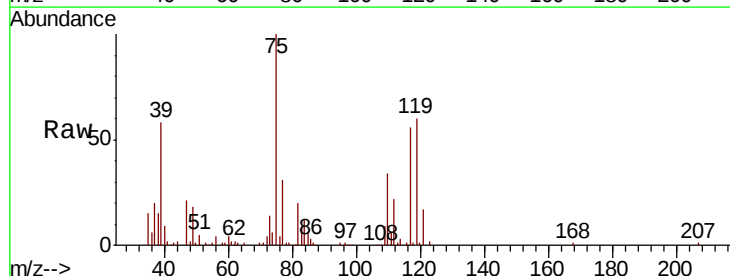
Instrument :
 MSVOA_D
 ClientSampleId :

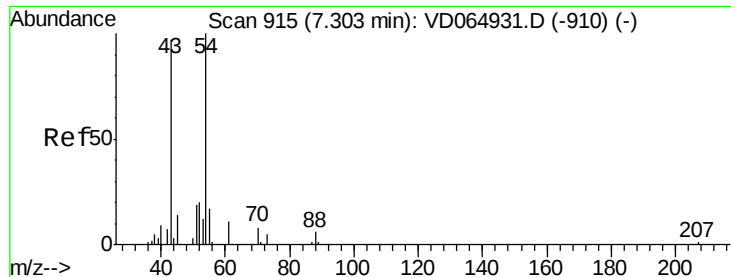
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	21.7	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 21.655 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.3	52.0
77	30.5	24.7	37.1

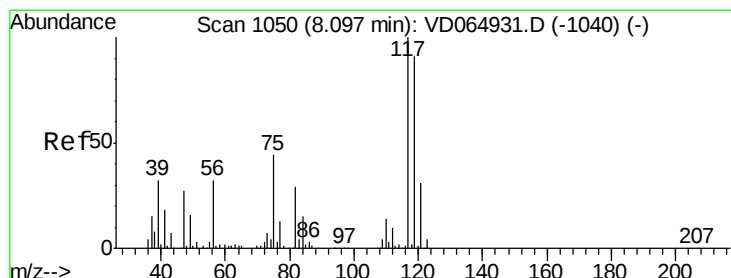
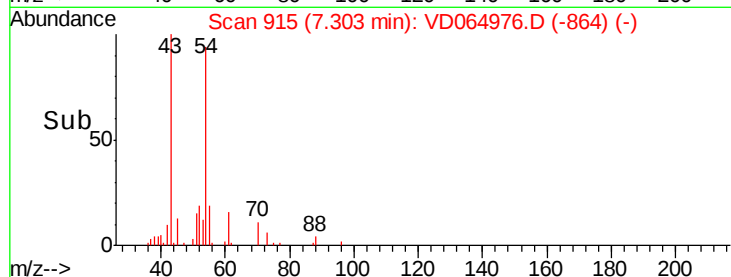
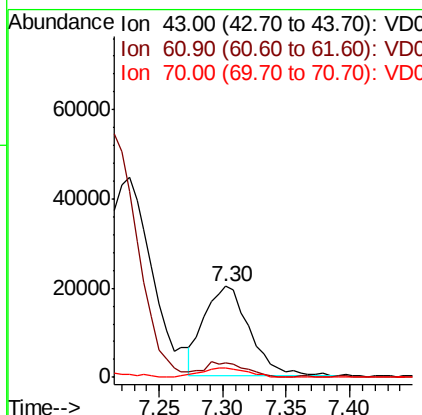
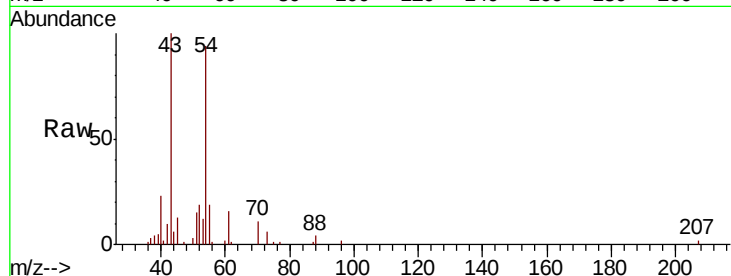




#37
Ethyl Acetate
Concen: 19.001 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

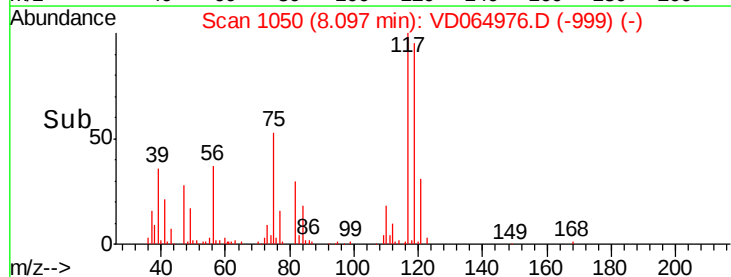
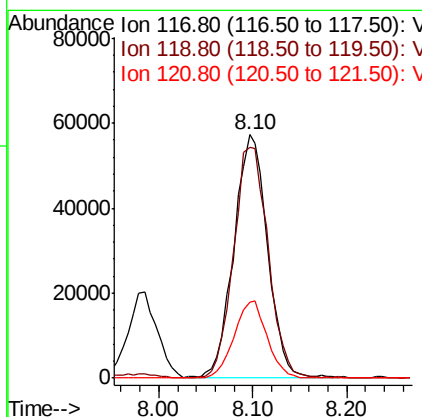
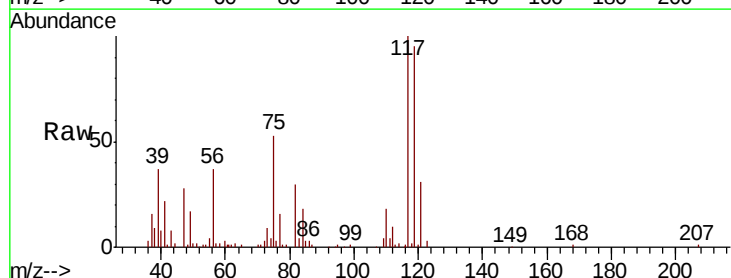
Instrument :
MSVOA_D
ClientSampleId :

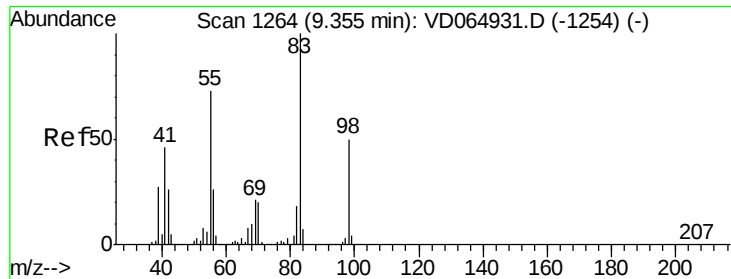
Tot Ion: 43 Resp: 49881
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 11.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.258 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 117 Resp: 142796
Ion Ratio Lower Upper
117 100
119 94.9 73.2 109.8
121 31.0 24.4 36.6

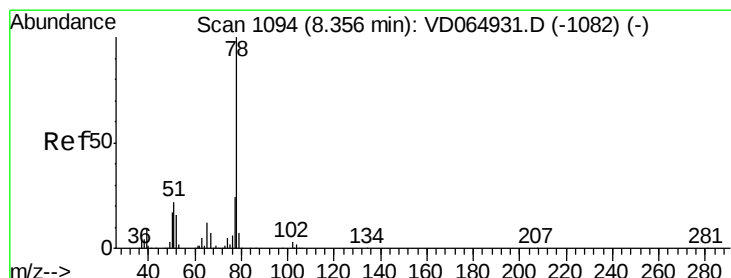
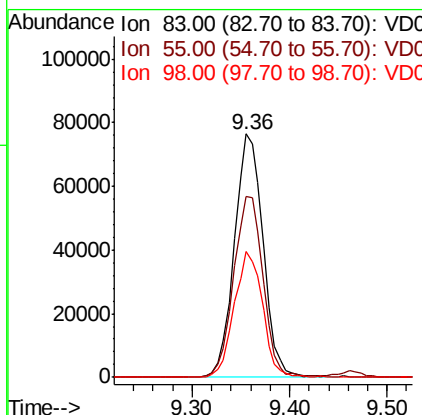
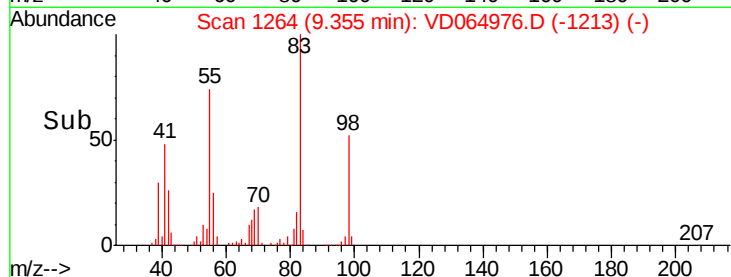
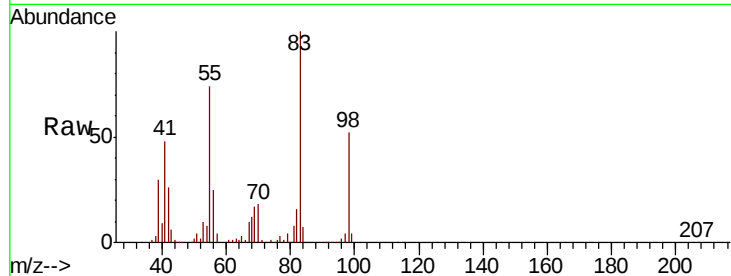




#39
Methvlcvclohexane
Concen: 21.064 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

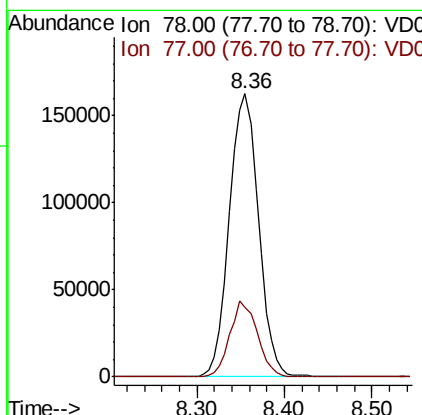
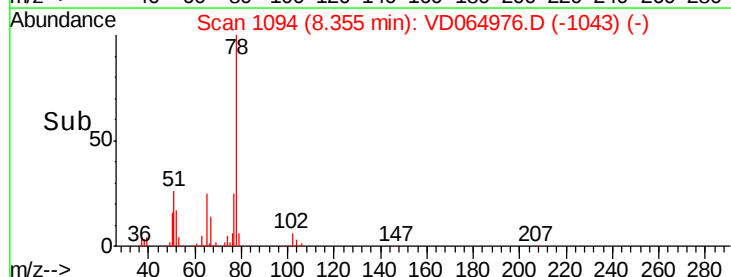
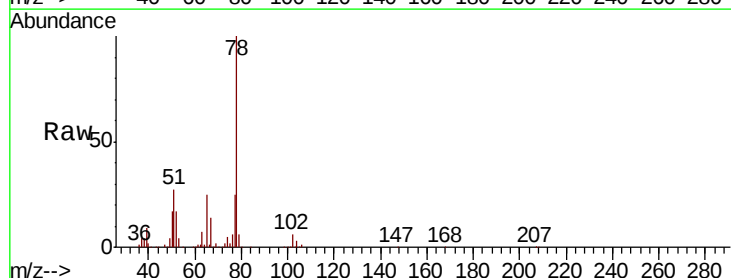
Instrument :
MSVOA_D
ClientSampled :

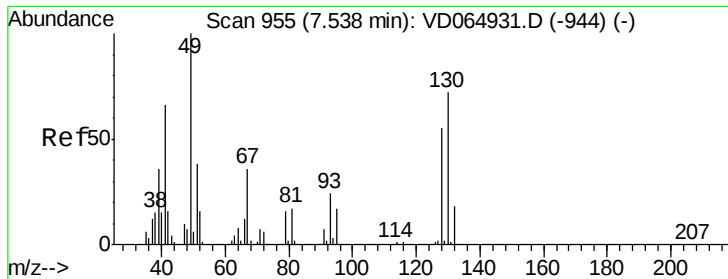
Tot Ion: 83 Resp: 156514
Ion Ratio Lower Upper
83 100
55 74.1 58.7 88.1
98 51.5 40.2 60.2



#40
Benzene
Concen: 21.045 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 78 Resp: 368371
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8





#41

Methacrylonitrile

Concen: 17.733 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 25078

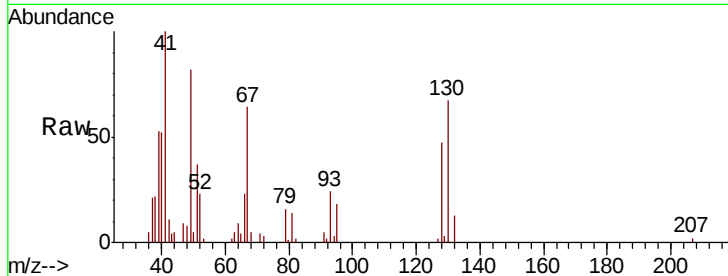
Ion Ratio Lower Upper

41 100

39 62.9 49.3 73.9

67 84.1 51.0 76.6#

52 37.1 22.3 33.5#

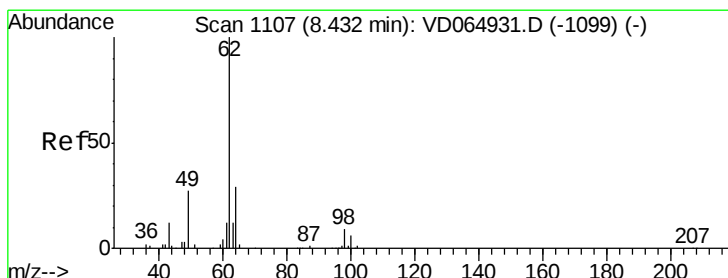
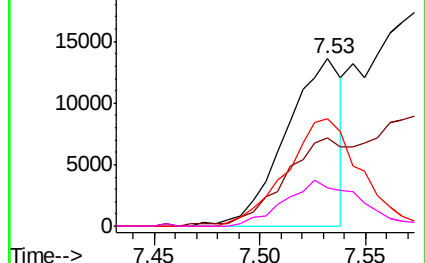
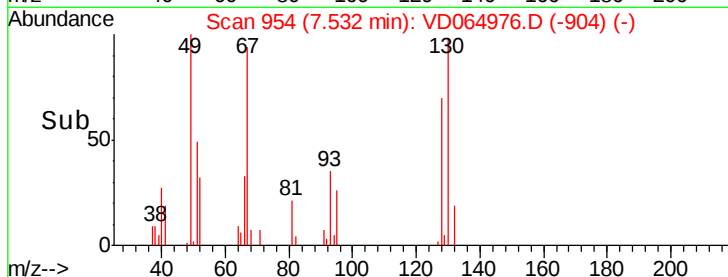


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.303 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD064976.D

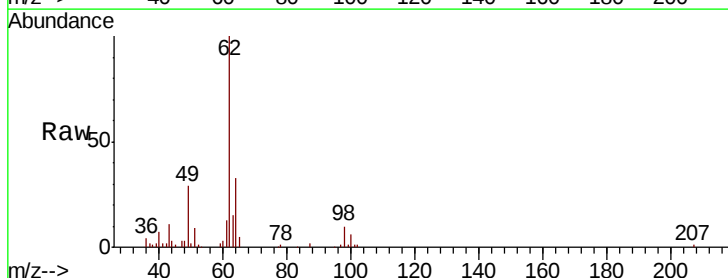
Acq: 28 Jan 2020 13:56

Tgt Ion: 62 Resp: 111074

Ion Ratio Lower Upper

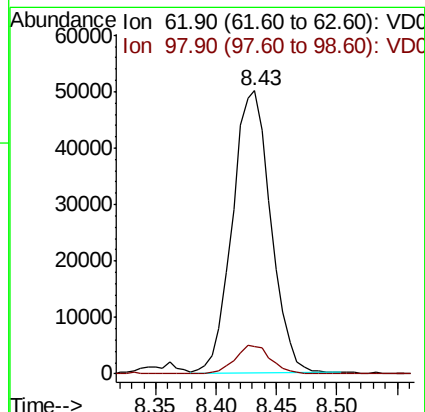
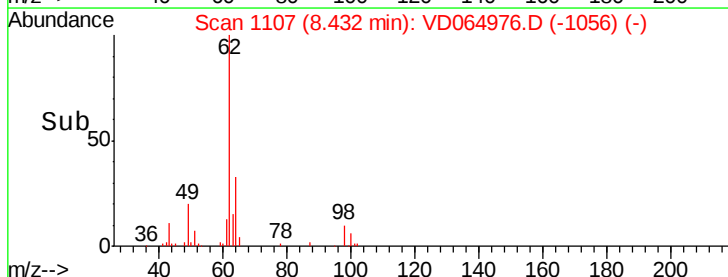
62 100

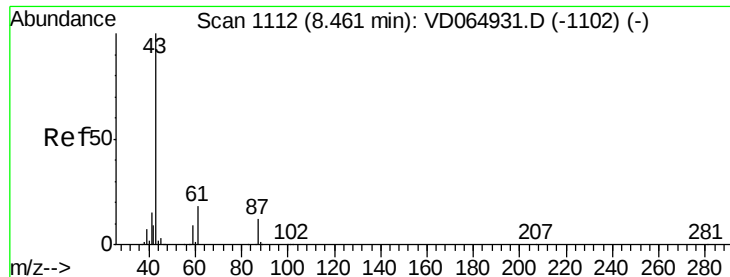
98 9.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.538 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

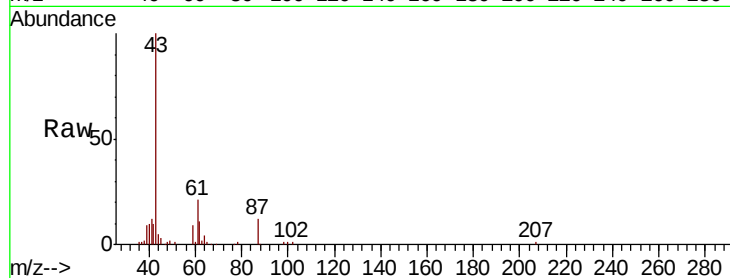
Tot Ion: 43 Resp: 102412

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.6

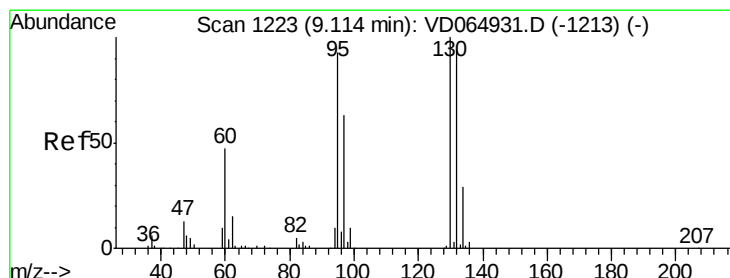
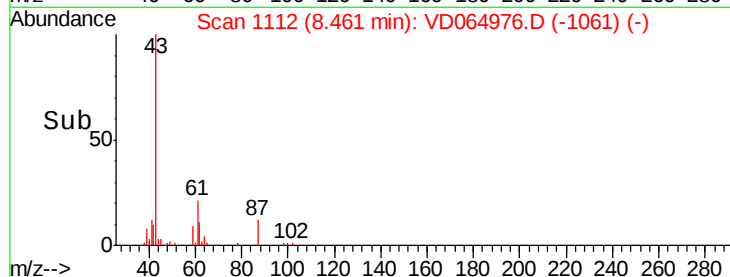
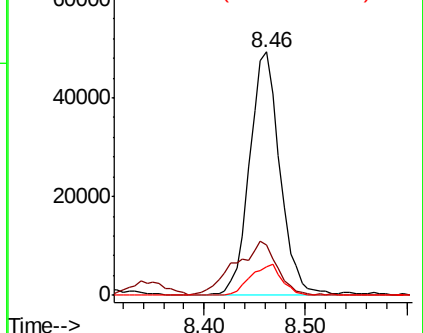
87 13.2 10.3 15.5



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: 21.654 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD064976.D

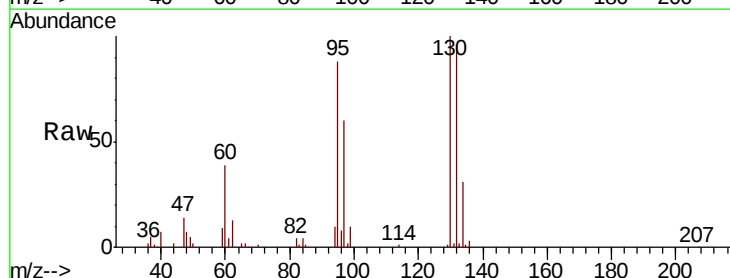
Acq: 28 Jan 2020 13:56

Tgt Ion:130 Resp: 106079

Ion Ratio Lower Upper

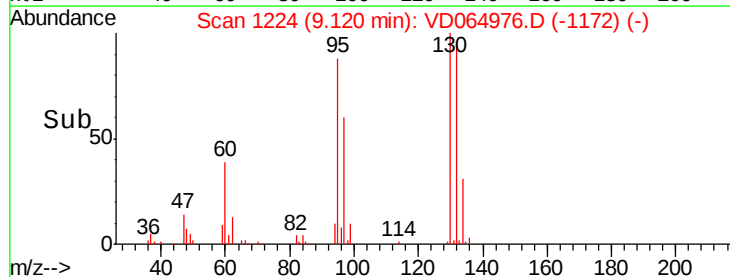
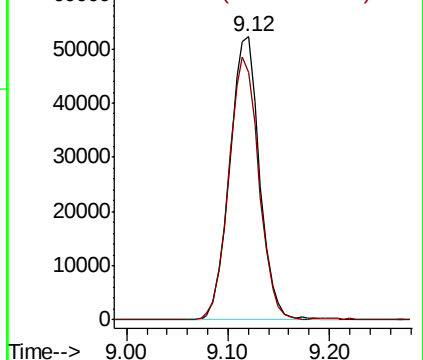
130 100

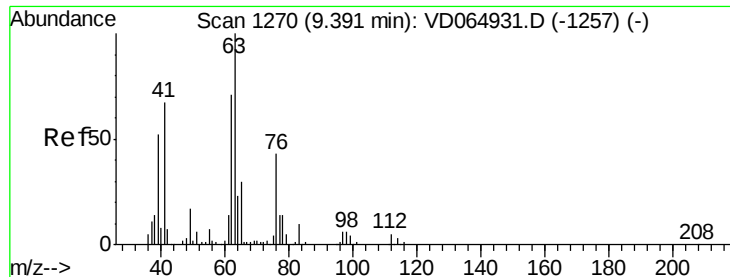
95 87.5 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.131 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

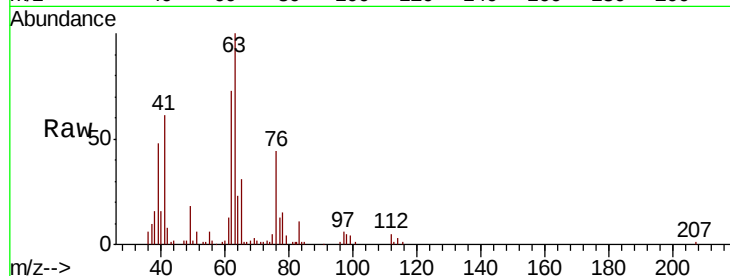
ClientSampled :

Tot Ion: 63 Resp: 89667

Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

50000

40000

30000

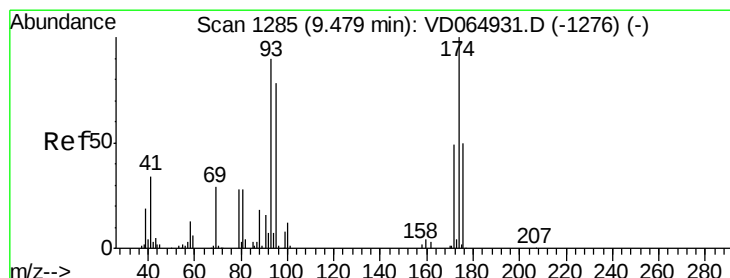
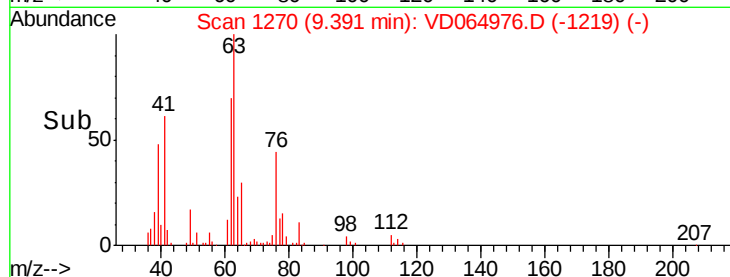
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.007 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

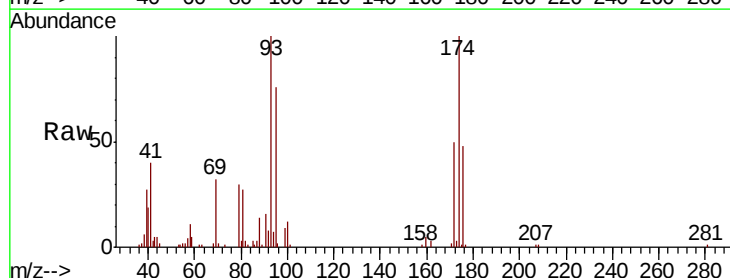
Tgt Ion: 93 Resp: 48665

Ion Ratio Lower Upper

93 100

95 84.7 67.5 101.3

174 110.2 88.4 132.6



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.48

30000

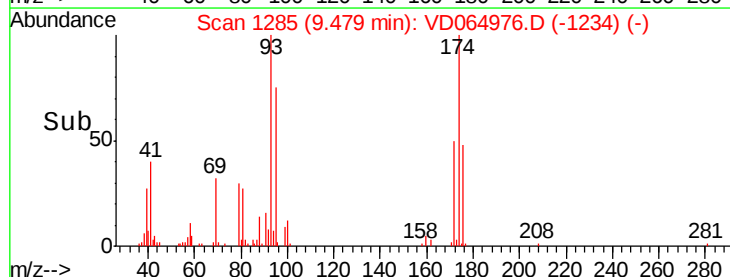
20000

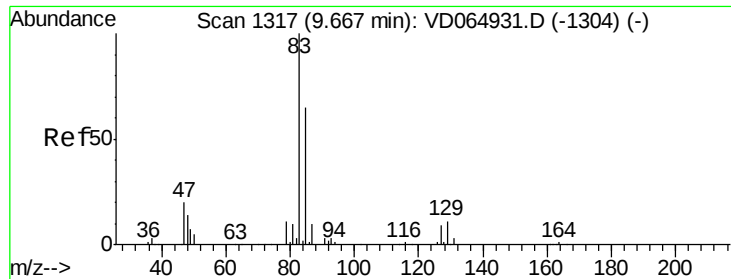
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 21.309 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

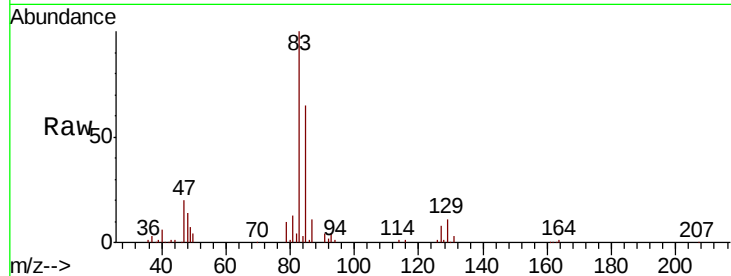
Tot Ion: 83 Resp: 128456

Ion Ratio Lower Upper

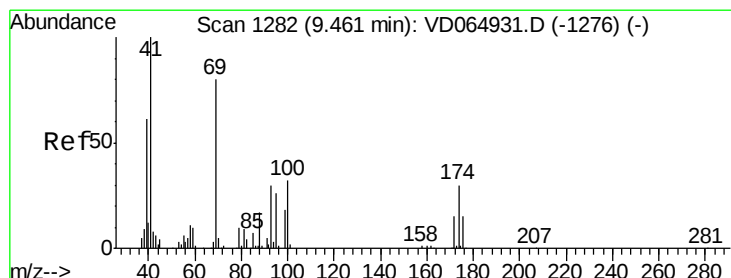
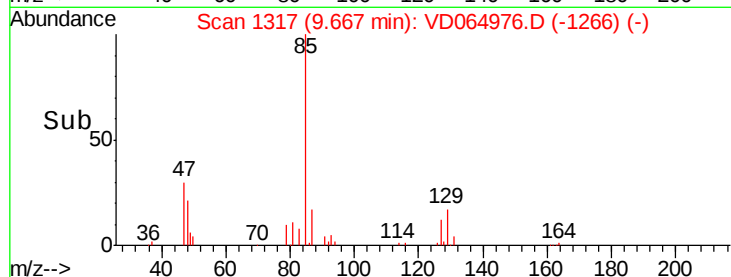
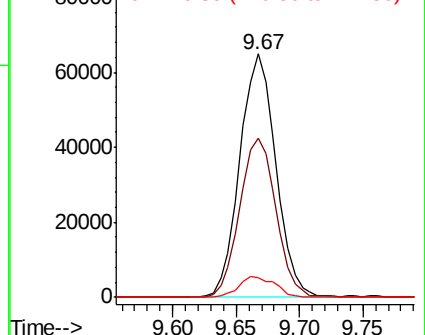
83 100

85 65.2 52.0 78.0

127 7.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 20.527 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

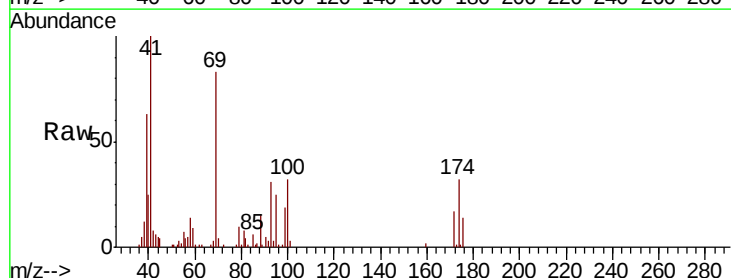
Tgt Ion: 41 Resp: 47104

Ion Ratio Lower Upper

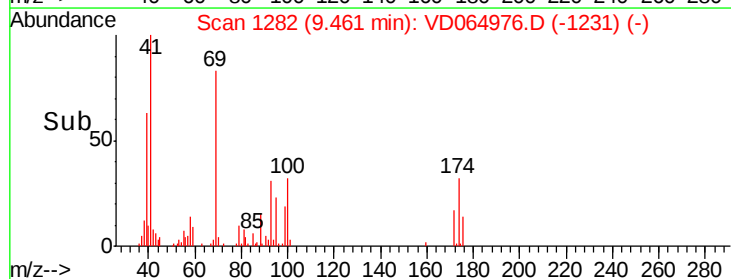
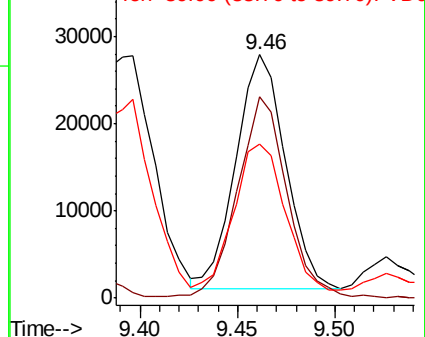
41 100

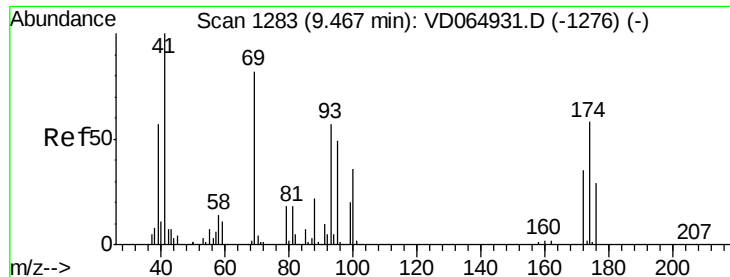
69 86.7 65.8 98.8

39 64.7 49.4 74.0



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: 410.335 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_D
ClientSampled :

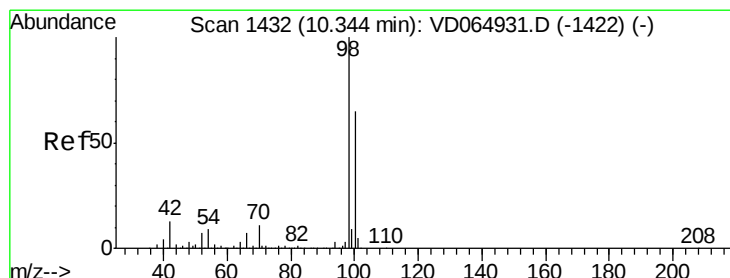
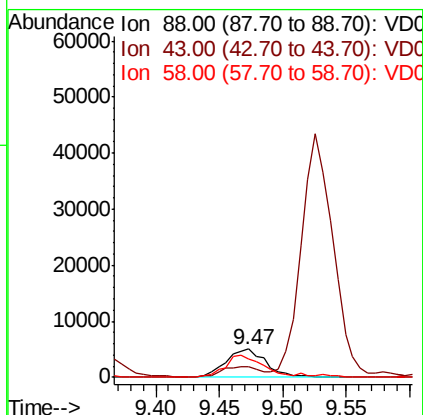
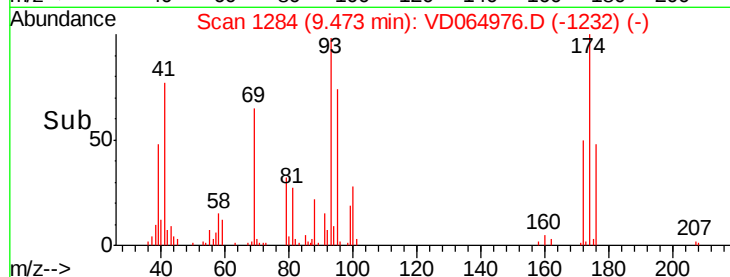
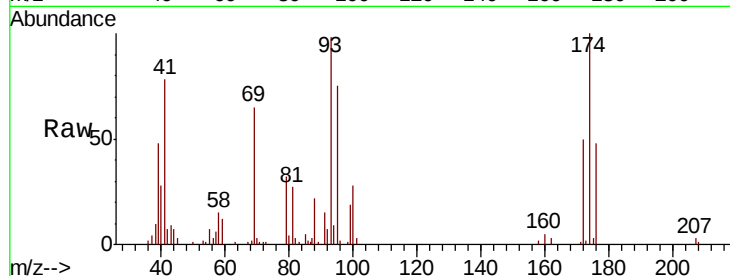
Tot Ion: 88 Resp: 11025

Ion Ratio Lower Upper

88 100

43 34.9 26.2 39.4

58 72.8 50.3 75.5



#50

Toluene-d8

Concen: 52.617 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064976.D

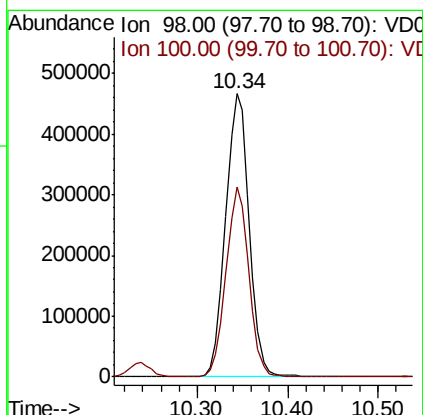
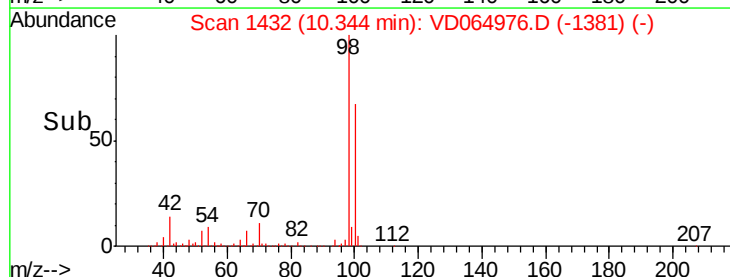
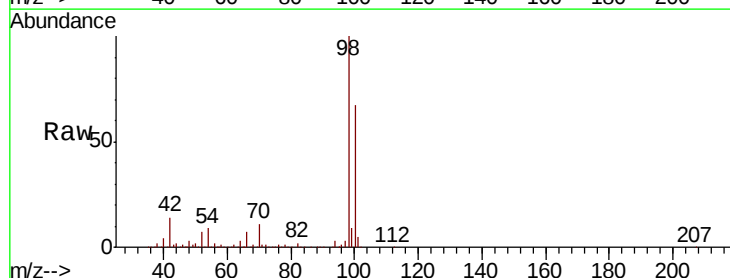
Acq: 28 Jan 2020 13:56

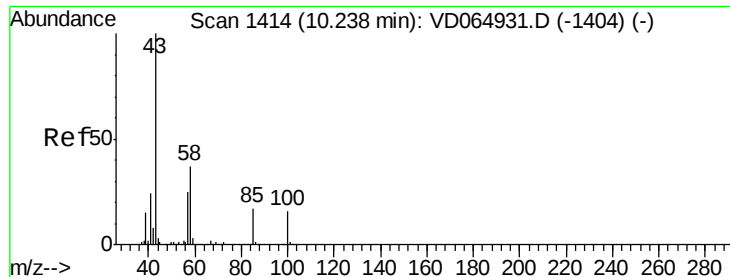
Tgt Ion: 98 Resp: 841115

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

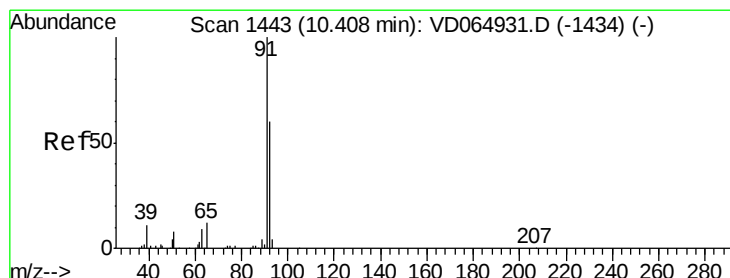
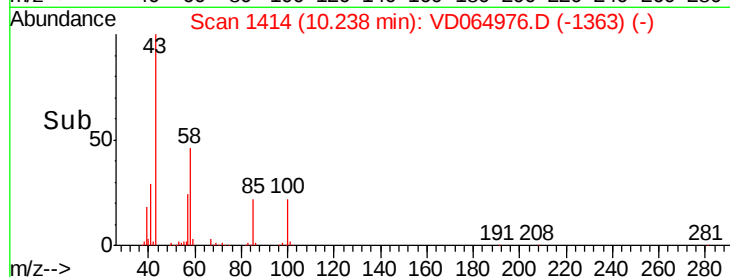
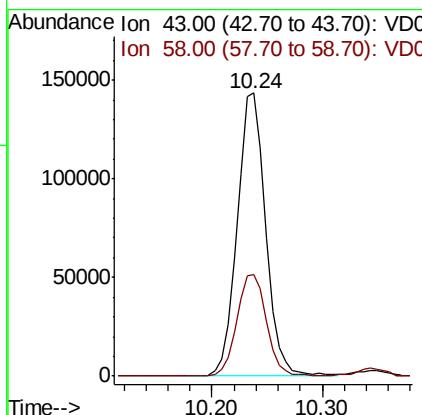
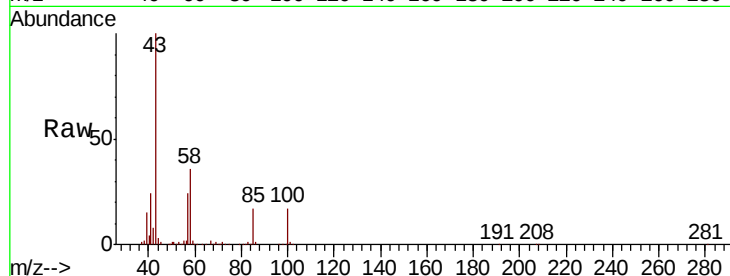




#51
4-Methyl-2-Pentanone
Concen: 104.081 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

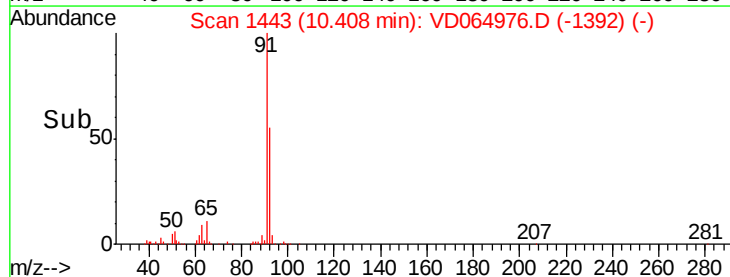
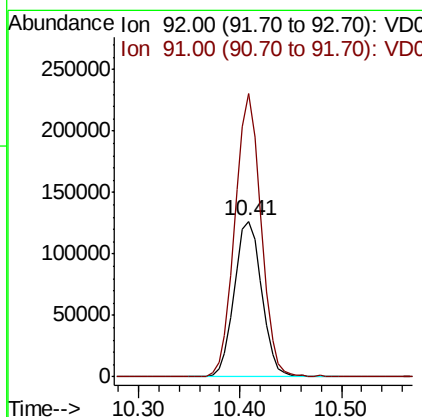
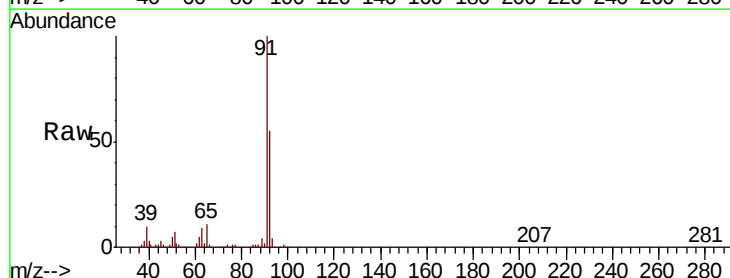
Instrument :
MSVOA_D
ClientSampleId :

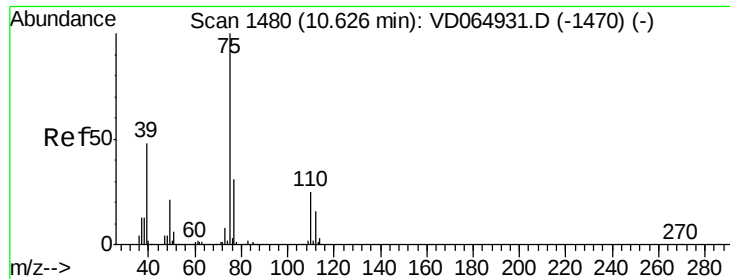
Tot Ion: 43 Resp: 259692
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6



#52
Toluene
Concen: 21.220 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 92 Resp: 239465
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 21.200 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

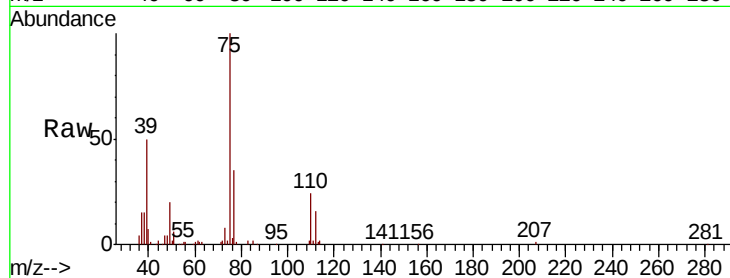
ClientSampleId :

Tot Ion: 75 Resp: 121735

Ion Ratio Lower Upper

75 100

77 34.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

60000

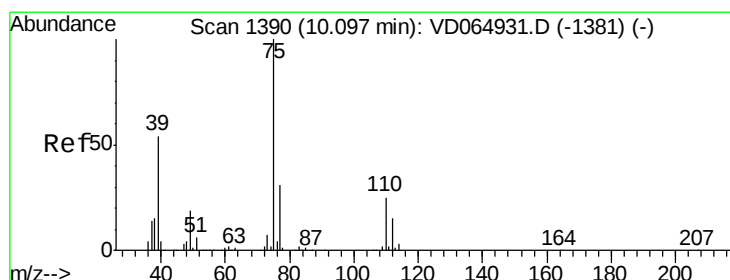
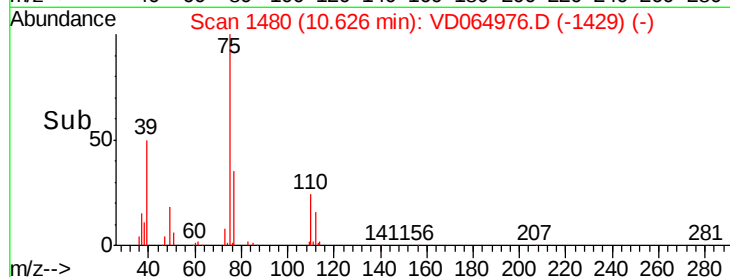
40000

20000

0

Time-->

10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 21.295 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

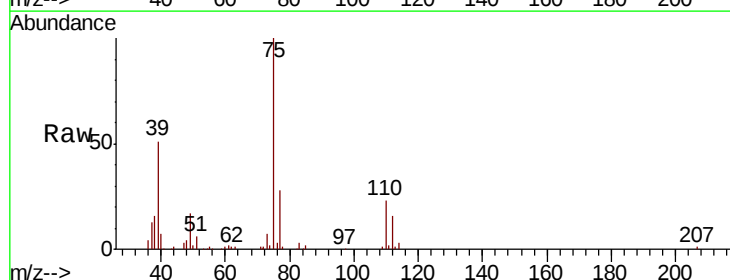
Tgt Ion: 75 Resp: 143167

Ion Ratio Lower Upper

75 100

77 28.2 25.1 37.7

39 50.9 43.0 64.6



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

10.10

100000

80000

60000

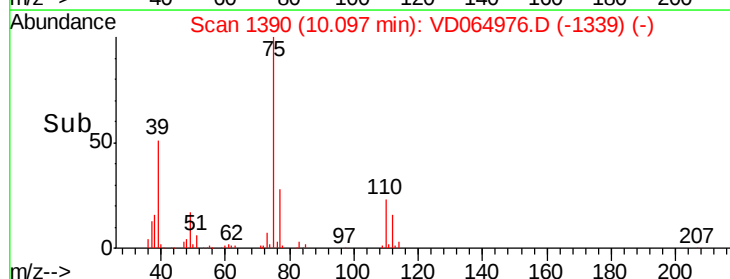
40000

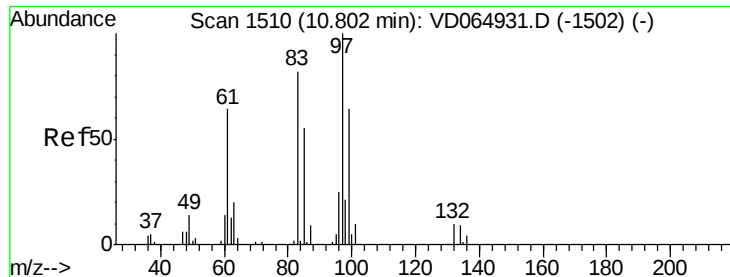
20000

0

Time-->

10.00 10.05 10.10 10.15

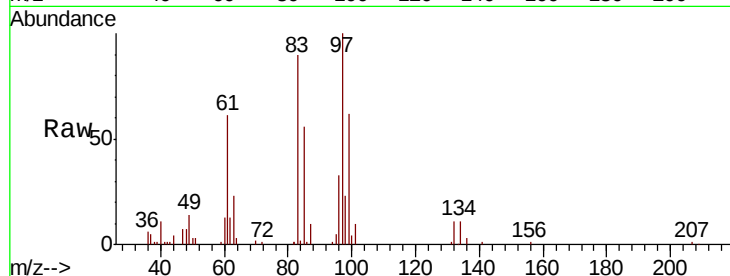




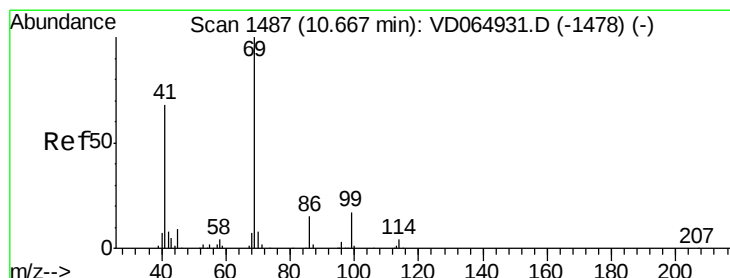
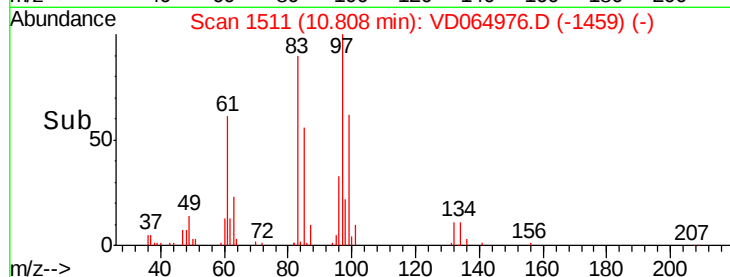
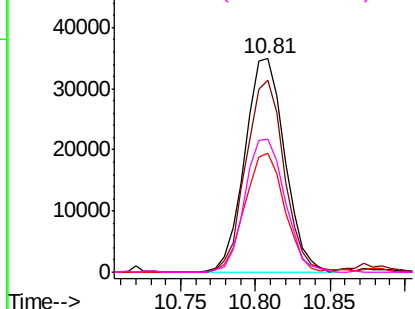
#55
 1,1,2-Trichloroethane
 Concen: 20.812 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	64946
Ion	Ratio	Lower	Upper
97	100		
83	90.0	66.0	99.0
85	55.8	44.4	66.6
99	62.3	51.4	77.0

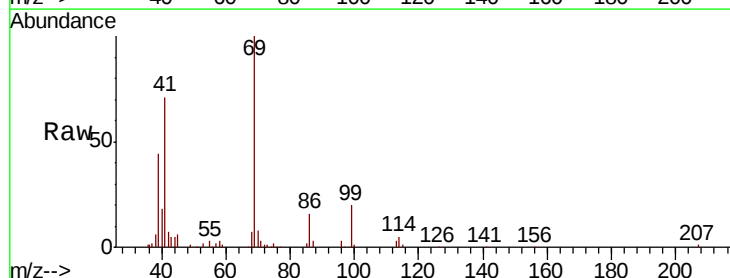


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

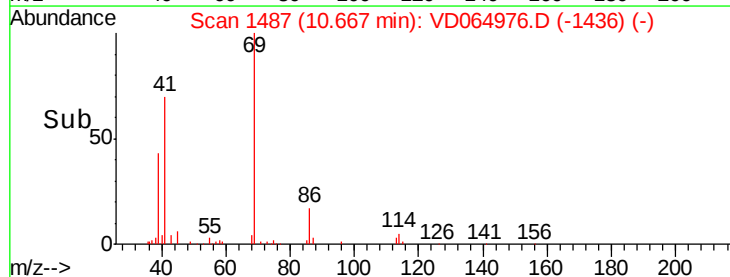
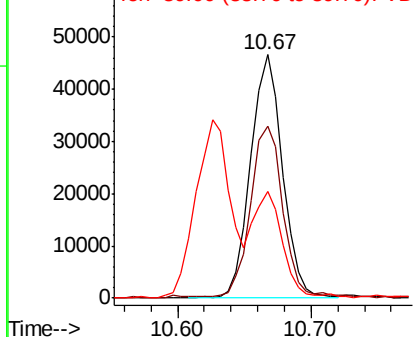


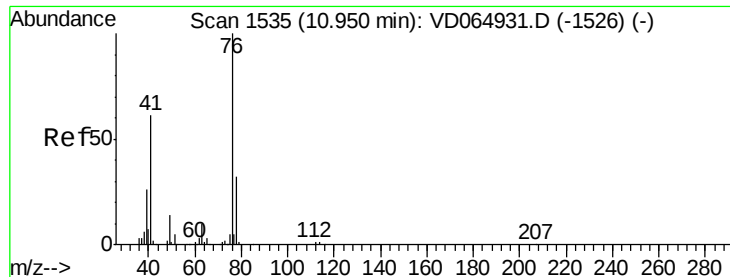
#56
 Ethyl methacrylate
 Concen: 20.550 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion:	69	Resp:	76684
Ion	Ratio	Lower	Upper
69	100		
41	73.2	56.4	84.6
39	41.2	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 21.324 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

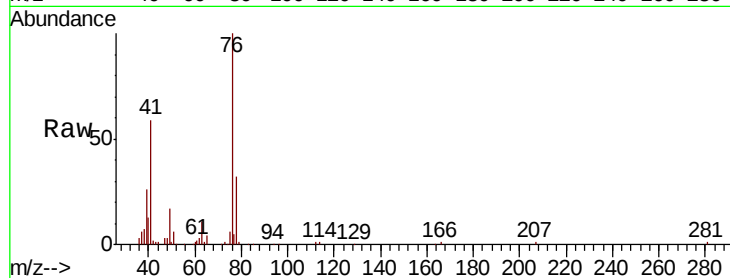
ClientSampleId :

Tot Ion: 76 Resp: 114132

Ion Ratio Lower Upper

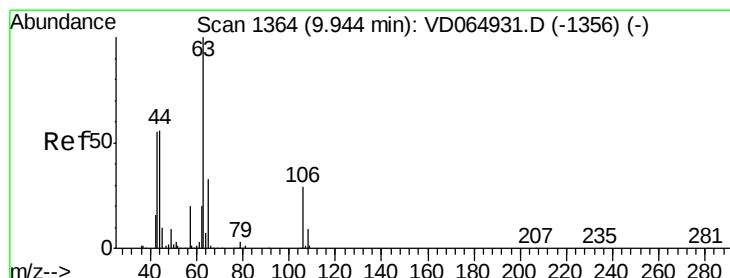
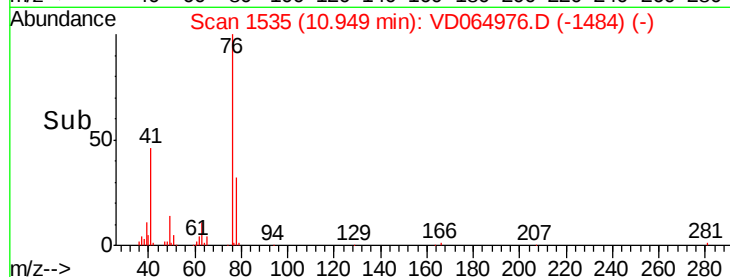
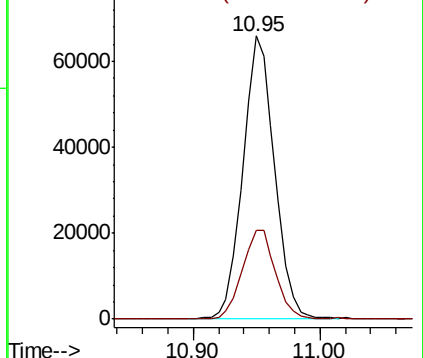
76 100

78 33.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 101.178 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD064976.D

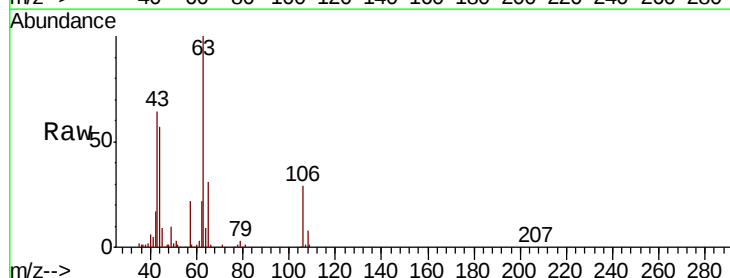
Acq: 28 Jan 2020 13:56

Tgt Ion: 63 Resp: 125434

Ion Ratio Lower Upper

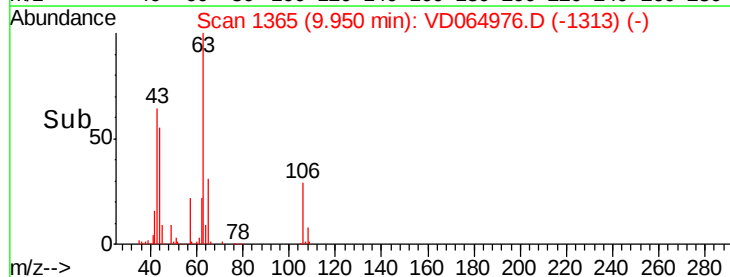
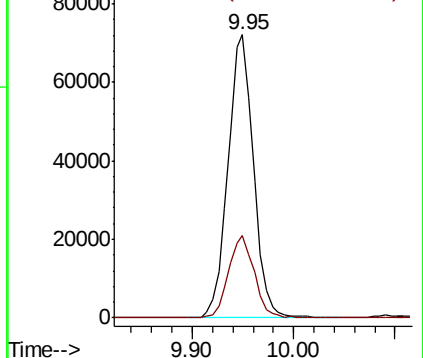
63 100

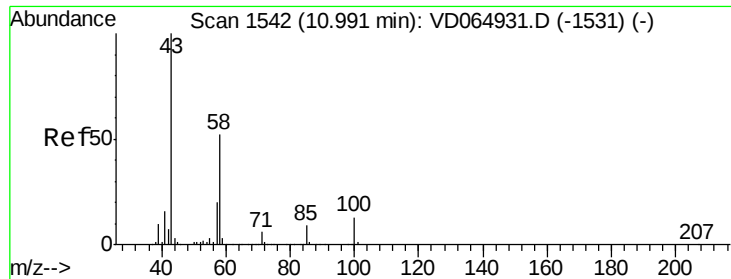
106 29.0 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

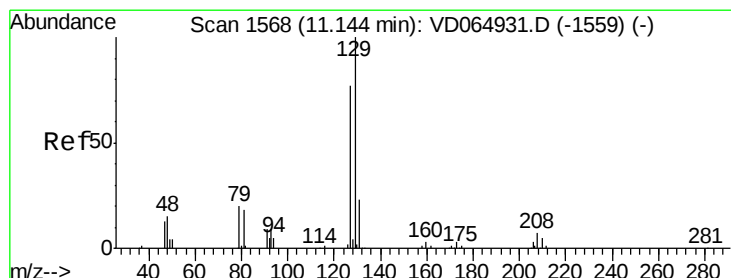
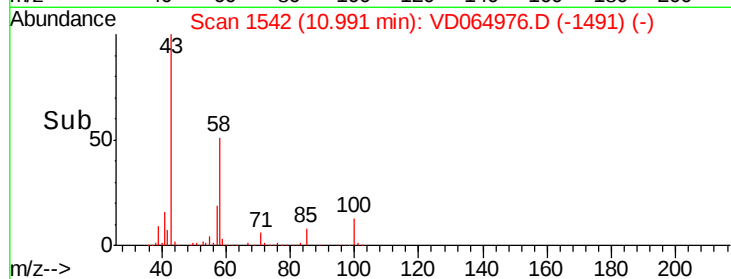
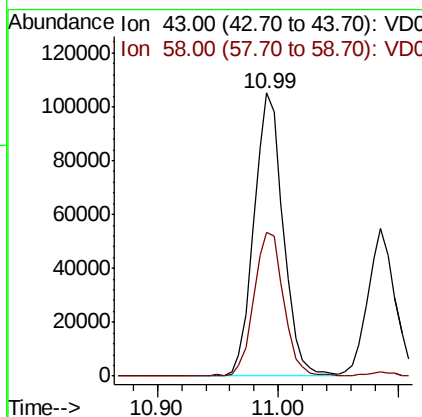
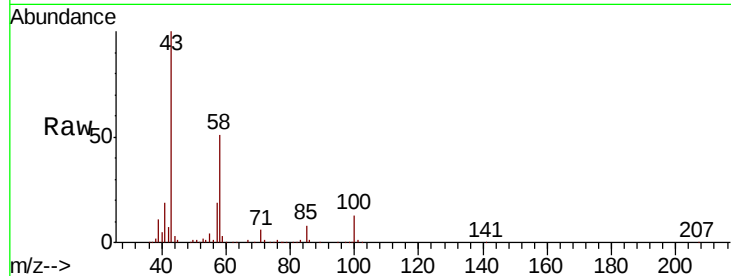




#59
2-Hexanone
Concen: 103.017 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

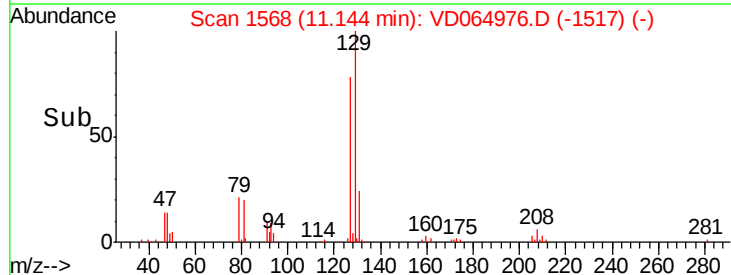
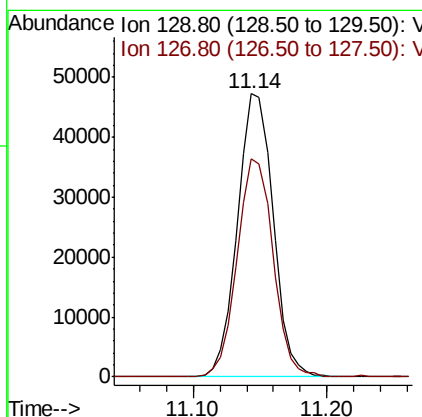
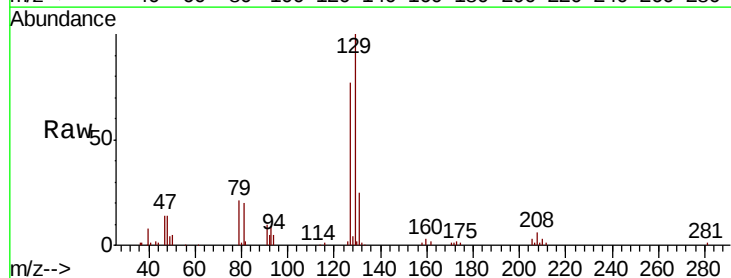
Instrument :
MSVOA_D
ClientSampled :

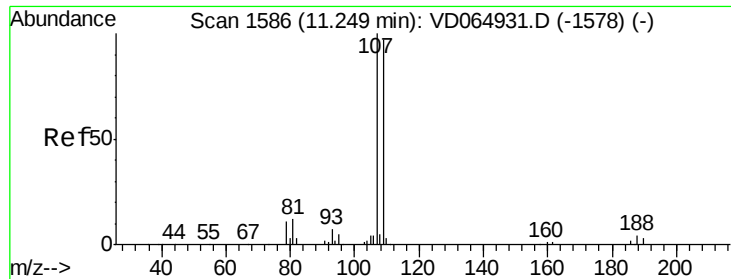
Tot Ion: 43 Resp: 177298
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.4



#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 129 Resp: 87689
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.732 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

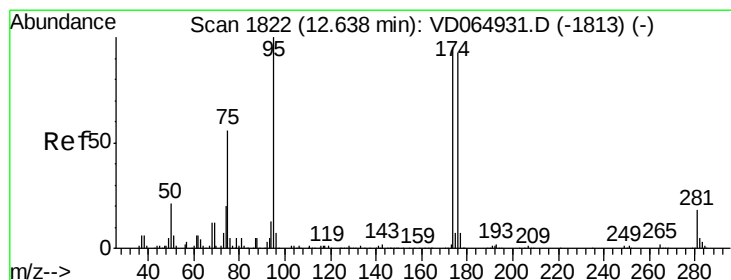
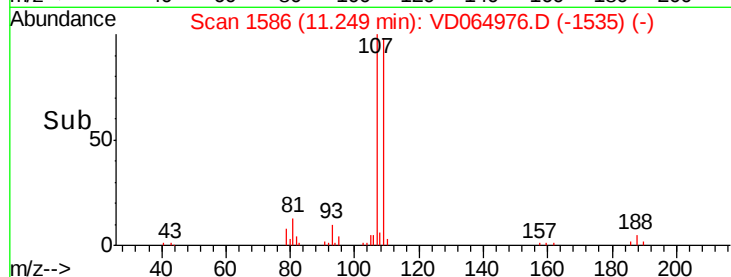
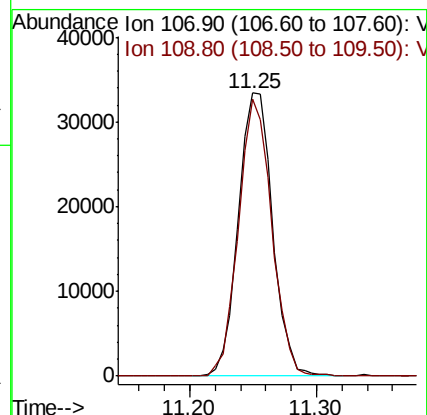
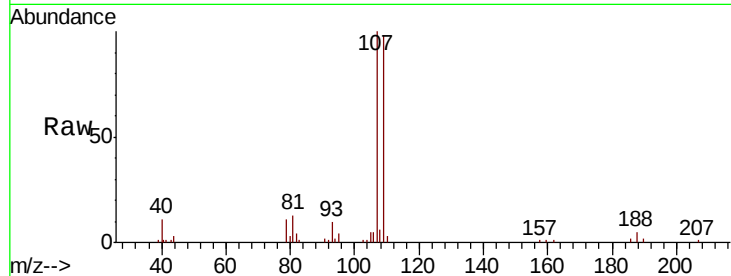
ClientSampleId :

Tot Ion:107 Resp: 62294

Ion Ratio Lower Upper

107 100

109 95.1 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 53.228 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

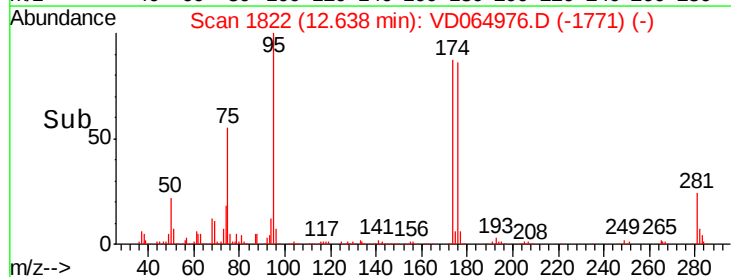
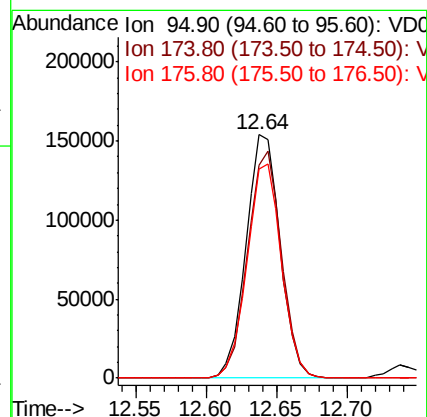
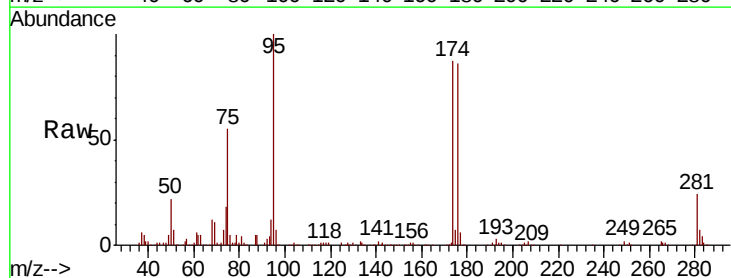
Tgt Ion: 95 Resp: 260386

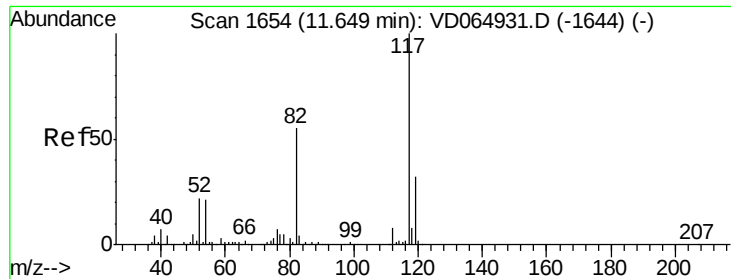
Ion Ratio Lower Upper

95 100

174 92.6 0.0 186.8

176 88.5 0.0 183.4

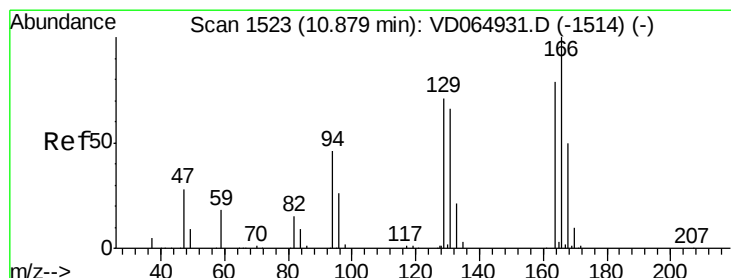
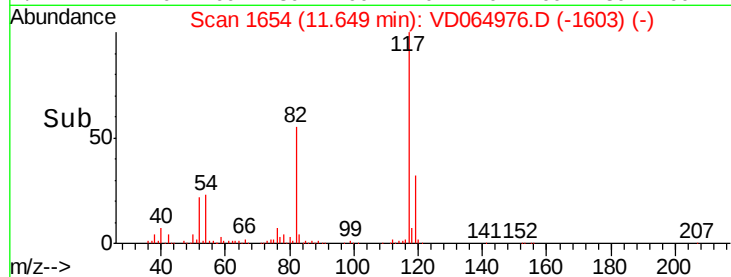
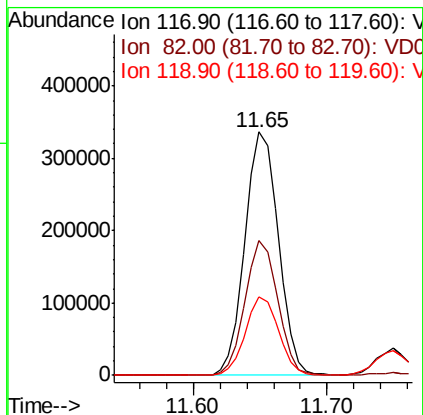
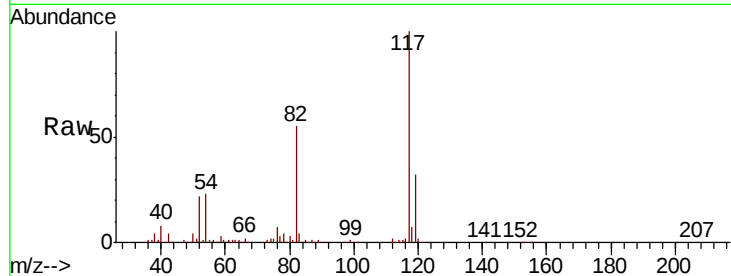




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

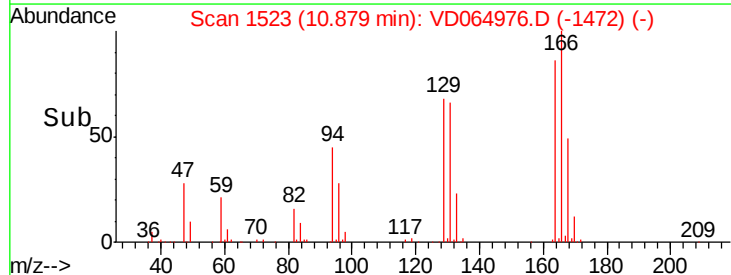
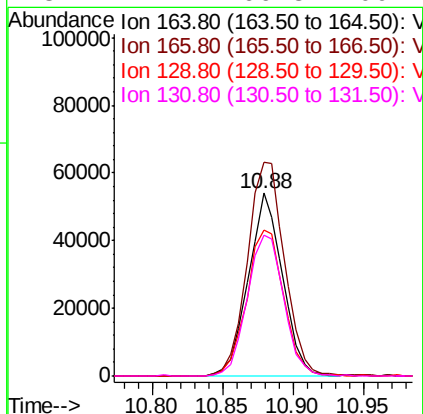
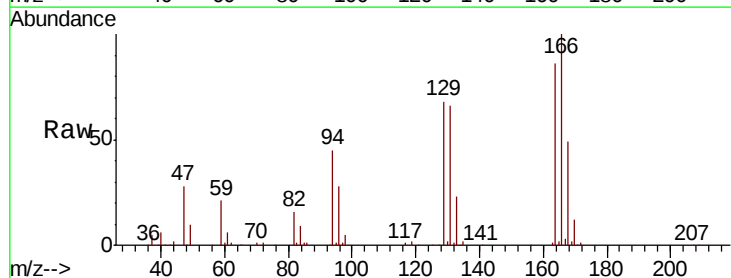
Instrument :
MSVOA_D
ClientSampled :

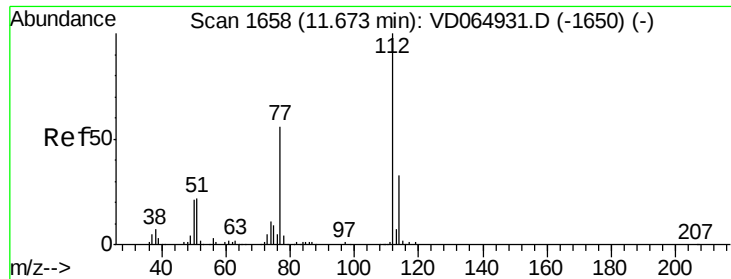
Tot Ion:117 Resp: 583950
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 21.711 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion:164 Resp: 91614
Ion Ratio Lower Upper
164 100
166 116.9 101.4 152.2
129 79.8 71.8 107.8
131 77.1 66.8 100.2

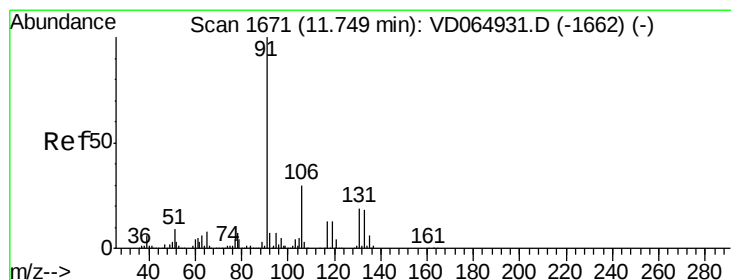
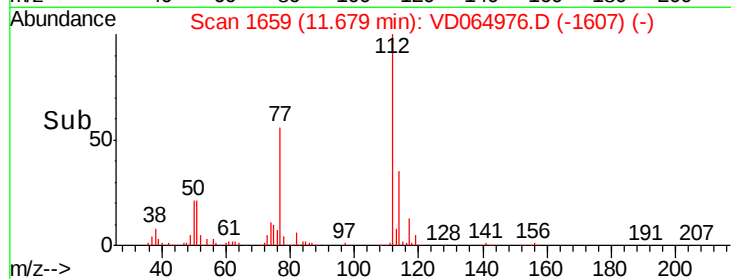
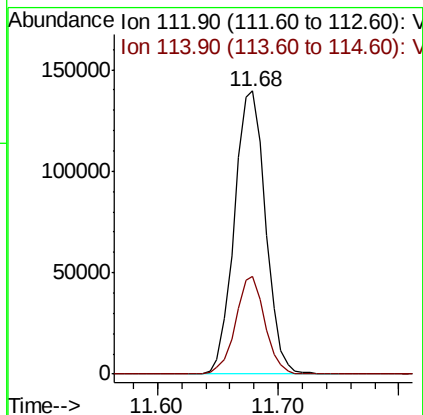
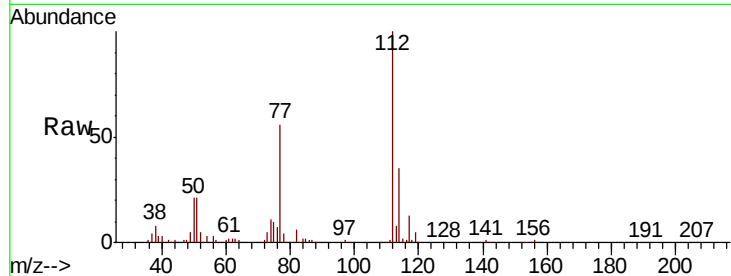




#65
Chlorobenzene
Concen: 21.222 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

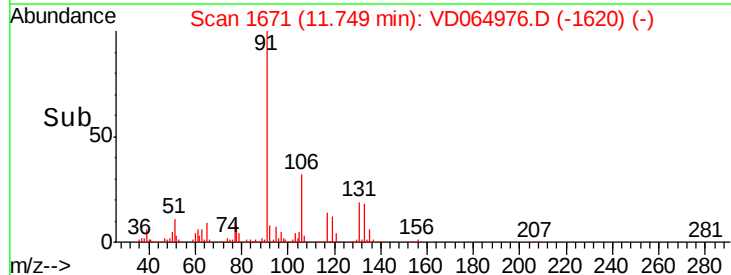
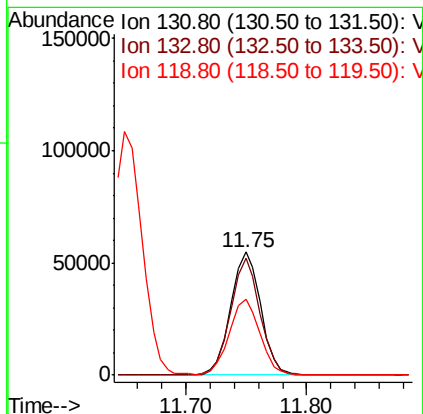
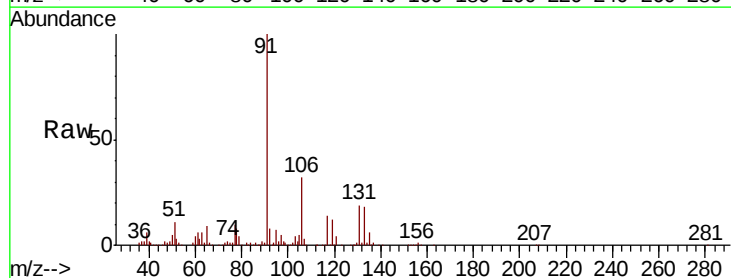
Instrument :
MSVOA_D
ClientSampleId :

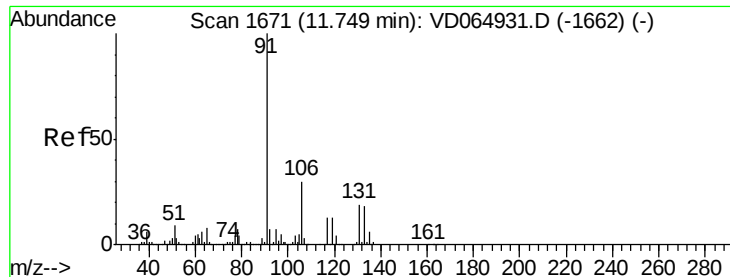
Tot Ion:112 Resp: 251617
Ion Ratio Lower Upper
112 100
114 34.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.309 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion:131 Resp: 95014
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.5
119 63.0 31.1 93.5

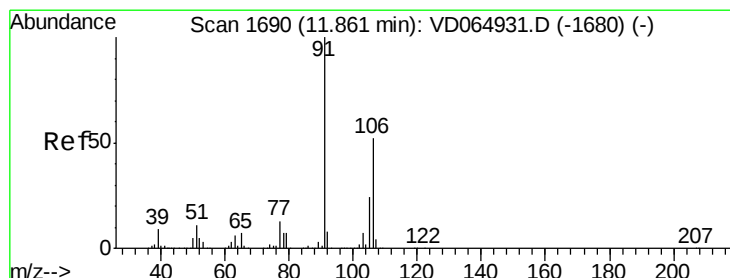
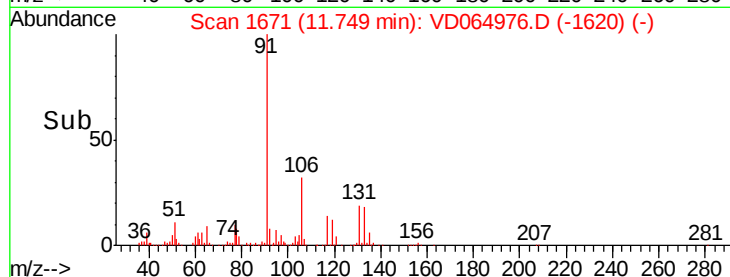
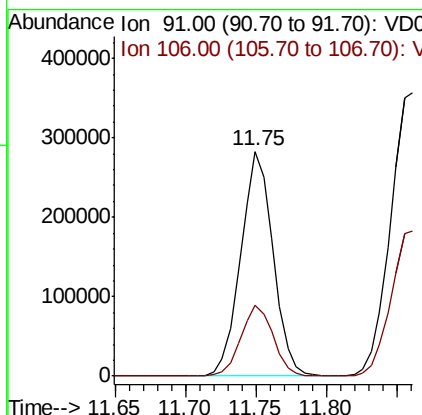
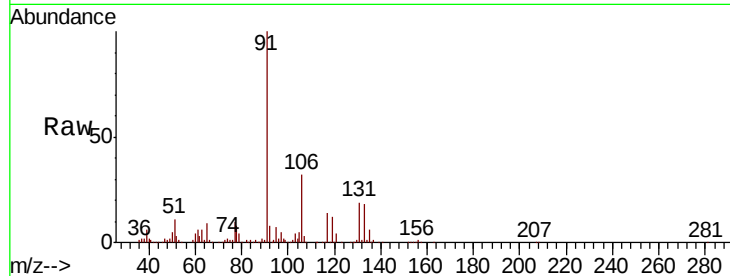




#67
Ethyl Benzene
Concen: 21.595 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

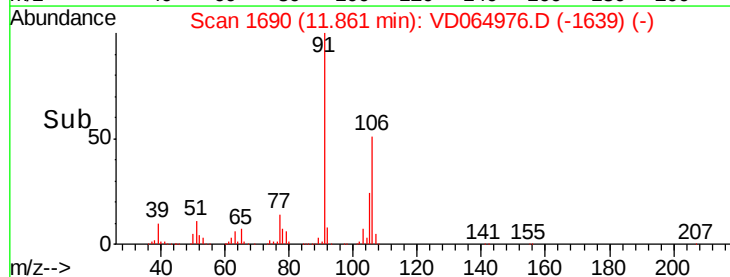
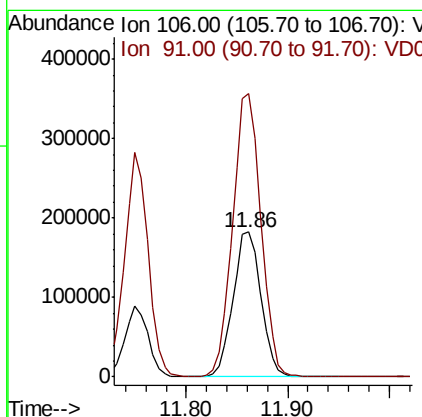
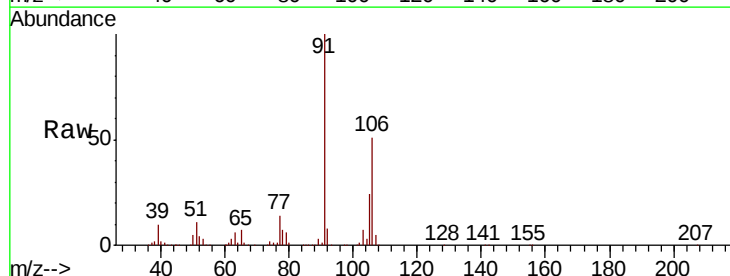
Instrument :
MSVOA_D
ClientSampled :

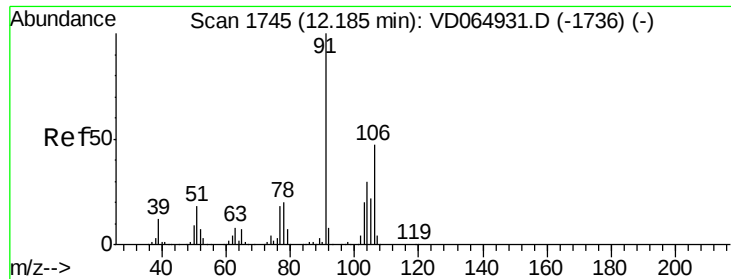
Tot Ion: 91 Resp: 454561
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5



#68
m/p-Xylenes
Concen: 43.079 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 106 Resp: 349125
Ion Ratio Lower Upper
106 100
91 197.3 159.0 238.4

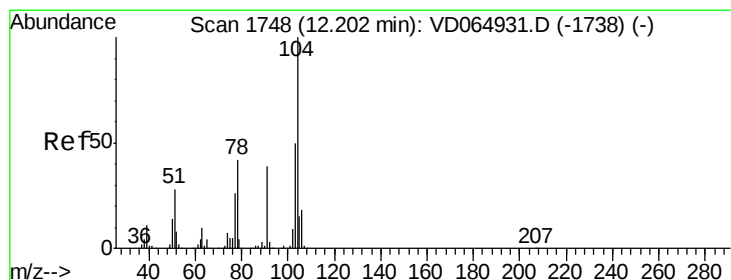
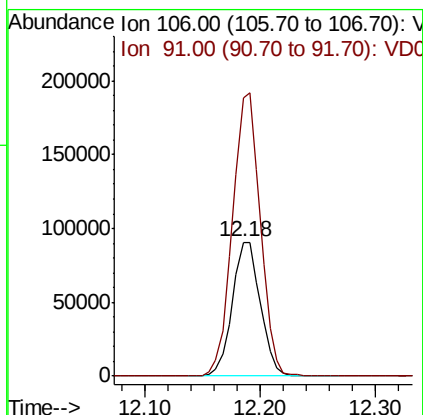
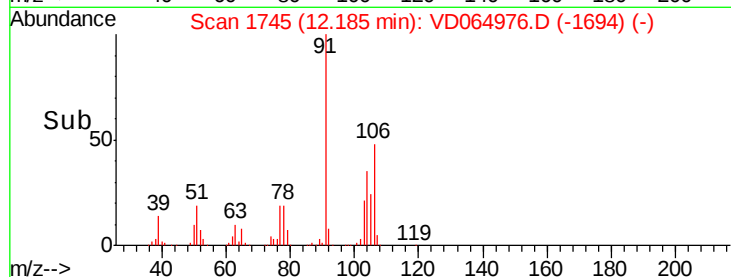
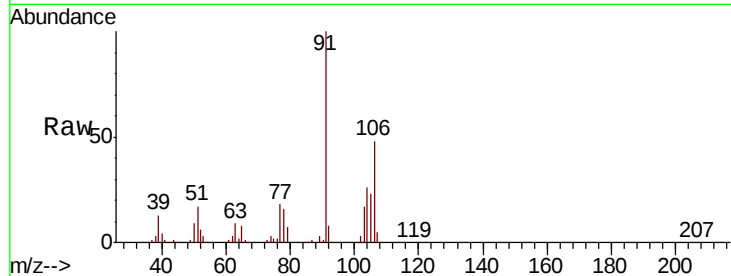




#69
o-Xylene
Concen: 21.265 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

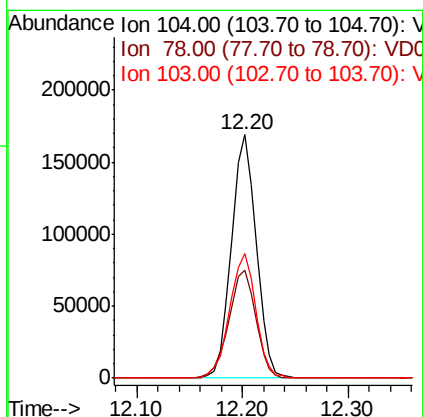
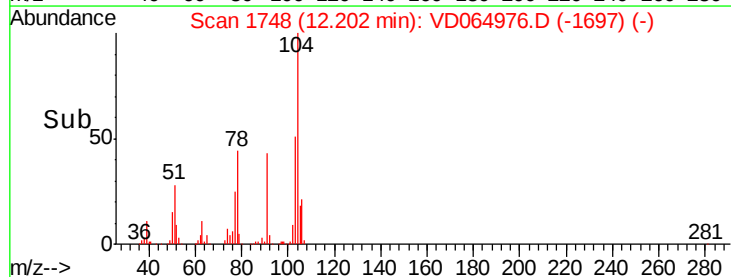
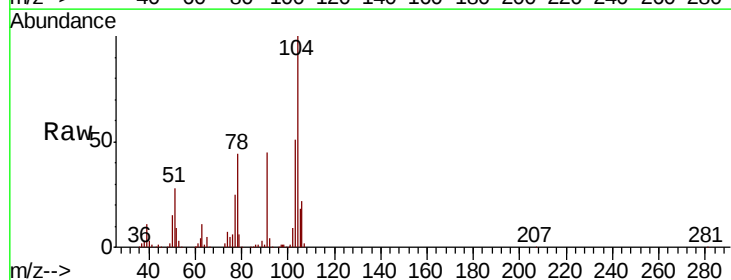
Instrument :
MSVOA_D
ClientSampleId :

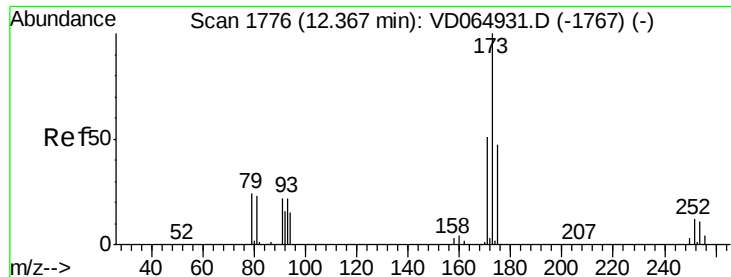
Tot Ion:106 Resp: 152950
Ion Ratio Lower Upper
106 100
91 209.8 106.7 319.9



#70
Styrene
Concen: 21.344 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion:104 Resp: 273477
Ion Ratio Lower Upper
104 100
78 48.7 38.3 57.5
103 54.2 43.5 65.3

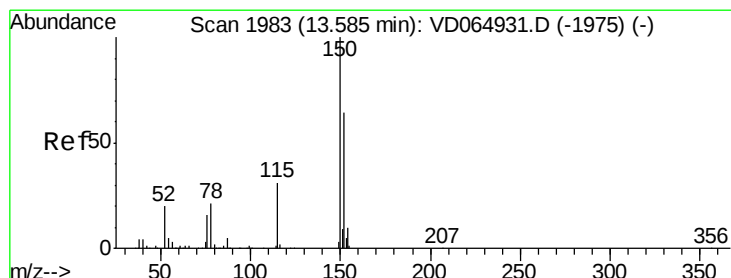
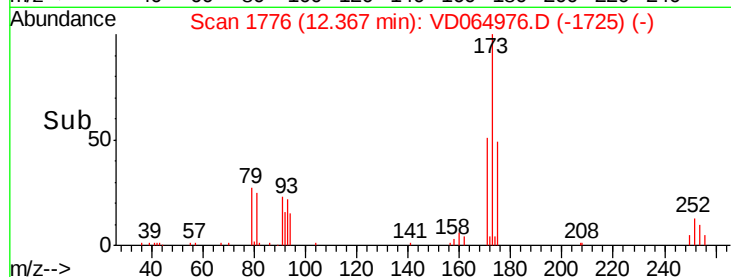
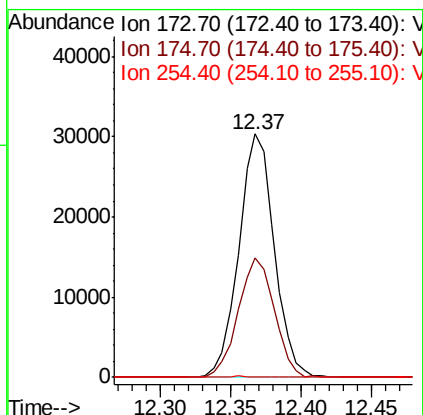
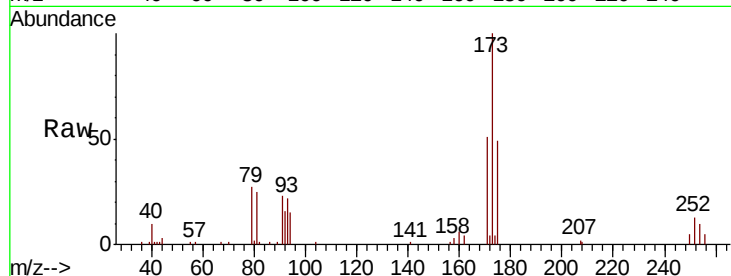




#71
Bromoform
Concen: 21.426 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

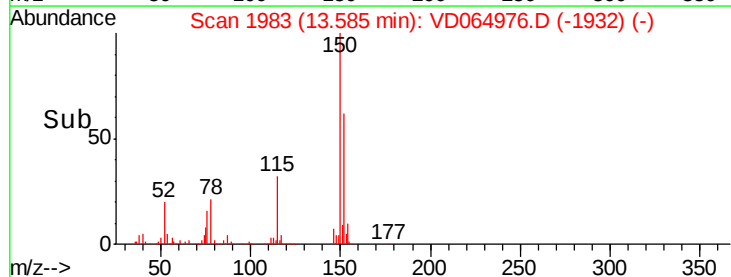
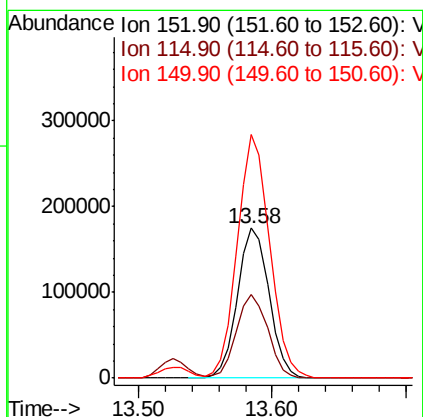
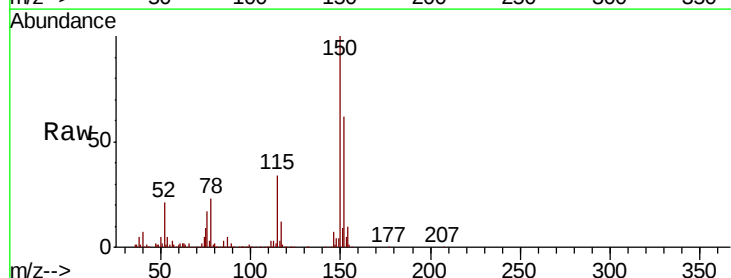
Instrument :
MSVOA_D
ClientSampleId :

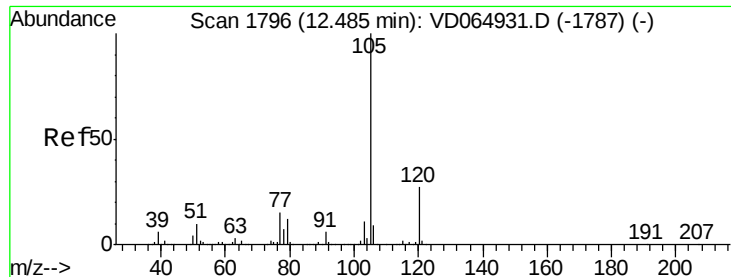
Tot Ion:173 Resp: 53109
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion:152 Resp: 286978
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.4
150 166.4 0.0 350.4





#73

Isopropylbenzene

Concen: 21.546 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

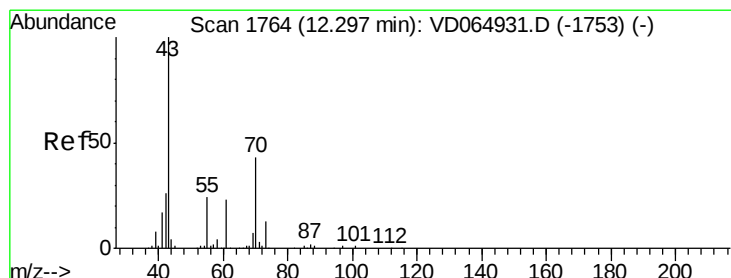
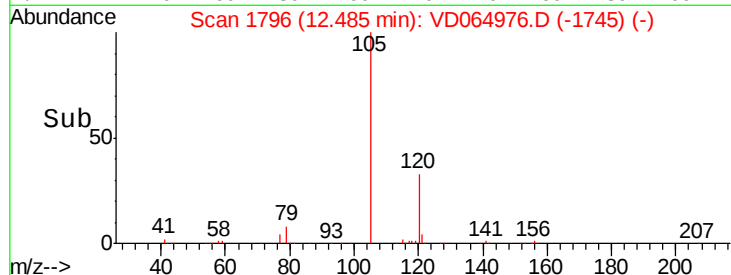
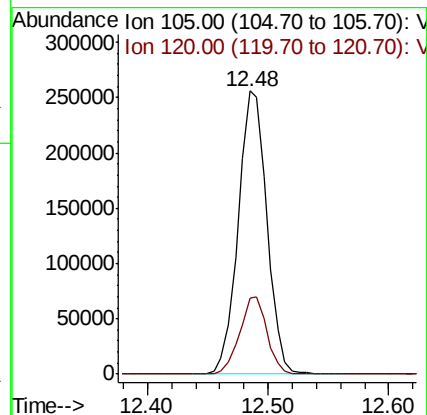
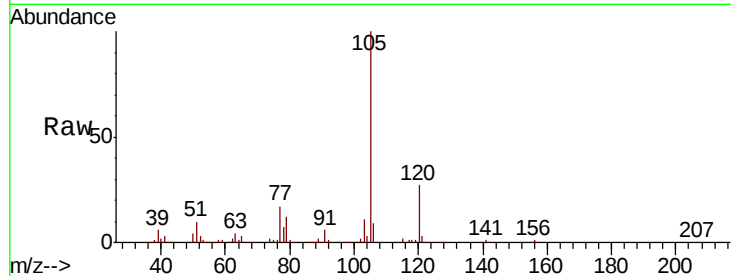
ClientSampled :

Tot Ion:105 Resp: 422623

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 20.601 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Tgt Ion: 43 Resp: 90422

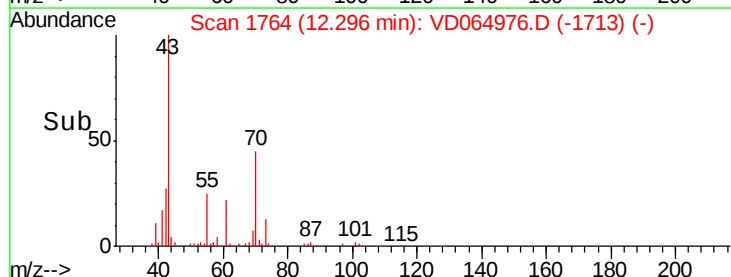
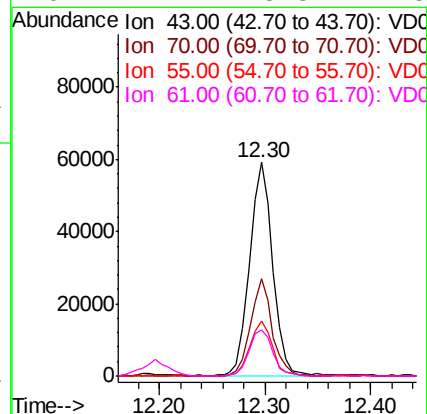
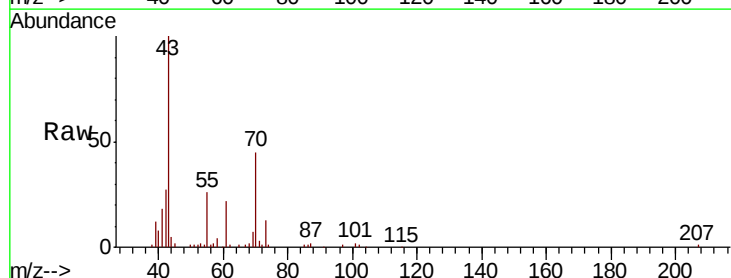
Ion Ratio Lower Upper

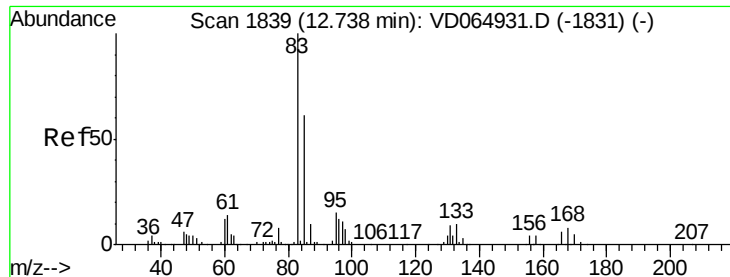
43 100

70 42.1 32.6 49.0

55 24.9 19.9 29.9

61 22.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.410 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

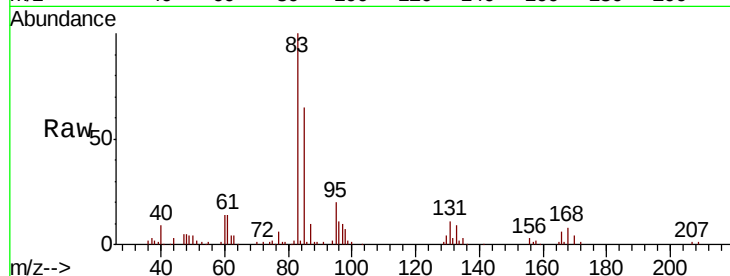
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 83 Resp: 70580

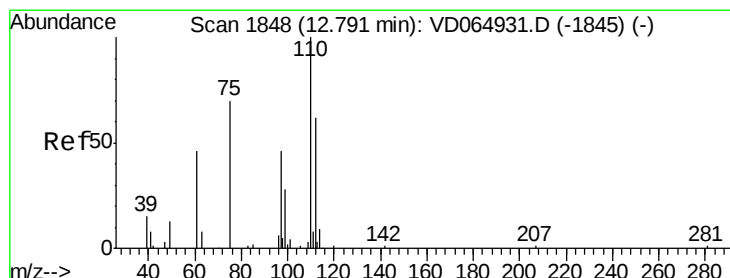
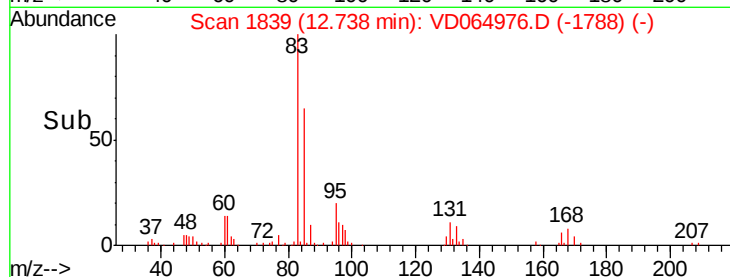
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	62.8	31.6	94.7



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: 40.087 ug/l

RT: 12.79 min Scan# 1848

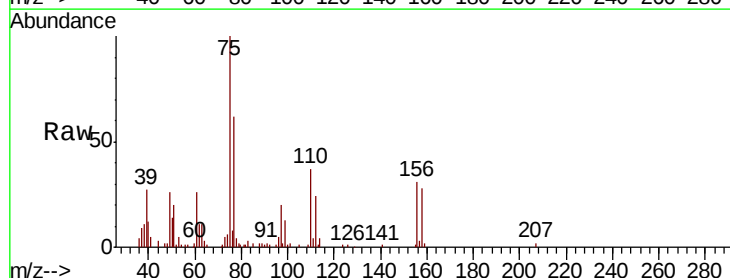
Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

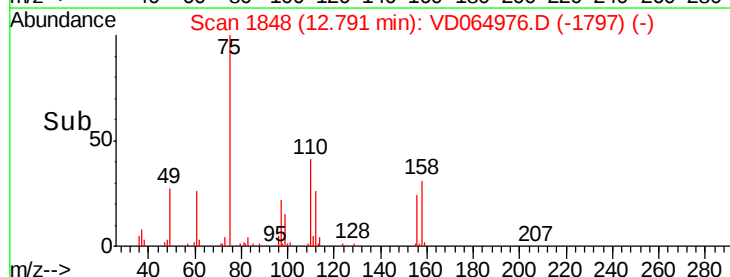
Tgt Ion: 75 Resp: 95484

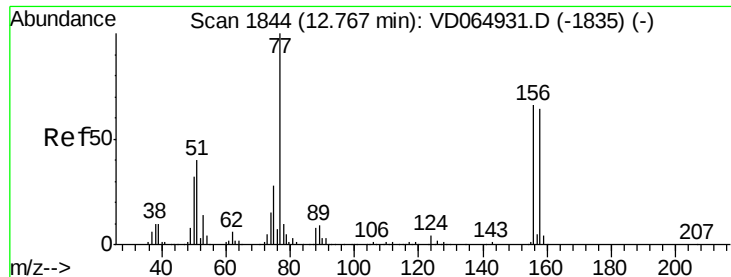
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.750 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

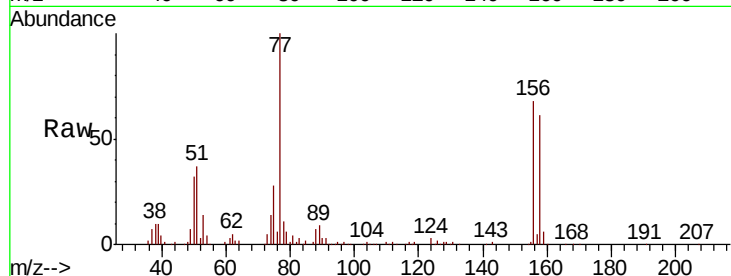
Tot Ion:156 Resp: 104384

Ion Ratio Lower Upper

156 100

77 164.8 84.2 252.5

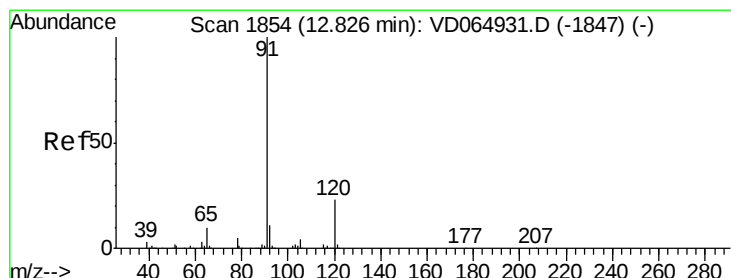
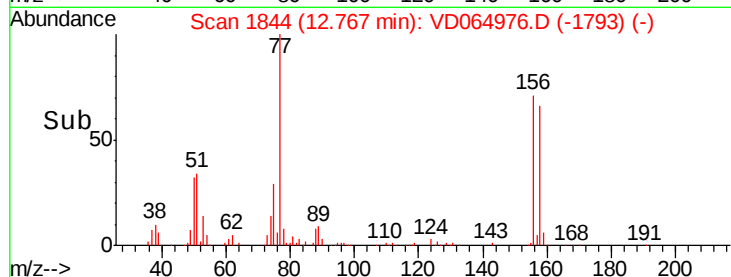
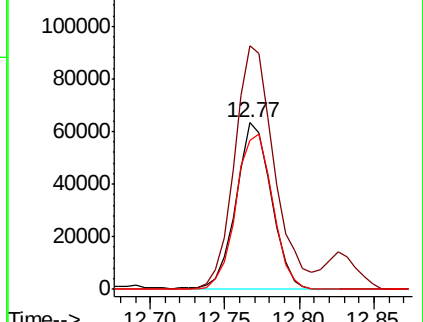
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.656 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064976.D

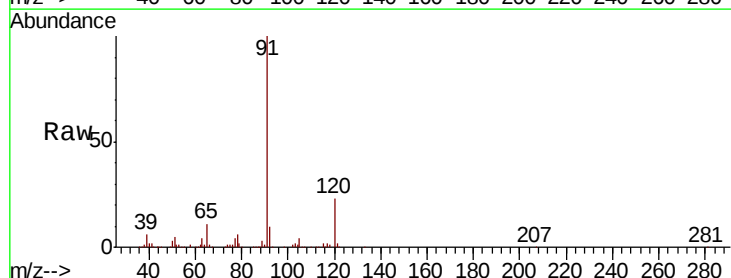
Acq: 28 Jan 2020 13:56

Tgt Ion: 91 Resp: 505151

Ion Ratio Lower Upper

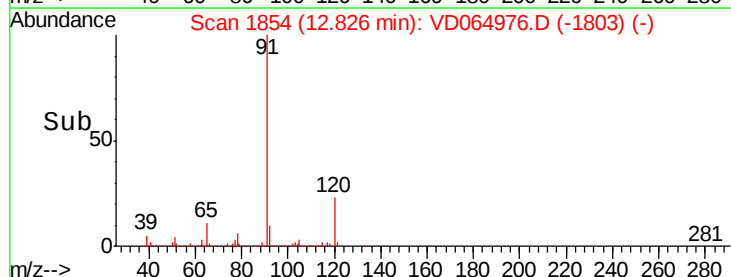
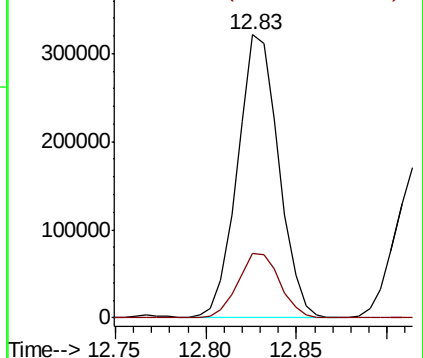
91 100

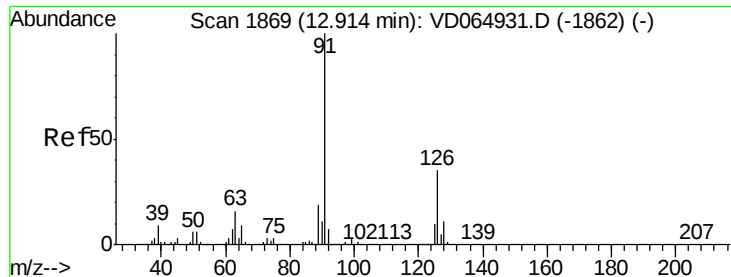
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

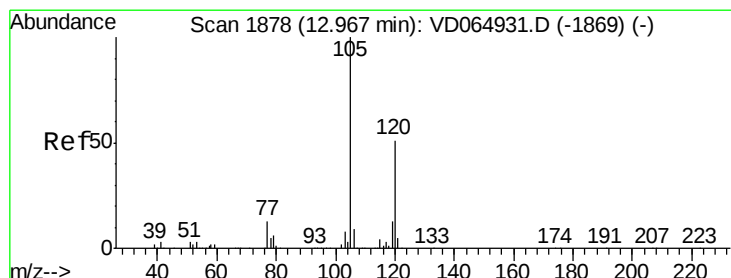
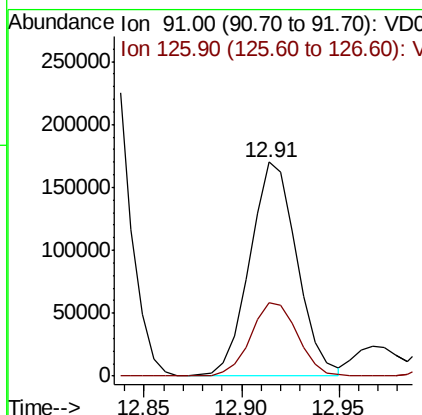
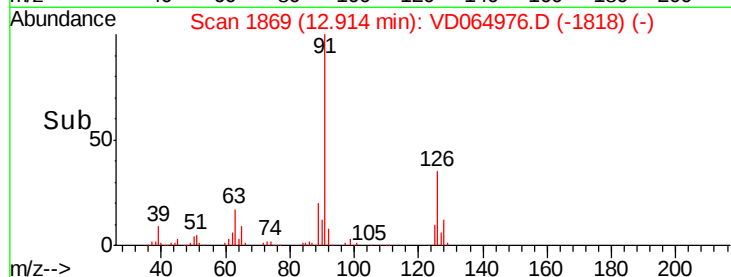
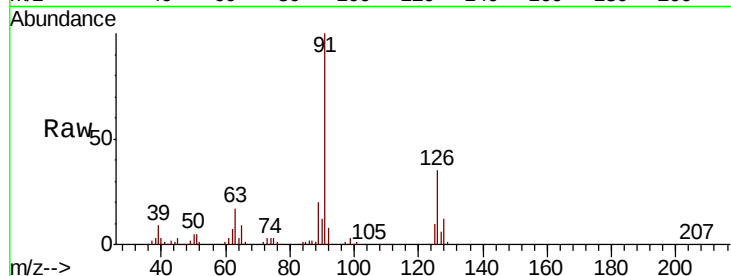




#79
 2-Chlorotoluene
 Concen: 22.157 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

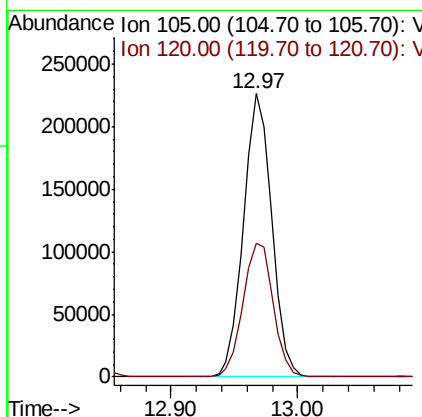
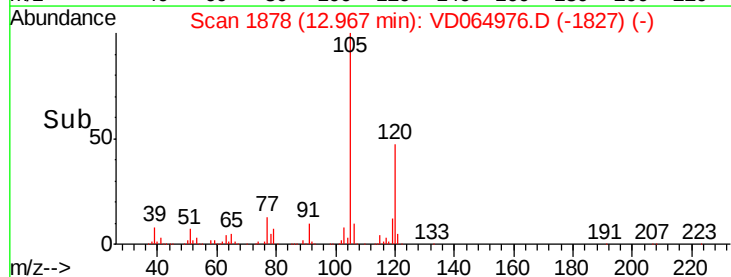
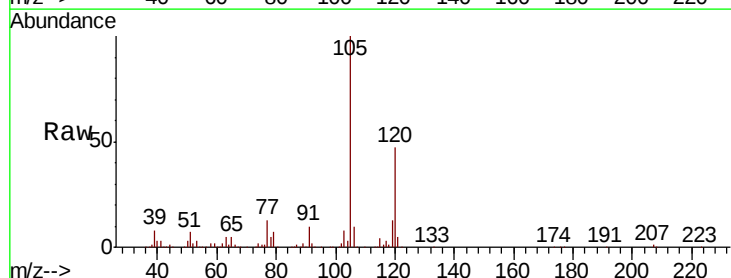
Instrument :
 MSVOA_D
 ClientSampleId :

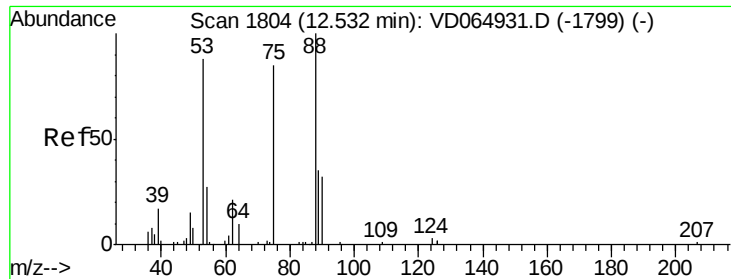
Tot Ion: 91 Resp: 283532
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.860 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion: 105 Resp: 351377
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.620 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

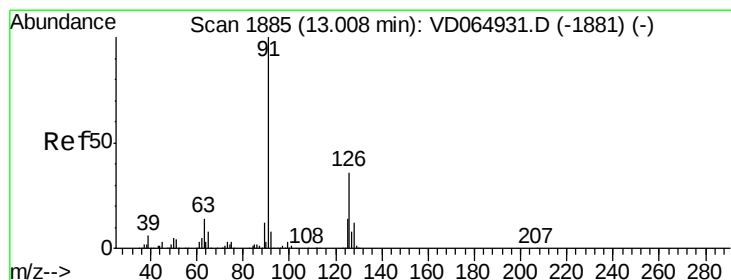
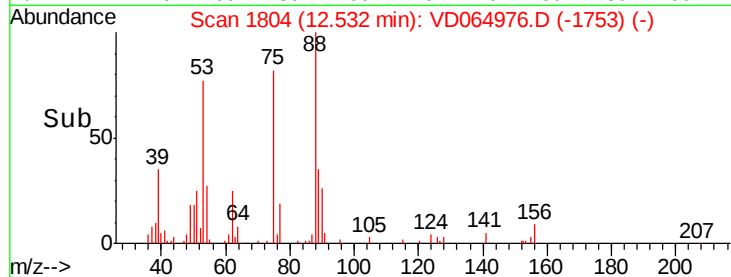
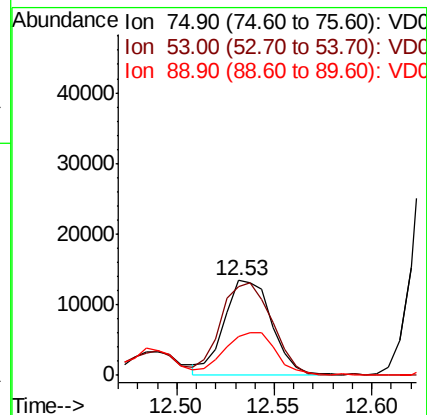
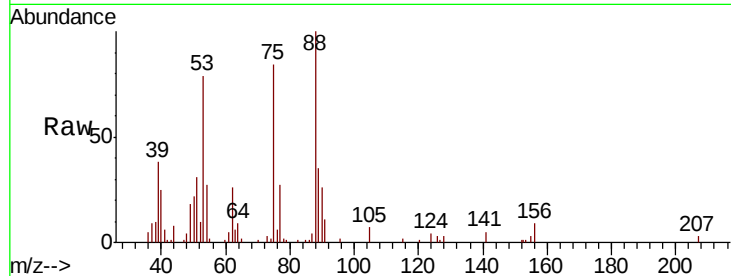
Tot Ion: 75 Resp: 23002

Ion Ratio Lower Upper

75 100

53 104.0 81.0 121.4

89 48.3 36.2 54.4



#82

4-Chlorotoluene

Concen: 21.887 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD064976.D

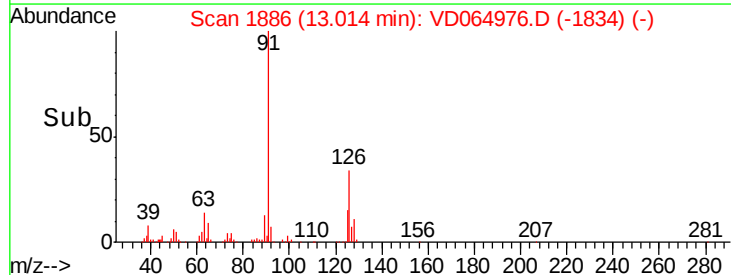
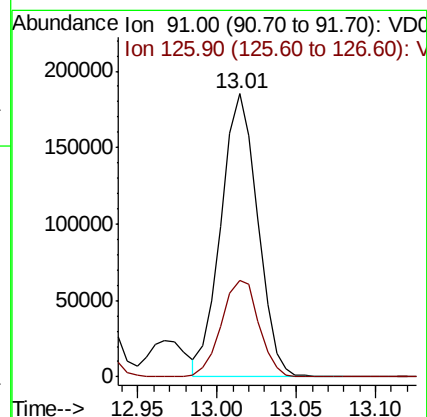
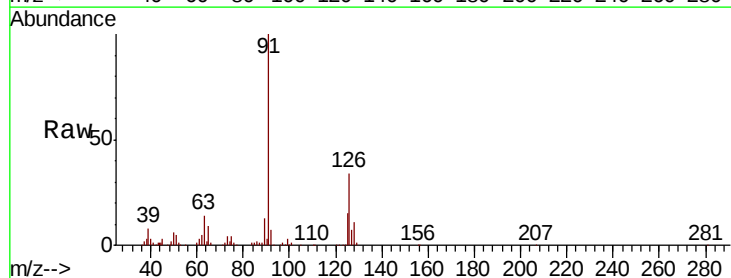
Acq: 28 Jan 2020 13:56

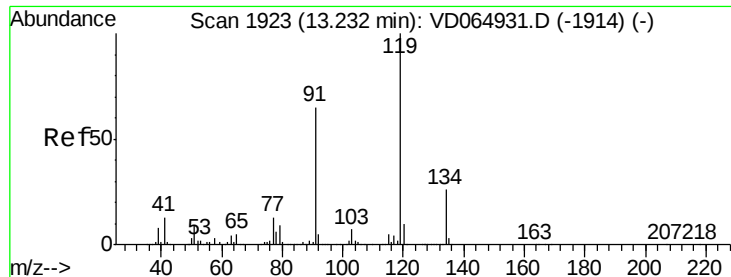
Tgt Ion: 91 Resp: 297022

Ion Ratio Lower Upper

91 100

126 35.2 18.0 54.0

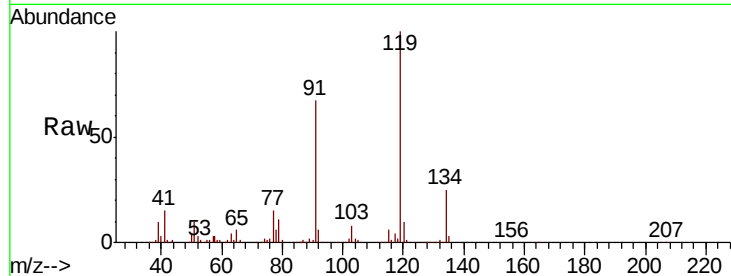




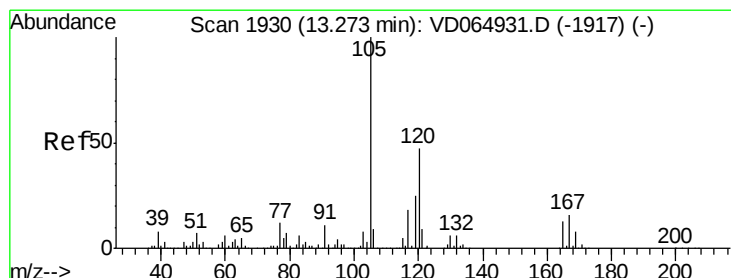
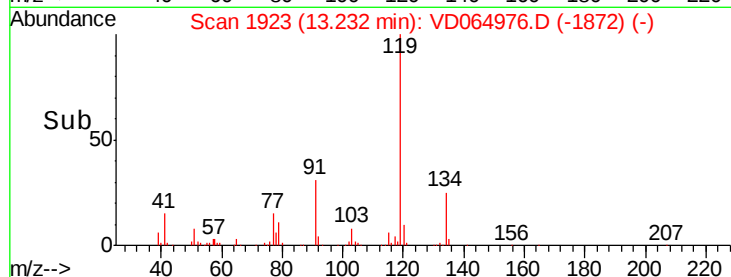
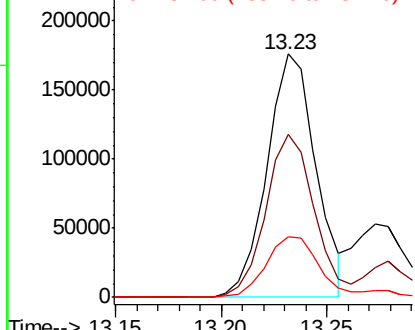
#83
tert-Butylbenzene
Concen: 20.822 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:119 Resp: 284026
Ion Ratio Lower Upper
119 100
91 66.8 32.0 96.0
134 28.7 13.9 41.6

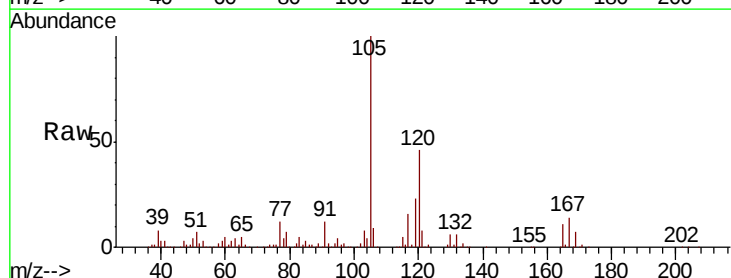


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

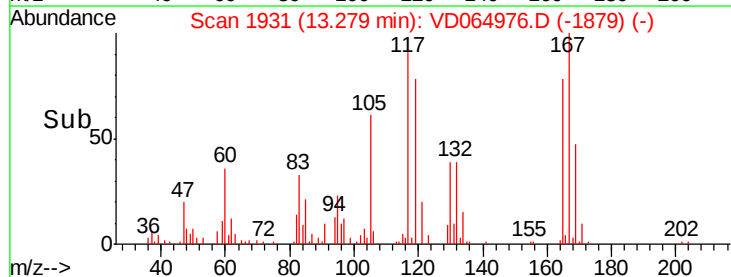
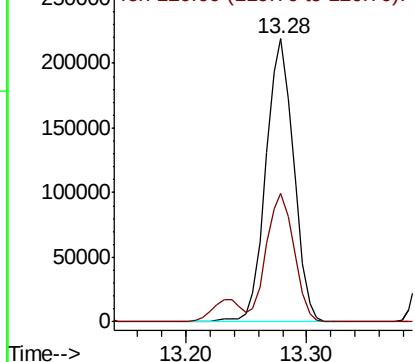


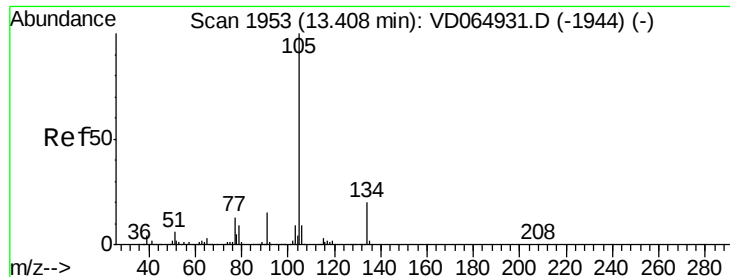
#84
1,2,4-Trimethylbenzene
Concen: 21.346 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion:105 Resp: 347577
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 21.499 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

Instrument :

MSVOA_D

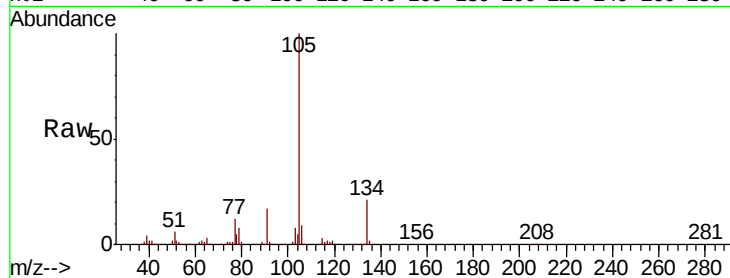
ClientSampled :

Tot Ion:105 Resp: 415231

Ion Ratio Lower Upper

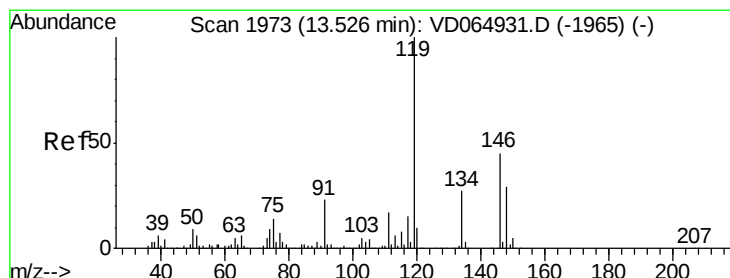
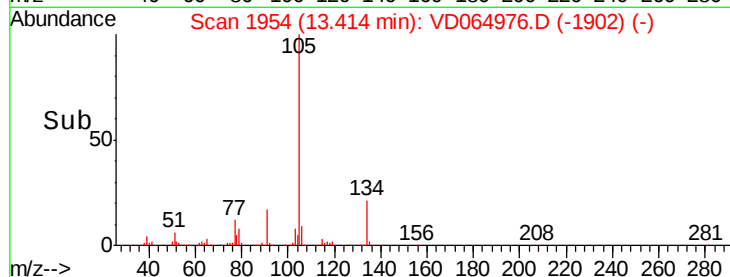
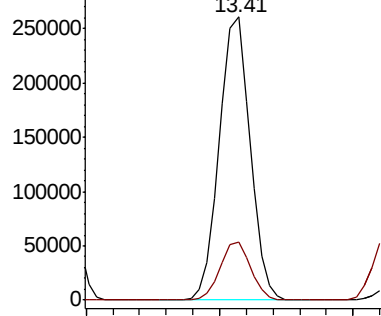
105 100

134 20.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.364 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064976.D

Acq: 28 Jan 2020 13:56

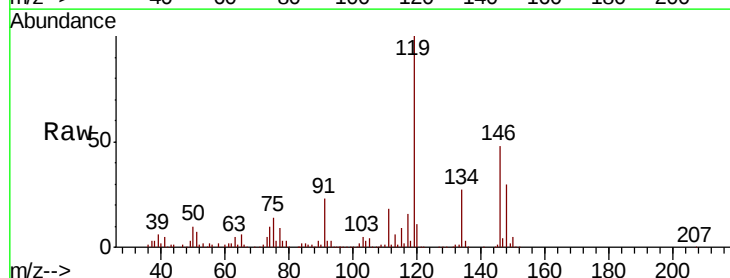
Tgt Ion:119 Resp: 386124

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

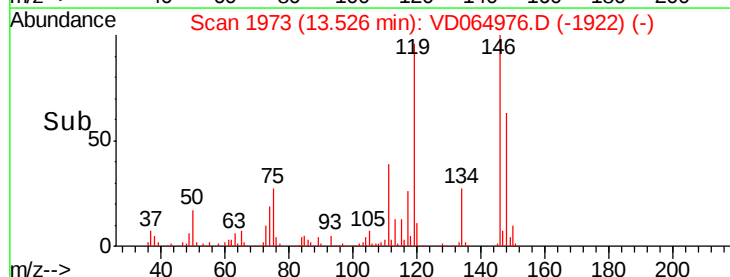
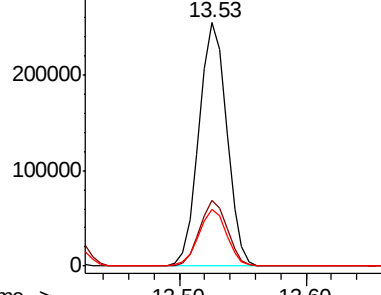
91 23.1 11.4 34.2

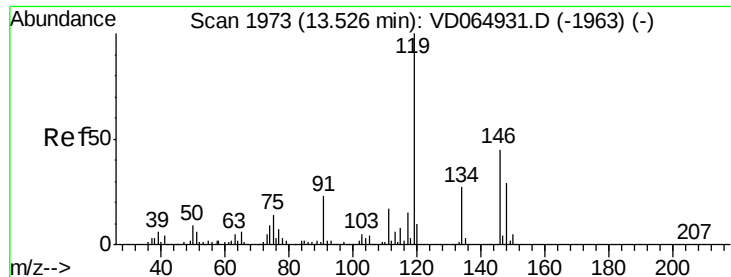


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

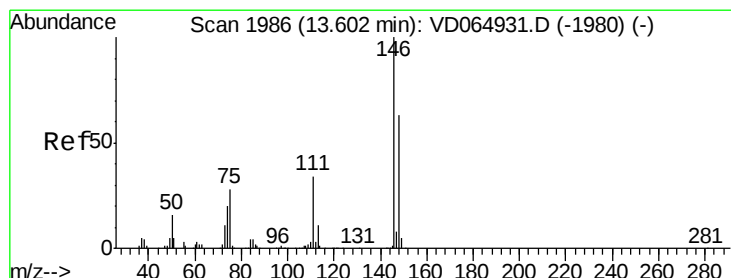
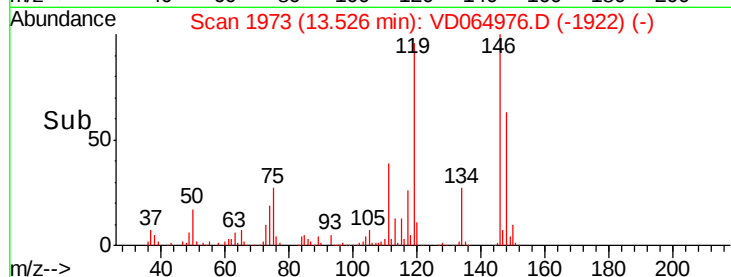
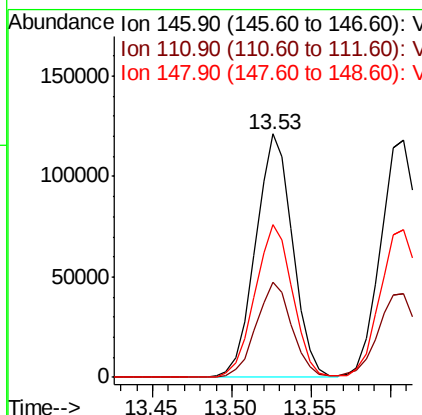
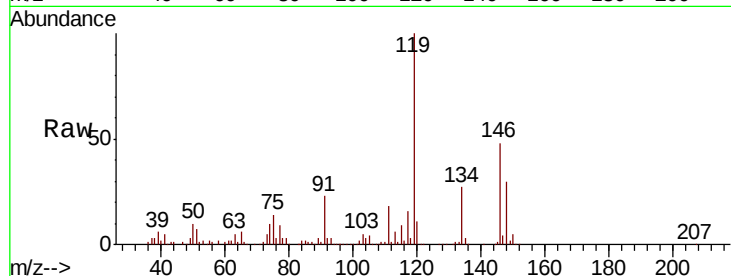




#87
 1,3-Dichlorobenzene
 Concen: 21.364 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

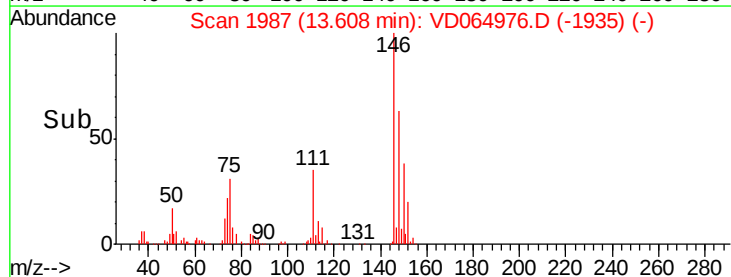
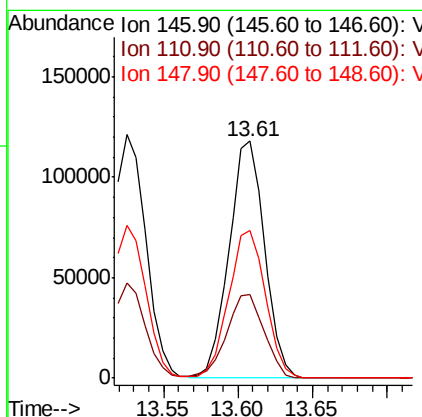
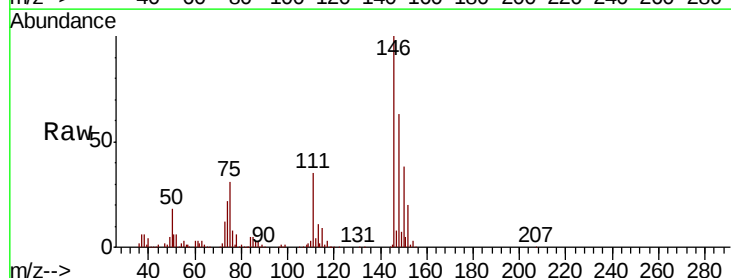
Instrument :
 MSVOA_D
 ClientSampleId :

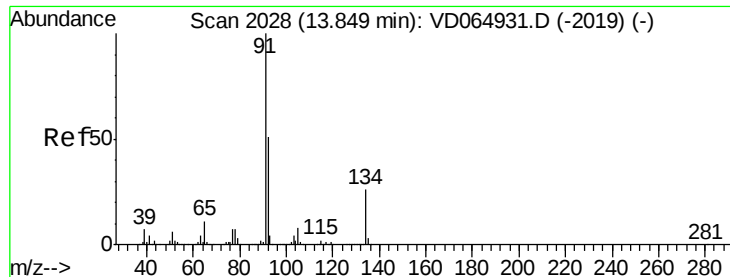
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	63.7	32.6	97.7



#88
 1,4-Dichlorobenzene
 Concen: 21.513 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.2	54.6
148	64.4	32.0	96.0

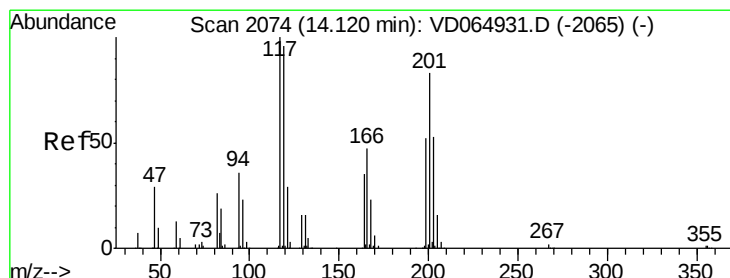
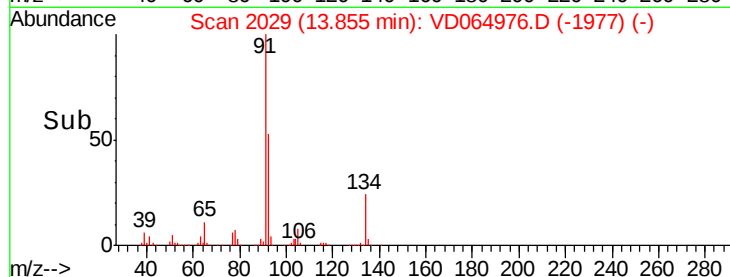
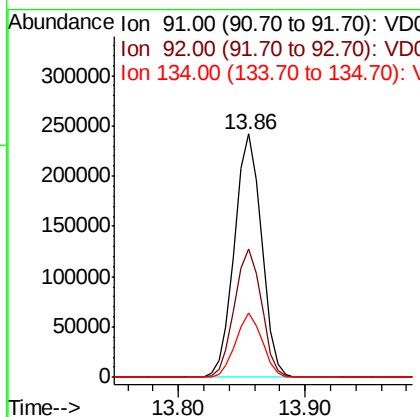
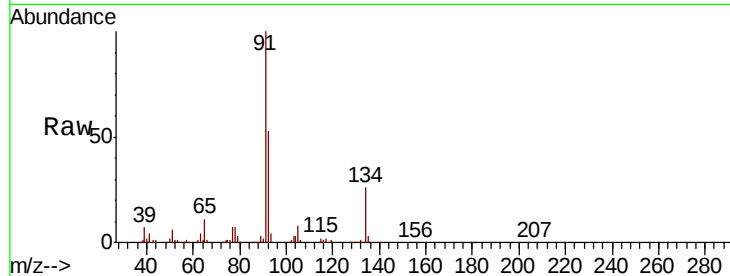




#89
n-Butylbenzene
Concen: 21.723 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

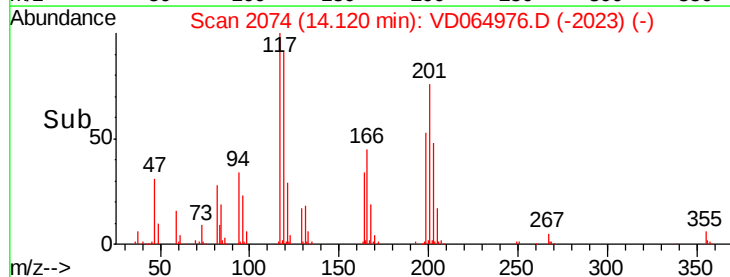
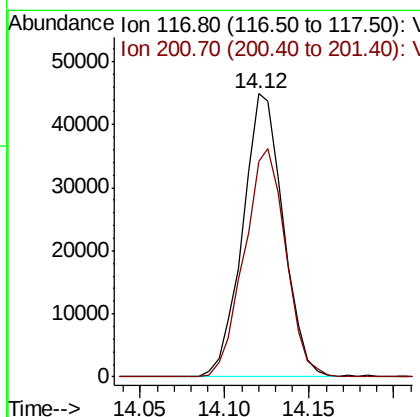
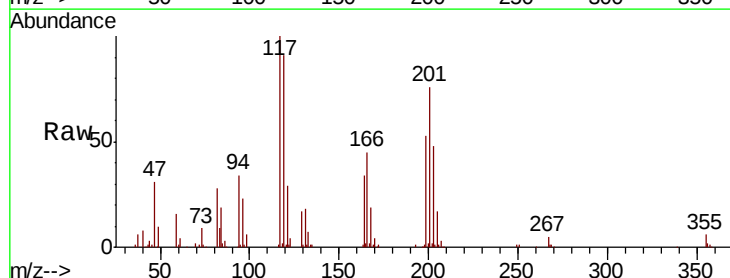
Instrument :
MSVOA_D
ClientSampleId :

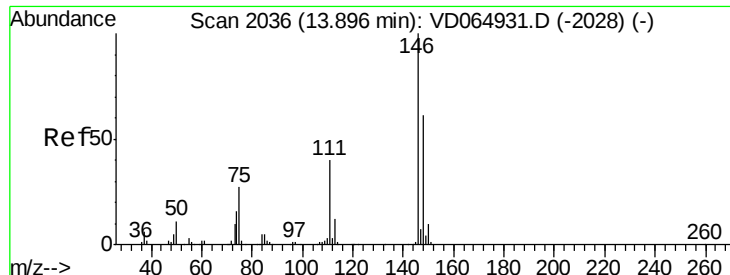
Tot Ion: 91 Resp: 358298
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.8 13.3 39.9



#90
Hexachloroethane
Concen: 21.531 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 117 Resp: 75042
Ion Ratio Lower Upper
117 100
201 82.4 41.1 123.3

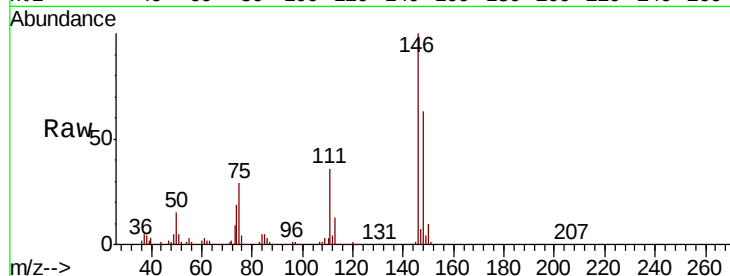




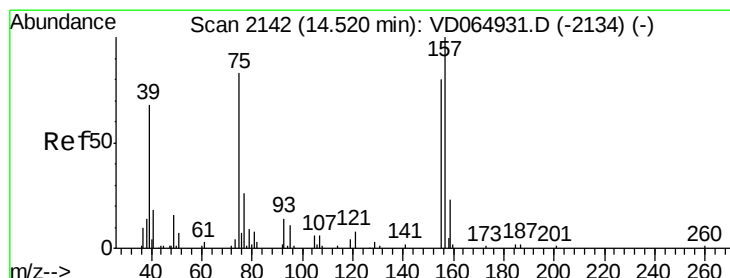
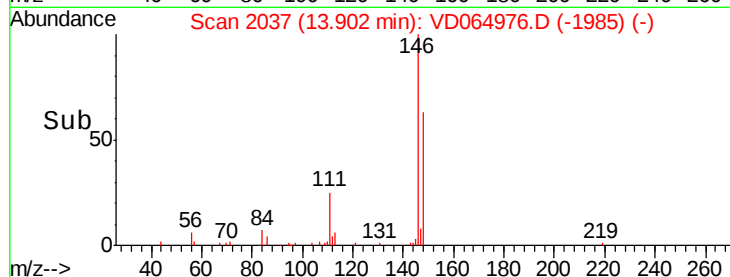
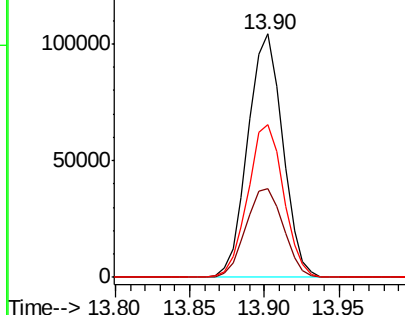
#91
 1,2-Dichlorobenzene
 Concen: 21.576 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	64.1	31.6	95.0

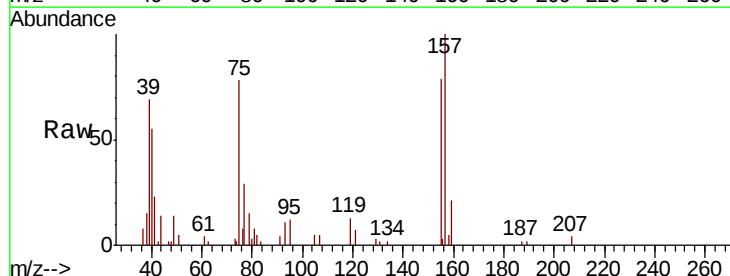


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

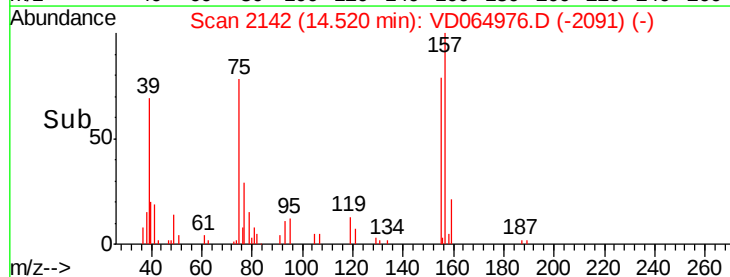
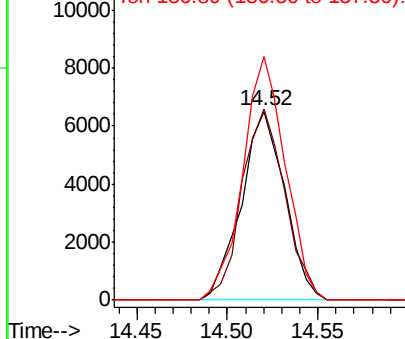


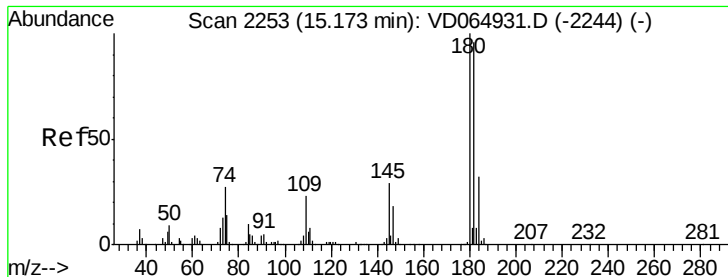
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.706 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	44.9	134.7
157	125.5	58.9	176.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

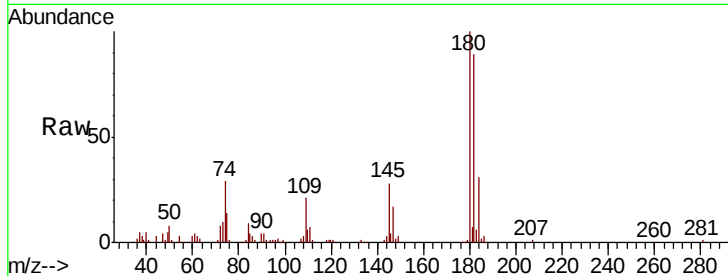




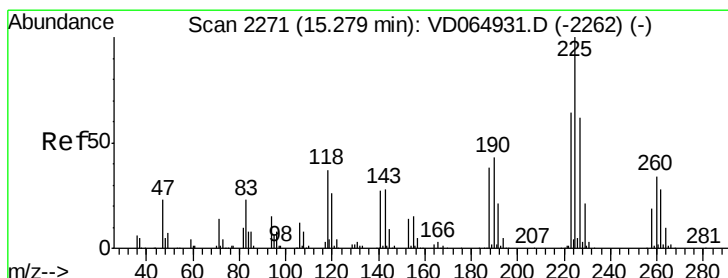
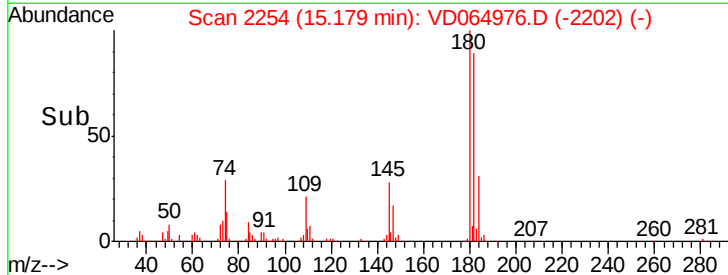
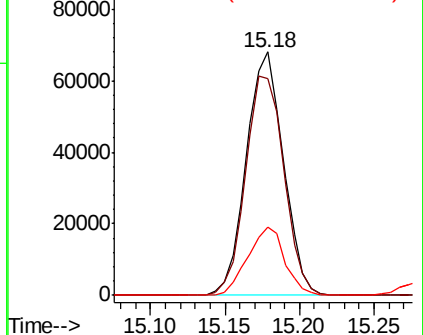
#93
 1,2,4-Trichlorobenzene
 Concen: 21.617 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 116910
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.1 141.4
 145 28.1 14.1 42.3

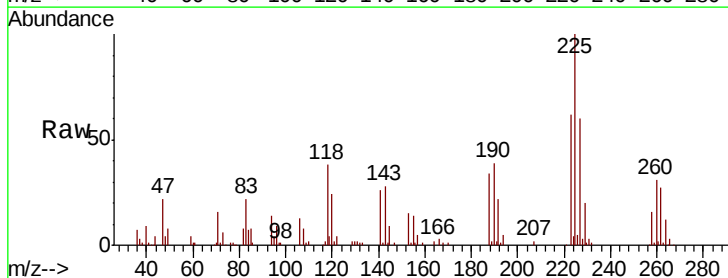


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

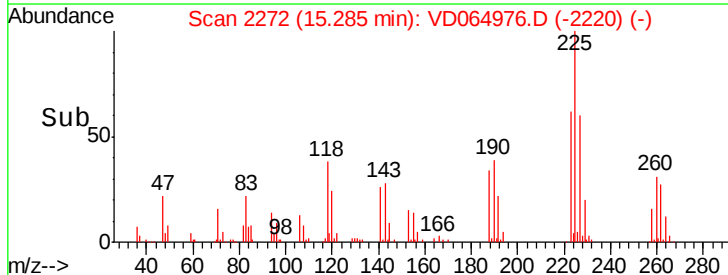
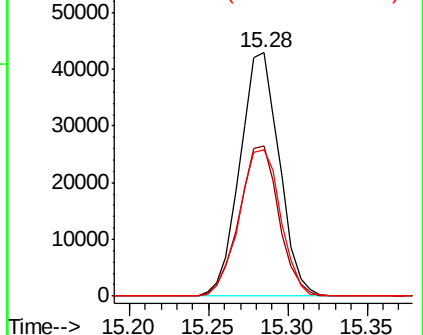


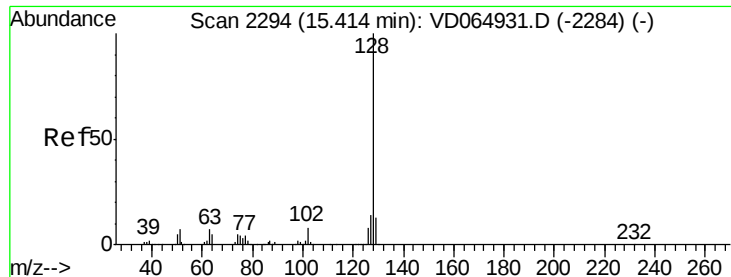
#94
 Hexachlorobutadiene
 Concen: 21.645 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD064976.D
 Acq: 28 Jan 2020 13:56

Tgt Ion:225 Resp: 74046
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.4 97.2
 227 63.1 31.9 95.9



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

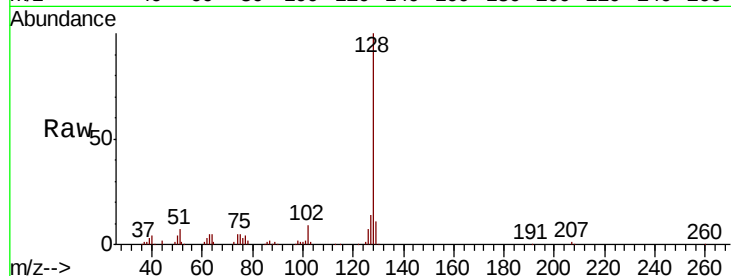




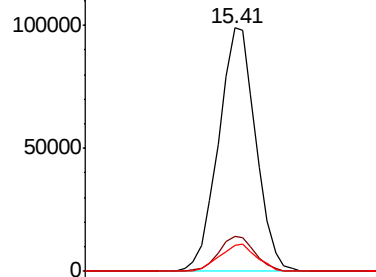
#95
Naphthalene
Concen: 20.956 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_D
ClientSampled :

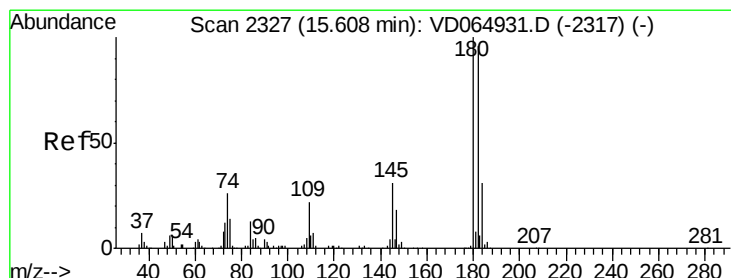
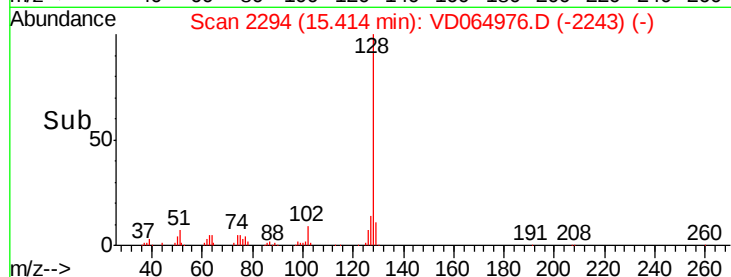
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.9	9.3	13.9



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

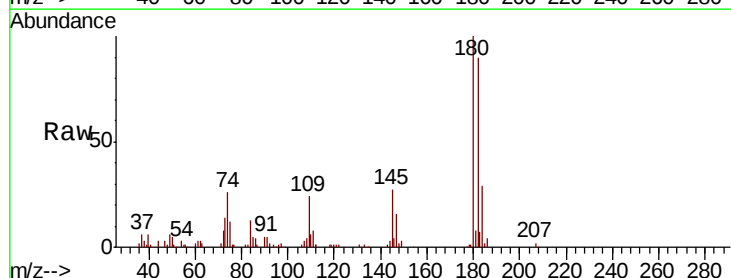


Time-->

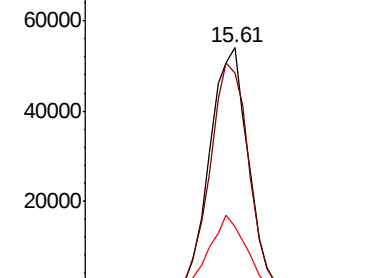


#96
1,2,3-Trichlorobenzene
Concen: 21.992 ug/l
RT: 15.61 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VD064976.D
Acq: 28 Jan 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	30.2	14.6	43.8



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



Time-->

