

Data File : VD064220.D
Acq On : 15 Nov 2019 11:45
Operator : VA/SY
Sample : VD1115SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Quant Time: Nov 16 04:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	671692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	953123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	822899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	399062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	271092	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.91	113	267949	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.34	98	1026273	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.64	95	339450	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.99	85	108169	19.417	ug/l	98
3) Chloromethane	2.21	50	126274	21.132	ug/l	97
4) Vinyl Chloride	2.35	62	146029	22.853	ug/l	97
5) Bromomethane	2.76	94	94049	23.309	ug/l	100
6) Chloroethane	2.92	64	95169	23.308	ug/l	97
7) Trichlorofluoromethane	3.27	101	251128	24.240	ug/l	99
8) Diethyl Ether	3.71	74	56616	19.875	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	117905	19.912	ug/l	98
10) Methyl Iodide	4.29	142	118803	18.893	ug/l	99
11) Tert butyl alcohol	5.26	59	40920	106.053	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	112405	19.916	ug/l	93
13) Acrolein	3.93	56	27259	83.510	ug/l	98
14) Allyl chloride	4.70	41	190097	19.049	ug/l	96
15) Acrylonitrile	5.43	53	127845	105.275	ug/l	100
16) Acetone	4.16	43	105844	80.877	ug/l	94
17) Carbon Disulfide	4.40	76	336356	19.136	ug/l	99
18) Methyl Acetate	4.73	43	76765	21.001	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	270436	20.071	ug/l	95
20) Methylene Chloride	4.96	84	135726	20.531	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	126910	19.847	ug/l	93
22) Diisopropyl ether	6.37	45	360554	19.473	ug/l	98
23) Vinyl Acetate	6.31	43	1054590	102.178	ug/l	99
24) 1,1-Dichloroethane	6.26	63	213687	19.876	ug/l	99
25) 2-Butanone	7.23	43	167475	99.052	ug/l	98
26) 2,2-Dichloropropane	7.20	77	207669	19.697	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139220	20.302	ug/l	96
28) Bromochloromethane	7.55	49	62631	16.733	ug/l	100
29) Tetrahydrofuran	7.57	42	108554	106.860	ug/l	99
30) Chloroform	7.71	83	232394	21.133	ug/l	98
31) Cyclohexane	7.98	56	209405	19.314	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	210050	19.948	ug/l	99
36) 1,1-Dichloropropene	8.11	75	172061	19.560	ug/l	99
37) Ethyl Acetate	7.30	43	75989	20.491	ug/l #	90
38) Carbon Tetrachloride	8.10	117	185238	19.680	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	217096	19.504	ug/l	98
40) Benzene	8.35	78	477281	19.853	ug/l	98
41) Methacrylonitrile	7.53	41	46899	20.121	ug/l	96
42) 1,2-Dichloroethane	8.43	62	144524	20.016	ug/l	100
43) Isopropyl Acetate	8.46	43	153387	20.075	ug/l	99
44) Trichloroethene	9.11	130	142514	19.751	ug/l	98
45) 1,2-Dichloropropane	9.39	63	114863	19.630	ug/l	97
46) Dibromomethane	9.48	93	63721	20.341	ug/l	99
47) Bromodichloromethane	9.66	83	168198	19.933	ug/l	99
48) Methyl methacrylate	9.46	41	72730	19.466	ug/l	97
49) 1,4-Dioxane	9.47	88	16052	426.654	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	377006	102.892	ug/l	99
52) Toluene	10.40	92	311417	19.699	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	163028	19.285	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	195039	19.771	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	85303	20.073	ug/l	99
56) Ethyl methacrylate	10.66	69	118909	20.002	ug/l	96
57) 1,3-Dichloropropane	10.95	76	152593	20.589	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	235166	97.658	ug/l	99
59) 2-Hexanone	10.99	43	262421	100.668	ug/l	99
60) Dibromochloromethane	11.14	129	118716	20.020	ug/l	99
61) 1,2-Dibromoethane	11.25	107	88508	20.794	ug/l	99
64) Tetrachloroethene	10.88	164	125629	19.850	ug/l	97
65) Chlorobenzene	11.67	112	327970	19.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	125080	19.658	ug/l	100
67) Ethyl Benzene	11.75	91	608621	20.107	ug/l	100
68) m/p-Xylenes	11.86	106	453077	39.052	ug/l	100
69) o-Xylene	12.18	106	208815	19.406	ug/l	99
70) Styrene	12.20	104	365625	19.466	ug/l	100
71) Bromoform	12.37	173	75754	20.920	ug/l #	100
73) Isopropylbenzene	12.48	105	586271	20.015	ug/l	99
74) N-amyl acetate	12.29	43	138690	20.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	94389	21.386	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	124506	38.735	ug/l #	100
77) Bromobenzene	12.77	156	141811	19.928	ug/l	99
78) n-propylbenzene	12.83	91	668772	19.984	ug/l	99
79) 2-Chlorotoluene	12.91	91	368247	19.490	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	468654	19.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31236	19.303	ug/l	96
82) 4-Chlorotoluene	13.01	91	390333	19.807	ug/l	100
83) tert-Butylbenzene	13.23	119	419219	19.753	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	464985	19.569	ug/l	100
85) sec-Butylbenzene	13.41	105	564385	19.800	ug/l	99
86) p-Isopropyltoluene	13.52	119	533838	19.699	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	260352	19.710	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	257442	19.969	ug/l	98
89) n-Butylbenzene	13.85	91	483951	19.767	ug/l	99
90) Hexachloroethane	14.12	117	94918	18.953	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	227269	20.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16177	20.500	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Quantitation Report (Not Reviewed)

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Sample : VD1115SBSD01
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	174285	20.207	ug/l	99
94) Hexachlorobutadiene	15.27	225	111892	20.085	ug/l	99
95) Naphthalene	15.41	128	299096	21.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	146157	19.936	ug/l	99

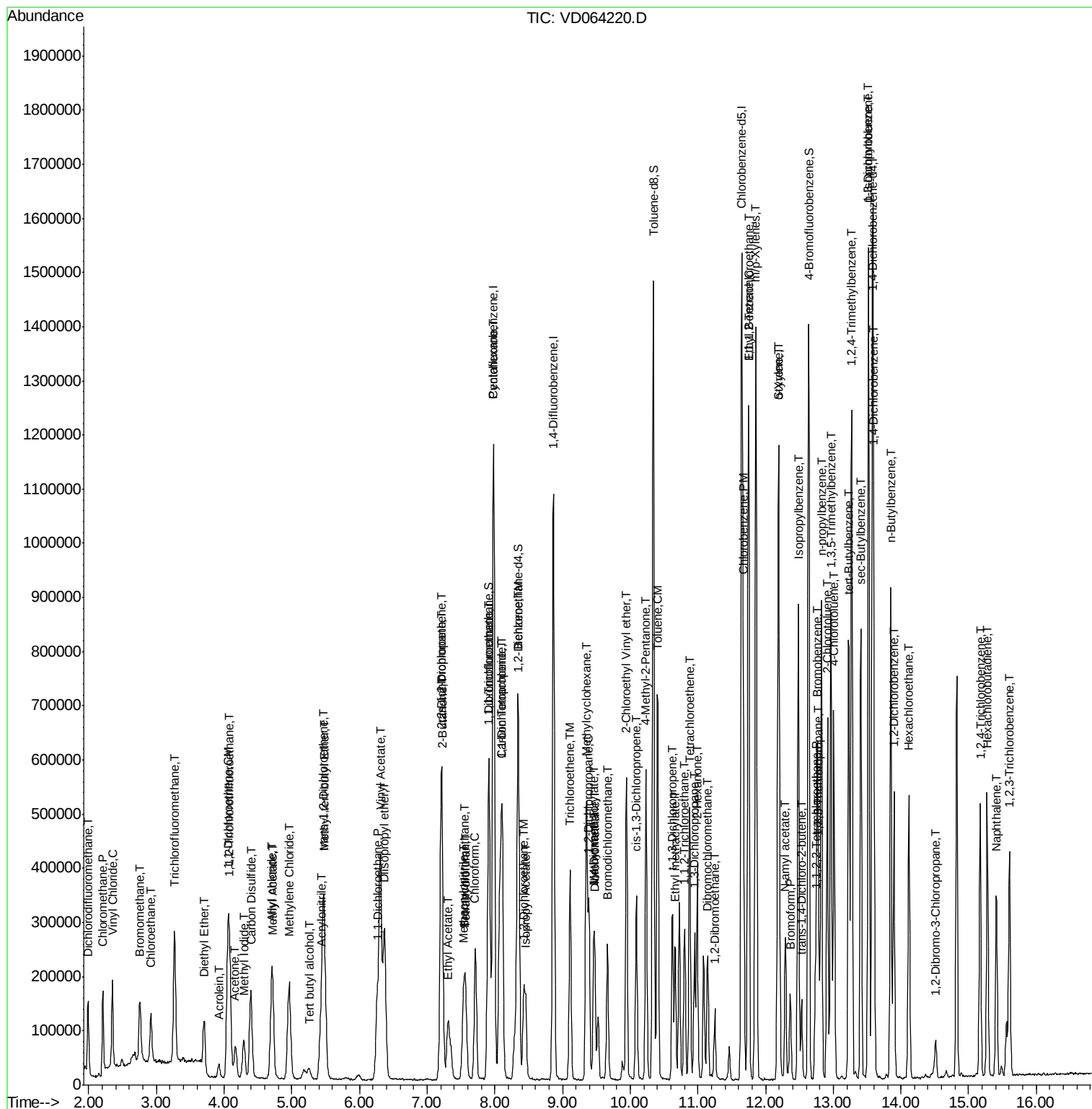
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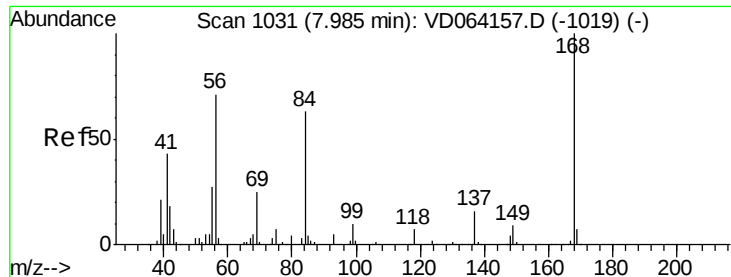
Data File : VD064220.D

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Acq On       : 15 Nov 2019   11:45
Operator    : VA/SY
Sample      : VD1115BSD01
Misc       : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Quant Time: Nov 16 04:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

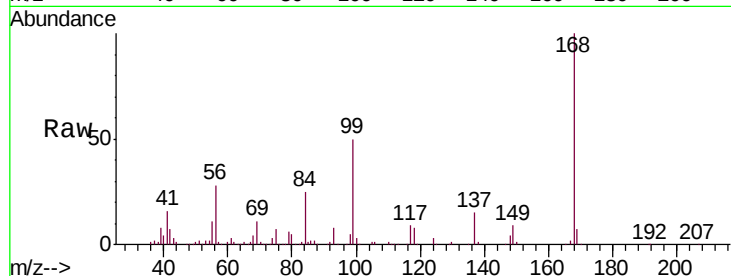
VD1115SBS01

Tgt Ion:168 Resp: 671692

Ion Ratio Lower Upper

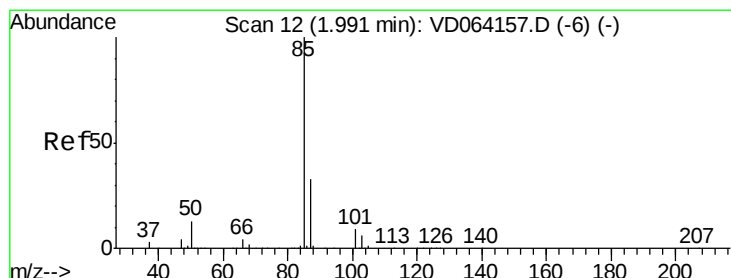
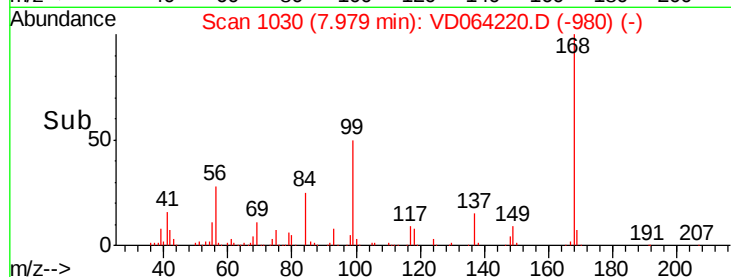
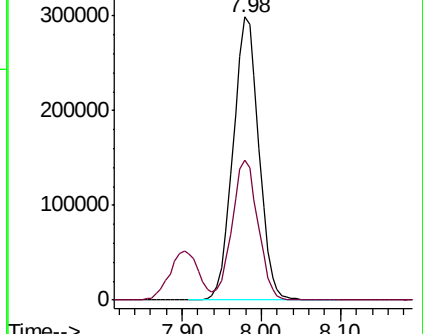
168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.417 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064220.D

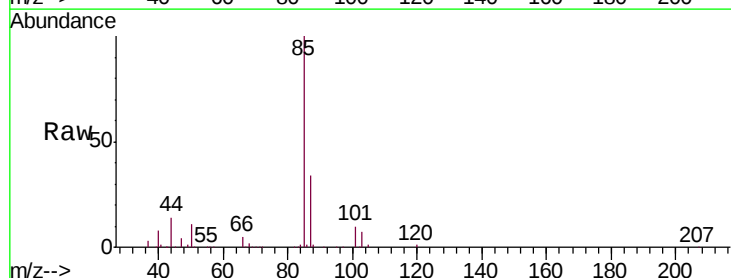
Acq: 15 Nov 2019 11:45

Tgt Ion: 85 Resp: 108169

Ion Ratio Lower Upper

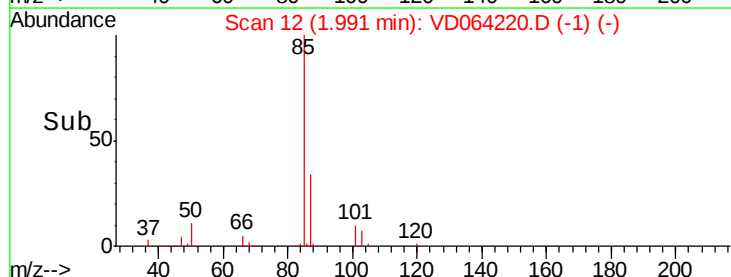
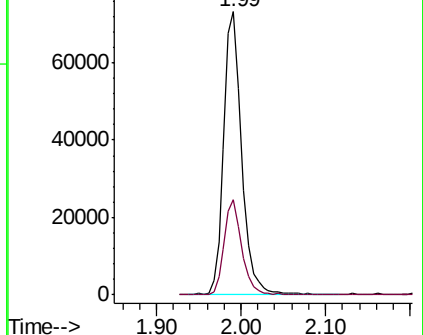
85 100

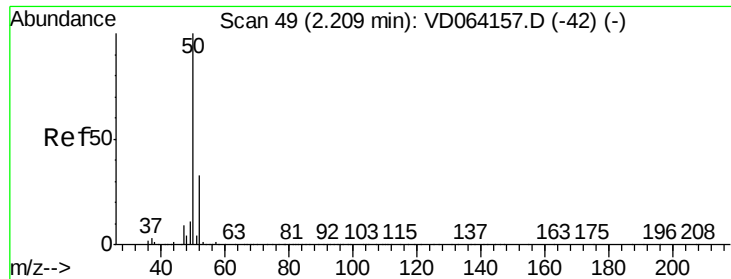
87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.132 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

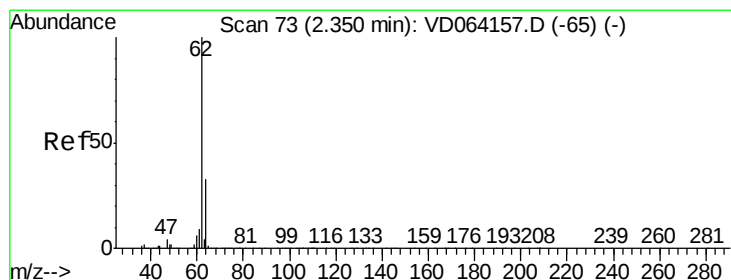
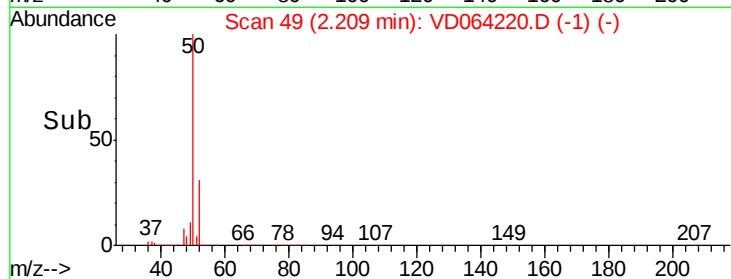
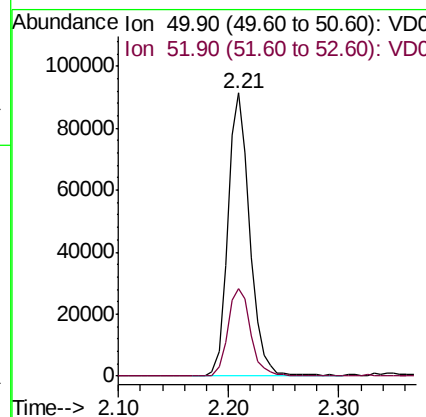
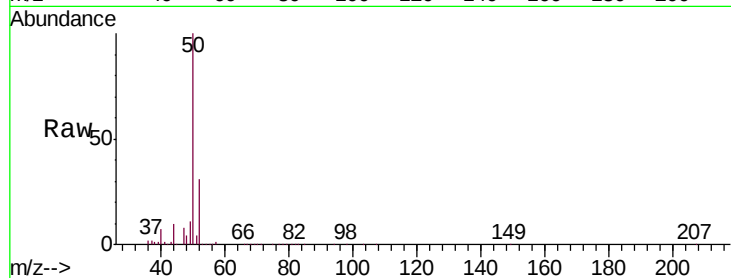
VD1115SBSD01

Tgt Ion: 50 Resp: 126274

Ion Ratio Lower Upper

50 100

52 31.1 26.2 39.4



#4

Vinyl Chloride

Concen: 22.853 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064220.D

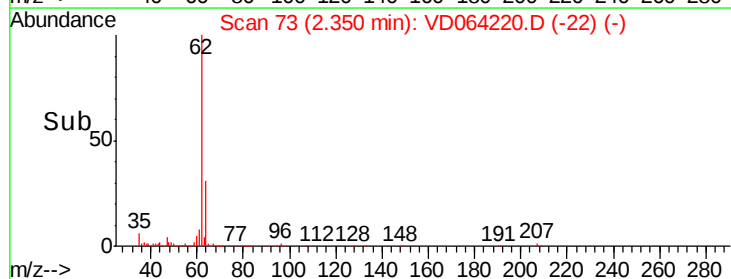
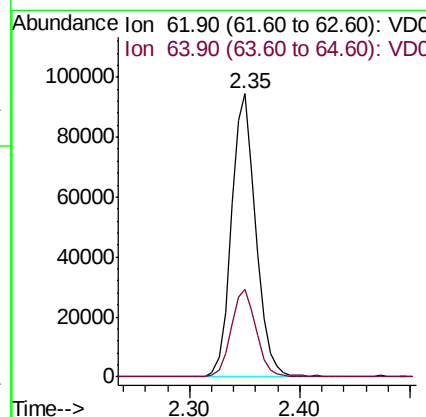
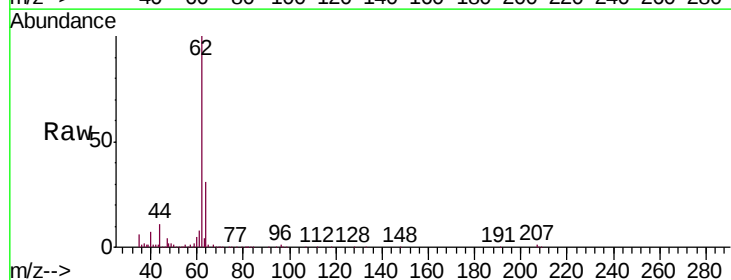
Acq: 15 Nov 2019 11:45

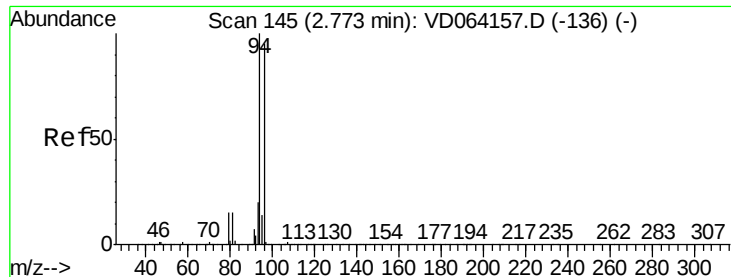
Tgt Ion: 62 Resp: 146029

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2





#5

Bromomethane

Concen: 23.309 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

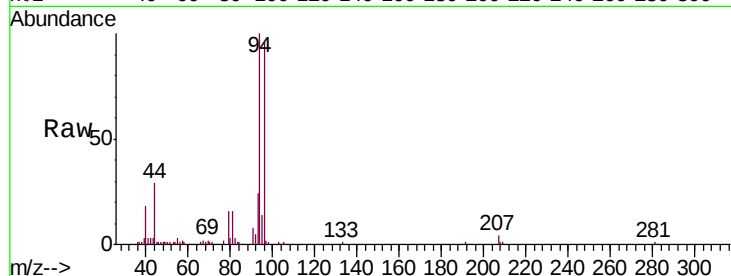
VD1115SBSD01

Tgt Ion: 94 Resp: 94049

Ion Ratio Lower Upper

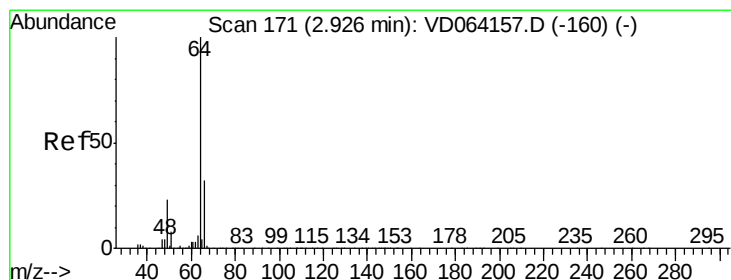
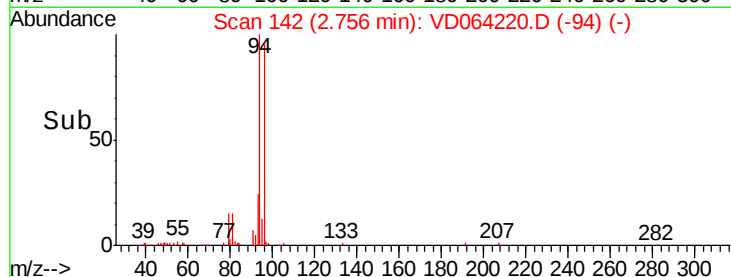
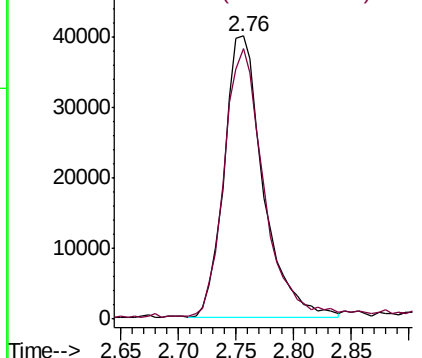
94 100

96 95.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 23.308 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064220.D

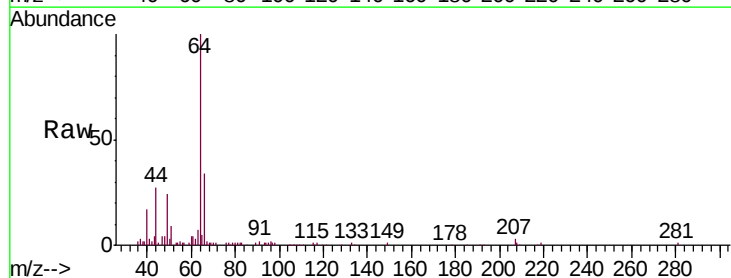
Acq: 15 Nov 2019 11:45

Tgt Ion: 64 Resp: 95169

Ion Ratio Lower Upper

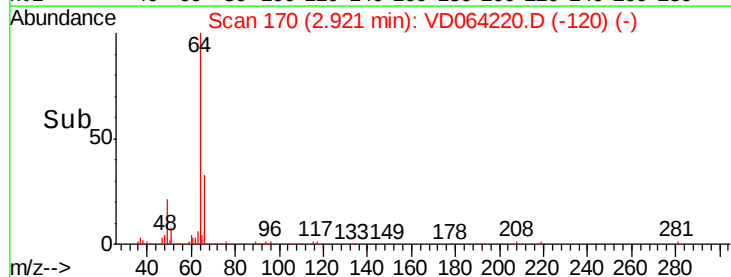
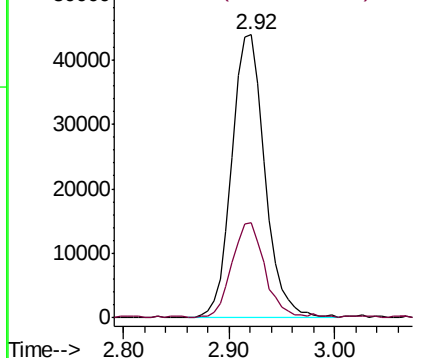
64 100

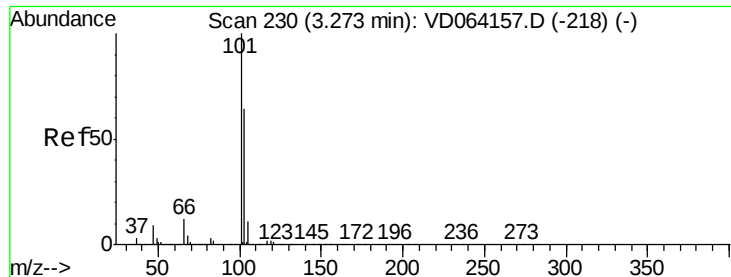
66 33.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



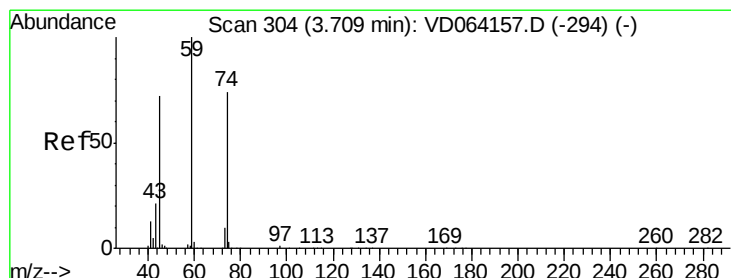
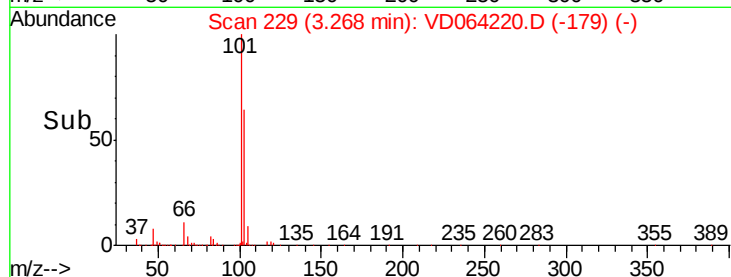
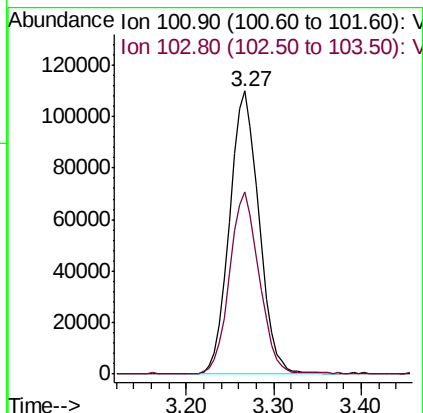
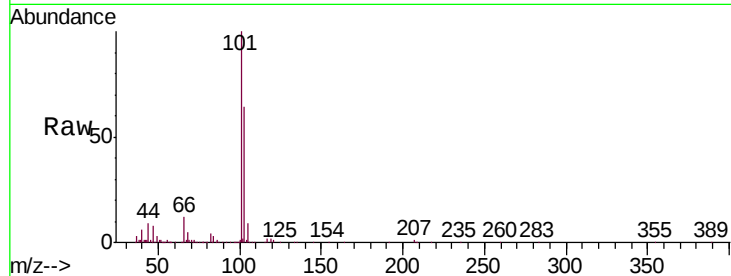


#7

Trichlorofluoromethane
 Concen: 24.240 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Instrument :
 MSVOA_D
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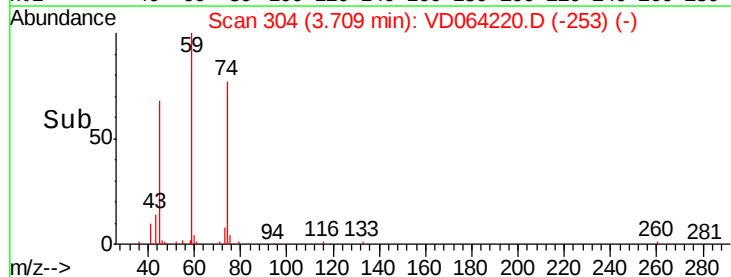
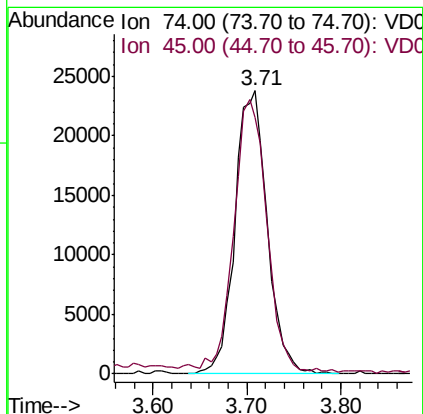
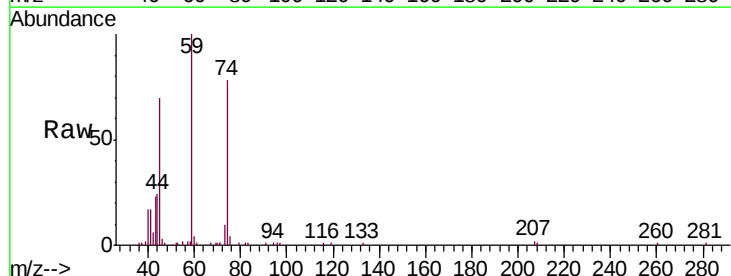
Tgt Ion:101 Resp: 251128
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.8 76.2

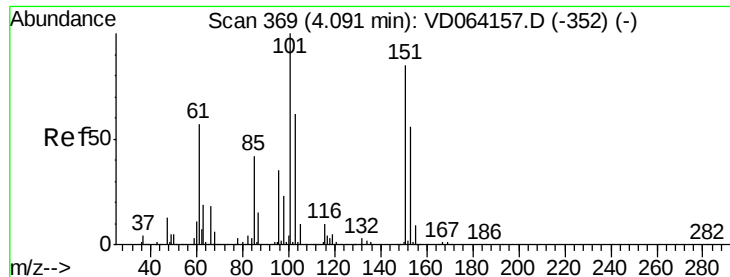


#8

Diethyl Ether
 Concen: 19.875 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 74 Resp: 56616
 Ion Ratio Lower Upper
 74 100
 45 96.1 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.912 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBSD01

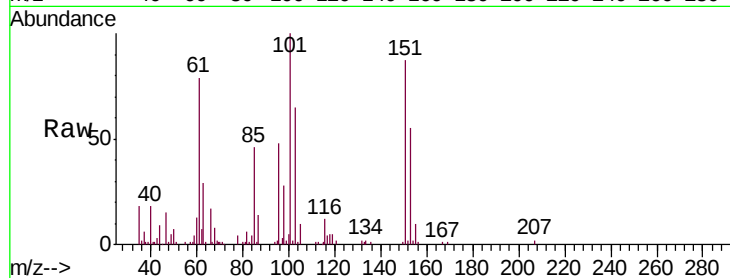
Tgt Ion:101 Resp: 117905

Ion Ratio Lower Upper

101 100

85 46.4 34.4 51.6

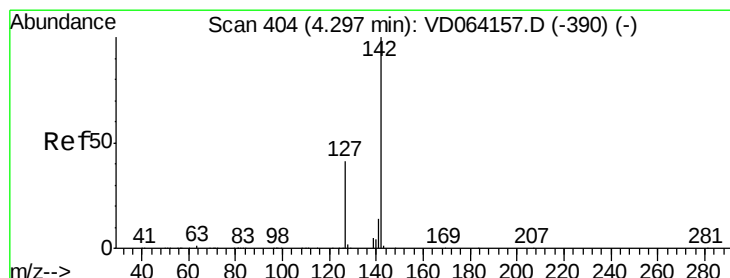
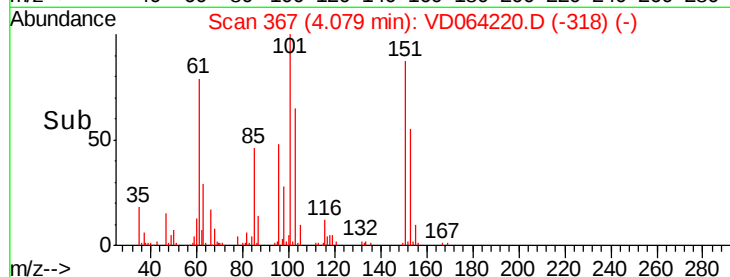
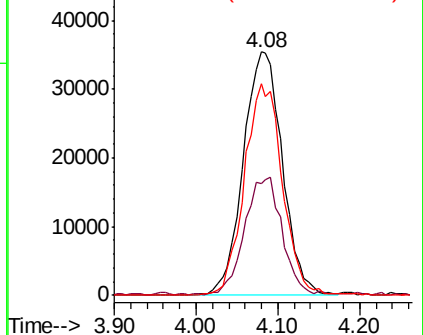
151 84.6 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VD

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.893 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

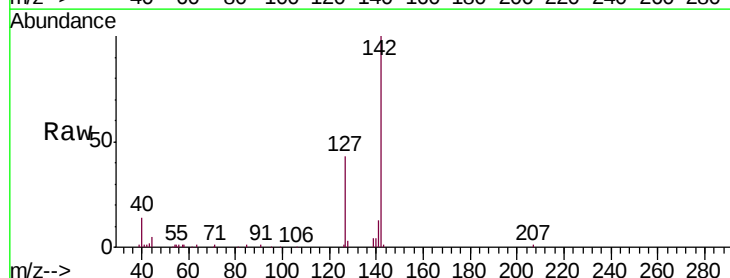
Tgt Ion:142 Resp: 118803

Ion Ratio Lower Upper

142 100

127 43.9 34.4 51.6

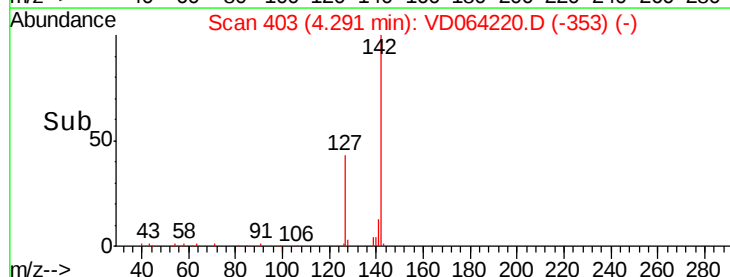
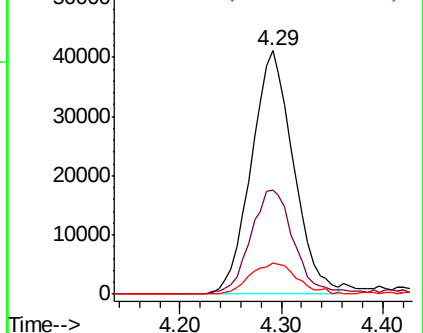
141 14.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



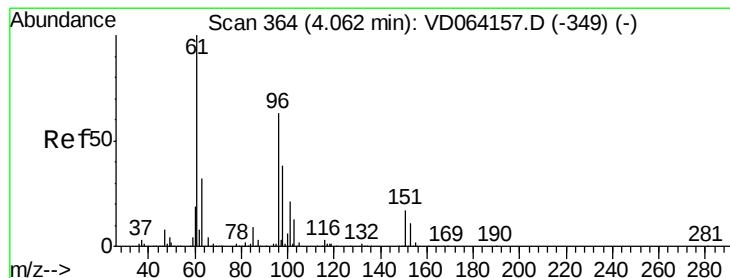
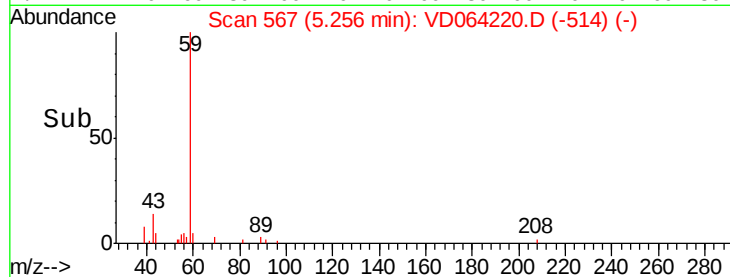
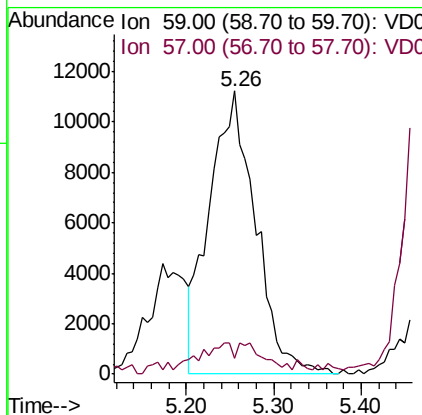
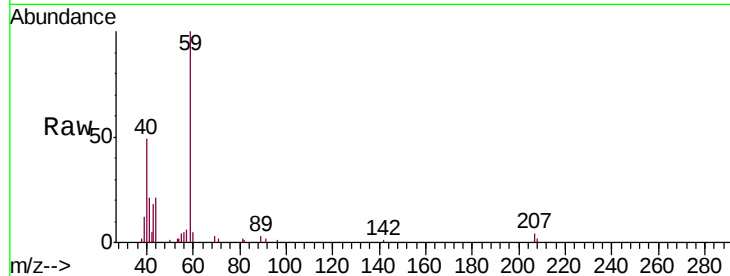


#11

Tert butyl alcohol
 Concen: 106.053 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

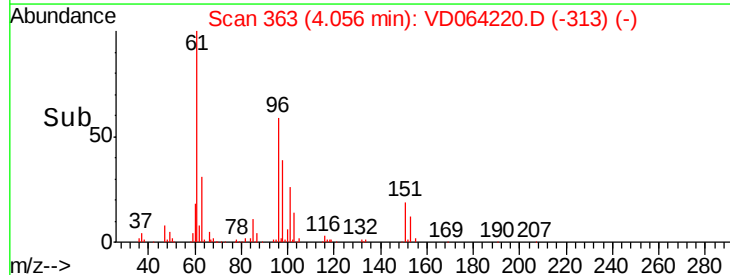
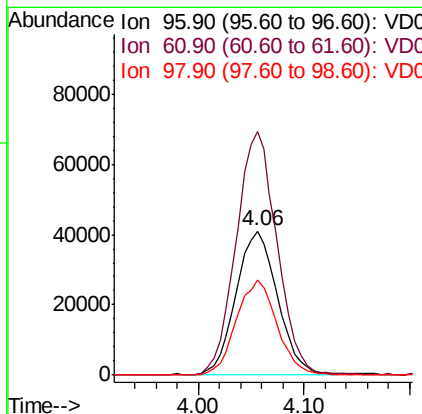
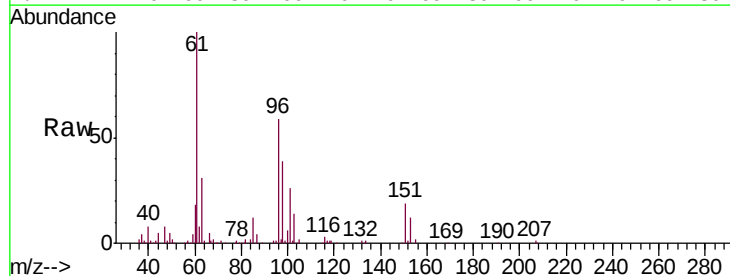
Tgt Ion: 59 Resp: 40920
 Ion Ratio Lower Upper
 59 100
 57 6.4 9.4 14.2#

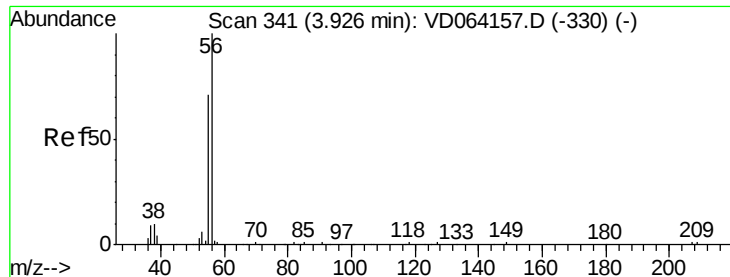


#12

1,1-Dichloroethene
 Concen: 19.916 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 96 Resp: 112405
 Ion Ratio Lower Upper
 96 100
 61 168.3 127.4 191.2
 98 66.1 48.1 72.1





#13

Acrolein

Concen: 83.510 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

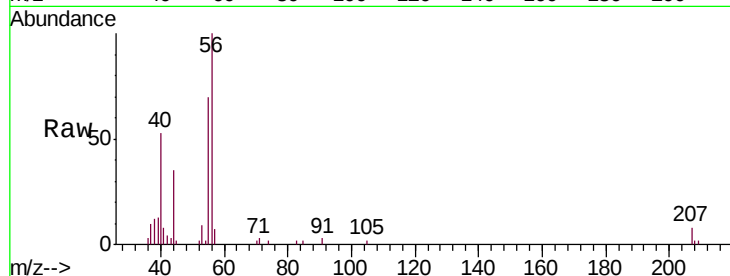
VD1115SBSD01

Tgt Ion: 56 Resp: 27259

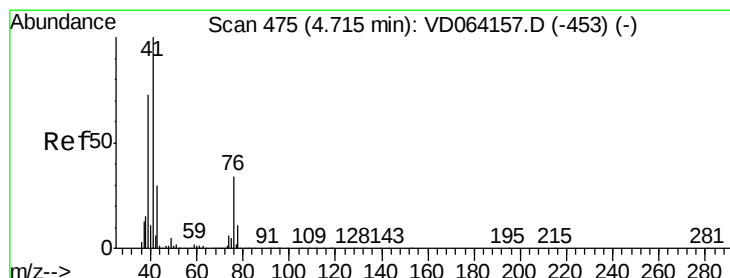
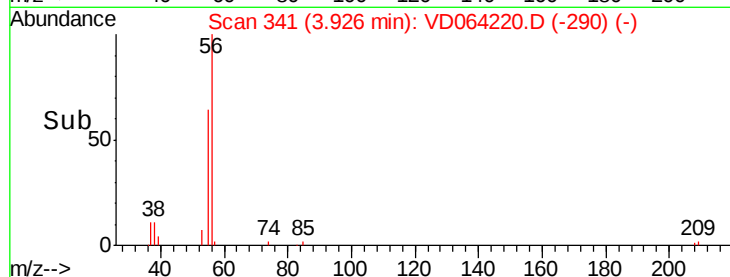
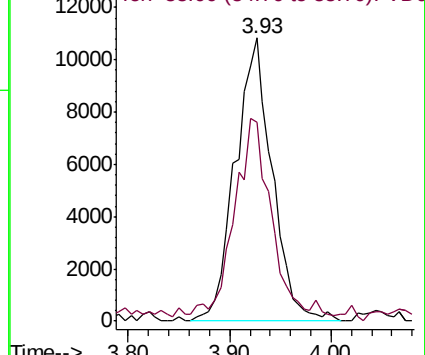
Ion Ratio Lower Upper

56 100

55 68.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.049 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

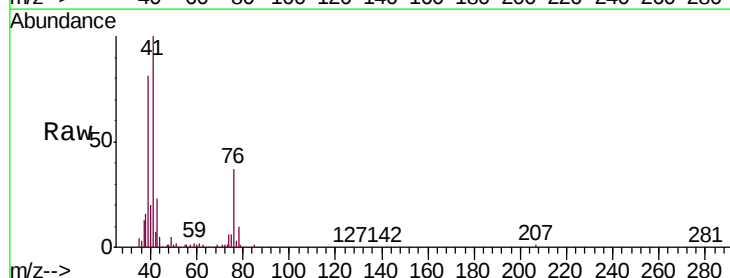
Tgt Ion: 41 Resp: 190097

Ion Ratio Lower Upper

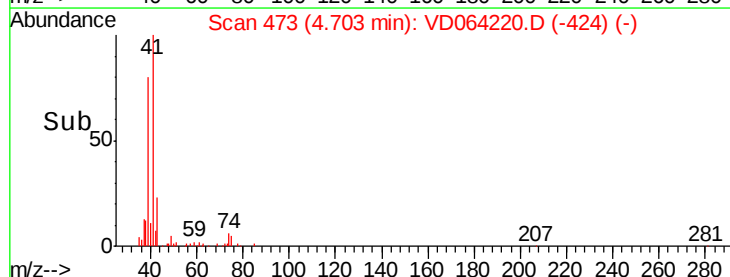
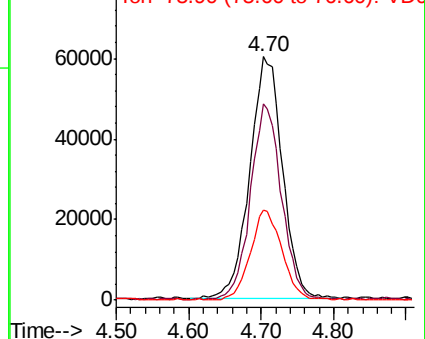
41 100

39 75.7 57.5 86.3

76 35.8 26.8 40.2



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





#15

Acrylonitrile

Concen: 105.275 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

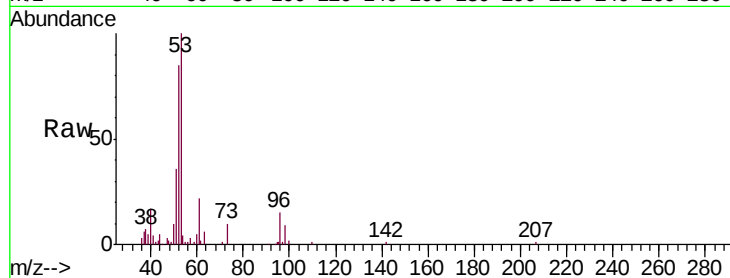
Tgt Ion: 53 Resp: 127845

Ion Ratio Lower Upper

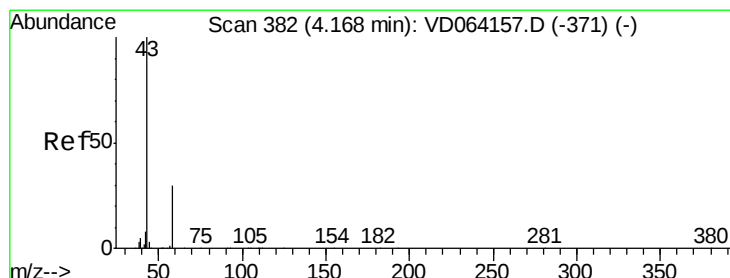
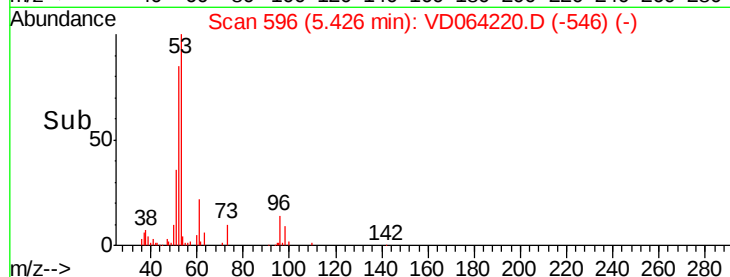
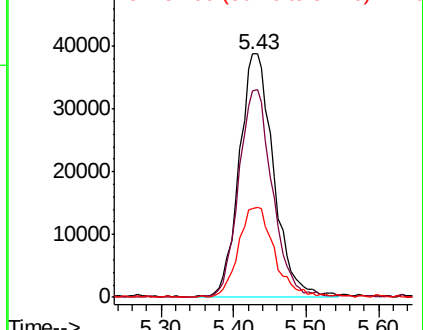
53 100

52 83.4 66.7 100.1

51 38.8 30.6 46.0



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



#16

Acetone

Concen: 80.877 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064220.D

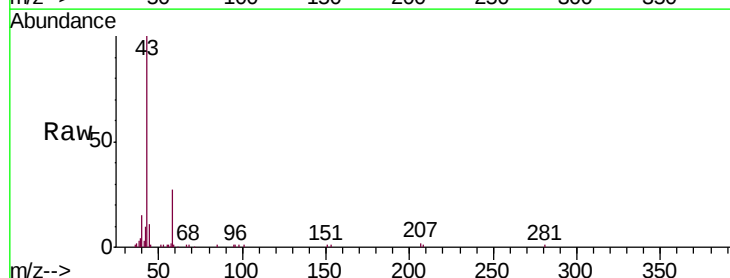
Acq: 15 Nov 2019 11:45

Tgt Ion: 43 Resp: 105844

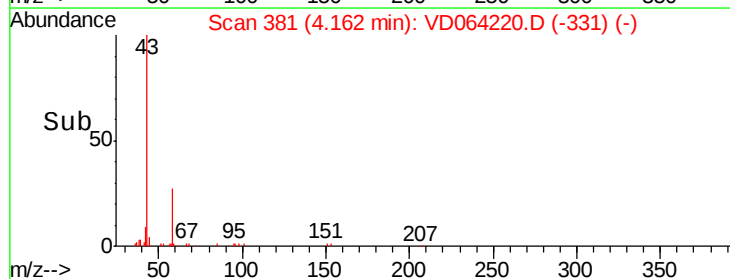
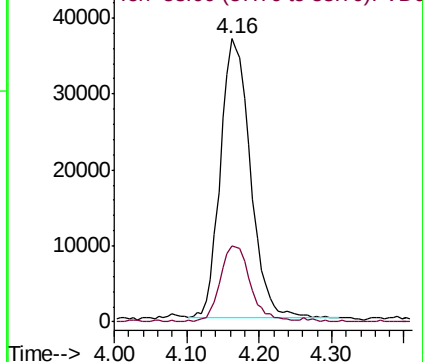
Ion Ratio Lower Upper

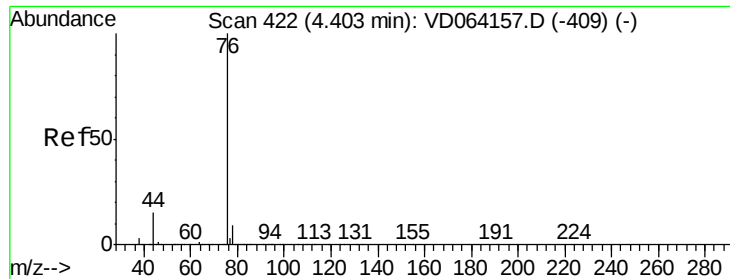
43 100

58 27.1 24.1 36.1



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

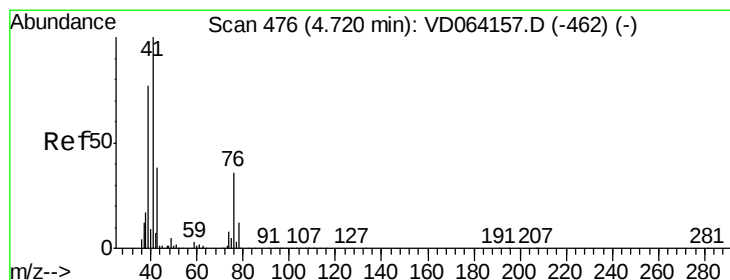
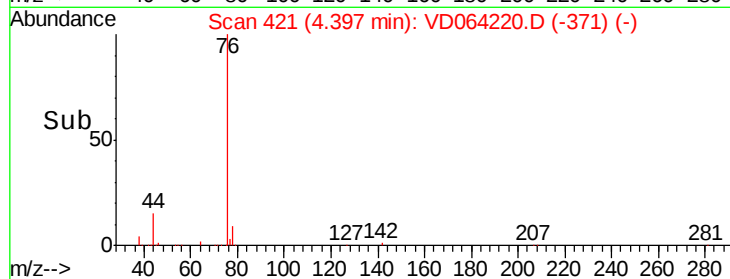
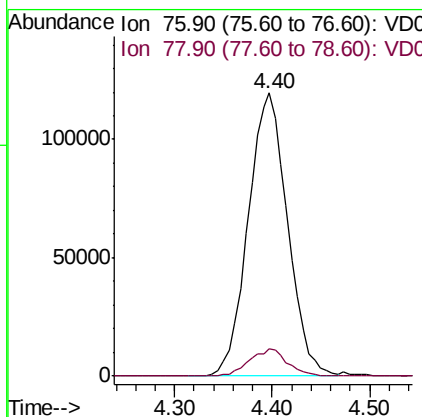
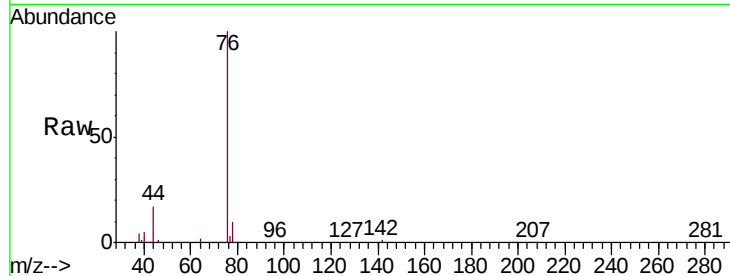




#17
Carbon Disulfide
Concen: 19.136 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

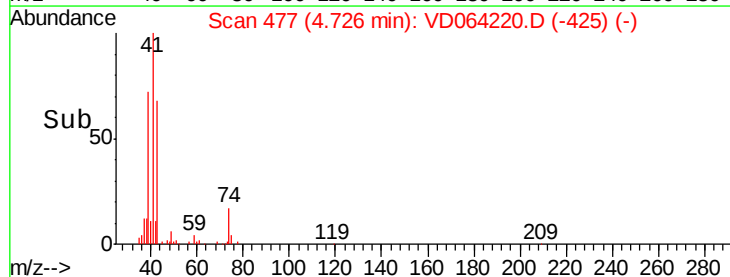
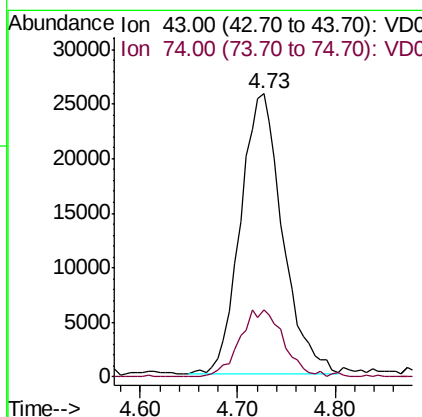
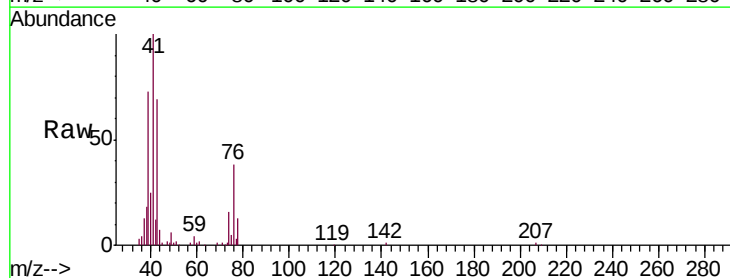
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

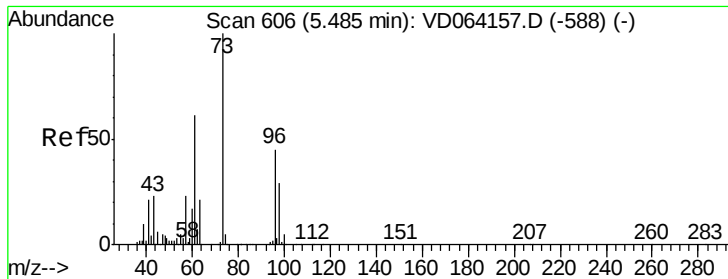
Tgt Ion: 76 Resp: 336356
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 21.001 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 43 Resp: 76765
Ion Ratio Lower Upper
43 100
74 25.1 18.4 27.6

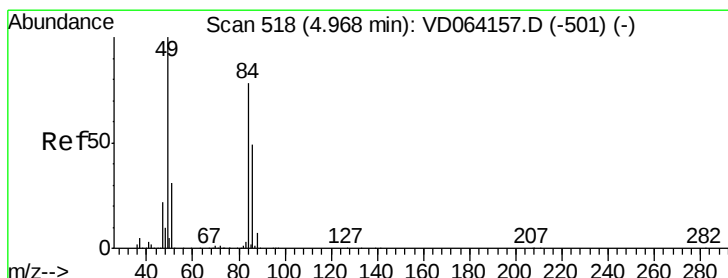
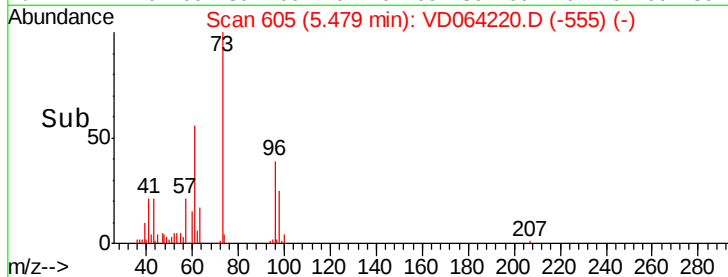
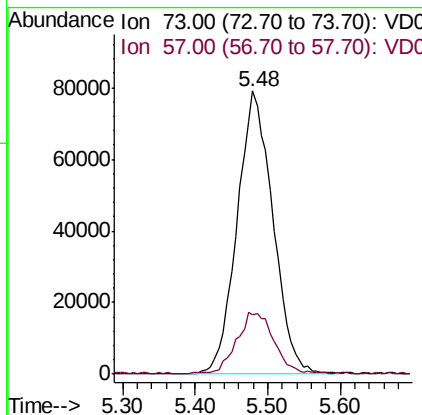
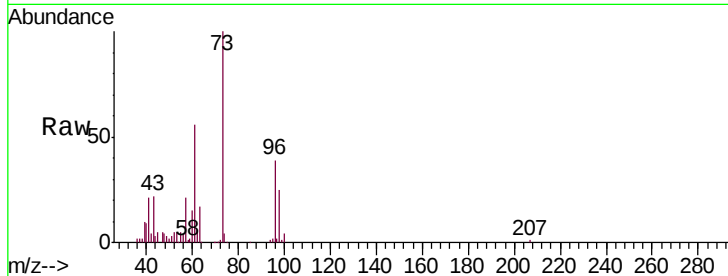




#19
Methyl tert-butyl Ether
Concen: 20.071 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

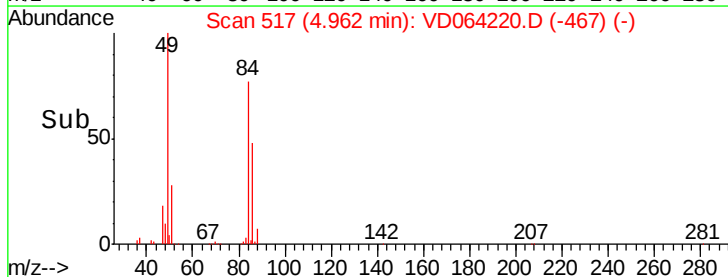
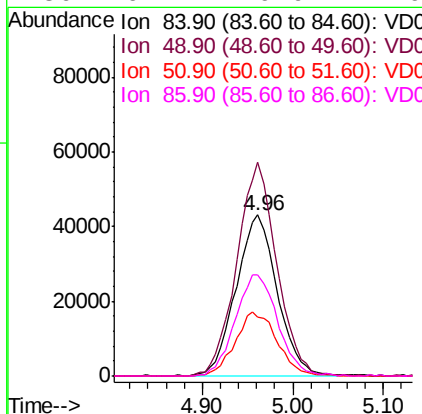
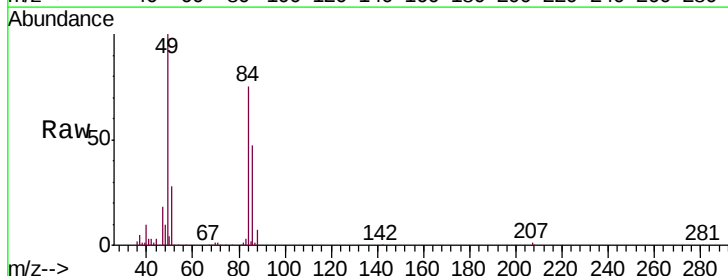
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

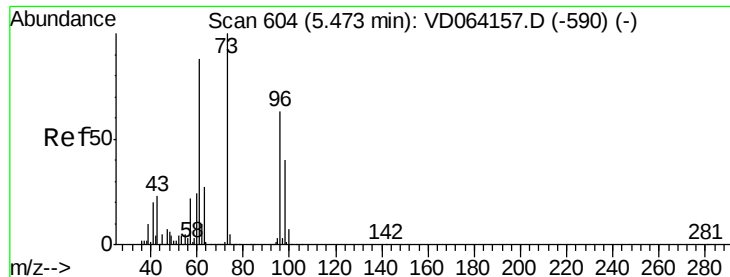
Tgt Ion: 73 Resp: 270436
Ion Ratio Lower Upper
73 100
57 20.8 18.4 27.6



#20
Methylene Chloride
Concen: 20.531 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 84 Resp: 135726
Ion Ratio Lower Upper
84 100
49 132.5 102.1 153.1
51 36.7 32.2 48.2
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.847 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

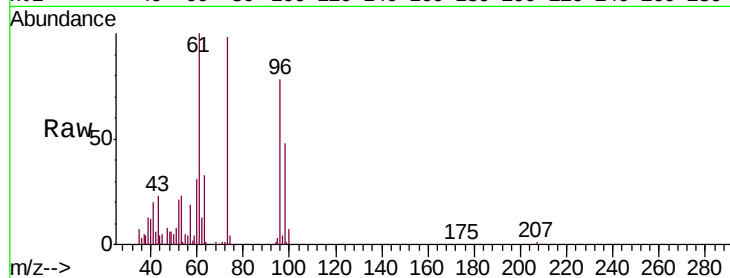
Tgt Ion: 96 Resp: 126910

Ion Ratio Lower Upper

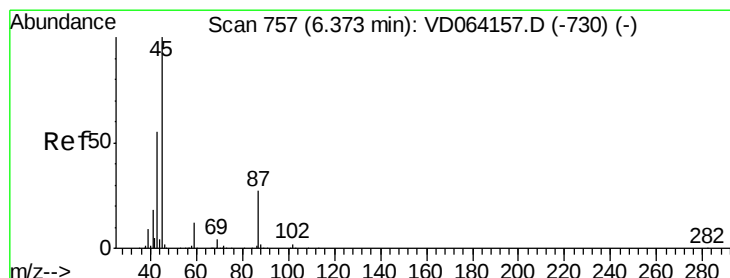
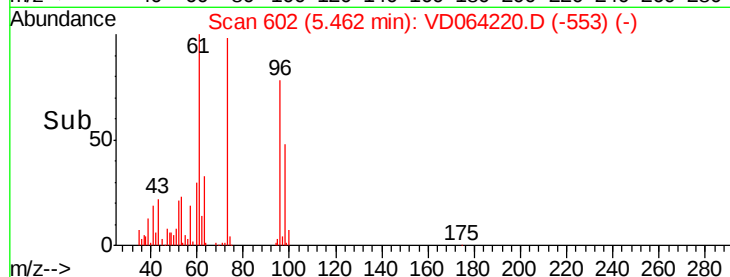
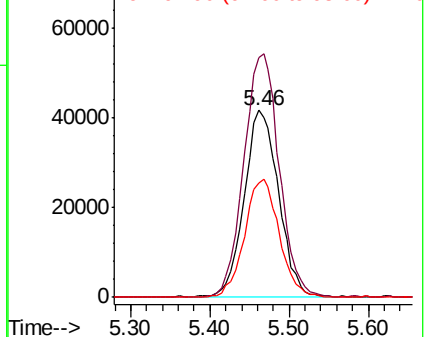
96 100

61 128.0 111.8 167.6

98 61.0 50.3 75.5



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



#22

Diisopropyl ether

Concen: 19.473 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Tgt Ion: 45 Resp: 360554

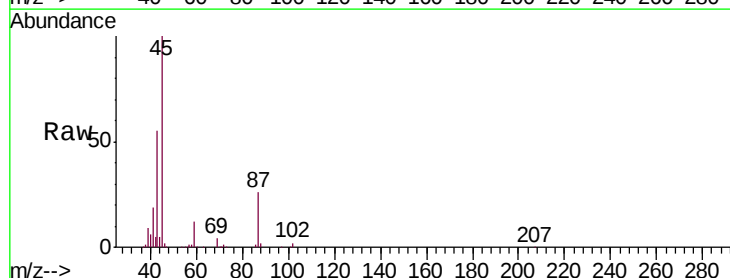
Ion Ratio Lower Upper

45 100

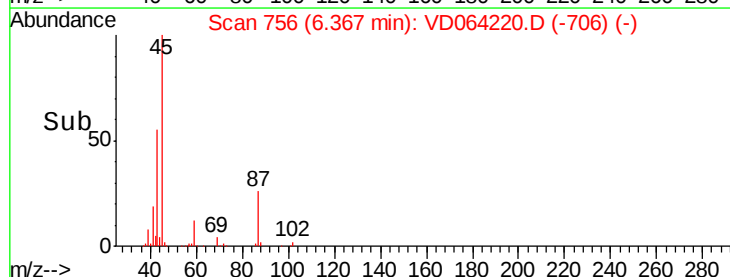
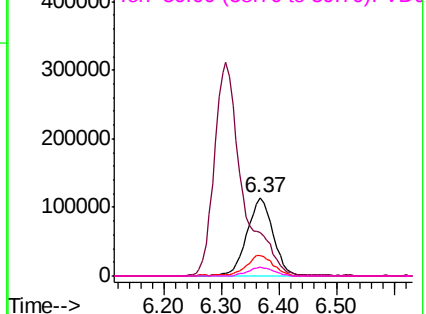
43 54.3 44.4 66.6

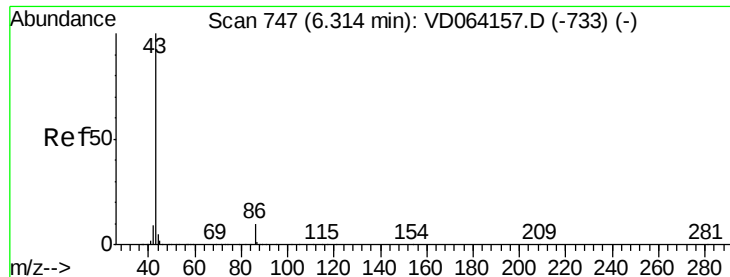
87 25.9 21.9 32.9

59 11.6 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

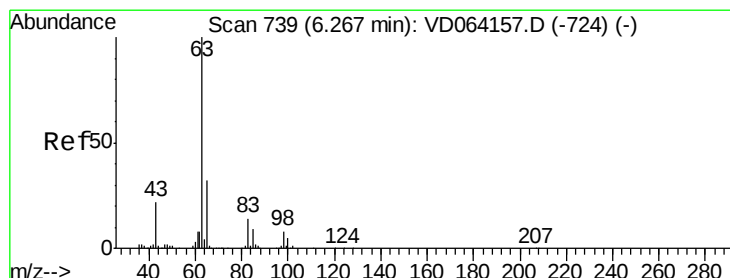
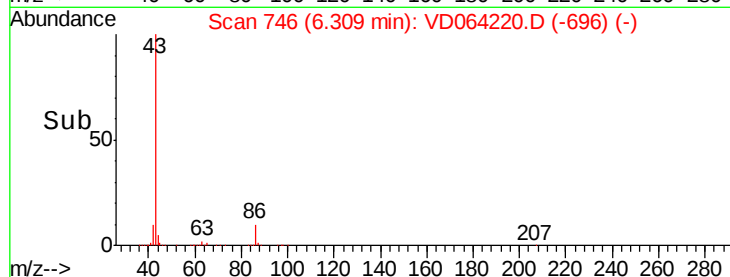
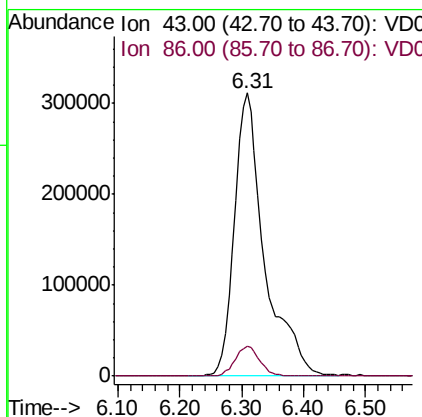
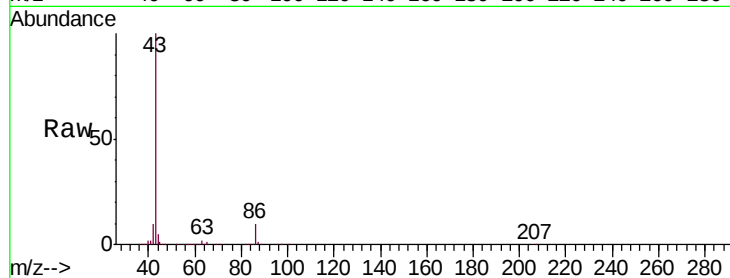




#23
 Vinyl Acetate
 Concen: 102.178 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

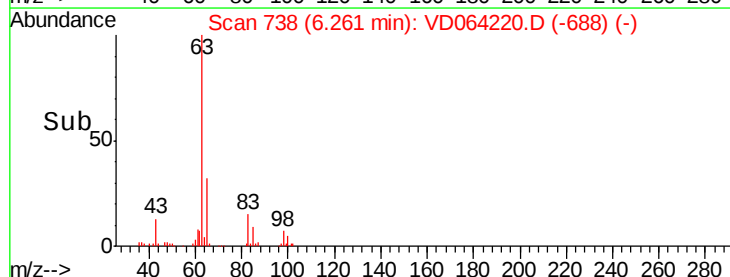
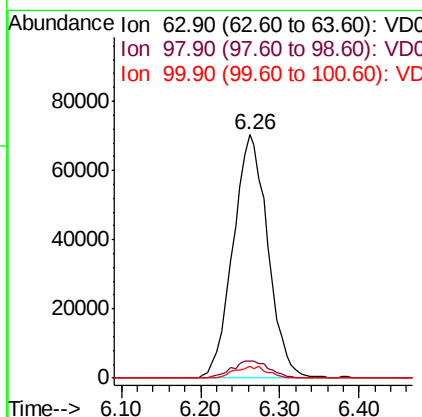
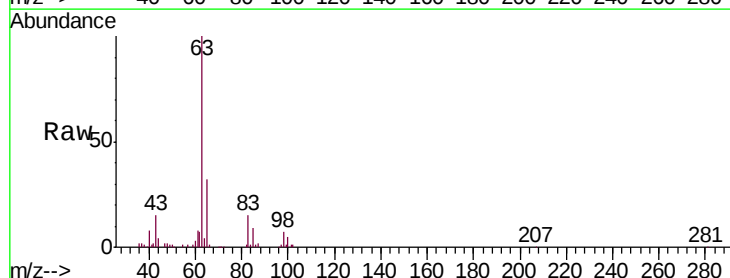
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

Tgt Ion: 43 Resp: 1054590
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.876 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 63 Resp: 213687
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.052 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

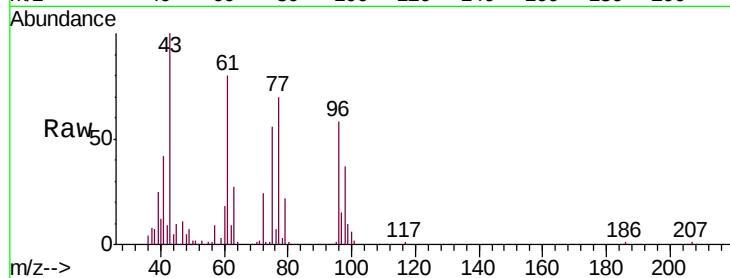
VD1115SBS01

Tgt Ion: 43 Resp: 167475

Ion Ratio Lower Upper

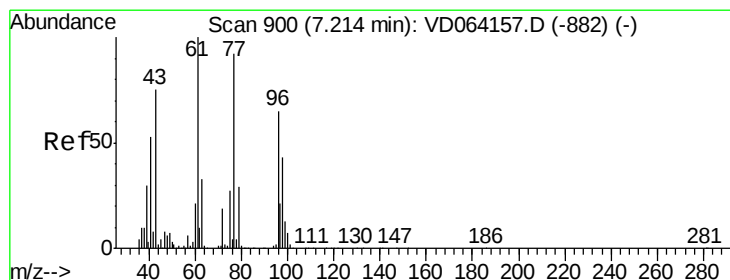
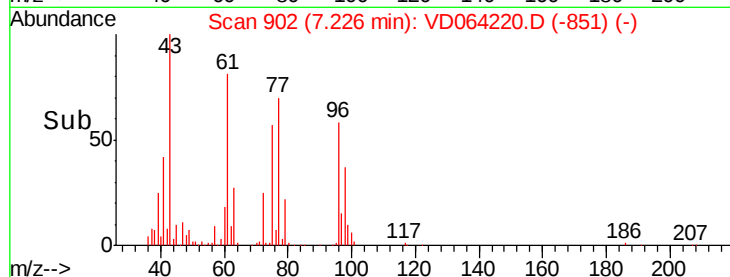
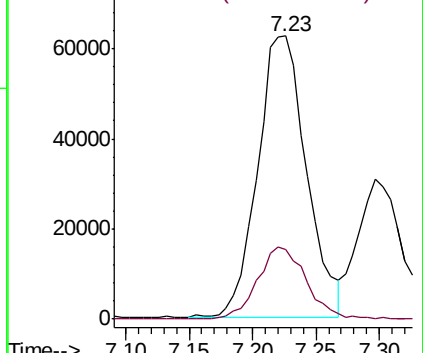
43 100

72 24.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.697 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064220.D

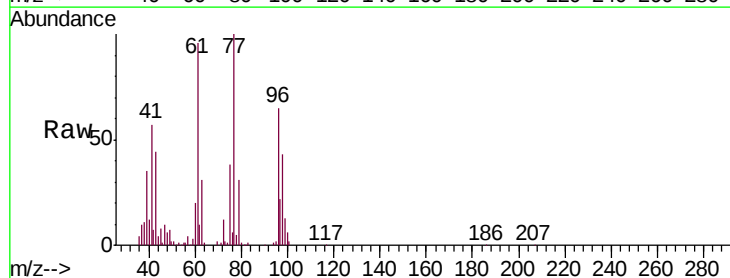
Acq: 15 Nov 2019 11:45

Tgt Ion: 77 Resp: 207669

Ion Ratio Lower Upper

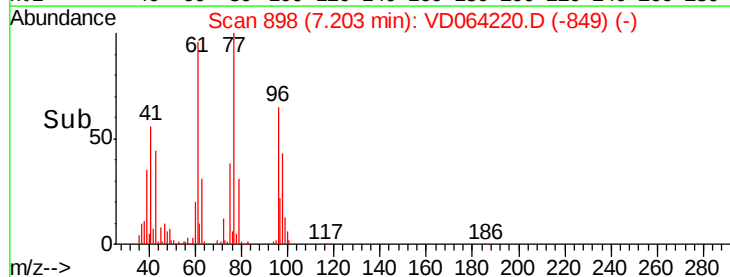
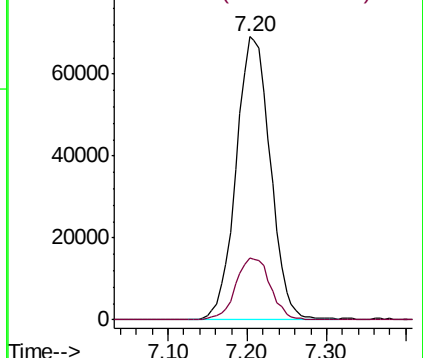
77 100

97 22.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



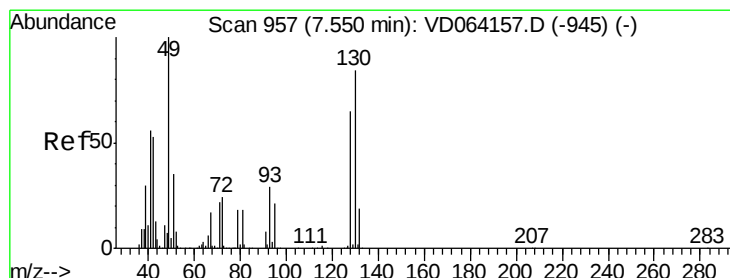
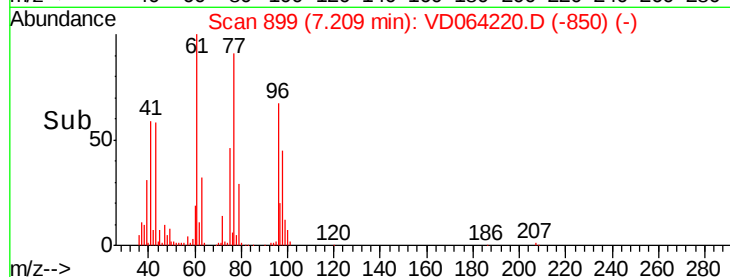
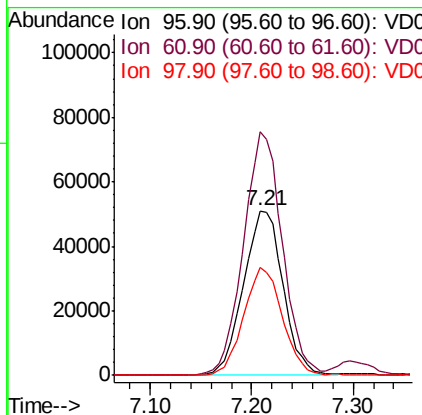
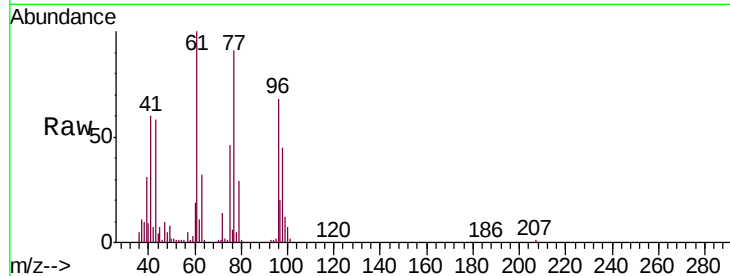


#27

cis-1,2-Dichloroethene
 Concen: 20.302 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

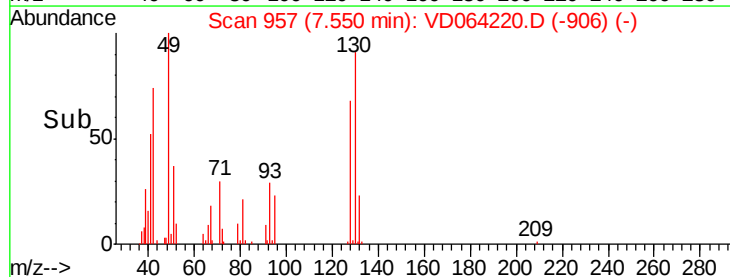
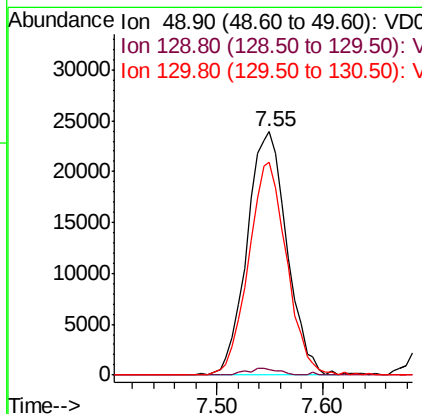
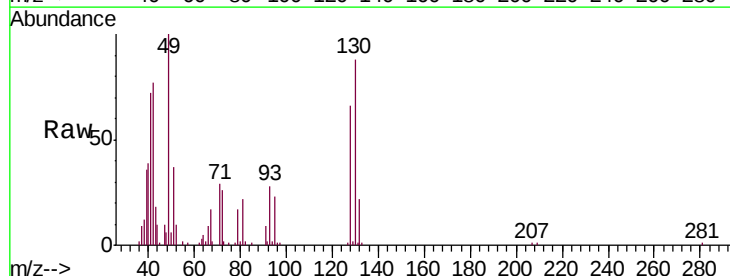
Tgt Ion: 96 Resp: 139220
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 301.4
 98 64.2 0.0 133.2

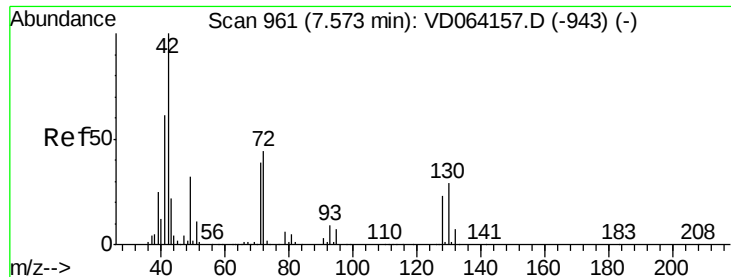


#28

Bromochloromethane
 Concen: 16.733 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 49 Resp: 62631
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 83.7 66.8 100.2

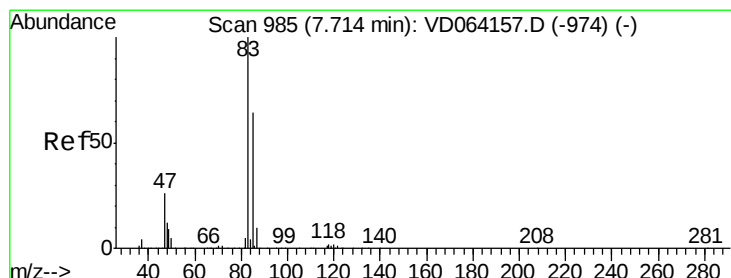
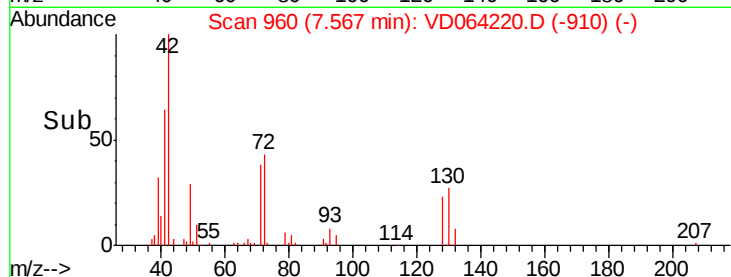
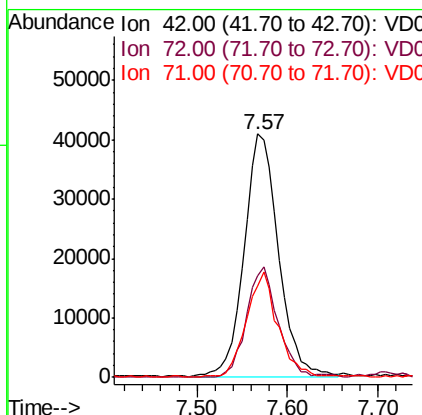
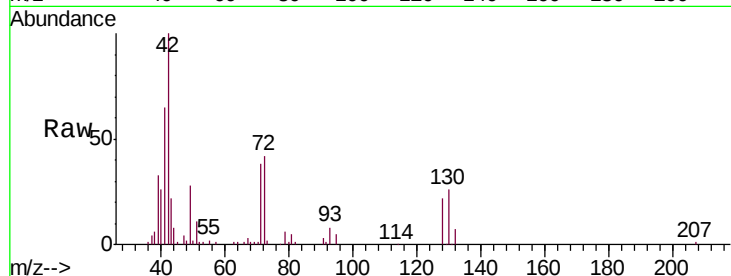




#29
Tetrahydrofuran
Concen: 106.860 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

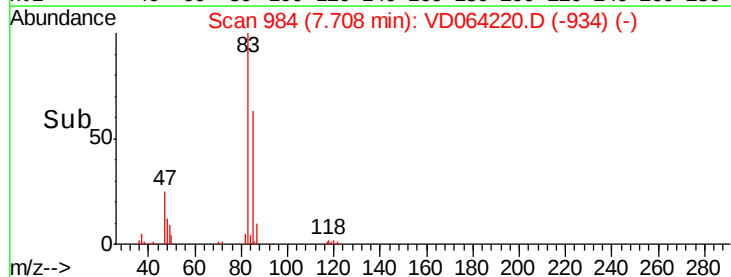
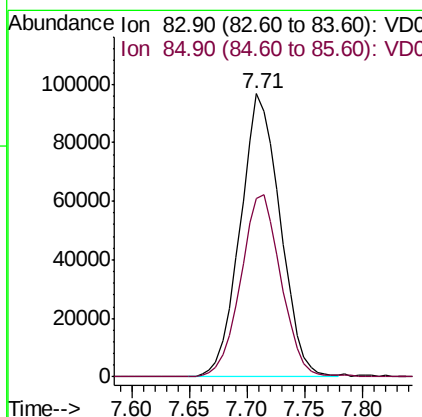
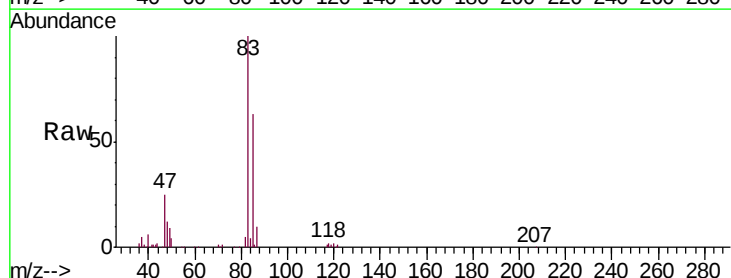
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

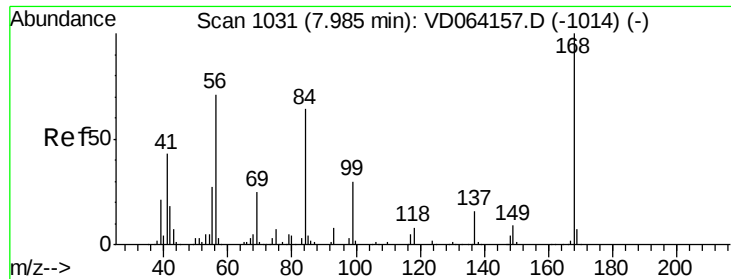
Tgt Ion: 42 Resp: 108554
Ion Ratio Lower Upper
42 100
72 41.2 33.4 50.2
71 39.6 31.0 46.4



#30
Chloroform
Concen: 21.133 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 83 Resp: 232394
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0

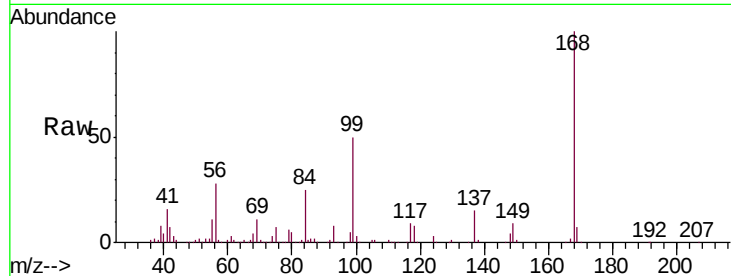




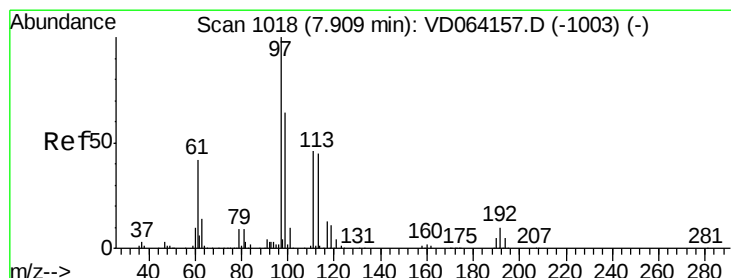
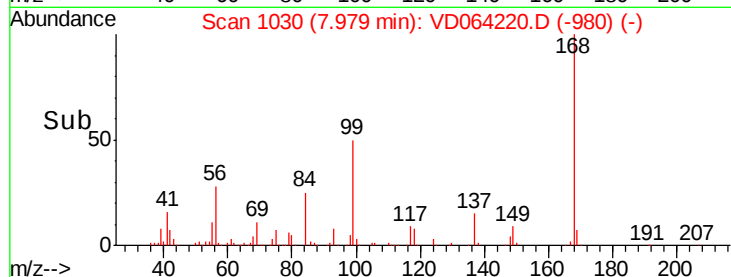
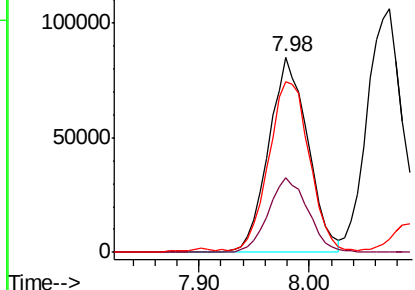
#31
Cyclohexane
Concen: 19.314 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 56 Resp: 209405
Ion Ratio Lower Upper
56 100
69 37.9 28.2 42.4
84 86.6 71.8 107.6

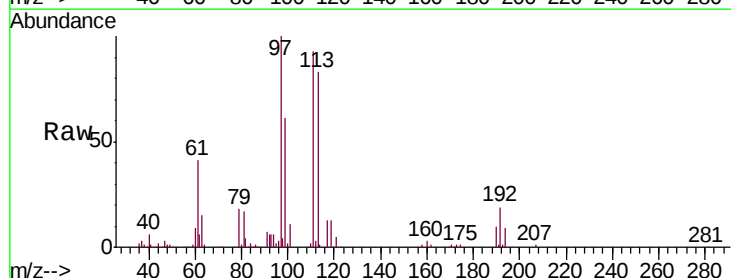


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

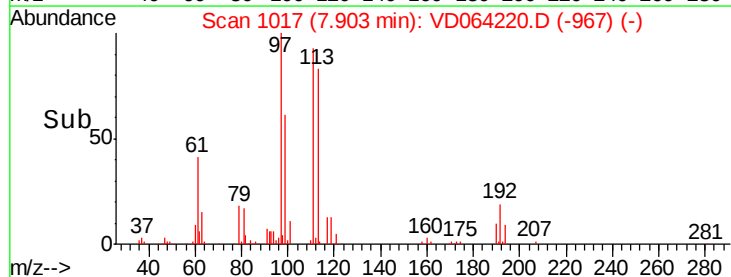
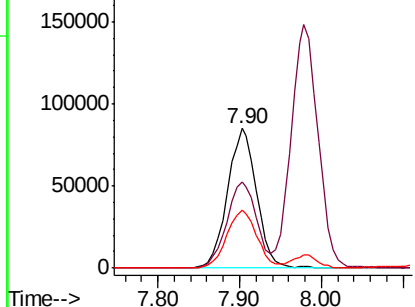


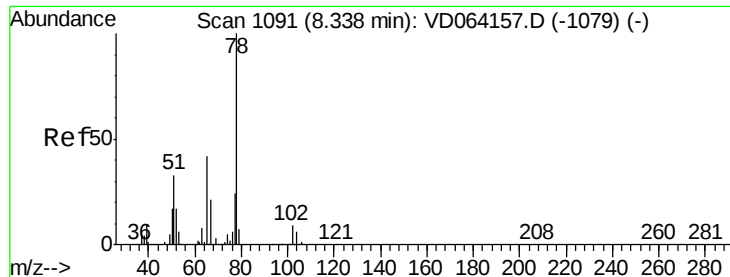
#32
1,1,1-Trichloroethane
Concen: 19.948 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 97 Resp: 210050
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 43.1 34.2 51.2



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

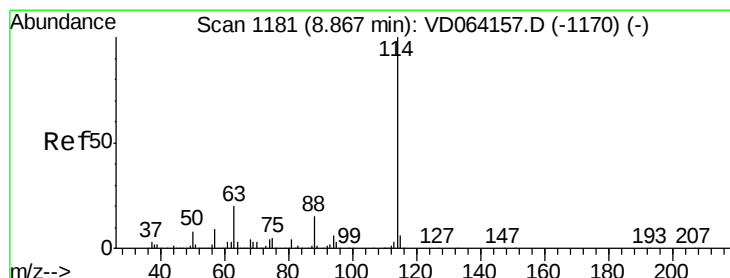
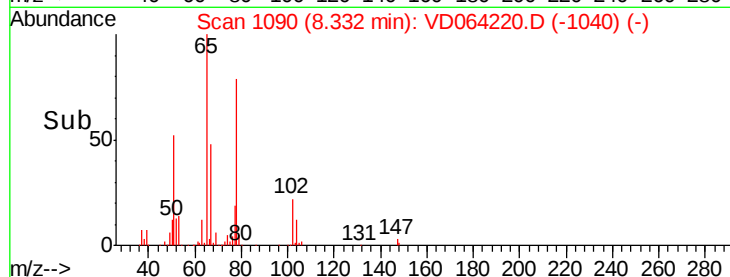
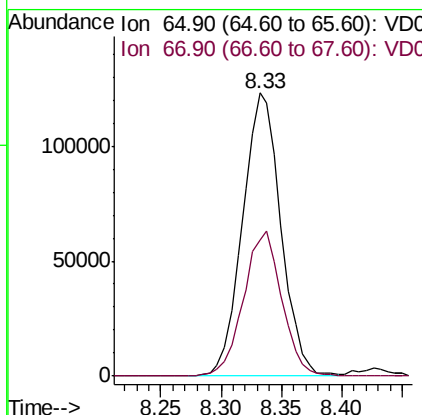
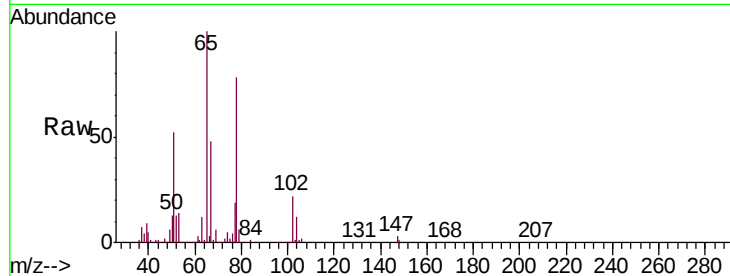




#33
 1,2-Dichloroethane-d4
 Concen: 49.073 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

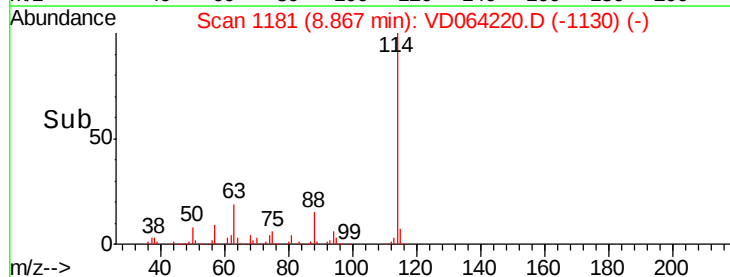
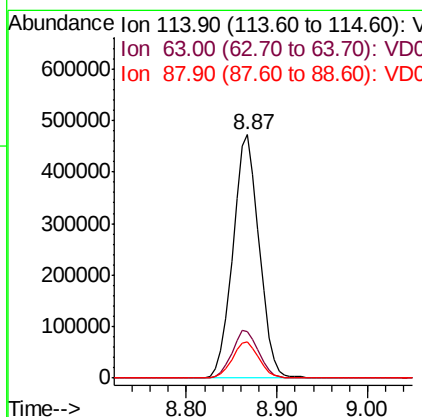
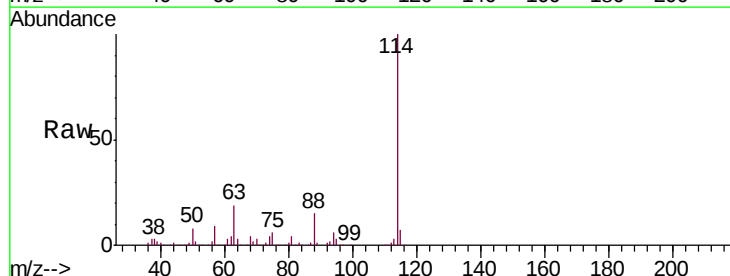
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

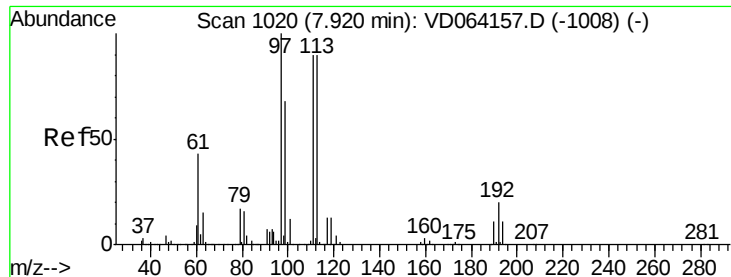
Tgt Ion: 65 Resp: 271092
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 114 Resp: 953123
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 14.9 0.0 30.2

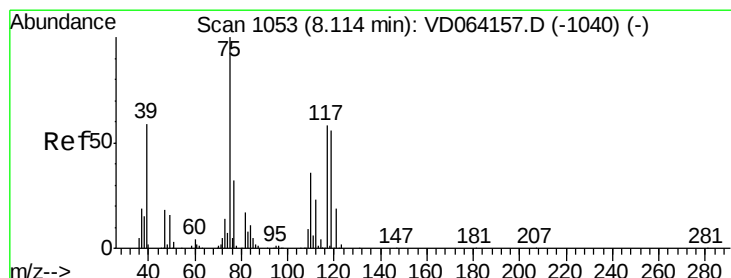
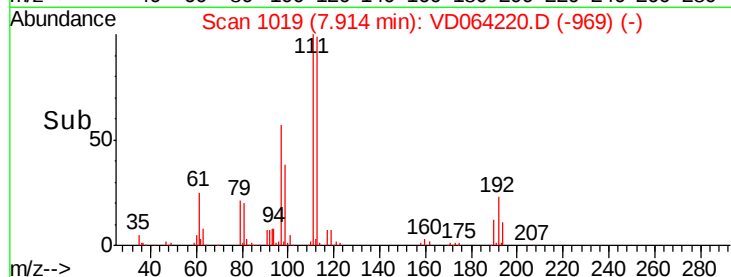
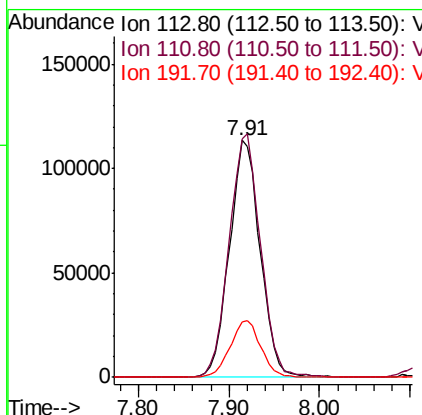
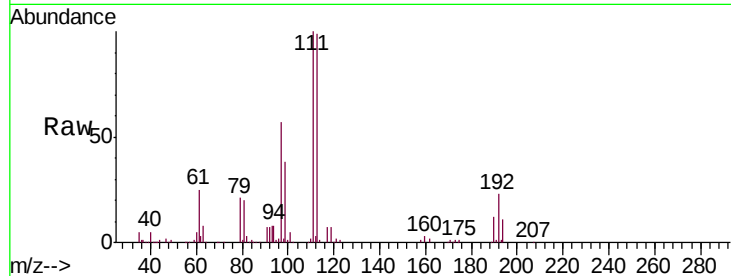




#35
 Dibromofluoromethane
 Concen: 48.975 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

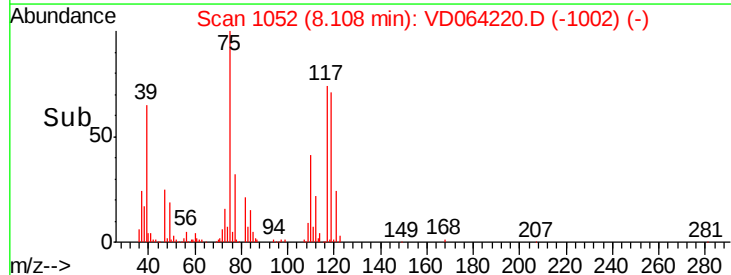
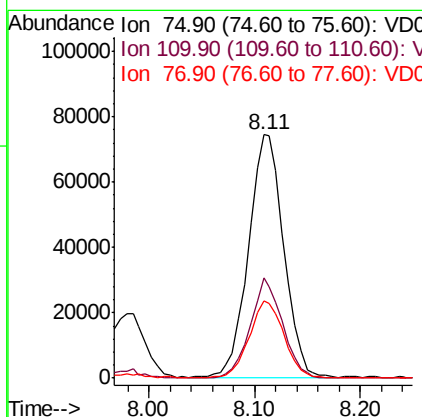
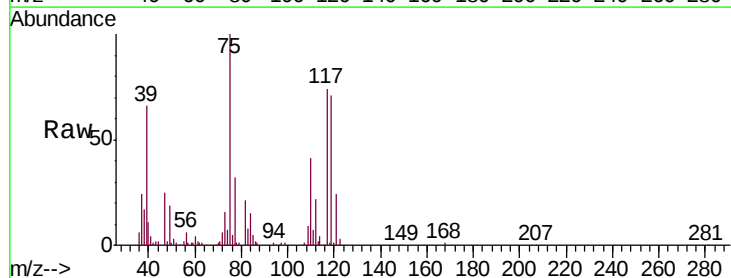
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

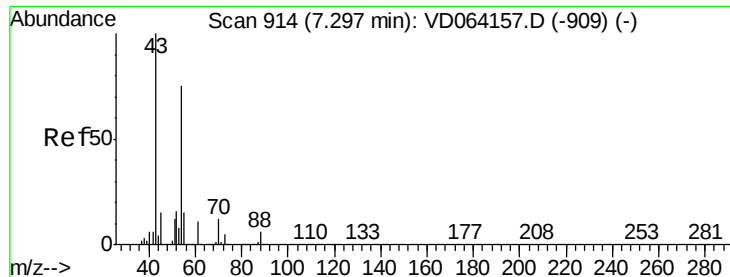
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.5	122.3
192	23.9	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 19.560 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.3	54.9
77	31.8	25.0	37.6

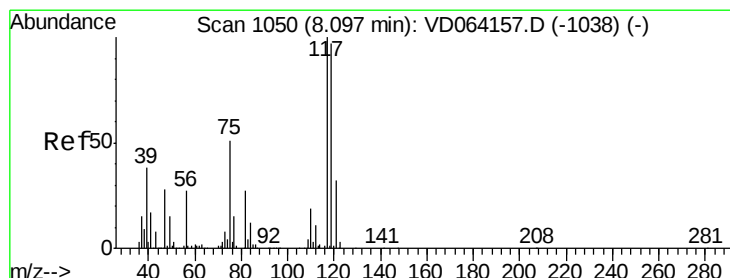
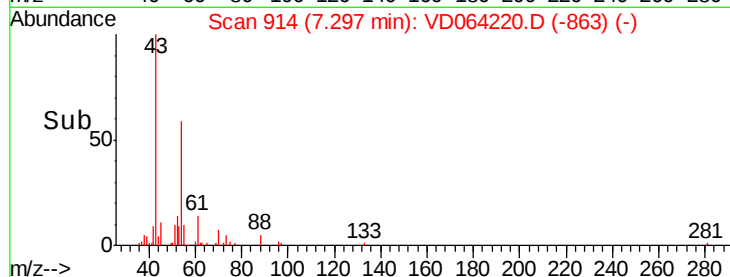
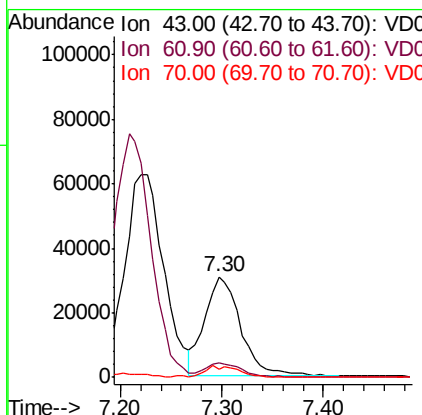
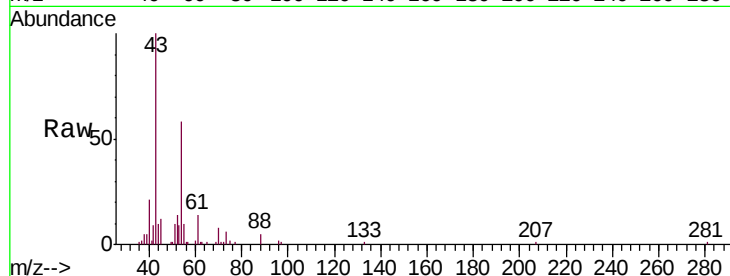




#37
Ethyl Acetate
Concen: 20.491 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

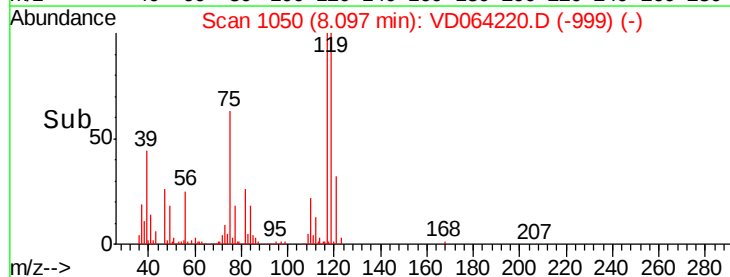
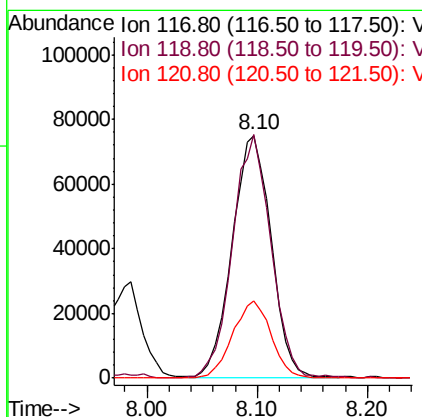
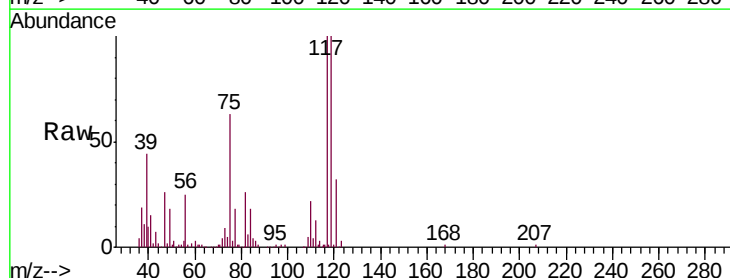
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

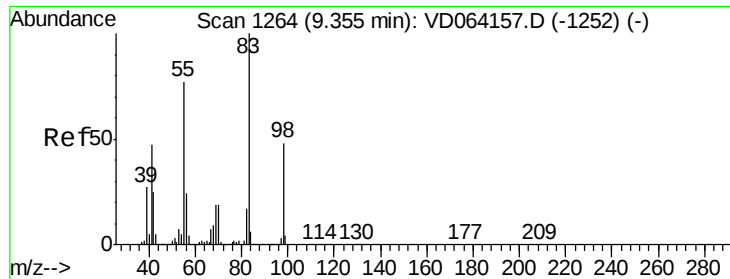
Tgt Ion: 43 Resp: 75989
Ion Ratio Lower Upper
43 100
61 14.7 10.2 15.2
70 4.4 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 19.680 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 117 Resp: 185238
Ion Ratio Lower Upper
117 100
119 100.3 77.2 115.8
121 31.9 25.5 38.3

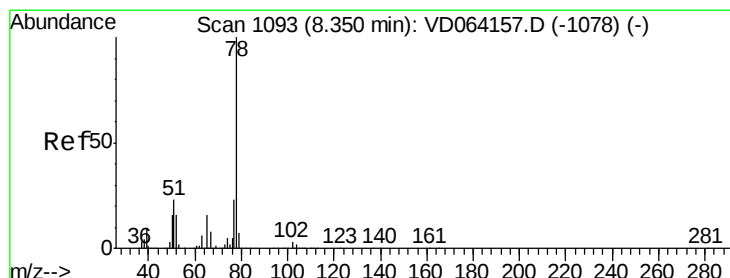
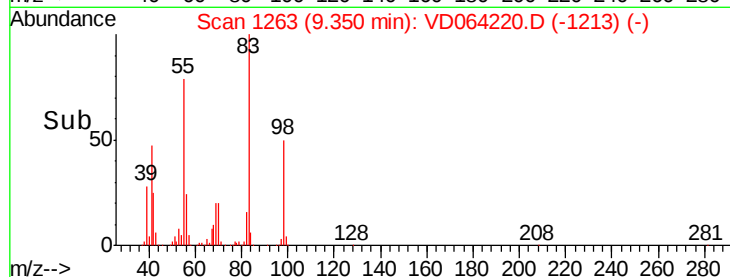
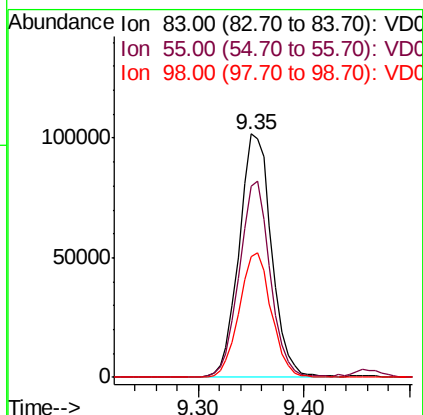
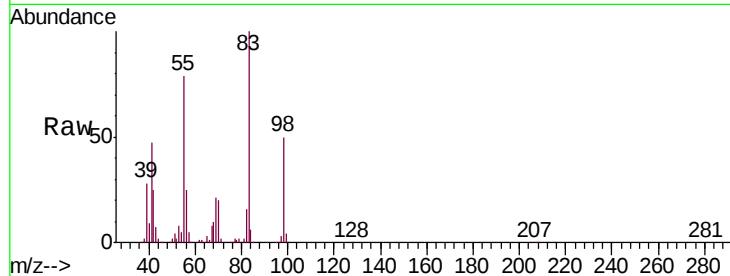




#39
Methylcyclohexane
Concen: 19.504 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

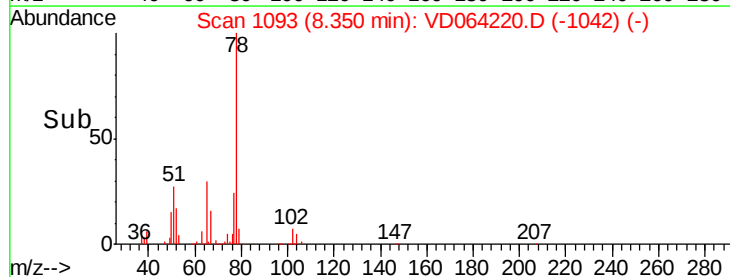
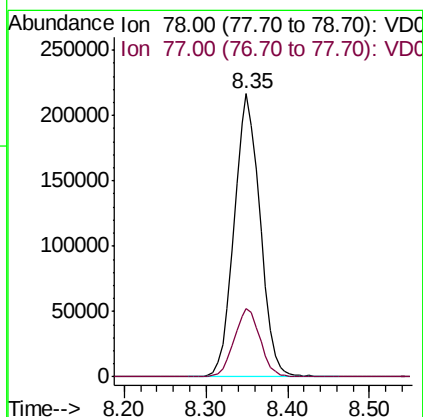
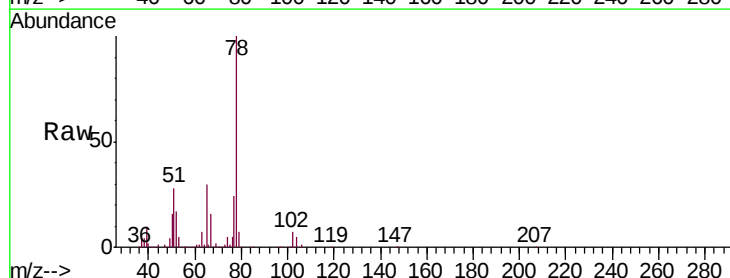
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 83 Resp: 217096
Ion Ratio Lower Upper
83 100
55 78.7 61.7 92.5
98 49.3 38.6 58.0



#40
Benzene
Concen: 19.853 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 78 Resp: 477281
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0

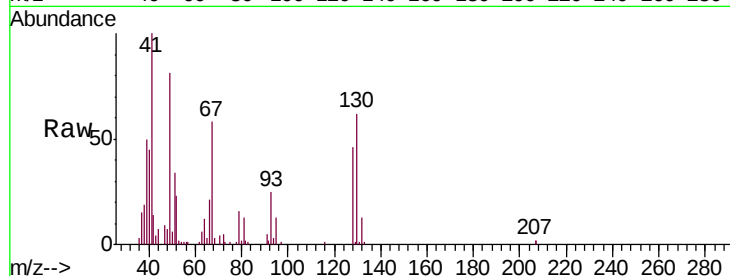




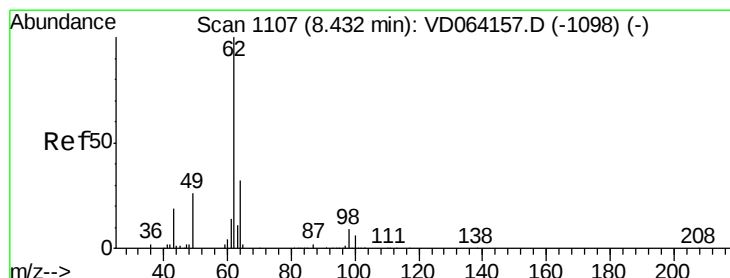
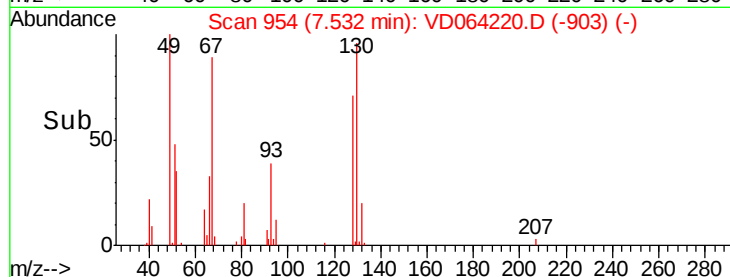
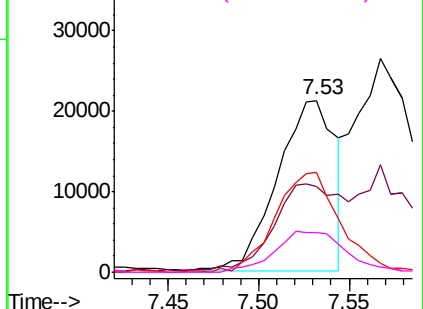
#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:	41	Resp:	46899
Ion	Ratio	Lower	Upper
41	100		
39	60.7	49.4	74.2
67	66.3	49.6	74.4
52	29.8	21.4	32.0

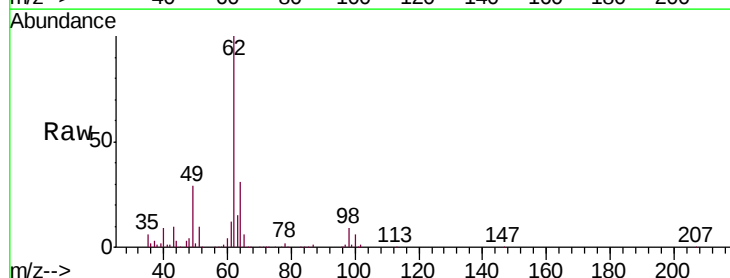


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

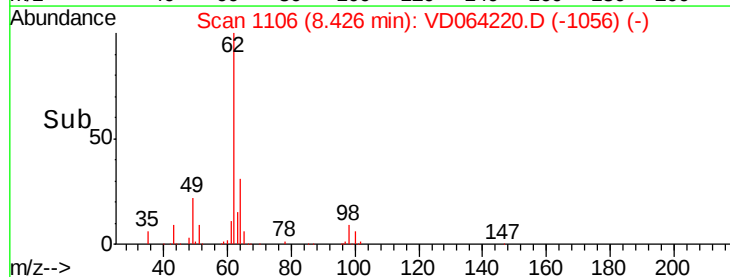
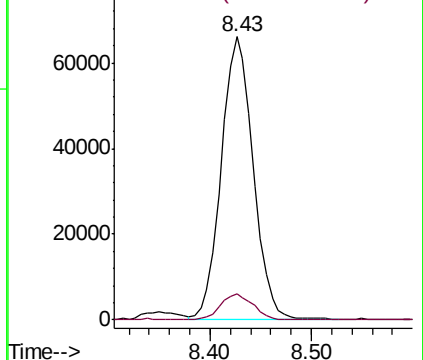


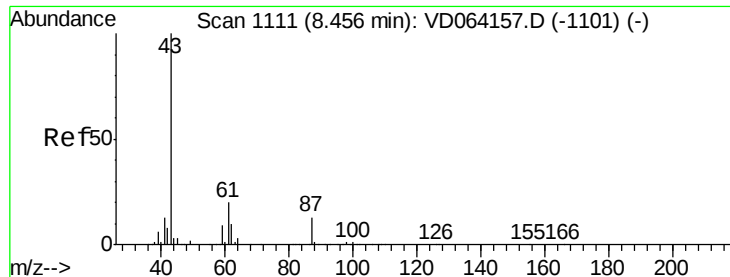
#42
1,2-Dichloroethane
Concen: 20.016 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion:	62	Resp:	144524
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 20.075 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

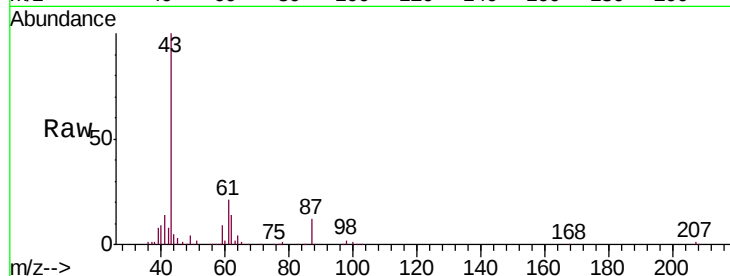
Tgt Ion: 43 Resp: 153387

Ion Ratio Lower Upper

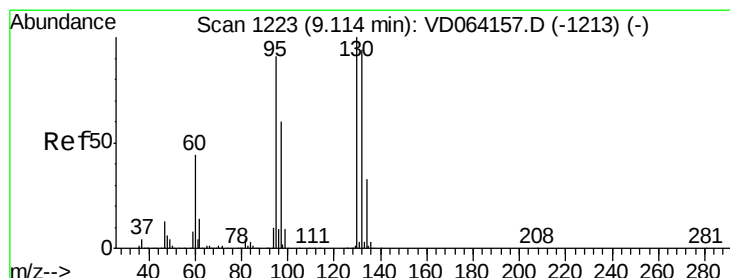
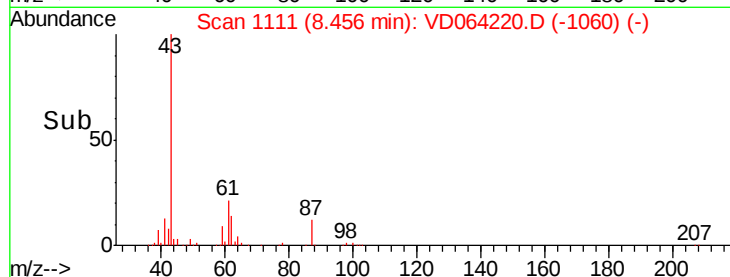
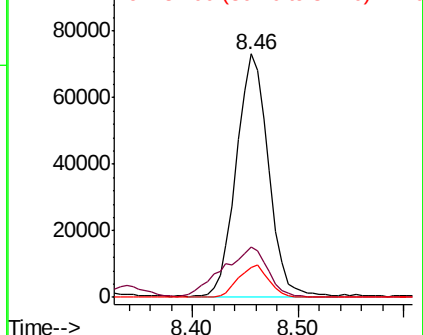
43 100

61 29.2 22.9 34.3

87 12.7 10.2 15.2



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: 19.751 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD064220.D

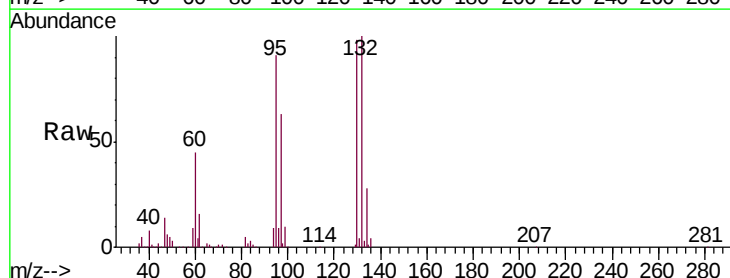
Acq: 15 Nov 2019 11:45

Tgt Ion: 130 Resp: 142514

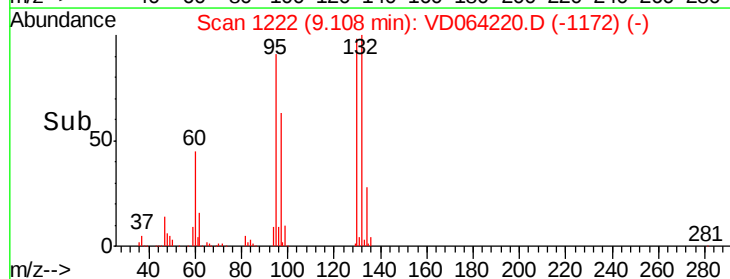
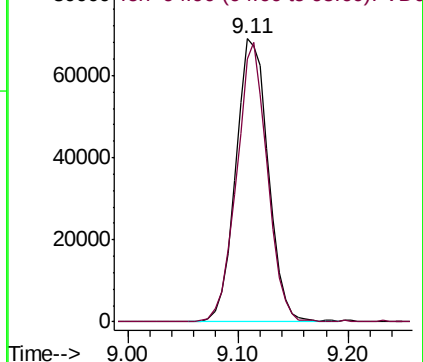
Ion Ratio Lower Upper

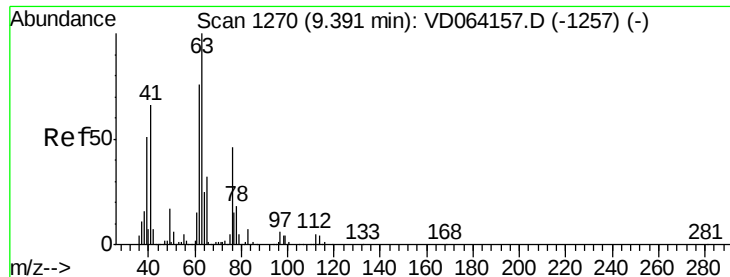
130 100

95 92.7 0.0 181.6



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

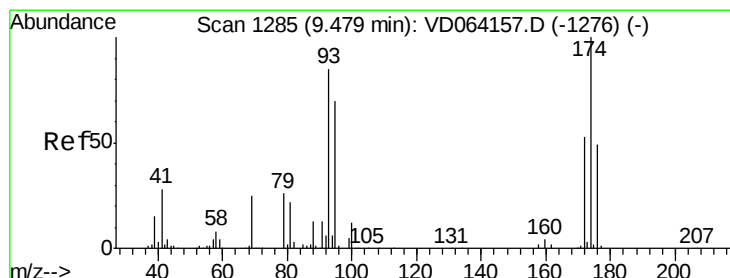
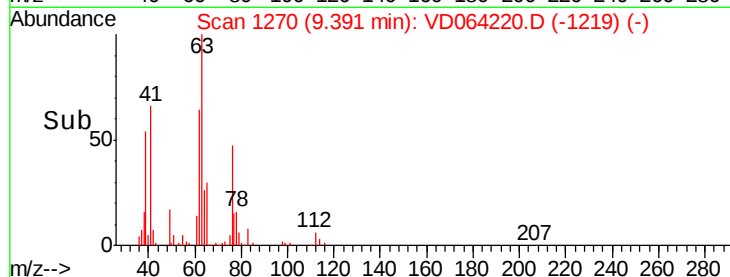
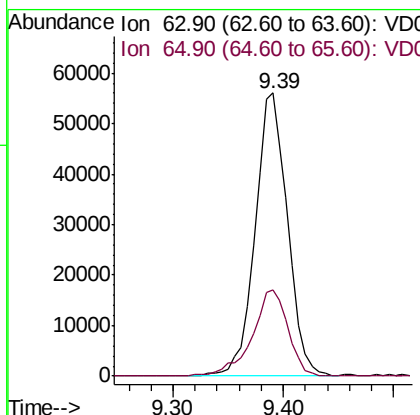
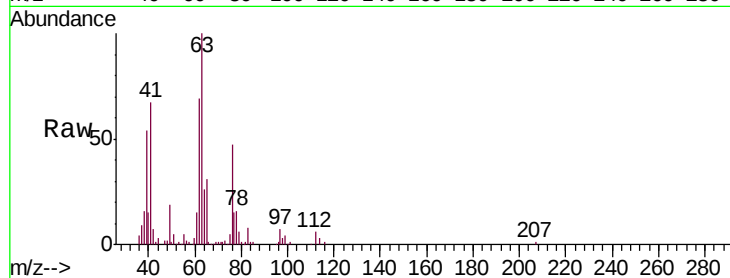




#45
 1,2-Dichloropropane
 Concen: 19.630 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

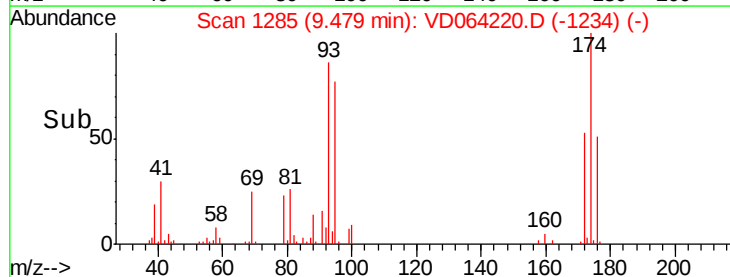
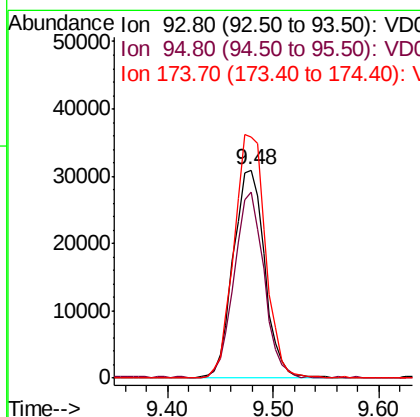
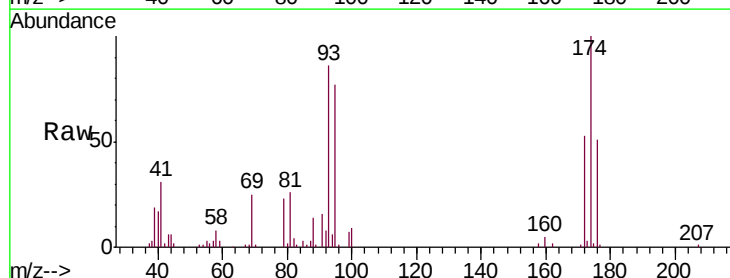
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

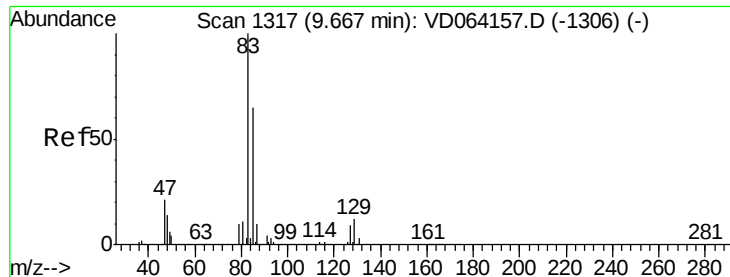
Tgt Ion: 63 Resp: 114863
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#46
 Dibromomethane
 Concen: 20.341 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 93 Resp: 63721
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.5 98.3
 174 117.2 93.9 140.9





#47

Bromodichloromethane

Concen: 19.933 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

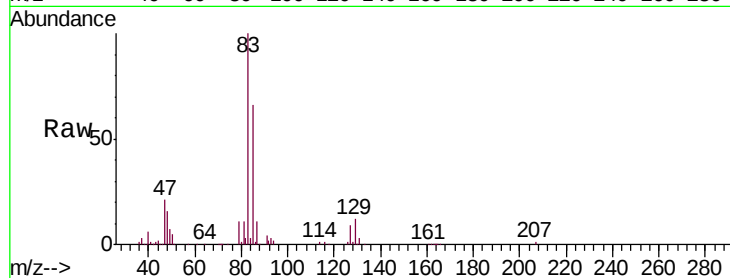
Tgt Ion: 83 Resp: 168198

Ion Ratio Lower Upper

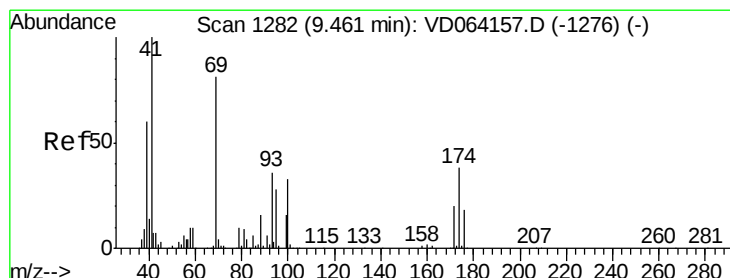
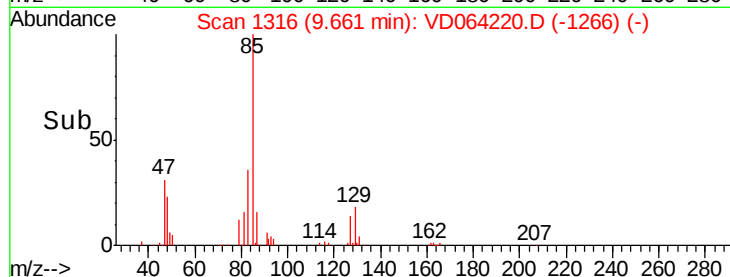
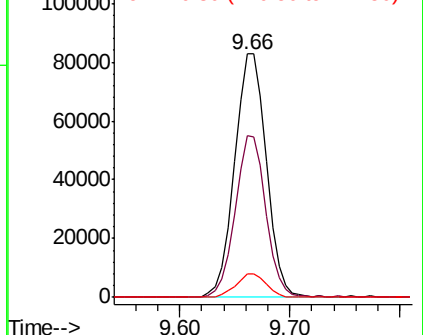
83 100

85 66.3 52.2 78.4

127 9.4 7.5 11.3



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



#48

Methyl methacrylate

Concen: 19.466 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

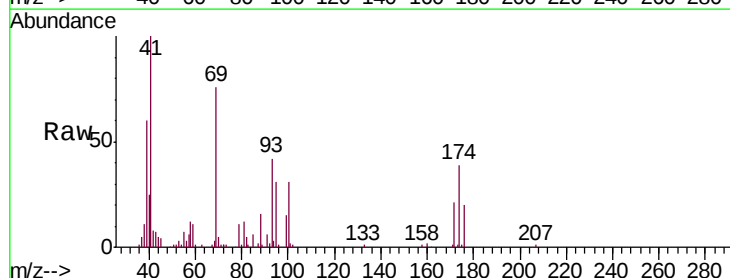
Tgt Ion: 41 Resp: 72730

Ion Ratio Lower Upper

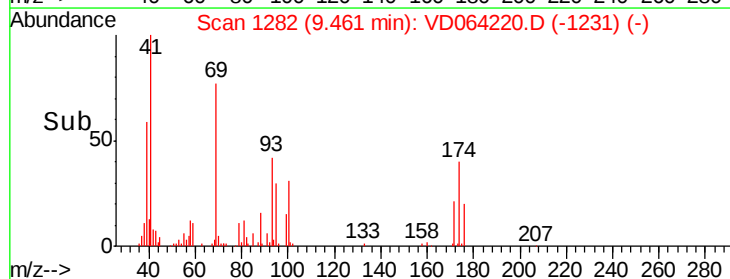
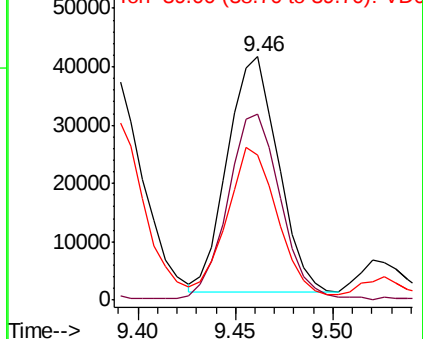
41 100

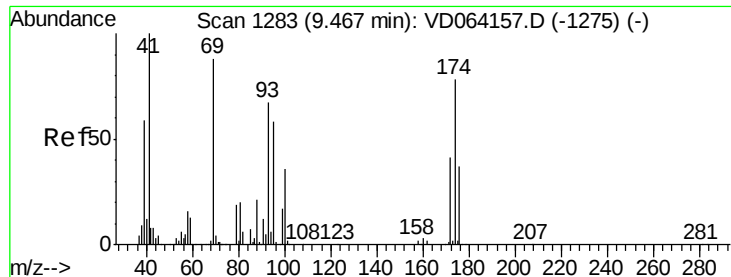
69 81.8 64.6 97.0

39 64.8 48.2 72.2



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

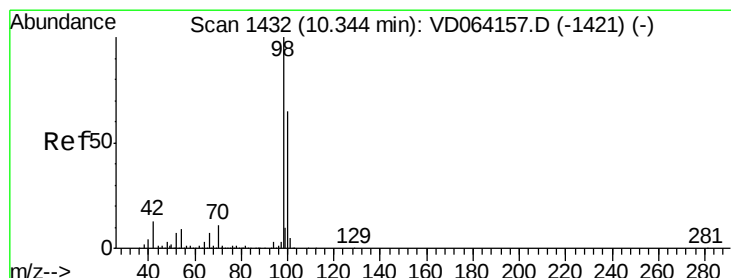
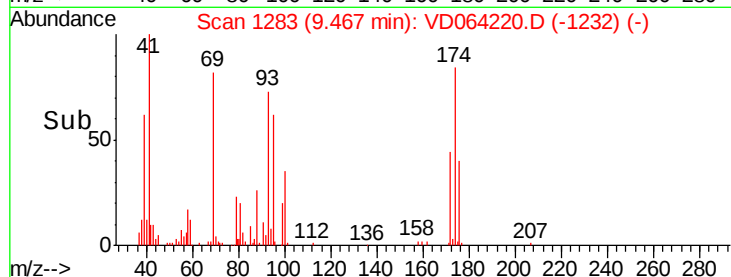
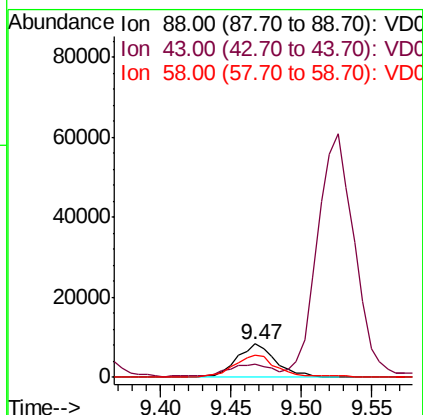
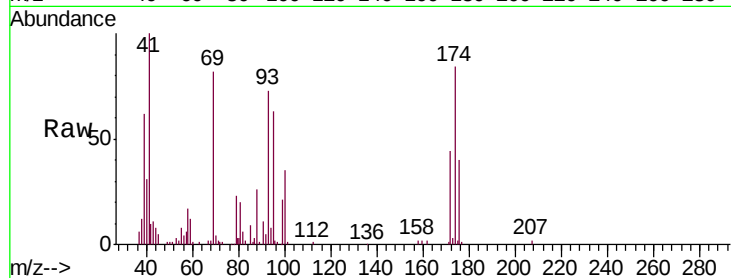




#49
1,4-Dioxane
Concen: 426.654 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

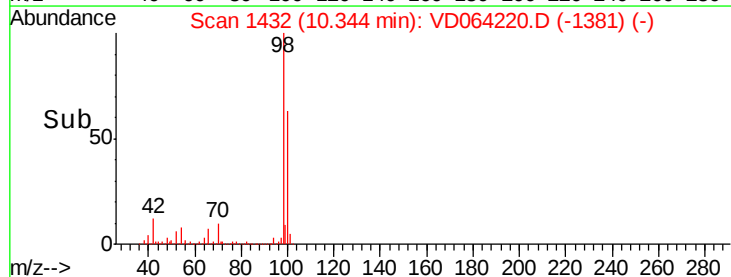
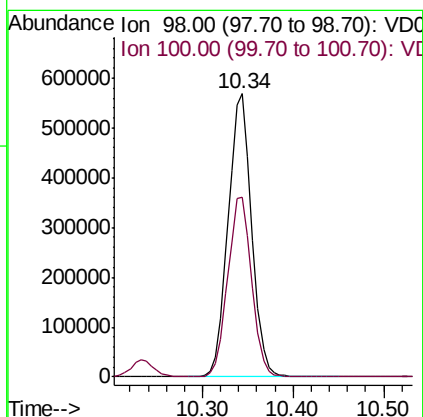
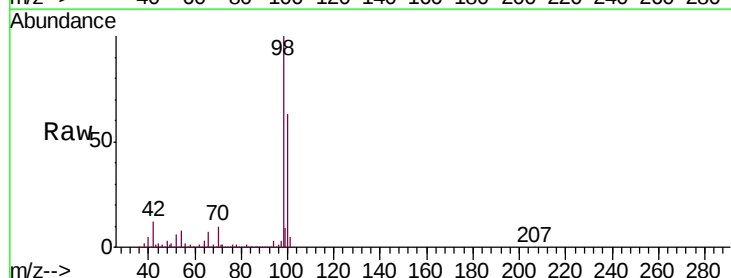
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

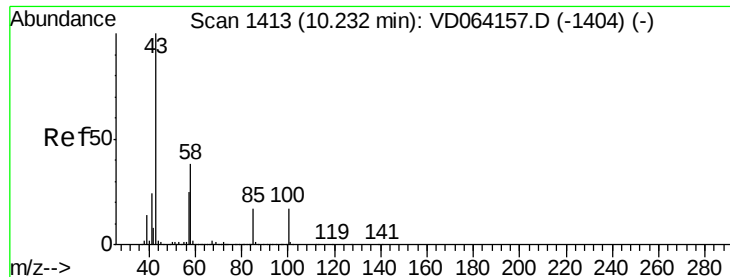
Tgt Ion: 88 Resp: 16052
Ion Ratio Lower Upper
88 100
43 36.9 29.8 44.8
58 71.4 58.1 87.1



#50
Toluene-d8
Concen: 49.724 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 98 Resp: 1026273
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

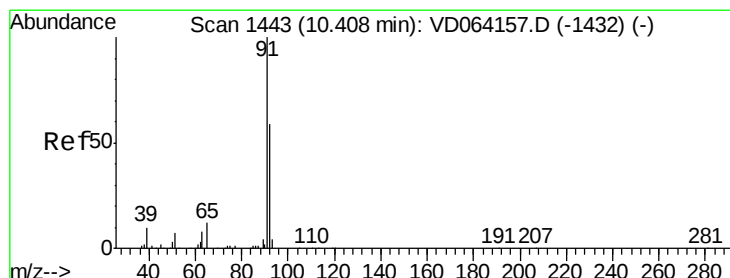
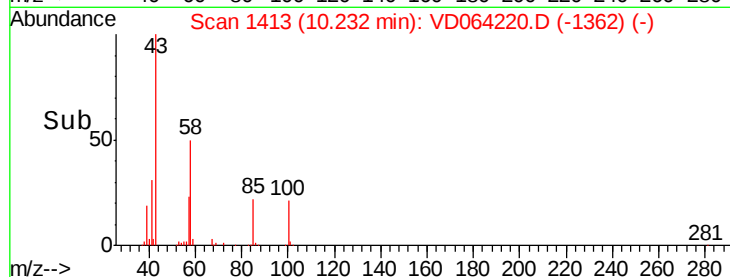
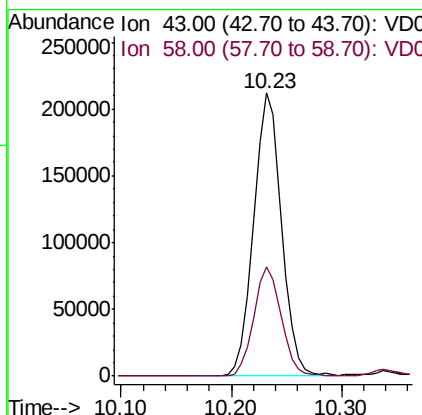
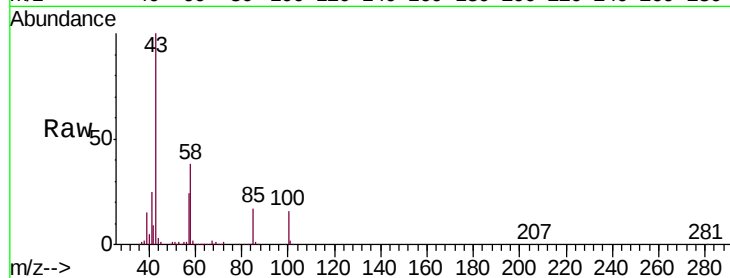




#51
 4-Methyl-2-Pentanone
 Concen: 102.892 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

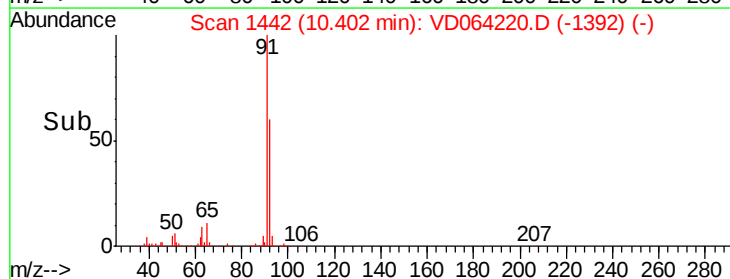
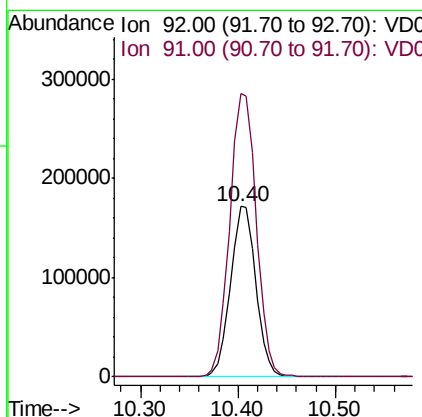
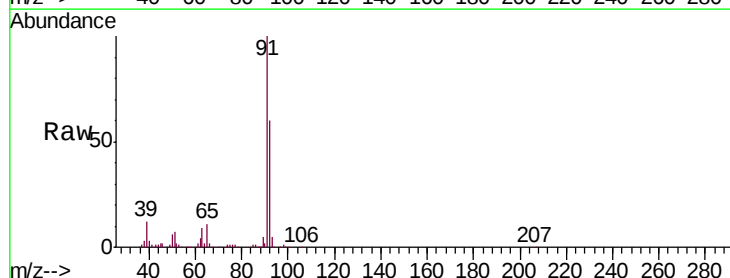
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

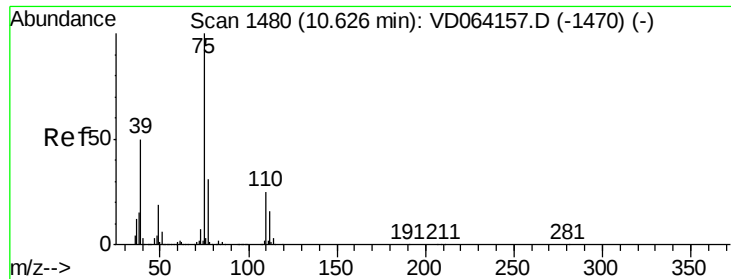
Tgt Ion: 43 Resp: 377006
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.4



#52
 Toluene
 Concen: 19.699 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 92 Resp: 311417
 Ion Ratio Lower Upper
 92 100
 91 173.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.285 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

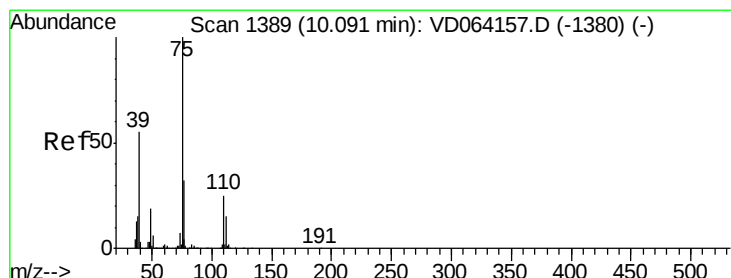
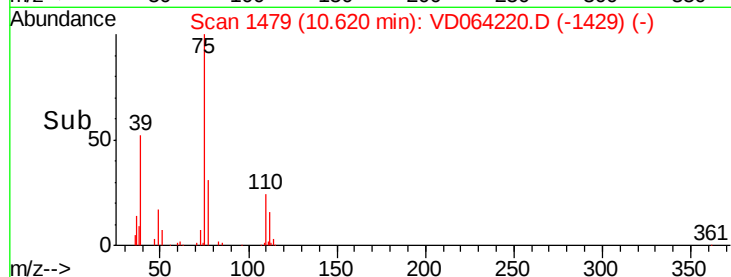
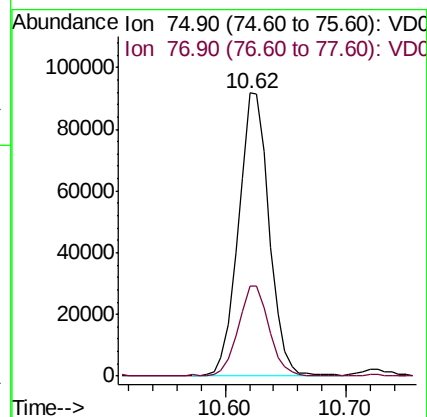
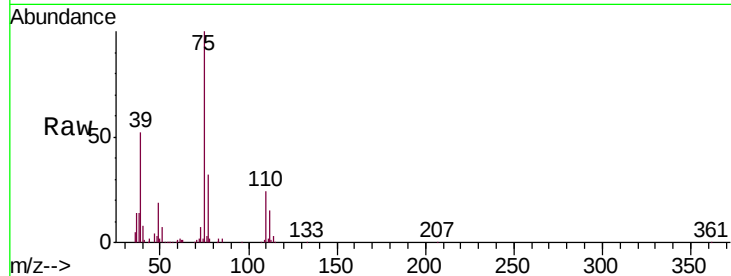
VD1115SBSD01

Tgt Ion: 75 Resp: 163028

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.771 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

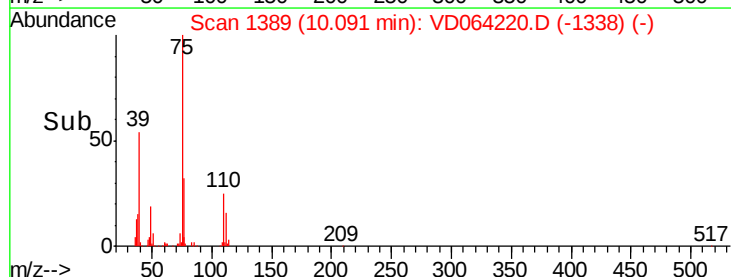
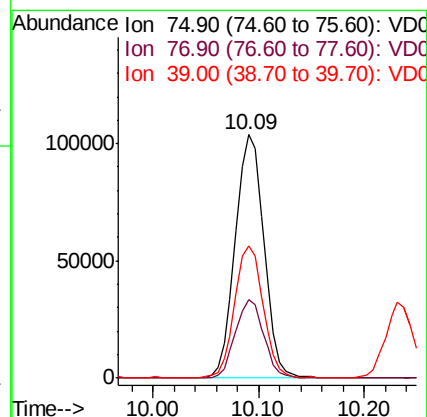
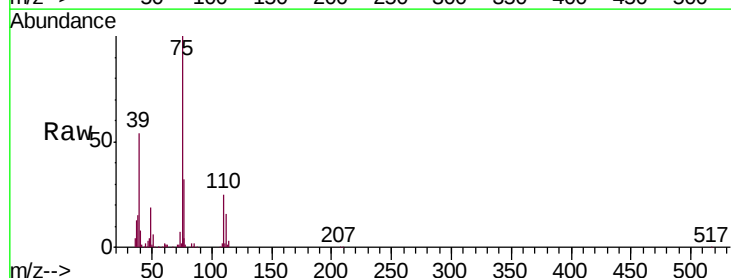
Tgt Ion: 75 Resp: 195039

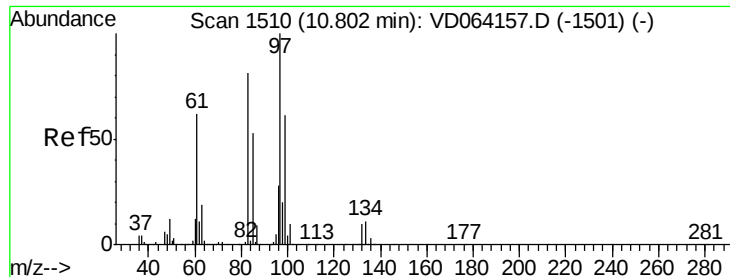
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 54.2 44.2 66.2

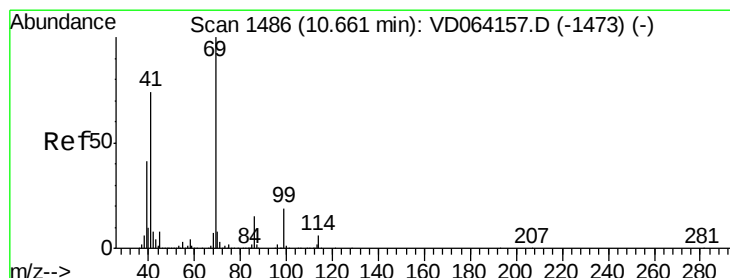
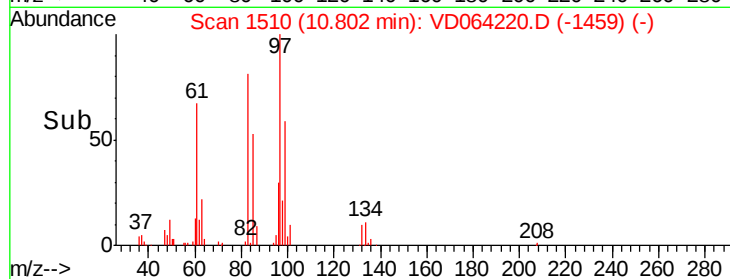
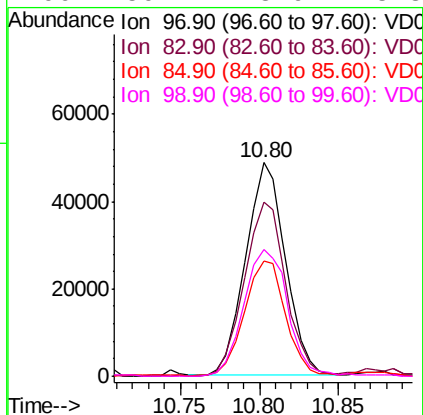
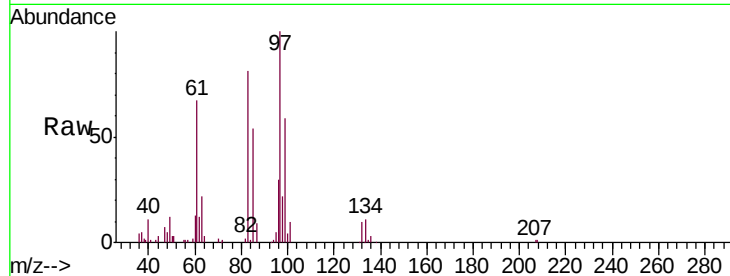




#55
 1,1,2-Trichloroethane
 Concen: 20.073 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

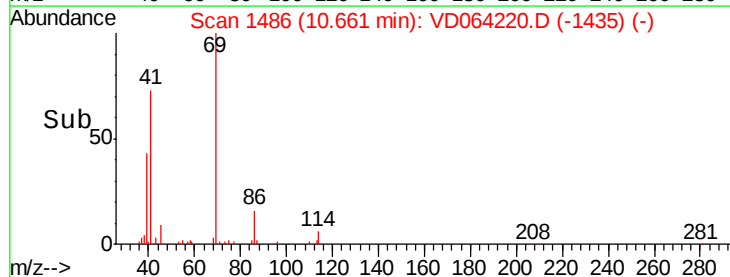
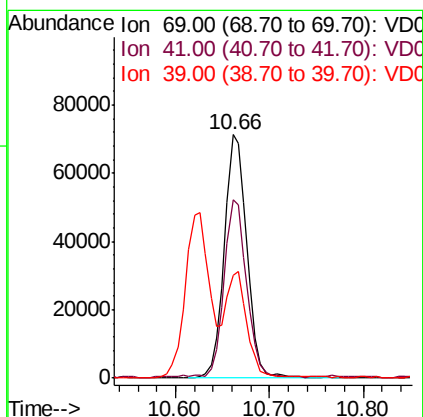
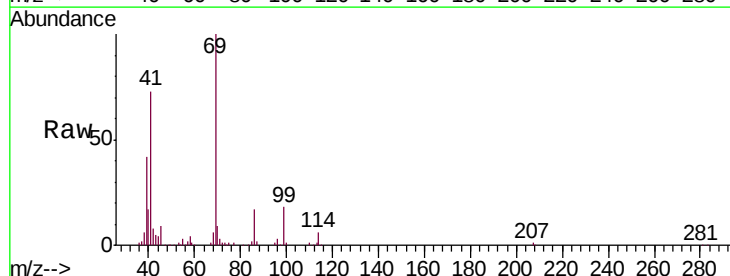
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

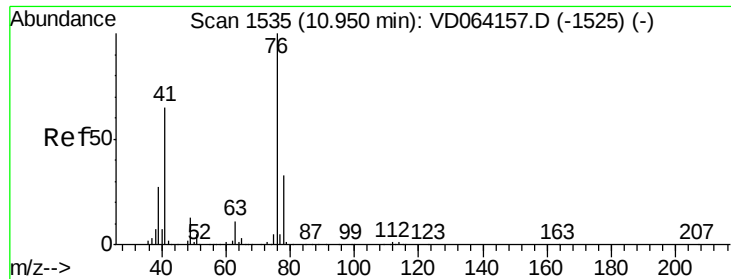
Tgt Ion:	97	Resp:	85303
Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.1	97.7
85	54.1	42.0	63.0
99	59.4	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.002 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion:	69	Resp:	118909
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.9	86.9
39	42.1	29.0	43.4

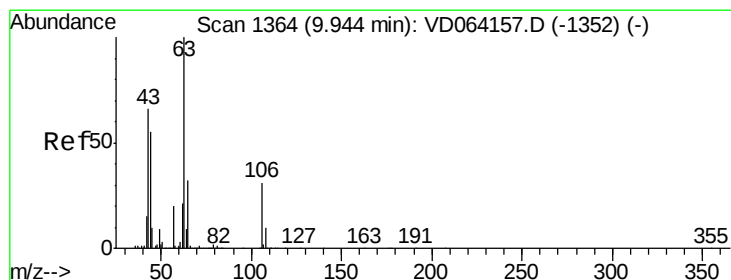
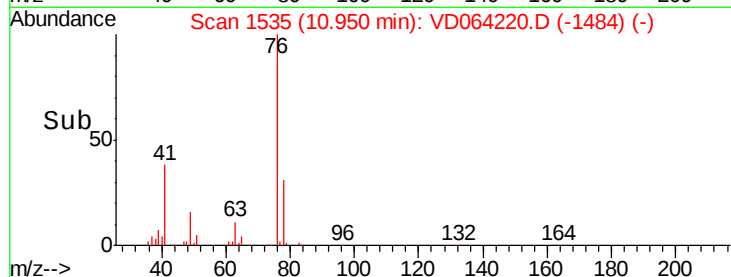
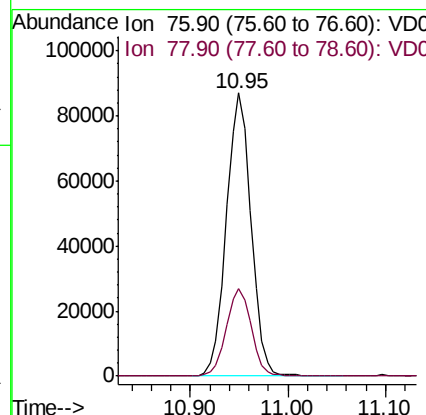
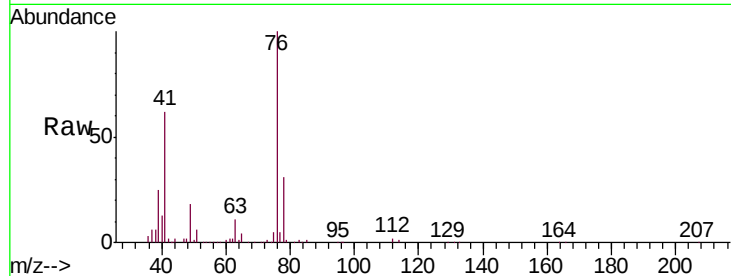




#57
 1,3-Dichloropropane
 Concen: 20.589 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

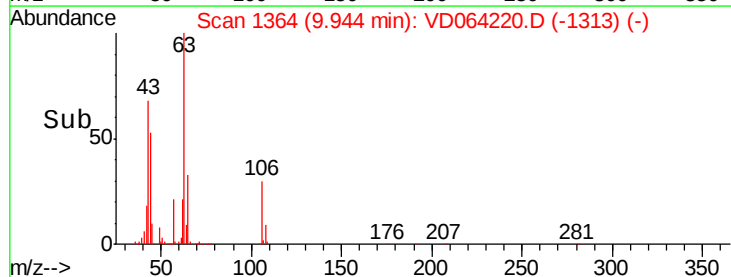
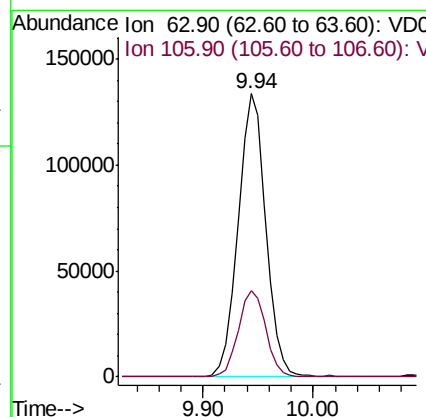
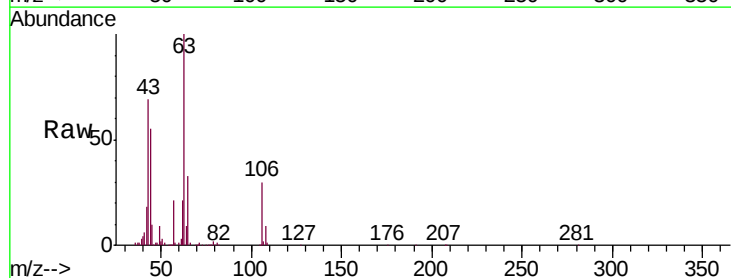
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

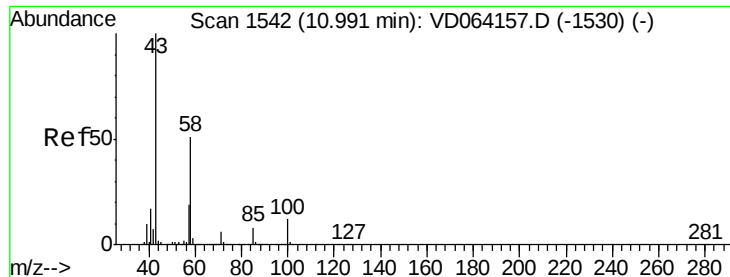
Tgt Ion: 76 Resp: 152593
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.658 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 63 Resp: 235166
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.1 36.1

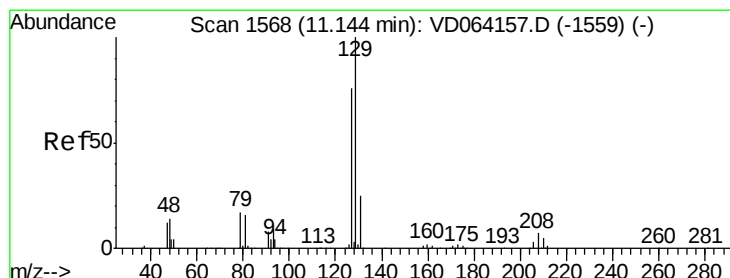
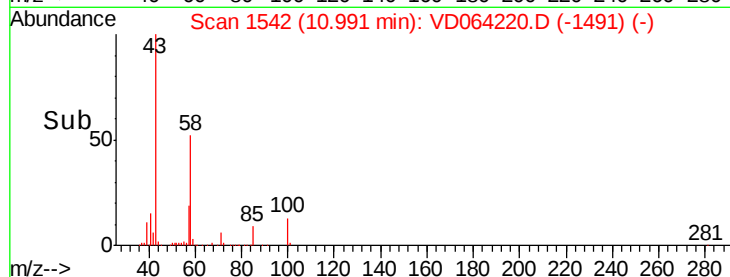
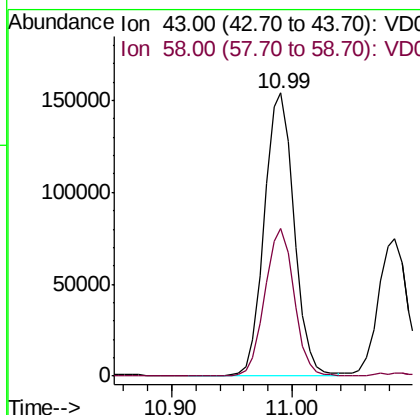
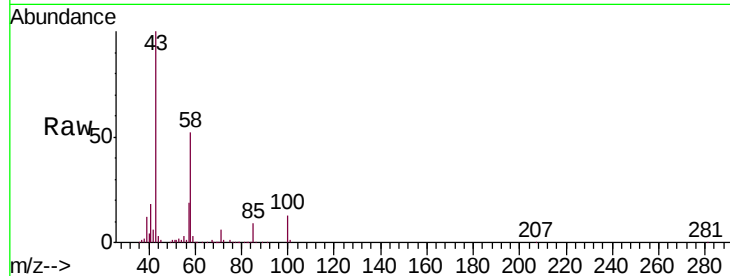




#59
2-Hexanone
Concen: 100.668 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

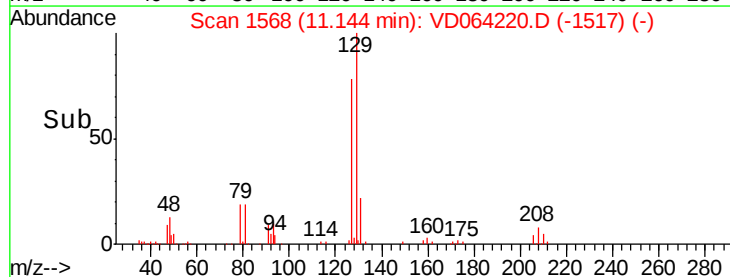
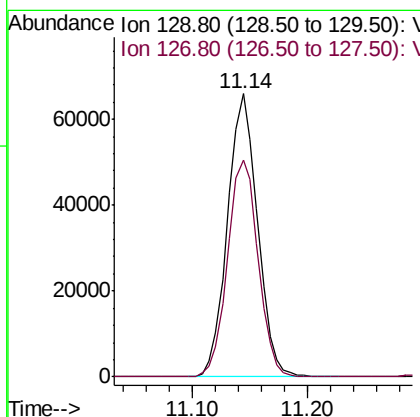
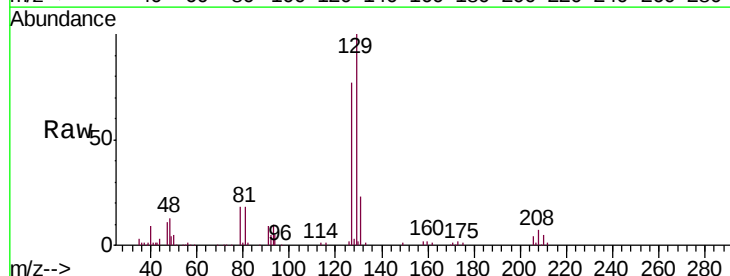
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

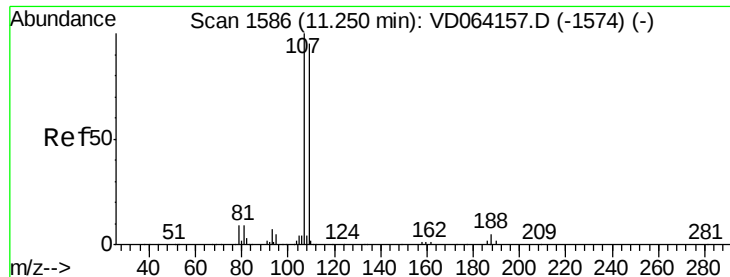
Tgt Ion: 43 Resp: 262421
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7



#60
Dibromochloromethane
Concen: 20.020 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 129 Resp: 118716
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

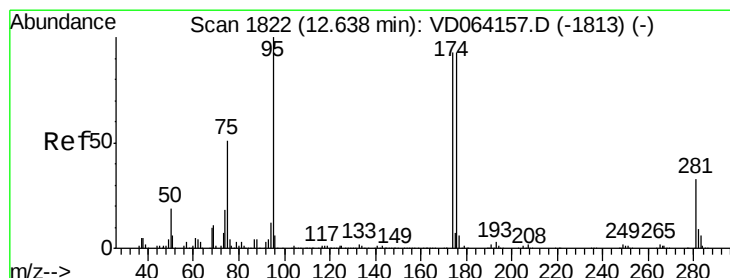
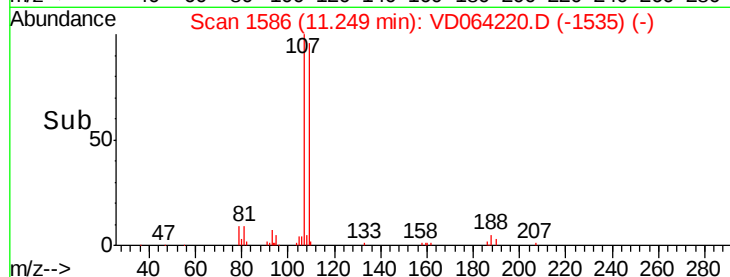
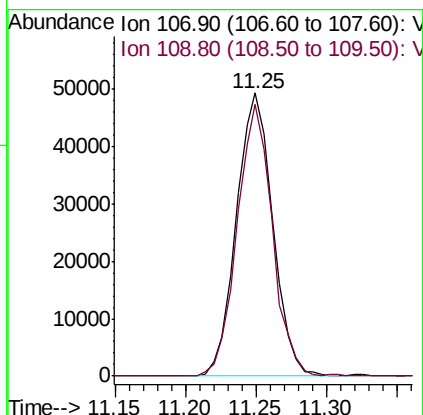
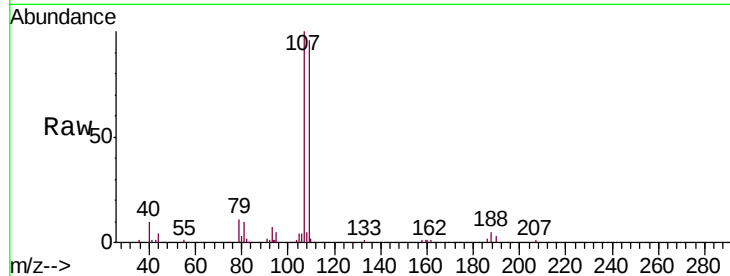




#61
 1,2-Dibromoethane
 Concen: 20.794 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

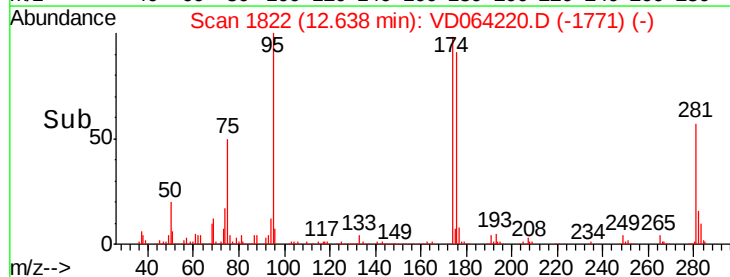
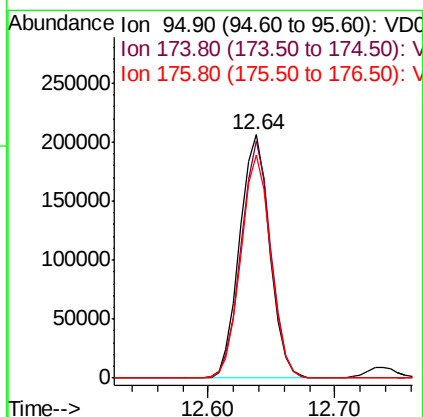
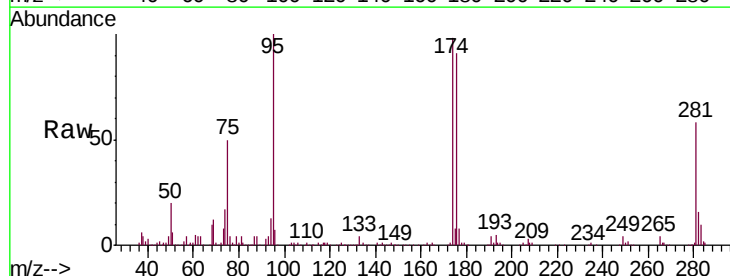
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

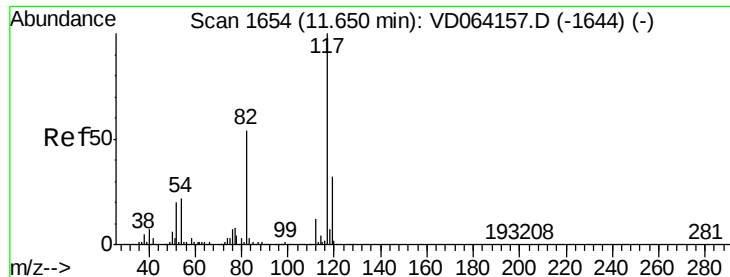
Tgt Ion: 107 Resp: 88508
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.492 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion: 95 Resp: 339450
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 183.6
 176 91.5 0.0 180.2

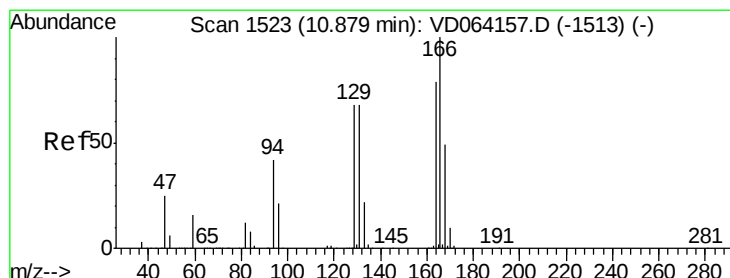
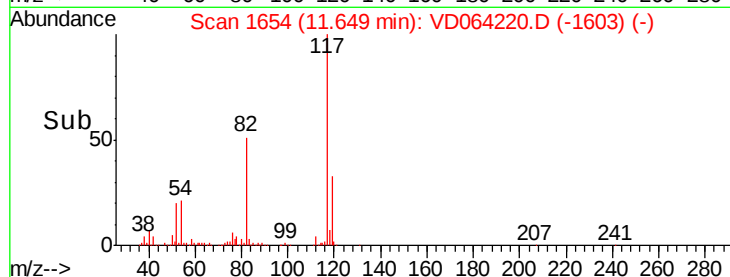
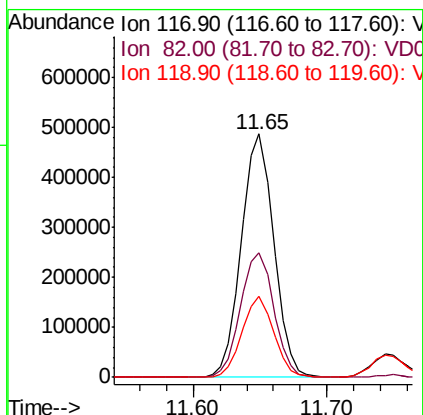
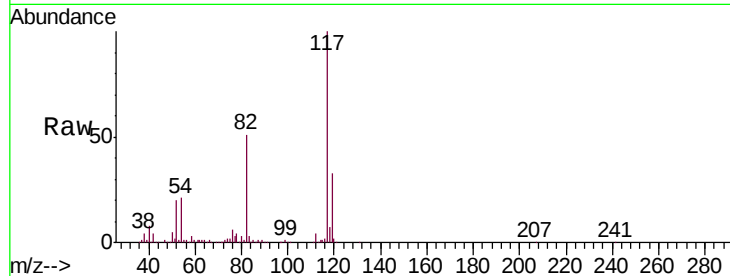




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

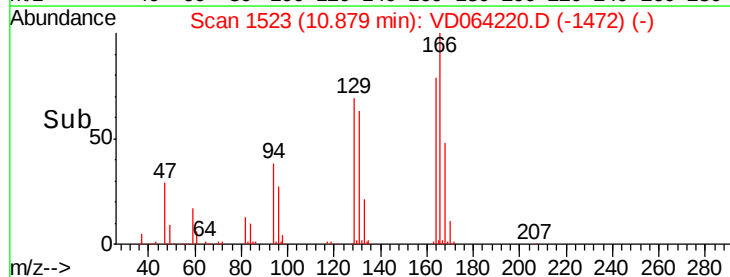
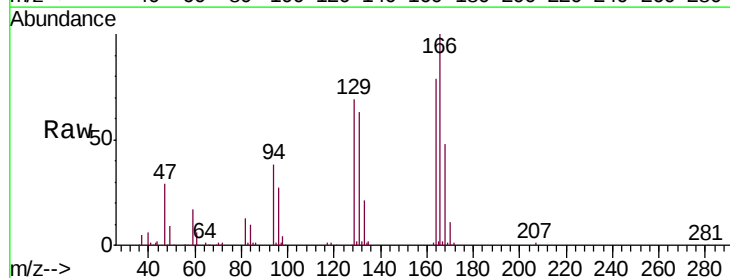
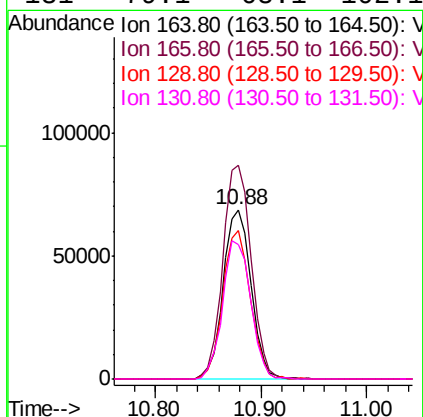
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

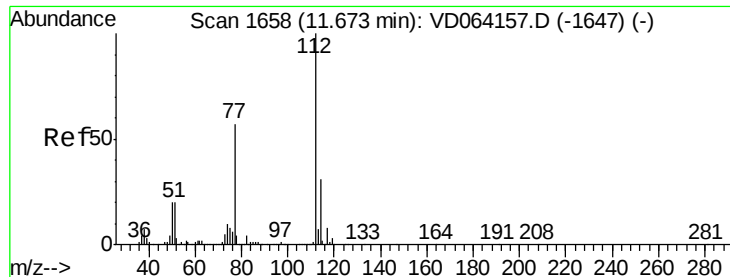
Tgt Ion:117 Resp: 822899
Ion Ratio Lower Upper
117 100
82 51.4 42.8 64.2
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 19.850 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion:164 Resp: 125629
Ion Ratio Lower Upper
164 100
166 126.4 100.8 151.2
129 87.6 68.7 103.1
131 79.1 68.1 102.1





#65

Chlorobenzene

Concen: 19.599 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

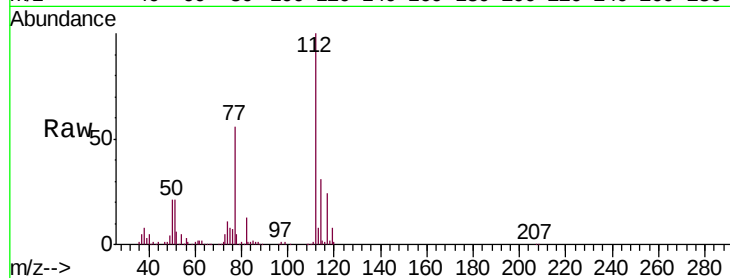
VD1115SBS01

Tgt Ion:112 Resp: 327970

Ion Ratio Lower Upper

112 100

114 30.7 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

200000

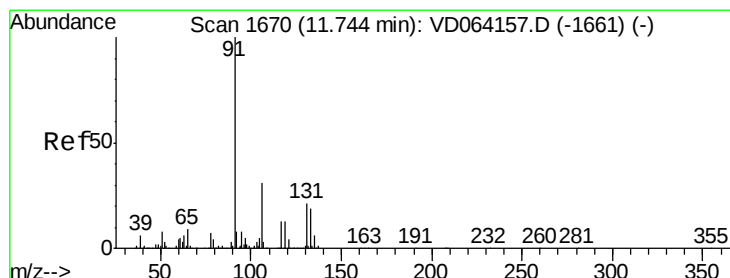
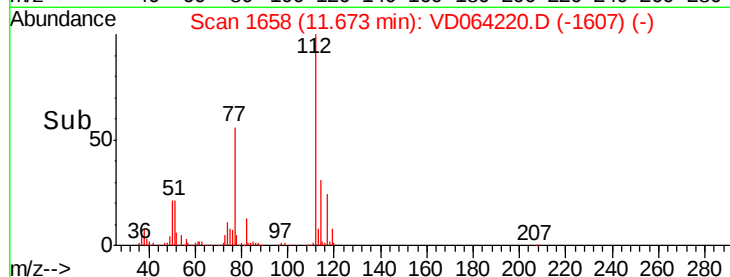
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.658 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

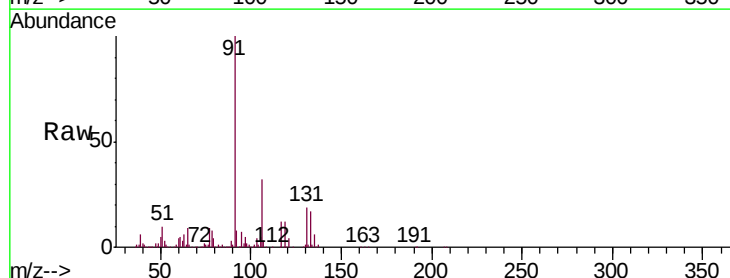
Tgt Ion:131 Resp: 125080

Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 62.7 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

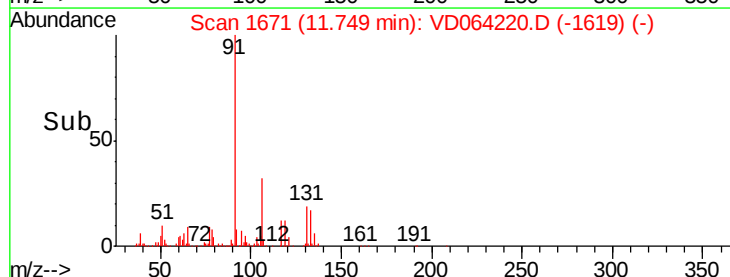
150000

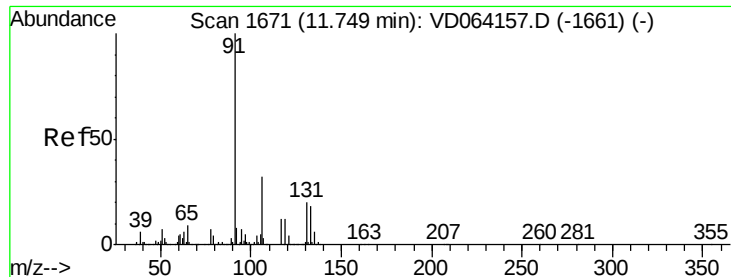
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.107 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

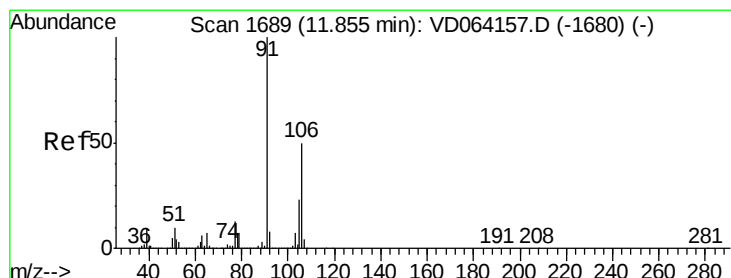
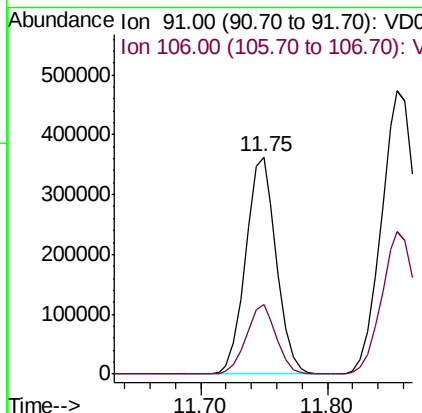
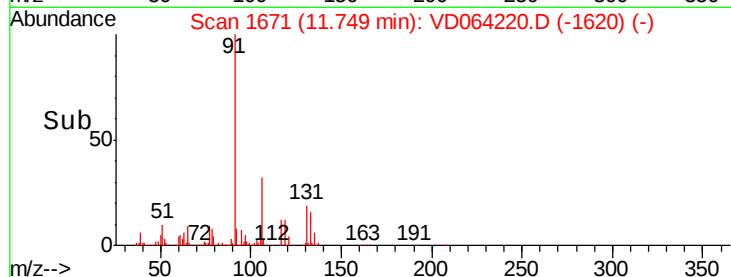
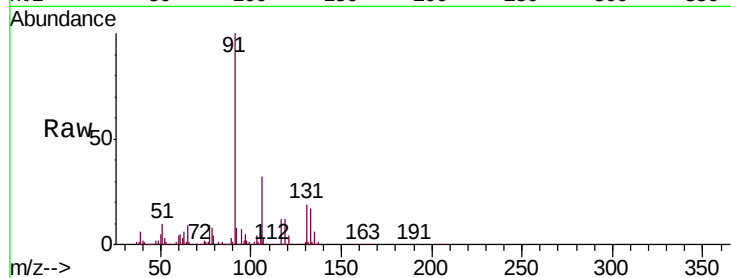
VD1115SBSD01

Tgt Ion: 91 Resp: 608621

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 39.052 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064220.D

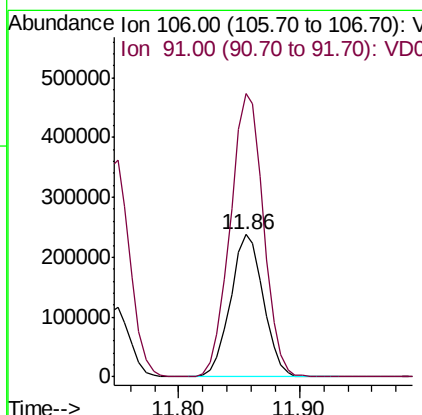
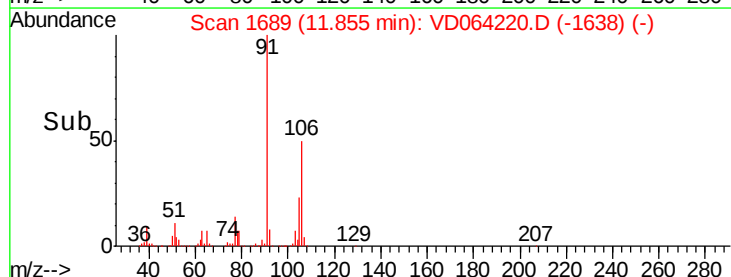
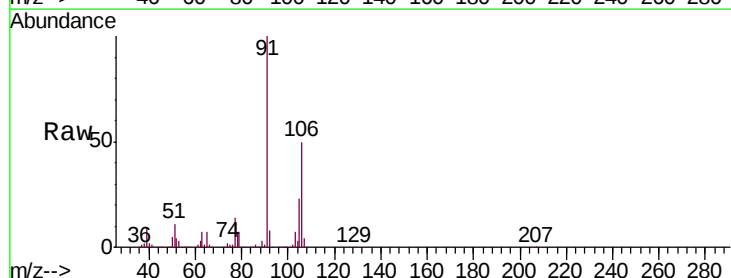
Acq: 15 Nov 2019 11:45

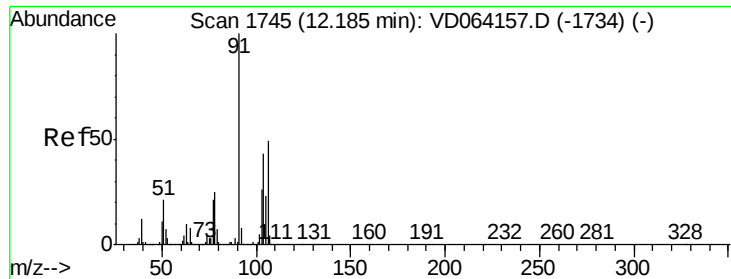
Tgt Ion: 106 Resp: 453077

Ion Ratio Lower Upper

106 100

91 200.3 160.3 240.5

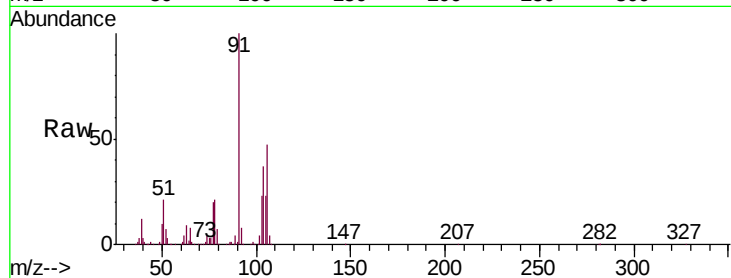




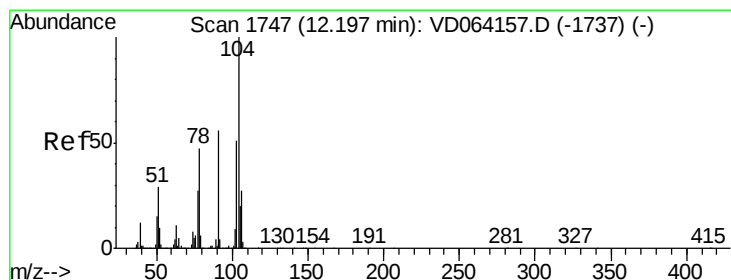
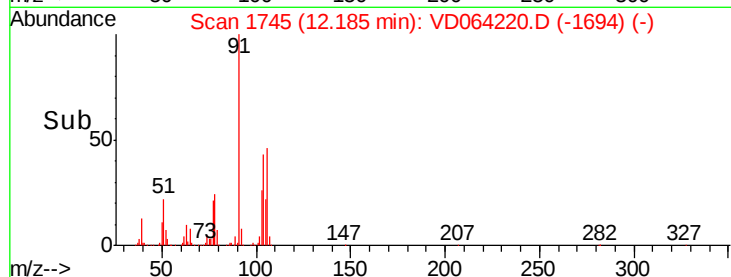
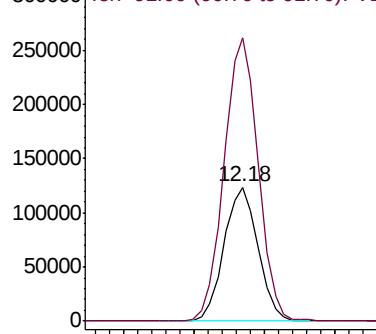
#69
o-Xylene
Concen: 19.406 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:106 Resp: 208815
Ion Ratio Lower Upper
106 100
91 212.0 105.1 315.3

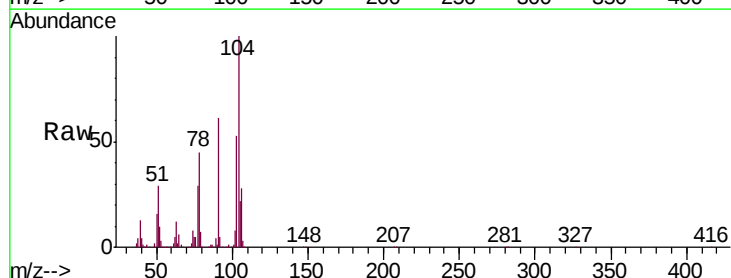


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

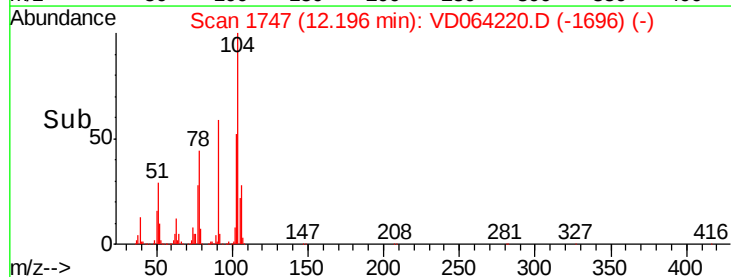
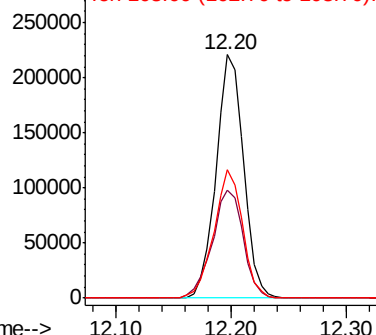


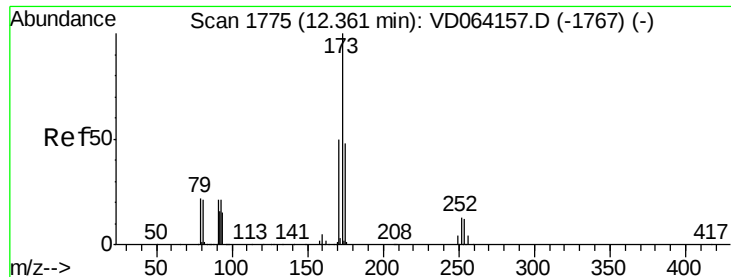
#70
Styrene
Concen: 19.466 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion:104 Resp: 365625
Ion Ratio Lower Upper
104 100
78 49.7 39.9 59.9
103 54.7 43.4 65.0



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





#71

Bromoform

Concen: 20.920 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

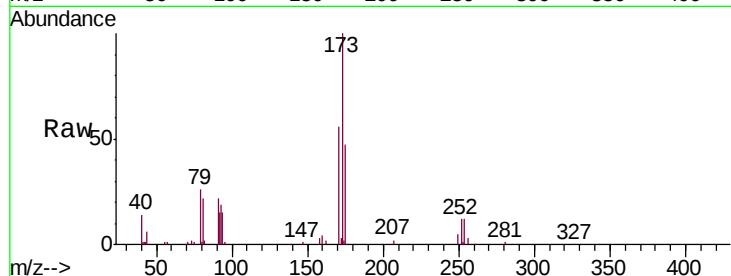
Tgt Ion:173 Resp: 75754

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

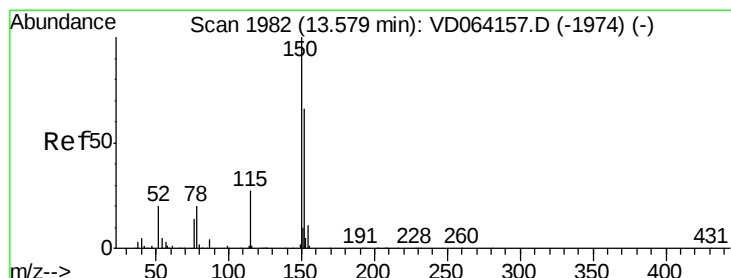
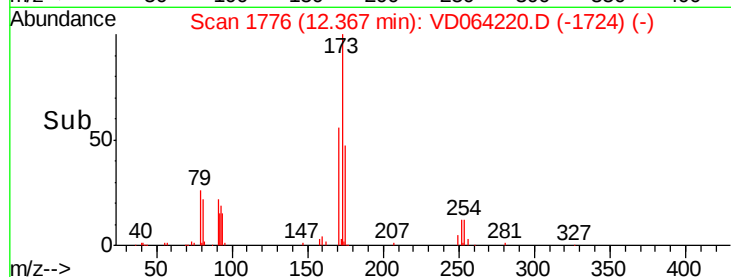
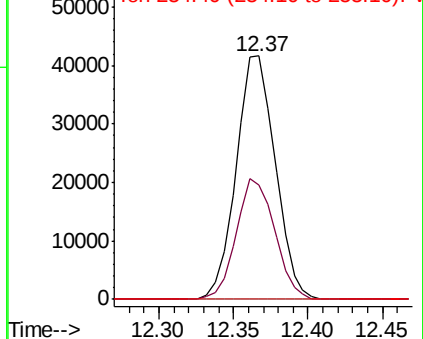
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

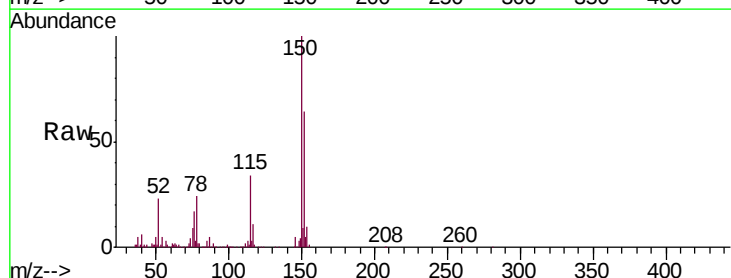
Tgt Ion:152 Resp: 399062

Ion Ratio Lower Upper

152 100

115 55.0 27.4 82.2

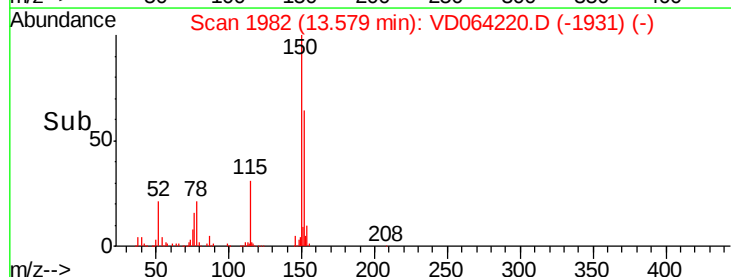
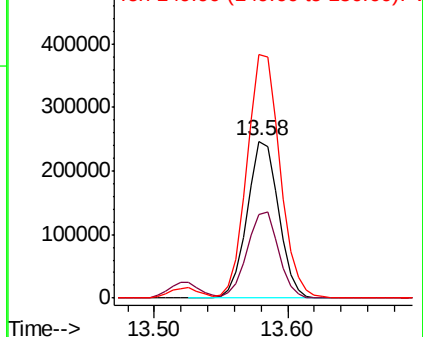
150 163.7 0.0 351.6

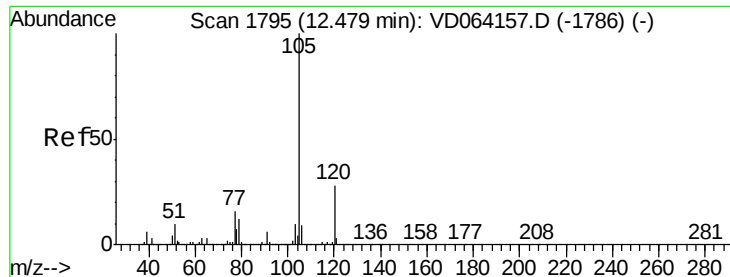


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.015 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

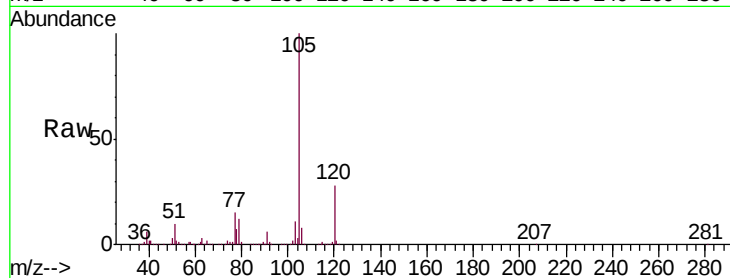
VD1115SBS01

Tgt Ion:105 Resp: 586271

Ion Ratio Lower Upper

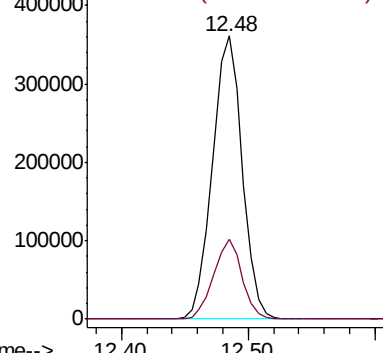
105 100

120 26.9 13.6 40.8

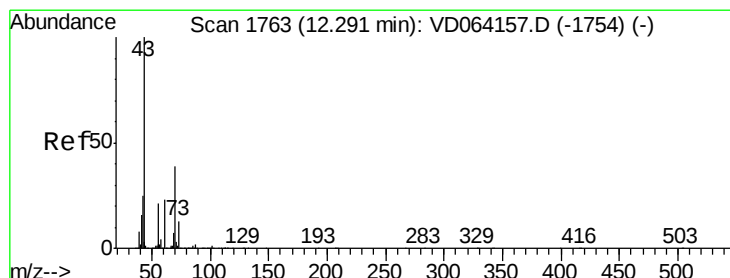
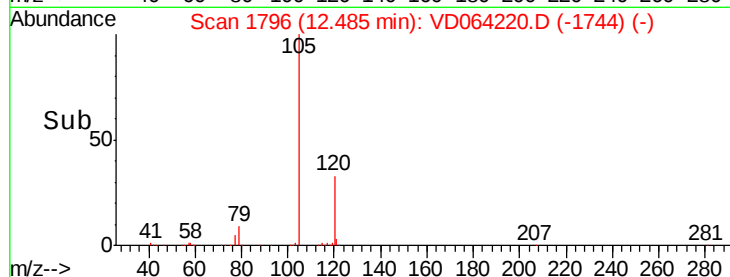


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.051 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Tgt Ion: 43 Resp: 138690

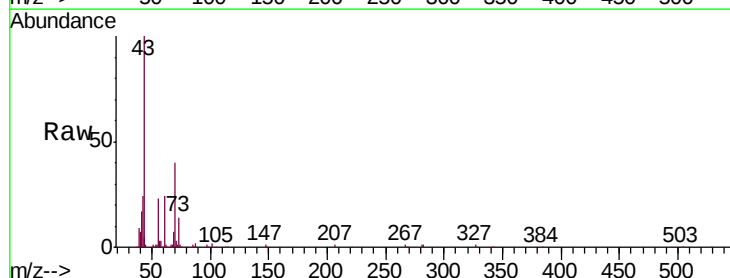
Ion Ratio Lower Upper

43 100

70 40.6 32.4 48.6

55 22.1 17.9 26.9

61 23.1 19.0 28.4

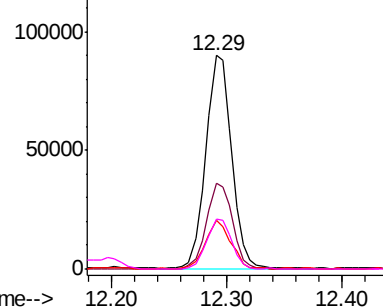


Abundance Ion 43.00 (42.70 to 43.70): V

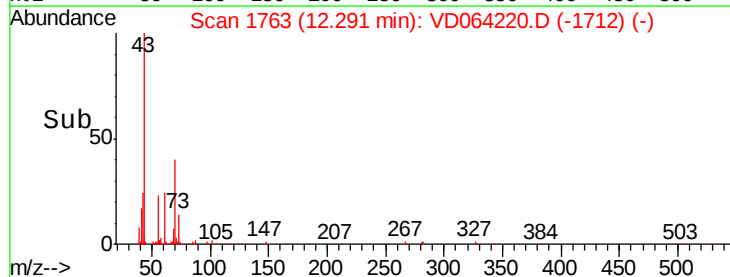
Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.386 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

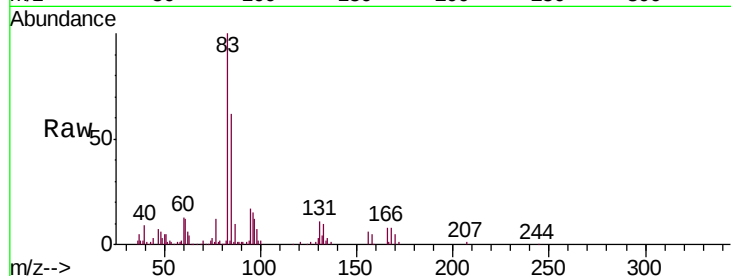
Tgt Ion: 83 Resp: 94389

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.7

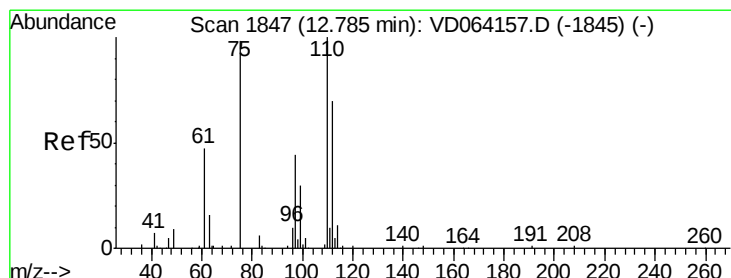
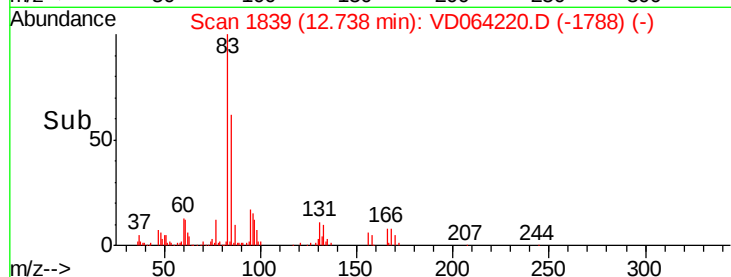
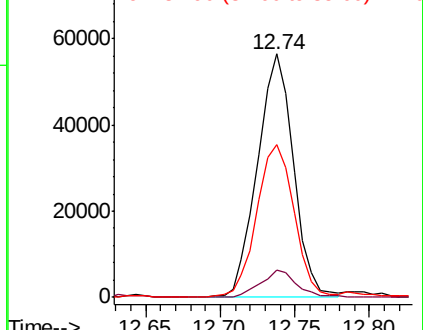
85 65.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.735 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD064220.D

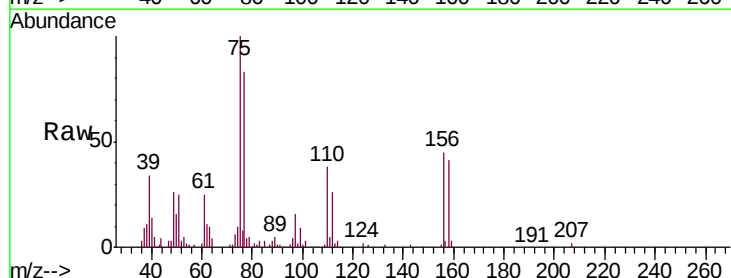
Acq: 15 Nov 2019 11:45

Tgt Ion: 75 Resp: 124506

Ion Ratio Lower Upper

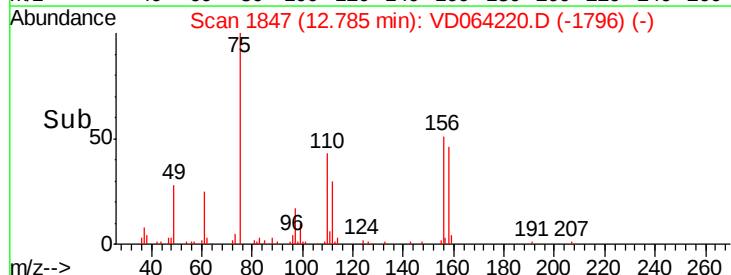
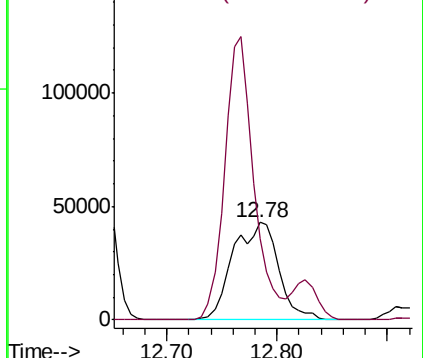
75 100

77 186.6 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: 19.928 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

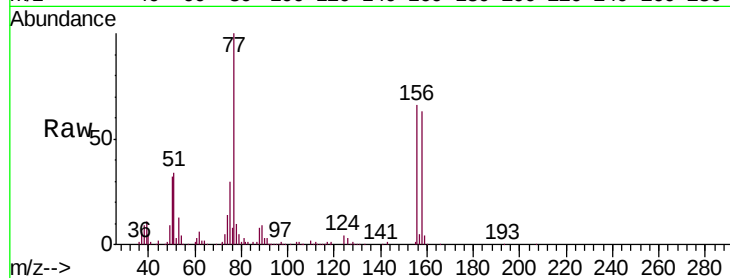
Tgt Ion:156 Resp: 141811

Ion Ratio Lower Upper

156 100

77 163.8 81.2 243.4

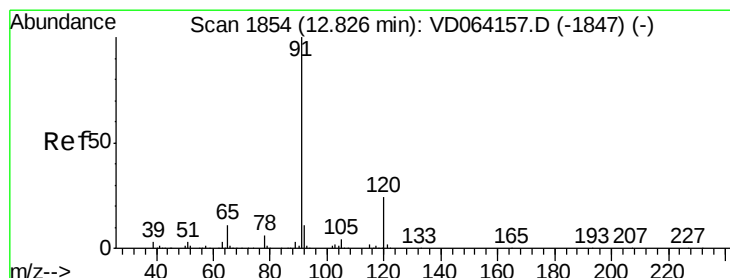
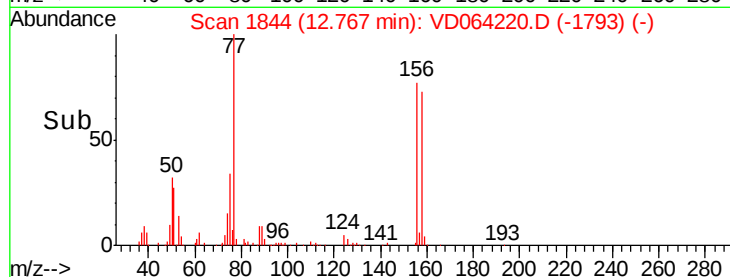
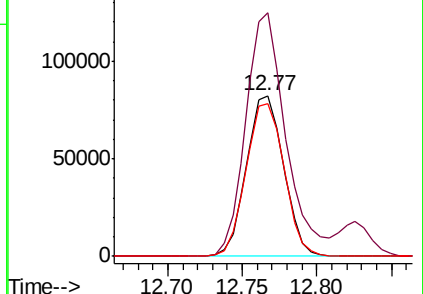
158 97.1 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.984 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064220.D

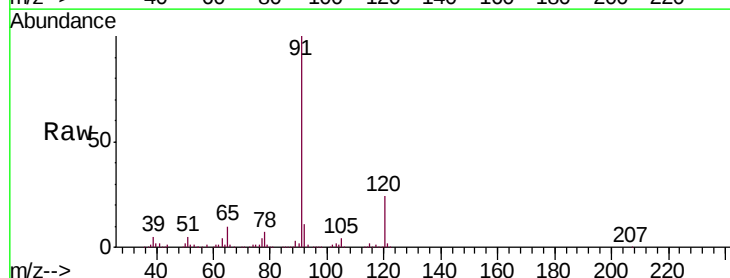
Acq: 15 Nov 2019 11:45

Tgt Ion: 91 Resp: 668772

Ion Ratio Lower Upper

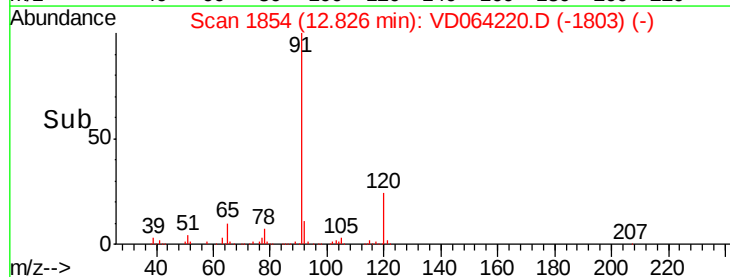
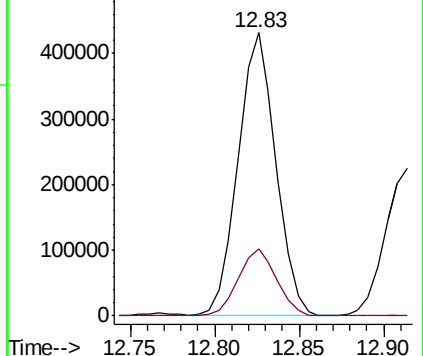
91 100

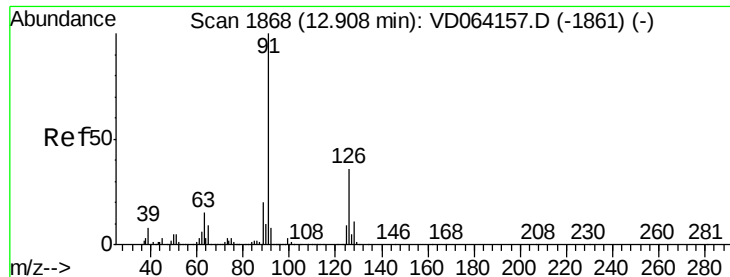
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.490 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

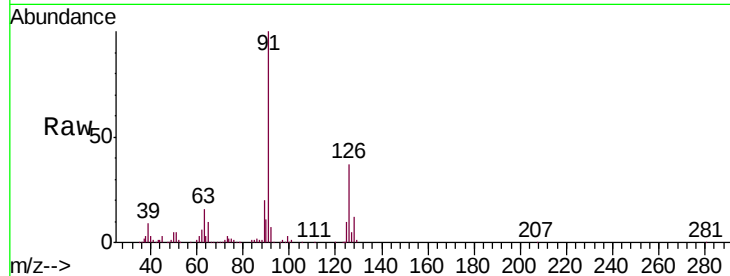
VD1115SBS01

Tgt Ion: 91 Resp: 368247

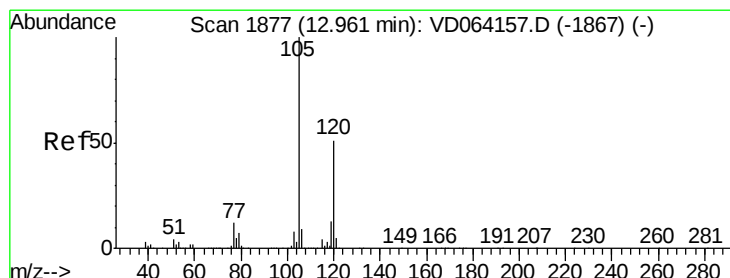
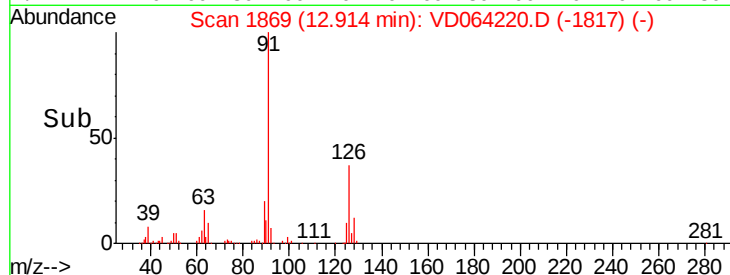
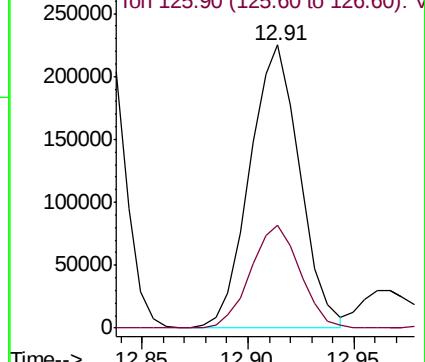
Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.472 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064220.D

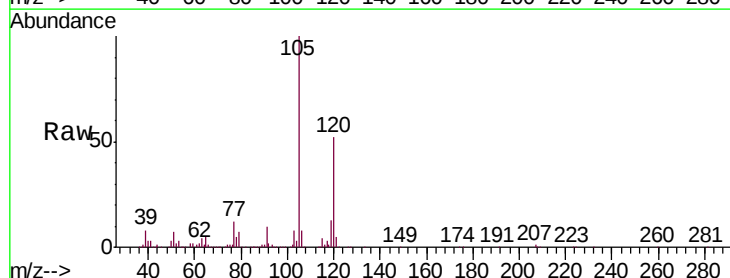
Acq: 15 Nov 2019 11:45

Tgt Ion: 105 Resp: 468654

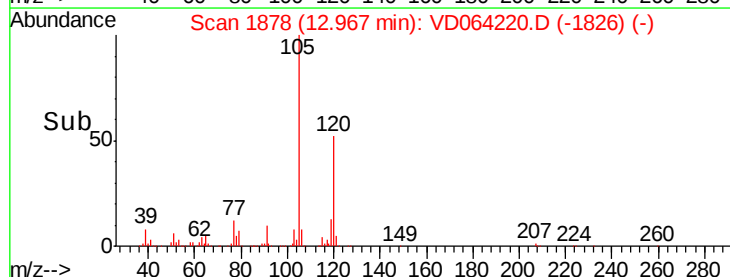
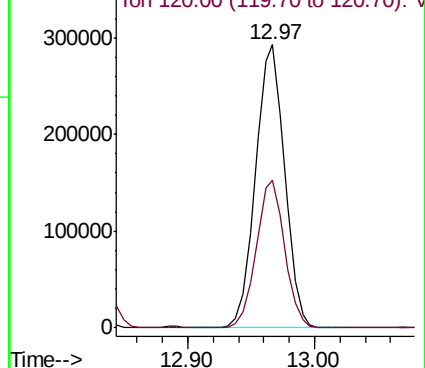
Ion Ratio Lower Upper

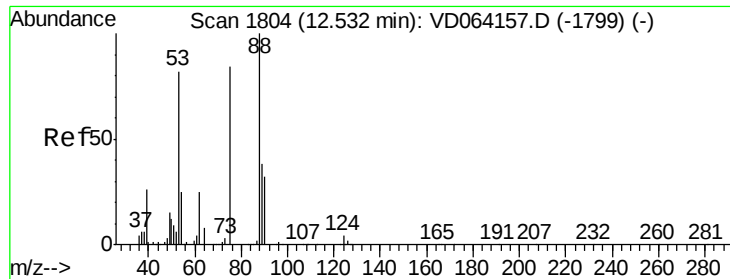
105 100

120 51.0 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.303 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBSD01

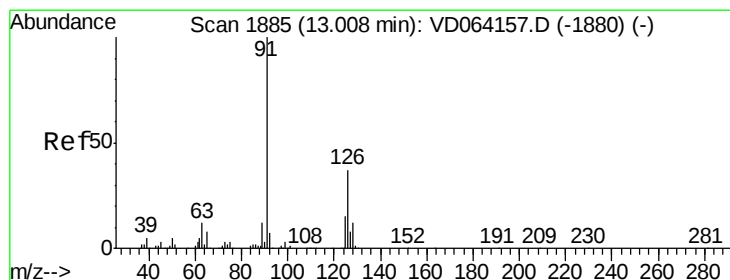
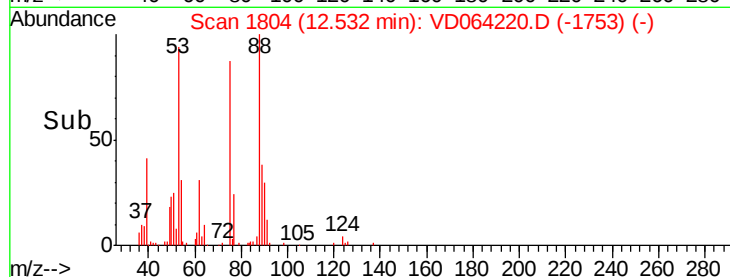
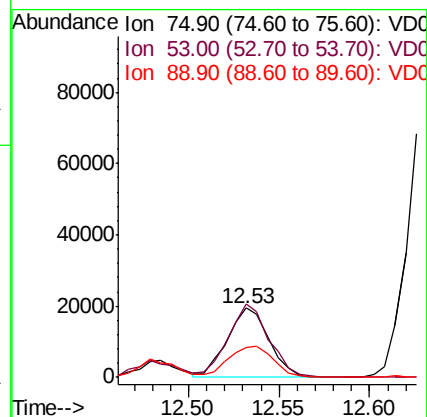
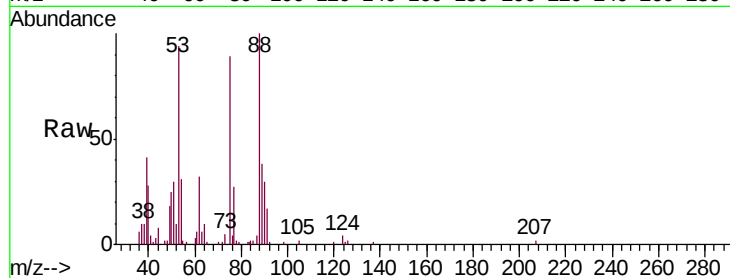
Tgt Ion: 75 Resp: 31236

Ion Ratio Lower Upper

75 100

53 103.5 79.4 119.0

89 47.1 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.807 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD064220.D

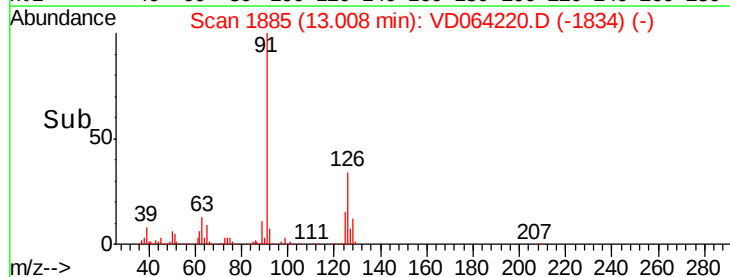
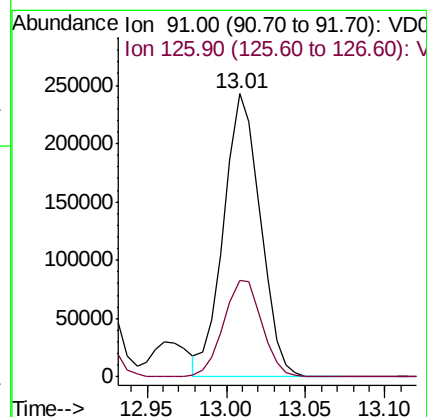
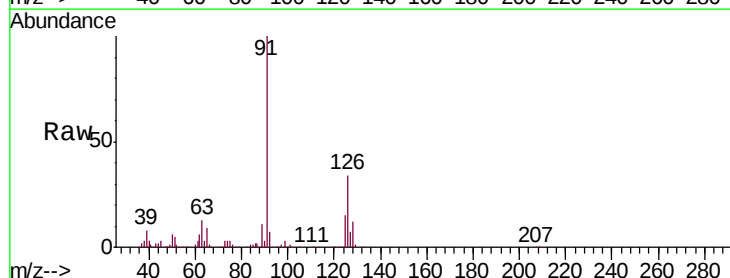
Acq: 15 Nov 2019 11:45

Tgt Ion: 91 Resp: 390333

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.4

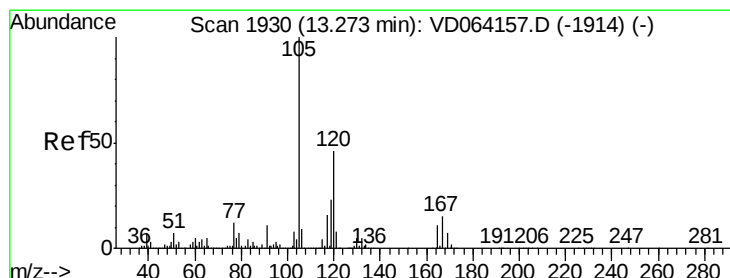
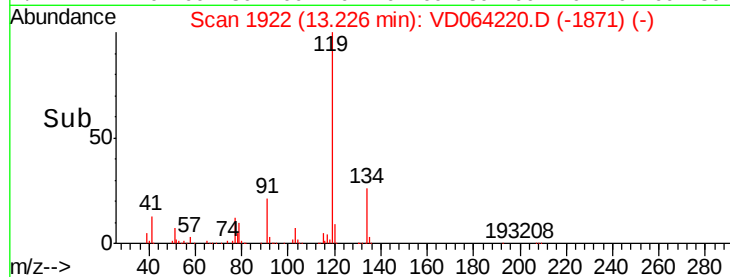
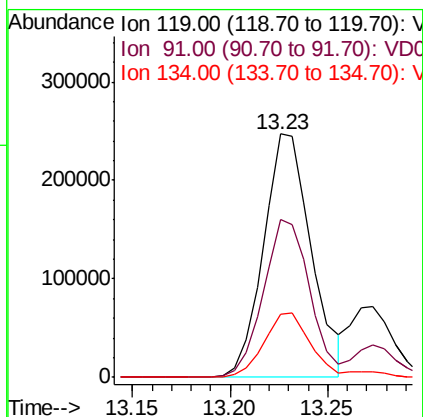
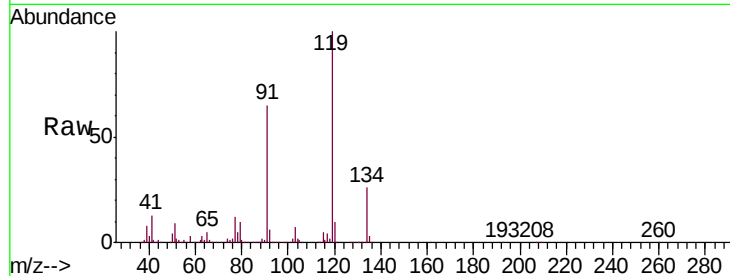




#83
 tert-Butylbenzene
 Concen: 19.753 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

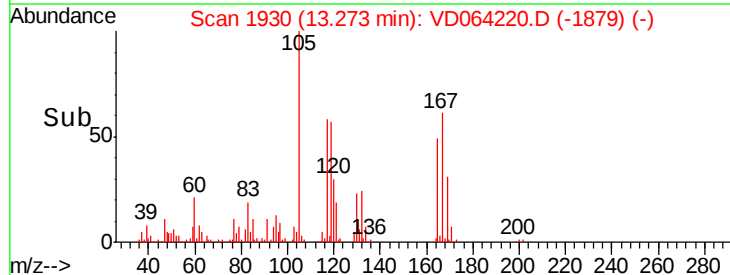
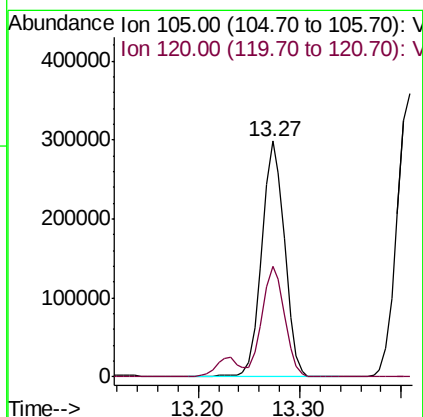
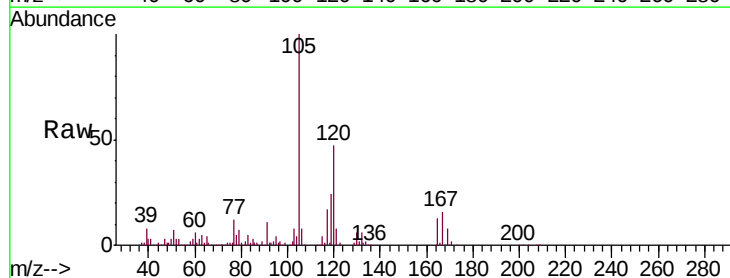
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

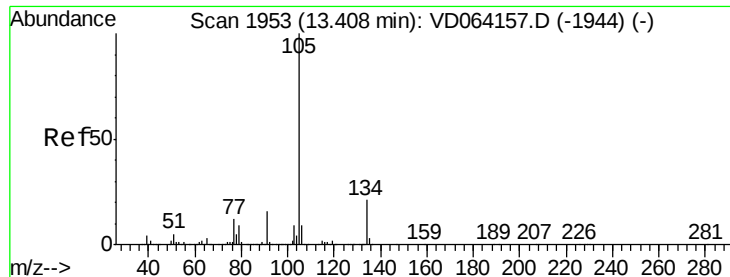
Tgt Ion:119 Resp: 419219
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.8 95.4
 134 25.7 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.569 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion:105 Resp: 464985
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.8

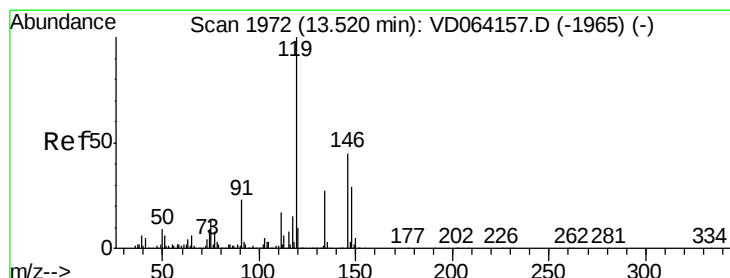
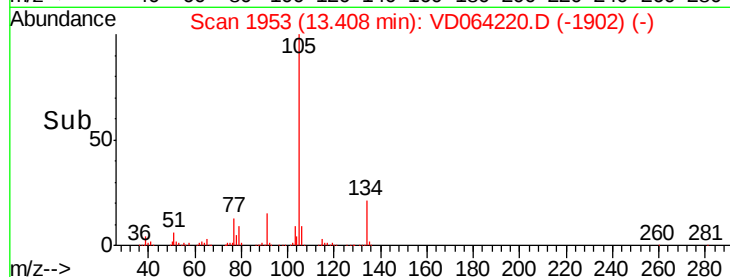
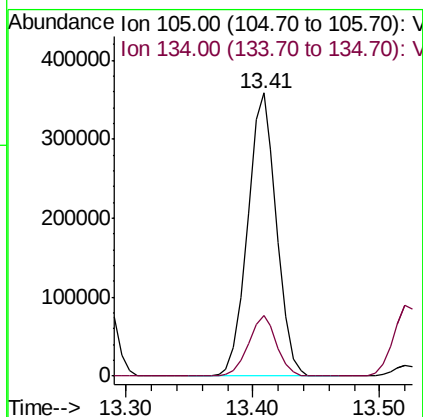
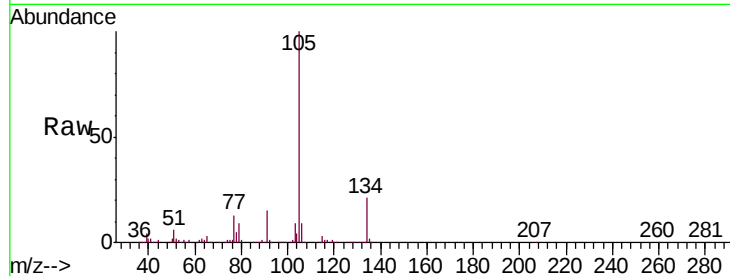




#85
 sec-Butylbenzene
 Concen: 19.800 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

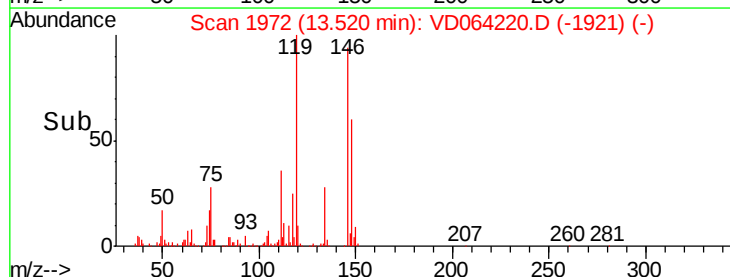
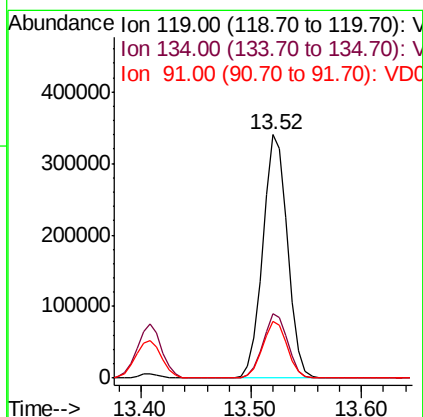
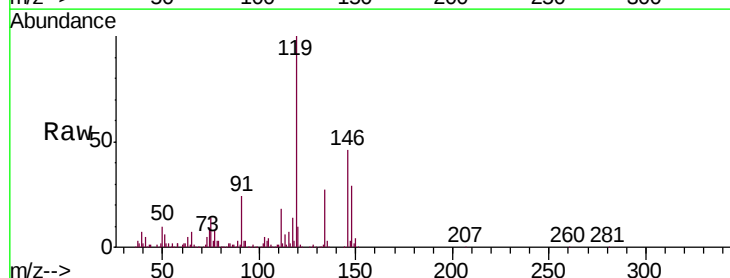
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

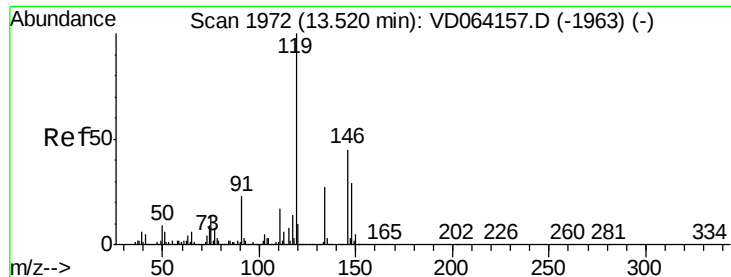
Tgt Ion:105 Resp: 564385
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.699 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion:119 Resp: 533838
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.710 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

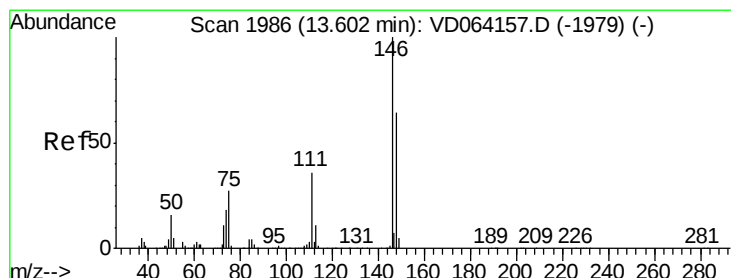
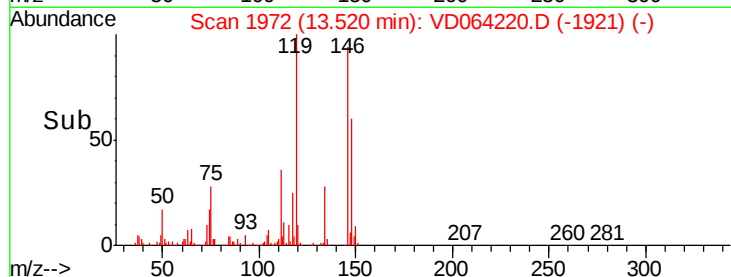
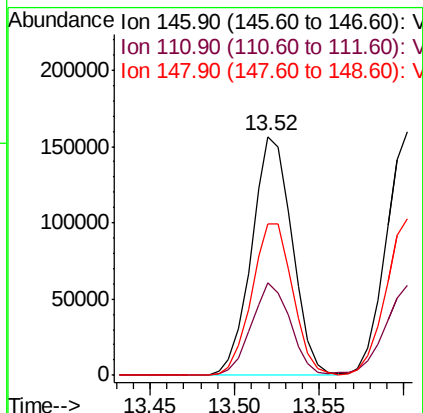
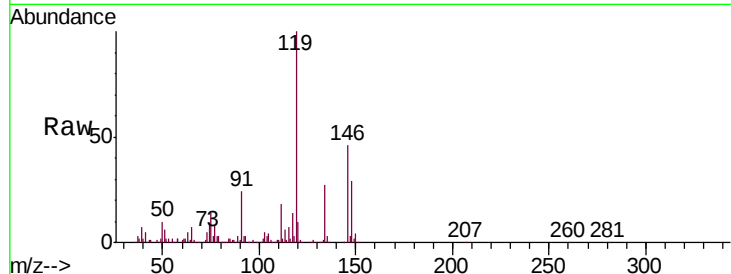
Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

Tgt Ion:	146	Resp:	260352
Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	64.4	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 19.969 ug/l

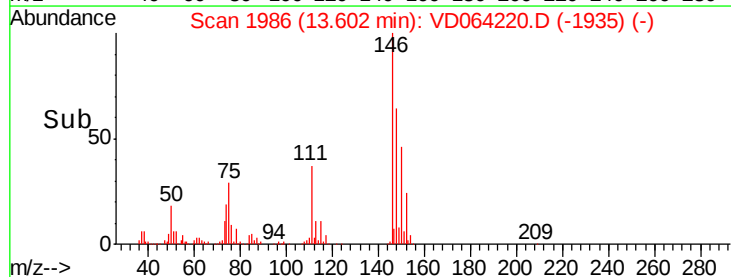
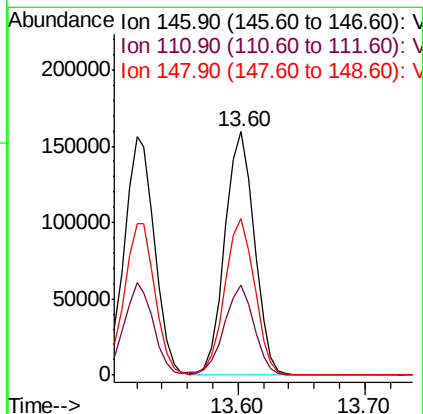
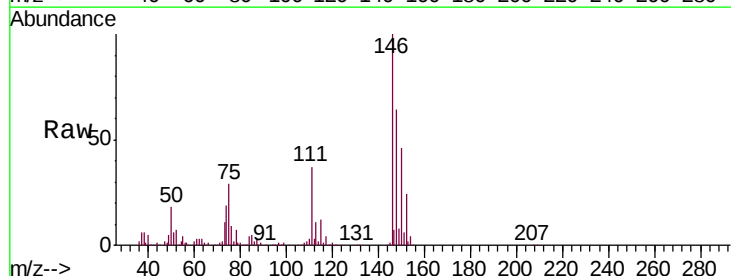
RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD064220.D

Acq: 15 Nov 2019 11:45

Tgt Ion:	146	Resp:	257442
Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	65.1	31.9	95.7

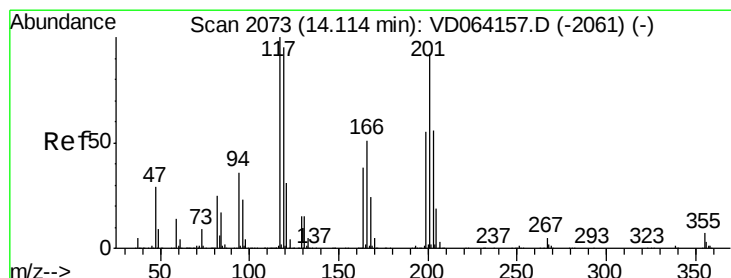
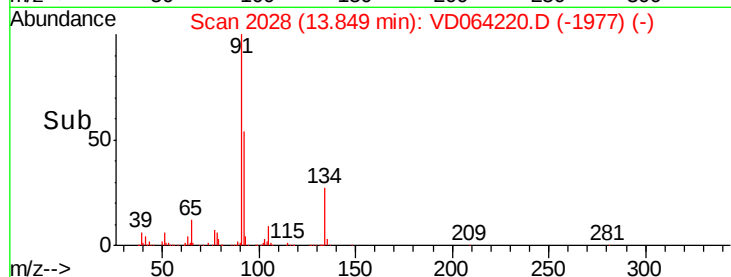
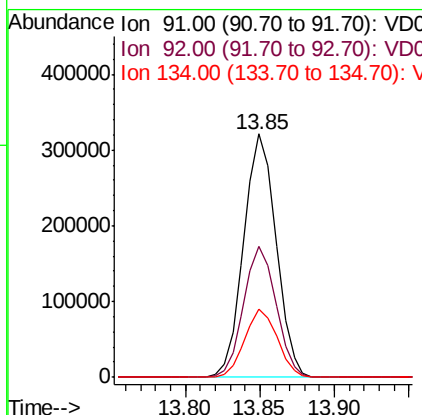
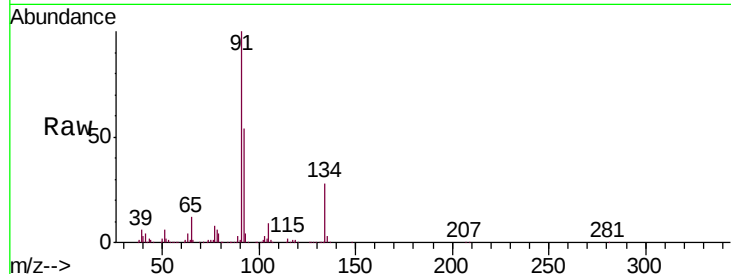




#89
n-Butylbenzene
Concen: 19.767 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

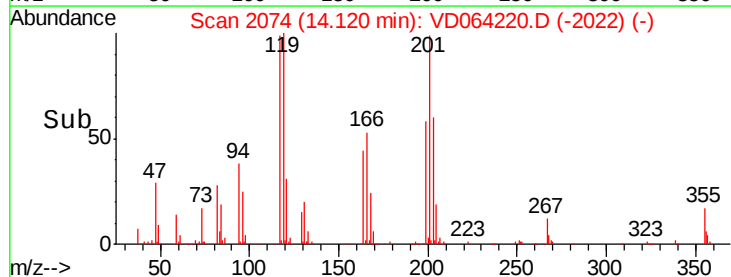
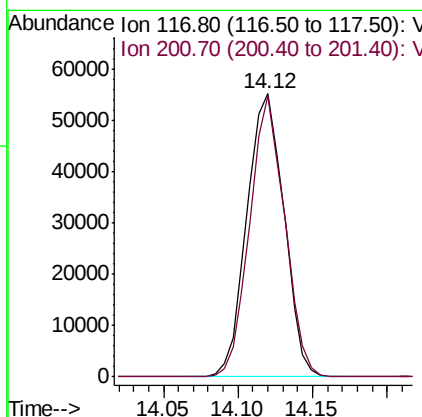
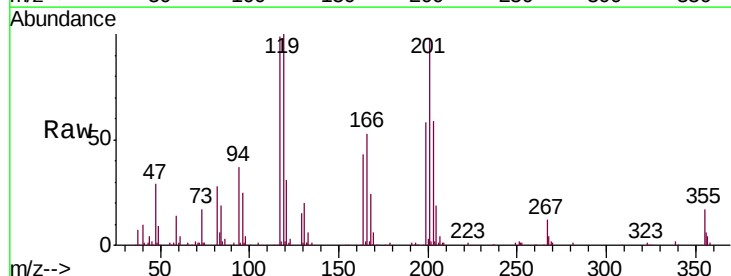
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion: 91 Resp: 483951
Ion Ratio Lower Upper
91 100
92 53.8 27.3 81.8
134 28.0 14.1 42.4



#90
Hexachloroethane
Concen: 18.953 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion: 117 Resp: 94918
Ion Ratio Lower Upper
117 100
201 93.3 45.8 137.4

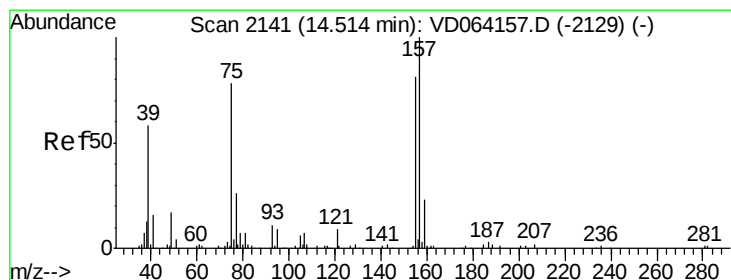
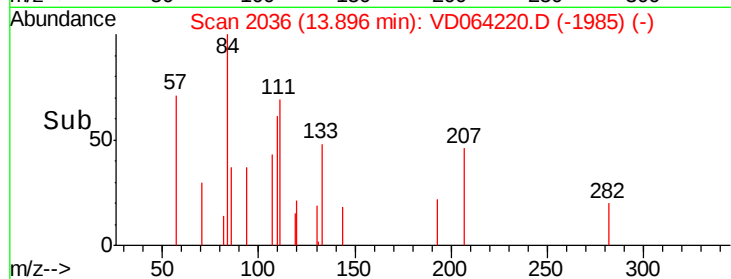
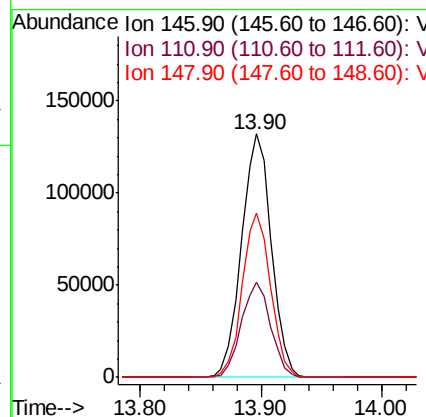
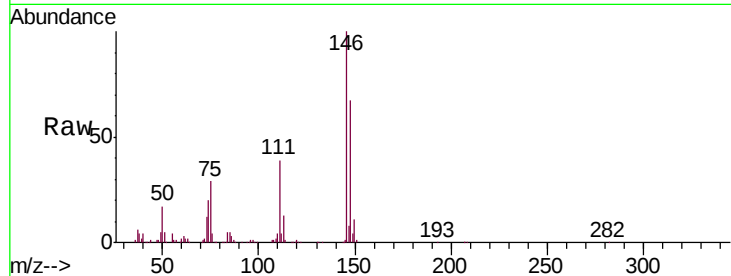




#91
 1,2-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

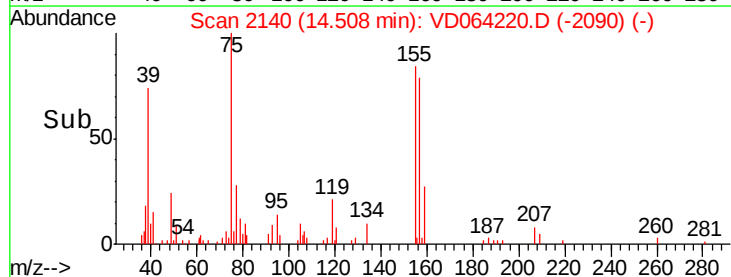
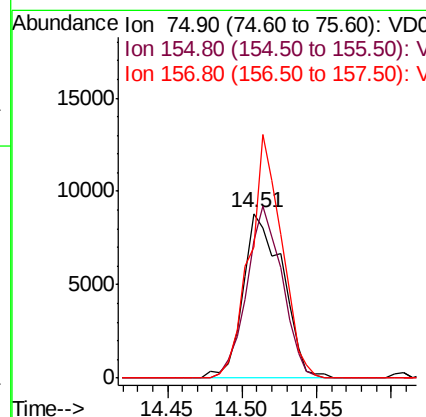
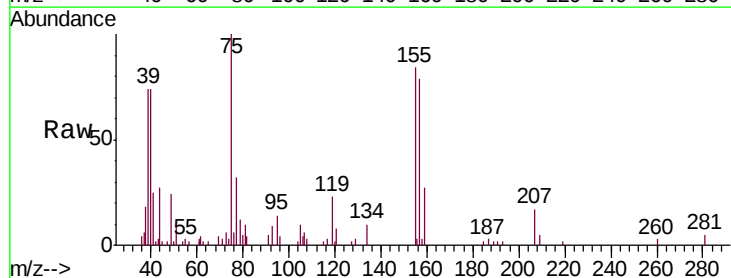
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.0
148	64.2	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.500 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	48.0	144.0
157	119.8	61.5	184.4

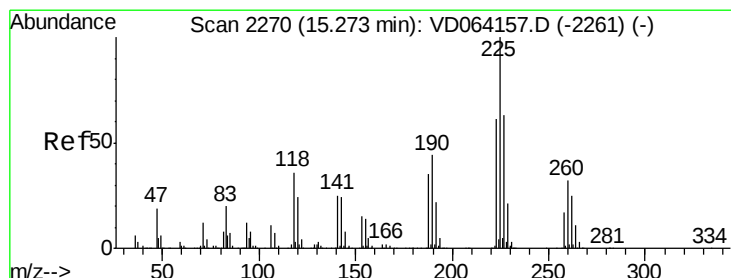
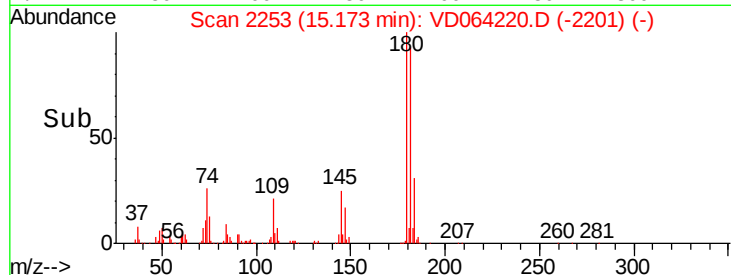
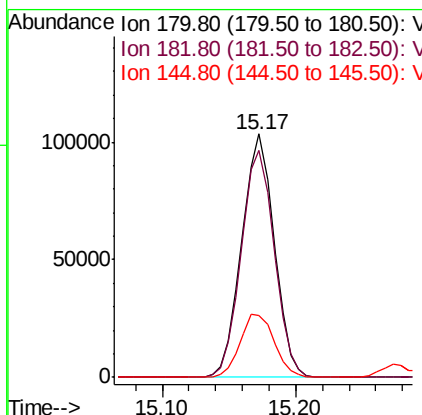
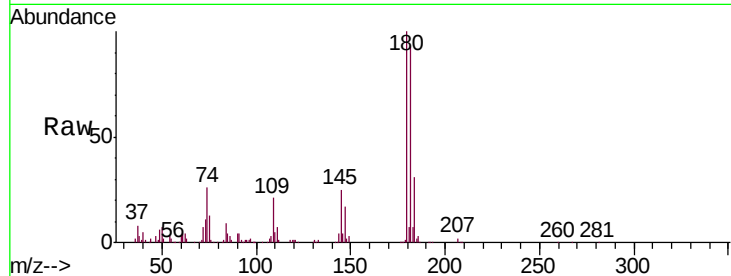




#93
 1,2,4-Trichlorobenzene
 Concen: 20.207 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

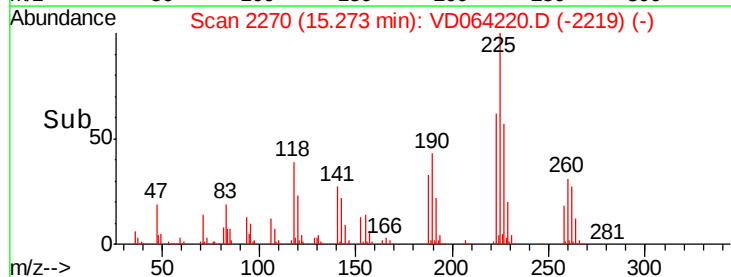
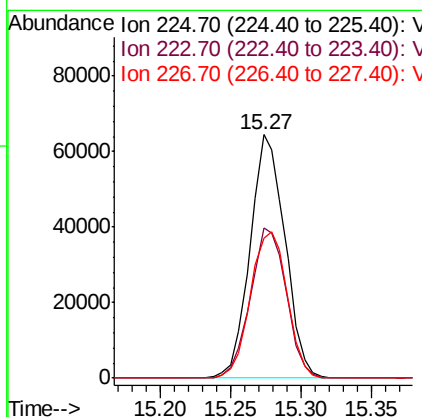
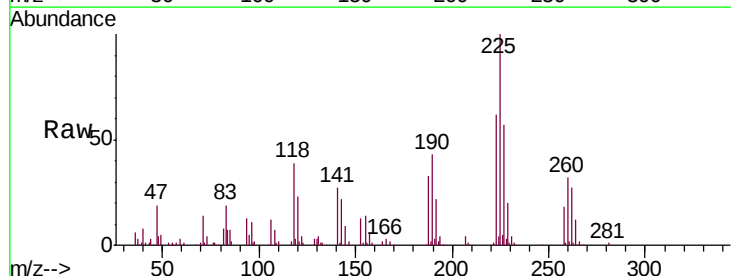
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	27.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 20.085 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD064220.D
 Acq: 15 Nov 2019 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	63.3	31.5	94.5

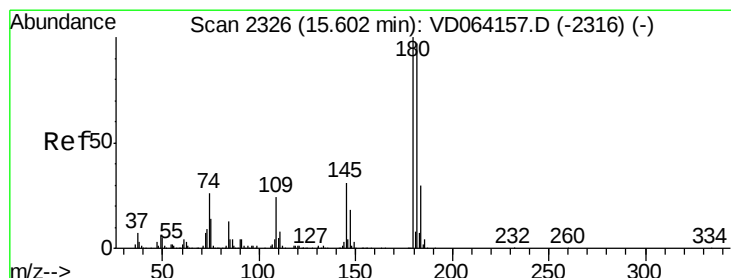
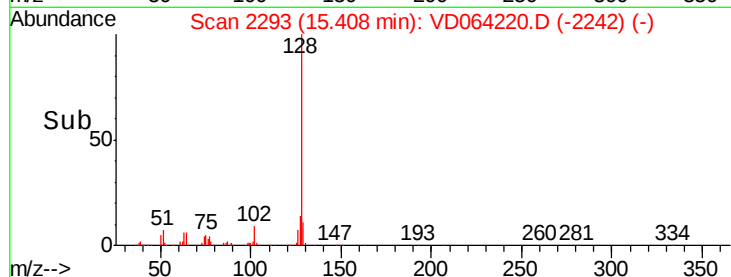
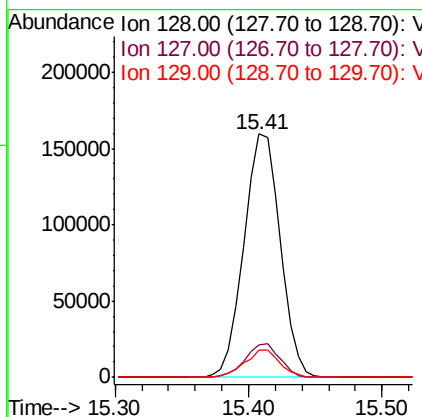
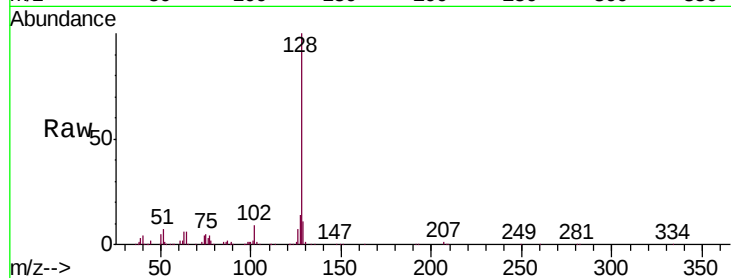




#95
Naphthalene
Concen: 21.155 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD064220.D
Acq: 15 Nov 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.9
145	31.7	15.3	45.8

