

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
 Data File : VD064378.D
 Acq On : 26 Nov 2019 12:24
 Operator : VA/SY
 Sample : VD1126SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Quant Time: Nov 26 13:00:31 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	480298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	689532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	600749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	195589	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.92	113	202545	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.34	98	749929	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.64	95	244691	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75767	19.020	ug/l	99
3) Chloromethane	2.21	50	94613	22.143	ug/l	100
4) Vinyl Chloride	2.35	62	115840	25.353	ug/l	97
5) Bromomethane	2.76	94	80994	28.072	ug/l	99
6) Chloroethane	2.92	64	80797	27.674	ug/l	98
7) Trichlorofluoromethane	3.27	101	202830	27.380	ug/l	91
8) Diethyl Ether	3.70	74	41246	20.249	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92239	21.785	ug/l	98
10) Methyl Iodide	4.29	142	89544	19.805	ug/l	98
11) Tert butyl alcohol	5.26	59	26410	95.722	ug/l	97
12) 1,1-Dichloroethene	4.06	96	84962	21.052	ug/l	99
13) Acrolein	3.93	56	14688	62.929	ug/l	96
14) Allyl chloride	4.71	41	136875	19.182	ug/l	95
15) Acrylonitrile	5.43	53	91142	104.959	ug/l	97
16) Acetone	4.17	43	82602	88.269	ug/l	93
17) Carbon Disulfide	4.40	76	236605	18.825	ug/l	99
18) Methyl Acetate	4.71	43	52020	19.903	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	190226	19.744	ug/l	98
20) Methylene Chloride	4.96	84	94311	19.951	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	95844	20.961	ug/l	94
22) Diisopropyl ether	6.37	45	261572	19.756	ug/l	97
23) Vinyl Acetate	6.31	43	732079	99.195	ug/l	99
24) 1,1-Dichloroethane	6.27	63	160192	20.838	ug/l	99
25) 2-Butanone	7.23	43	118213	97.778	ug/l	96
26) 2,2-Dichloropropane	7.21	77	152969	20.291	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105190	21.452	ug/l	96
28) Bromochloromethane	7.55	49	43869	16.391	ug/l	98
29) Tetrahydrofuran	7.57	42	74814	102.994	ug/l	99
30) Chloroform	7.71	83	173269	22.035	ug/l	98
31) Cyclohexane	7.98	56	152733	19.700	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	157841	20.963	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132982	20.897	ug/l	99
37) Ethyl Acetate	7.30	43	55131	20.550	ug/l	97
38) Carbon Tetrachloride	8.10	117	142278	20.894	ug/l	97

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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)
39) Methylcyclohexane	9.36	83	162029	20.122	ug/l	95
40) Benzene	8.35	78	364172	20.939	ug/l	99
41) Methacrylonitrile	7.53	41	29582	17.543	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	107403	20.561	ug/l	99
43) Isopropyl Acetate	8.46	43	104895	18.976	ug/l	96
44) Trichloroethene	9.11	130	110567	21.181	ug/l	99
45) 1,2-Dichloropropane	9.39	63	90090	21.281	ug/l	98
46) Dibromomethane	9.47	93	48704	21.490	ug/l	97
47) Bromodichloromethane	9.66	83	126984	20.802	ug/l	99
48) Methyl methacrylate	9.46	41	52379	19.379	ug/l	98
49) 1,4-Dioxane	9.47	88	12059	443.049	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	261713	98.731	ug/l	99
52) Toluene	10.41	92	238304	20.837	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	119598	19.556	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	143630	20.126	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	66872	21.751	ug/l	97
56) Ethyl methacrylate	10.67	69	82888	19.273	ug/l	96
57) 1,3-Dichloropropane	10.95	76	113070	21.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	170189	97.692	ug/l	98
59) 2-Hexanone	10.99	43	183194	97.140	ug/l	100
60) Dibromochloromethane	11.14	129	88681	20.672	ug/l	99
61) 1,2-Dibromoethane	11.25	107	65419	21.245	ug/l	99
64) Tetrachloroethene	10.88	164	96526	20.892	ug/l	96
65) Chlorobenzene	11.67	112	259857	21.271	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	95222	20.499	ug/l	97
67) Ethyl Benzene	11.75	91	462267	20.920	ug/l	98
68) m/p-Xylenes	11.86	106	347502	41.028	ug/l	98
69) o-Xylene	12.18	106	161886	20.609	ug/l	96
70) Styrene	12.20	104	279648	20.394	ug/l	99
71) Bromoform	12.37	173	53506	20.240	ug/l #	97
73) Isopropylbenzene	12.48	105	442350	20.646	ug/l	99
74) N-amyl acetate	12.29	43	94610	18.699	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	70790	21.927	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	91554	38.939	ug/l #	100
77) Bromobenzene	12.77	156	111108	21.345	ug/l	96
78) n-propylbenzene	12.83	91	516079	21.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	280993	20.332	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	363454	20.644	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	21923	18.521	ug/l	98
82) 4-Chlorotoluene	13.01	91	295656	20.510	ug/l	100
83) tert-Butylbenzene	13.23	119	319318	20.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	357771	20.584	ug/l	99
85) sec-Butylbenzene	13.41	105	439281	21.068	ug/l	99
86) p-Isopropyltoluene	13.53	119	405947	20.479	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	198211	20.514	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	197650	20.959	ug/l	98
89) n-Butylbenzene	13.85	91	370692	20.699	ug/l	99
90) Hexachloroethane	14.12	117	76408	20.857	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	173195	21.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10848	18.793	ug/l	94

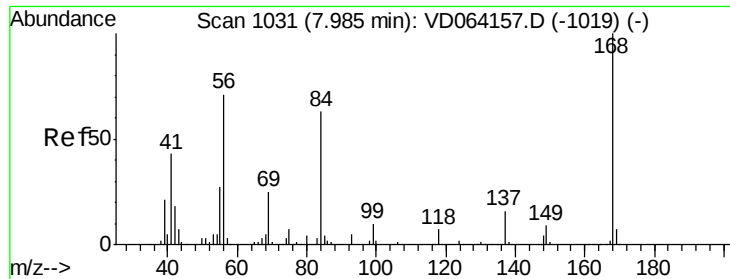
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
Data File : VD064378.D
Acq On : 26 Nov 2019 12:24
Operator : VA/SY
Sample : VD1126SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

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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)
93) 1,2,4-Trichlorobenzene	15.17	180	129043	20.454	ug/l	99
94) Hexachlorobutadiene	15.28	225	83721	20.546	ug/l	99
95) Naphthalene	15.41	128	213837	20.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	111790	20.846	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

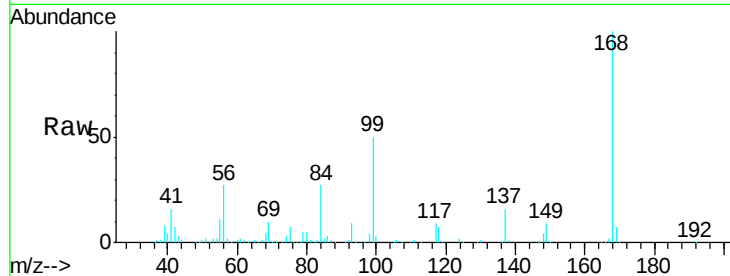
VD1126SBSD01

Tgt Ion:168 Resp: 480298

Ion Ratio Lower Upper

168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

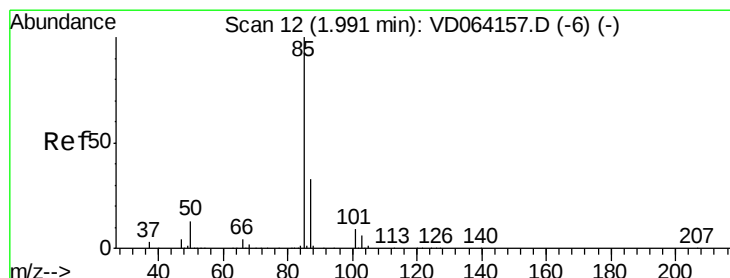
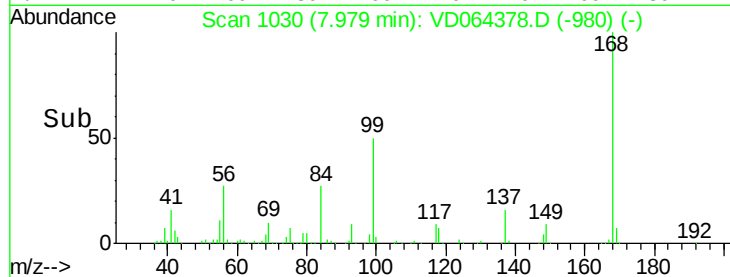
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.020 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064378.D

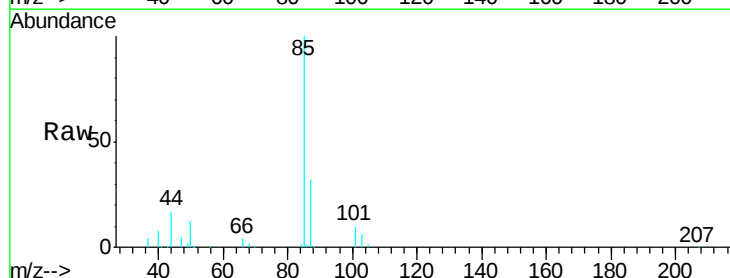
Acq: 26 Nov 2019 12:24

Tgt Ion: 85 Resp: 75767

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

20000

10000

0

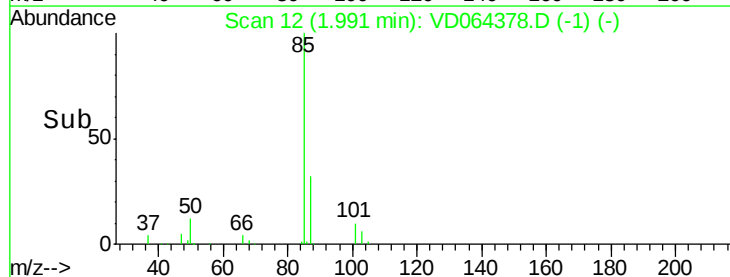
1.90

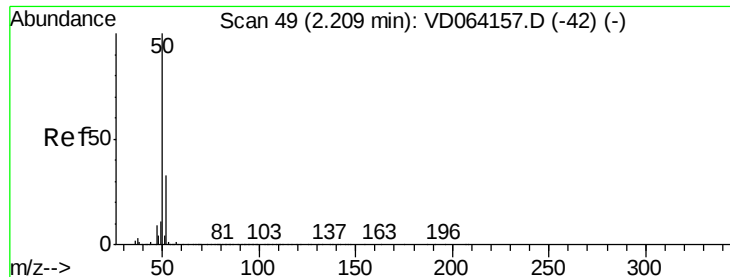
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 22.143 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

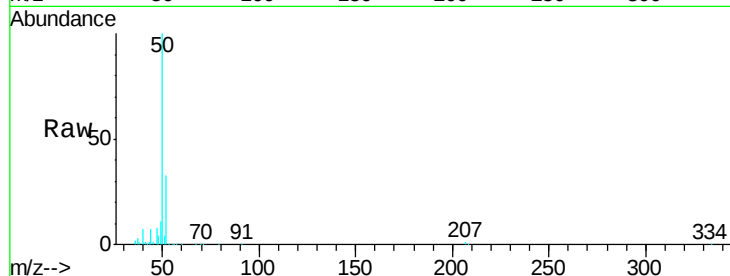
VD1126SBSD01

Tgt Ion: 50 Resp: 94613

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

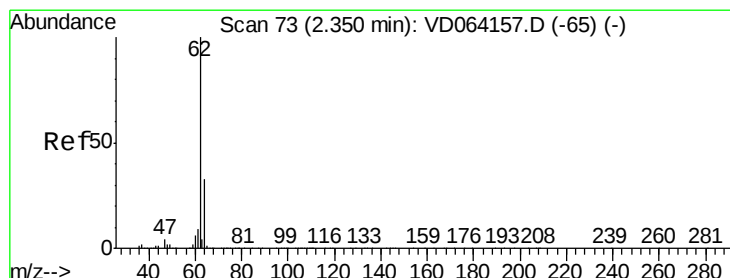
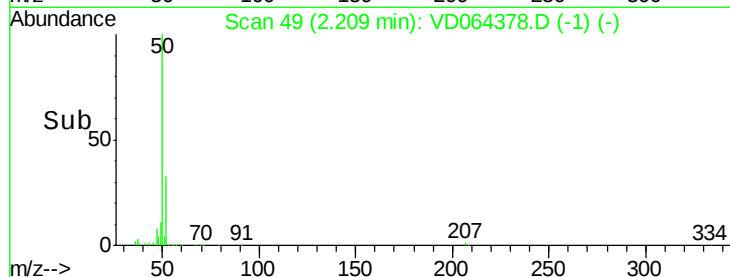
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 25.353 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064378.D

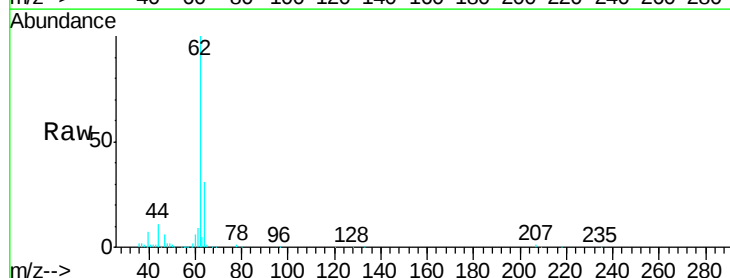
Acq: 26 Nov 2019 12:24

Tgt Ion: 62 Resp: 115840

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

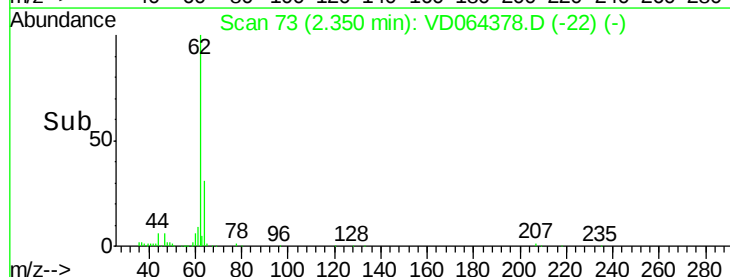
60000

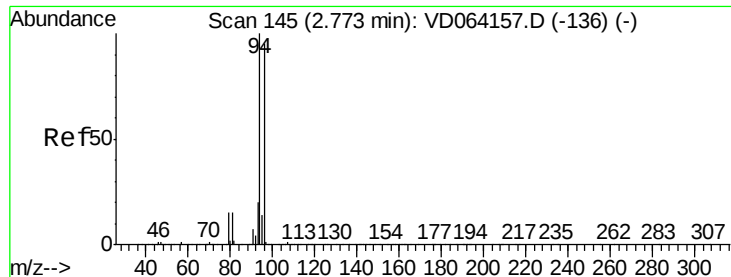
40000

20000

0

Time-->





#5

Bromomethane

Concen: 28.072 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

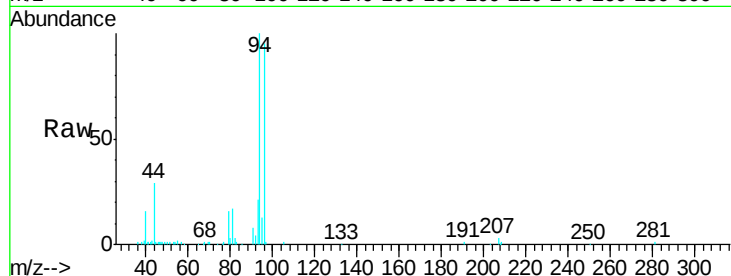
VD1126SBSD01

Tgt Ion: 94 Resp: 80994

Ion Ratio Lower Upper

94 100

96 94.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

40000

30000

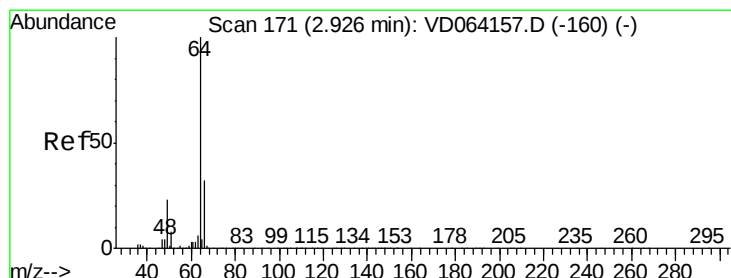
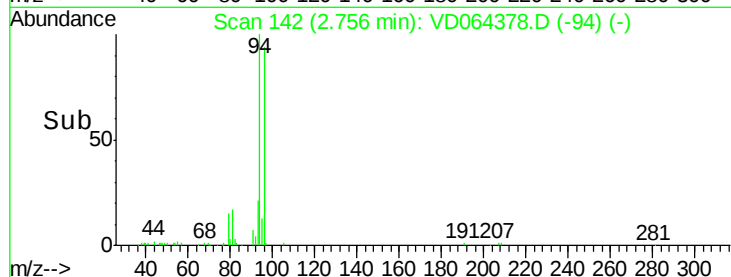
20000

10000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 27.674 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064378.D

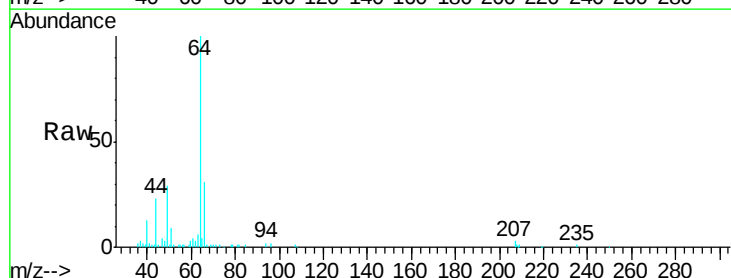
Acq: 26 Nov 2019 12:24

Tgt Ion: 64 Resp: 80797

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

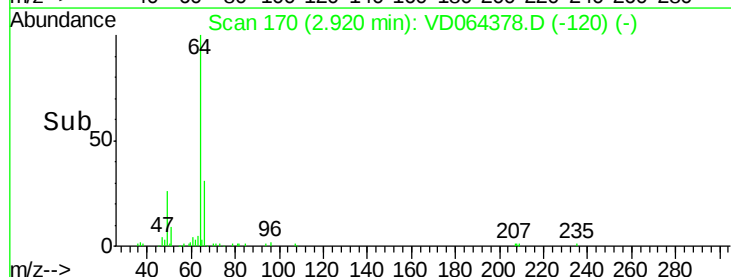
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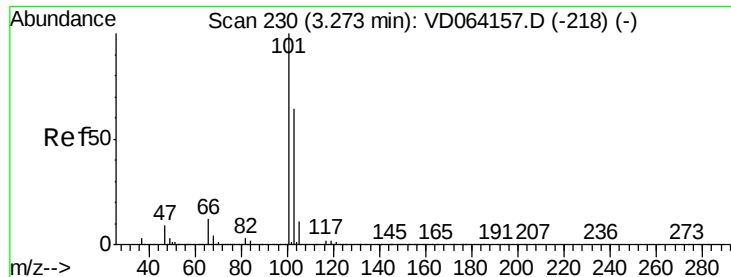
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0

Time-->

2.80 2.90 3.00



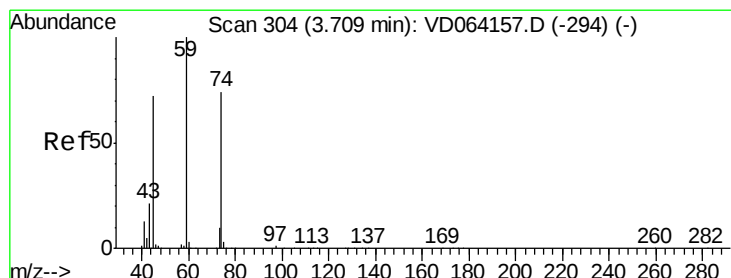
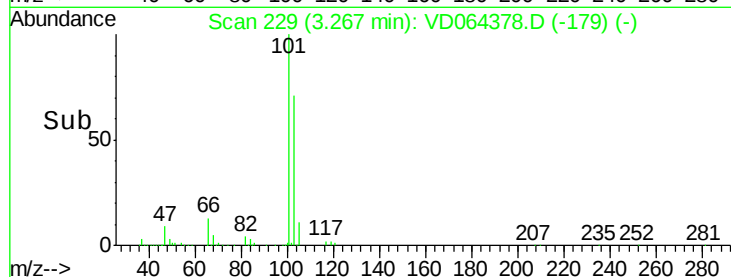
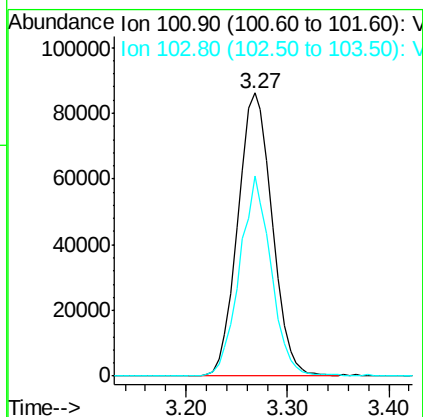
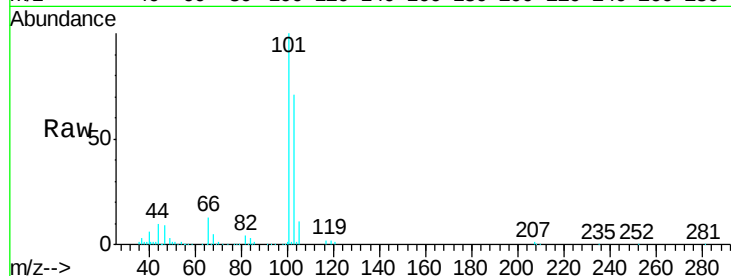


#7

Trichlorofluoromethane
 Concen: 27.380 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

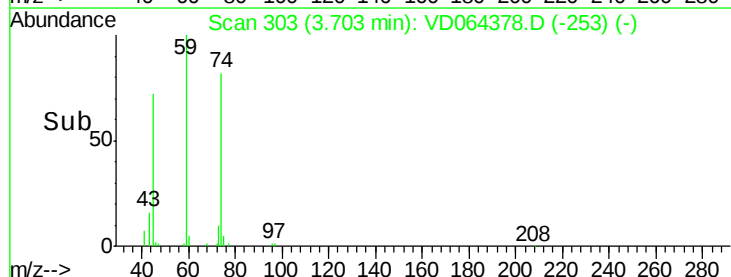
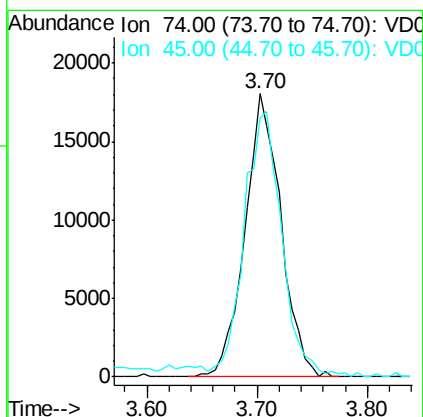
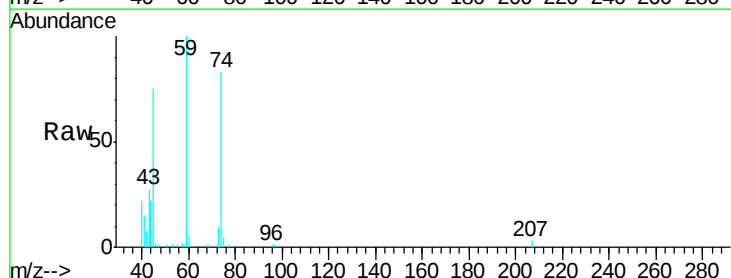
Tgt Ion: 101 Resp: 202830
 Ion Ratio Lower Upper
 101 100
 103 70.7 50.8 76.2

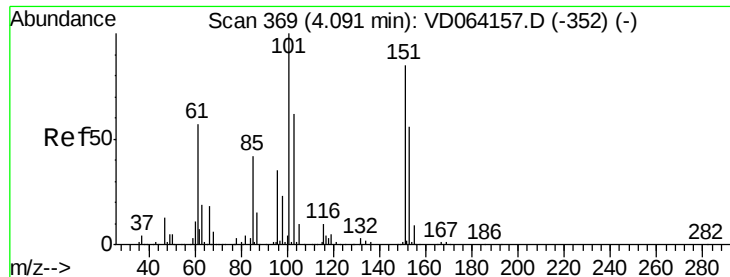


#8

Diethyl Ether
 Concen: 20.249 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion: 74 Resp: 41246
 Ion Ratio Lower Upper
 74 100
 45 98.8 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.785 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

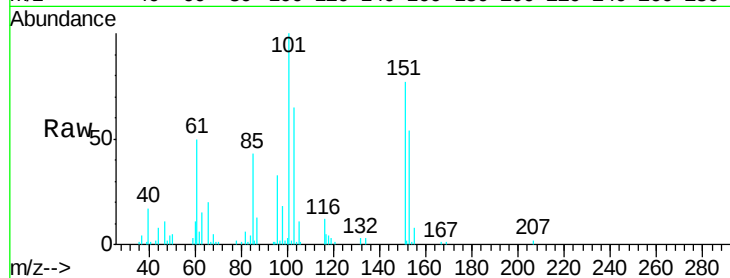
Tgt Ion:101 Resp: 92239

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

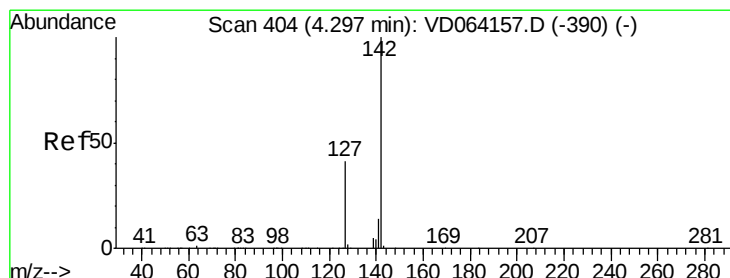
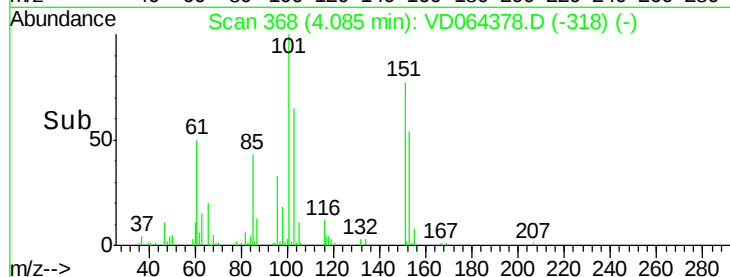
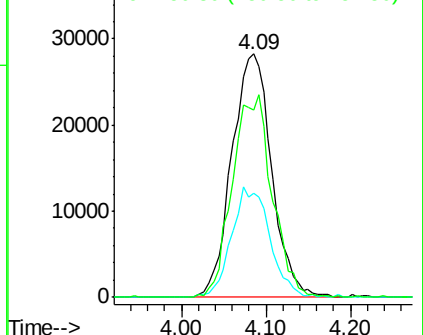
151 83.1 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.805 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

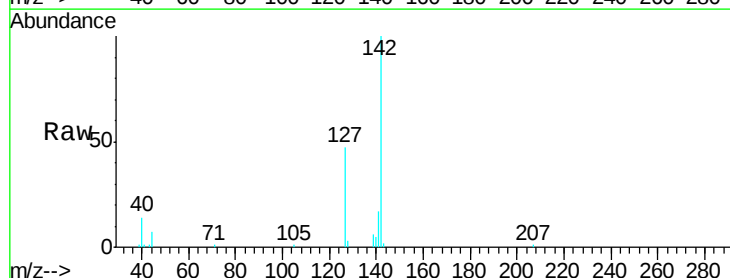
Tgt Ion:142 Resp: 89544

Ion Ratio Lower Upper

142 100

127 43.9 34.4 51.6

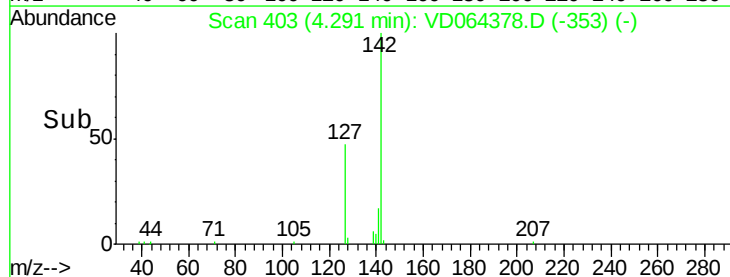
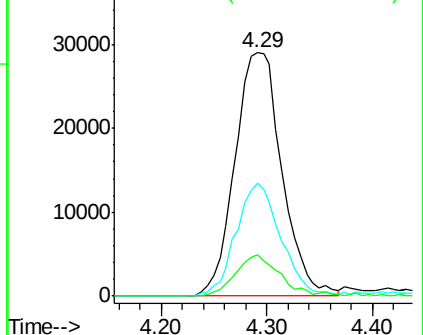
141 15.6 11.2 16.8

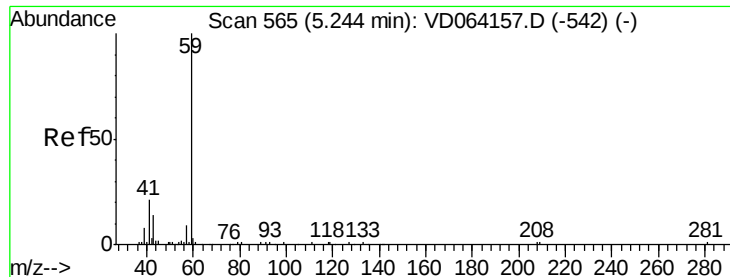


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

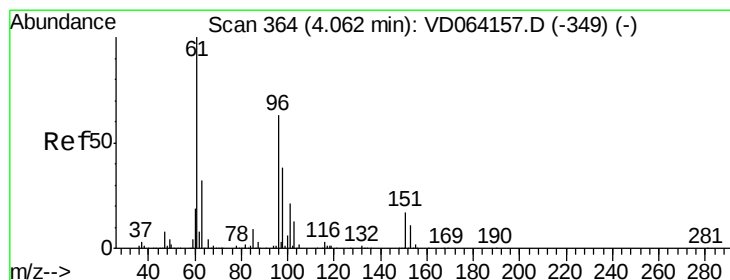
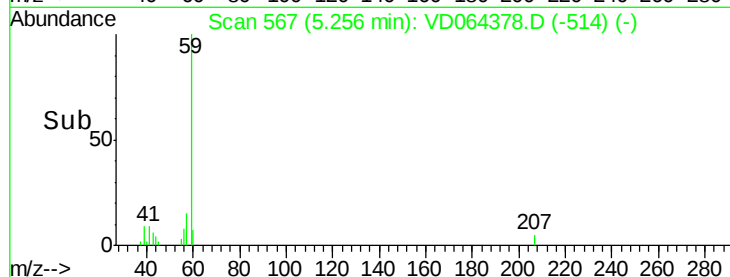
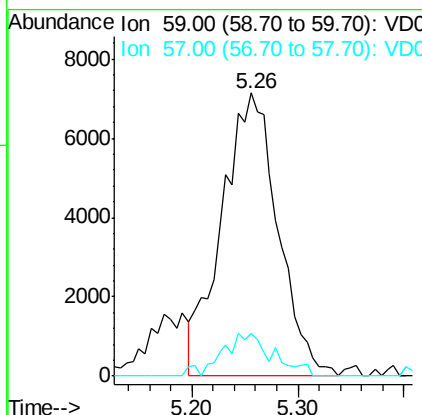
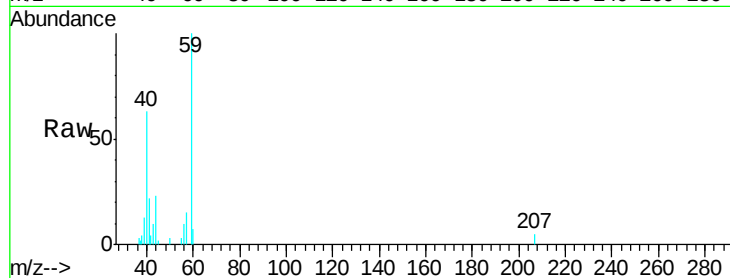




#11
Tert butyl alcohol
Concen: 95.722 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

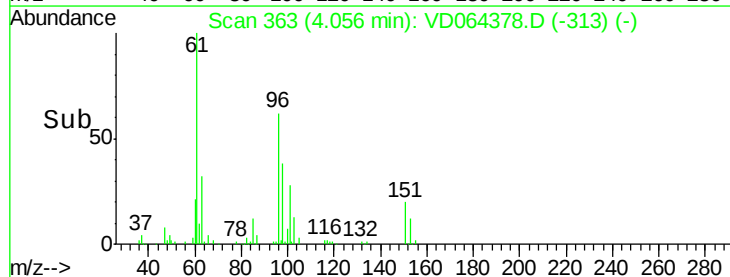
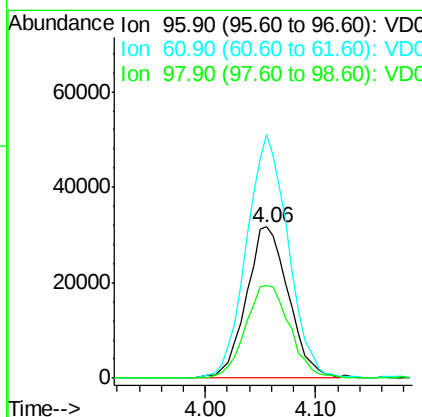
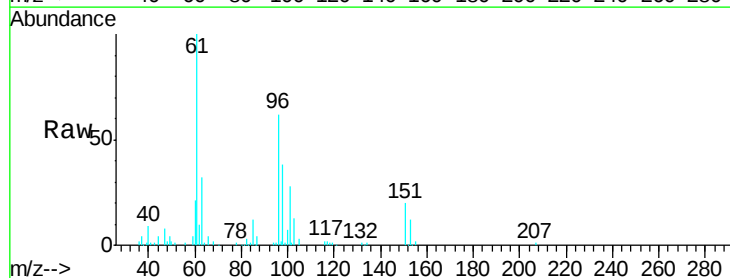
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

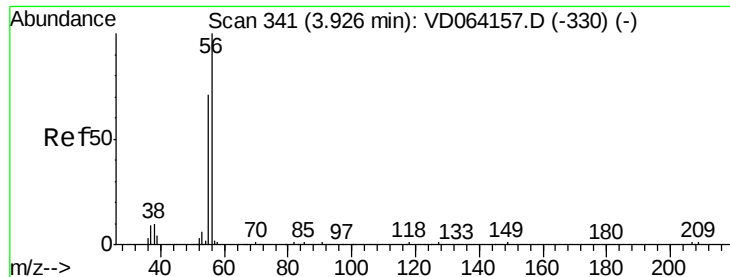
Tgt Ion: 59 Resp: 26410
Ion Ratio Lower Upper
59 100
57 13.0 9.4 14.2



#12
1,1-Dichloroethene
Concen: 21.052 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 96 Resp: 84962
Ion Ratio Lower Upper
96 100
61 160.8 127.4 191.2
98 61.0 48.1 72.1





#13

Acrolein

Concen: 62.929 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

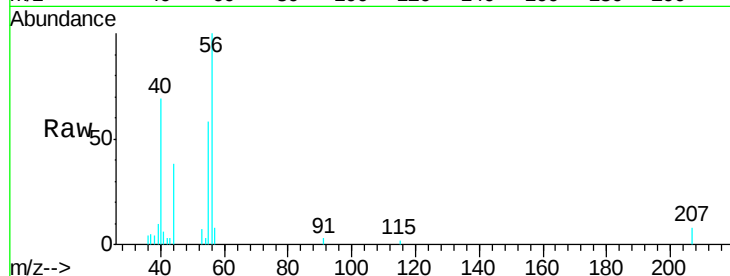
VD1126SBSD01

Tgt Ion: 56 Resp: 14688

Ion Ratio Lower Upper

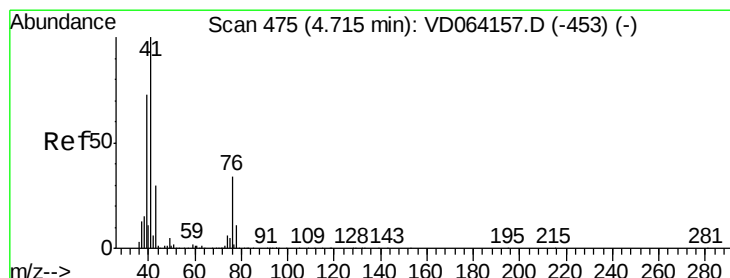
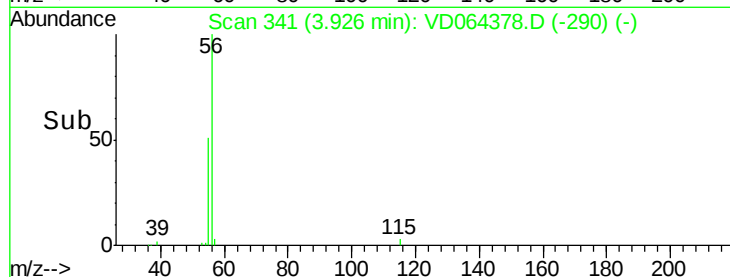
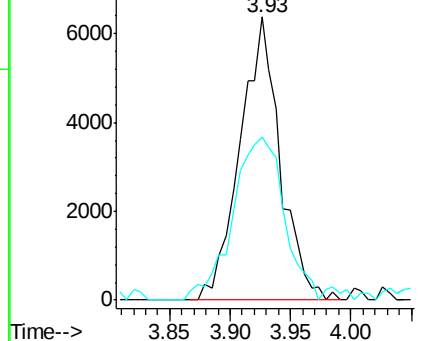
56 100

55 73.8 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: 19.182 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

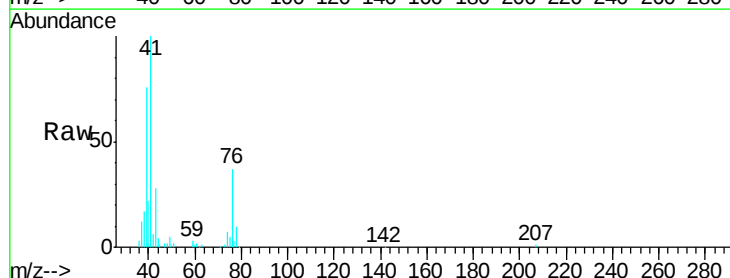
Tgt Ion: 41 Resp: 136875

Ion Ratio Lower Upper

41 100

39 75.3 57.5 86.3

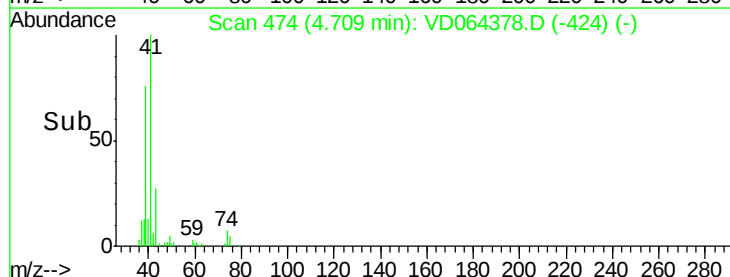
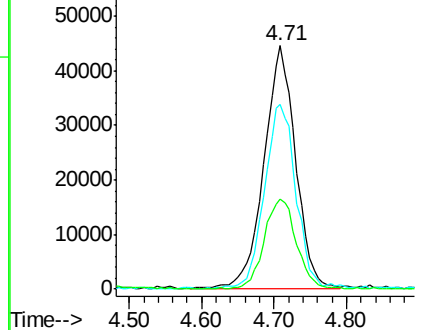
76 37.5 26.8 40.2

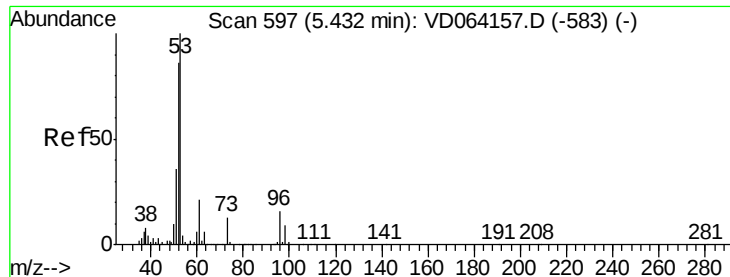


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 104.959 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

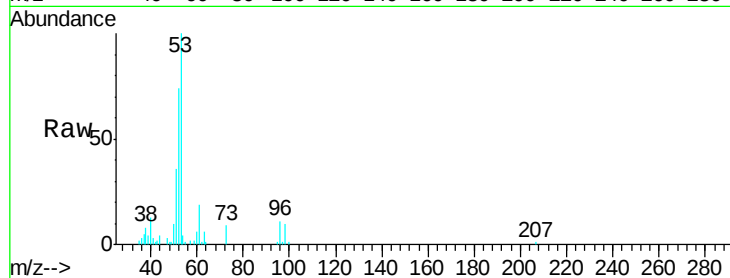
Tgt Ion: 53 Resp: 91142

Ion Ratio Lower Upper

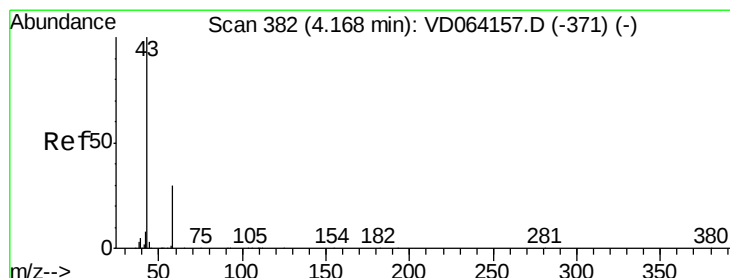
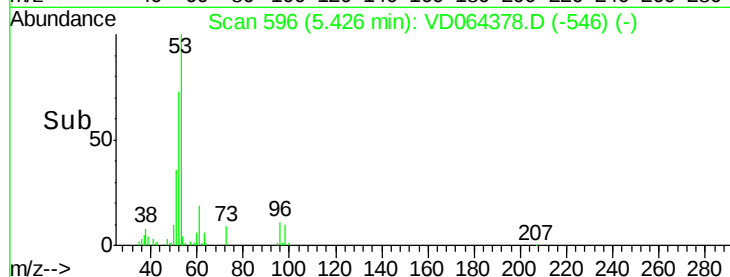
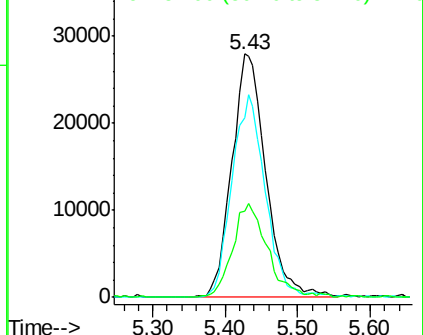
53 100

52 80.8 66.7 100.1

51 39.3 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: 88.269 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064378.D

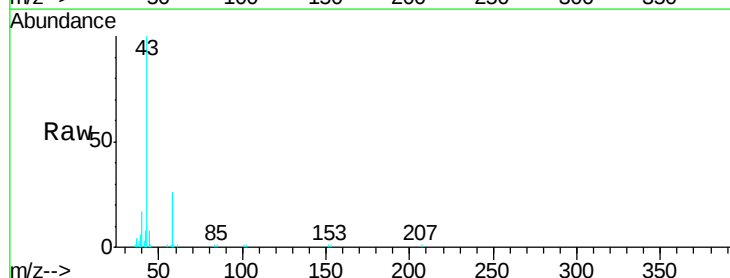
Acq: 26 Nov 2019 12:24

Tgt Ion: 43 Resp: 82602

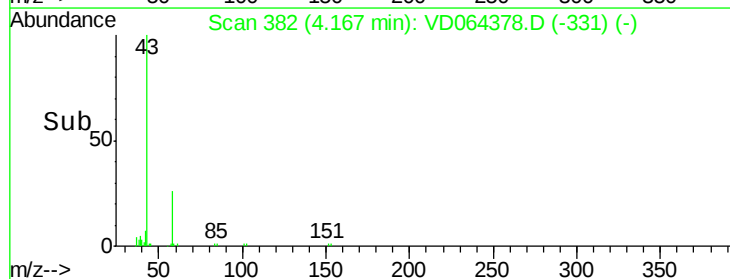
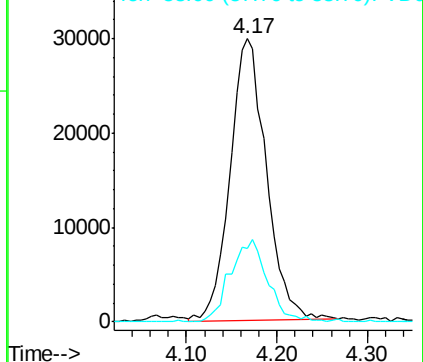
Ion Ratio Lower Upper

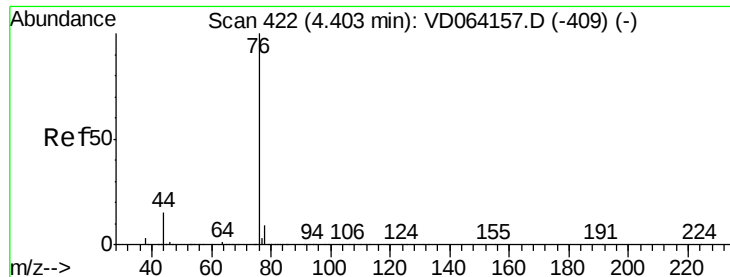
43 100

58 26.4 24.1 36.1



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

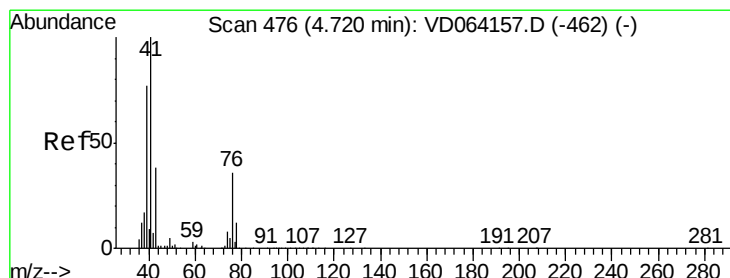
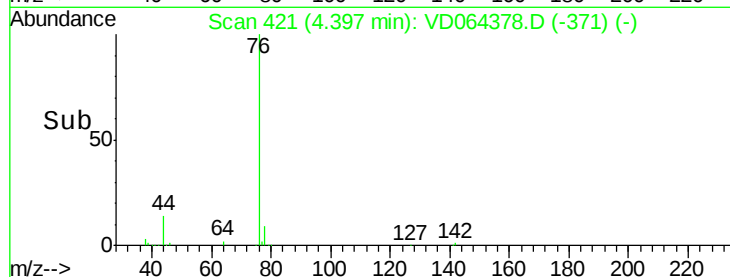
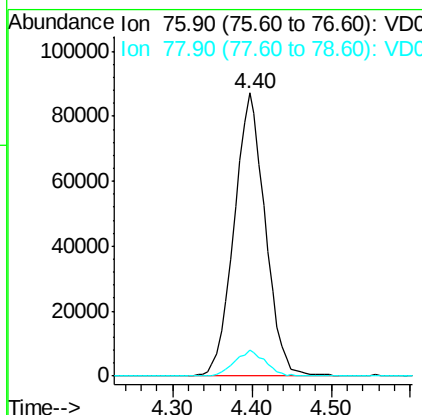
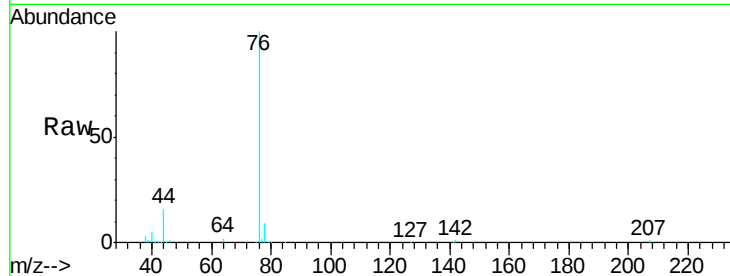




#17
Carbon Disulfide
Concen: 18.825 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

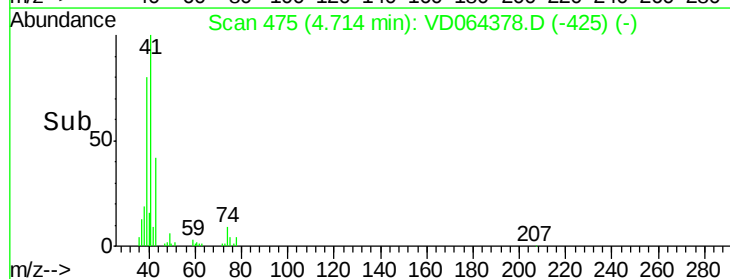
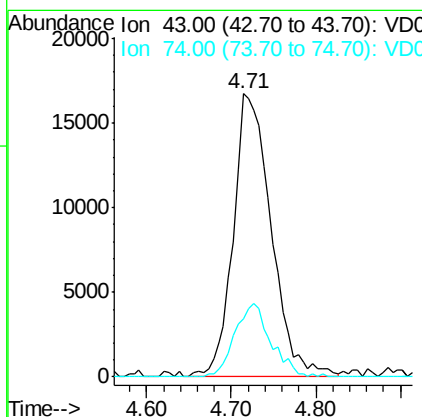
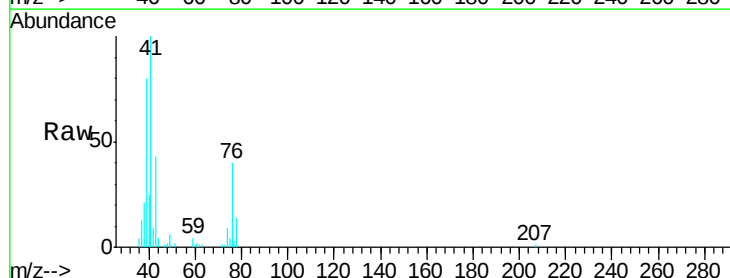
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

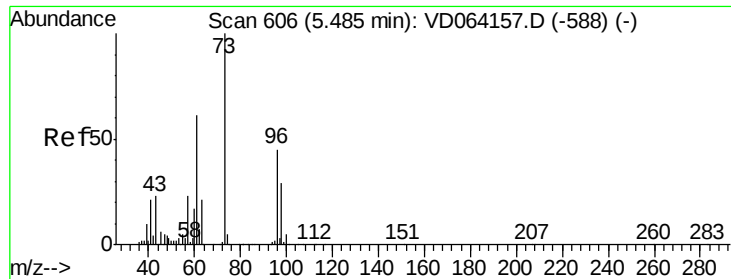
Tgt Ion: 76 Resp: 236605
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.903 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 43 Resp: 52020
Ion Ratio Lower Upper
43 100
74 24.4 18.4 27.6

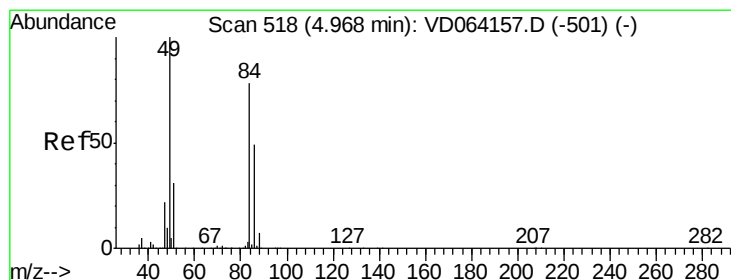
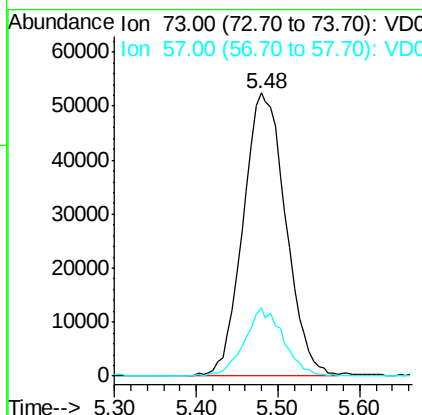
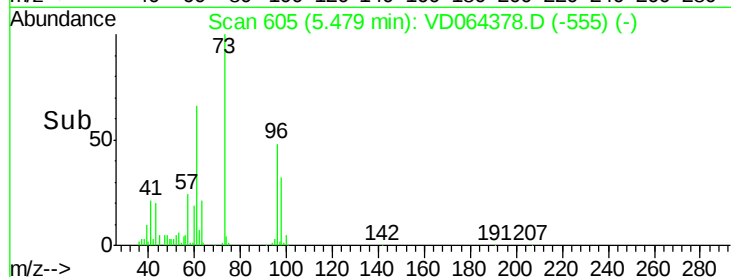
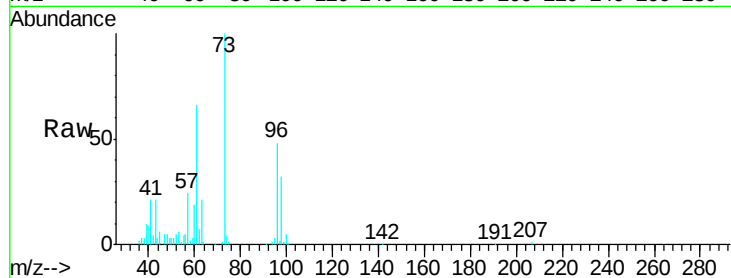




#19
Methyl tert-butyl Ether
Concen: 19.744 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

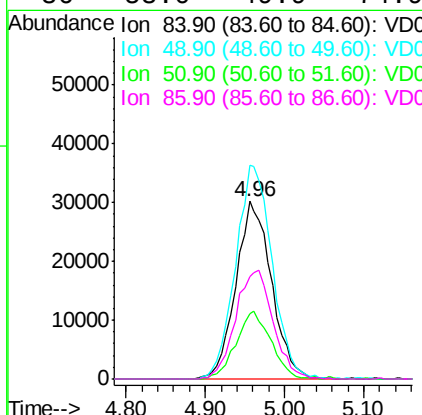
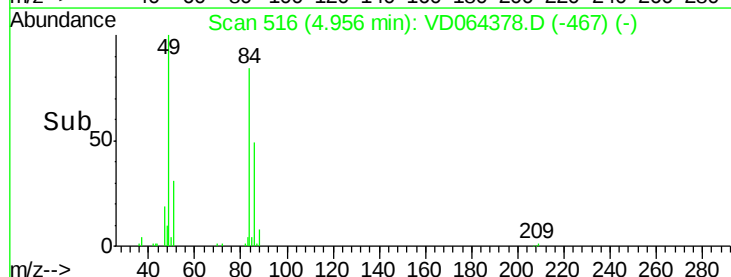
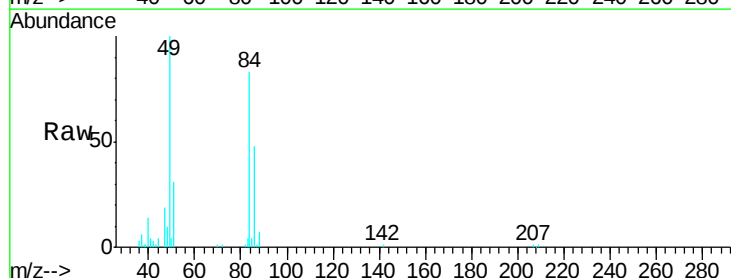
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

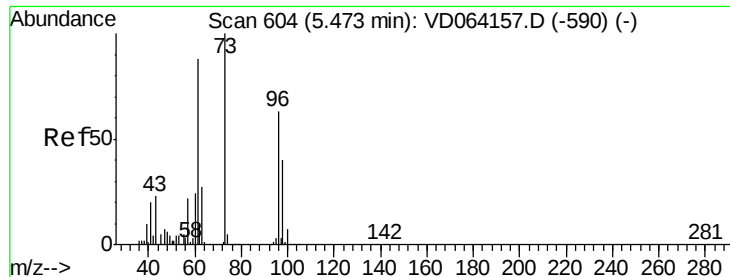
Tgt Ion: 73 Resp: 190226
Ion Ratio Lower Upper
73 100
57 24.1 18.4 27.6



#20
Methylene Chloride
Concen: 19.951 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 84 Resp: 94311
Ion Ratio Lower Upper
84 100
49 120.3 102.1 153.1
51 36.8 32.2 48.2
86 58.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.961 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

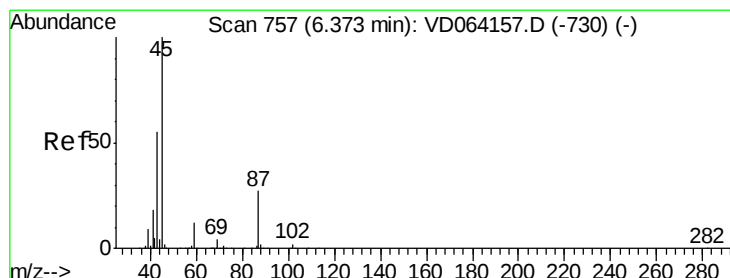
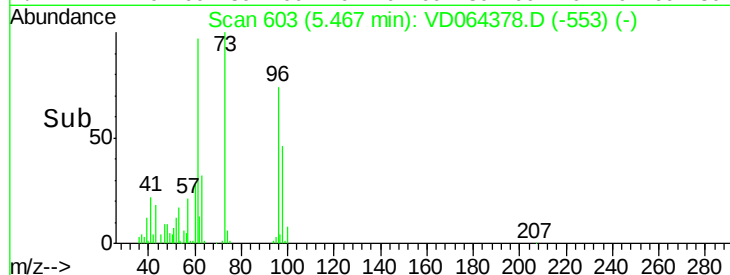
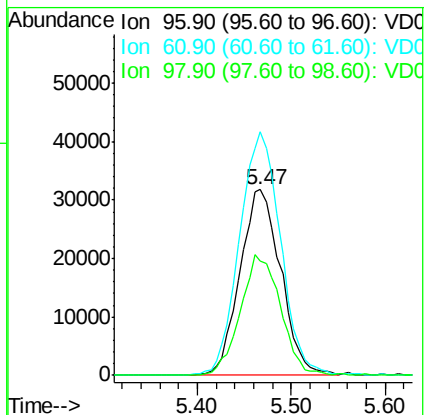
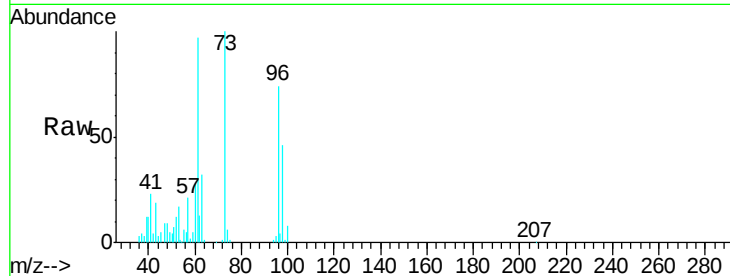
Tgt Ion: 96 Resp: 95844

Ion Ratio Lower Upper

96 100

61 131.1 111.8 167.6

98 61.3 50.3 75.5



#22

Diisopropyl ether

Concen: 19.756 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Tgt Ion: 45 Resp: 261572

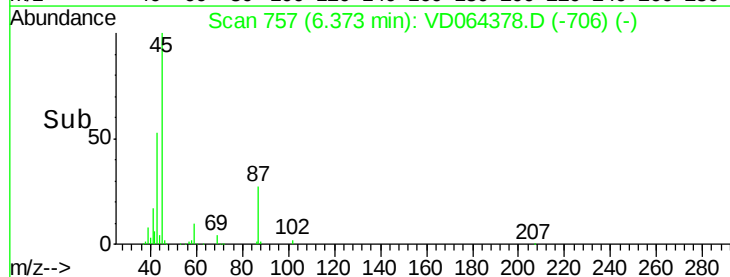
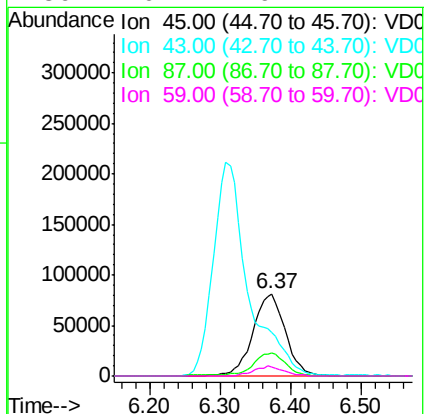
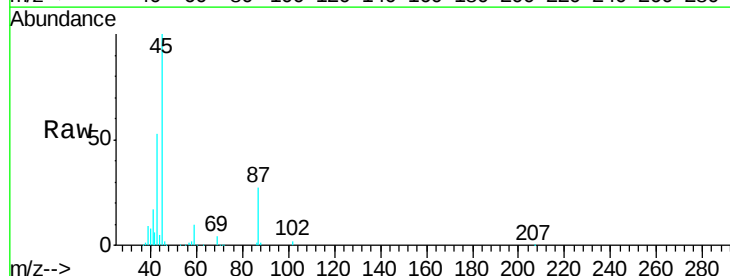
Ion Ratio Lower Upper

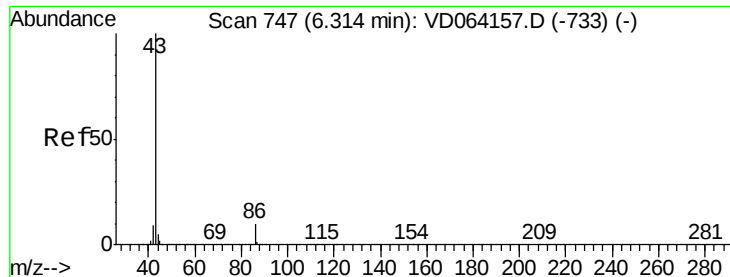
45 100

43 52.0 44.4 66.6

87 27.5 21.9 32.9

59 10.2 9.4 14.2





#23

Vinyl Acetate

Concen: 99.195 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

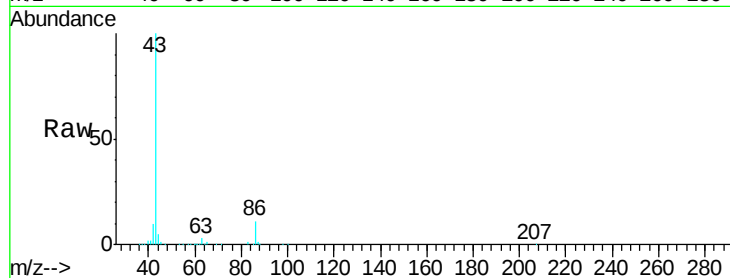
VD1126SBS01

Tgt Ion: 43 Resp: 732079

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

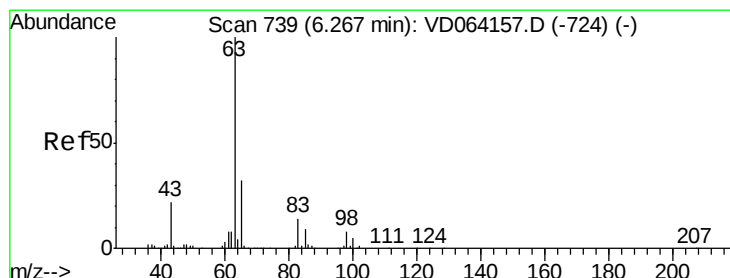
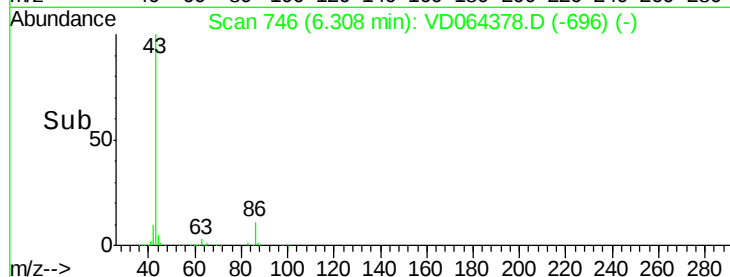
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.838 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

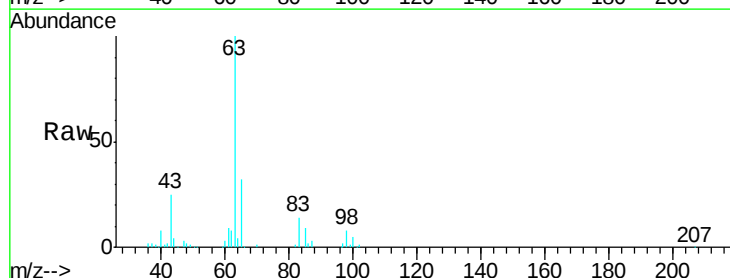
Tgt Ion: 63 Resp: 160192

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

60000

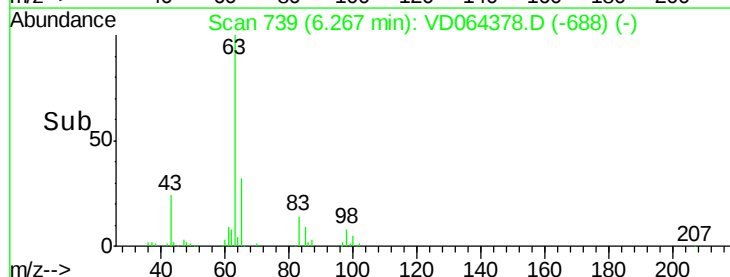
40000

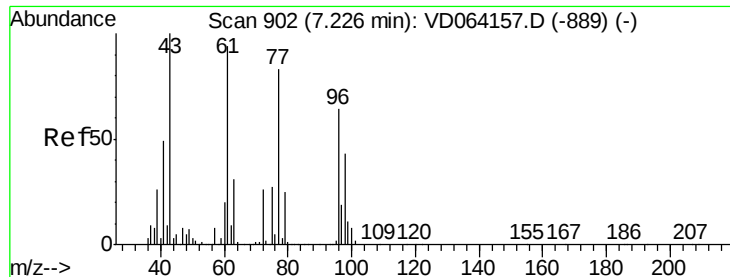
20000

0

6.20 6.30 6.40

Time-->

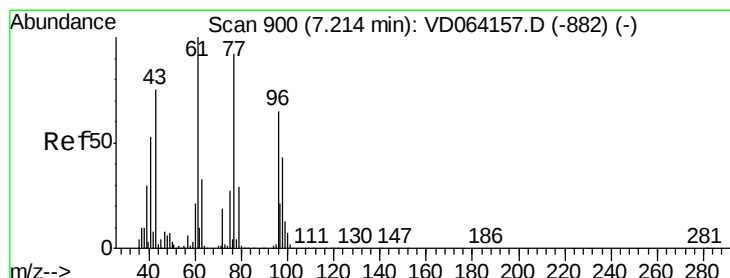
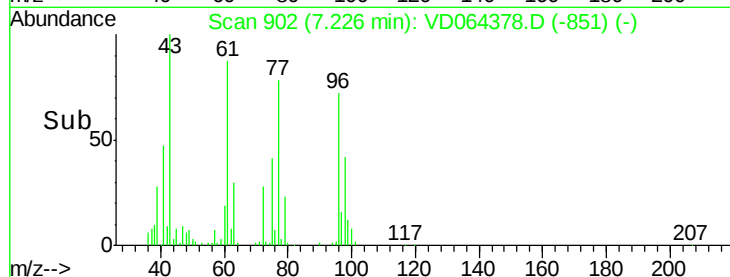
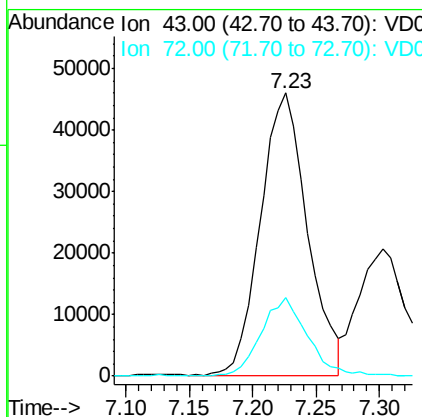
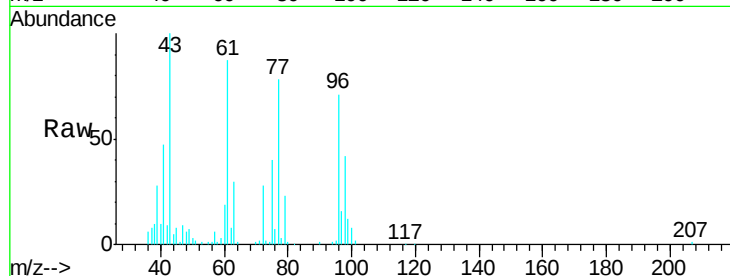




#25
2-Butanone
Concen: 97.778 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

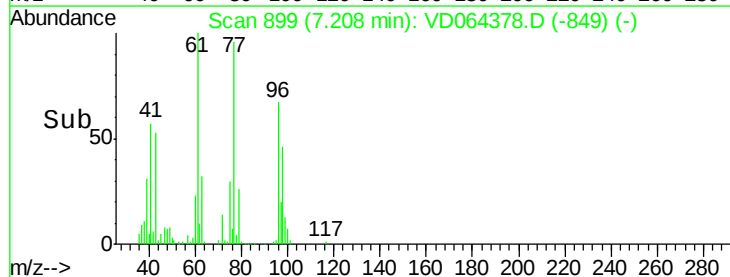
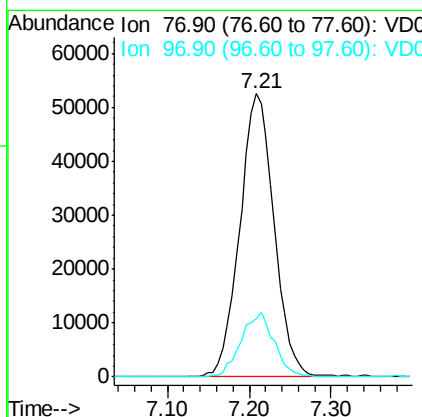
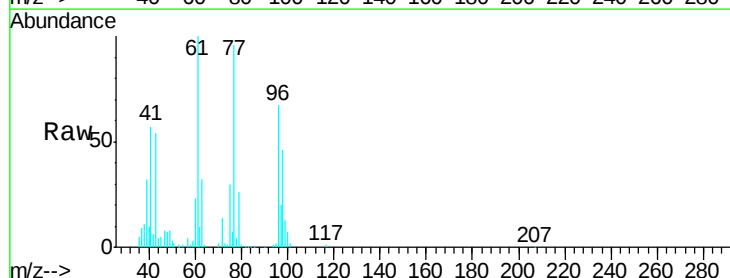
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

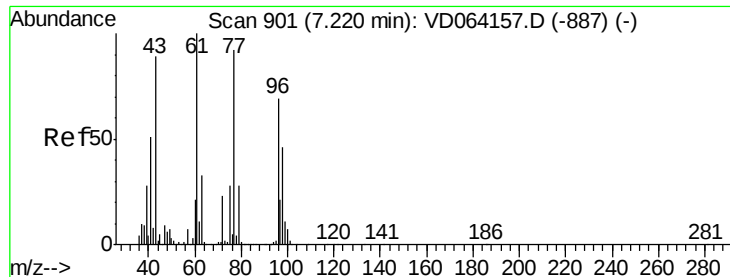
Tgt Ion: 43 Resp: 118213
Ion Ratio Lower Upper
43 100
72 27.8 20.6 30.8



#26
2,2-Dichloropropane
Concen: 20.291 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 77 Resp: 152969
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.3



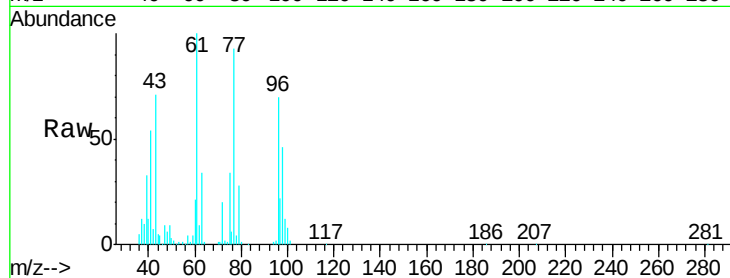


#27

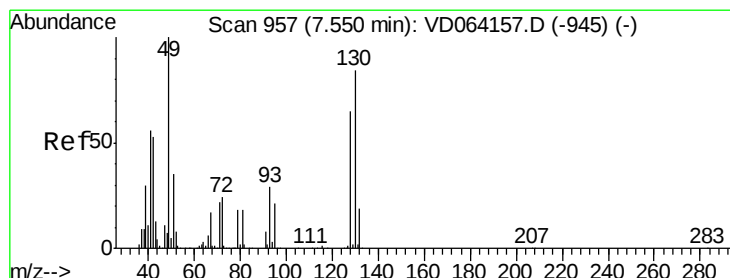
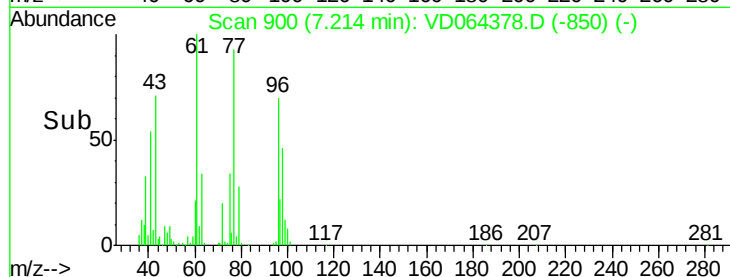
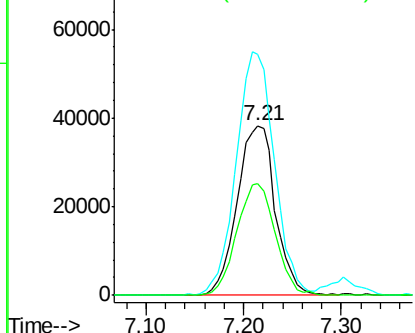
cis-1,2-Dichloroethene
Concen: 21.452 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	301.4
98	66.2	0.0	133.2



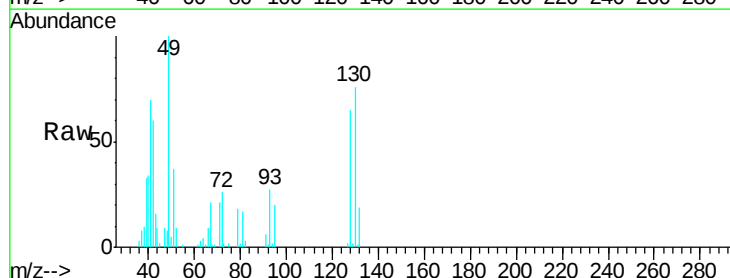
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



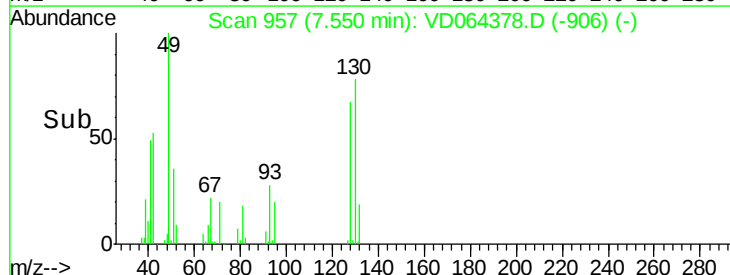
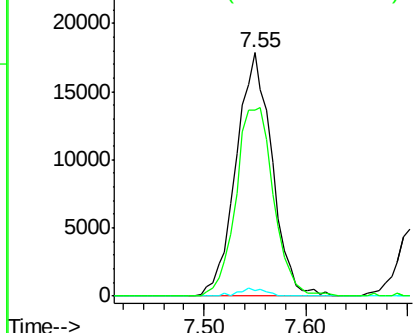
#28

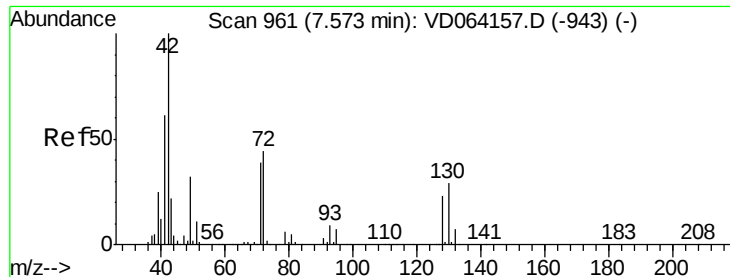
Bromochloromethane
Concen: 16.391 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	81.6	66.8	100.2



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

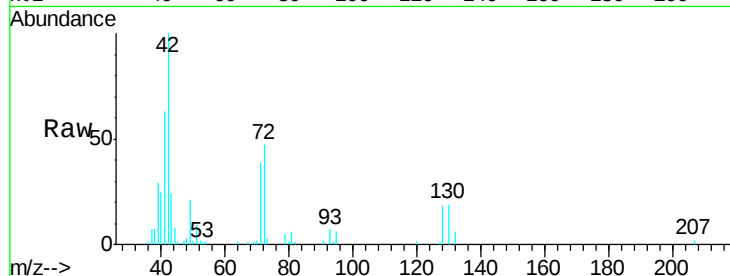




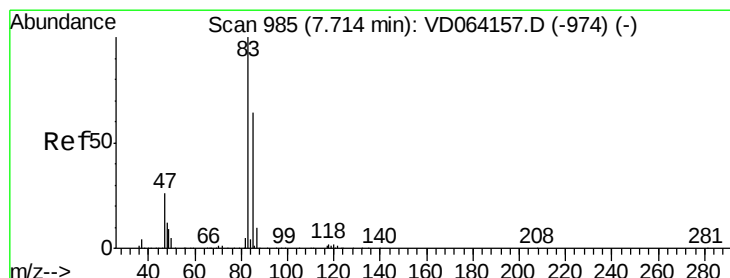
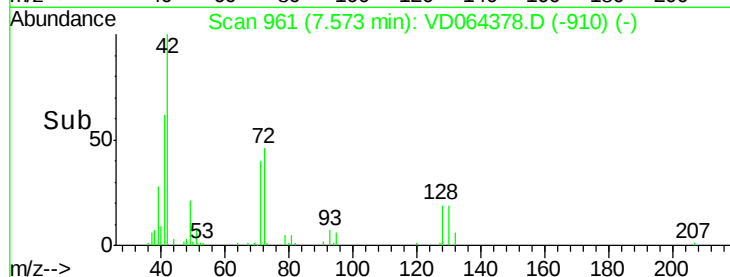
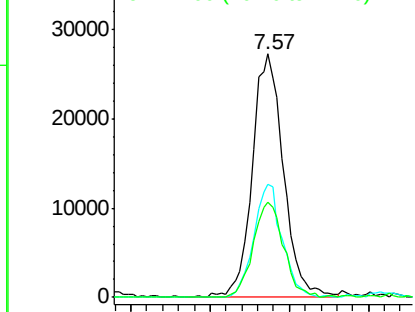
#29
Tetrahydrofuran
Concen: 102.994 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Tgt Ion: 42 Resp: 74814
Ion Ratio Lower Upper
42 100
72 42.2 33.4 50.2
71 38.2 31.0 46.4

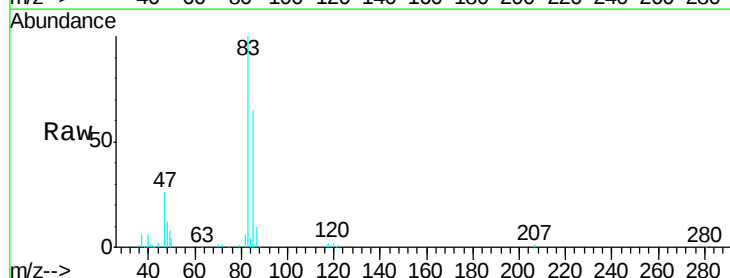


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

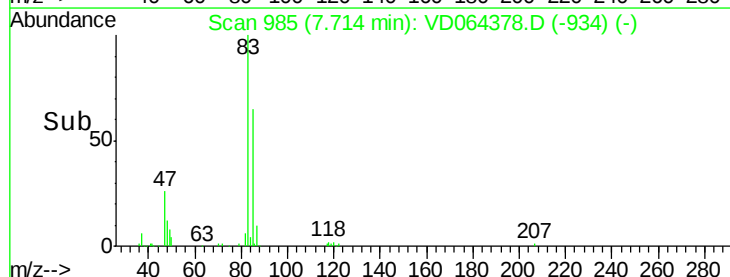
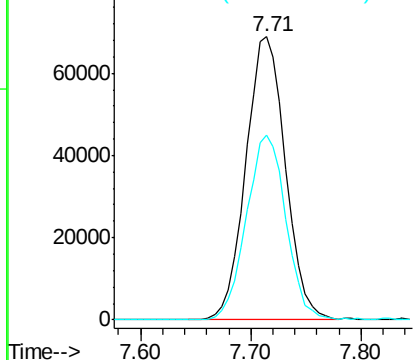


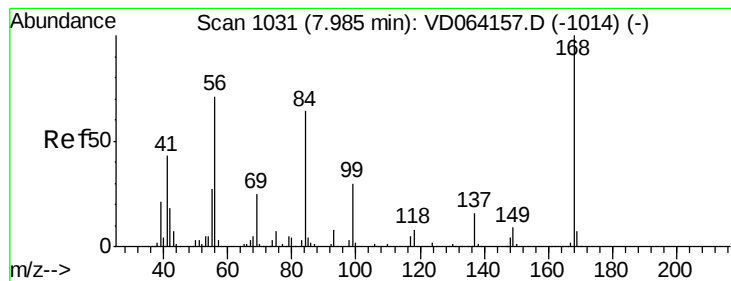
#30
Chloroform
Concen: 22.035 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 83 Resp: 173269
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0



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





#31

Cyclohexane

Concen: 19.700 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

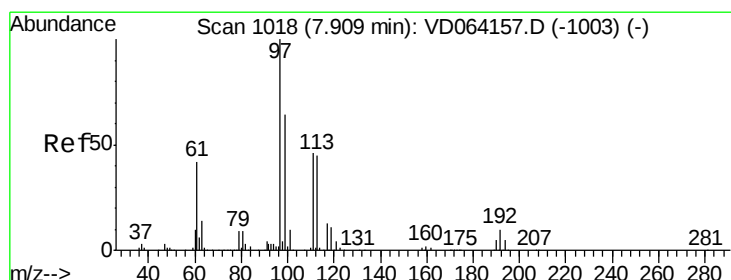
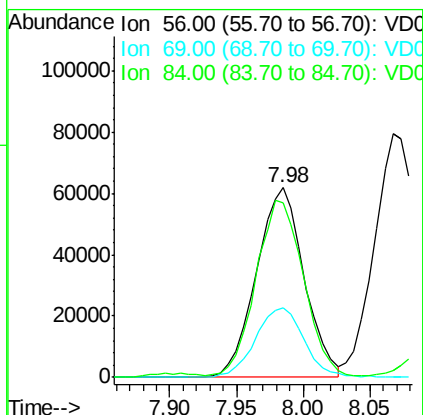
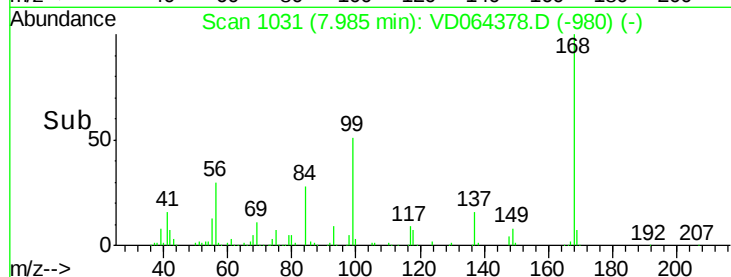
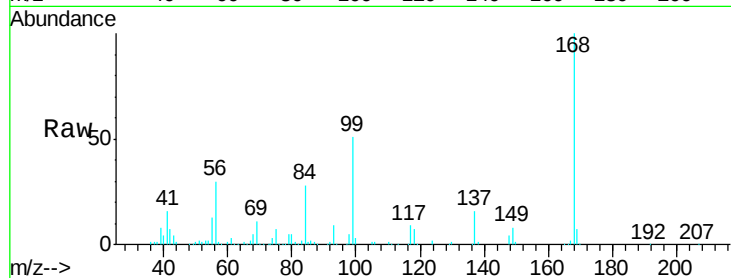
Tgt Ion: 56 Resp: 152733

Ion Ratio Lower Upper

56 100

69 36.8 28.2 42.4

84 90.1 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 20.963 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

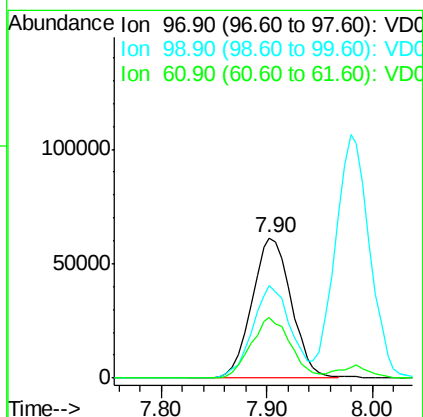
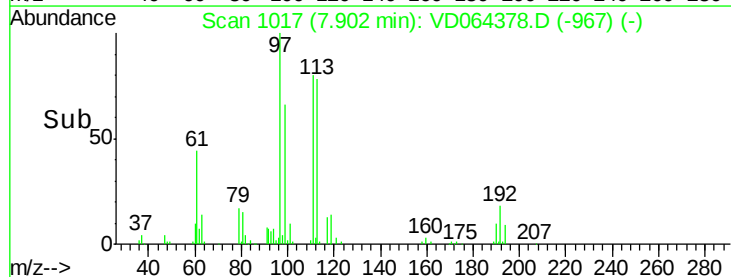
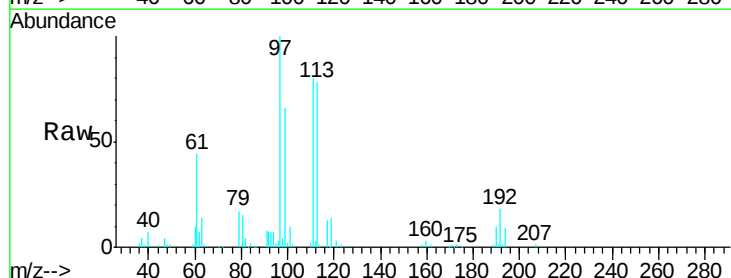
Tgt Ion: 97 Resp: 157841

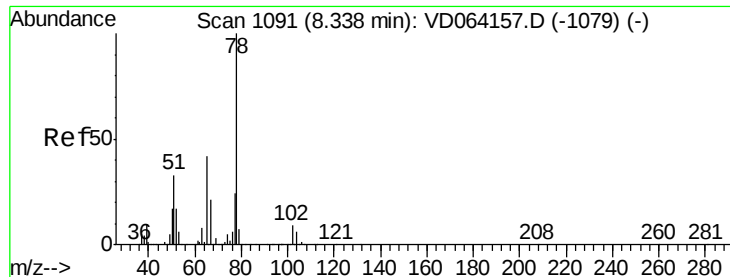
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 43.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.514 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

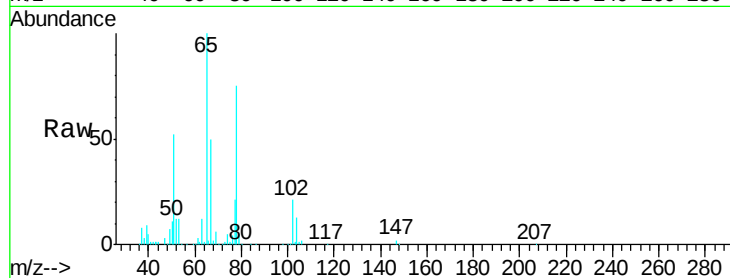
VD1126SBSD01

Tgt Ion: 65 Resp: 195589

Ion Ratio Lower Upper

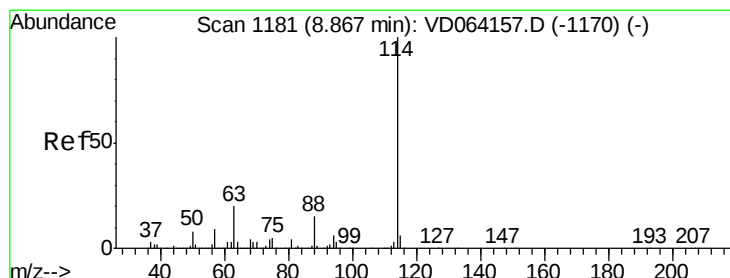
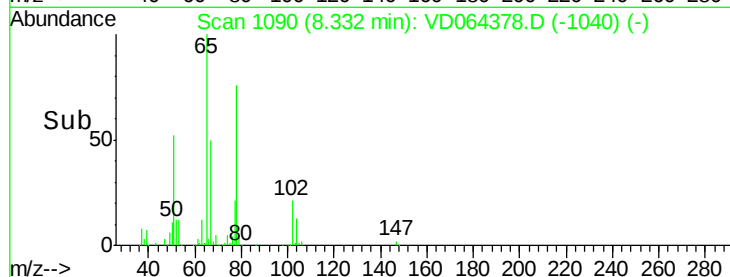
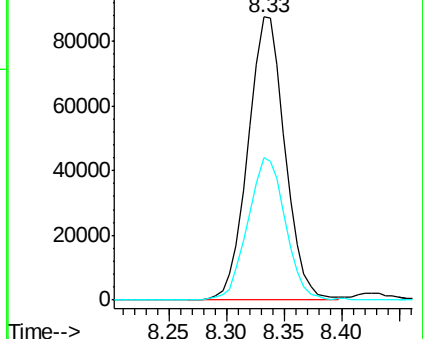
65 100

67 50.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

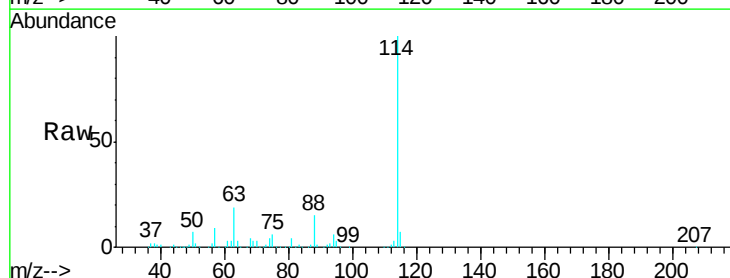
Tgt Ion: 114 Resp: 689532

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

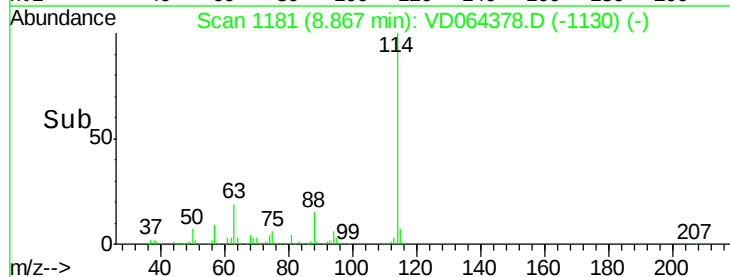
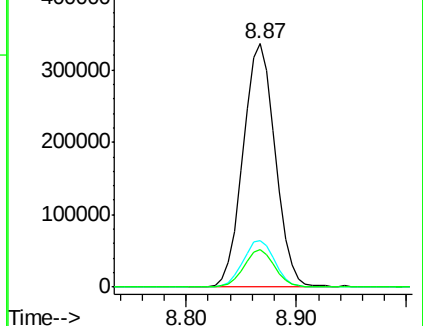
88 15.4 0.0 30.2

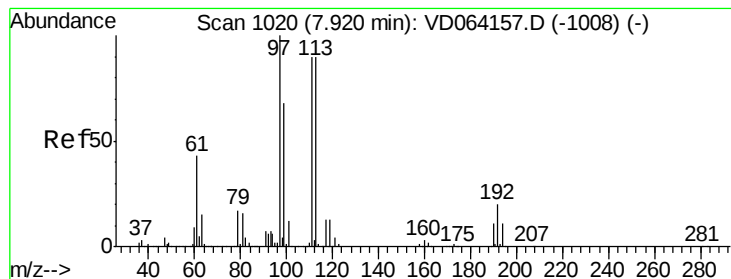


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.173 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

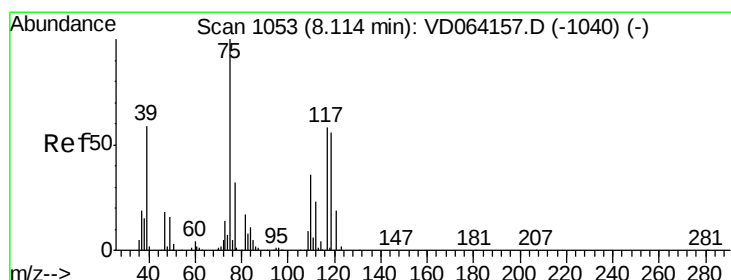
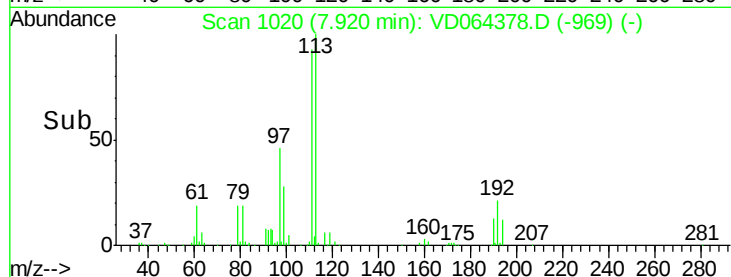
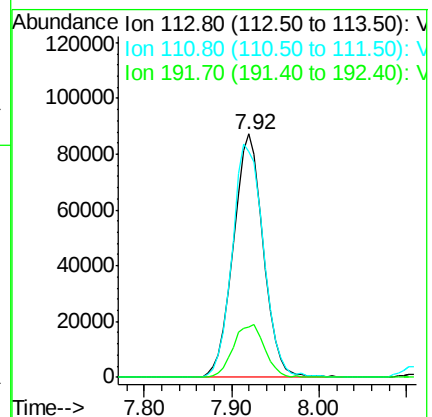
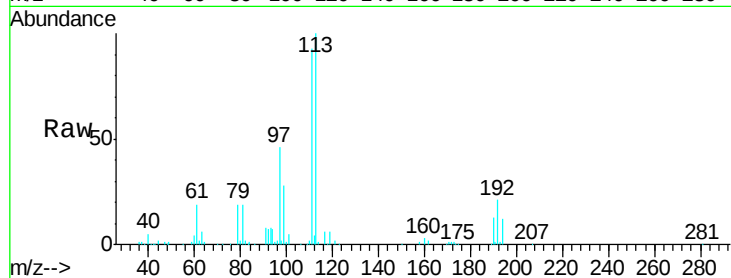
Tgt Ion: 113 Resp: 202545

Ion Ratio Lower Upper

113 100

111 100.6 81.5 122.3

192 22.9 18.8 28.2



#36

1,1-Dichloropropene

Concen: 20.897 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

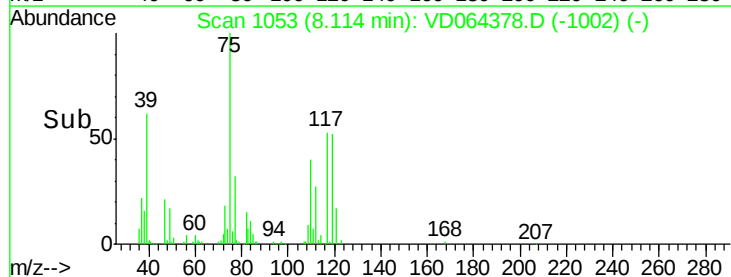
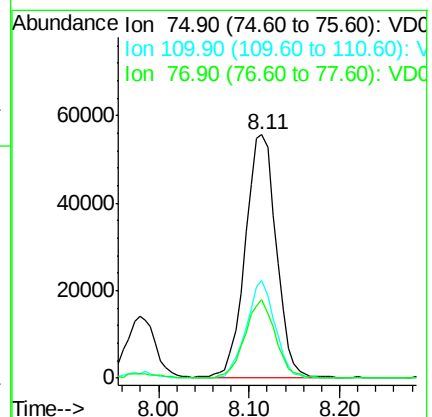
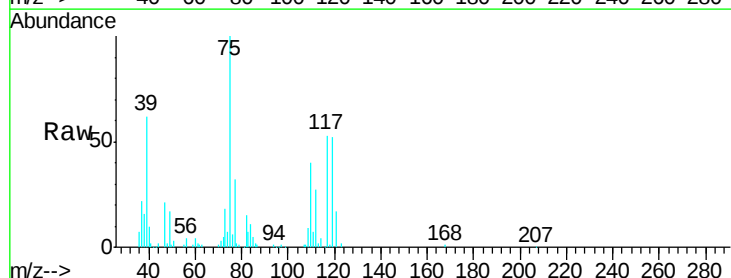
Tgt Ion: 75 Resp: 132982

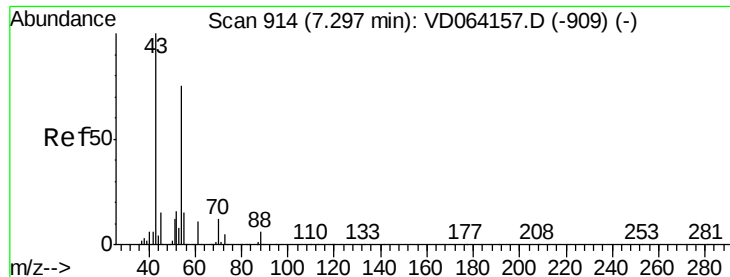
Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.9

77 31.8 25.0 37.6

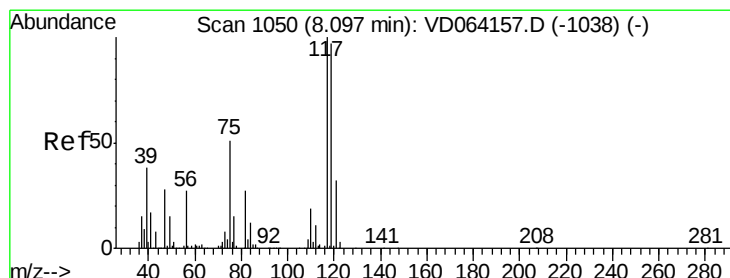
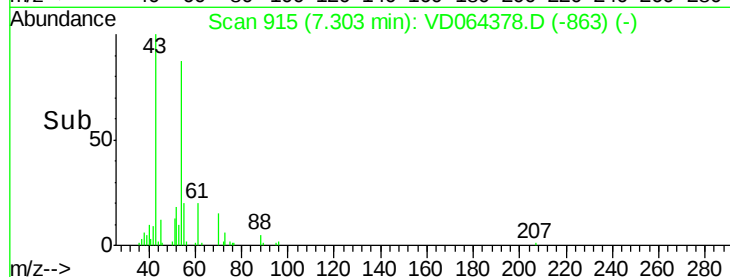
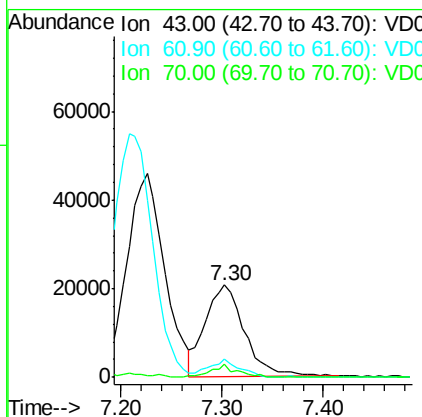
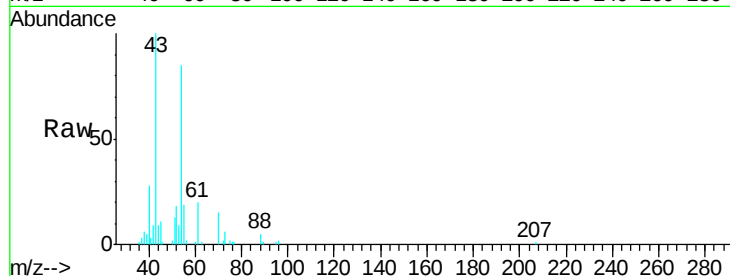




#37
 Ethyl Acetate
 Concen: 20.550 ug/l
 RT: 7.30 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

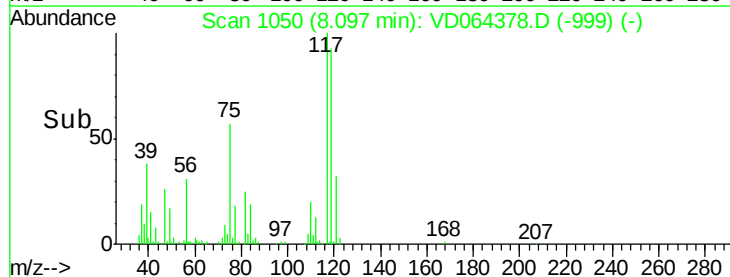
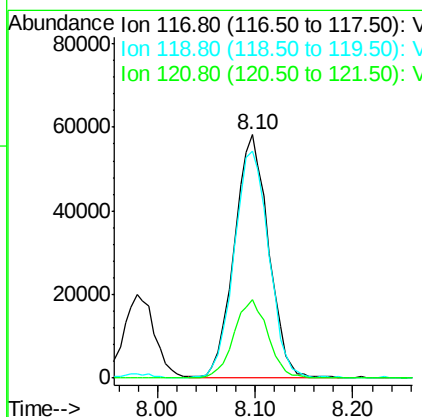
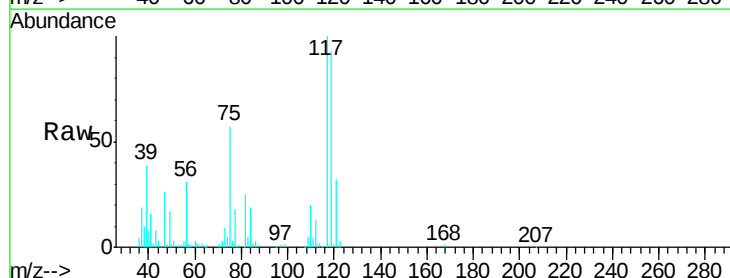
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

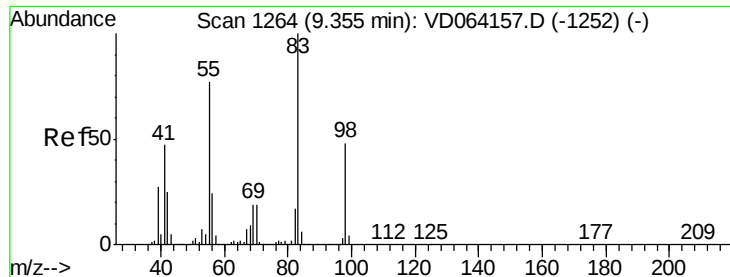
Tgt Ion: 43 Resp: 55131
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.2 15.2
 70 9.8 8.5 12.7



#38
 Carbon Tetrachloride
 Concen: 20.894 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion: 117 Resp: 142278
 Ion Ratio Lower Upper
 117 100
 119 93.0 77.2 115.8
 121 32.5 25.5 38.3

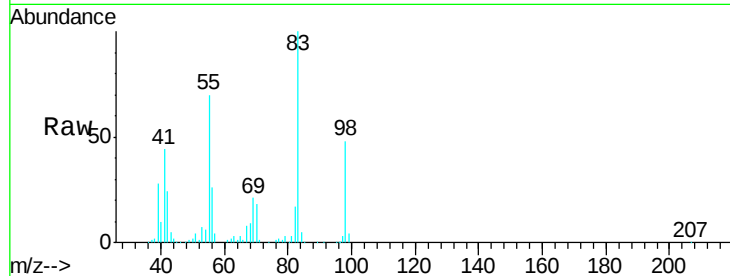




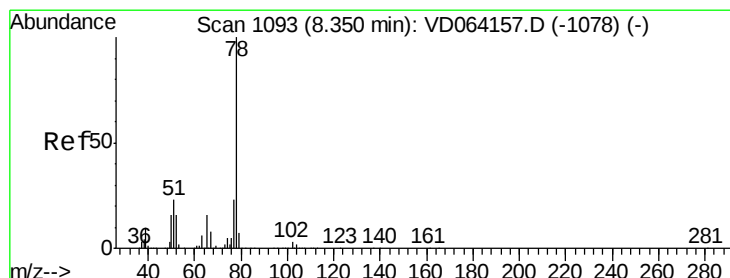
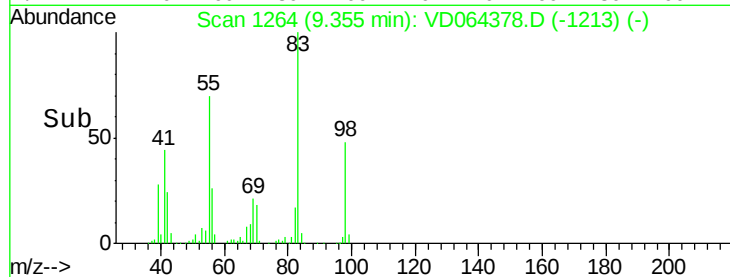
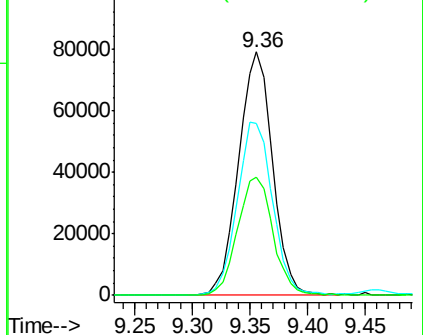
#39
Methylcyclohexane
Concen: 20.122 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Tgt Ion: 83 Resp: 162029
Ion Ratio Lower Upper
83 100
55 70.4 61.7 92.5
98 48.5 38.6 58.0

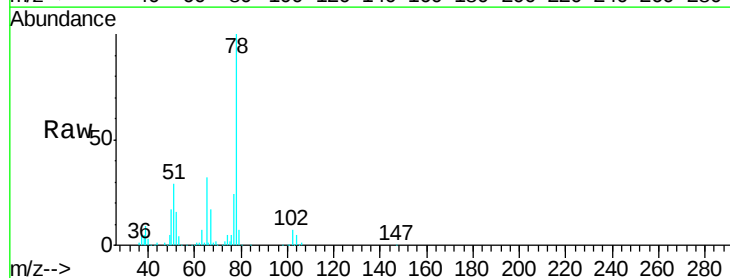


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

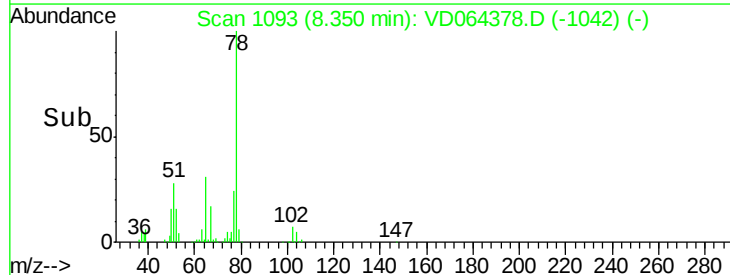
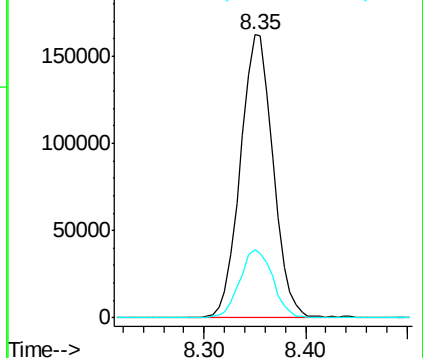


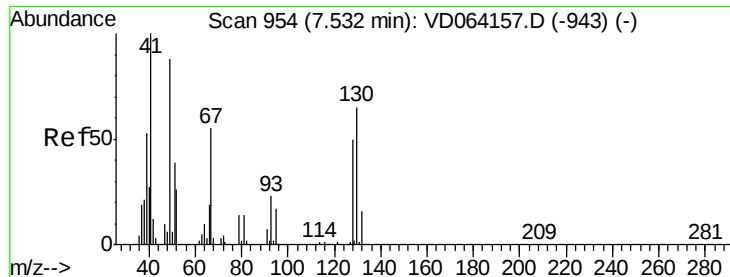
#40
Benzene
Concen: 20.939 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 78 Resp: 364172
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0



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





#41

Methacrylonitrile

Concen: 17.543 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

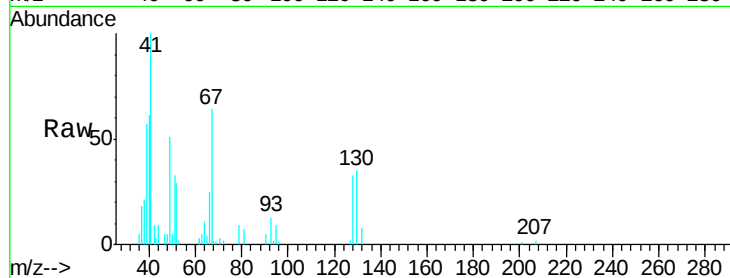
ClientSampleId :

VD1126SBS01

Tgt Ion: 41 Resp: 29582

Ion Ratio Lower Upper

41	100		
39	66.8	49.4	74.2
67	75.5	49.6	74.4
52	32.0	21.4	32.0

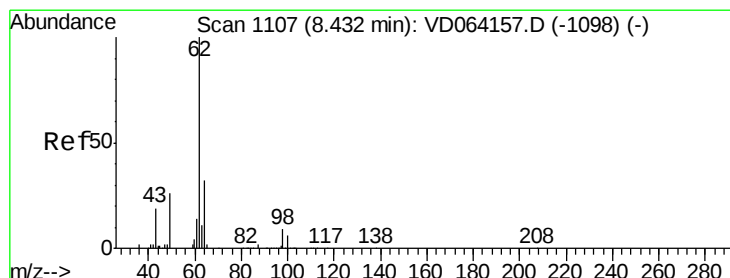
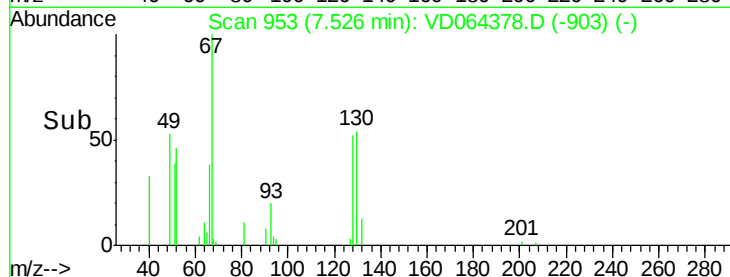
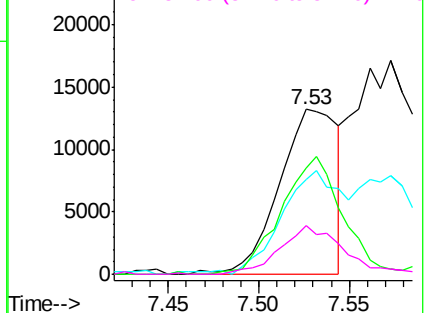


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 20.561 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

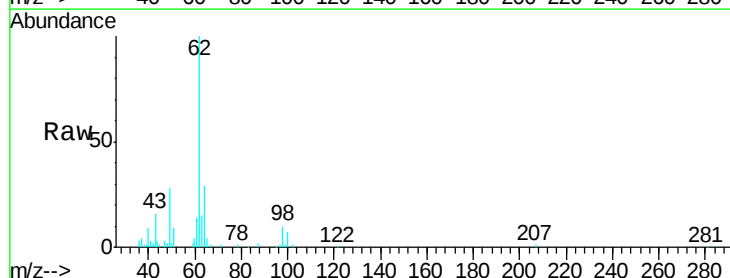
Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Tgt Ion: 62 Resp: 107403

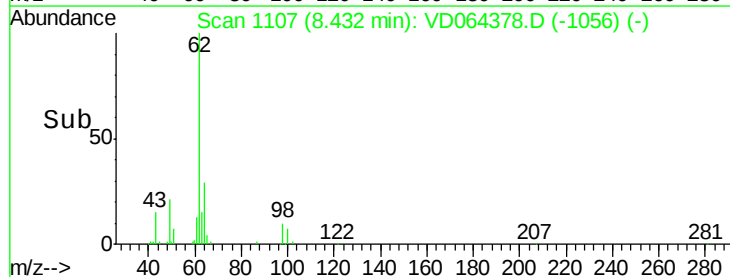
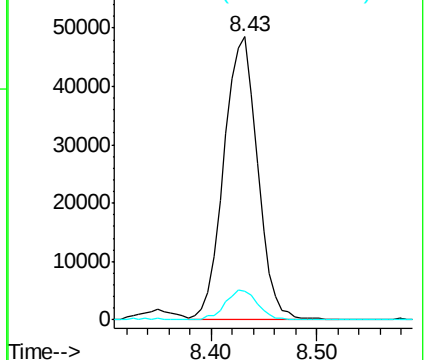
Ion Ratio Lower Upper

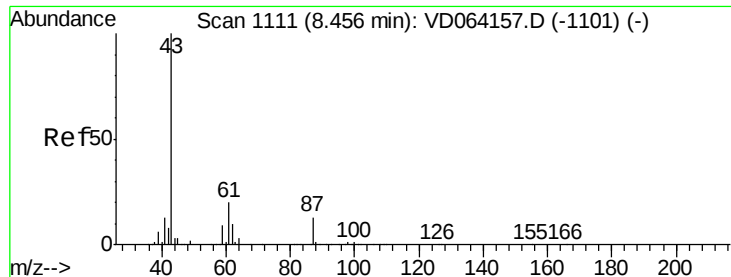
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.976 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

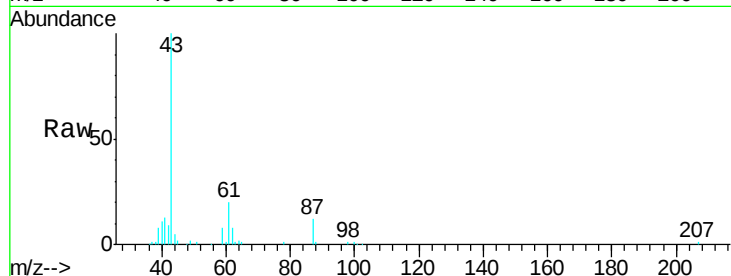
Tgt Ion: 43 Resp: 104895

Ion Ratio Lower Upper

43 100

61 31.2 22.9 34.3

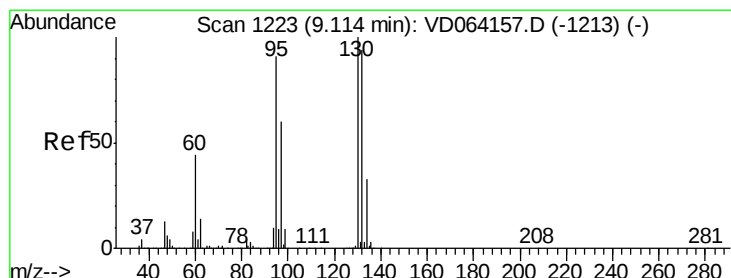
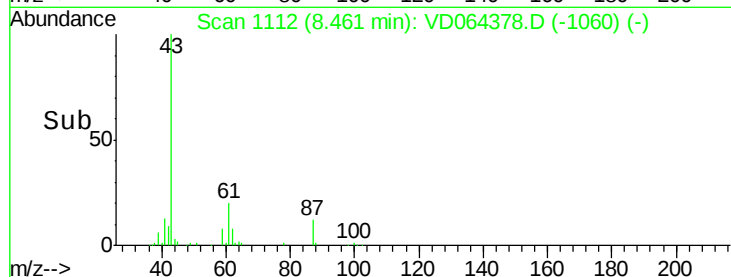
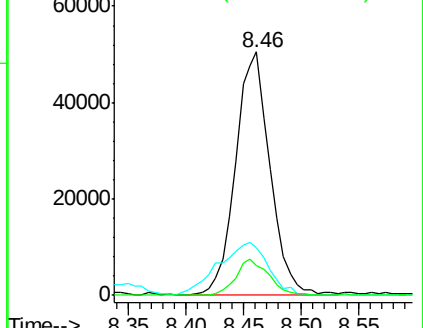
87 14.0 10.2 15.2



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: 21.181 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064378.D

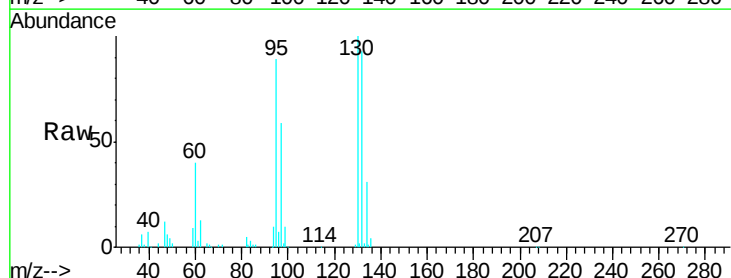
Acq: 26 Nov 2019 12:24

Tgt Ion: 130 Resp: 110567

Ion Ratio Lower Upper

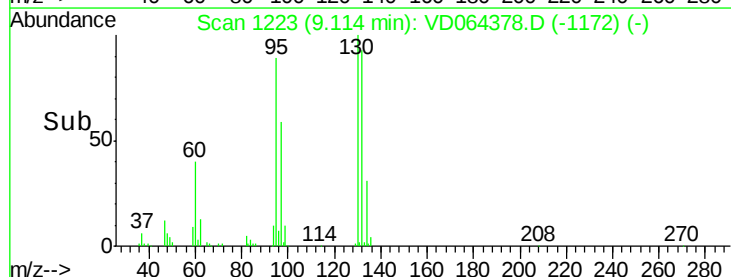
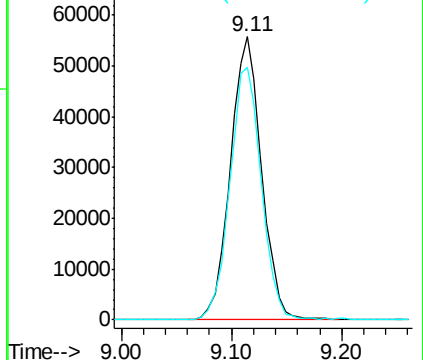
130 100

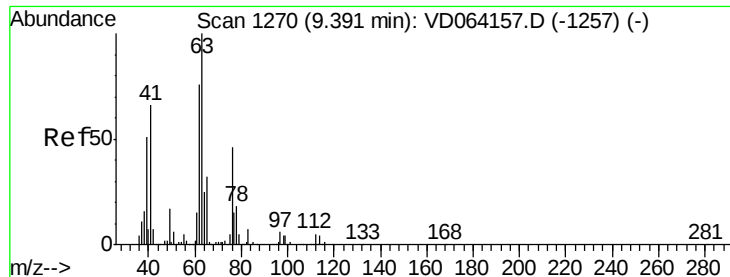
95 89.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.281 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

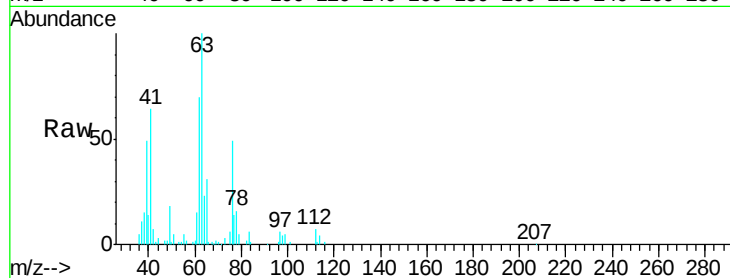
VD1126SBSD01

Tgt Ion: 63 Resp: 90090

Ion Ratio Lower Upper

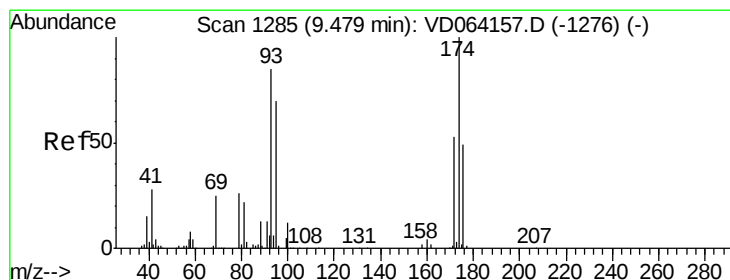
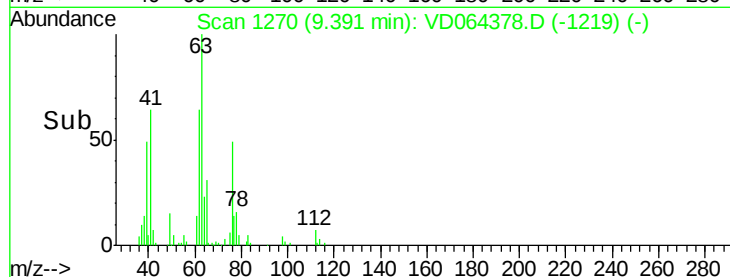
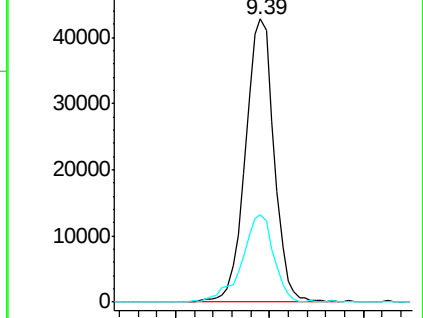
63 100

65 30.7 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.490 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

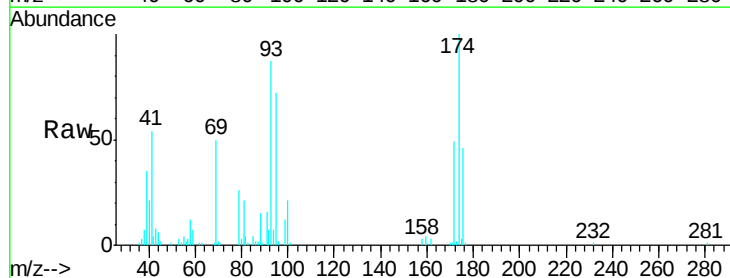
Tgt Ion: 93 Resp: 48704

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

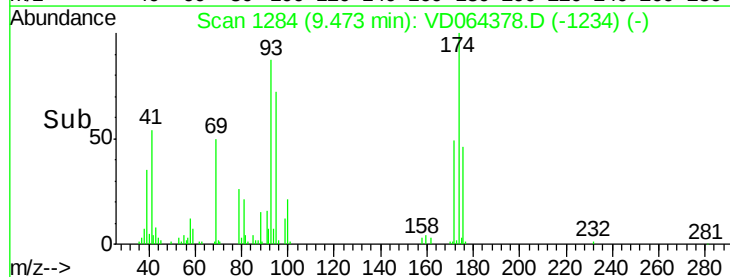
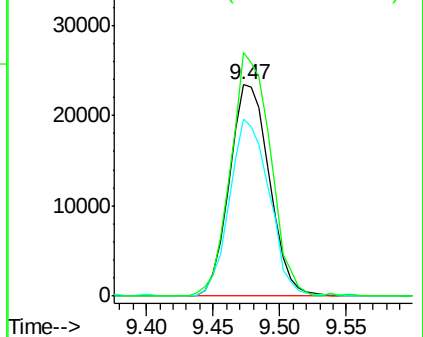
174 113.8 93.9 140.9

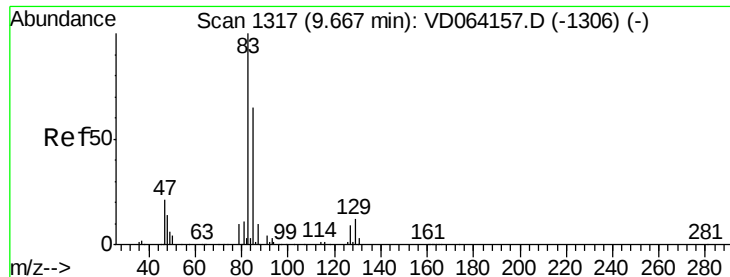


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.802 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

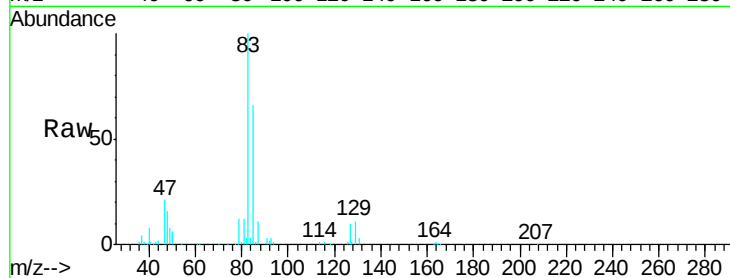
Tgt Ion: 83 Resp: 126984

Ion Ratio Lower Upper

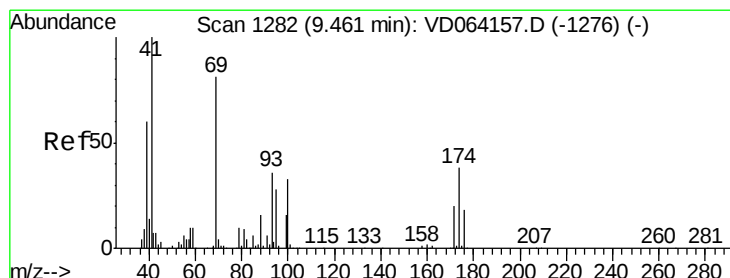
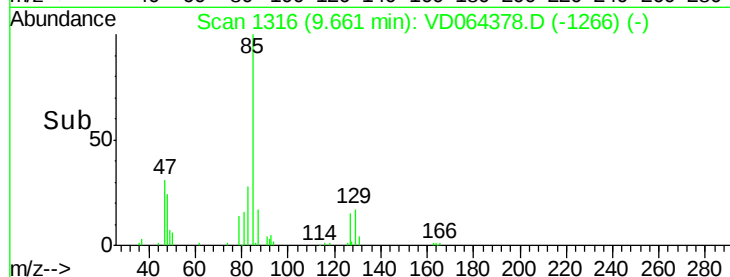
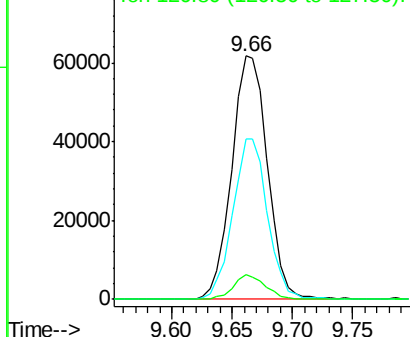
83 100

85 66.1 52.2 78.4

127 10.0 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: 19.379 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

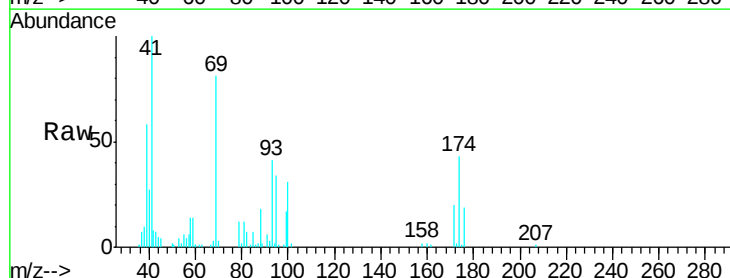
Tgt Ion: 41 Resp: 52379

Ion Ratio Lower Upper

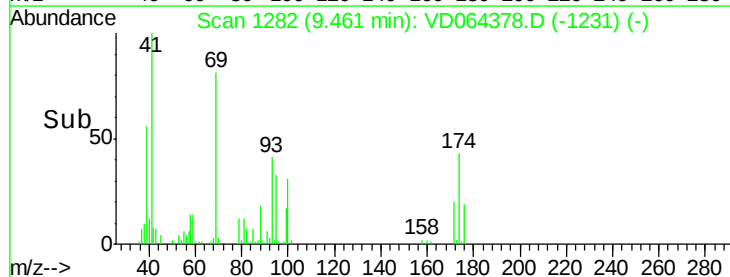
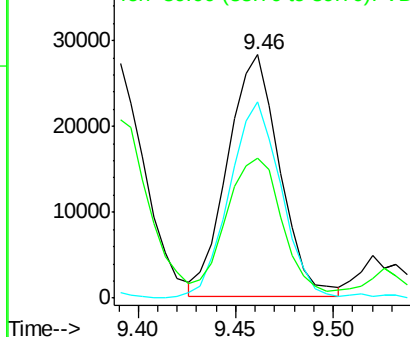
41 100

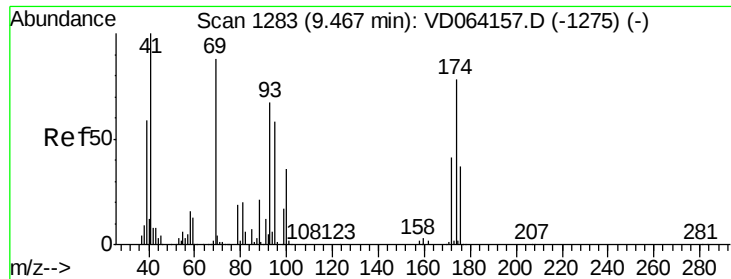
69 80.6 64.6 97.0

39 56.1 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

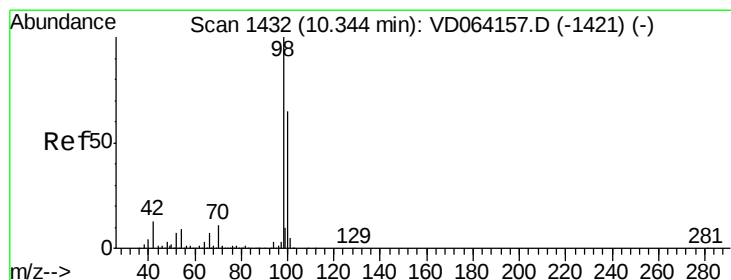
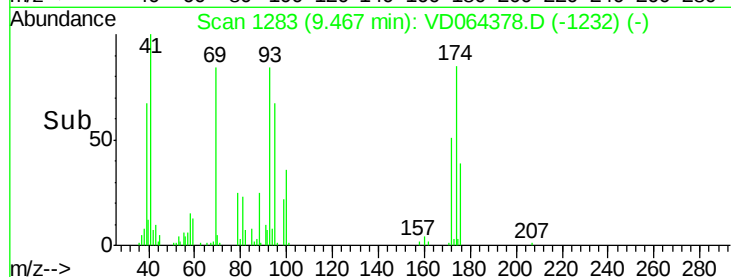
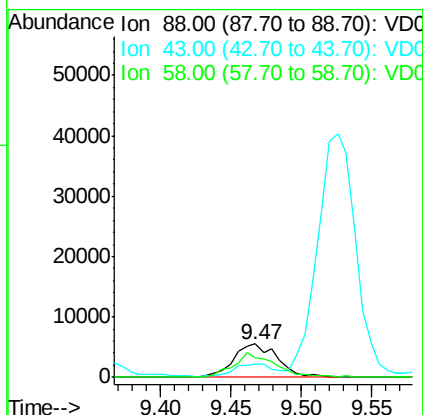
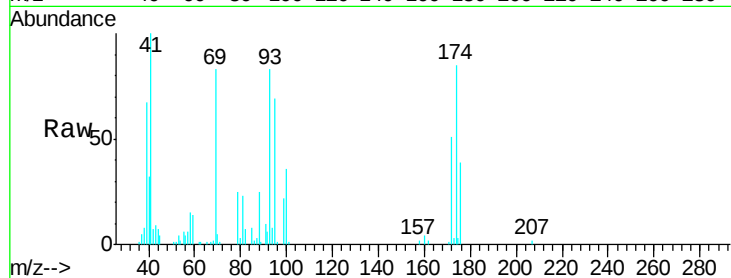




#49
1,4-Dioxane
Concen: 443.049 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

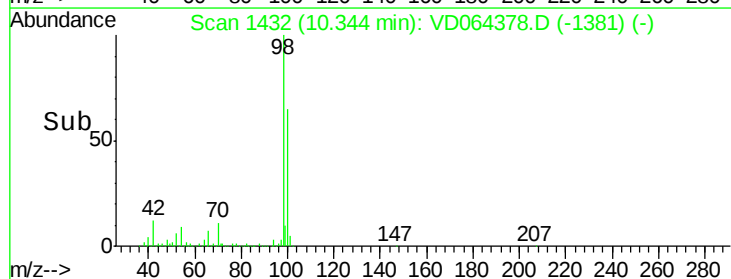
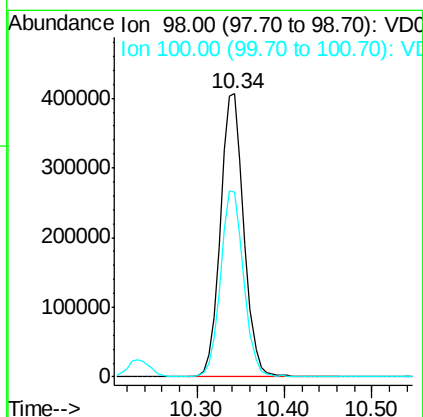
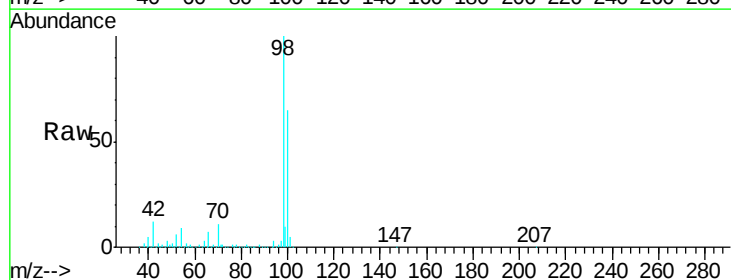
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

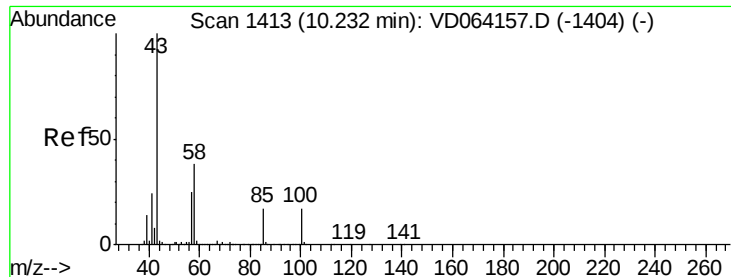
Tgt Ion: 88 Resp: 12059
Ion Ratio Lower Upper
88 100
43 32.9 29.8 44.8
58 70.2 58.1 87.1



#50
Toluene-d8
Concen: 50.225 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 98 Resp: 749929
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

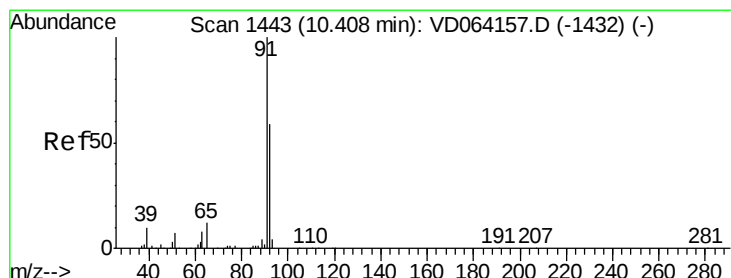
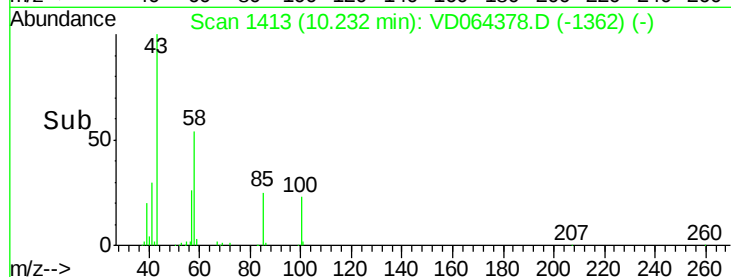
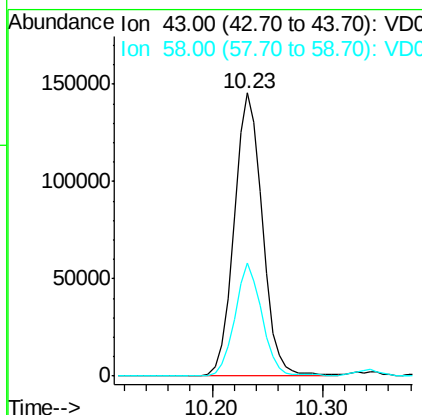
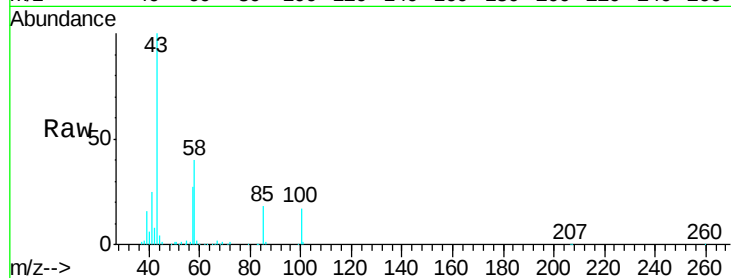




#51
 4-Methyl-2-Pentanone
 Concen: 98.731 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

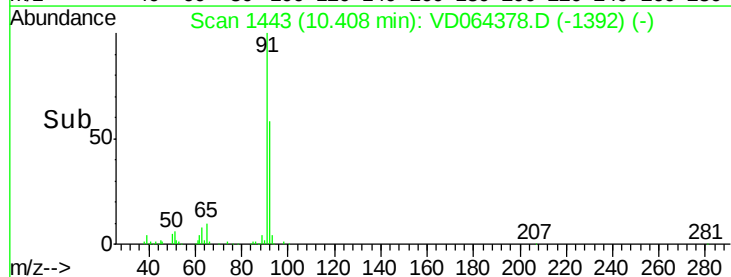
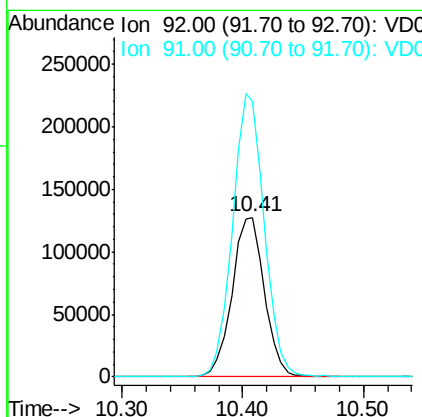
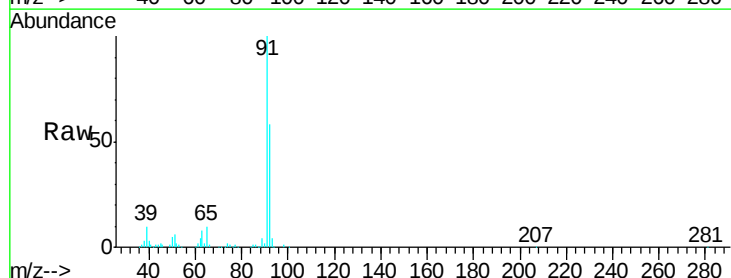
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

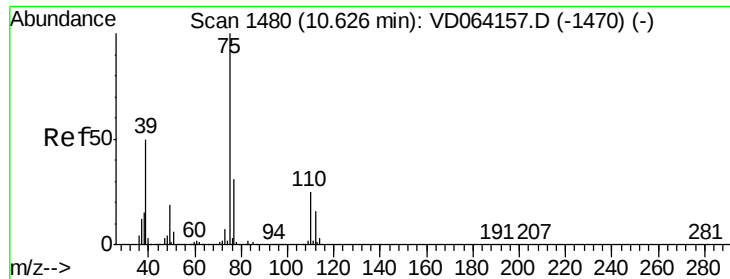
Tgt Ion: 43 Resp: 261713
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.2 45.4



#52
 Toluene
 Concen: 20.837 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion: 92 Resp: 238304
 Ion Ratio Lower Upper
 92 100
 91 173.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.556 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

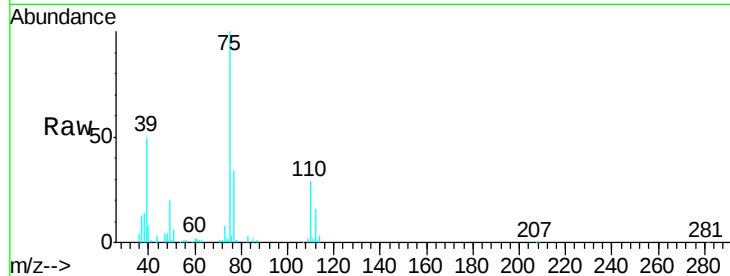
VD1126SBSD01

Tgt Ion: 75 Resp: 119598

Ion Ratio Lower Upper

75 100

77 33.7 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

60000

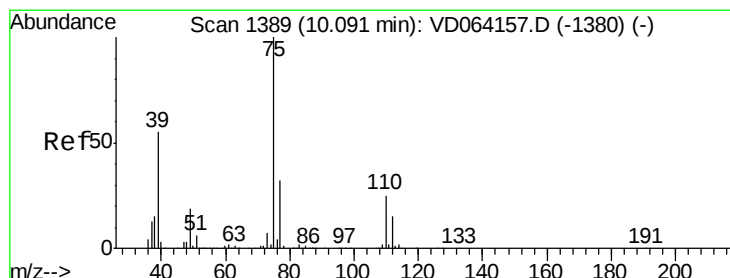
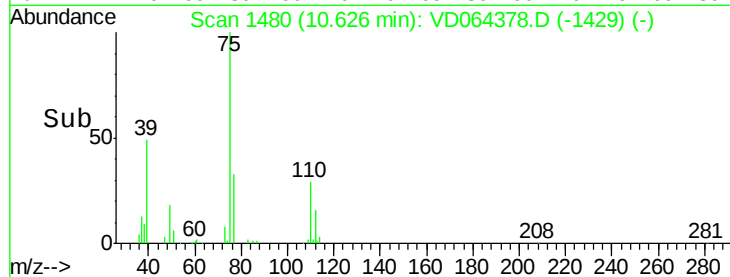
40000

20000

0

10.55 10.60 10.65 10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.126 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

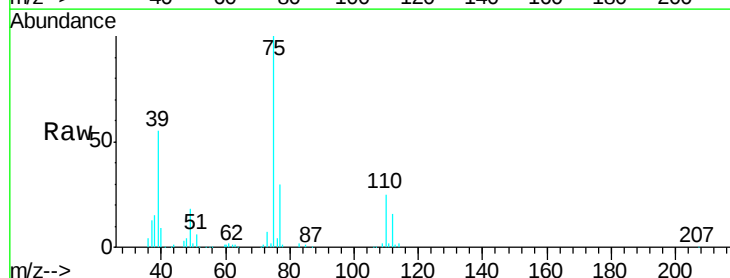
Tgt Ion: 75 Resp: 143630

Ion Ratio Lower Upper

75 100

77 29.6 25.2 37.8

39 55.2 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

100000

80000

60000

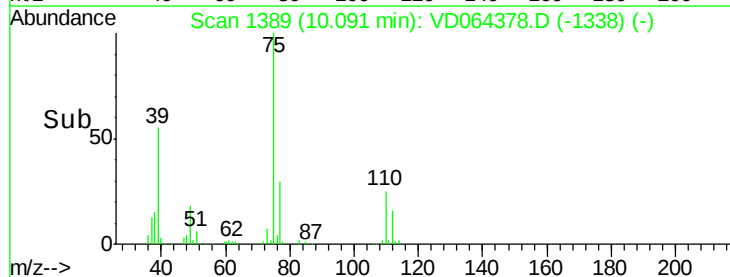
40000

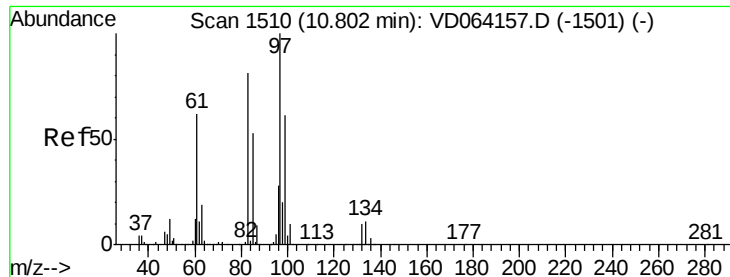
20000

0

10.00 10.10 10.20

Time-->

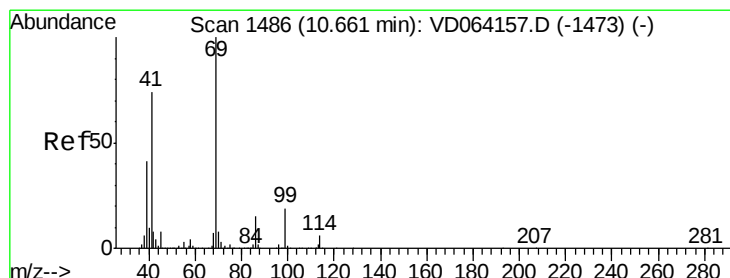
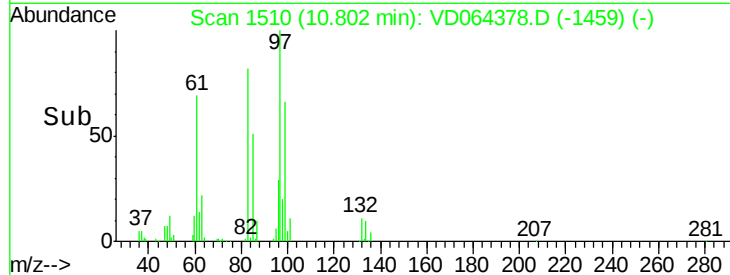
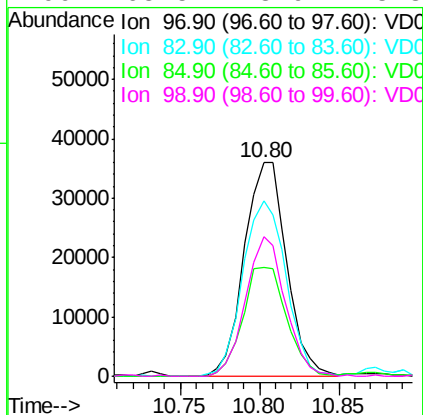
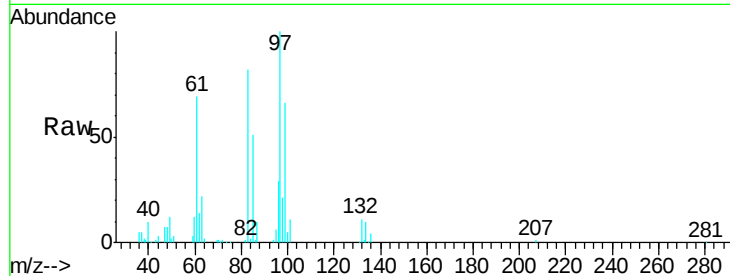




#55
 1,1,2-Trichloroethane
 Concen: 21.751 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

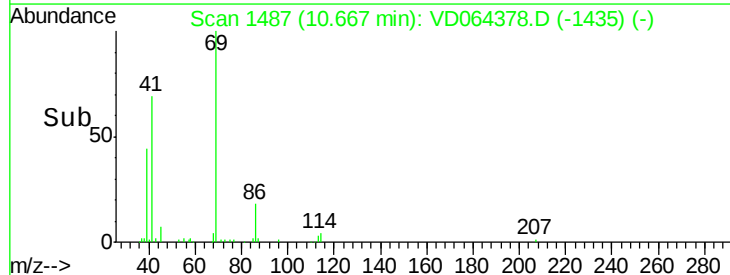
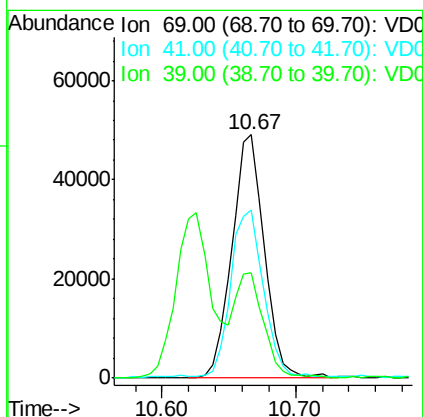
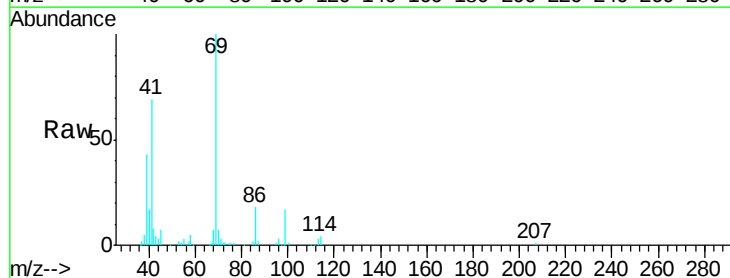
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

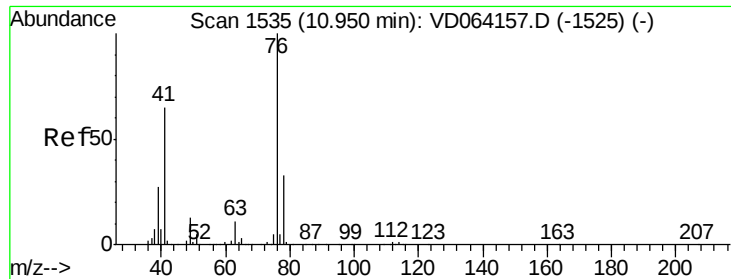
Tgt Ion: 97 Resp: 66872
 Ion Ratio Lower Upper
 97 100
 83 82.0 65.1 97.7
 85 51.1 42.0 63.0
 99 65.5 48.9 73.3



#56
 Ethyl methacrylate
 Concen: 19.273 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion: 69 Resp: 82888
 Ion Ratio Lower Upper
 69 100
 41 69.1 57.9 86.9
 39 37.8 29.0 43.4

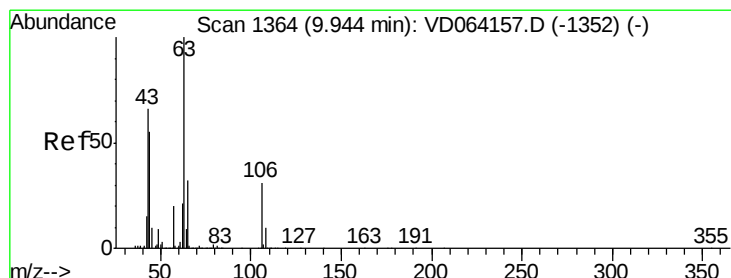
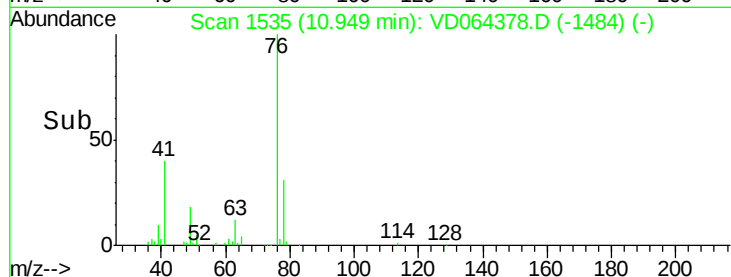
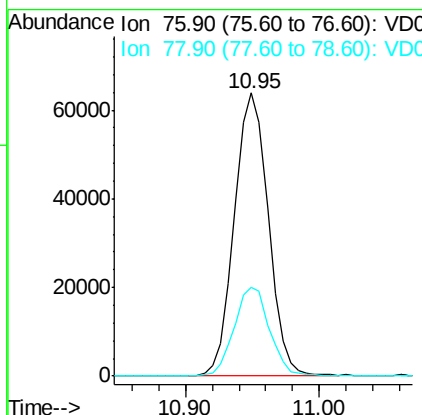
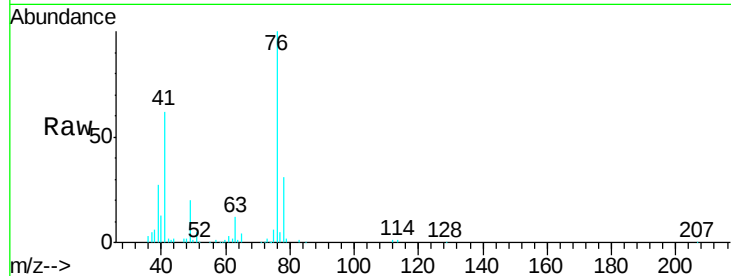




#57
 1,3-Dichloropropane
 Concen: 21.088 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

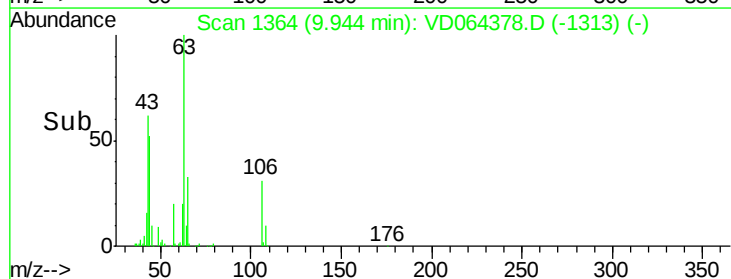
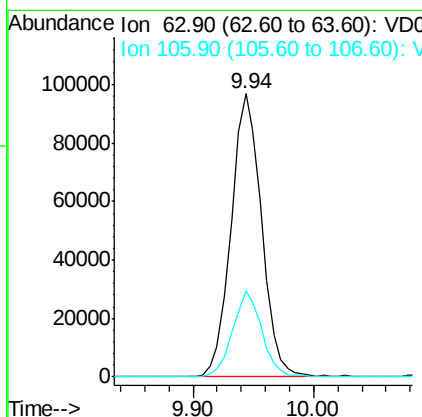
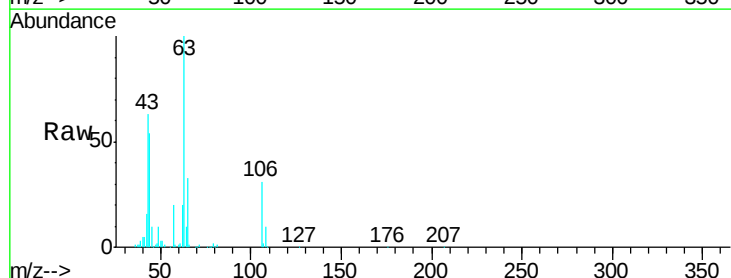
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

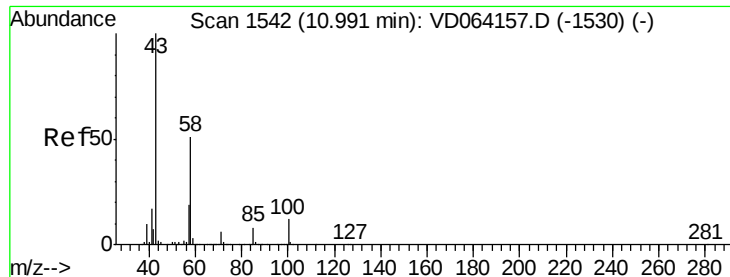
Tgt Ion: 76 Resp: 113070
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.692 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion: 63 Resp: 170189
 Ion Ratio Lower Upper
 63 100
 106 29.2 24.1 36.1

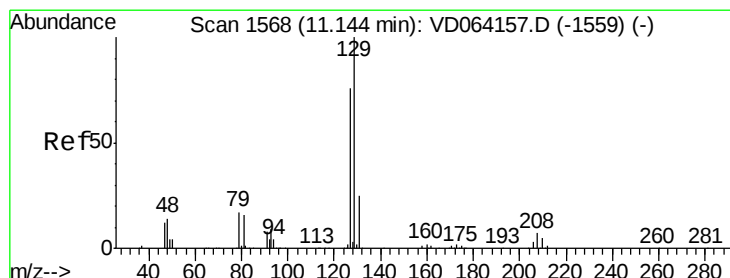
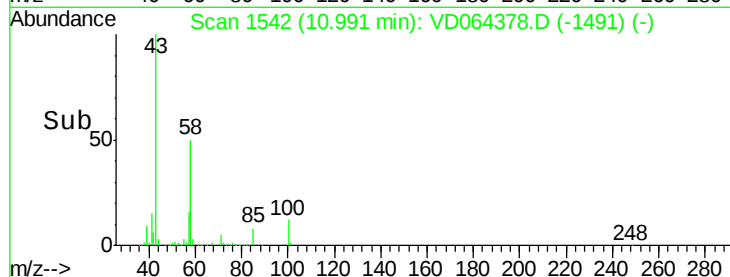
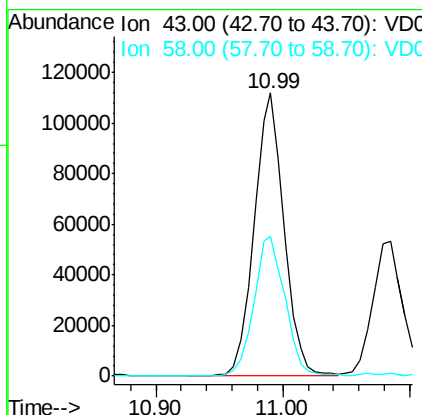
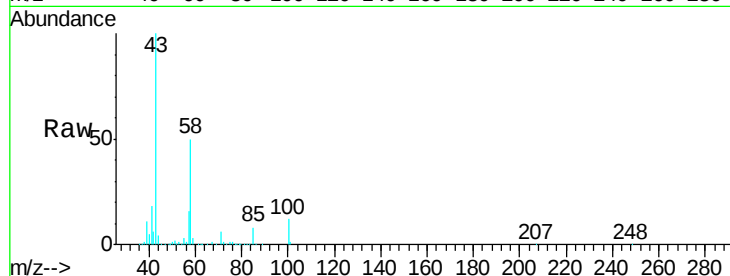




#59
2-Hexanone
Concen: 97.140 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

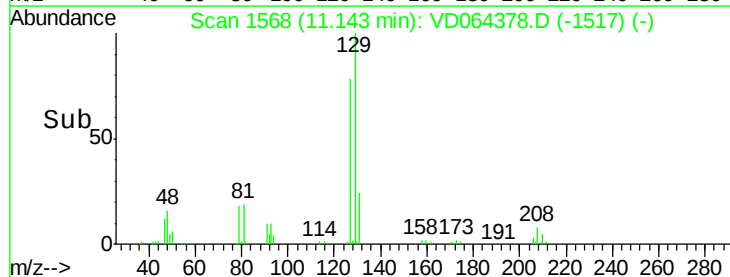
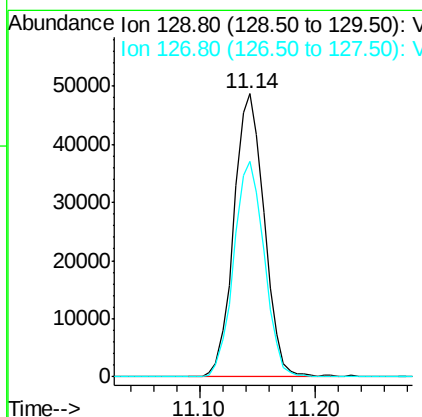
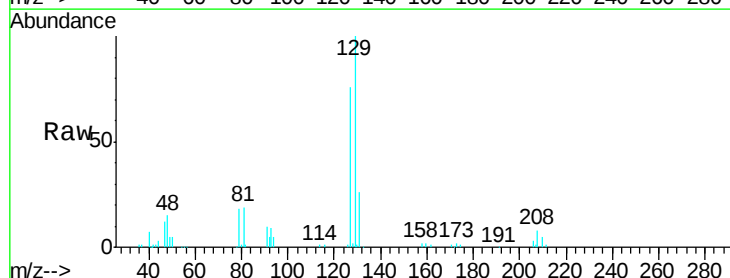
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

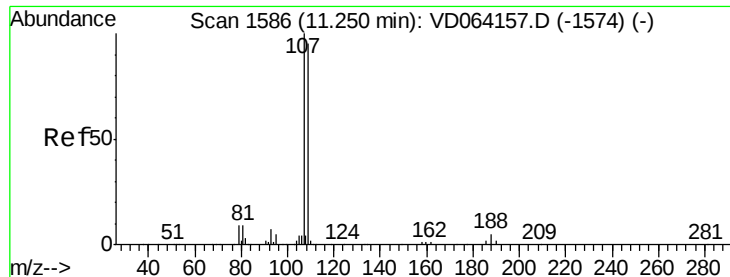
Tgt Ion: 43 Resp: 183194
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 20.672 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 129 Resp: 88681
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.245 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

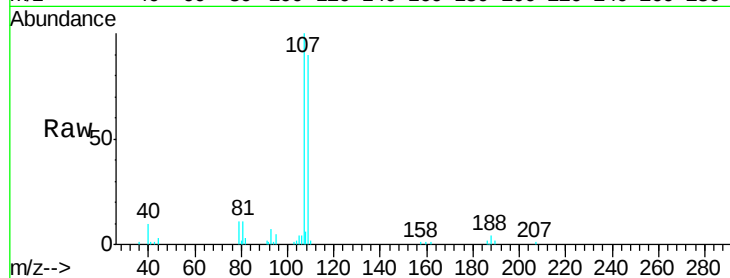
VD1126SBSD01

Tgt Ion: 107 Resp: 65419

Ion Ratio Lower Upper

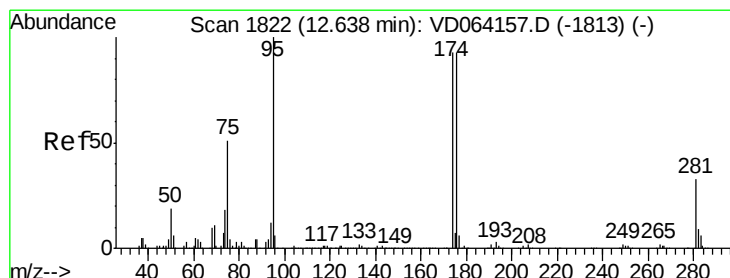
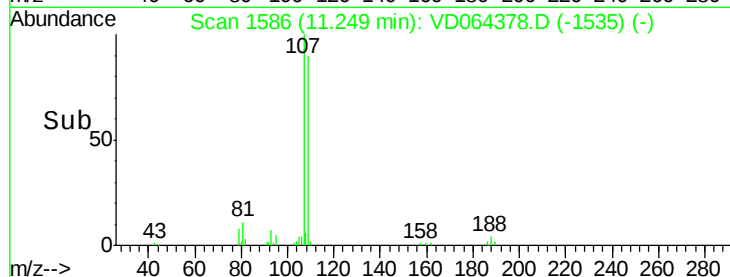
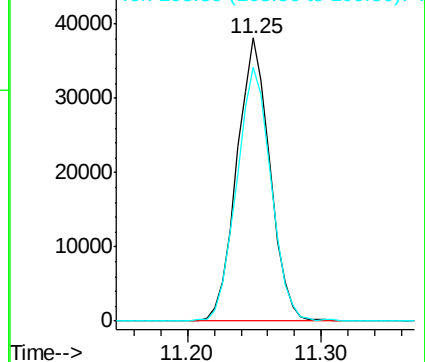
107 100

109 93.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.321 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

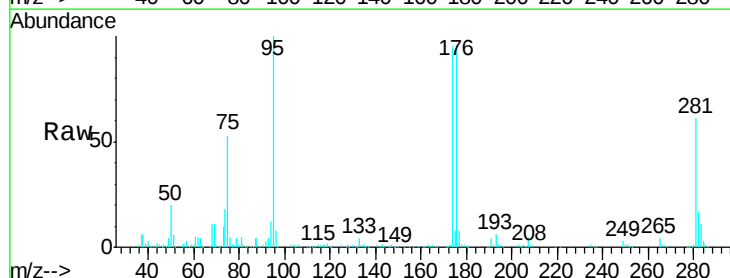
Tgt Ion: 95 Resp: 244691

Ion Ratio Lower Upper

95 100

174 95.9 0.0 183.6

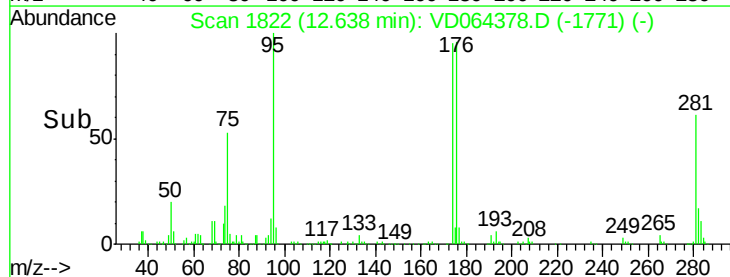
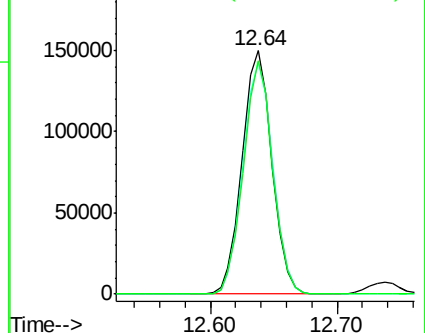
176 93.9 0.0 180.2

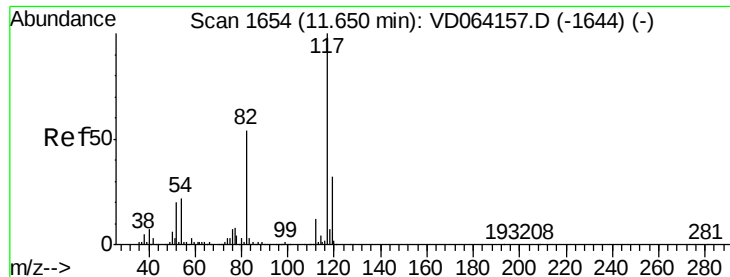


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

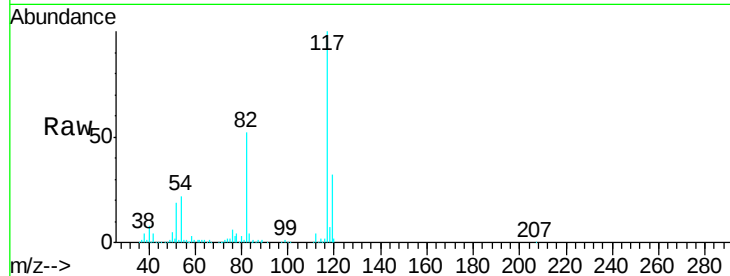




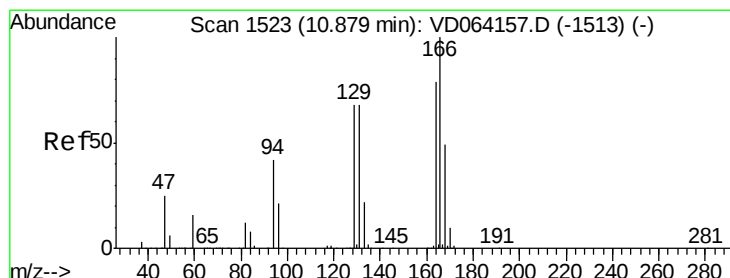
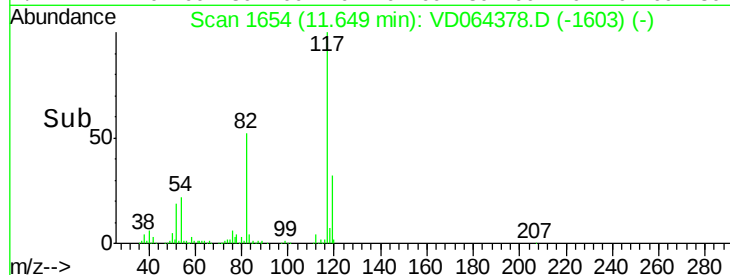
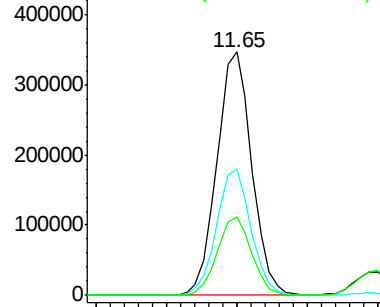
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Tgt Ion:117 Resp: 600749
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 32.3 25.6 38.4



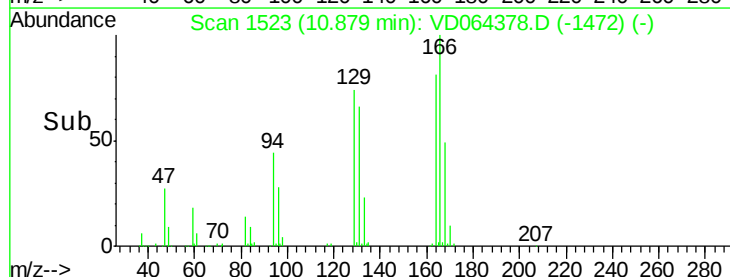
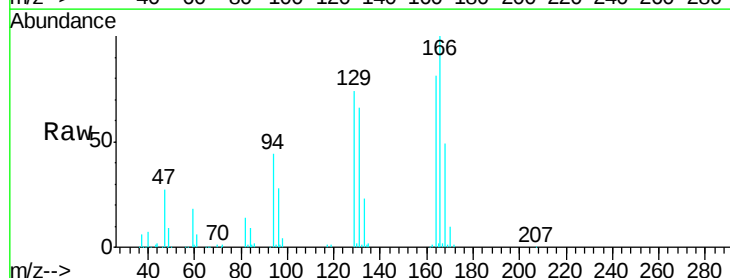
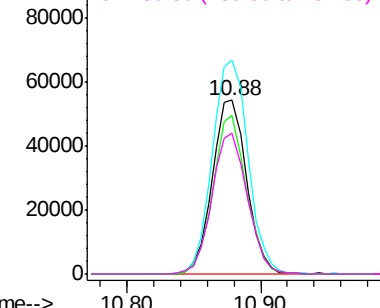
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

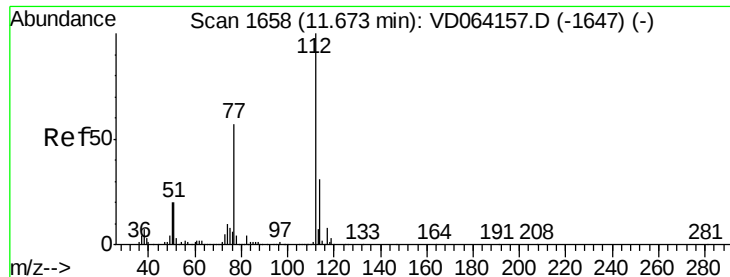


#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion:164 Resp: 96526
Ion Ratio Lower Upper
164 100
166 123.1 100.8 151.2
129 91.1 68.7 103.1
131 81.0 68.1 102.1

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

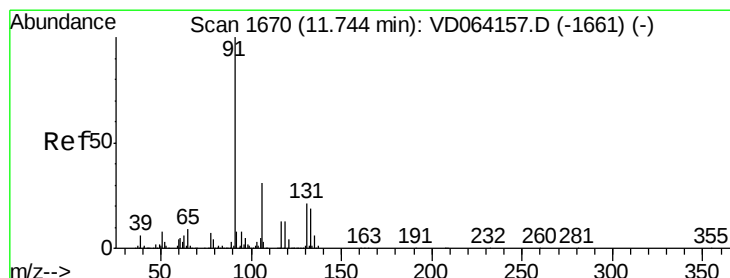
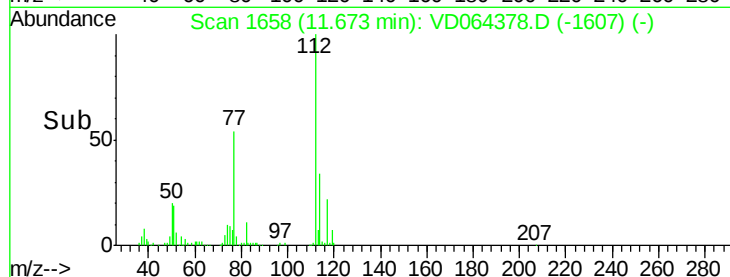
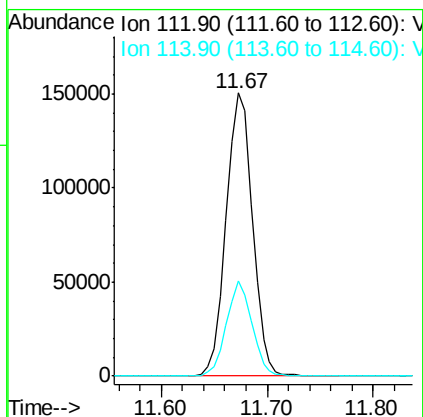
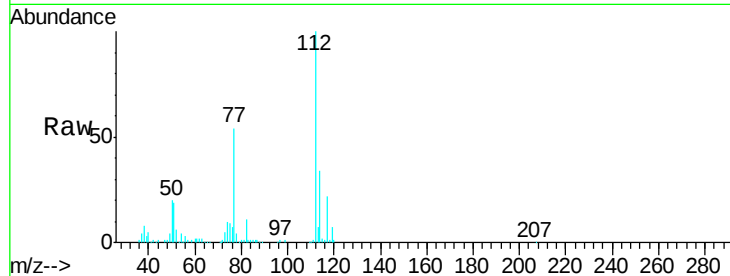




#65
Chlorobenzene
Concen: 21.271 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

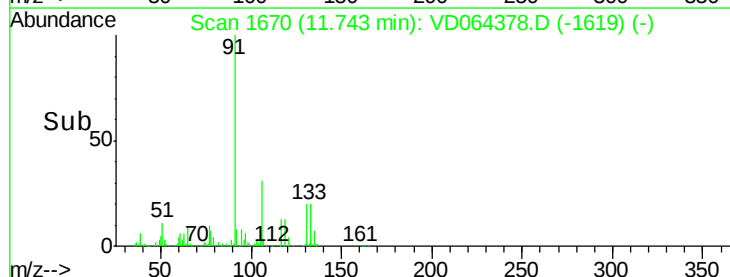
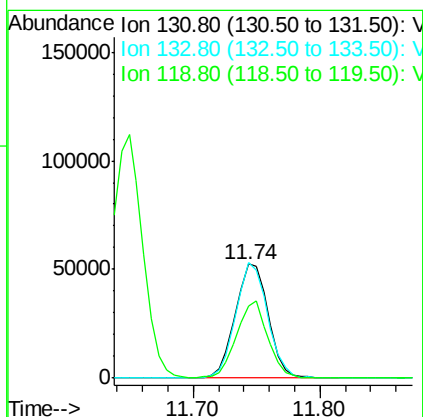
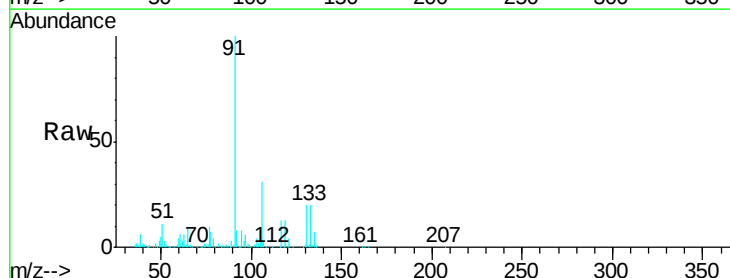
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

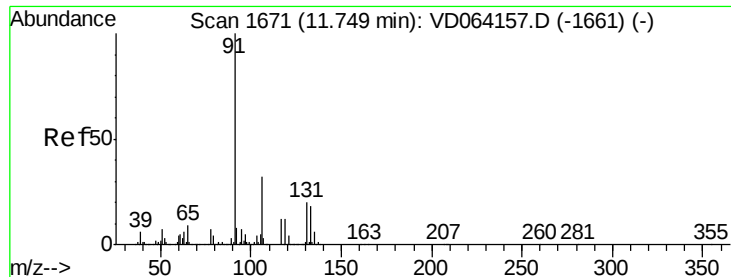
Tgt Ion:112 Resp: 259857
Ion Ratio Lower Upper
112 100
114 33.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.499 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion:131 Resp: 95222
Ion Ratio Lower Upper
131 100
133 97.4 47.3 141.9
119 63.7 31.1 93.3





#67

Ethyl Benzene

Concen: 20.920 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

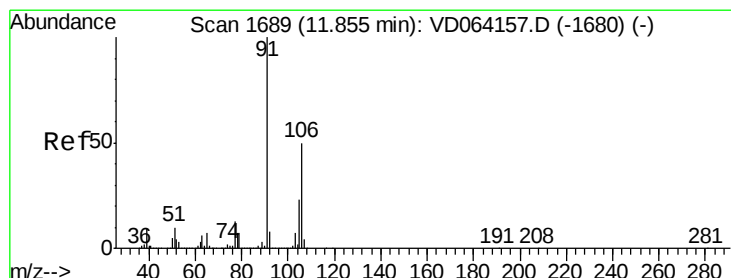
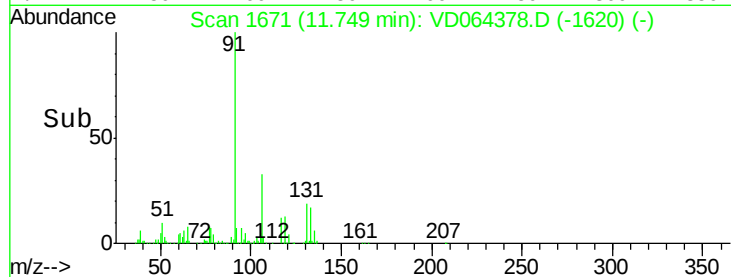
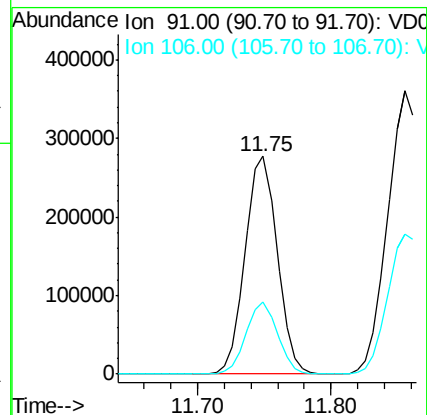
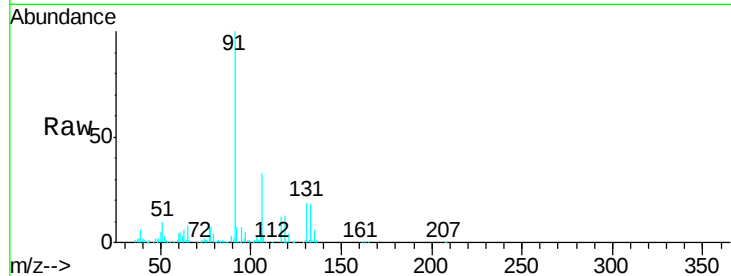
VD1126SBSD01

Tgt Ion: 91 Resp: 462267

Ion Ratio Lower Upper

91 100

106 33.3 25.5 38.3



#68

m/p-Xylenes

Concen: 41.028 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064378.D

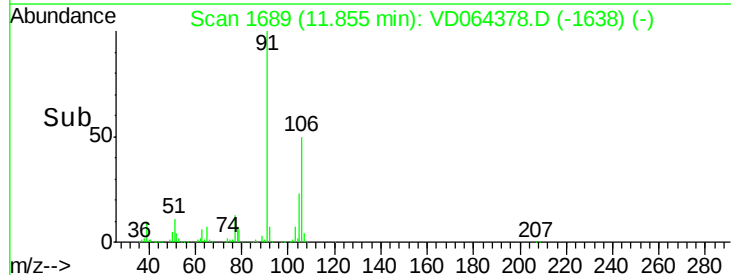
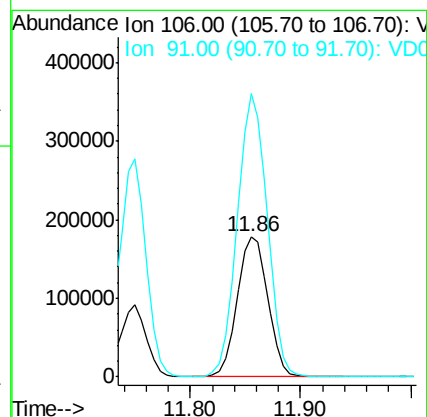
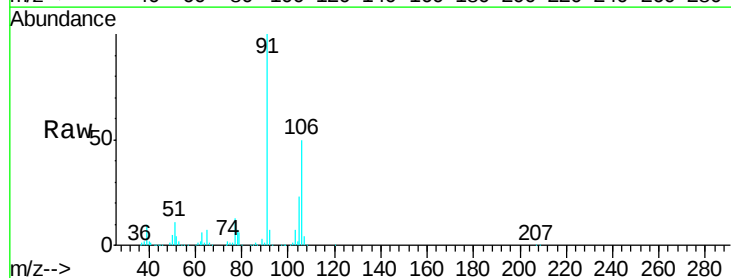
Acq: 26 Nov 2019 12:24

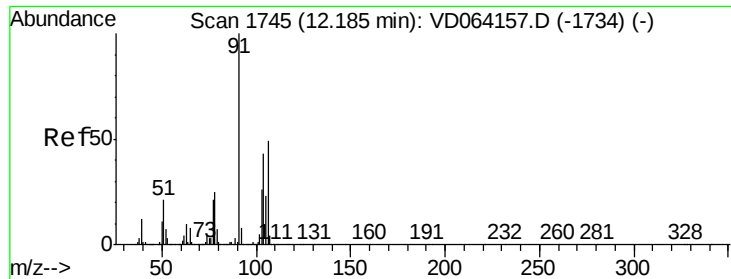
Tgt Ion: 106 Resp: 347502

Ion Ratio Lower Upper

106 100

91 198.1 160.3 240.5

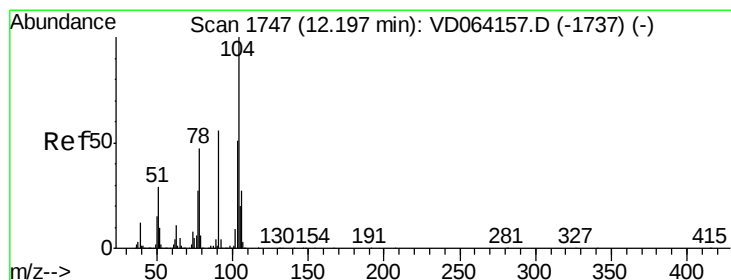
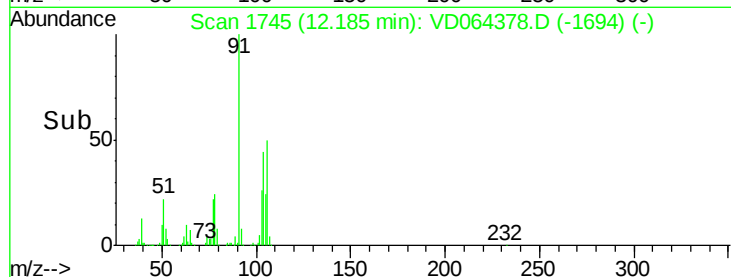
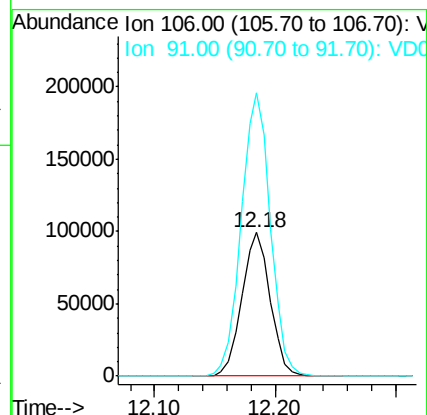
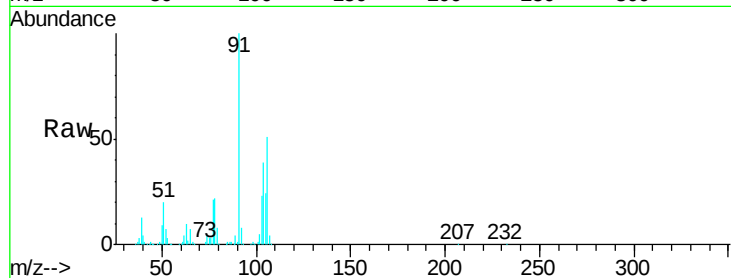




#69
o-Xylene
Concen: 20.609 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

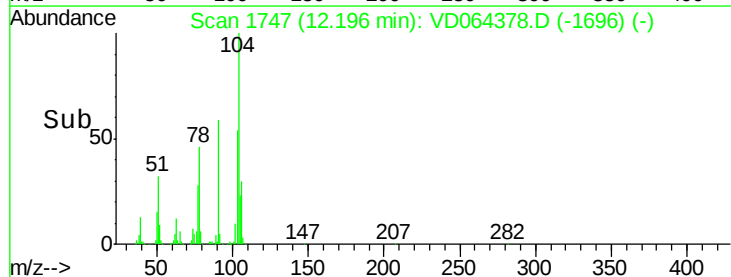
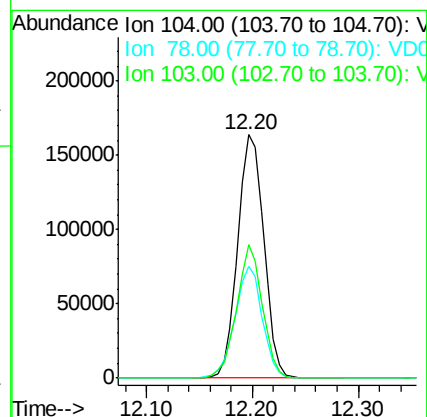
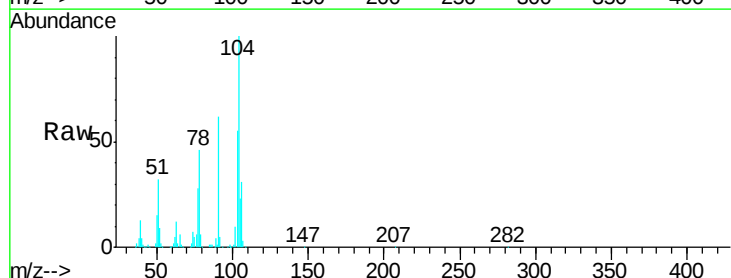
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

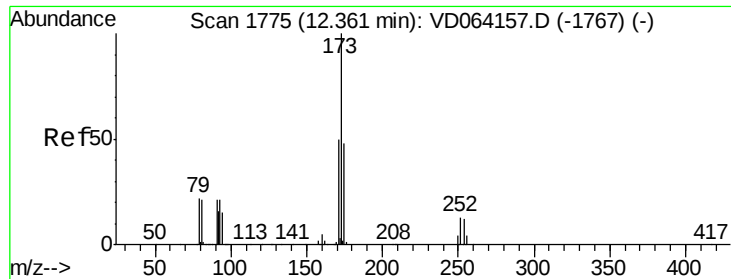
Tgt Ion:106 Resp: 161886
Ion Ratio Lower Upper
106 100
91 203.3 105.1 315.3



#70
Styrene
Concen: 20.394 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion:104 Resp: 279648
Ion Ratio Lower Upper
104 100
78 47.9 39.9 59.9
103 54.1 43.4 65.0





#71

Bromoform

Concen: 20.240 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

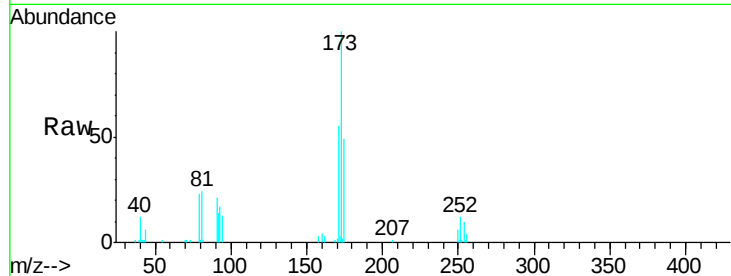
Tgt Ion:173 Resp: 53506

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.3

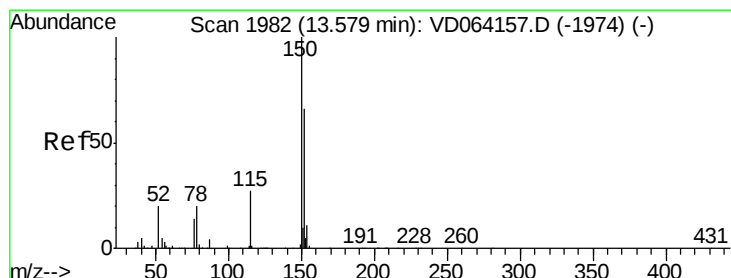
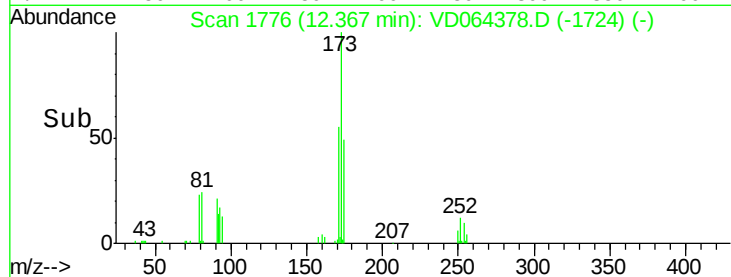
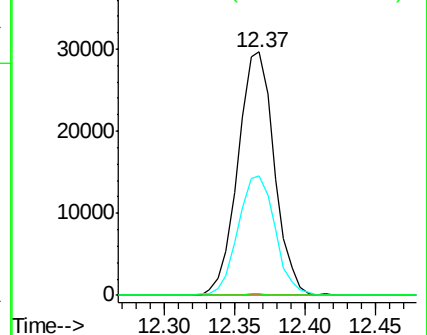
254 0.3 0.2 0.2#



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# 1983

Delta R.T. 0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

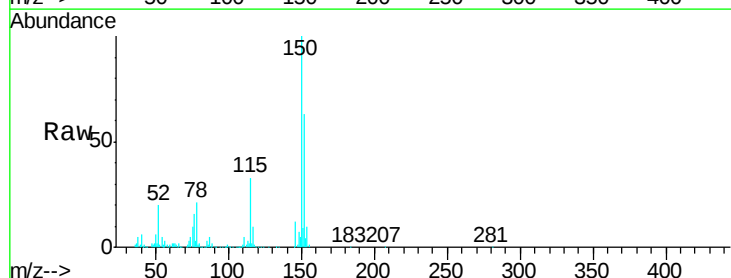
Tgt Ion:152 Resp: 291904

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

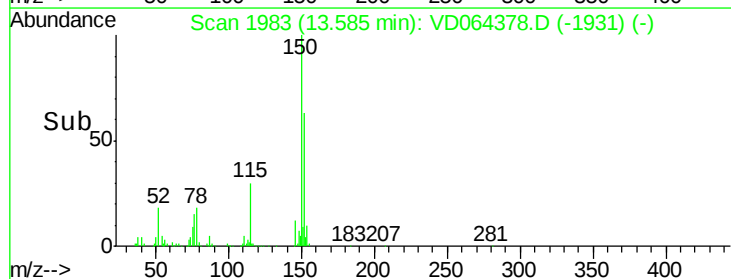
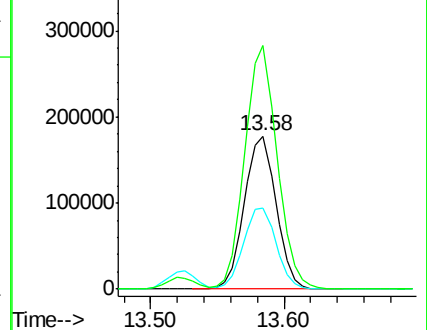
150 162.3 0.0 351.6

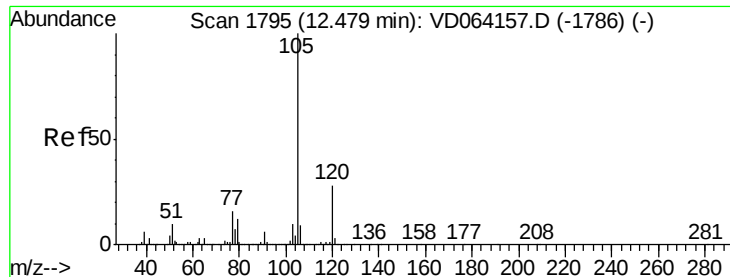


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.646 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

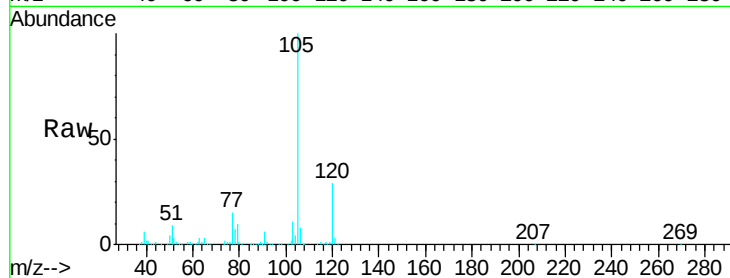
VD1126SBSD01

Tgt Ion: 105 Resp: 442350

Ion Ratio Lower Upper

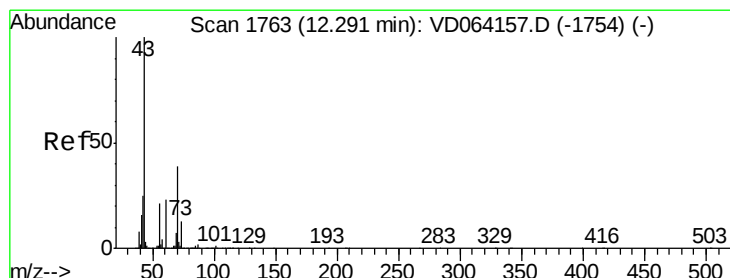
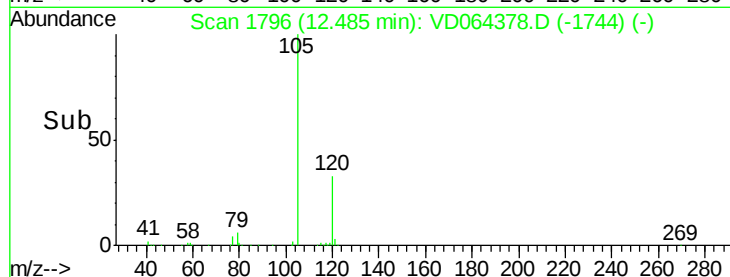
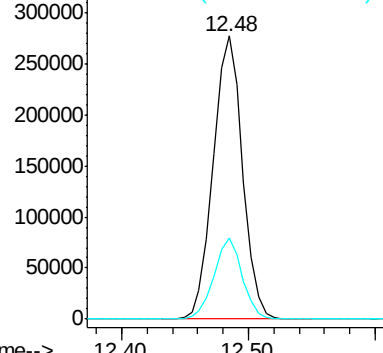
105 100

120 27.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.699 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Tgt Ion: 43 Resp: 94610

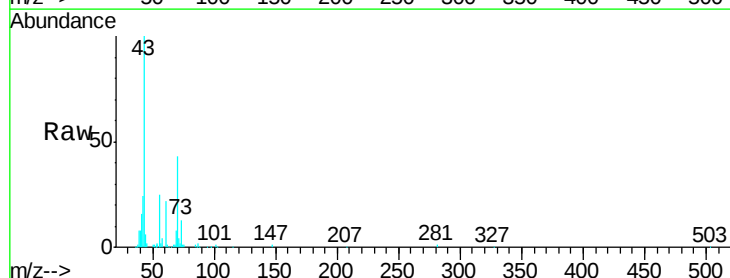
Ion Ratio Lower Upper

43 100

70 44.1 32.4 48.6

55 24.1 17.9 26.9

61 23.8 19.0 28.4

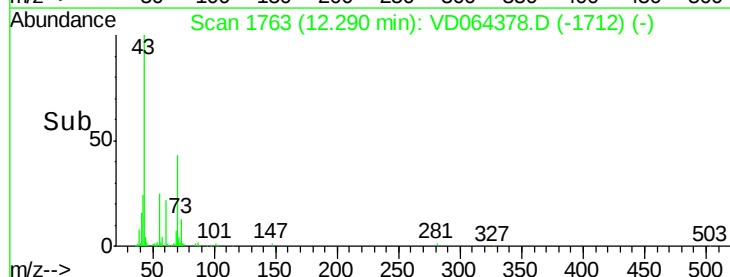
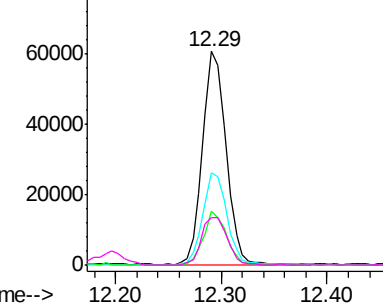


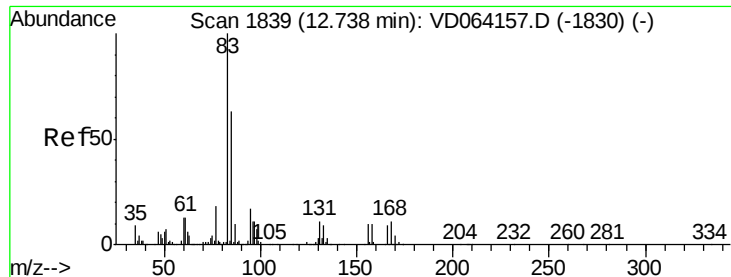
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.927 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

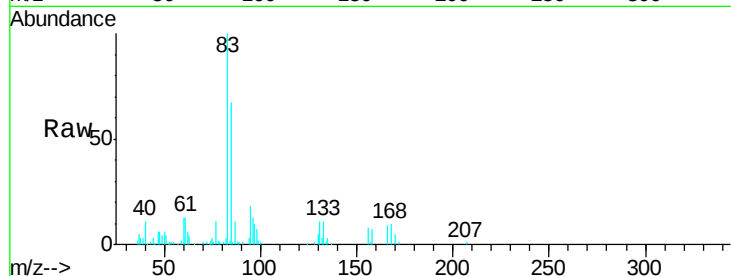
Tgt Ion: 83 Resp: 70790

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

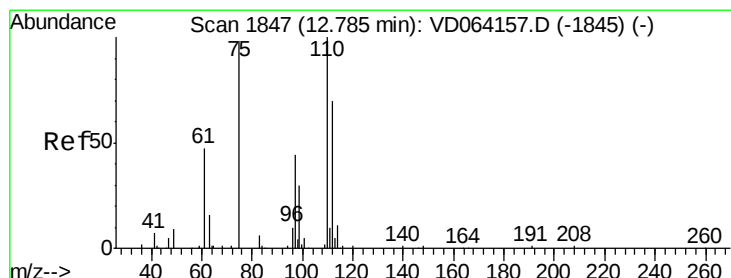
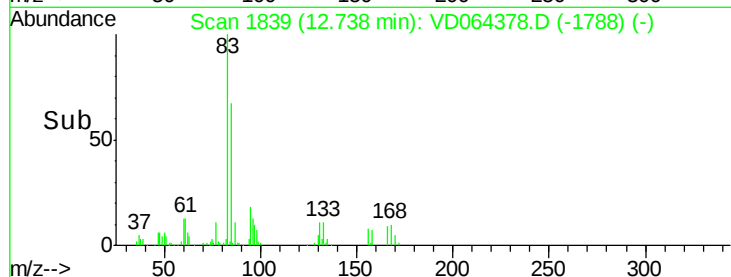
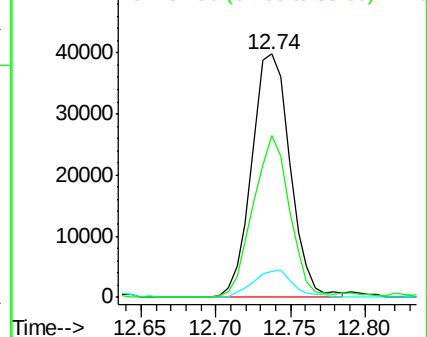
85 63.2 32.5 97.5



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: 38.939 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064378.D

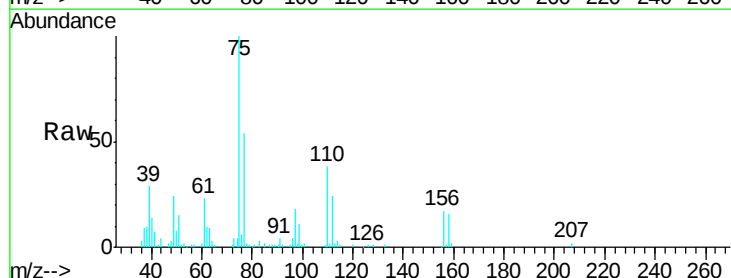
Acq: 26 Nov 2019 12:24

Tgt Ion: 75 Resp: 91554

Ion Ratio Lower Upper

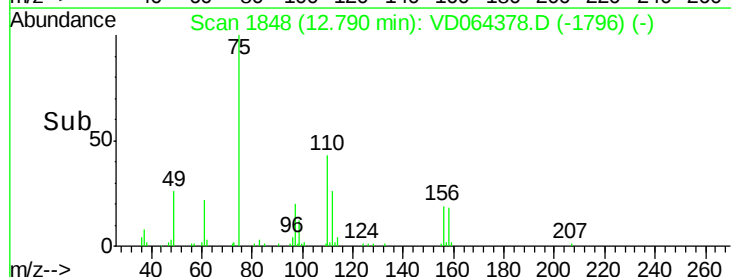
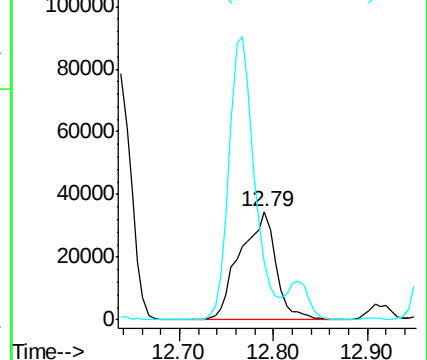
75 100

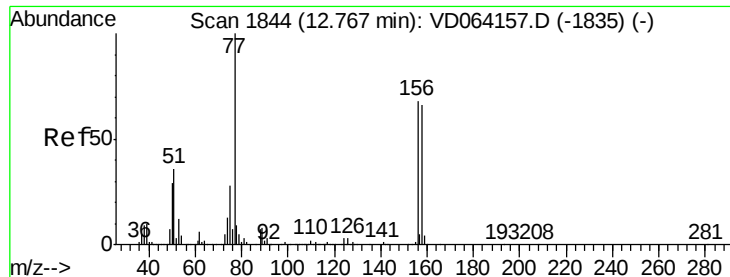
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.345 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

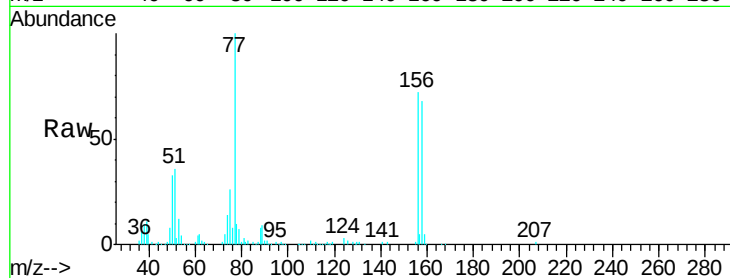
Tgt Ion: 156 Resp: 111108

Ion Ratio Lower Upper

156 100

77 155.6 81.2 243.4

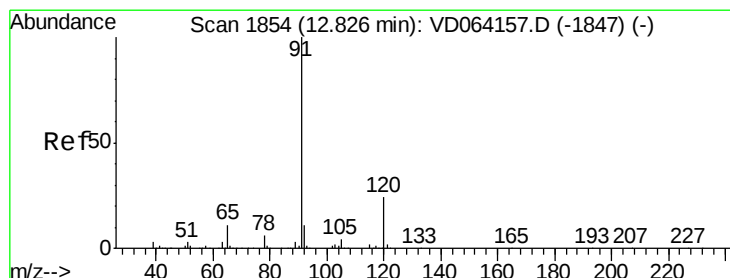
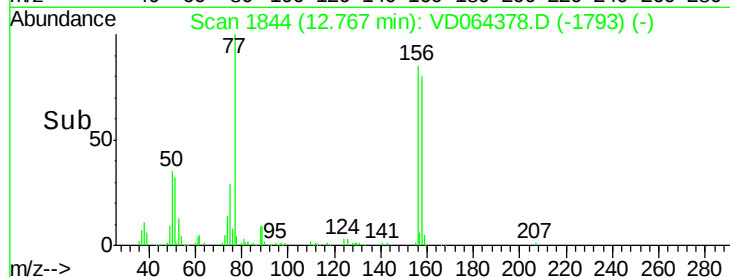
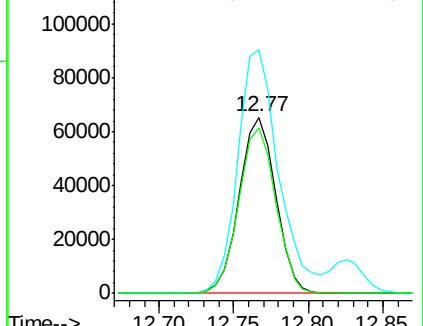
158 95.2 48.4 145.2



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: 21.082 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064378.D

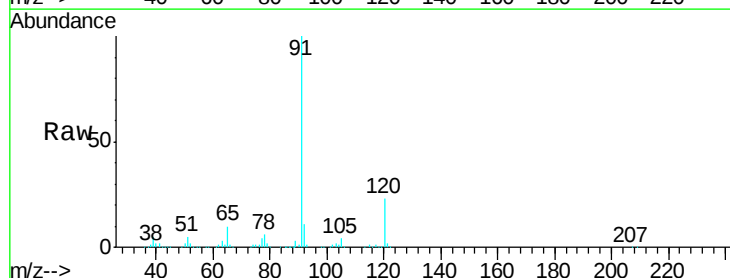
Acq: 26 Nov 2019 12:24

Tgt Ion: 91 Resp: 516079

Ion Ratio Lower Upper

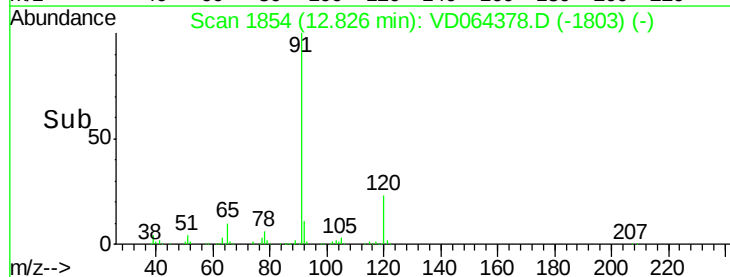
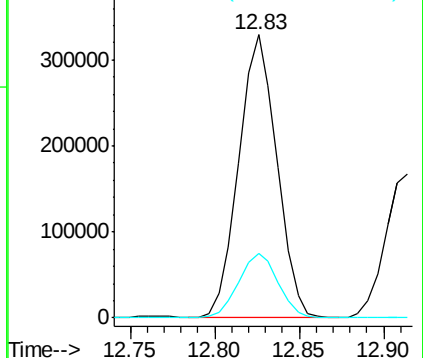
91 100

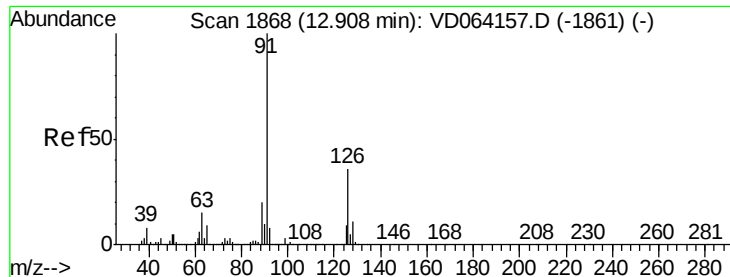
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.332 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

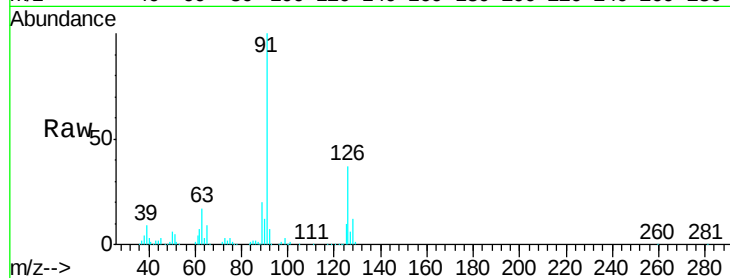
VD1126SBSD01

Tgt Ion: 91 Resp: 280993

Ion Ratio Lower Upper

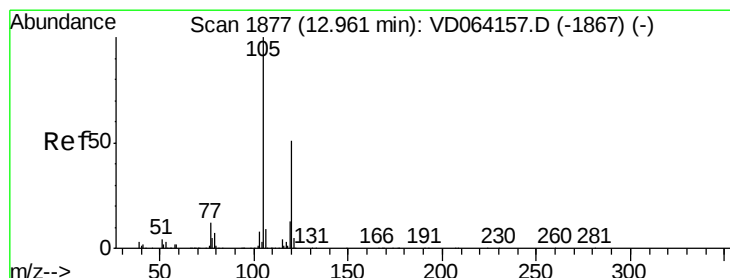
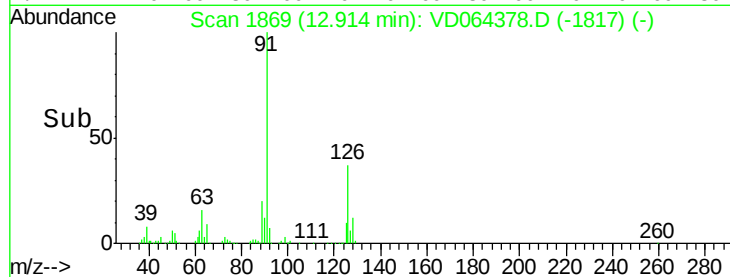
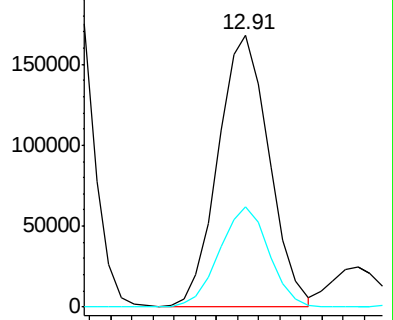
91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.644 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064378.D

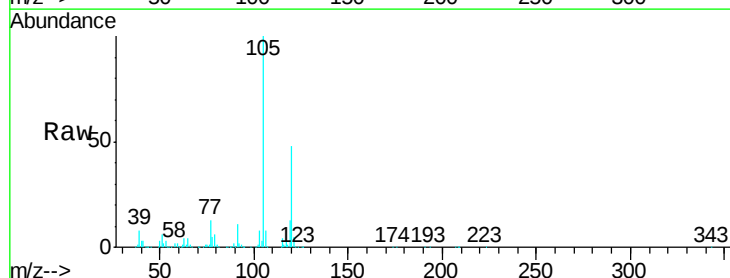
Acq: 26 Nov 2019 12:24

Tgt Ion: 105 Resp: 363454

Ion Ratio Lower Upper

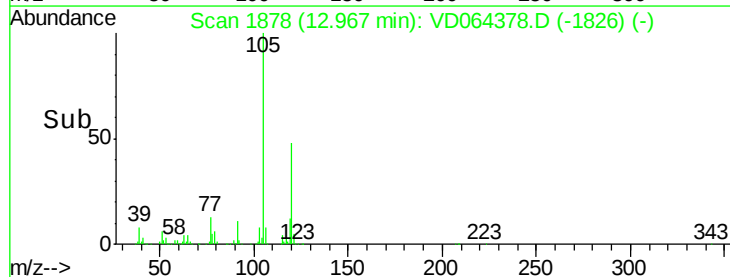
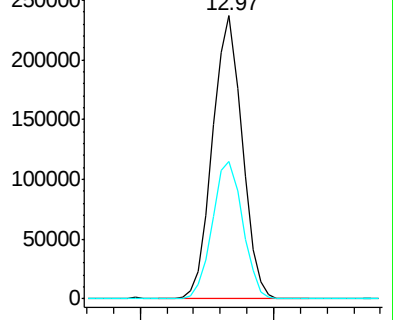
105 100

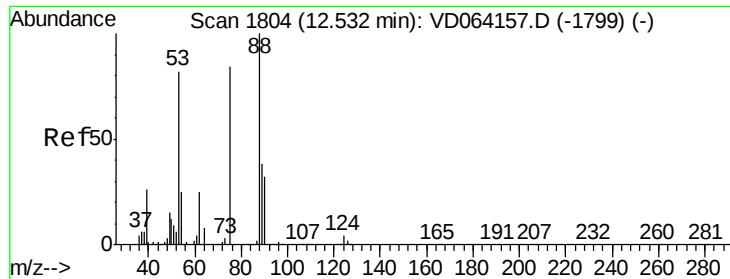
120 49.6 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.521 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

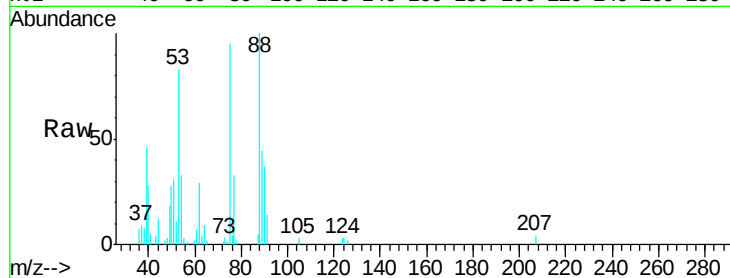
Tgt Ion: 75 Resp: 21923

Ion Ratio Lower Upper

75 100

53 101.4 79.4 119.0

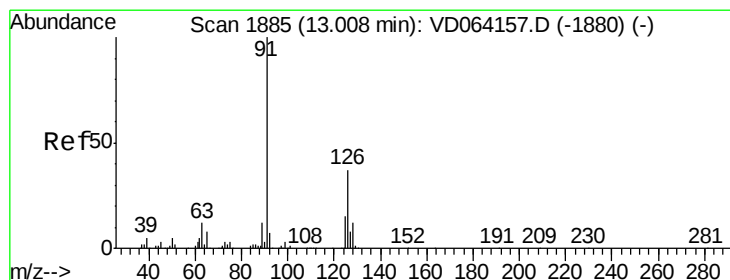
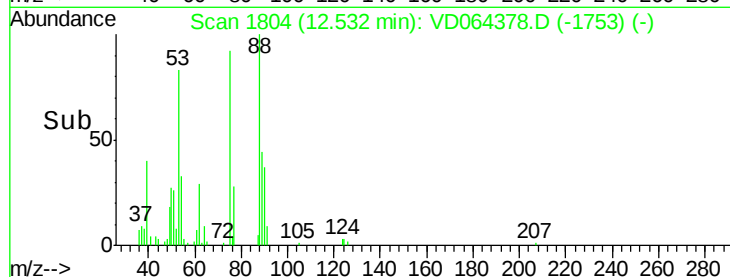
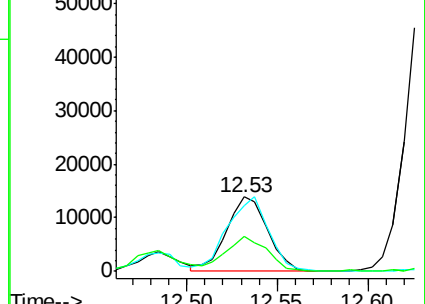
89 46.6 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.510 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD064378.D

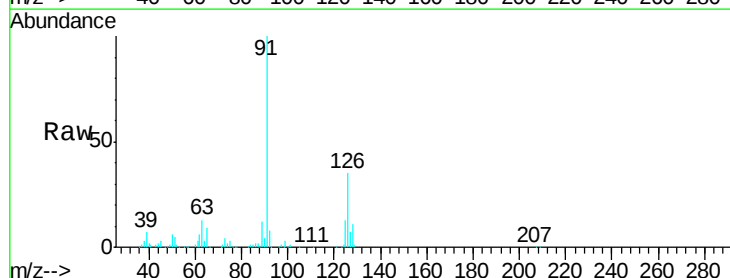
Acq: 26 Nov 2019 12:24

Tgt Ion: 91 Resp: 295656

Ion Ratio Lower Upper

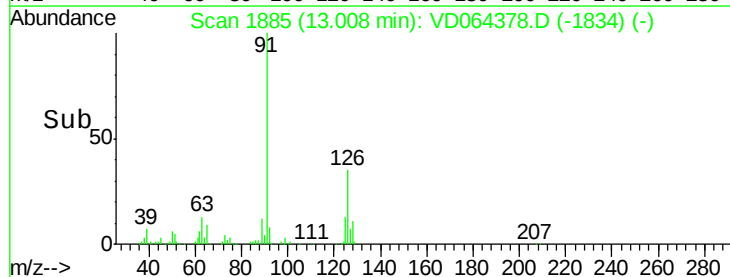
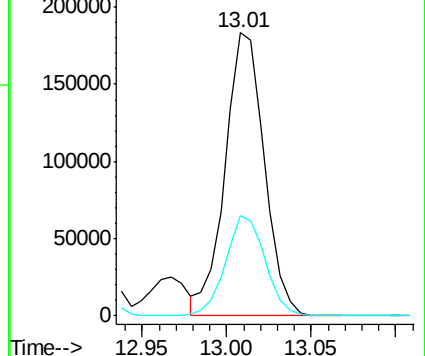
91 100

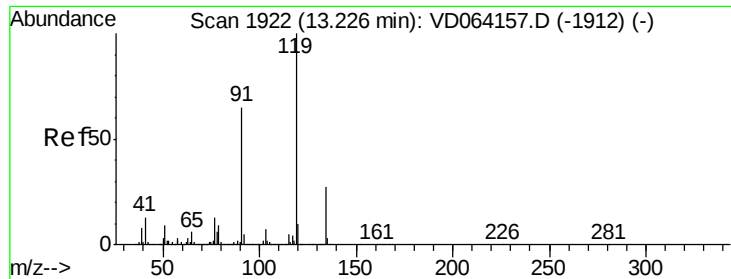
126 35.8 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

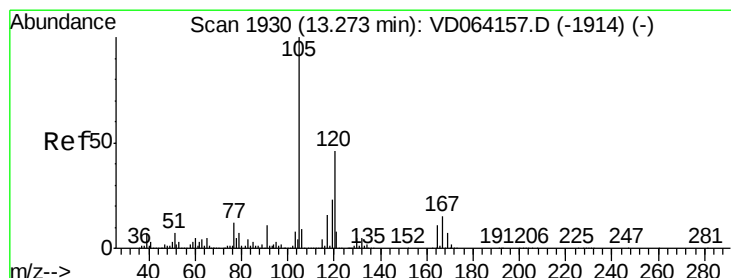
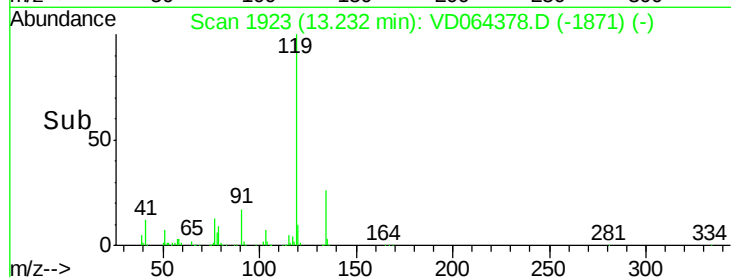
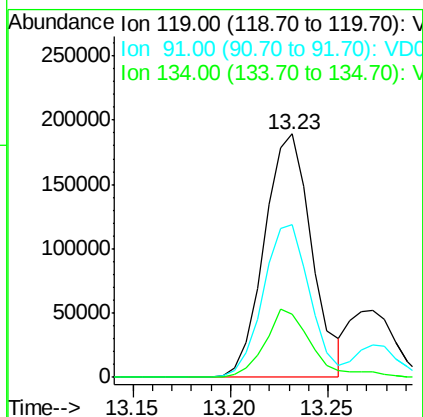
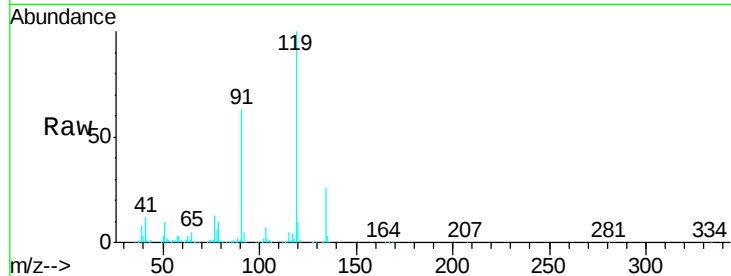




#83
 tert-Butylbenzene
 Concen: 20.569 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

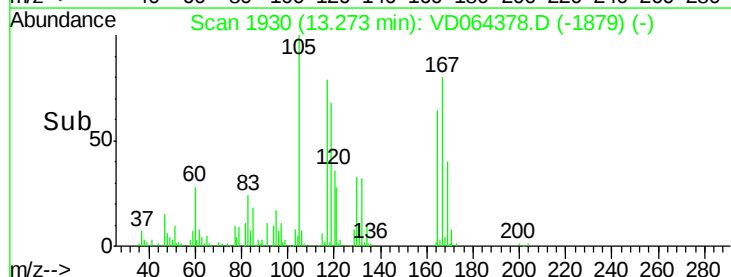
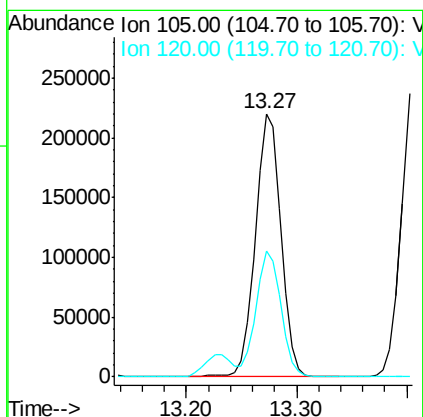
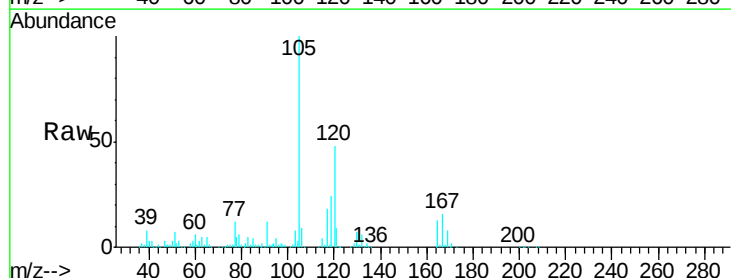
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

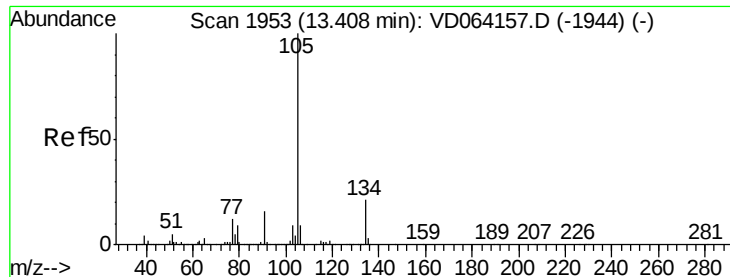
Tgt Ion:119 Resp: 319318
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.8 95.4
 134 27.8 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.584 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion:105 Resp: 357771
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.8

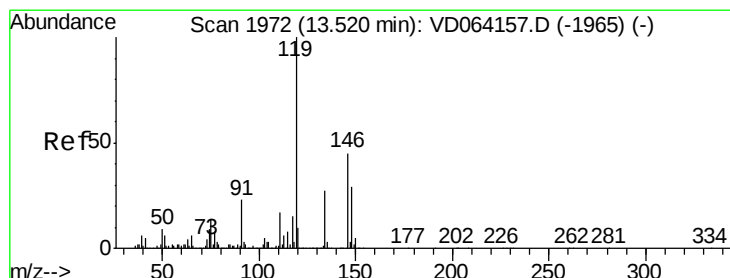
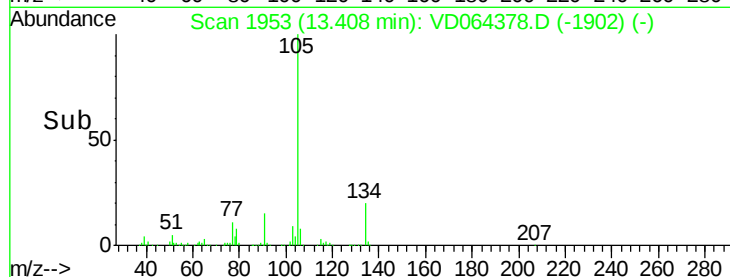
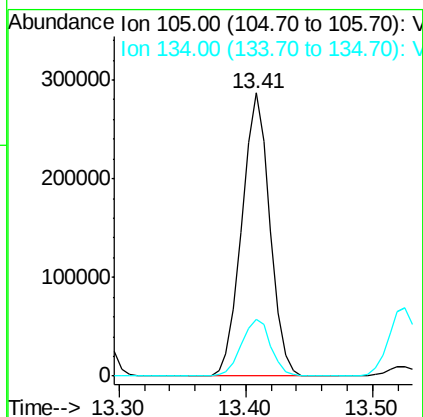
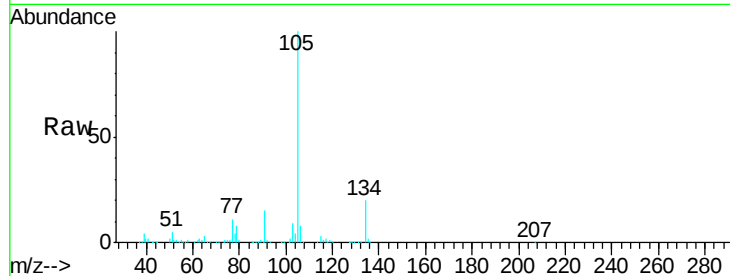




#85
 sec-Butylbenzene
 Concen: 21.068 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

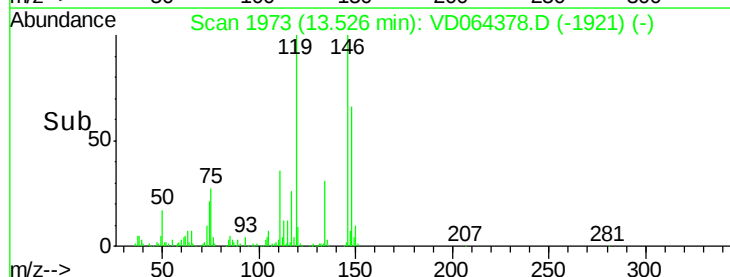
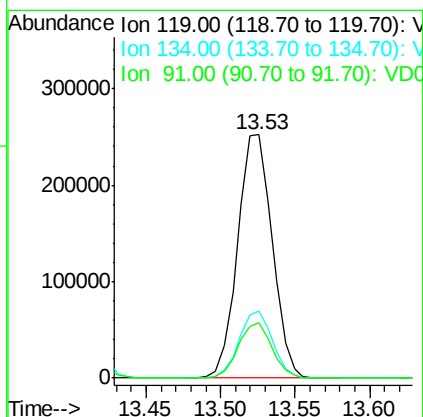
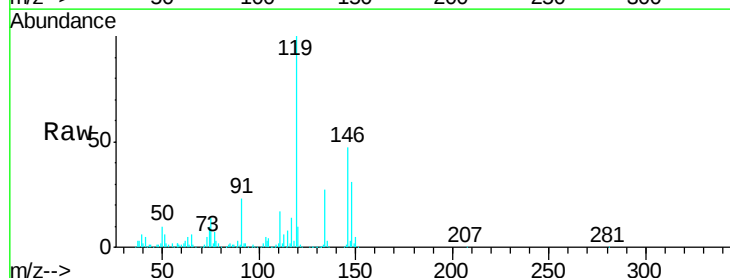
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

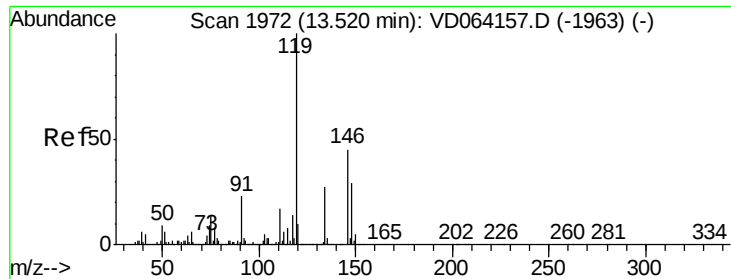
Tgt Ion:105 Resp: 439281
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.479 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion:119 Resp: 405947
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.5
 91 22.2 11.5 34.4

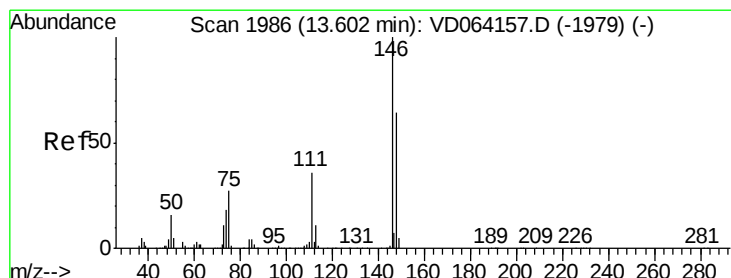
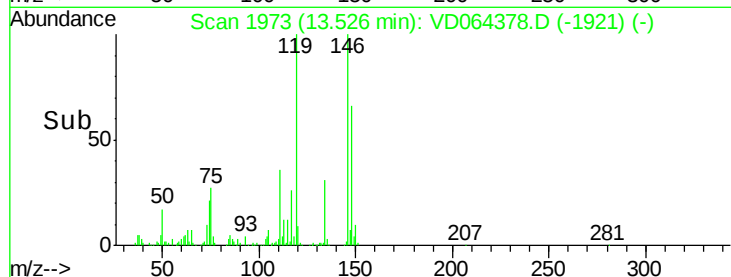
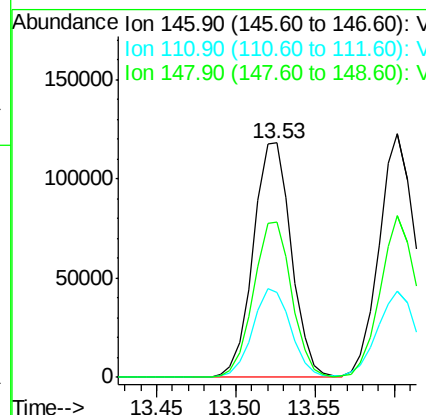
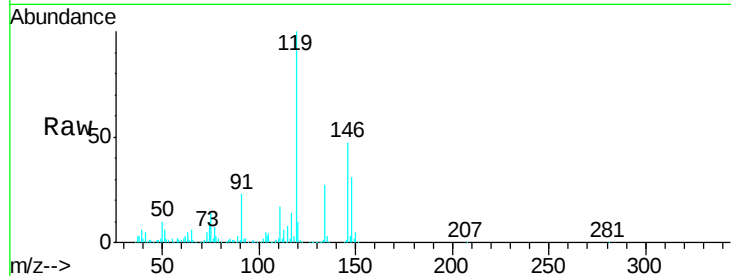




#87
 1,3-Dichlorobenzene
 Concen: 20.514 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

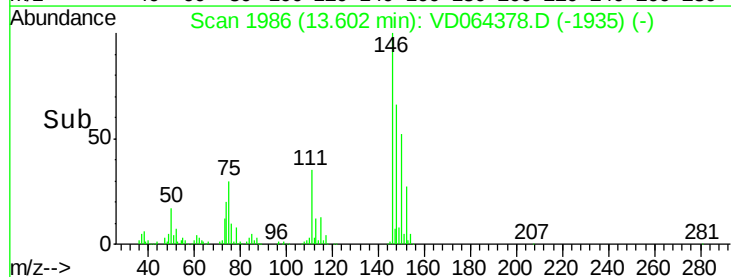
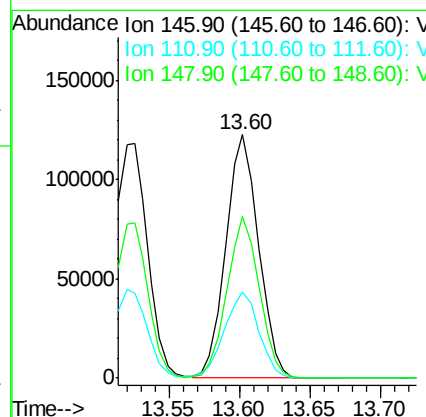
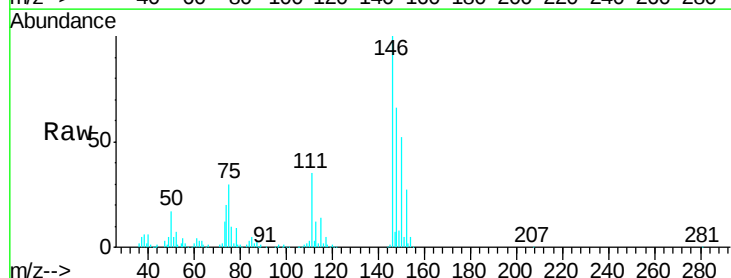
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

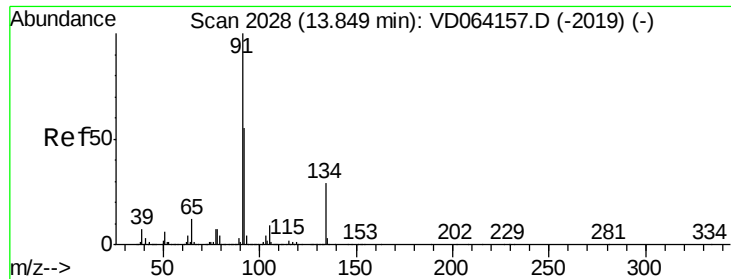
Tgt Ion:146 Resp: 198211
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 66.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.959 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion:146 Resp: 197650
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.4
 148 65.6 31.9 95.7

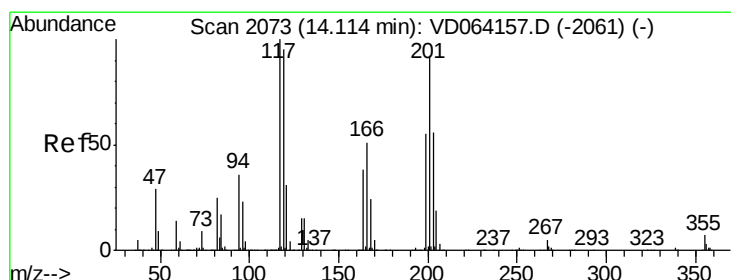
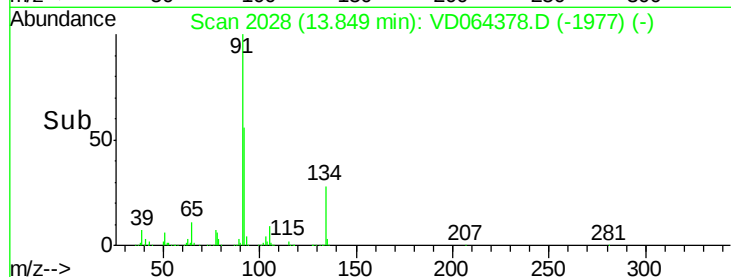
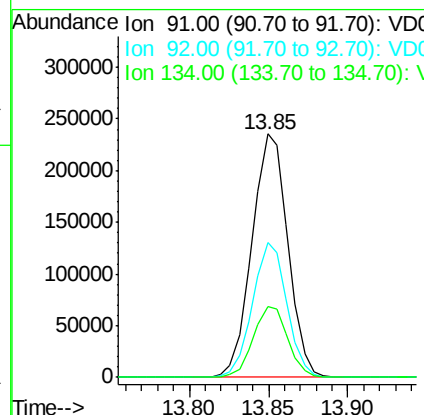
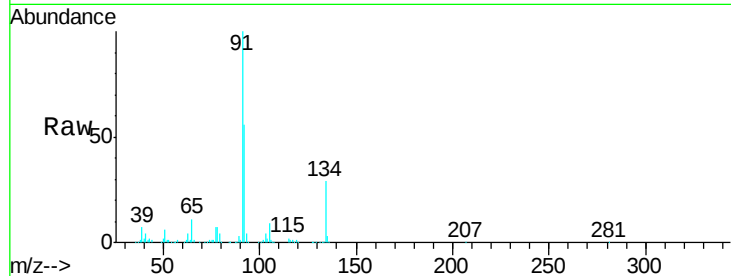




#89
n-Butylbenzene
Concen: 20.699 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

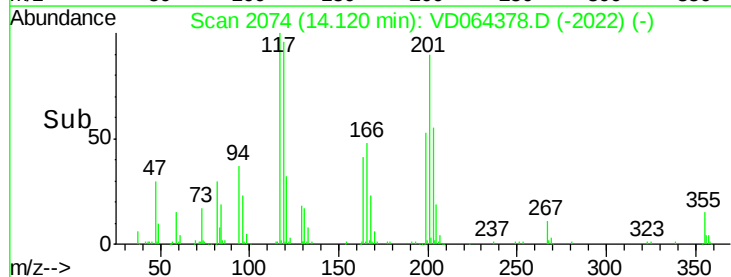
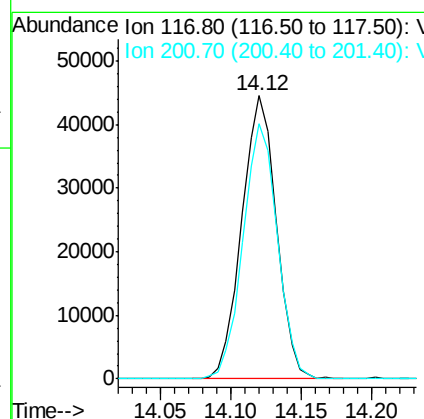
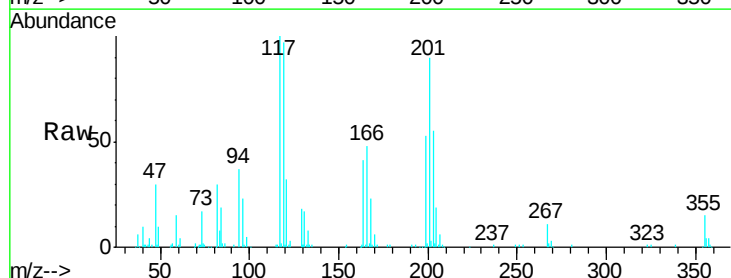
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

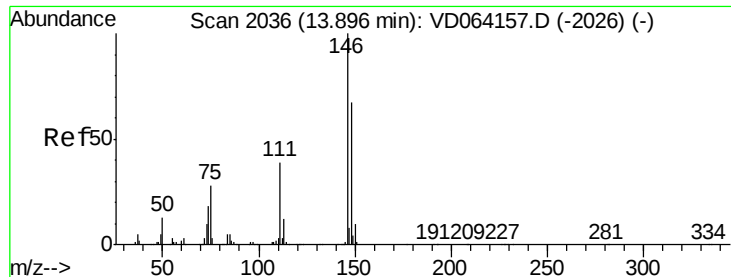
Tgt Ion: 91 Resp: 370692
Ion Ratio Lower Upper
91 100
92 53.1 27.3 81.8
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 20.857 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion: 117 Resp: 76408
Ion Ratio Lower Upper
117 100
201 89.5 45.8 137.4





#91

1,2-Dichlorobenzene

Concen: 21.177 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1126SBSD01

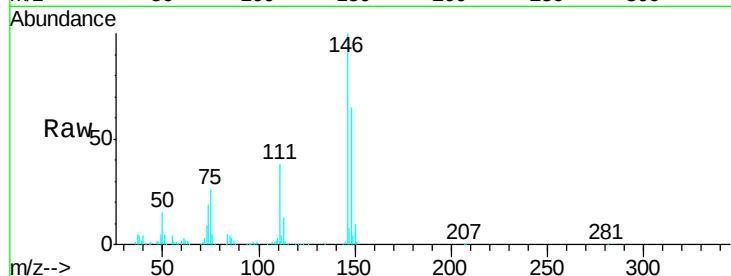
Tgt Ion:146 Resp: 173195

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.0

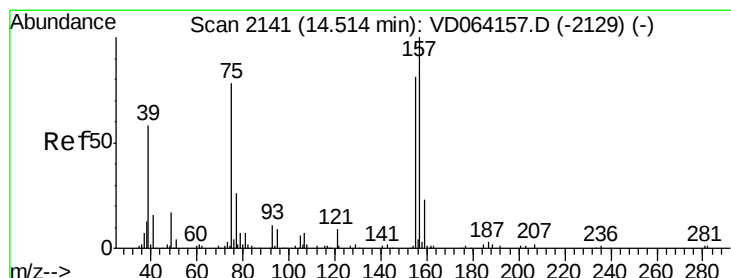
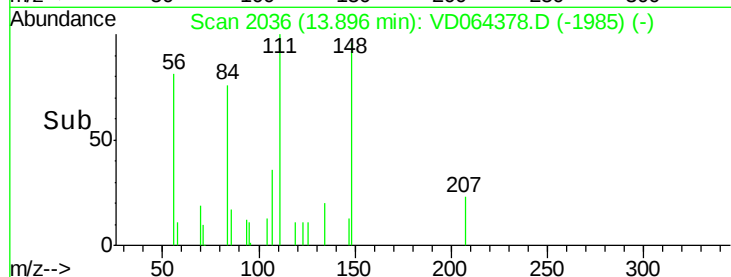
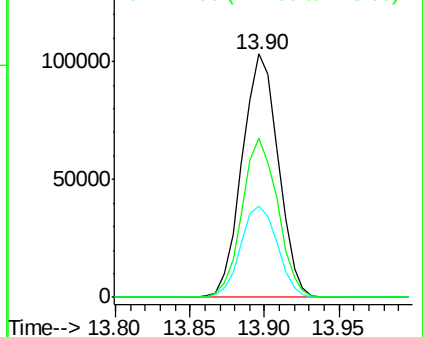
148 64.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.793 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD064378.D

Acq: 26 Nov 2019 12:24

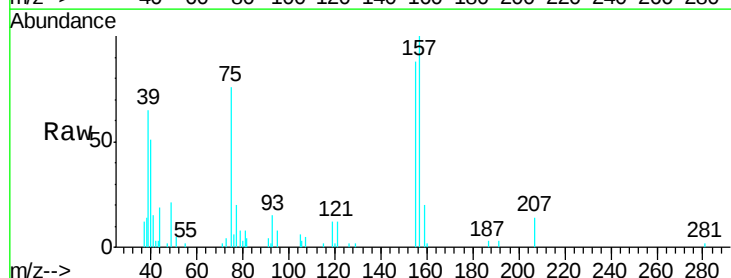
Tgt Ion: 75 Resp: 10848

Ion Ratio Lower Upper

75 100

155 102.3 48.0 144.0

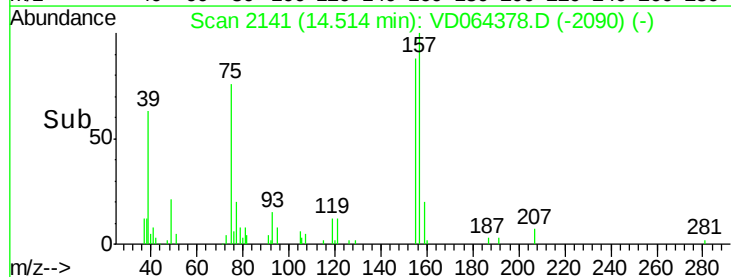
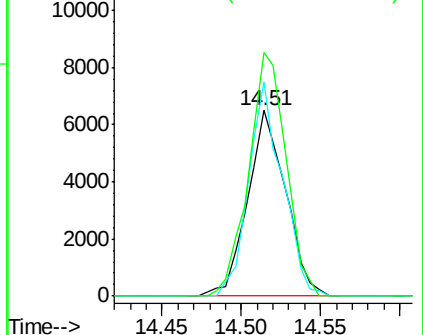
157 129.0 61.5 184.4

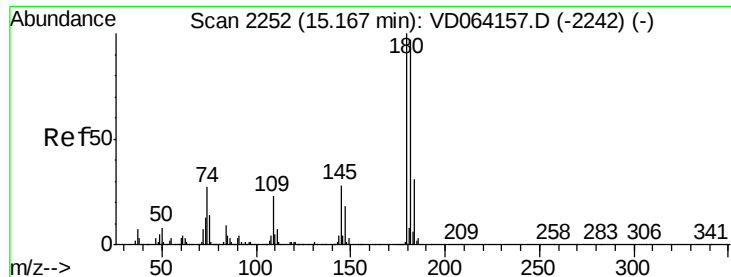


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

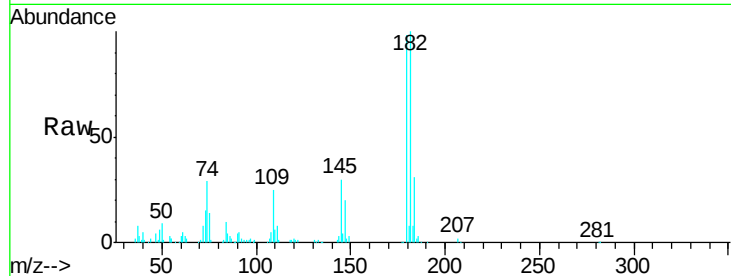




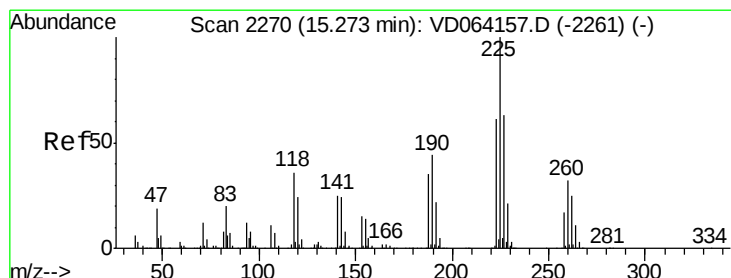
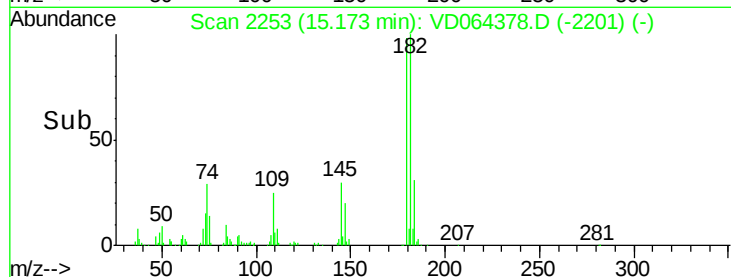
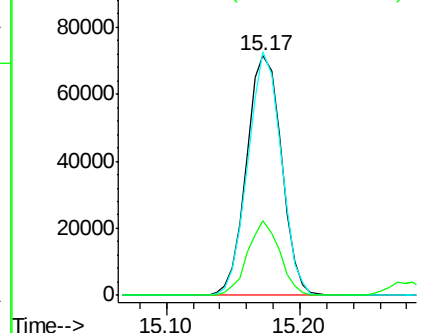
#93
 1,2,4-Trichlorobenzene
 Concen: 20.454 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.5
145	28.5	14.2	42.6

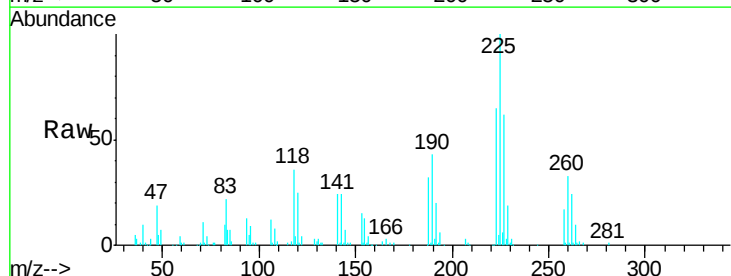


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

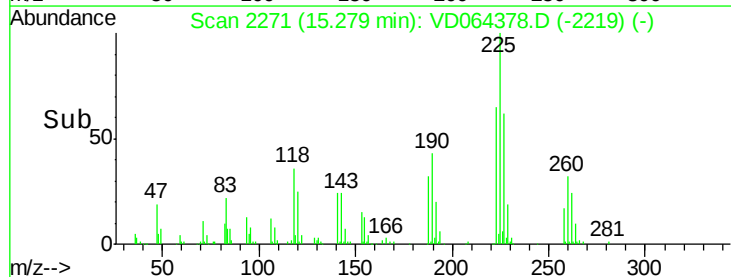
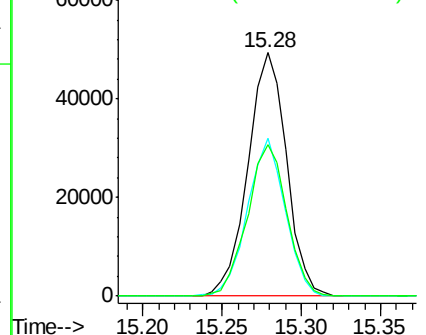


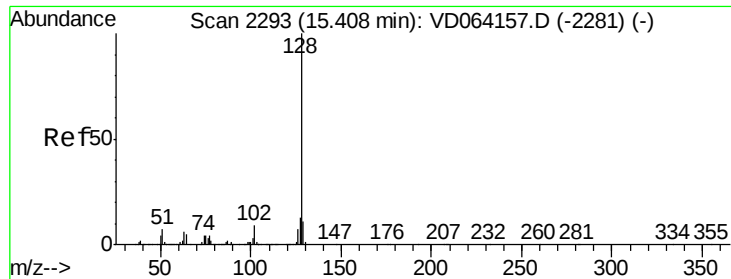
#94
 Hexachlorobutadiene
 Concen: 20.546 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064378.D
 Acq: 26 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.3
227	63.6	31.5	94.5



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

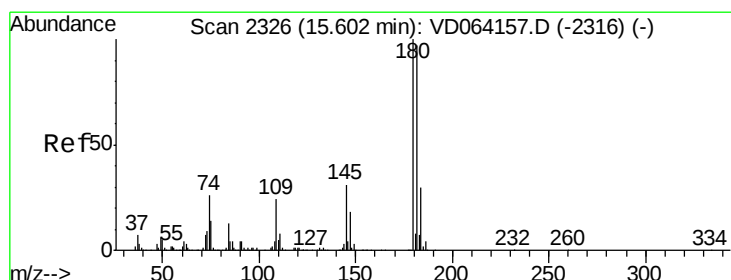
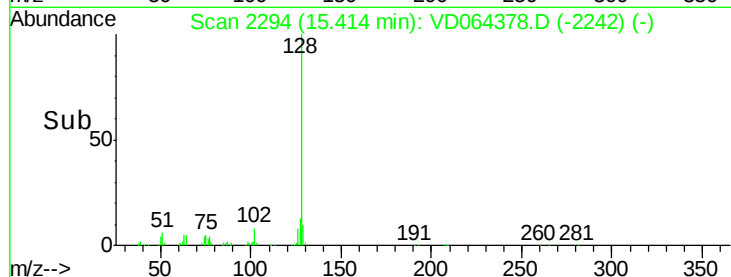
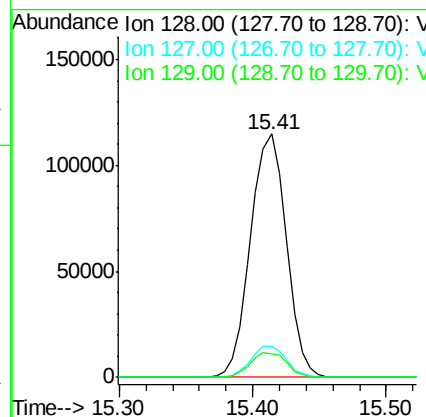
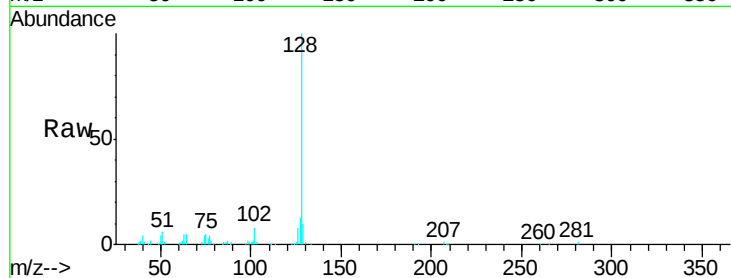




#95
Naphthalene
Concen: 20.677 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Tgt Ion:128 Resp: 213837
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.846 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD064378.D
Acq: 26 Nov 2019 12:24

Tgt Ion:180 Resp: 111790
Ion Ratio Lower Upper
180 100
182 91.2 48.3 144.9
145 29.5 15.3 45.8

