

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012720\
 Data File : VD064960.D
 Acq On : 27 Jan 2020 13:33
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Quant Time: Jan 27 14:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	468324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	692500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	607298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	235197	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	7.92	113	224657	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.34	98	892245	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.64	95	273407	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72821	20.64	ug/l	97
3) Chloromethane	2.21	50	111550	21.57	ug/l	100
4) Vinyl Chloride	2.35	62	126631	21.32	ug/l	96
5) Bromomethane	2.76	94	82617	20.68	ug/l	97
6) Chloroethane	2.92	64	82029	20.95	ug/l	98
7) Trichlorofluoromethane	3.27	101	192047	20.94	ug/l	98
8) Diethyl Ether	3.70	74	43207	20.87	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	95860	22.46	ug/l	97
10) Methyl Iodide	4.30	142	89074	19.66	ug/l	97
11) Tert butyl alcohol	5.26	59	24273	97.78	ug/l	98
12) 1,1-Dichloroethene	4.06	96	88037	21.60	ug/l	99
13) Acrolein	3.92	56	27541	88.50	ug/l	97
14) Allyl chloride	4.71	41	141680	21.79	ug/l	98
15) Acrylonitrile	5.43	53	93936	104.76	ug/l	100
16) Acetone	4.17	43	97759	91.16	ug/l	95
17) Carbon Disulfide	4.40	76	288747	21.52	ug/l	99
18) Methyl Acetate	4.73	43	46631	22.16	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	187770	20.61	ug/l	97
20) Methylene Chloride	4.97	84	109983	21.53	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	102448	21.81	ug/l	94
22) Diisopropyl ether	6.37	45	277665	21.43	ug/l	98
23) Vinyl Acetate	6.31	43	773841	102.00	ug/l	99
24) 1,1-Dichloroethane	6.27	63	171408	21.54	ug/l	97
25) 2-Butanone	7.22	43	121219	99.88	ug/l	94
26) 2,2-Dichloropropane	7.21	77	153586	21.28	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	106679	21.28	ug/l	99
28) Bromochloromethane	7.55	49	56139	17.64	ug/l	99
29) Tetrahydrofuran	7.57	42	74701	99.76	ug/l	99
30) Chloroform	7.71	83	174795	21.25	ug/l	94
31) Cyclohexane	7.98	56	164639	21.04	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	162949	21.30	ug/l	99
36) 1,1-Dichloropropene	8.11	75	139217	20.85	ug/l	99
37) Ethyl Acetate	7.30	43	54722	19.84	ug/l	97
38) Carbon Tetrachloride	8.10	117	148353	21.02	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012720\
 Data File : VD064960.D
 Acq On : 27 Jan 2020 13:33
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0127SBS01

Quant Time: Jan 27 14:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	164959	21.13	ug/l	95
40) Benzene	8.35	78	382871	20.82	ug/l	99
41) Methacrylonitrile	7.53	41	30066	20.23	ug/l	92
42) 1,2-Dichloroethane	8.43	62	113345	20.69	ug/l	97
43) Isopropyl Acetate	8.46	43	105970	20.23	ug/l	99
44) Trichloroethene	9.11	130	108491	21.08	ug/l	97
45) 1,2-Dichloropropane	9.39	63	94971	21.30	ug/l	99
46) Dibromomethane	9.48	93	49924	20.51	ug/l	97
47) Bromodichloromethane	9.67	83	135199	21.35	ug/l	98
48) Methyl methacrylate	9.46	41	51541	21.38	ug/l	95
49) 1,4-Dioxane	9.47	88	11216	397.30	ug/l #	92
51) 4-Methyl-2-Pentanone	10.24	43	263079	100.35	ug/l	99
52) Toluene	10.41	92	250202	21.10	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	124633	20.66	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	148098	20.97	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	67679	20.64	ug/l	96
56) Ethyl methacrylate	10.67	69	79572	20.29	ug/l	98
57) 1,3-Dichloropropane	10.95	76	117932	20.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	131652	101.07	ug/l	99
59) 2-Hexanone	10.99	43	176337	97.51	ug/l	99
60) Dibromochloromethane	11.15	129	88442	20.18	ug/l	98
61) 1,2-Dibromoethane	11.25	107	64936	20.57	ug/l	100
64) Tetrachloroethene	10.88	164	92594	21.10	ug/l	96
65) Chlorobenzene	11.68	112	261525	21.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	95672	20.63	ug/l	99
67) Ethyl Benzene	11.75	91	457695	20.91	ug/l	95
68) m/p-Xylenes	11.86	106	355807	42.22	ug/l	98
69) o-Xylene	12.18	106	155862	20.84	ug/l	100
70) Styrene	12.20	104	279962	21.01	ug/l	99
71) Bromoform	12.37	173	52707	20.45	ug/l #	99
73) Isopropylbenzene	12.48	105	445414	22.20	ug/l	99
74) N-amyl acetate	12.30	43	89573	19.95	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	71694	21.26	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	94445	38.77	ug/l #	100
77) Bromobenzene	12.77	156	105251	21.44	ug/l	99
78) n-propylbenzene	12.83	91	527510	22.11	ug/l	99
79) 2-Chlorotoluene	12.91	91	281736	21.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	355602	21.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	23984	21.02	ug/l	99
82) 4-Chlorotoluene	13.01	91	299528	21.58	ug/l	100
83) tert-Butylbenzene	13.23	119	300839	21.56	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	363461	21.82	ug/l	99
85) sec-Butylbenzene	13.41	105	425460	21.54	ug/l	100
86) p-Isopropyltoluene	13.53	119	404270	21.87	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	202123	21.46	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	197375	21.11	ug/l	98
89) n-Butylbenzene	13.86	91	368721	21.86	ug/l	100
90) Hexachloroethane	14.12	117	76291	21.40	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	170397	21.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11370	21.07	ug/l	98

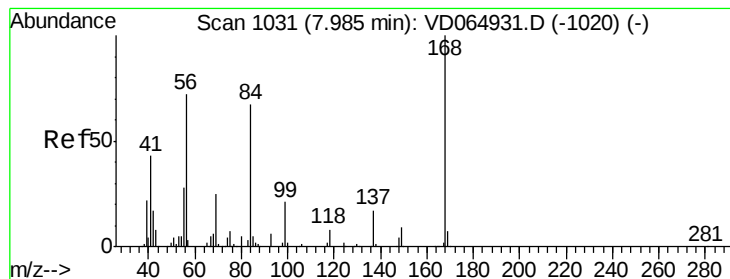
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012720\
Data File : VD064960.D
Acq On : 27 Jan 2020 13:33
Operator : VA/SY
Sample : VD0127SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

Quant Time: Jan 27 14:02:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123061	22.25	ug/l	99
94) Hexachlorobutadiene	15.28	225	76744	21.93	ug/l	97
95) Naphthalene	15.41	128	189217	21.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	103150	21.51	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

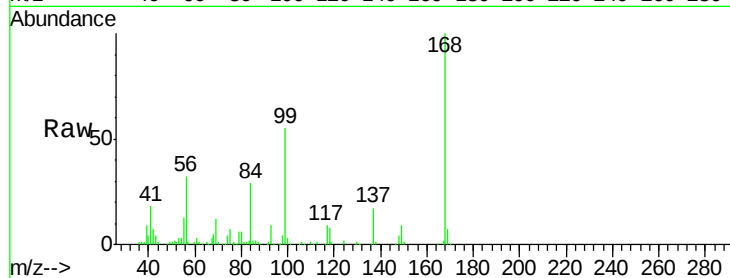
VD0127SBSD01

Tgt Ion:168 Resp: 468324

Ion Ratio Lower Upper

168 100

99 54.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

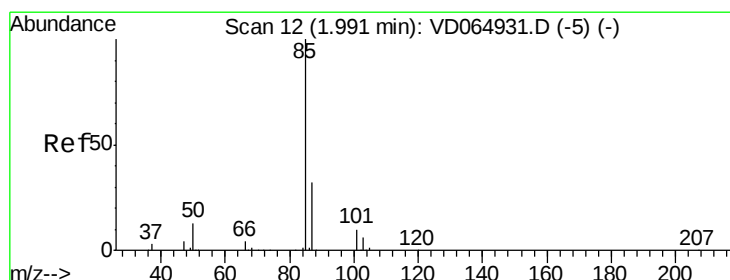
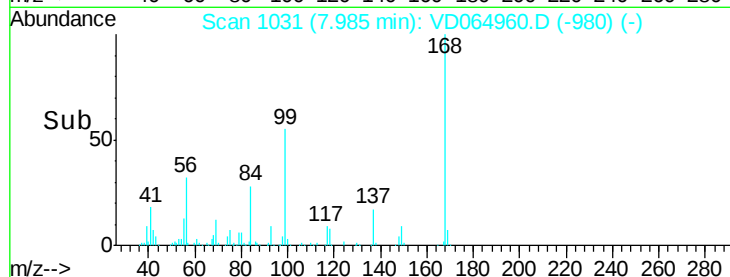
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 20.64 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064960.D

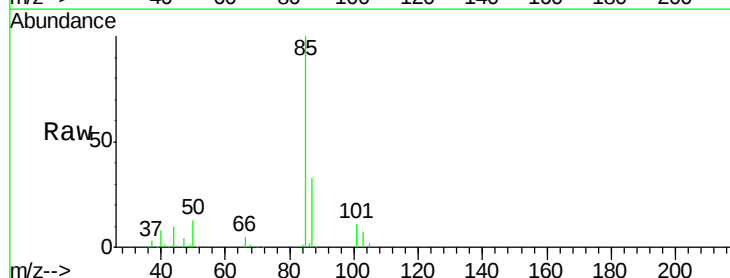
Acq: 27 Jan 2020 13:33

Tgt Ion: 85 Resp: 72821

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

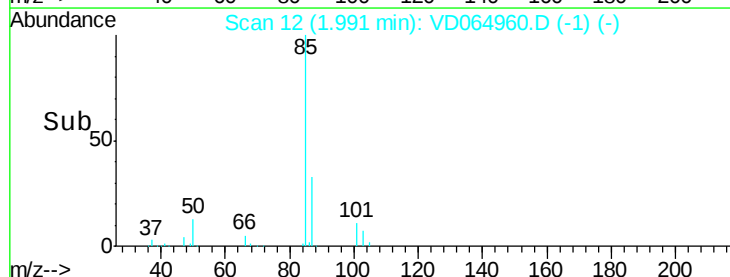
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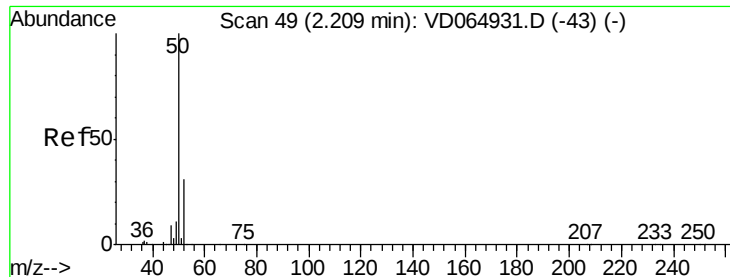
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.57 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

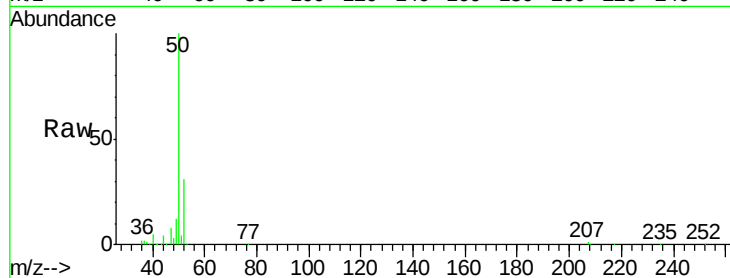
VD0127SBSD01

Tgt Ion: 50 Resp: 111550

Ion Ratio Lower Upper

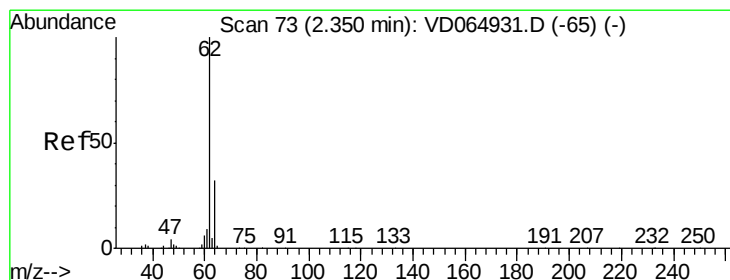
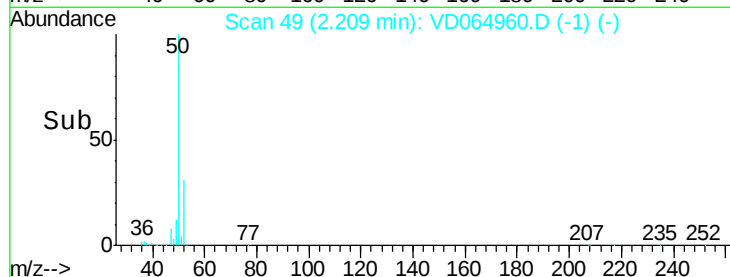
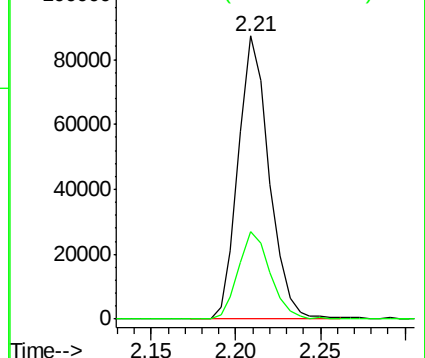
50 100

52 30.8 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.32 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064960.D

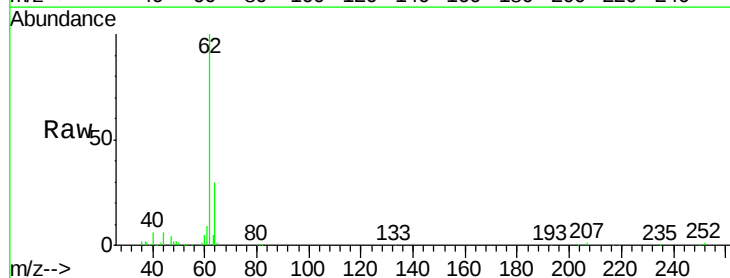
Acq: 27 Jan 2020 13:33

Tgt Ion: 62 Resp: 126631

Ion Ratio Lower Upper

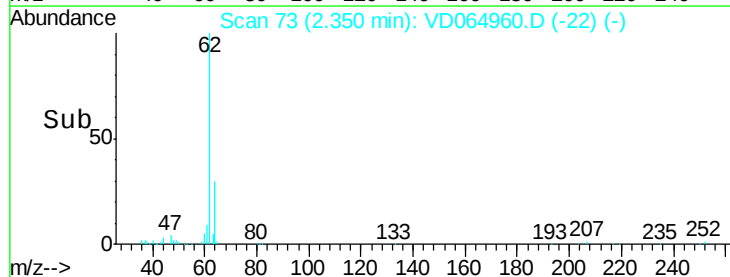
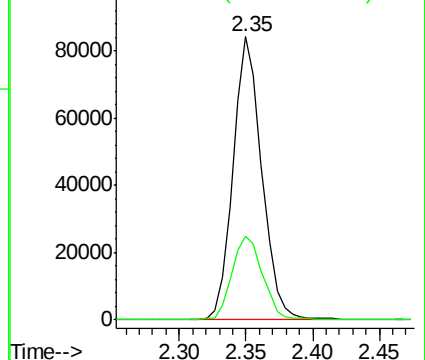
62 100

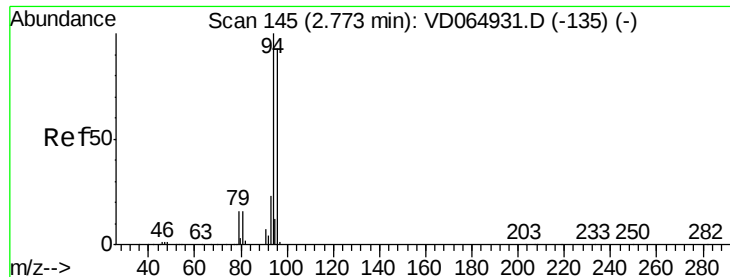
64 29.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.68 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

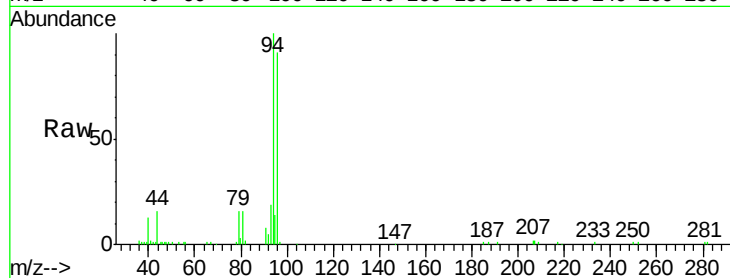
VD0127SBS01

Tgt Ion: 94 Resp: 82617

Ion Ratio Lower Upper

94 100

96 90.1 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

40000

30000

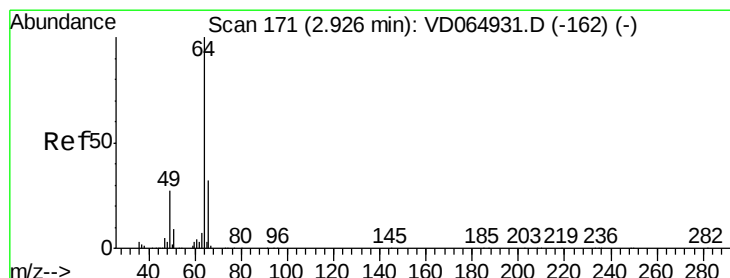
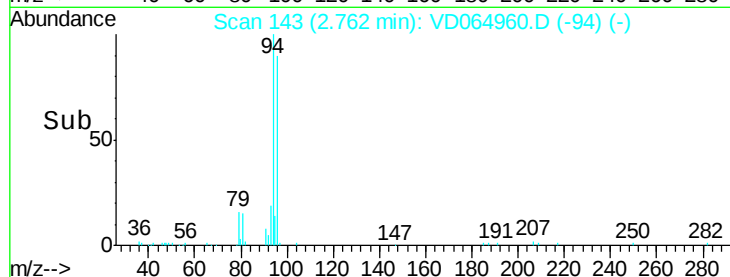
20000

10000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 20.95 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064960.D

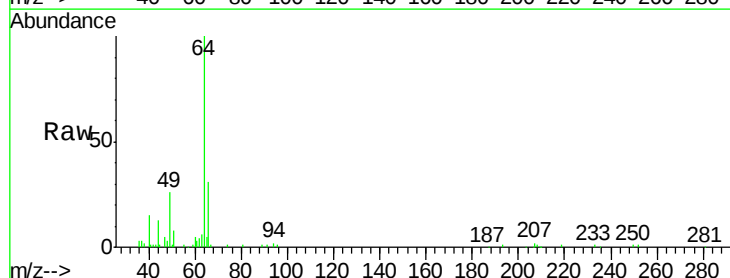
Acq: 27 Jan 2020 13:33

Tgt Ion: 64 Resp: 82029

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

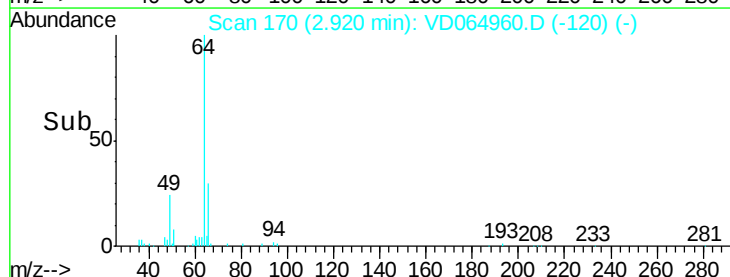
20000

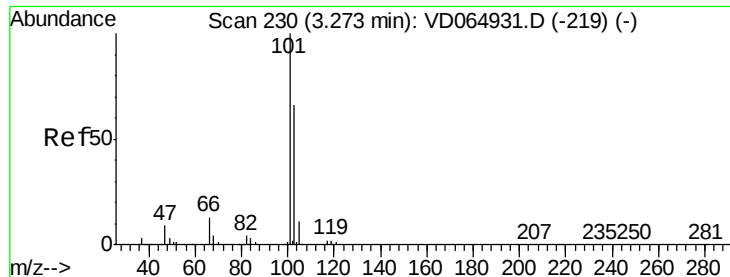
10000

0

Time-->

2.80 2.90 3.00





#7

Trichlorofluoromethane

Concen: 20.94 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

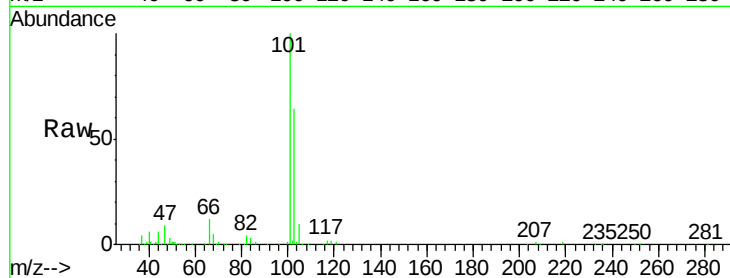
VD0127SBSD01

Tgt Ion: 101 Resp: 192047

Ion Ratio Lower Upper

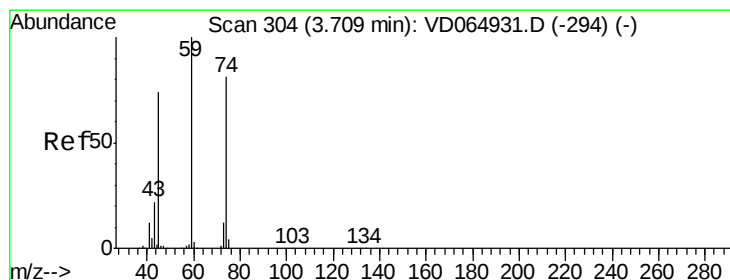
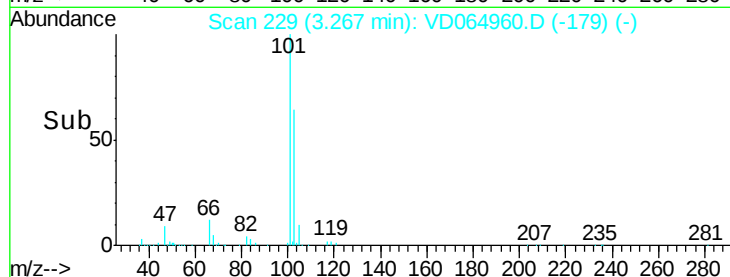
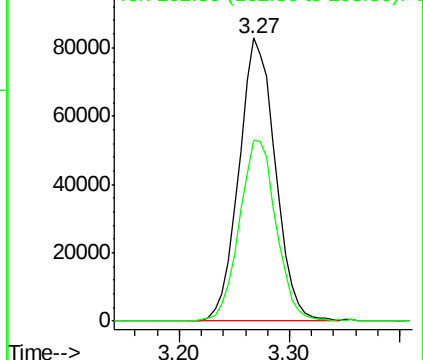
101 100

103 63.8 52.5 78.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.87 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD064960.D

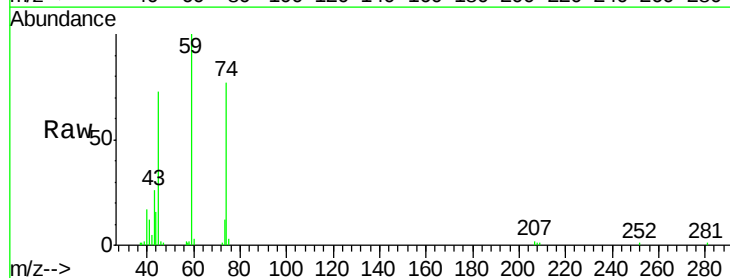
Acq: 27 Jan 2020 13:33

Tgt Ion: 74 Resp: 43207

Ion Ratio Lower Upper

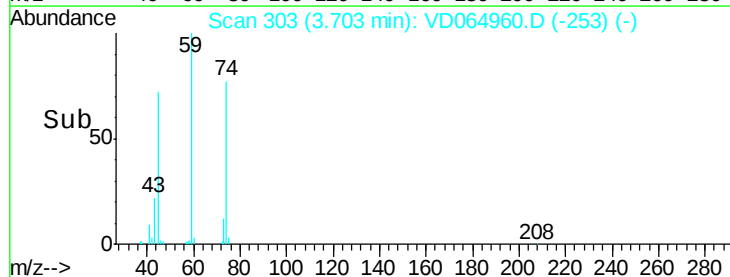
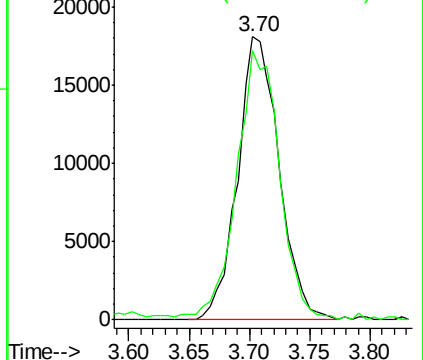
74 100

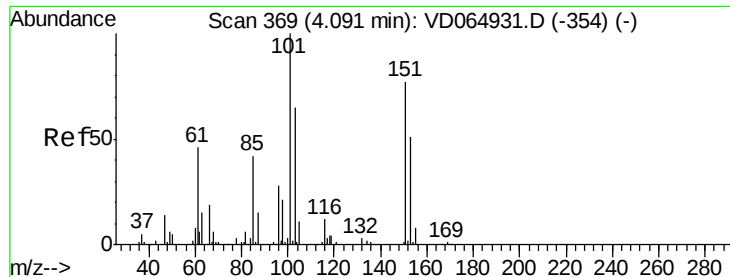
45 98.9 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.46 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

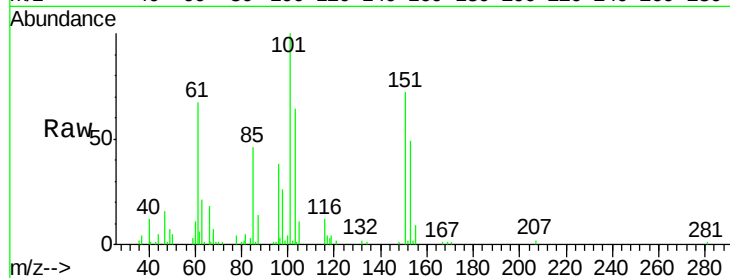
Tgt Ion:101 Resp: 95860

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

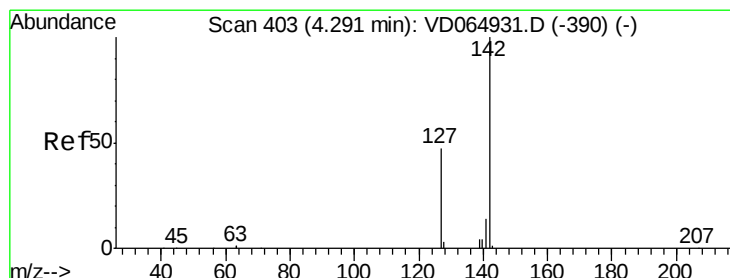
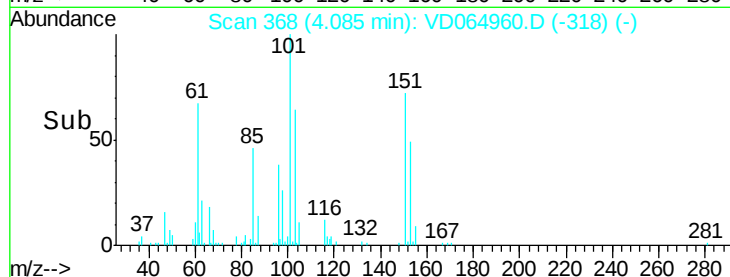
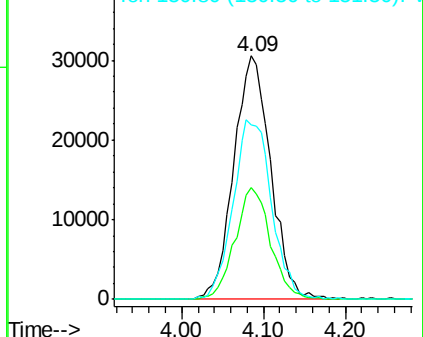
151 76.9 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.66 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

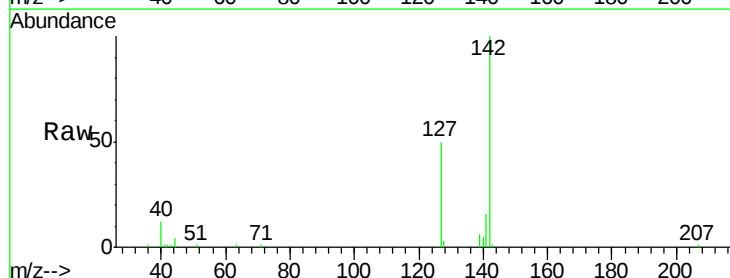
Tgt Ion:142 Resp: 89074

Ion Ratio Lower Upper

142 100

127 47.7 36.2 54.2

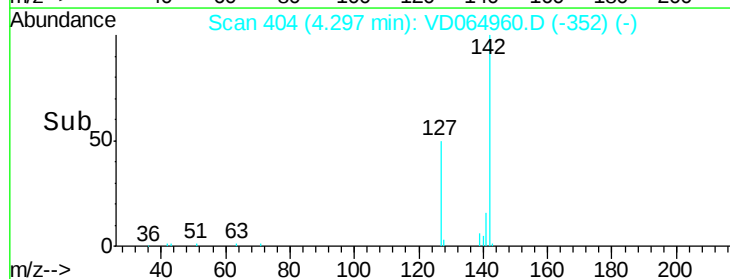
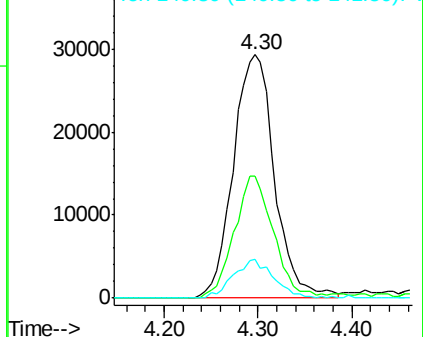
141 15.5 11.6 17.4

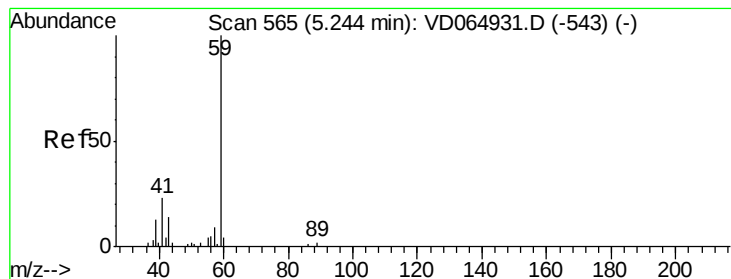


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.78 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

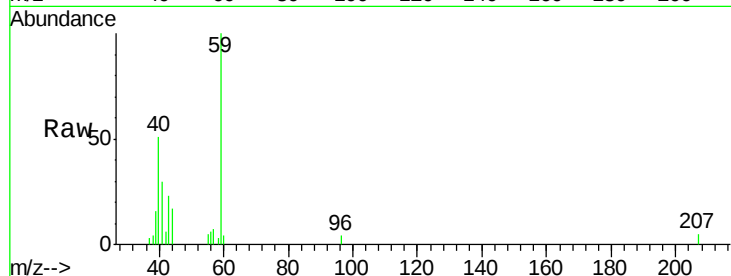
VD0127SBS01

Tgt Ion: 59 Resp: 24273

Ion Ratio Lower Upper

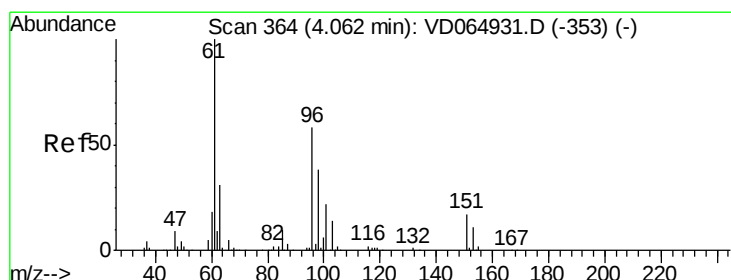
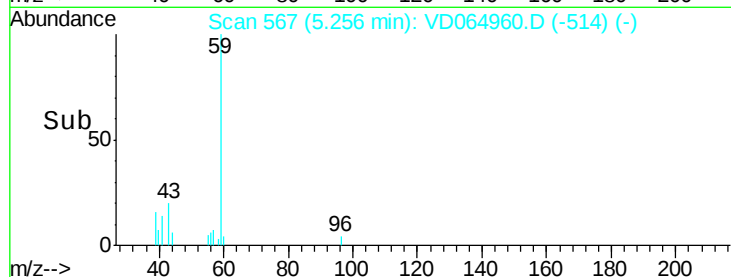
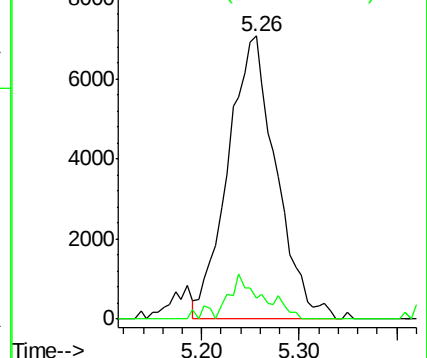
59 100

57 9.0 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.60 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

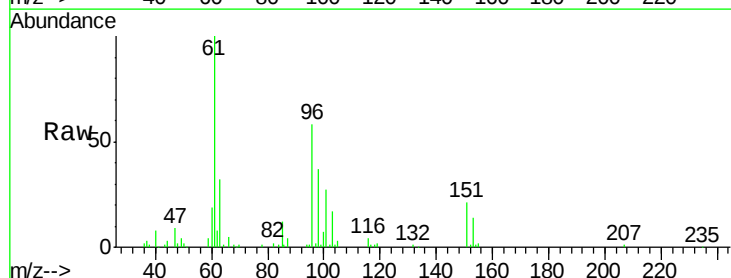
Tgt Ion: 96 Resp: 88037

Ion Ratio Lower Upper

96 100

61 173.0 137.0 205.4

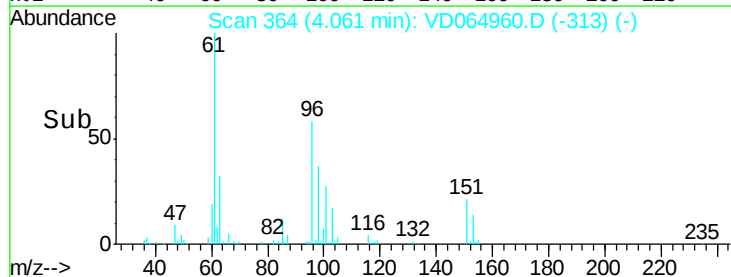
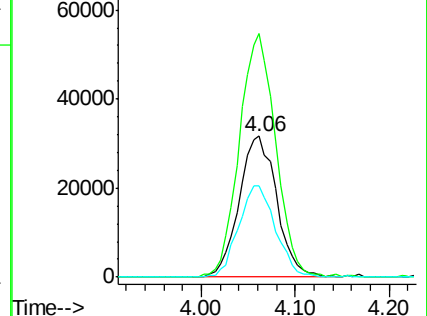
98 64.8 52.1 78.1

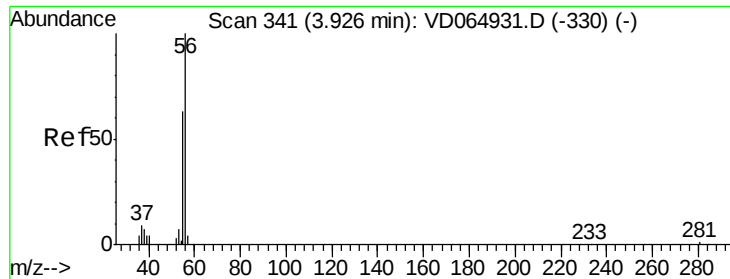


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 88.50 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

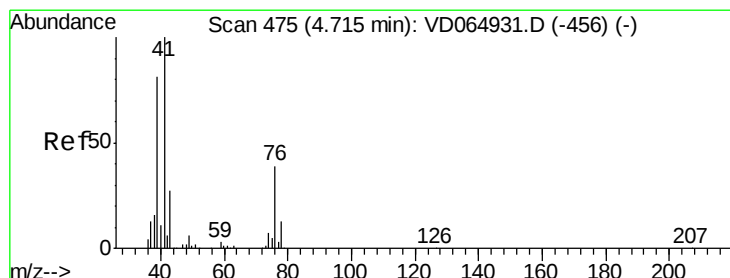
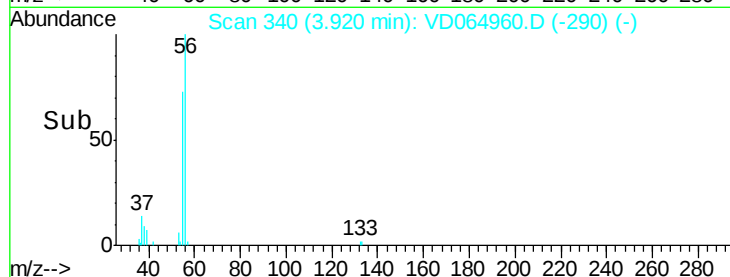
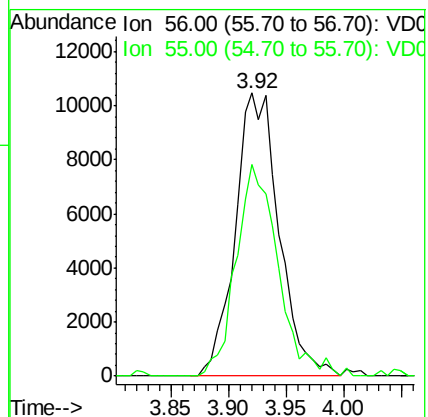
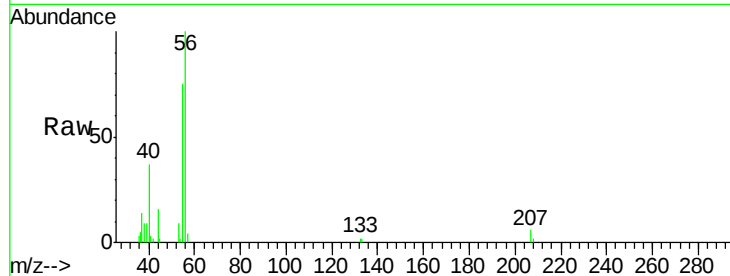
VD0127SBSD01

Tgt Ion: 56 Resp: 27541

Ion Ratio Lower Upper

56 100

55 72.2 59.7 89.5



#14

Allyl chloride

Concen: 21.79 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

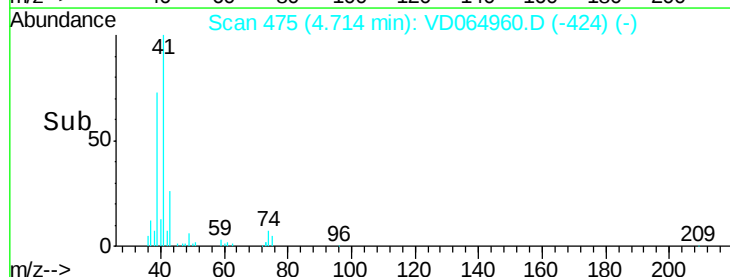
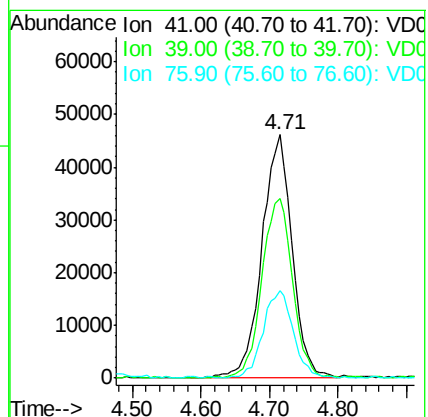
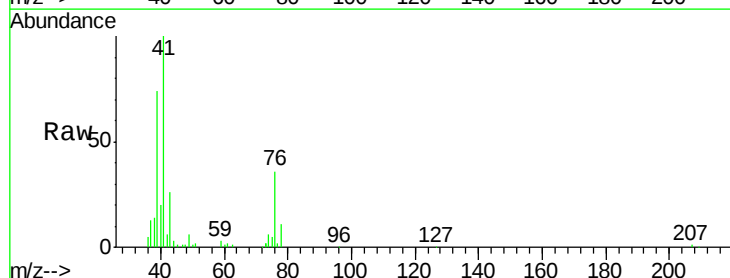
Tgt Ion: 41 Resp: 141680

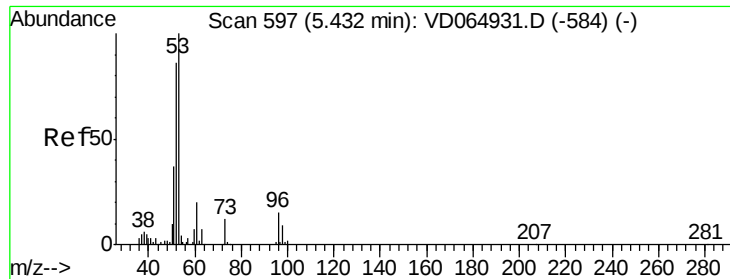
Ion Ratio Lower Upper

41 100

39 74.9 62.0 93.0

76 35.9 29.3 43.9





#15

Acrylonitrile

Concen: 104.76 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

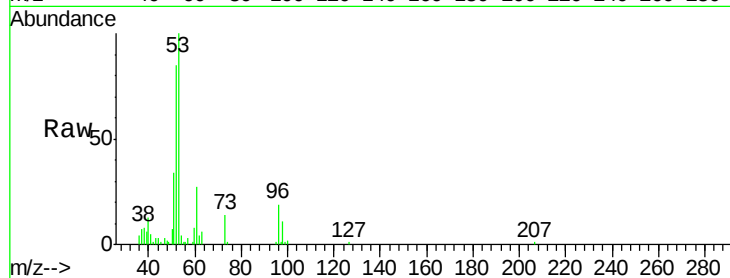
Tgt Ion: 53 Resp: 93936

Ion Ratio Lower Upper

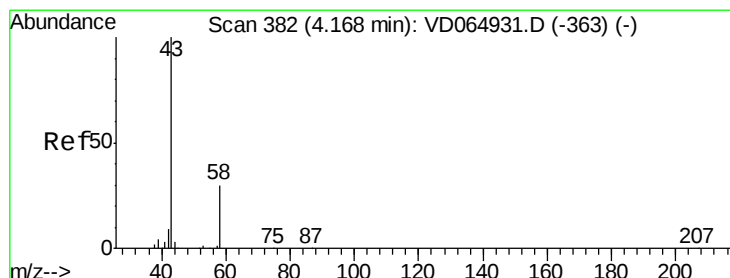
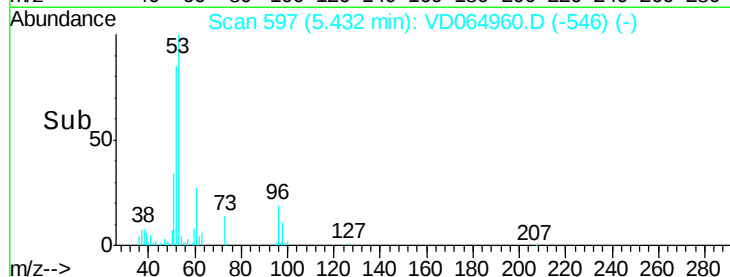
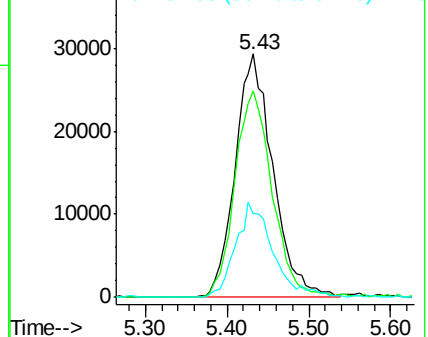
53 100

52 83.7 66.7 100.1

51 38.5 31.1 46.7



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



#16

Acetone

Concen: 91.16 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064960.D

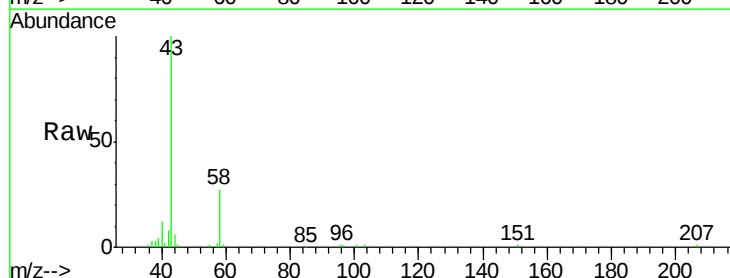
Acq: 27 Jan 2020 13:33

Tgt Ion: 43 Resp: 97759

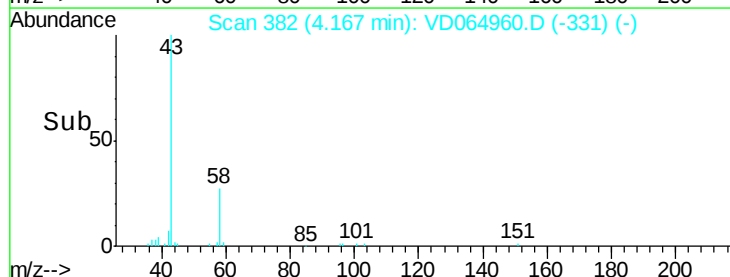
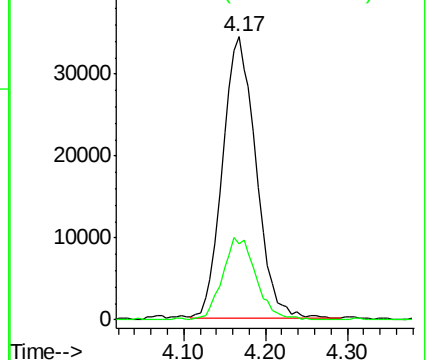
Ion Ratio Lower Upper

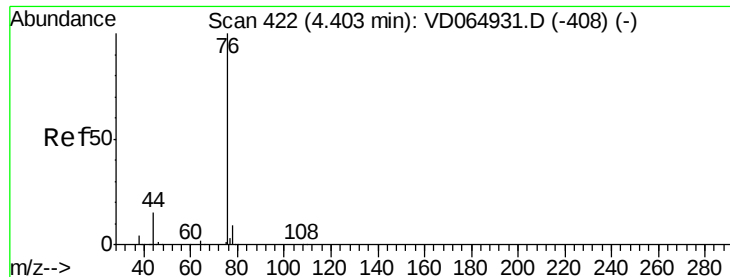
43 100

58 27.2 23.8 35.8



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





#17

Carbon Disulfide

Concen: 21.52 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

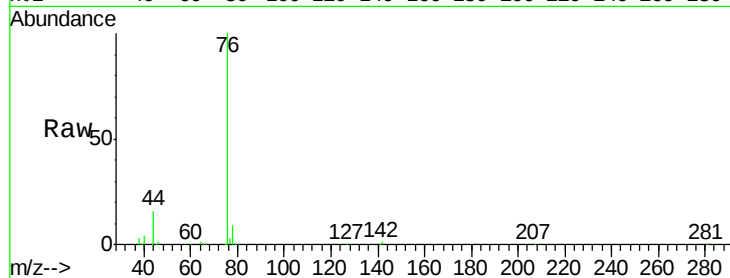
VD0127SBSD01

Tgt Ion: 76 Resp: 288747

Ion Ratio Lower Upper

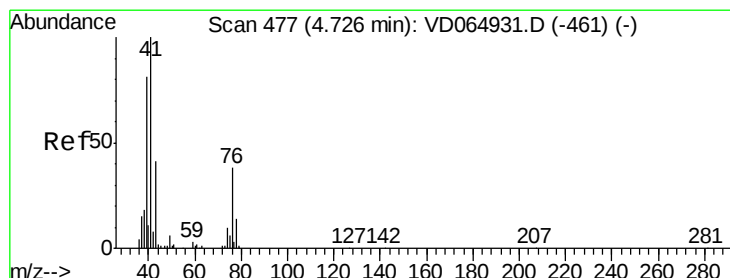
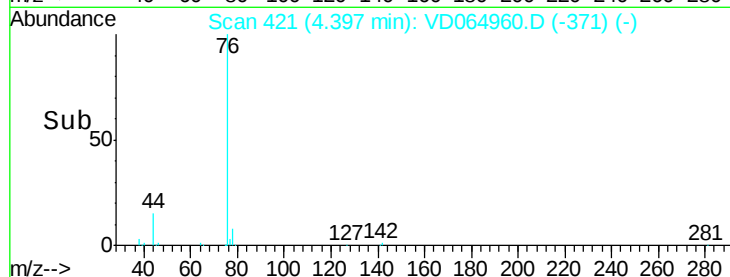
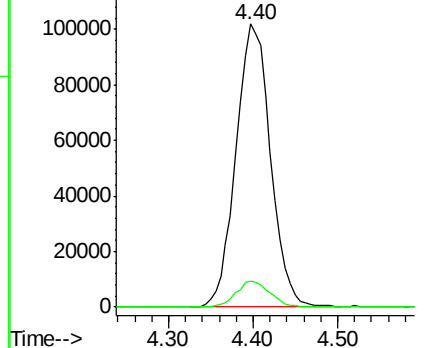
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.16 ug/l

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VD064960.D

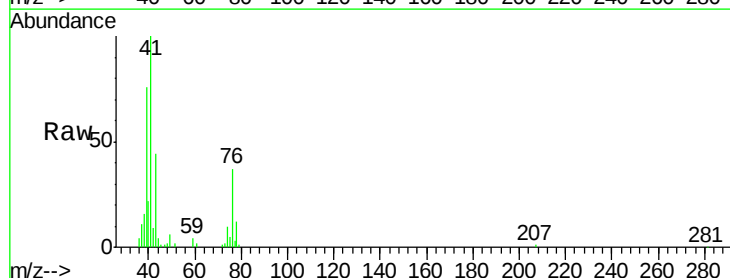
Acq: 27 Jan 2020 13:33

Tgt Ion: 43 Resp: 46631

Ion Ratio Lower Upper

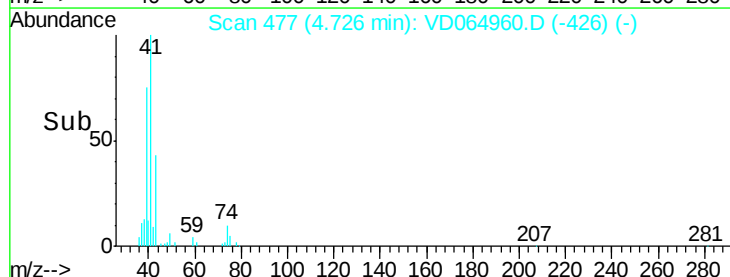
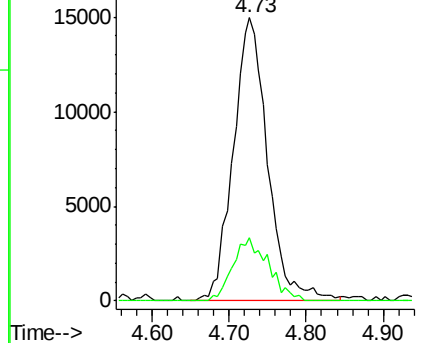
43 100

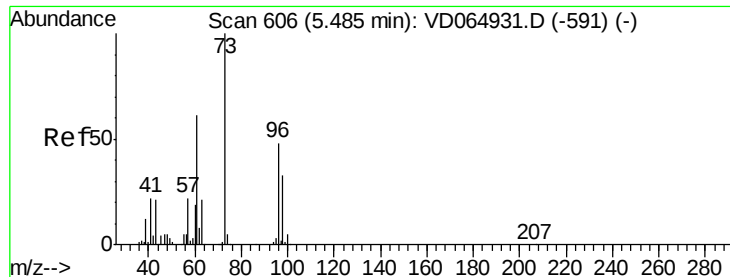
74 22.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

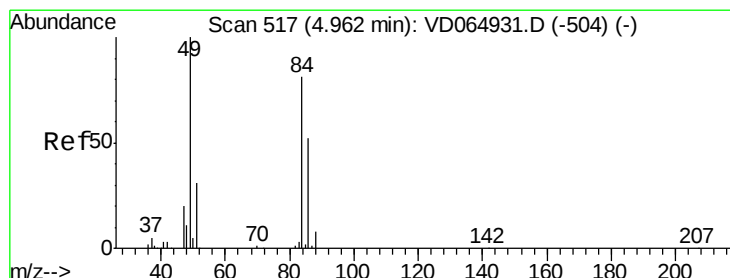
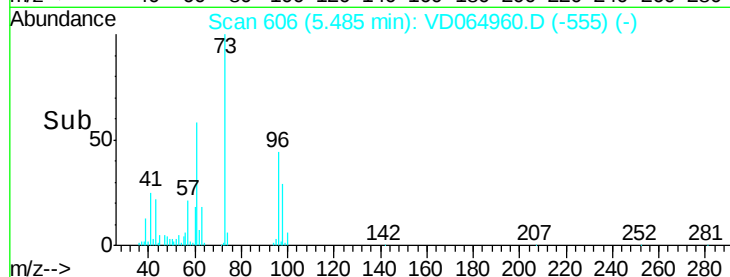
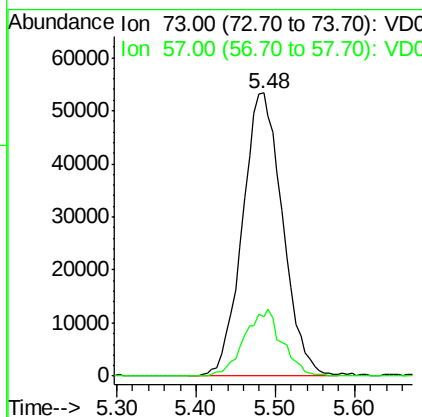
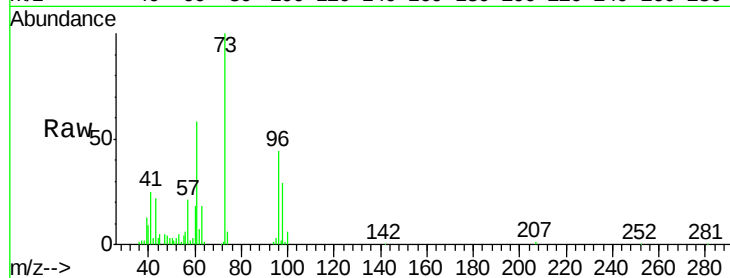




#19
Methyl tert-butyl Ether
Concen: 20.61 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

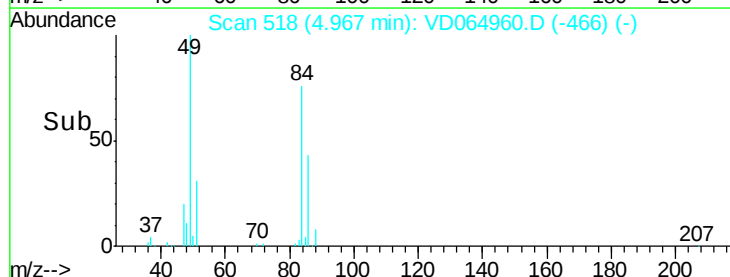
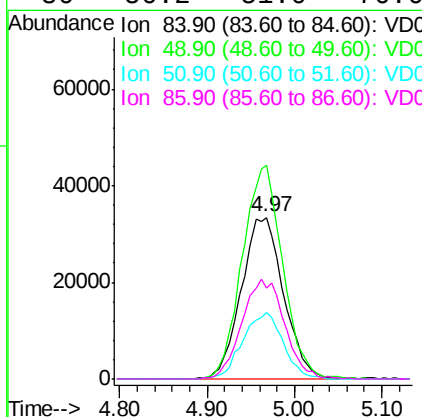
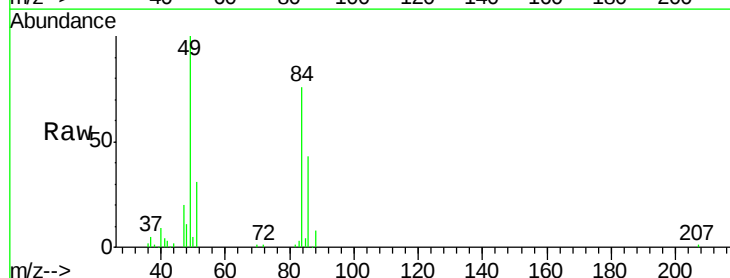
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBS01

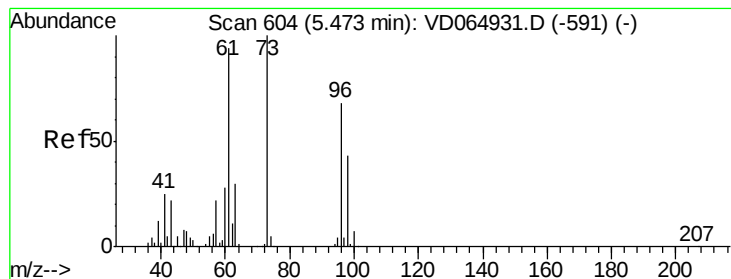
Tgt Ion: 73 Resp: 187770
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9



#20
Methylene Chloride
Concen: 21.53 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 84 Resp: 109983
Ion Ratio Lower Upper
84 100
49 132.3 98.4 147.6
51 40.9 30.8 46.2
86 56.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.81 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

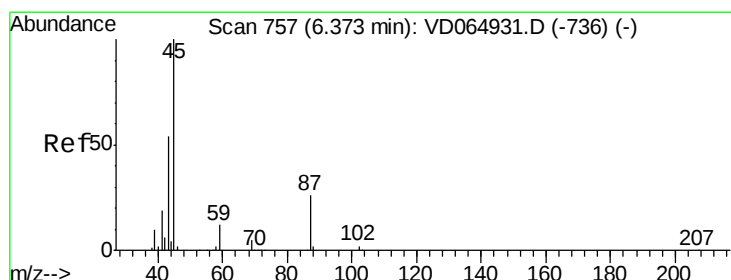
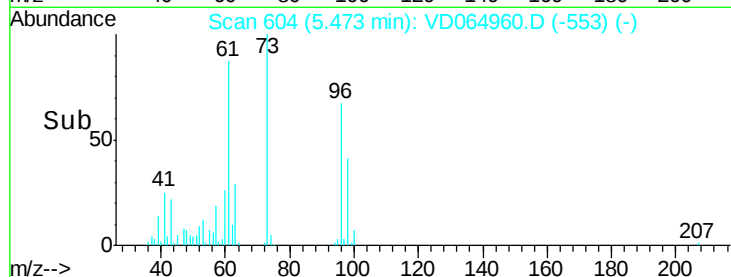
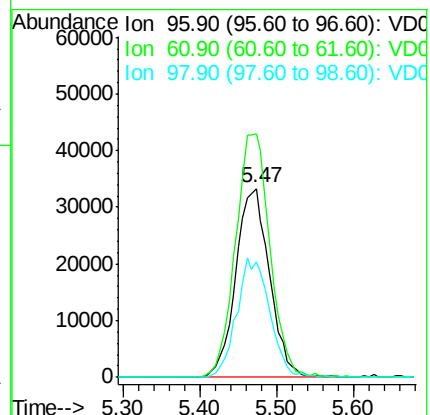
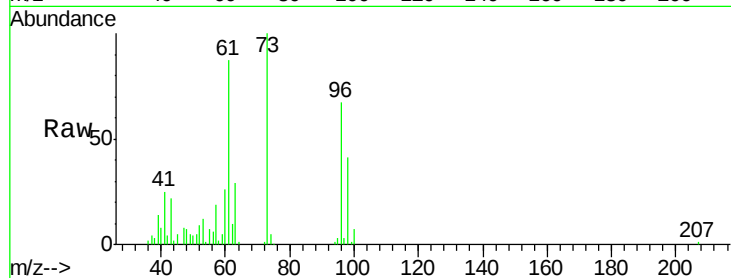
Tgt Ion: 96 Resp: 102448

Ion Ratio Lower Upper

96 100

61 128.9 110.4 165.6

98 61.1 50.5 75.7



#22

Diisopropyl ether

Concen: 21.43 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Tgt Ion: 45 Resp: 277665

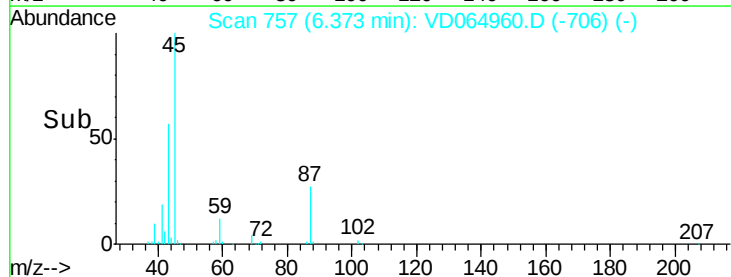
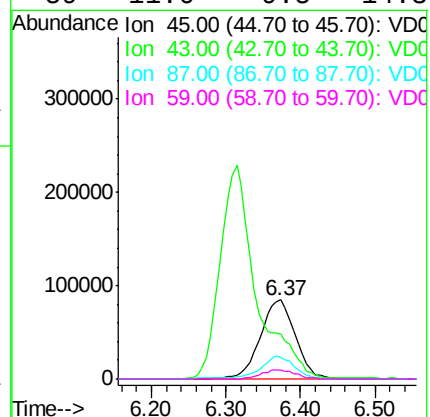
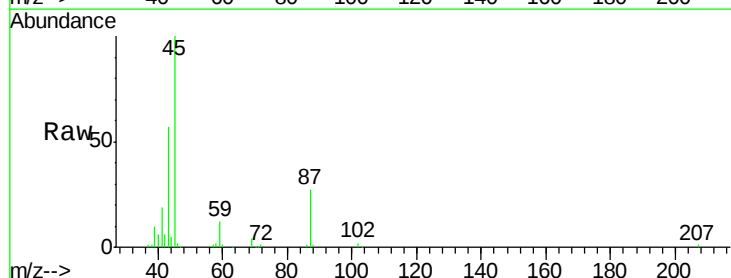
Ion Ratio Lower Upper

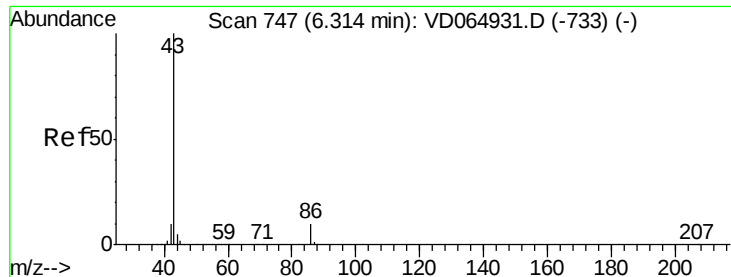
45 100

43 55.5 43.1 64.7

87 27.2 21.4 32.2

59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 102.00 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

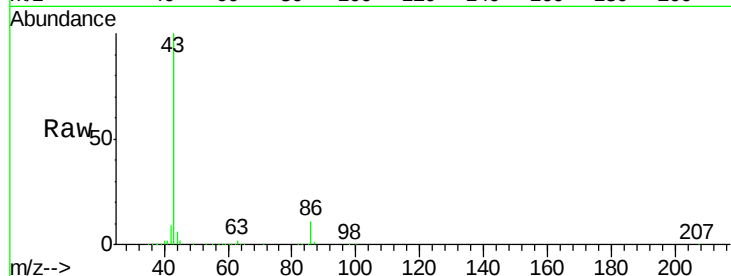
VD0127SBSD01

Tgt Ion: 43 Resp: 773841

Ion Ratio Lower Upper

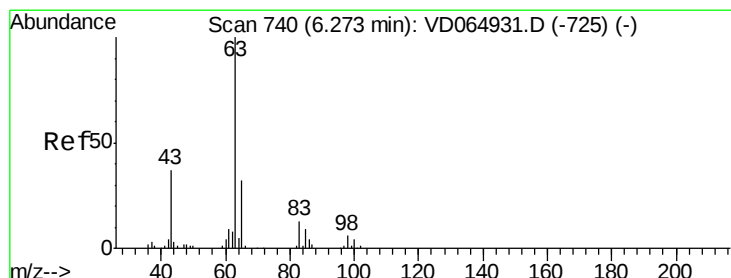
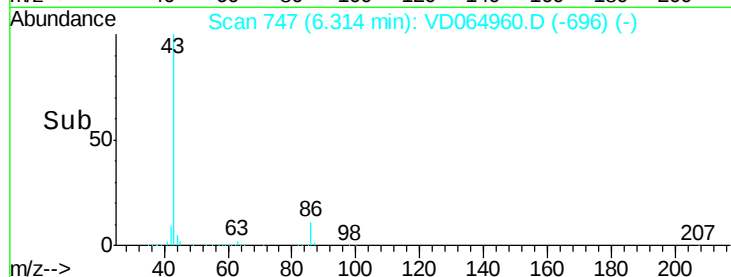
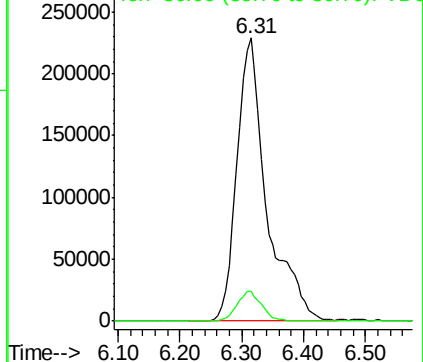
43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.54 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

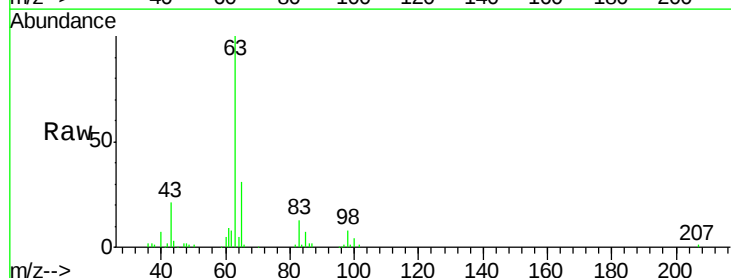
Tgt Ion: 63 Resp: 171408

Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.3

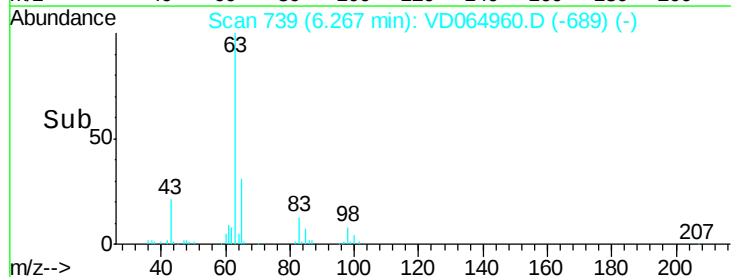
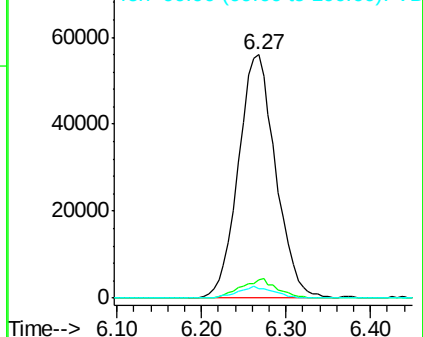
100 4.0 2.3 6.8

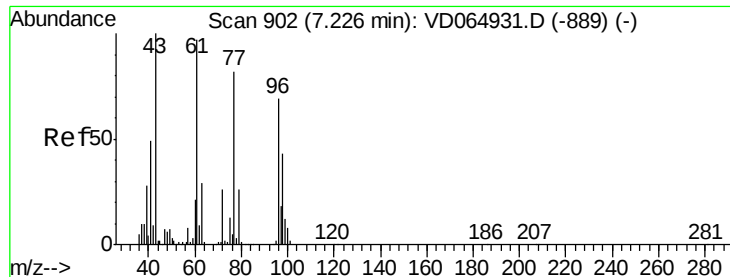


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 99.88 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

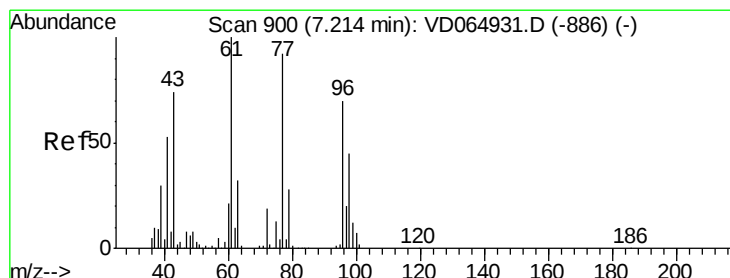
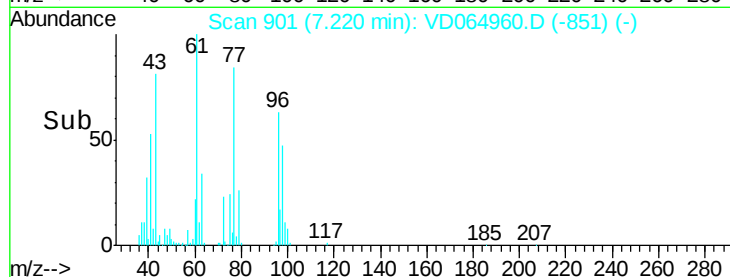
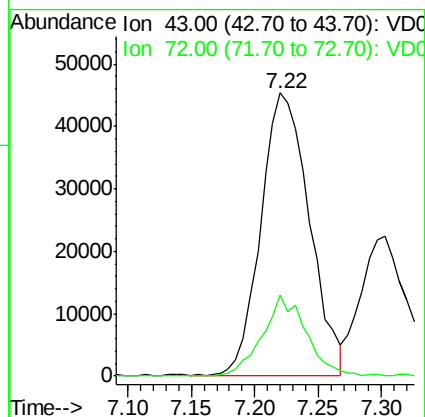
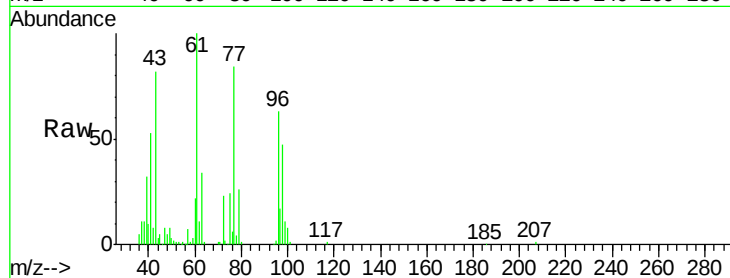
VD0127SBSD01

Tgt Ion: 43 Resp: 121219

Ion Ratio Lower Upper

43 100

72 28.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 21.28 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064960.D

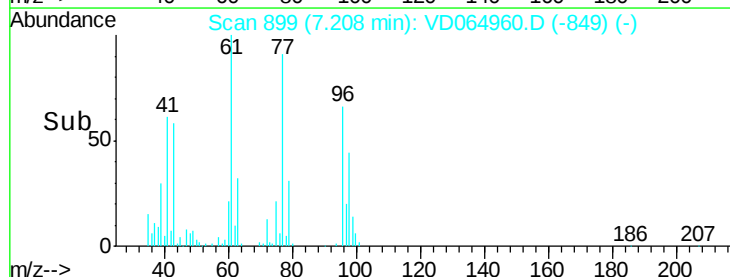
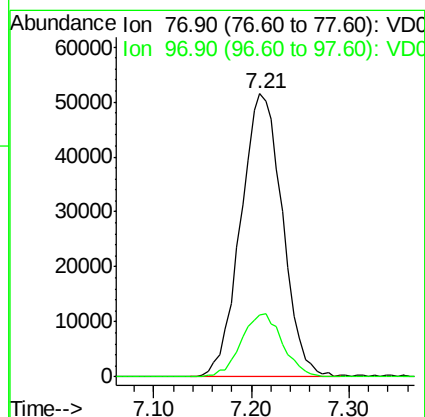
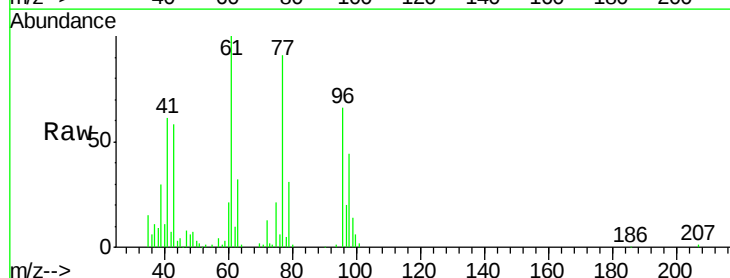
Acq: 27 Jan 2020 13:33

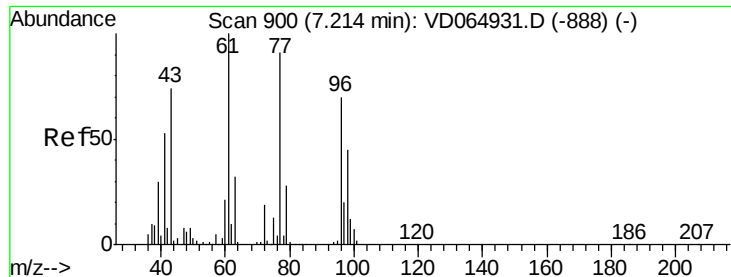
Tgt Ion: 77 Resp: 153586

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.28 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

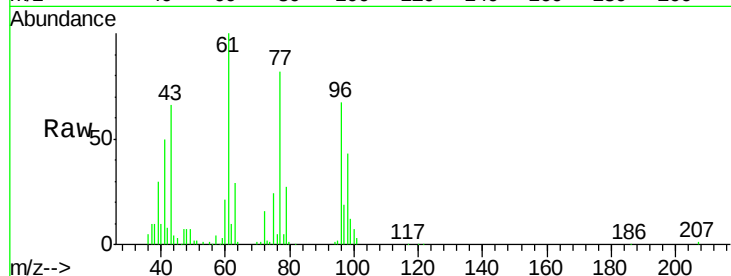
Tgt Ion: 96 Resp: 106679

Ion Ratio Lower Upper

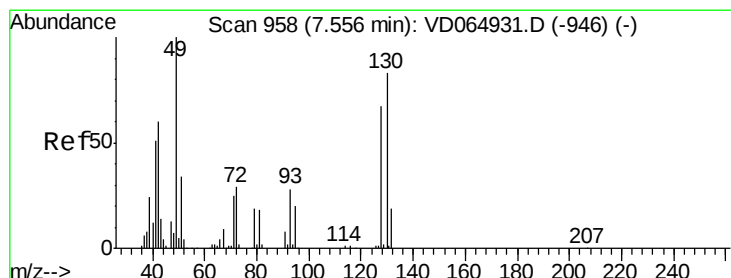
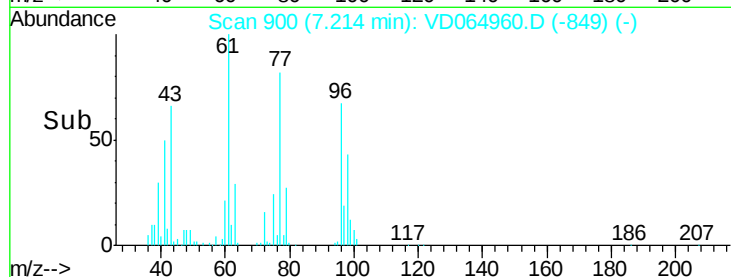
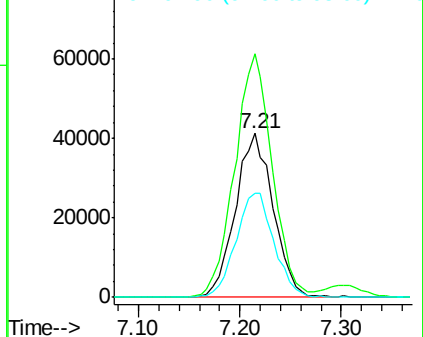
96 100

61 147.3 0.0 292.8

98 64.3 0.0 130.0



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



#28

Bromochloromethane

Concen: 17.64 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

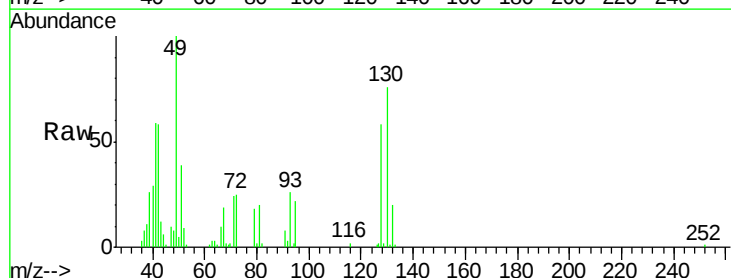
Tgt Ion: 49 Resp: 56139

Ion Ratio Lower Upper

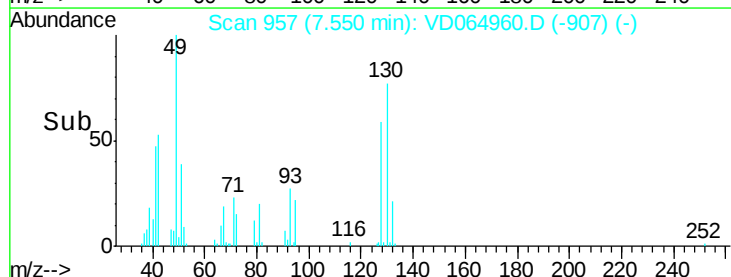
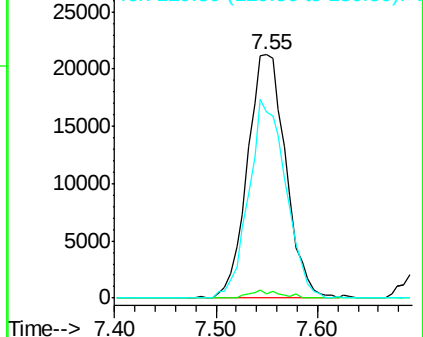
49 100

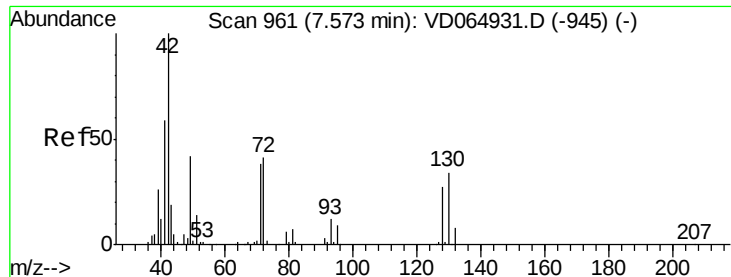
129 2.6 0.0 4.4

130 78.6 63.8 95.8



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

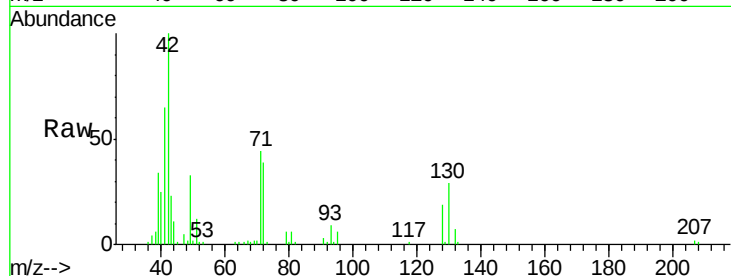




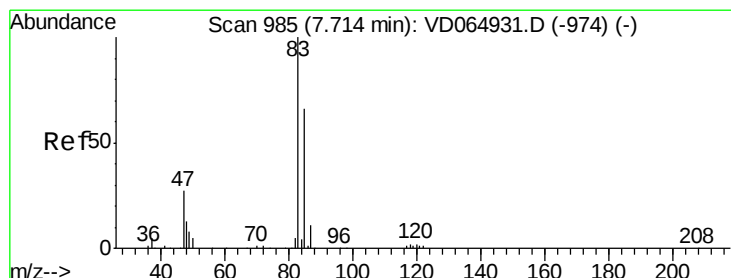
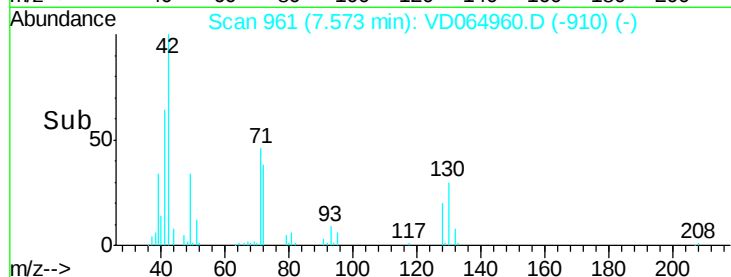
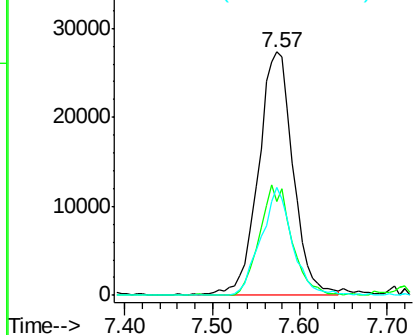
#29
Tetrahydrofuran
Concen: 99.76 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

Tgt Ion: 42 Resp: 74701
Ion Ratio Lower Upper
42 100
72 41.9 34.0 51.0
71 40.2 31.5 47.3

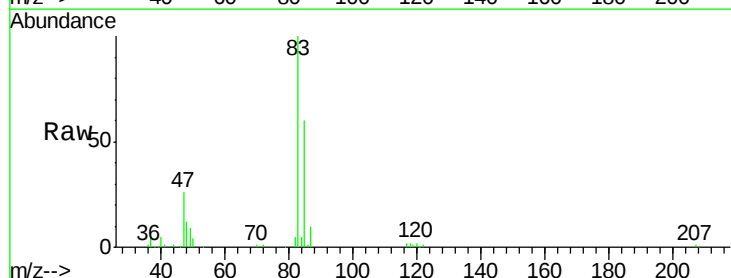


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

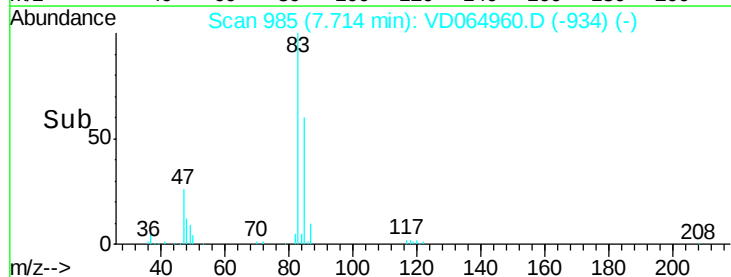
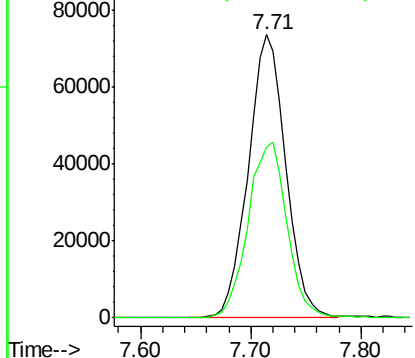


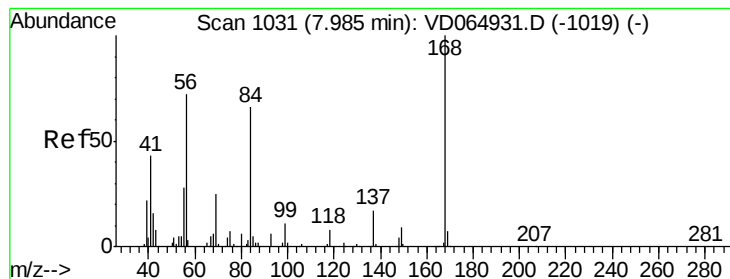
#30
Chloroform
Concen: 21.25 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 83 Resp: 174795
Ion Ratio Lower Upper
83 100
85 60.5 52.4 78.6



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





#31

Cyclohexane

Concen: 21.04 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

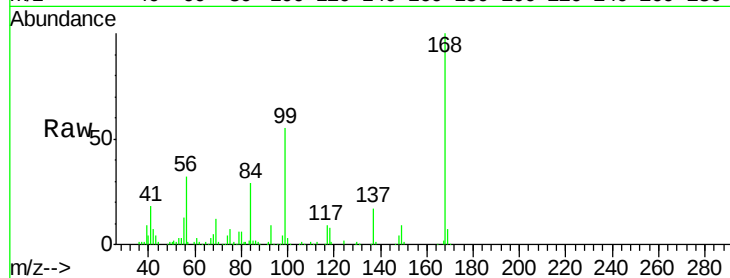
Tgt Ion: 56 Resp: 164639

Ion Ratio Lower Upper

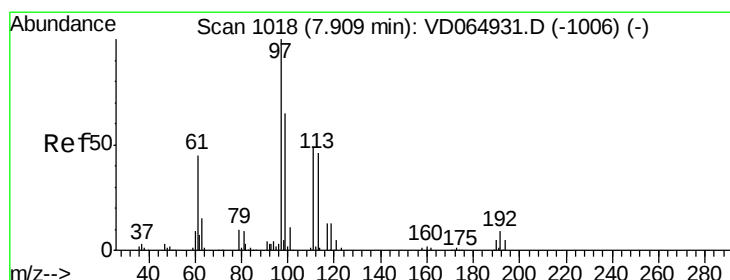
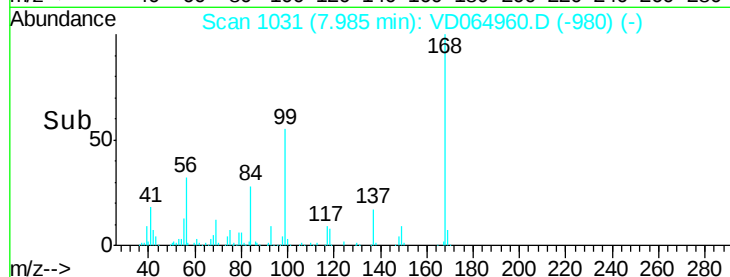
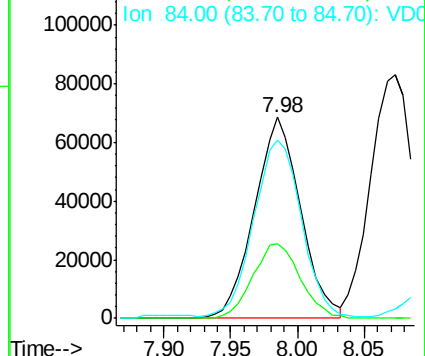
56 100

69 36.8 27.9 41.9

84 87.4 72.8 109.2



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



#32

1,1,1-Trichloroethane

Concen: 21.30 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

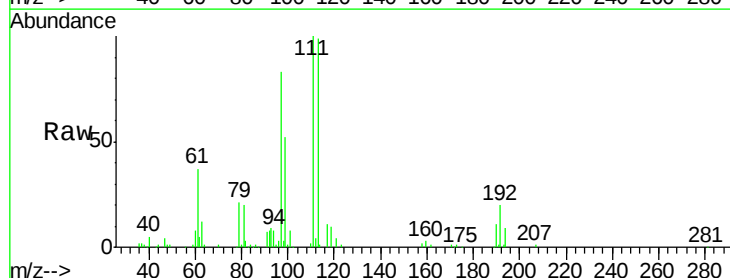
Tgt Ion: 97 Resp: 162949

Ion Ratio Lower Upper

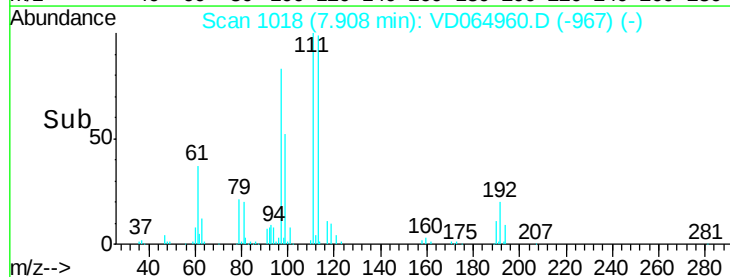
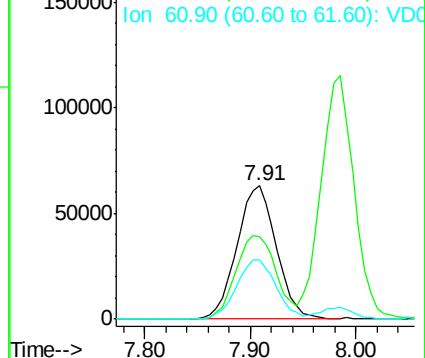
97 100

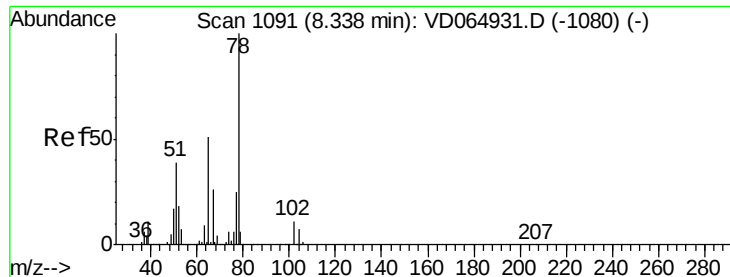
99 64.5 50.6 76.0

61 44.6 35.7 53.5



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

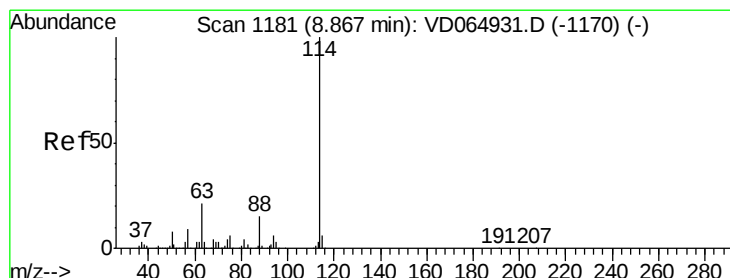
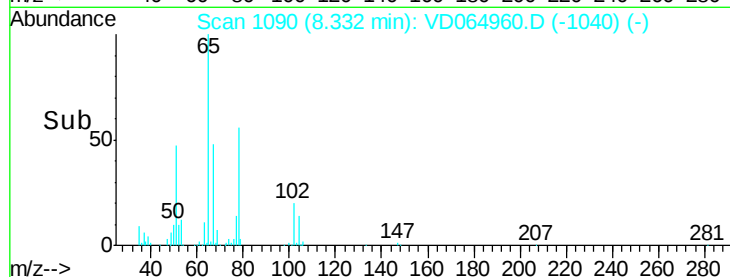
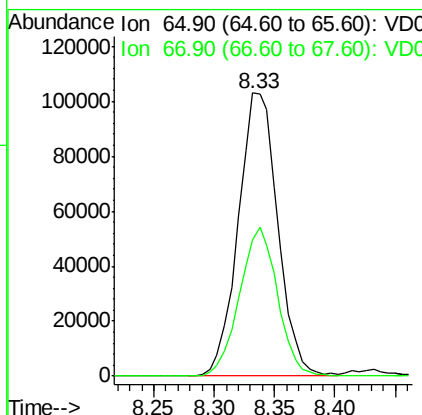
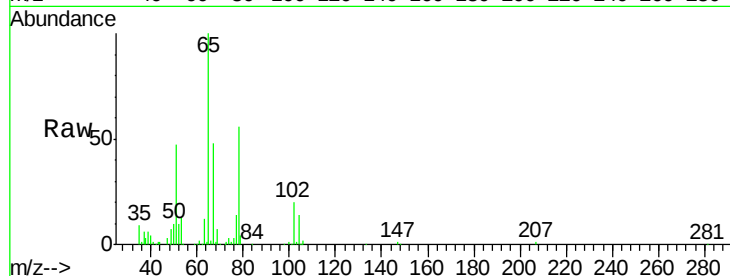




#33
 1,2-Dichloroethane-d4
 Concen: 52.36 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

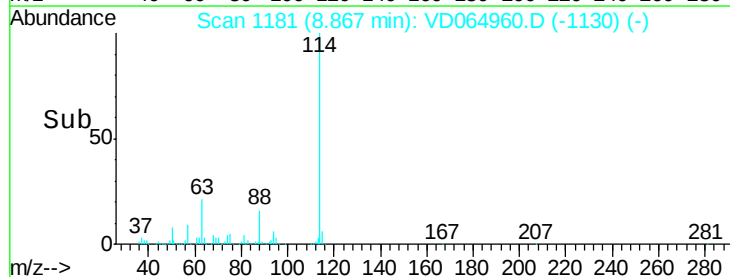
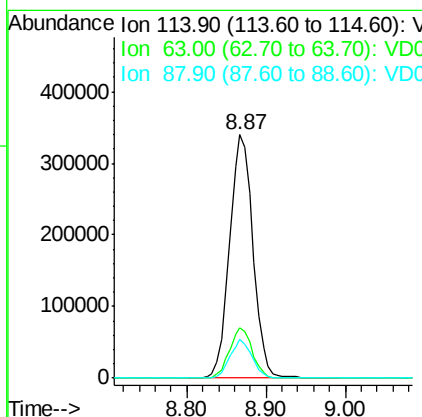
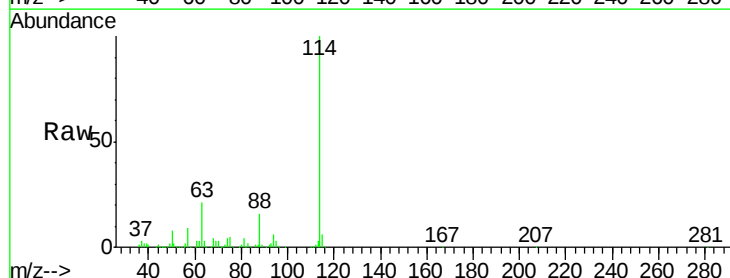
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

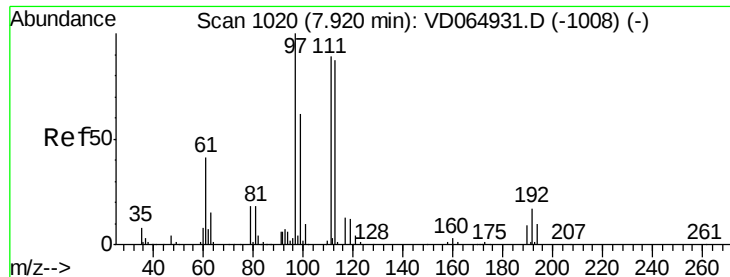
Tgt Ion: 65 Resp: 235197
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion: 114 Resp: 692500
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 15.9 0.0 29.4

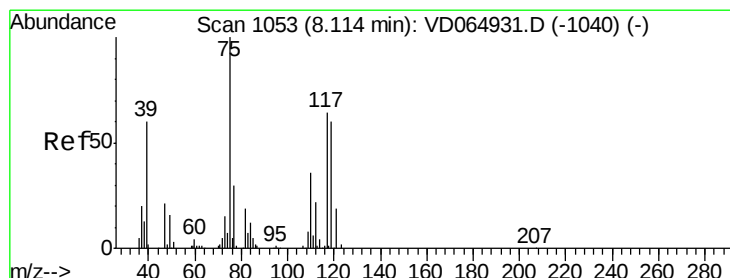
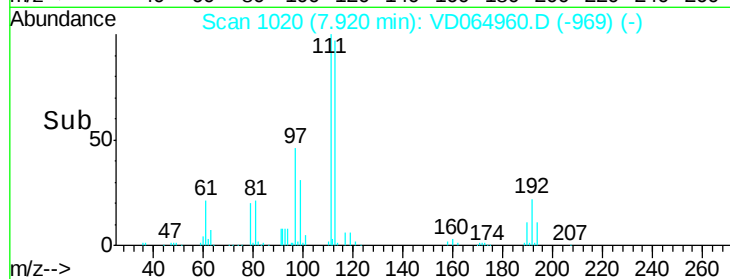
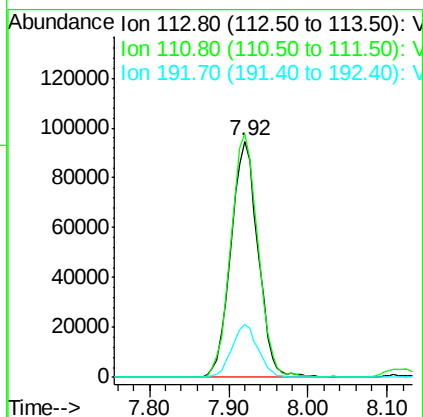
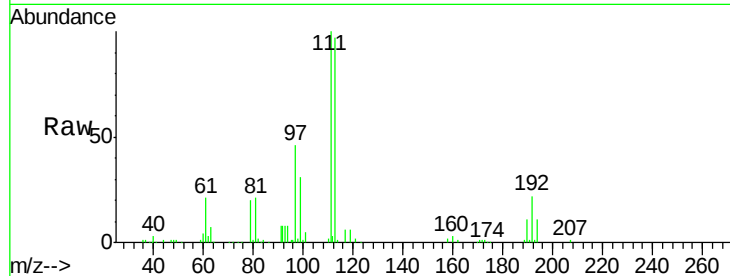




#35
 Dibromofluoromethane
 Concen: 51.62 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

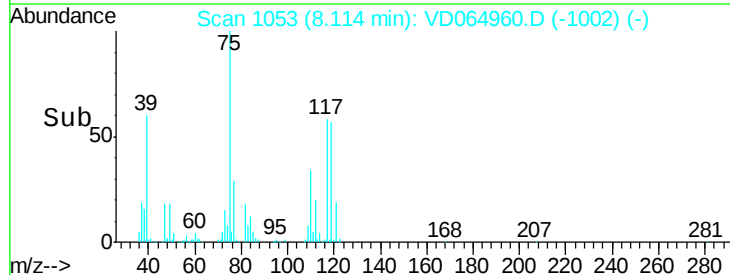
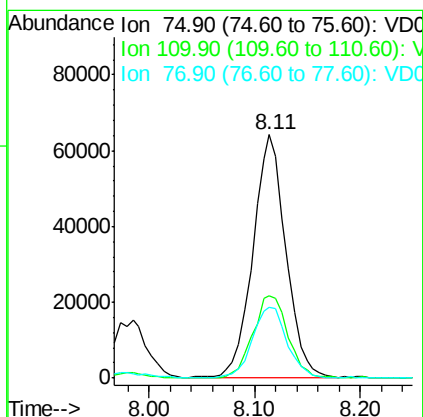
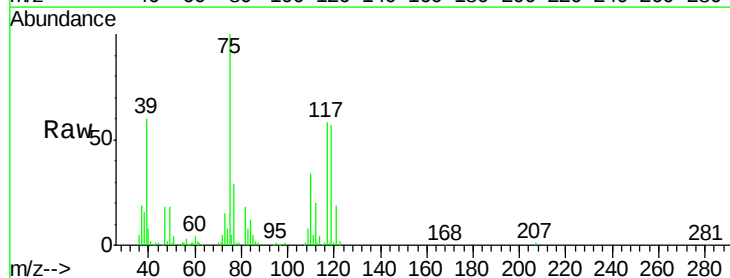
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

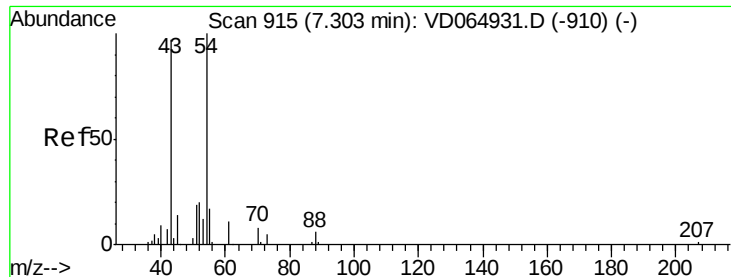
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.6	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 20.85 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.3	52.0
77	30.9	24.7	37.1

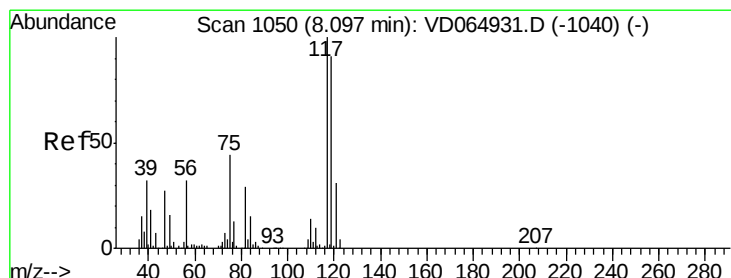
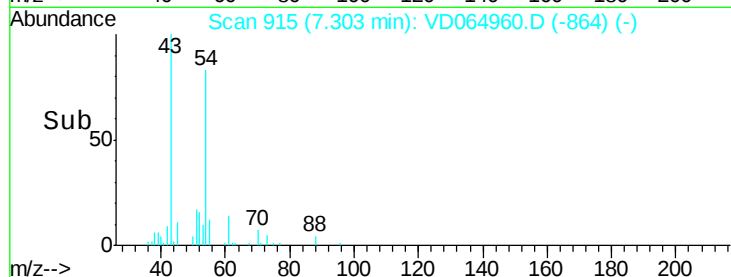
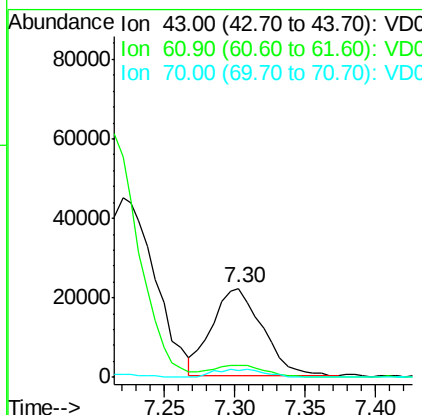
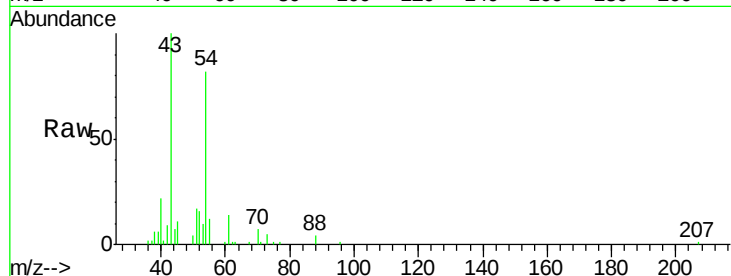




#37
Ethyl Acetate
Concen: 19.84 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

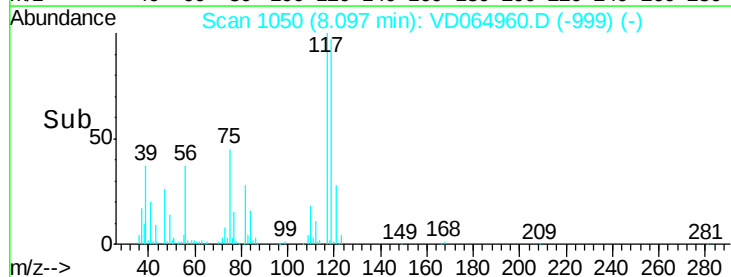
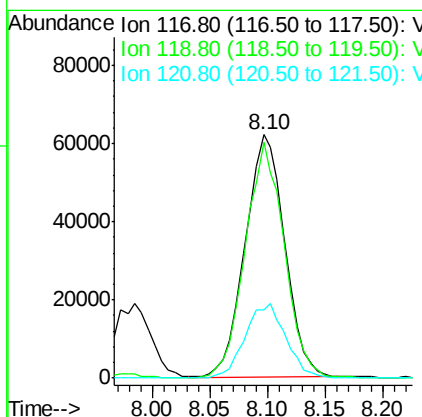
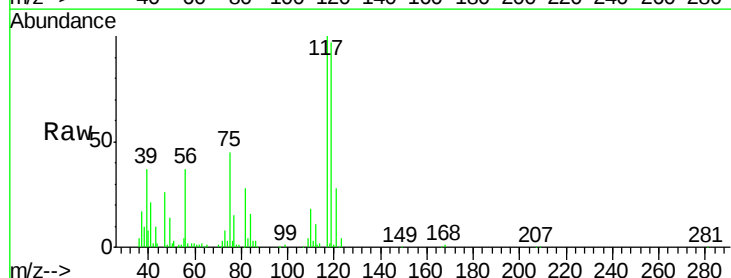
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

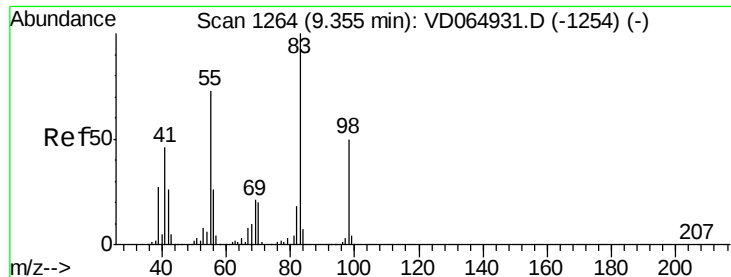
Tgt Ion: 43 Resp: 54722
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.4
70 9.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.02 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 117 Resp: 148353
Ion Ratio Lower Upper
117 100
119 97.6 73.2 109.8
121 28.3 24.4 36.6

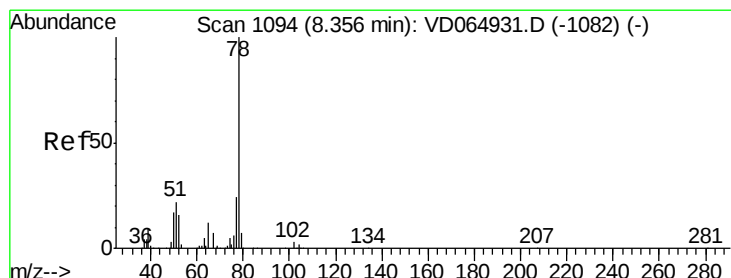
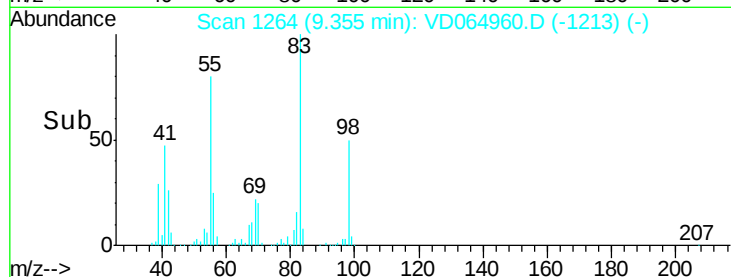
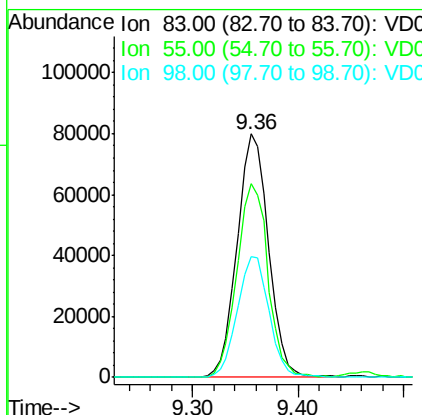
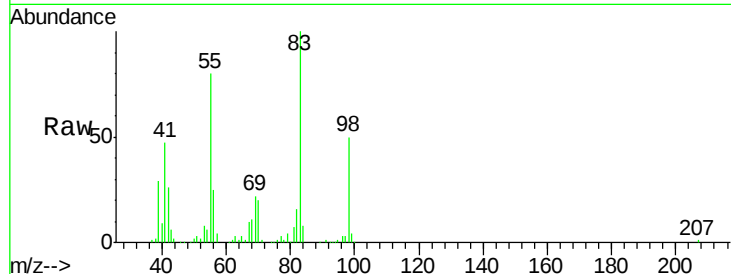




#39
Methylcyclohexane
Concen: 21.13 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

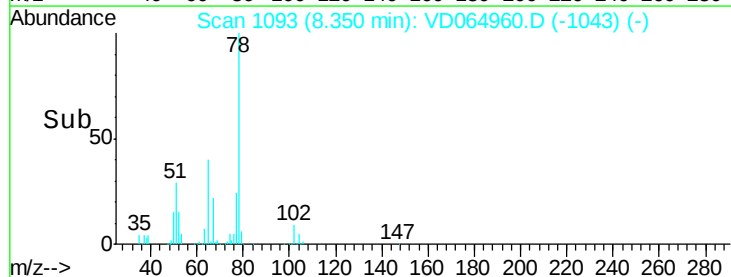
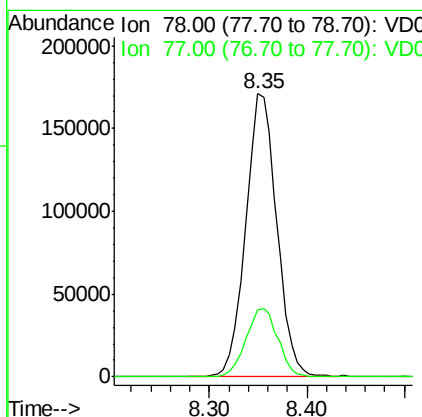
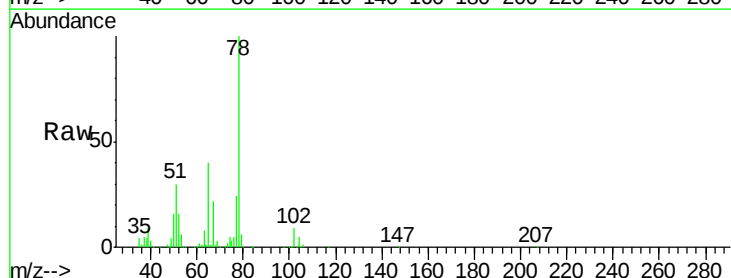
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

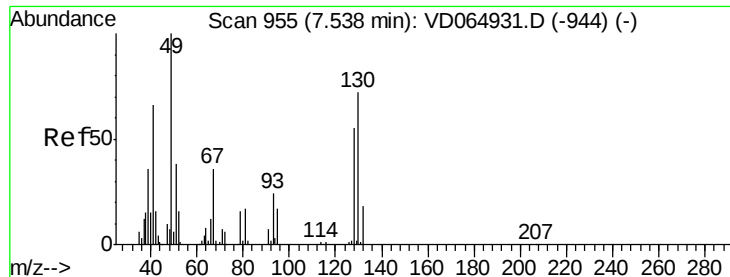
Tgt Ion: 83 Resp: 164959
Ion Ratio Lower Upper
83 100
55 79.5 58.7 88.1
98 49.5 40.2 60.2



#40
Benzene
Concen: 20.82 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 78 Resp: 382871
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 20.23 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBS01

Tgt Ion: 41 Resp: 30066

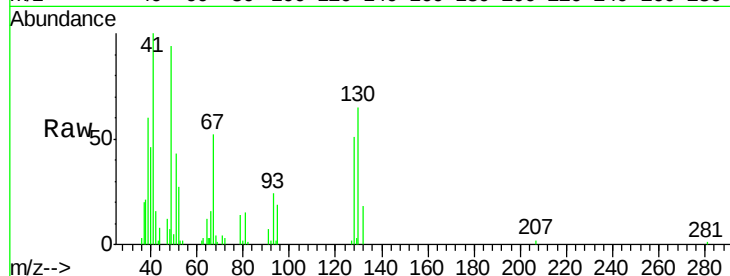
Ion Ratio Lower Upper

41 100

39 65.4 49.3 73.9

67 71.0 51.0 76.6

52 32.8 22.3 33.5

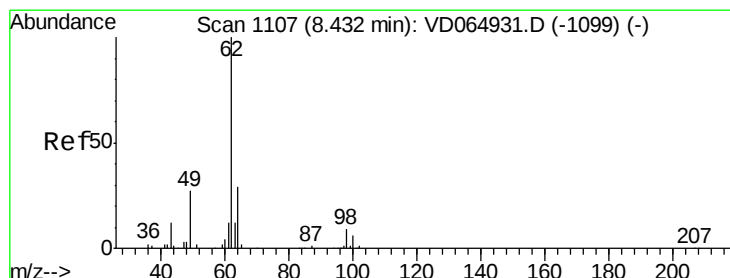
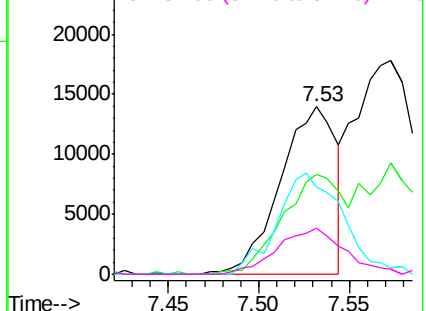
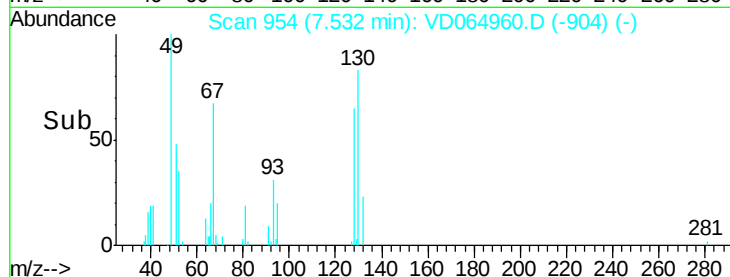


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.69 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064960.D

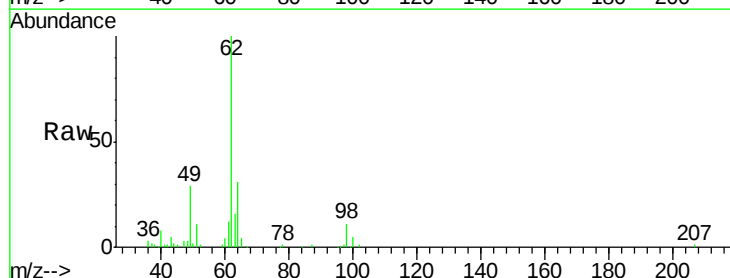
Acq: 27 Jan 2020 13:33

Tgt Ion: 62 Resp: 113345

Ion Ratio Lower Upper

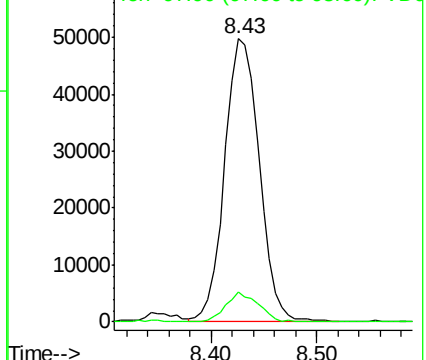
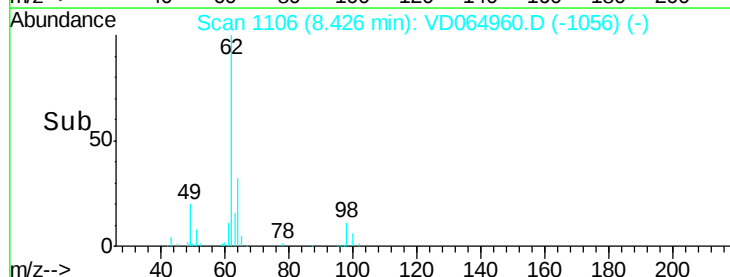
62 100

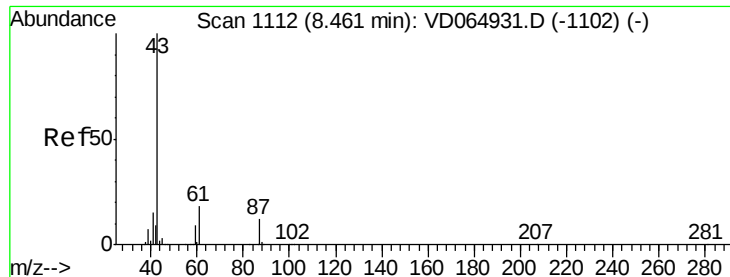
98 9.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.23 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

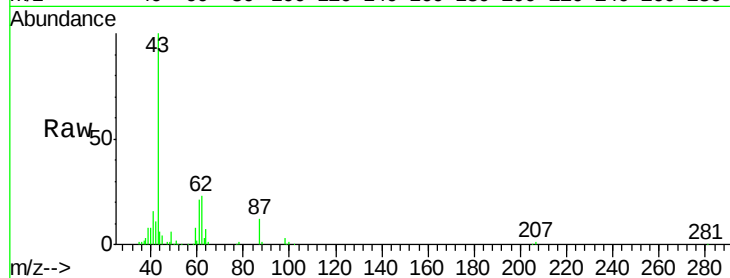
Tgt Ion: 43 Resp: 105970

Ion Ratio Lower Upper

43 100

61 30.3 23.8 35.6

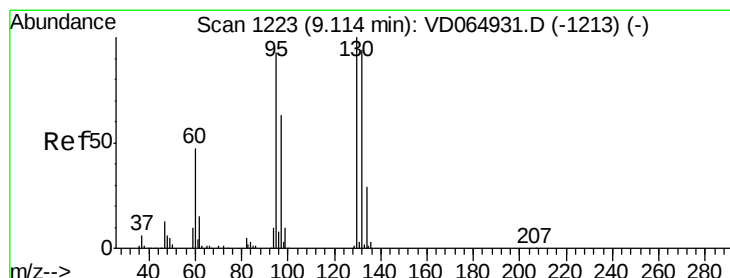
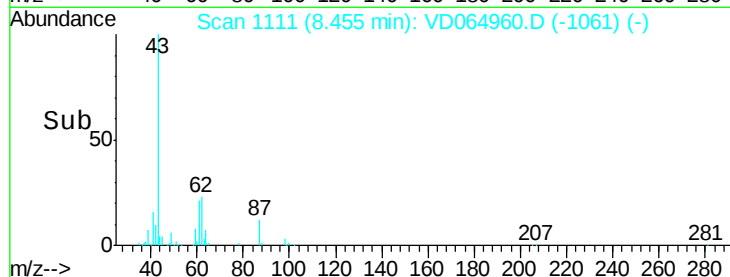
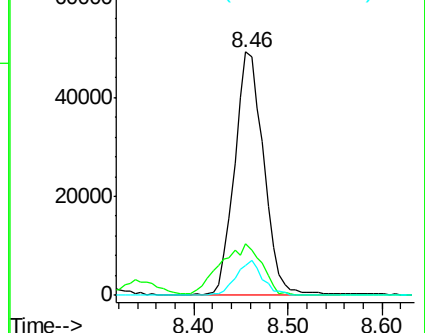
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.08 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064960.D

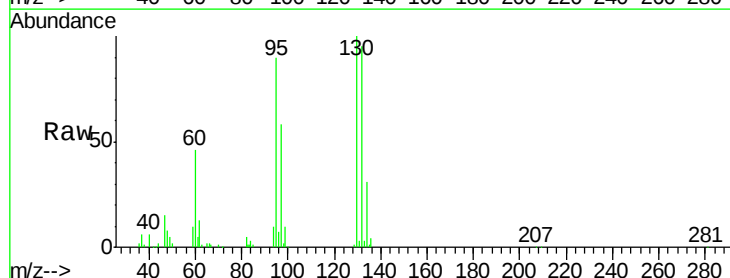
Acq: 27 Jan 2020 13:33

Tgt Ion: 130 Resp: 108491

Ion Ratio Lower Upper

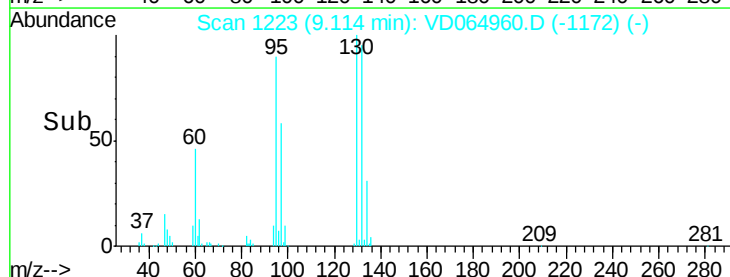
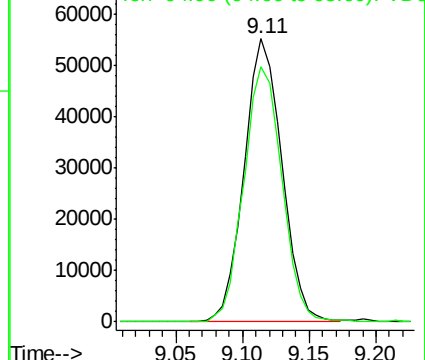
130 100

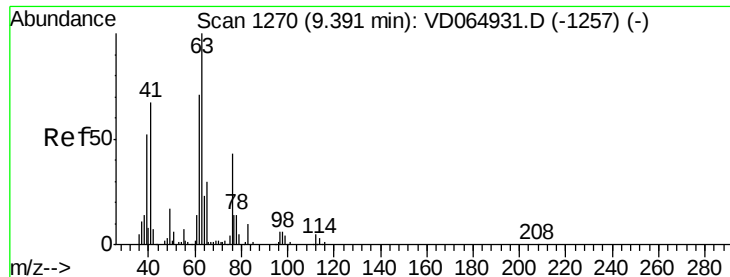
95 90.2 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

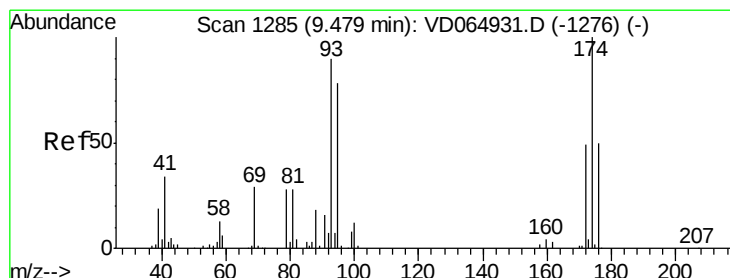
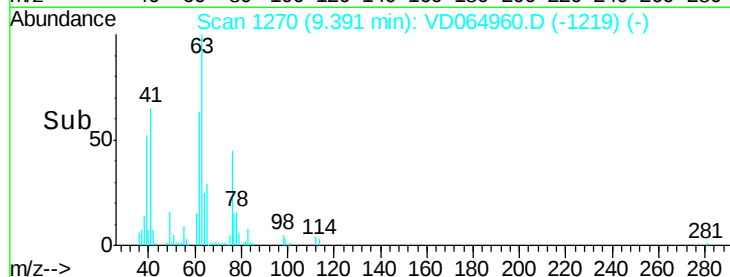
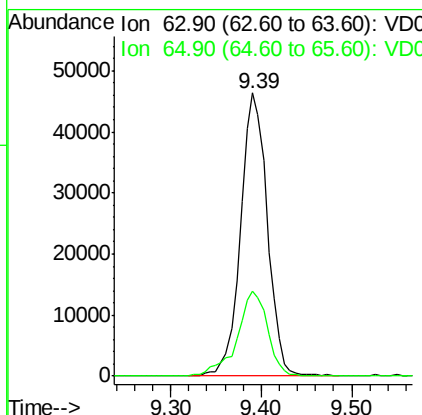
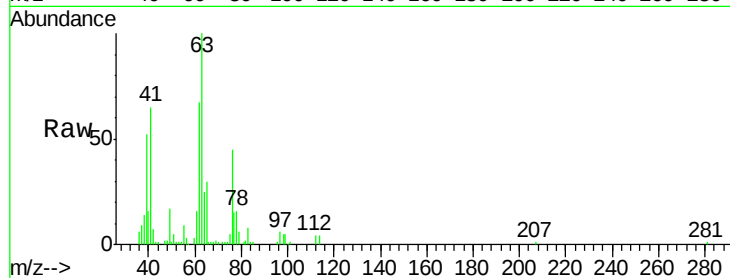




#45
 1,2-Dichloropropane
 Concen: 21.30 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

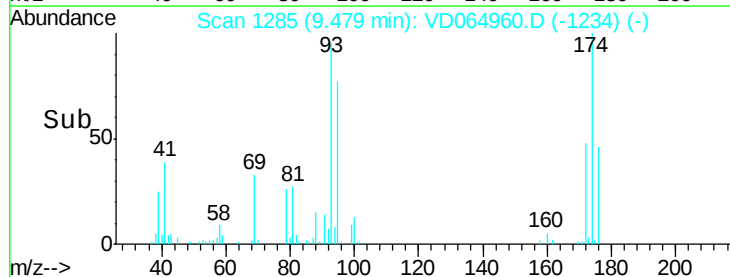
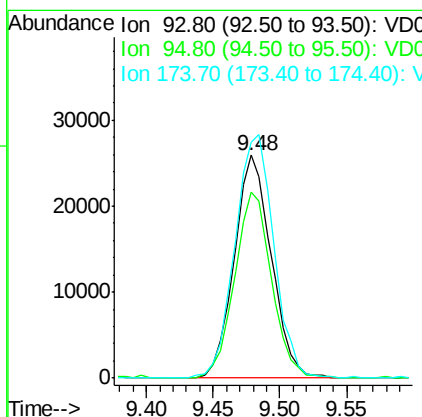
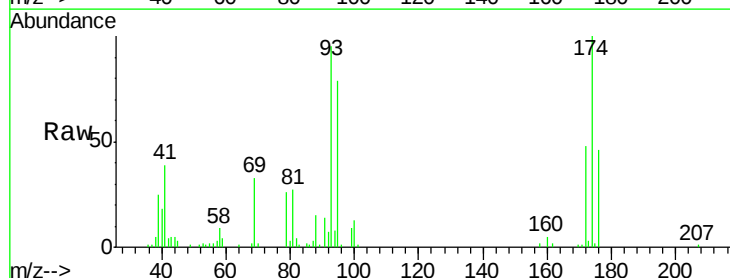
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

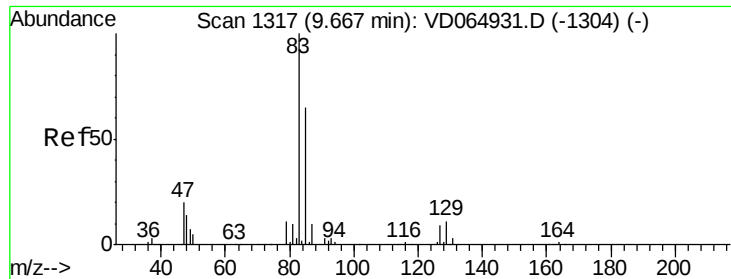
Tgt Ion: 63 Resp: 94971
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#46
 Dibromomethane
 Concen: 20.51 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion: 93 Resp: 49924
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 114.4 88.4 132.6





#47

Bromodichloromethane

Concen: 21.35 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

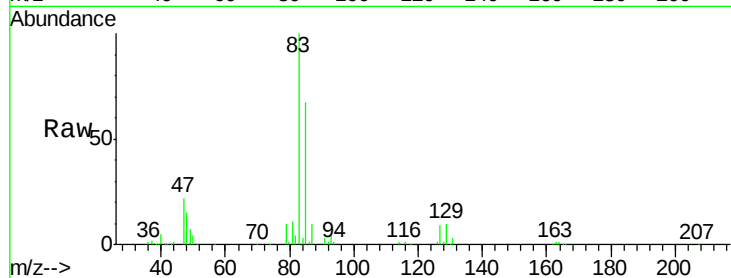
Tgt Ion: 83 Resp: 135199

Ion Ratio Lower Upper

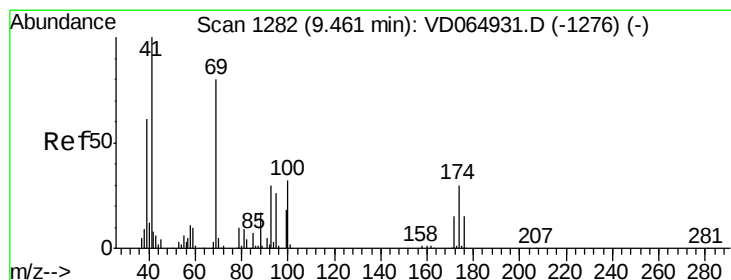
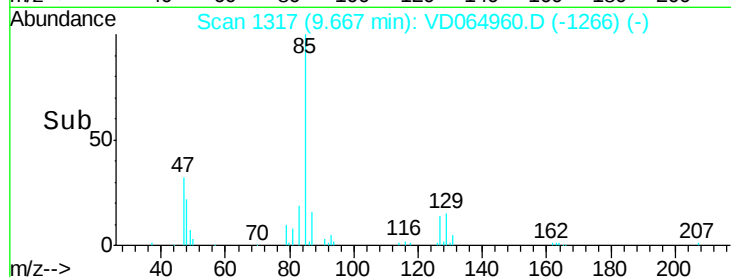
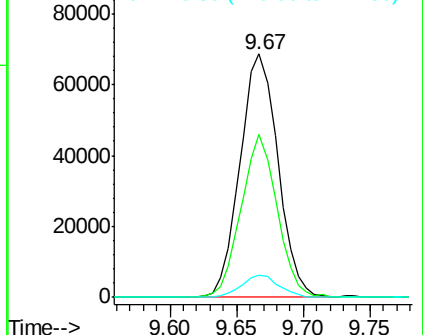
83 100

85 66.9 52.0 78.0

127 9.4 7.3 10.9



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



#48

Methyl methacrylate

Concen: 21.38 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

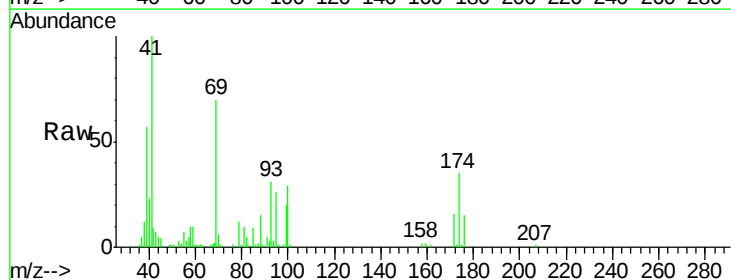
Tgt Ion: 41 Resp: 51541

Ion Ratio Lower Upper

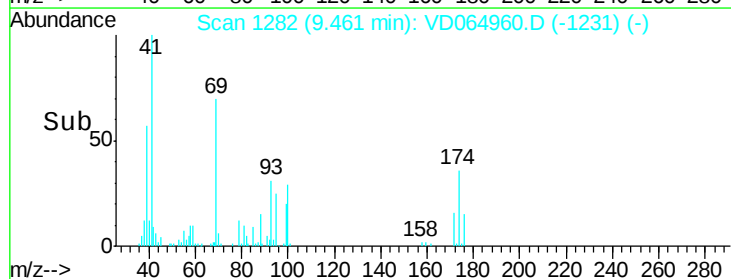
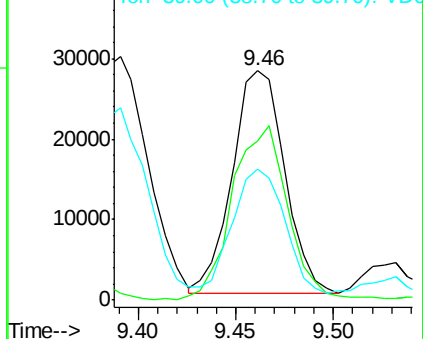
41 100

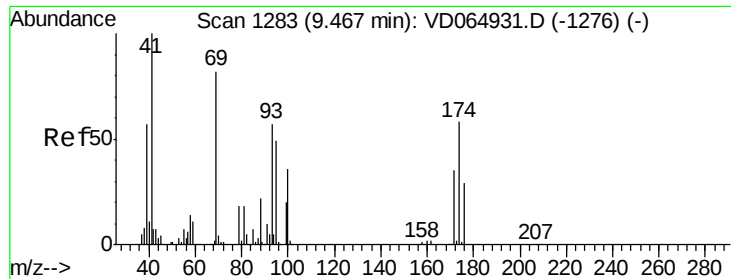
69 83.3 65.8 98.8

39 54.7 49.4 74.0



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

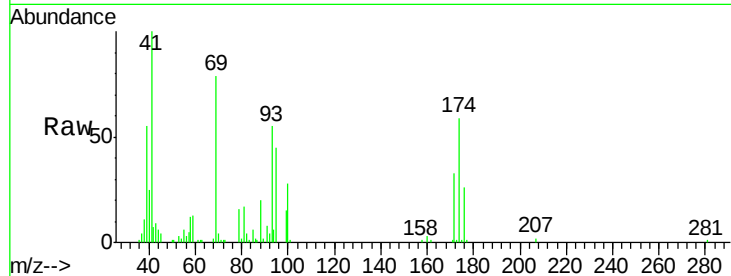




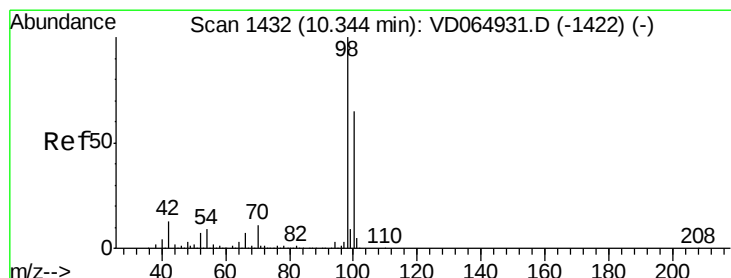
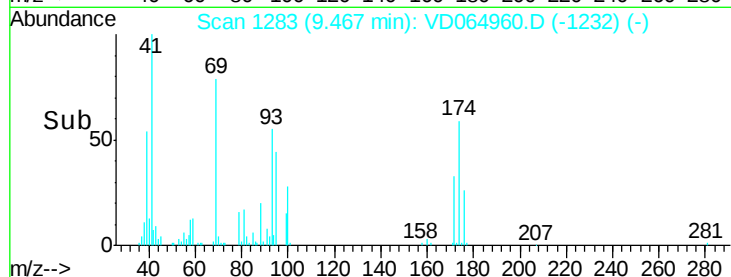
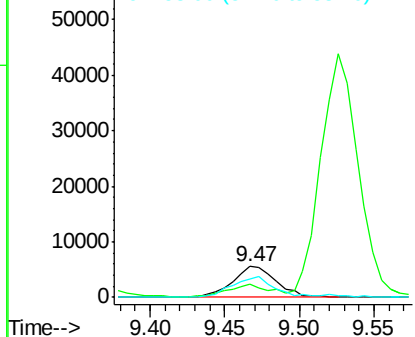
#49
1,4-Dioxane
Concen: 397.30 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

Tgt Ion: 88 Resp: 11216
Ion Ratio Lower Upper
88 100
43 42.0 26.2 39.4#
58 65.5 50.3 75.5

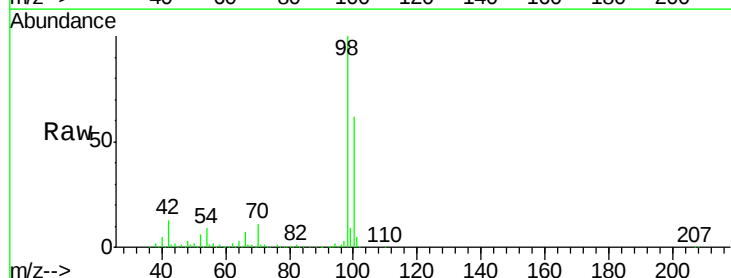


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

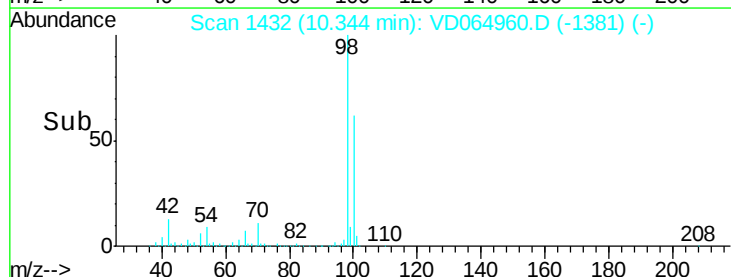
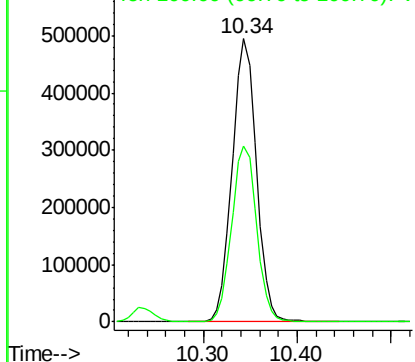


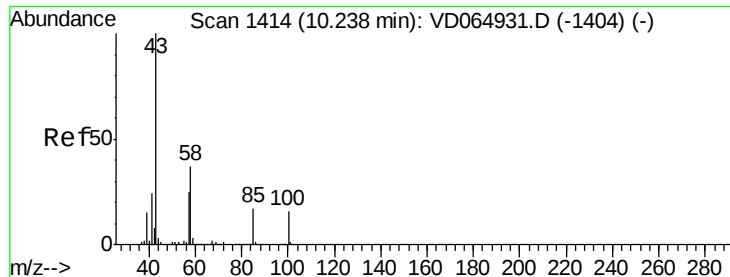
#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 98 Resp: 892245
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



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





#51

4-Methyl-2-Pentanone

Concen: 100.35 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

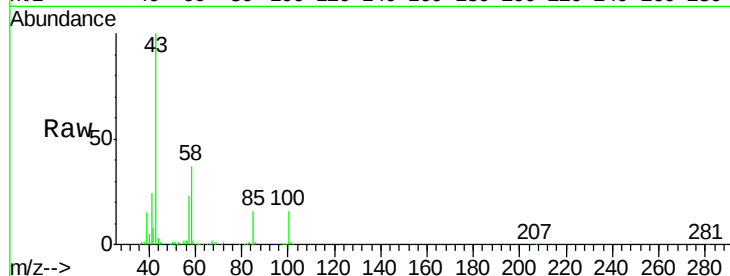
VD0127SBS01

Tgt Ion: 43 Resp: 263079

Ion Ratio Lower Upper

43 100

58 37.3 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.24

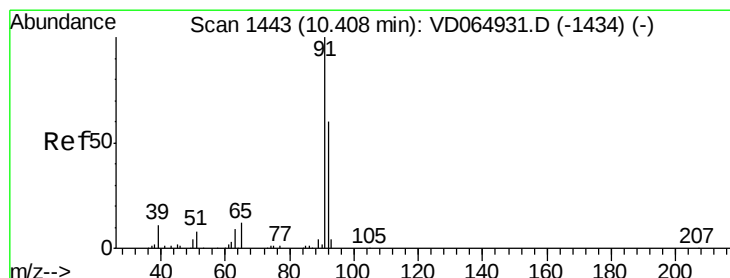
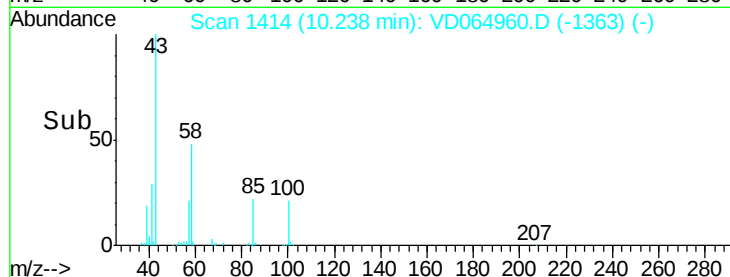
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.10 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064960.D

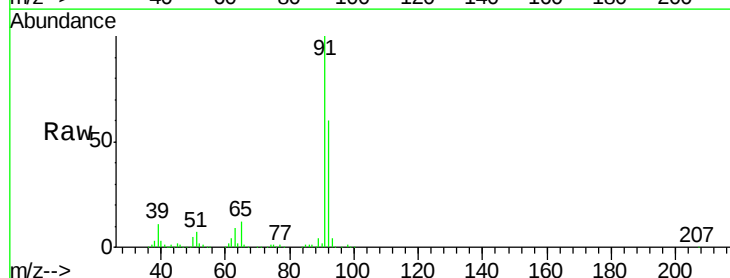
Acq: 27 Jan 2020 13:33

Tgt Ion: 92 Resp: 250202

Ion Ratio Lower Upper

92 100

91 169.8 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

250000

200000

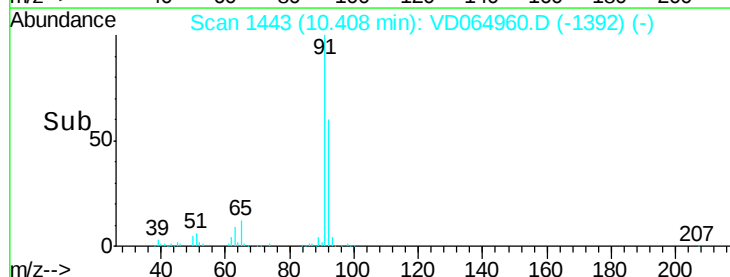
150000

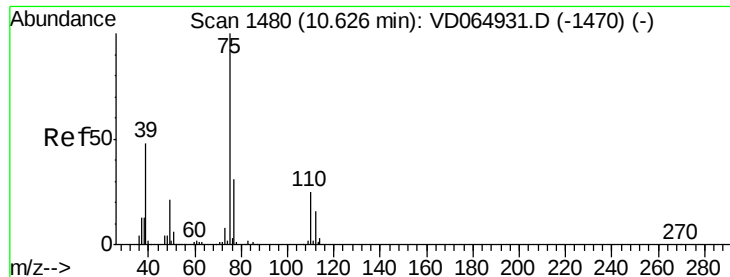
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.66 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

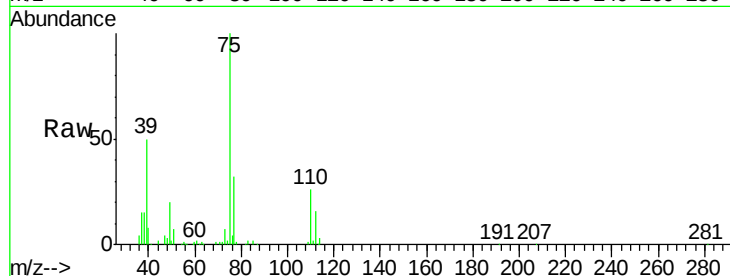
VD0127SBSD01

Tgt Ion: 75 Resp: 124633

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

80000

60000

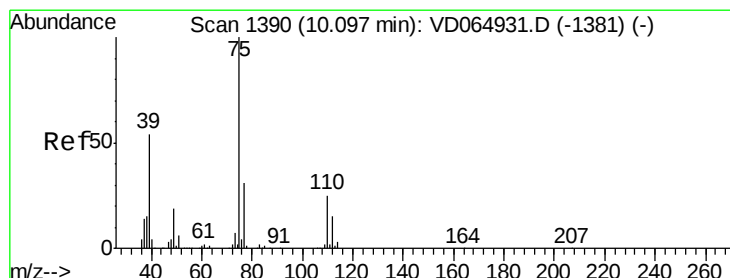
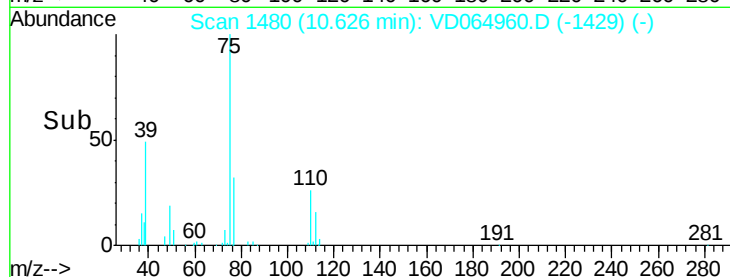
40000

20000

0

10.60 10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.97 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

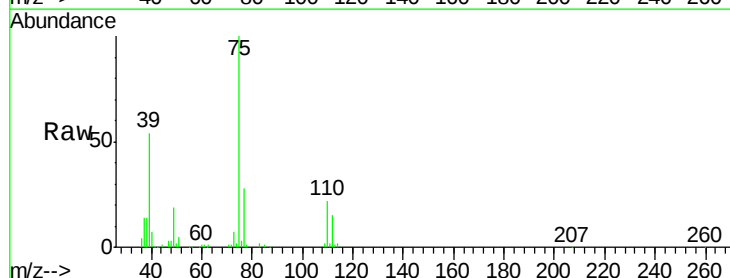
Tgt Ion: 75 Resp: 148098

Ion Ratio Lower Upper

75 100

77 28.0 25.1 37.7

39 54.1 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

100000

80000

60000

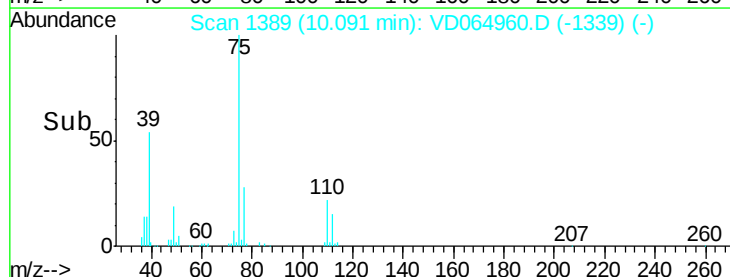
40000

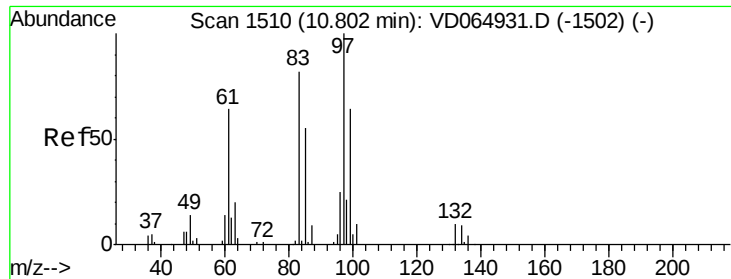
20000

0

10.00 10.10 10.20

Time-->

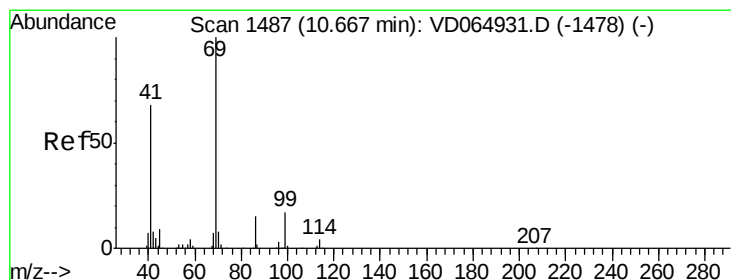
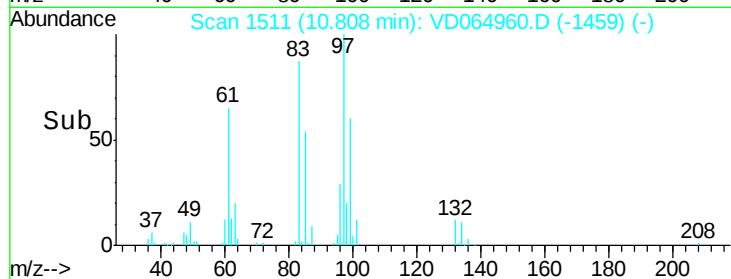
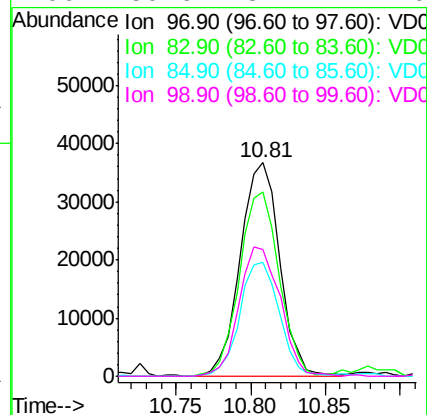
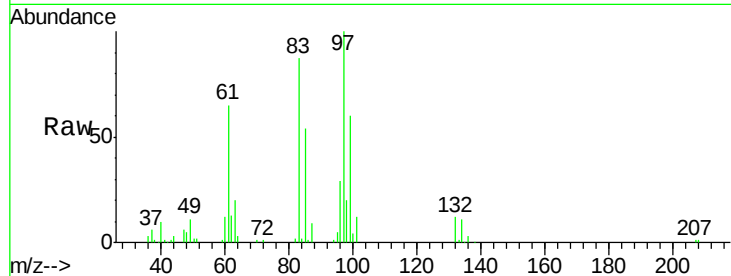




#55
 1,1,2-Trichloroethane
 Concen: 20.64 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

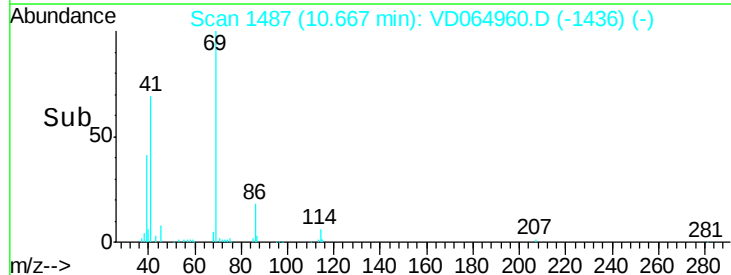
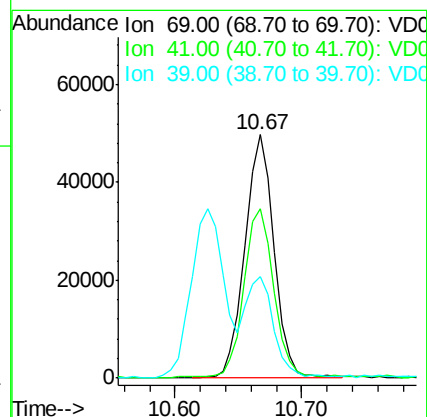
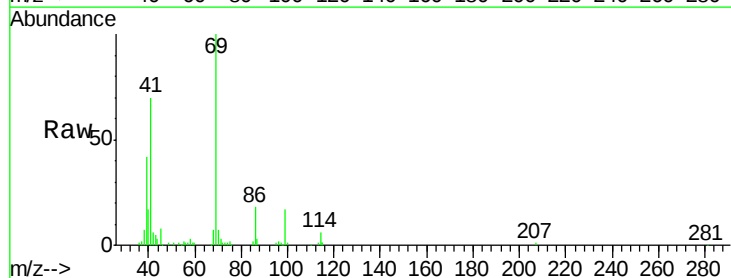
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

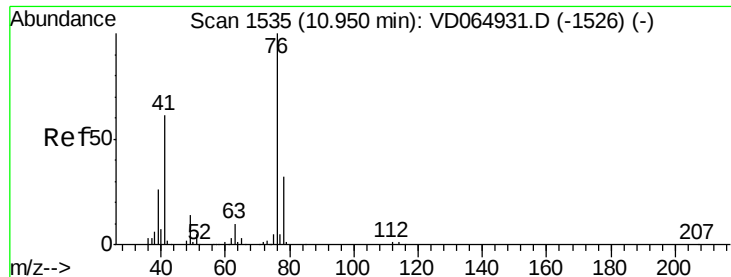
Tgt Ion:	97	Resp:	67679
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.0	99.0
85	53.6	44.4	66.6
99	59.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 20.29 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion:	69	Resp:	79572
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.4	84.6
39	40.0	30.6	46.0





#57

1,3-Dichloropropane

Concen: 20.97 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

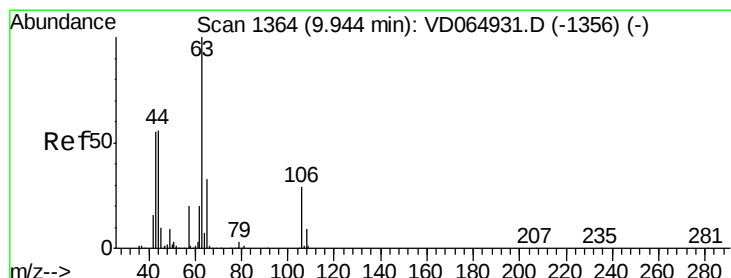
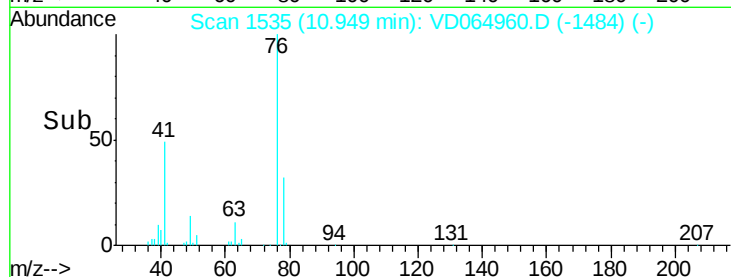
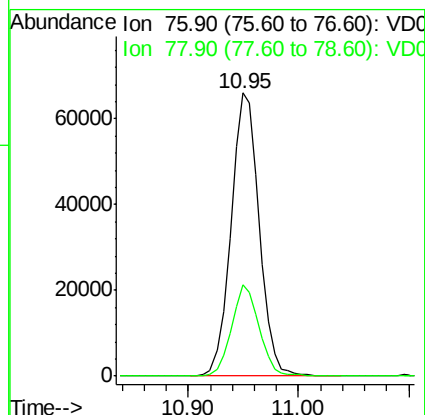
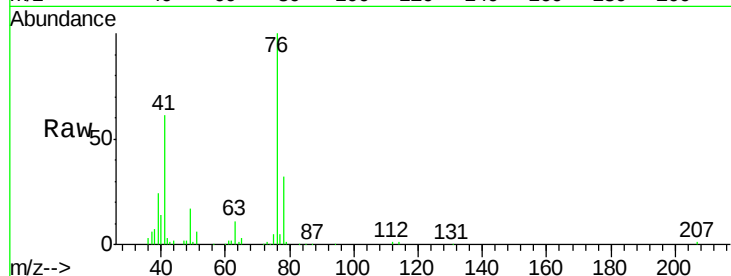
VD0127SBSD01

Tgt Ion: 76 Resp: 117932

Ion Ratio Lower Upper

76 100

78 31.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 101.07 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064960.D

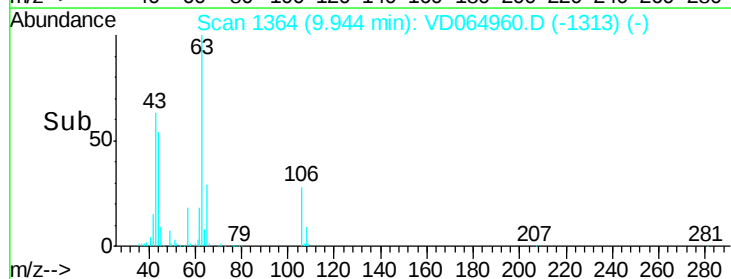
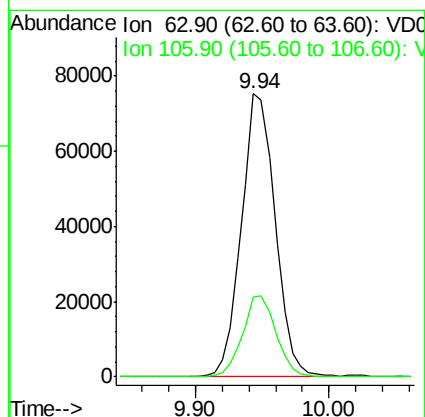
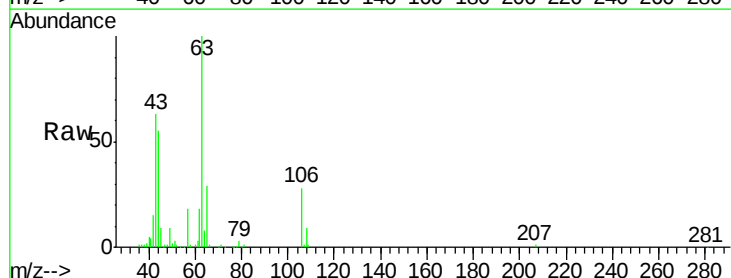
Acq: 27 Jan 2020 13:33

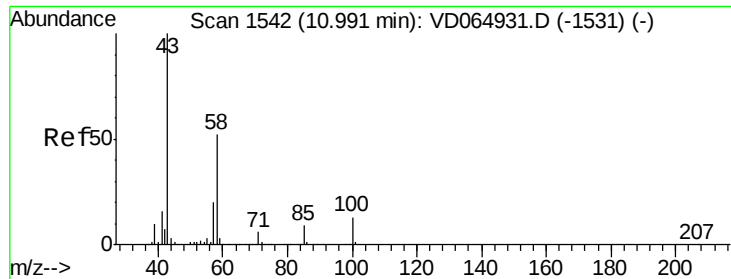
Tgt Ion: 63 Resp: 131652

Ion Ratio Lower Upper

63 100

106 28.2 23.0 34.4

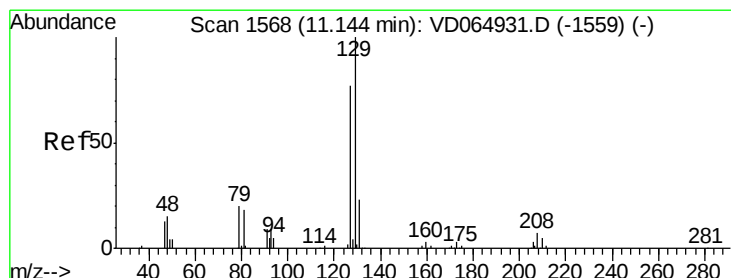
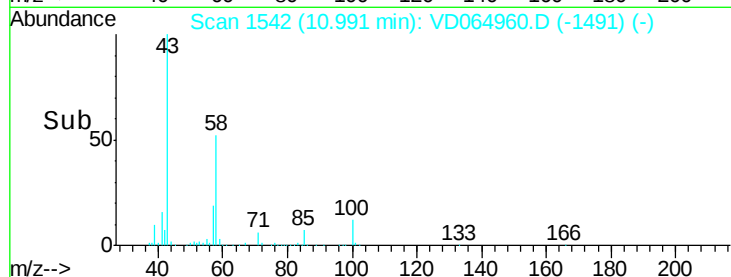
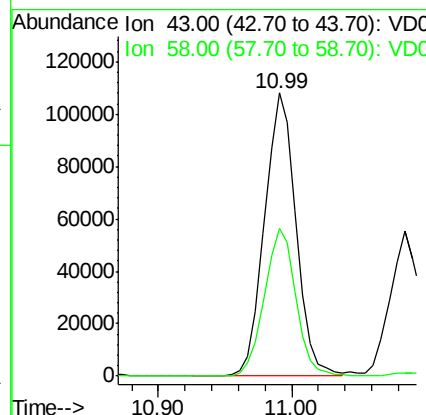
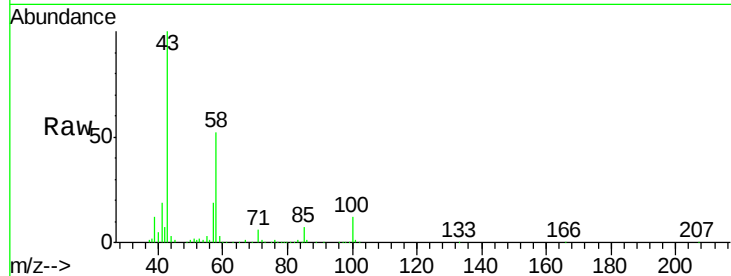




#59
2-Hexanone
Concen: 97.51 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

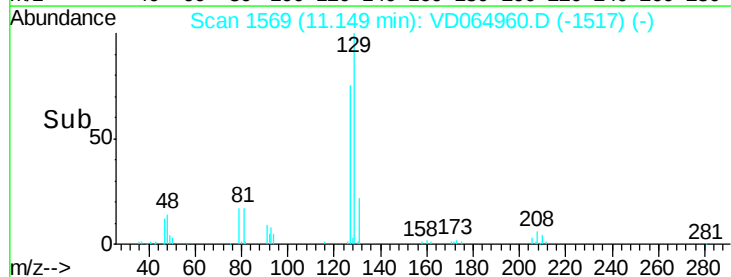
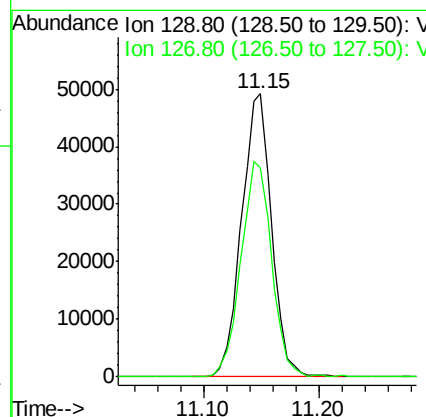
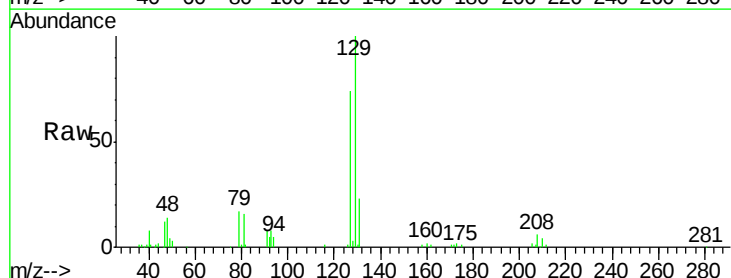
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

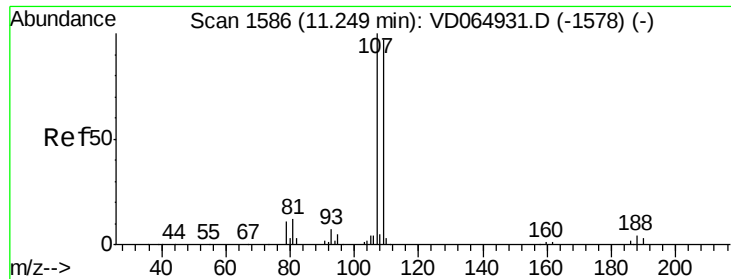
Tgt Ion: 43 Resp: 176337
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.4



#60
Dibromochloromethane
Concen: 20.18 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion: 129 Resp: 88442
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6

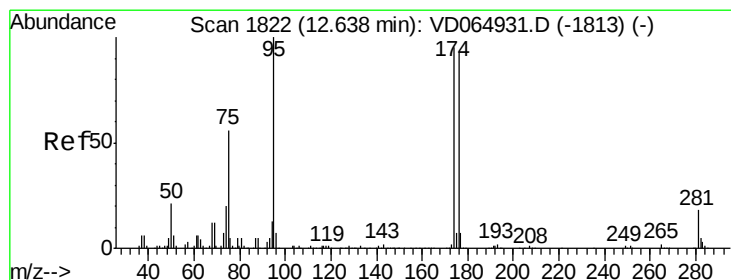
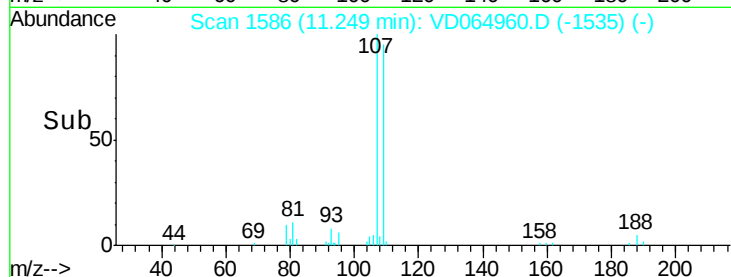
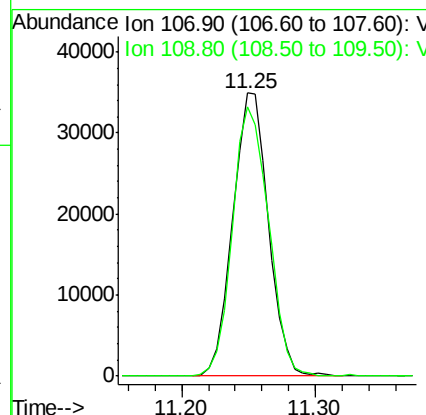
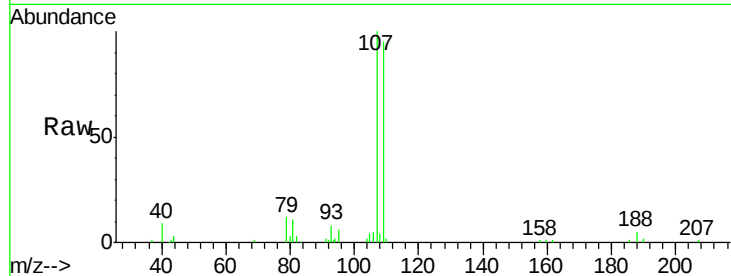




#61
 1,2-Dibromoethane
 Concen: 20.57 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

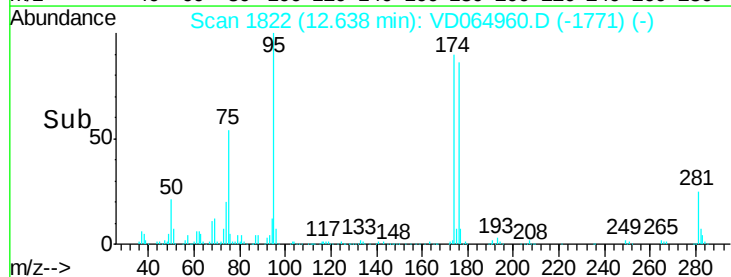
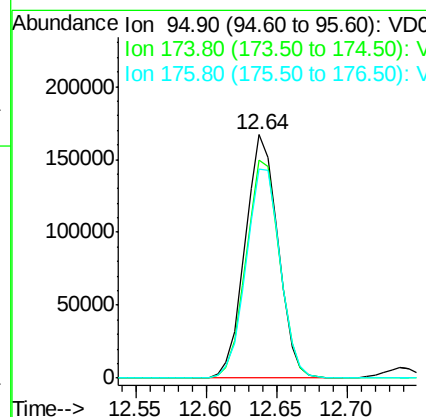
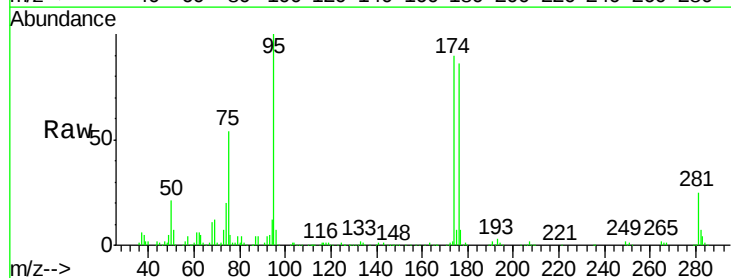
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

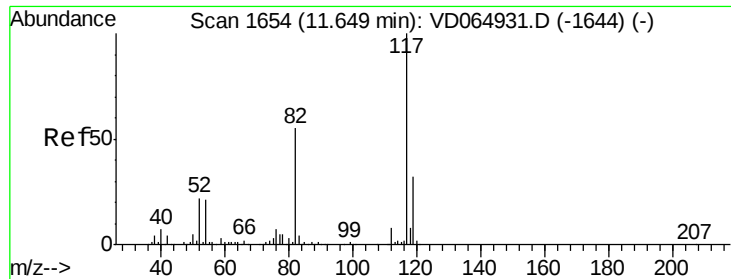
Tgt Ion: 107 Resp: 64936
 Ion Ratio Lower Upper
 107 100
 109 96.4 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 53.19 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion: 95 Resp: 273407
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 186.8
 176 89.2 0.0 183.4

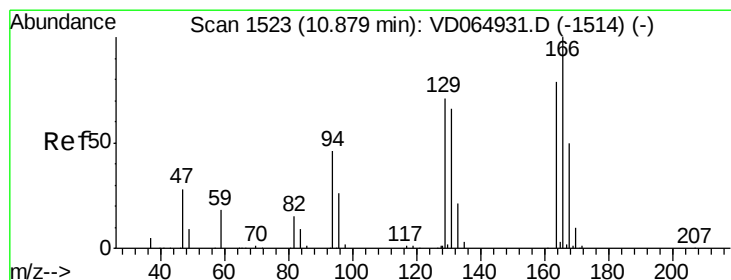
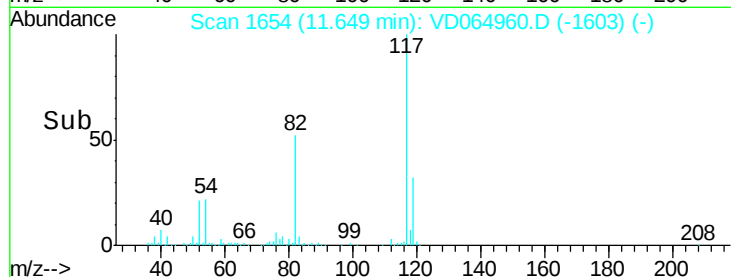
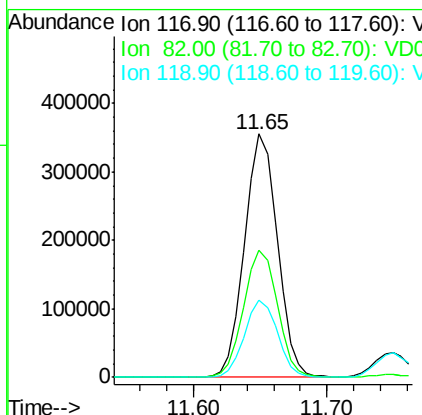
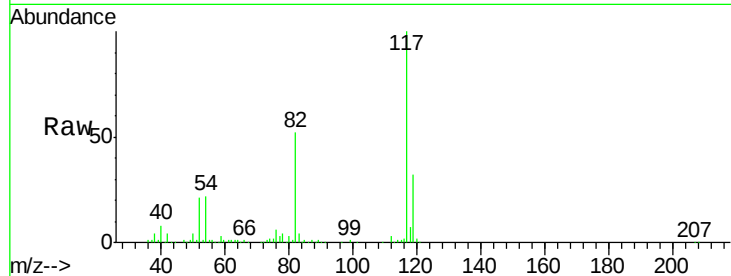




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

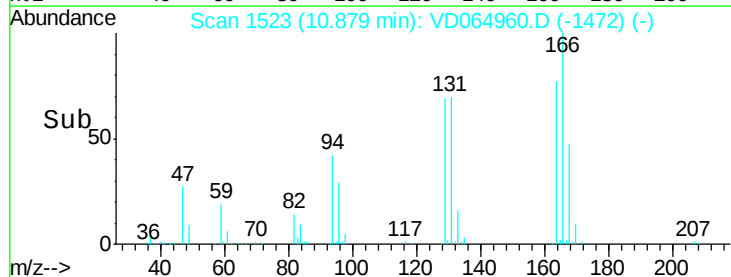
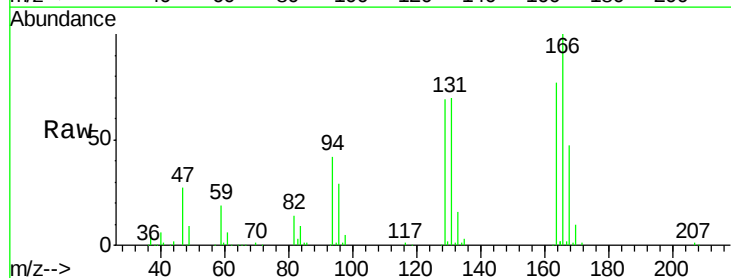
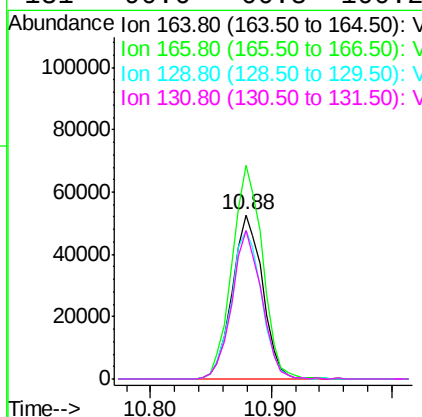
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

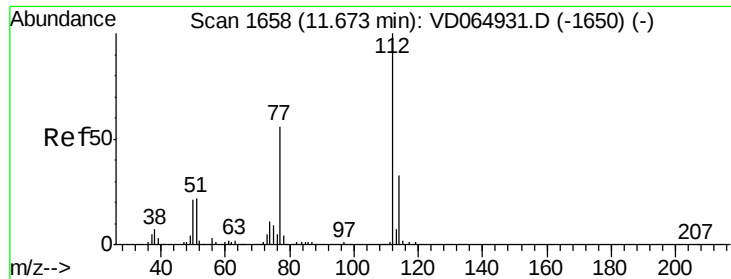
Tgt Ion:117 Resp: 607298
Ion Ratio Lower Upper
117 100
82 52.2 43.6 65.4
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 21.10 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion:164 Resp: 92594
Ion Ratio Lower Upper
164 100
166 130.0 101.4 152.2
129 90.3 71.8 107.8
131 90.6 66.8 100.2

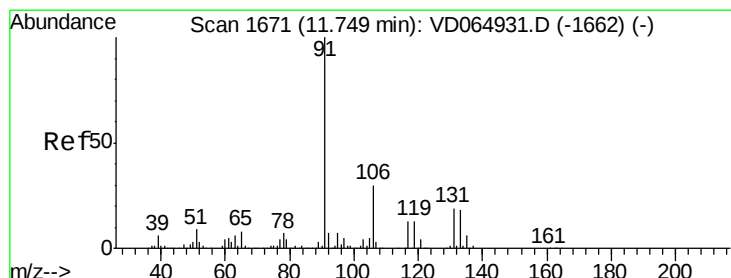
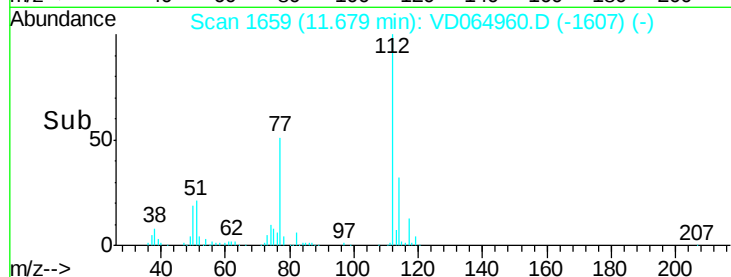
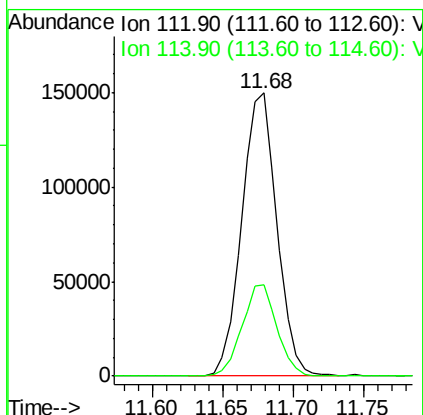
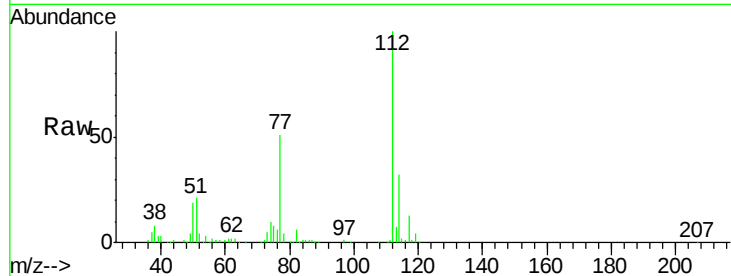




#65
Chlorobenzene
Concen: 21.21 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

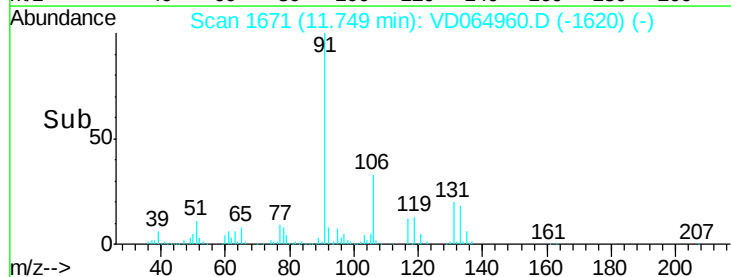
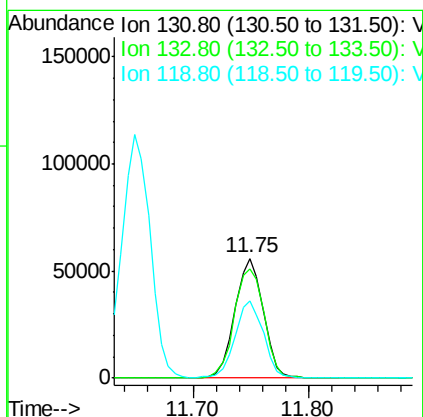
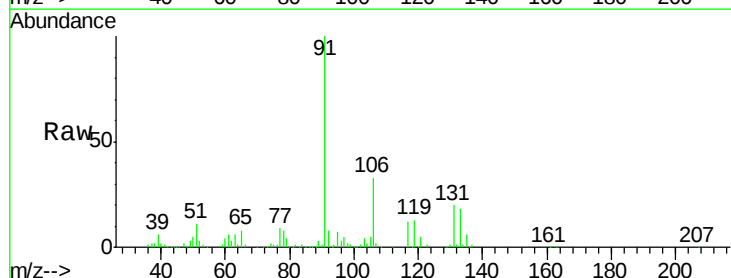
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

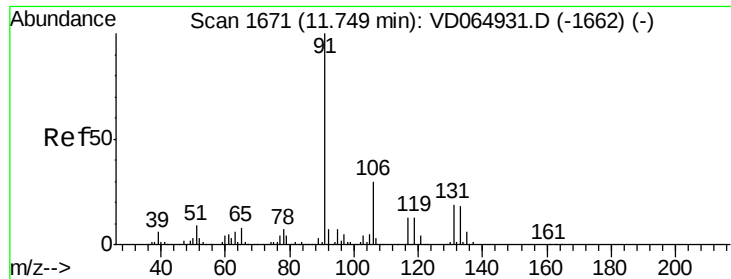
Tgt Ion:112 Resp: 261525
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.63 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion:131 Resp: 95672
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 63.8 31.1 93.5





#67

Ethyl Benzene

Concen: 20.91 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

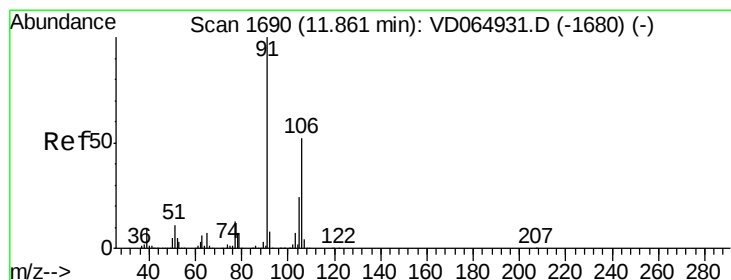
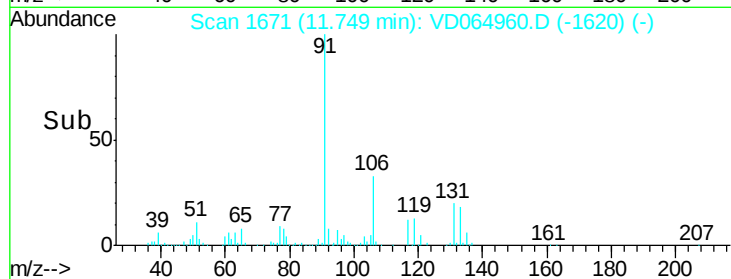
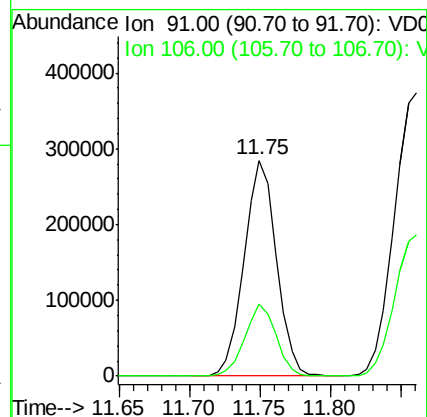
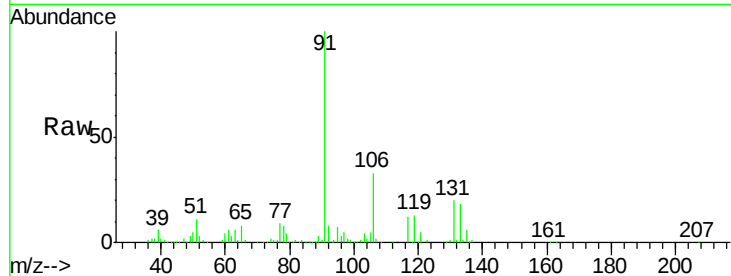
VD0127SBSD01

Tgt Ion: 91 Resp: 457695

Ion Ratio Lower Upper

91 100

106 33.2 24.3 36.5



#68

m/p-Xylenes

Concen: 42.22 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD064960.D

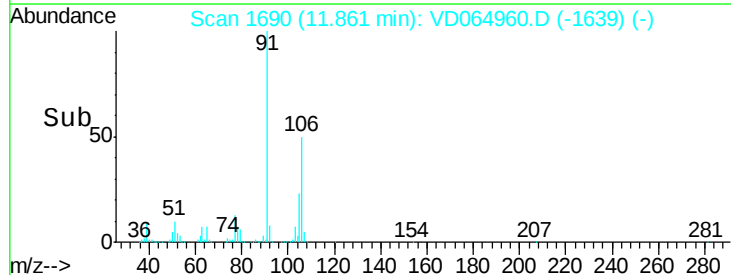
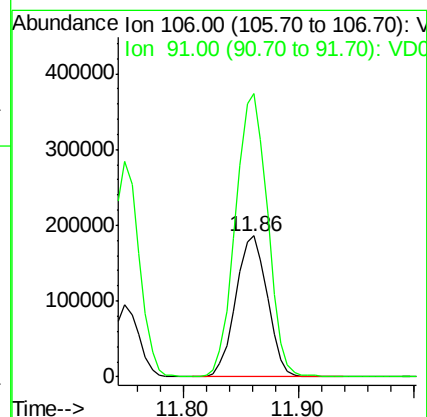
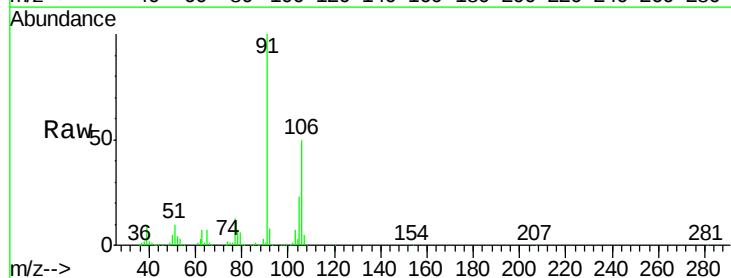
Acq: 27 Jan 2020 13:33

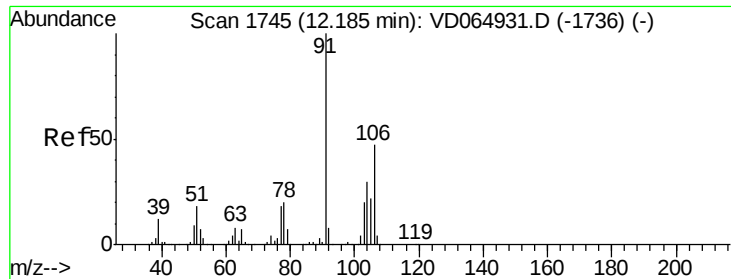
Tgt Ion: 106 Resp: 355807

Ion Ratio Lower Upper

106 100

91 202.3 159.0 238.4

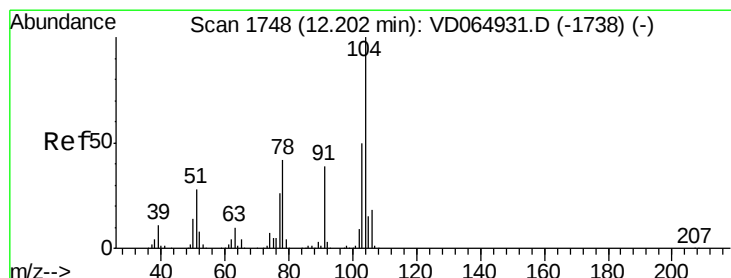
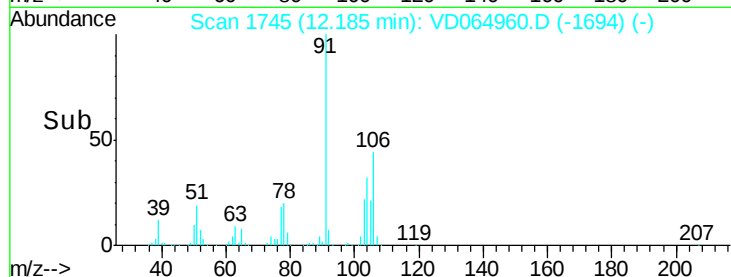
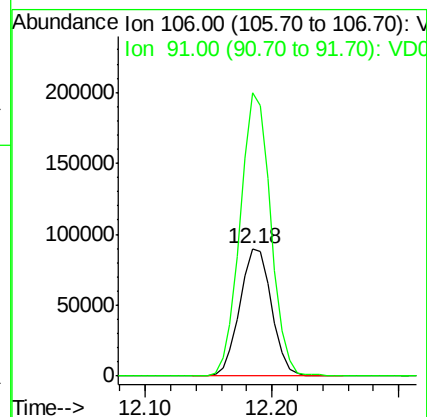
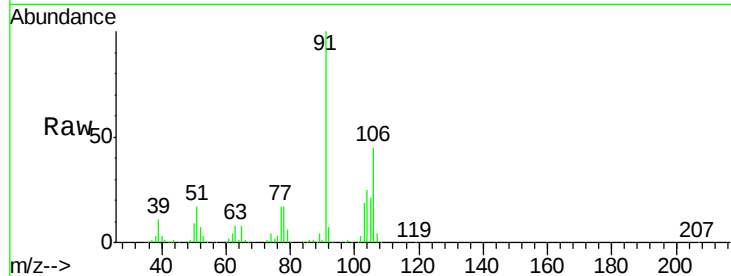




#69
o-Xylene
Concen: 20.84 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

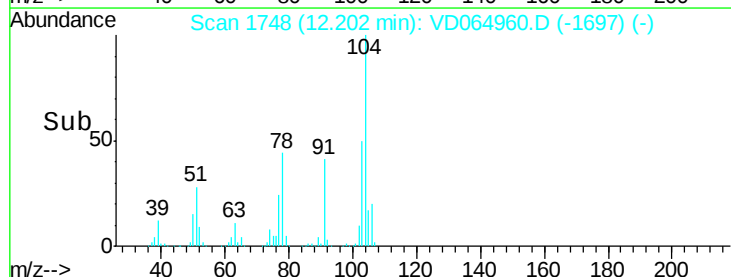
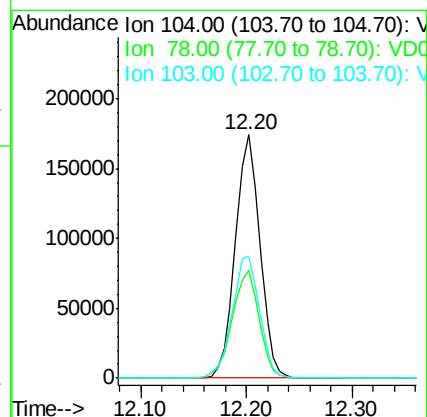
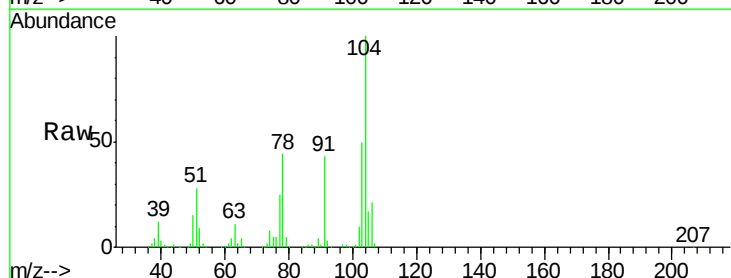
Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

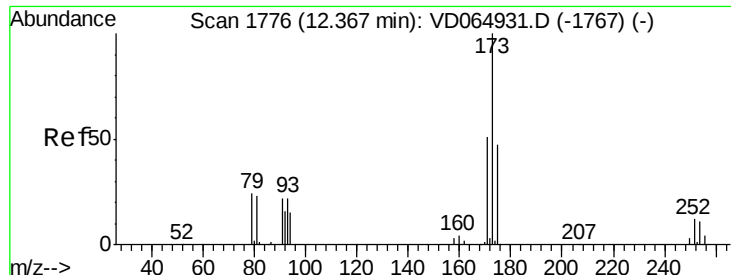
Tgt Ion:106 Resp: 155862
Ion Ratio Lower Upper
106 100
91 213.8 106.7 319.9



#70
Styrene
Concen: 21.01 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion:104 Resp: 279962
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 55.4 43.5 65.3

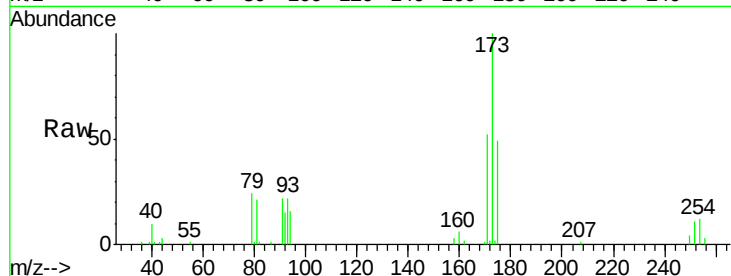




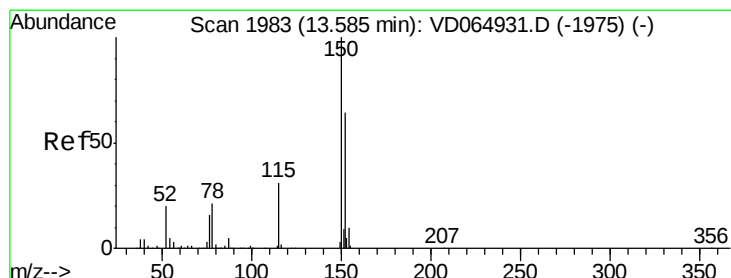
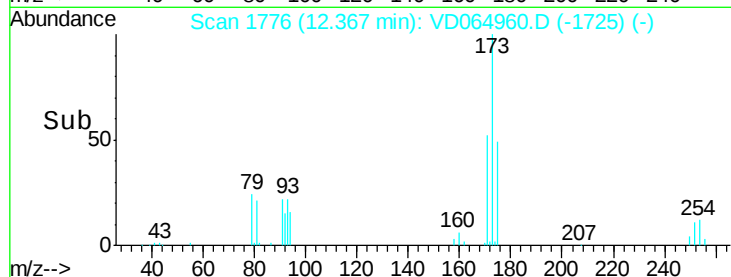
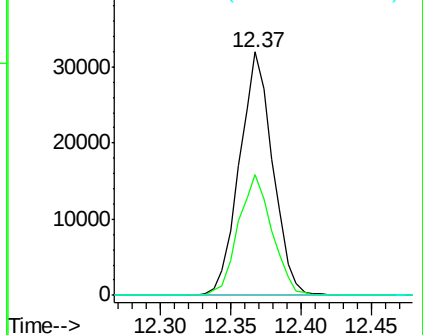
#71
Bromoform
Concen: 20.45 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBSD01

Tgt Ion:173 Resp: 52707
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.1 0.1#

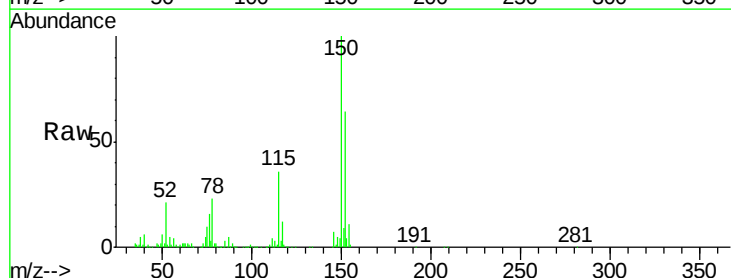


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

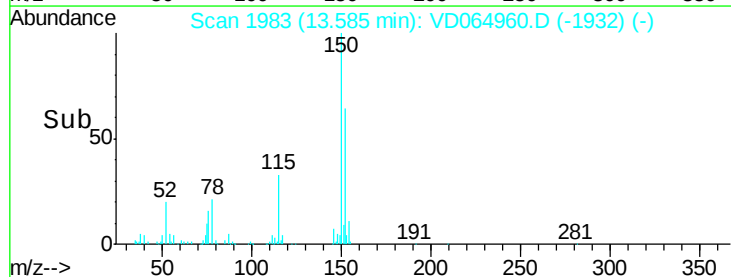
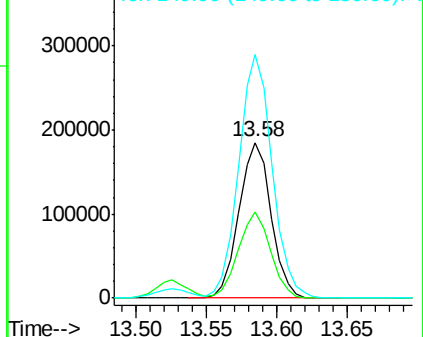


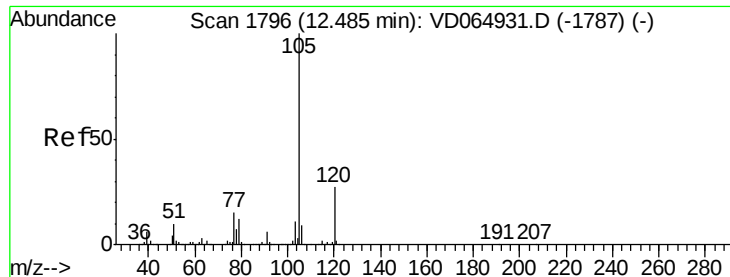
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064960.D
Acq: 27 Jan 2020 13:33

Tgt Ion:152 Resp: 293527
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.4
150 163.4 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.20 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

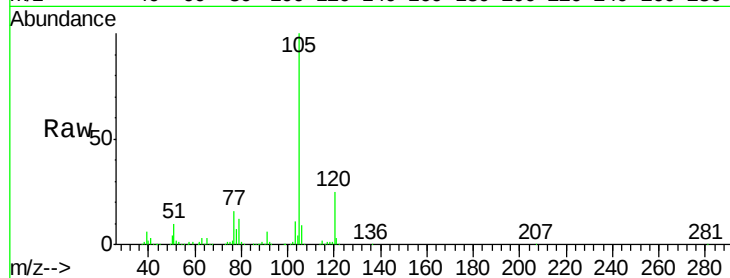
VD0127SBSD01

Tgt Ion:105 Resp: 445414

Ion Ratio Lower Upper

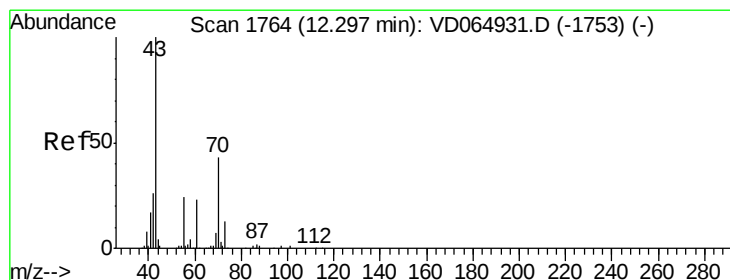
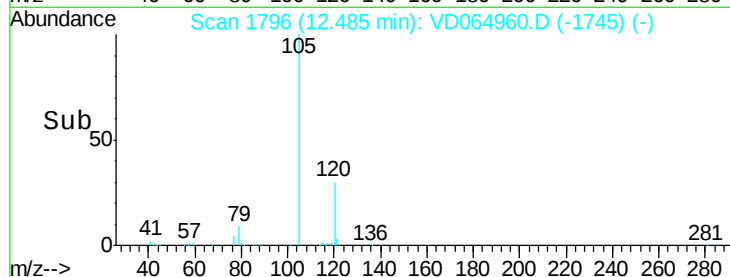
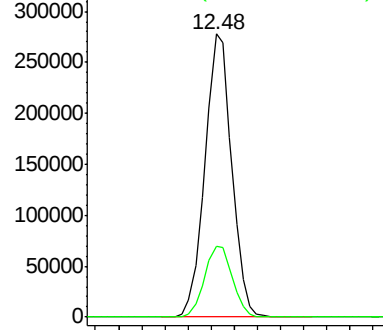
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.95 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Tgt Ion: 43 Resp: 89573

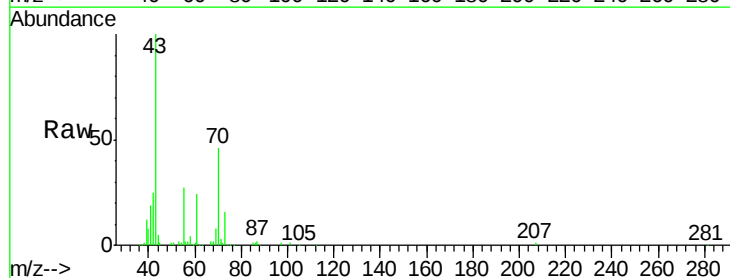
Ion Ratio Lower Upper

43 100

70 42.8 32.6 49.0

55 26.3 19.9 29.9

61 24.2 18.3 27.5

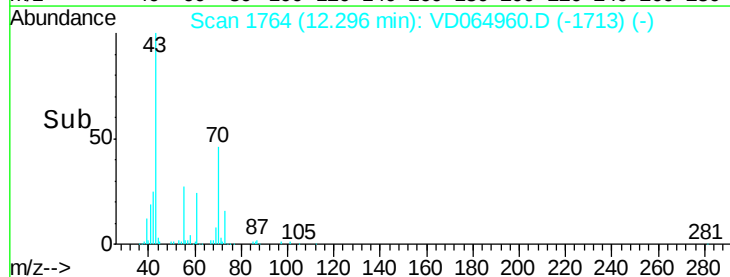
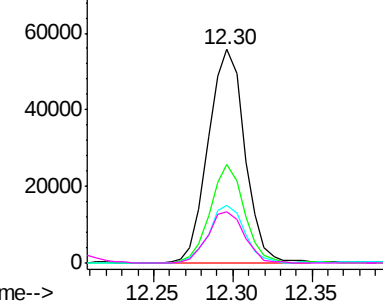


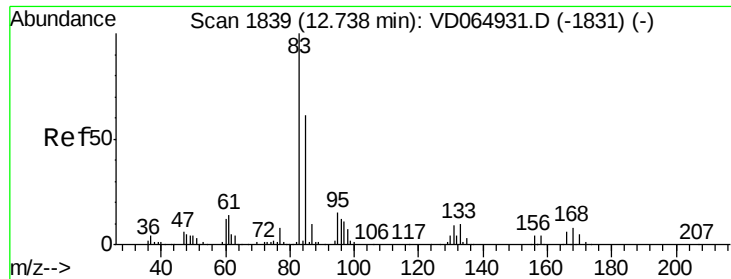
Abundance Ion 43.00 (42.70 to 43.70): V

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: 21.26 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

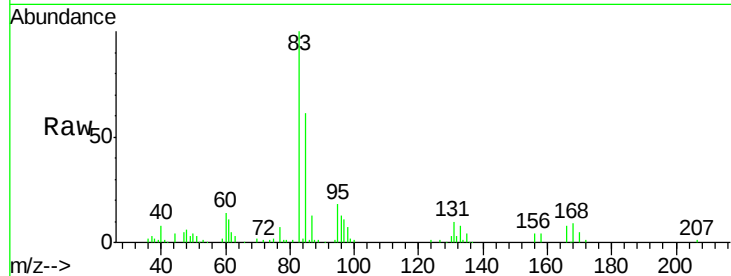
Tgt Ion: 83 Resp: 71694

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

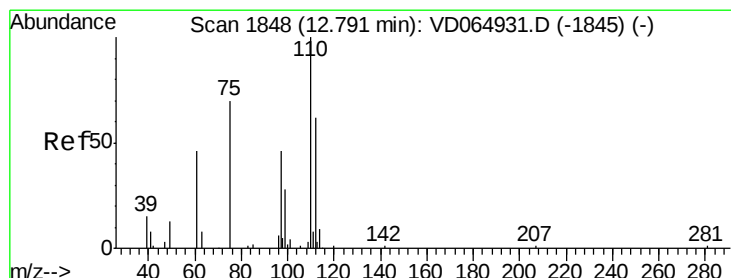
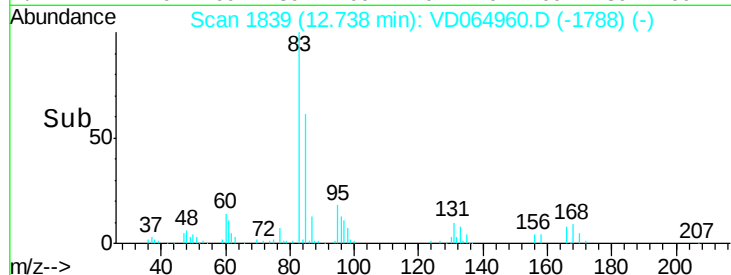
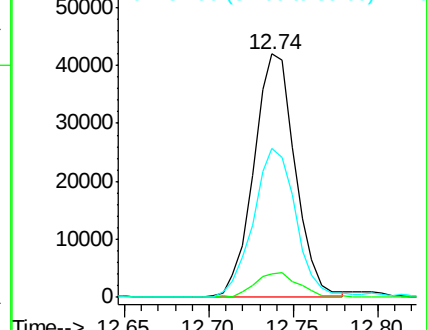
85 63.1 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.77 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD064960.D

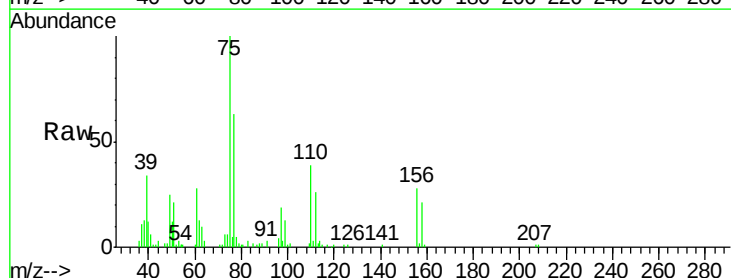
Acq: 27 Jan 2020 13:33

Tgt Ion: 75 Resp: 94445

Ion Ratio Lower Upper

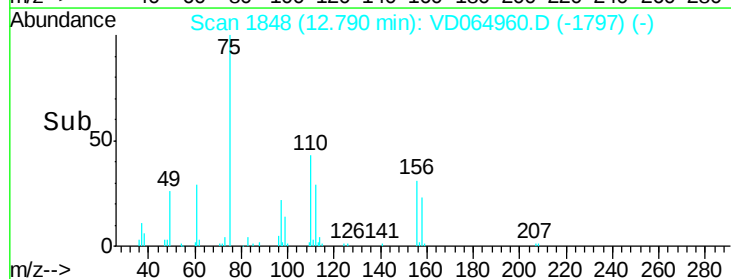
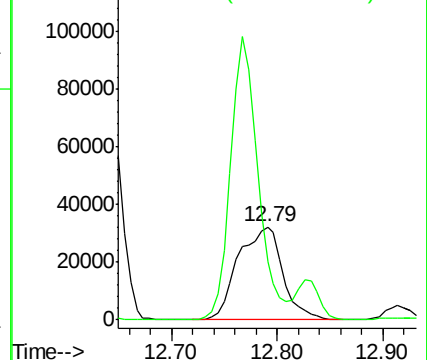
75 100

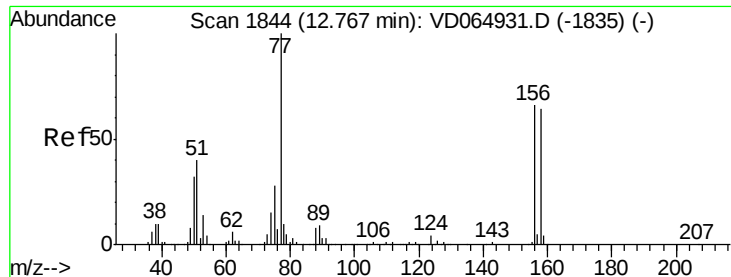
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.44 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

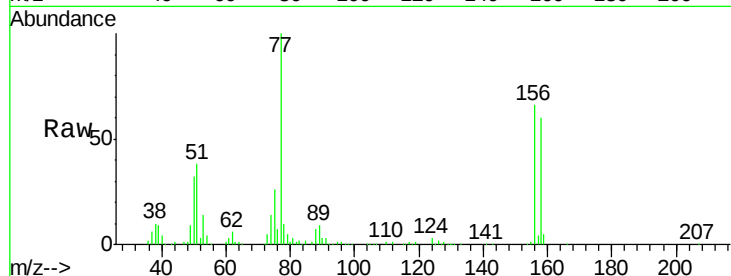
Tgt Ion:156 Resp: 105251

Ion Ratio Lower Upper

156 100

77 167.5 84.2 252.5

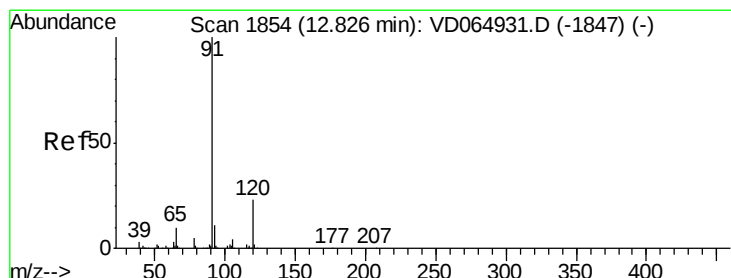
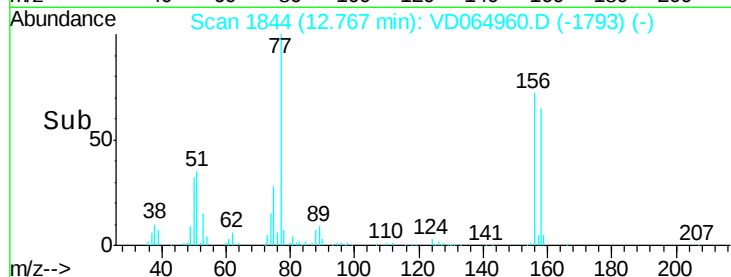
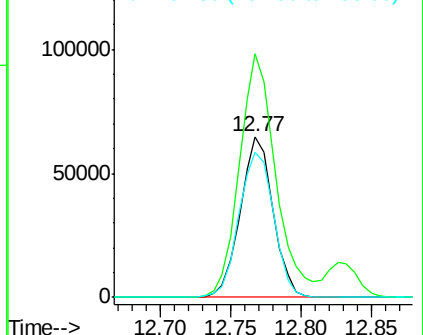
158 95.8 48.1 144.4



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: 22.11 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064960.D

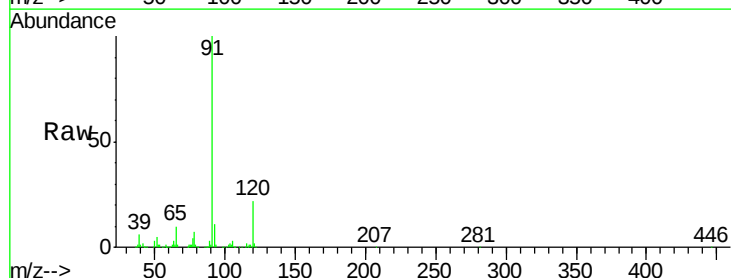
Acq: 27 Jan 2020 13:33

Tgt Ion: 91 Resp: 527510

Ion Ratio Lower Upper

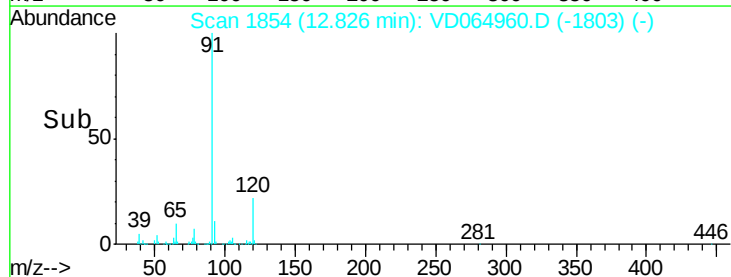
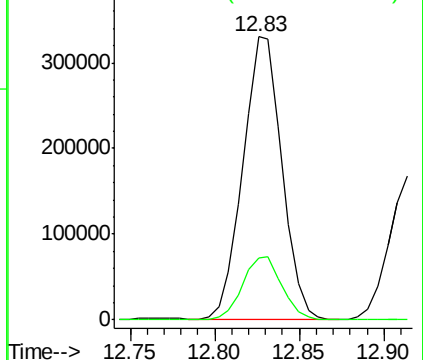
91 100

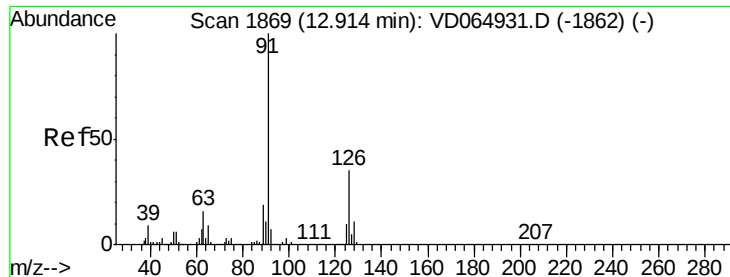
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

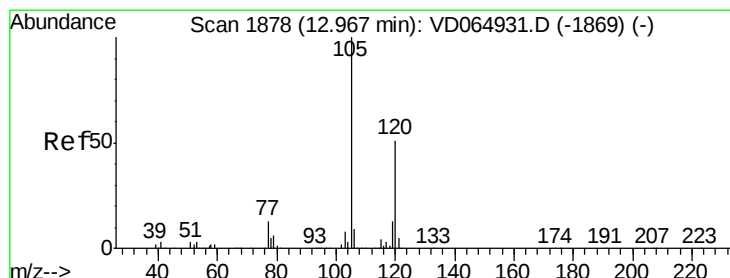
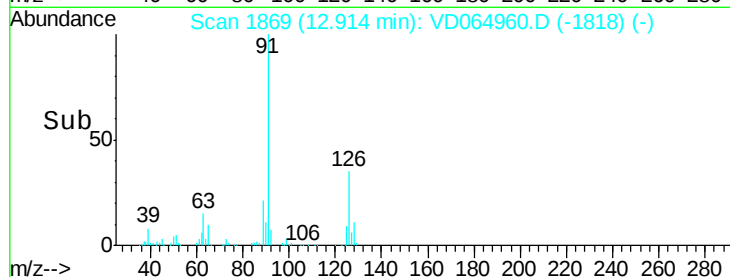
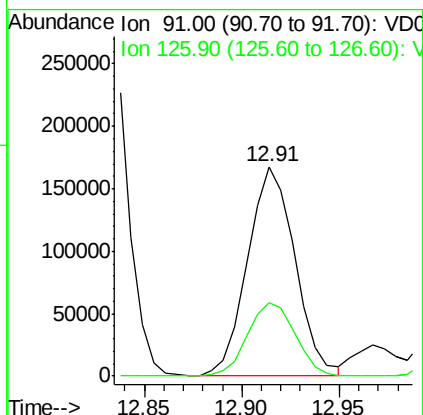
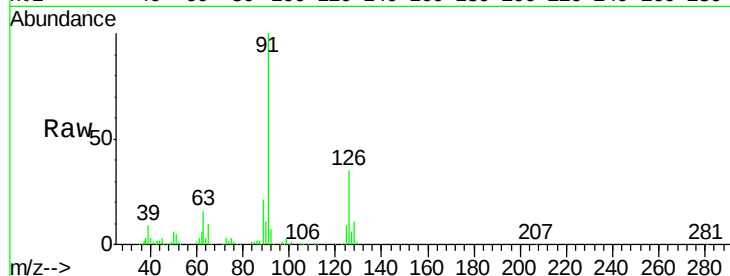




#79
 2-Chlorotoluene
 Concen: 21.53 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

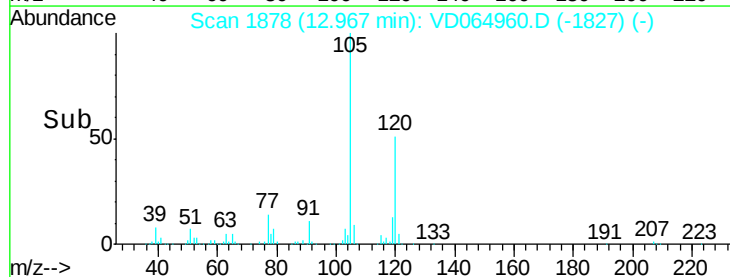
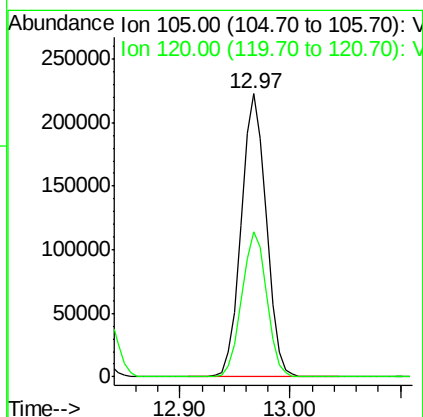
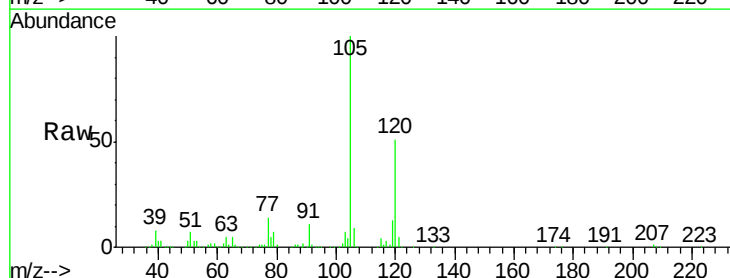
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

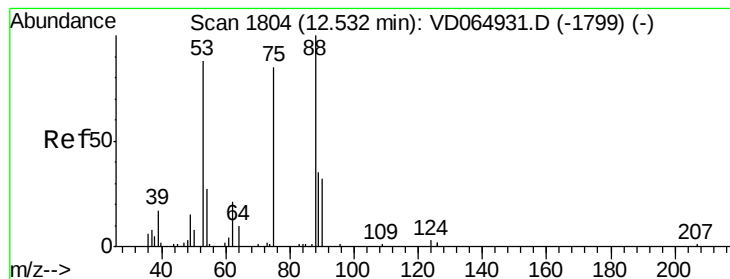
Tgt Ion: 91 Resp: 281736
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.63 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion: 105 Resp: 355602
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.02 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBS01

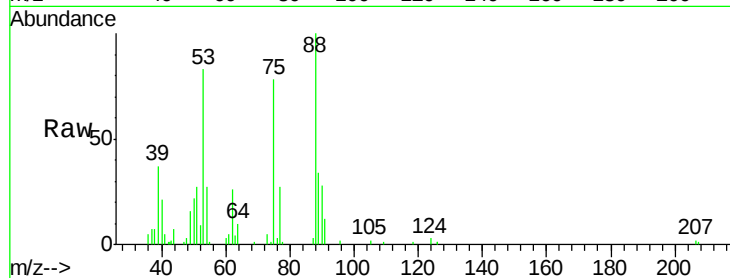
Tgt Ion: 75 Resp: 23984

Ion Ratio Lower Upper

75 100

53 100.1 81.0 121.4

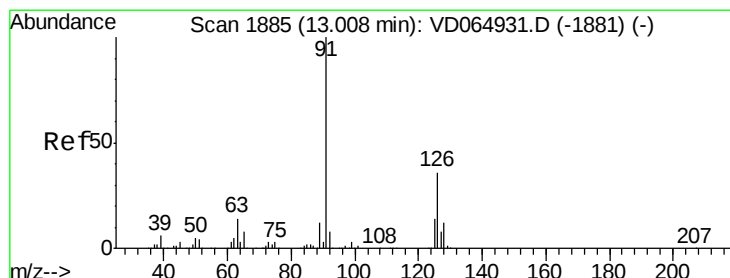
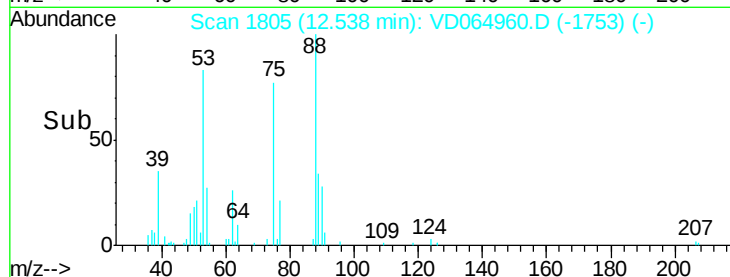
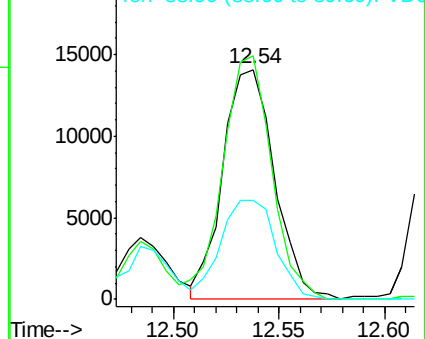
89 46.0 36.2 54.4



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: 21.58 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD064960.D

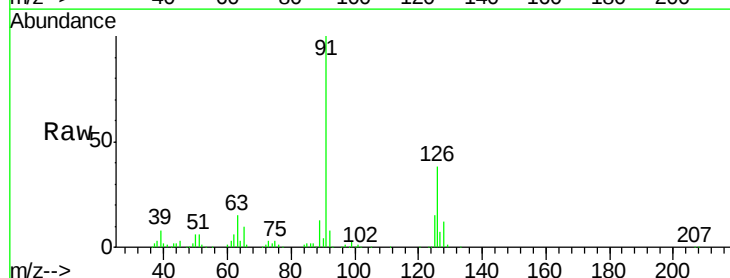
Acq: 27 Jan 2020 13:33

Tgt Ion: 91 Resp: 299528

Ion Ratio Lower Upper

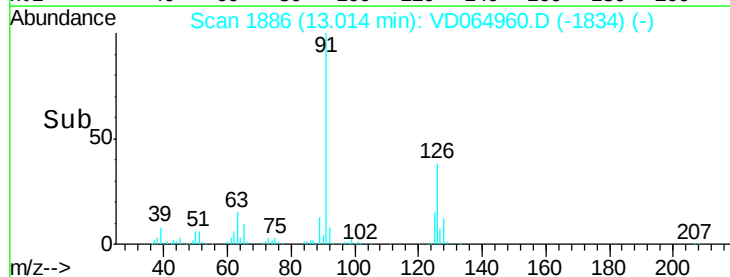
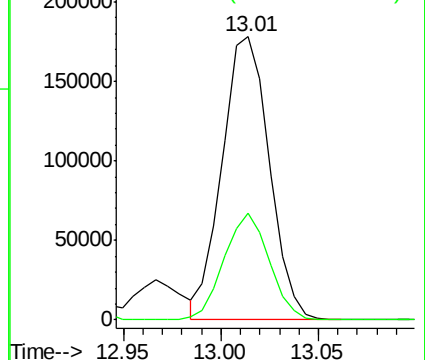
91 100

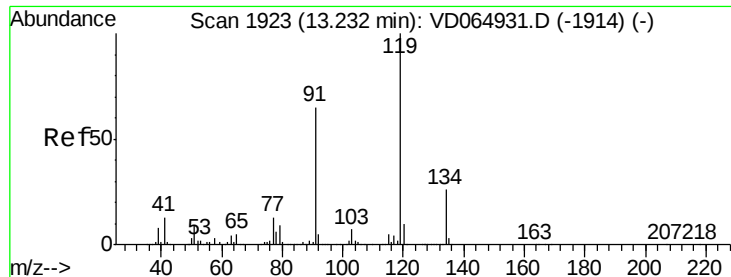
126 36.1 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

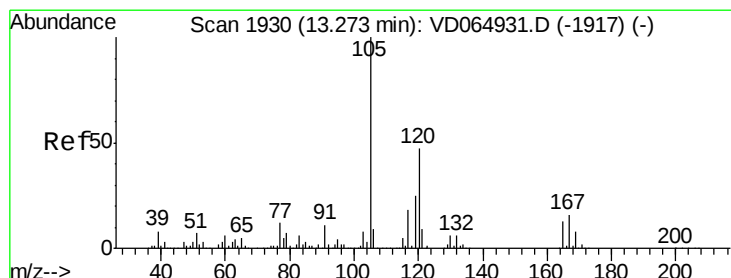
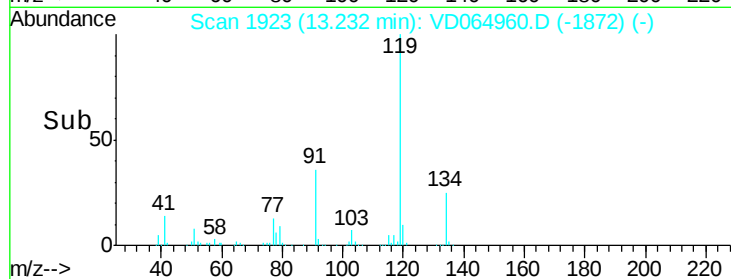
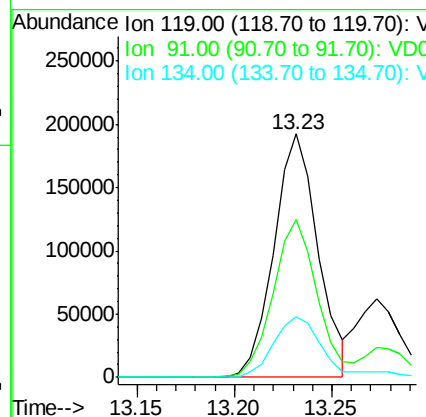
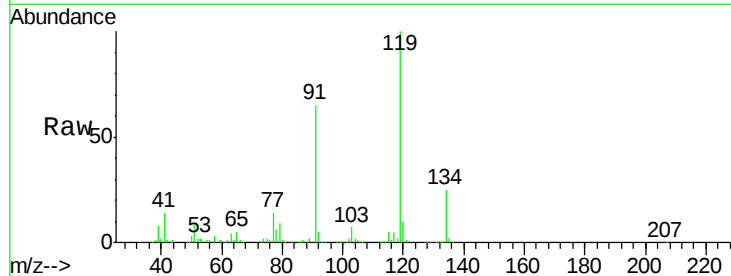




#83
 tert-Butylbenzene
 Concen: 21.56 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

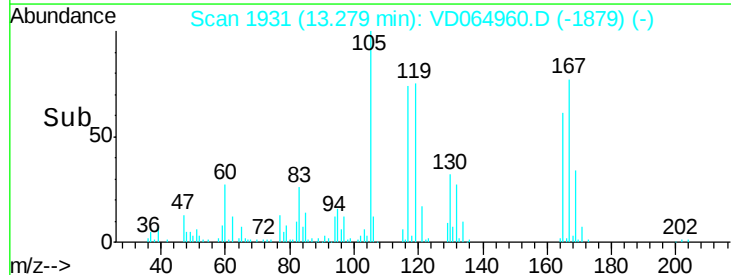
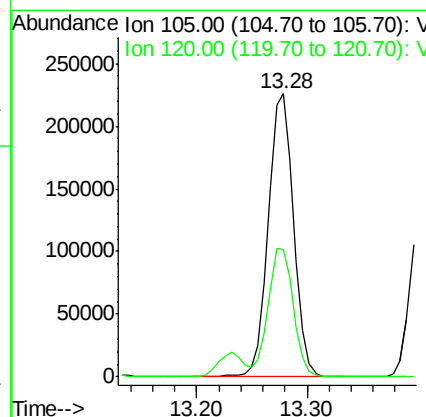
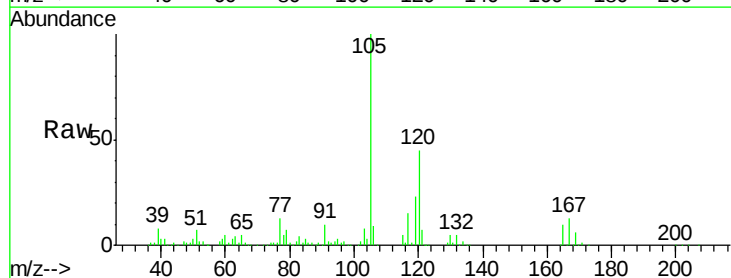
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

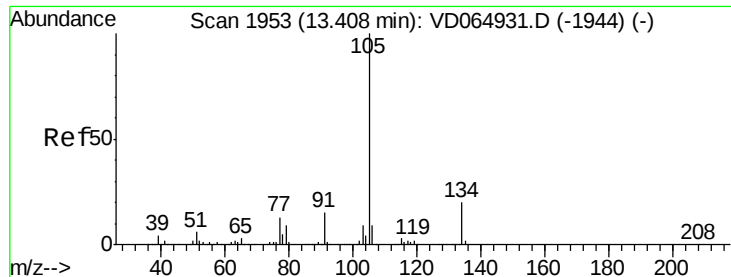
Tgt Ion:119 Resp: 300839
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.0 96.0
 134 26.1 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.82 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion:105 Resp: 363461
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.3

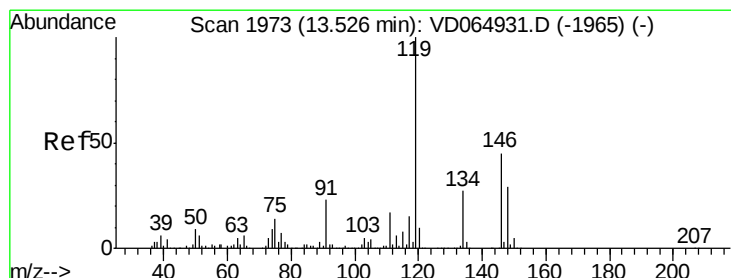
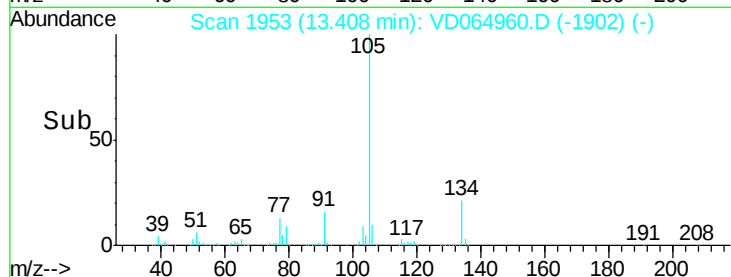
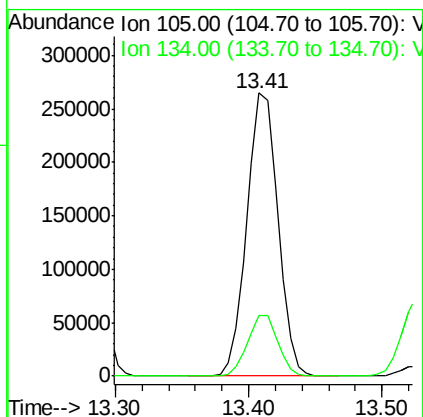
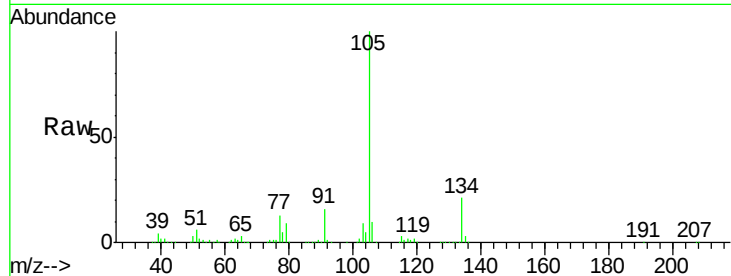




#85
 sec-Butylbenzene
 Concen: 21.54 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

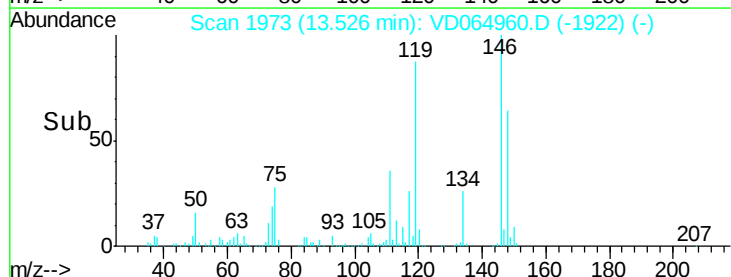
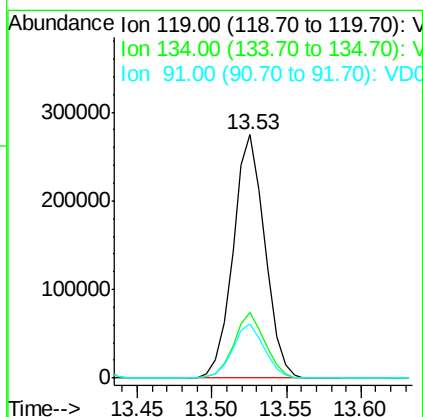
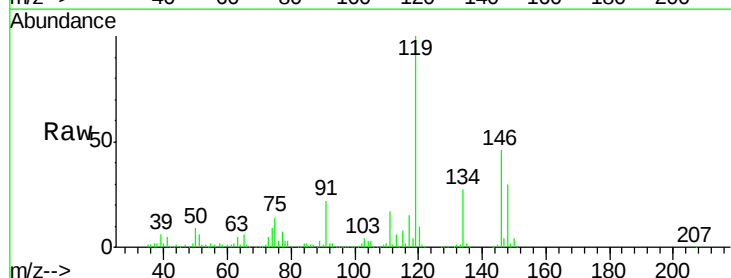
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

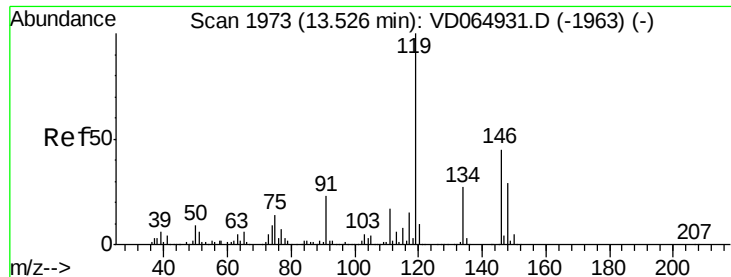
Tgt Ion:105 Resp: 425460
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 21.87 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion:119 Resp: 404270
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.4 11.4 34.2

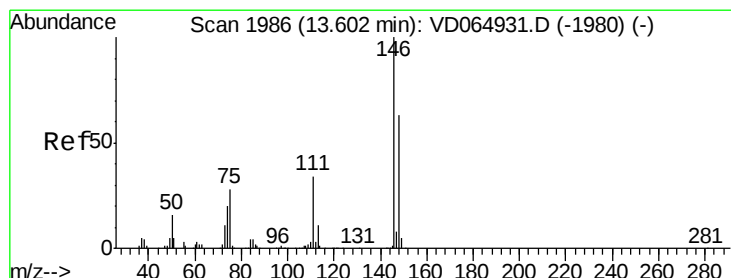
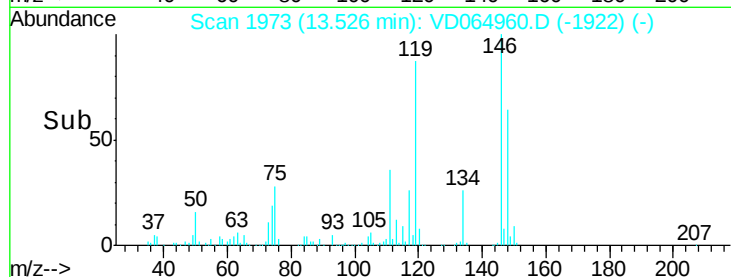
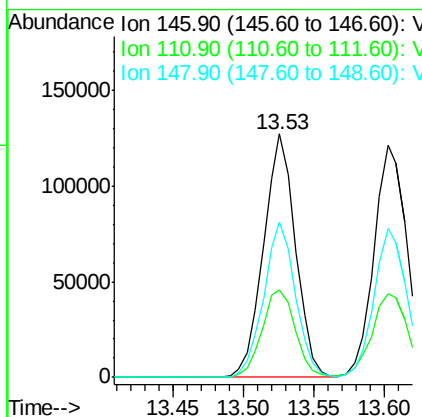
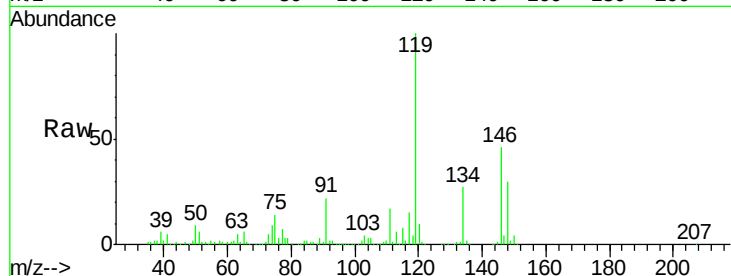




#87
 1,3-Dichlorobenzene
 Concen: 21.46 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

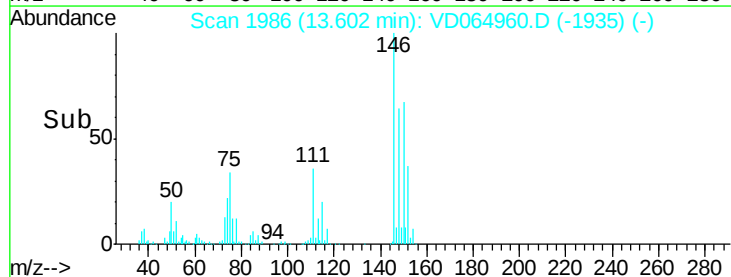
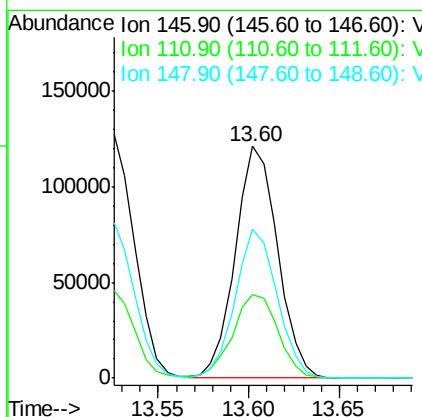
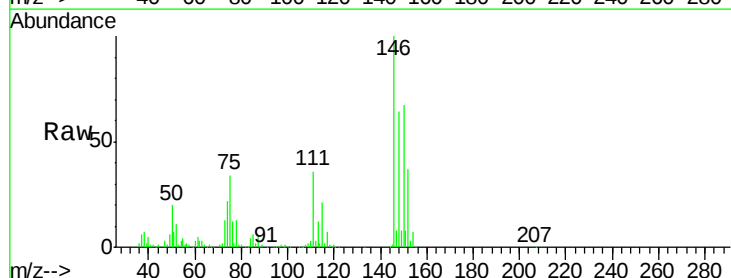
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

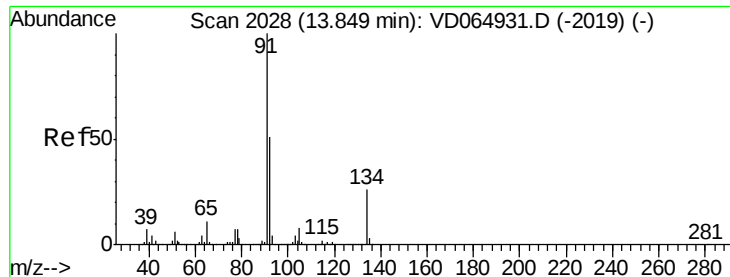
Tgt Ion:146 Resp: 202123
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 63.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 21.11 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion:146 Resp: 197375
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.2 54.6
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 21.86 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

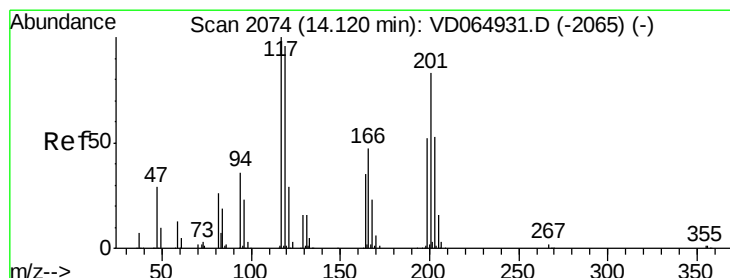
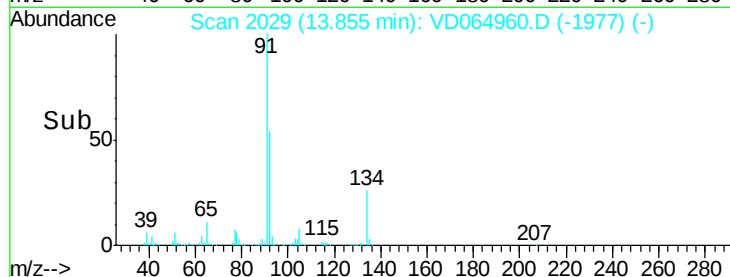
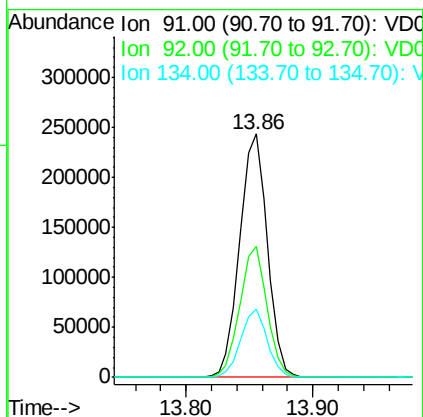
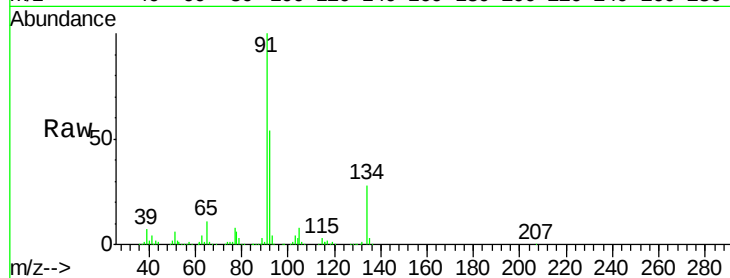
Tgt Ion: 91 Resp: 368721

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.9 13.3 39.9



#90

Hexachloroethane

Concen: 21.40 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD064960.D

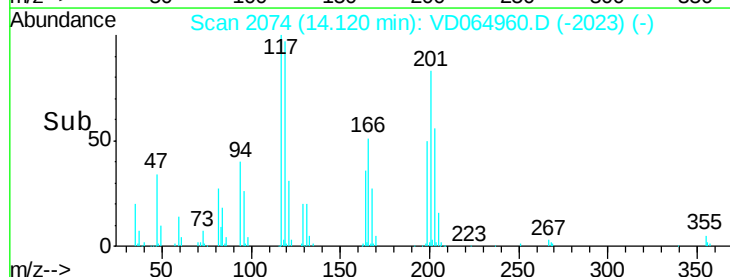
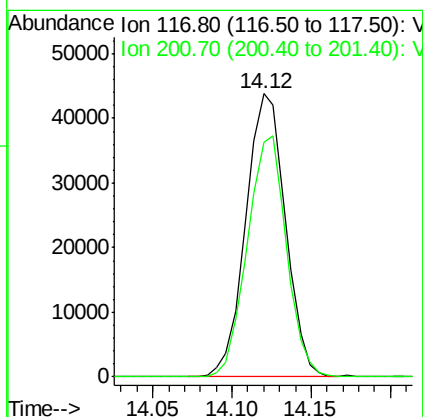
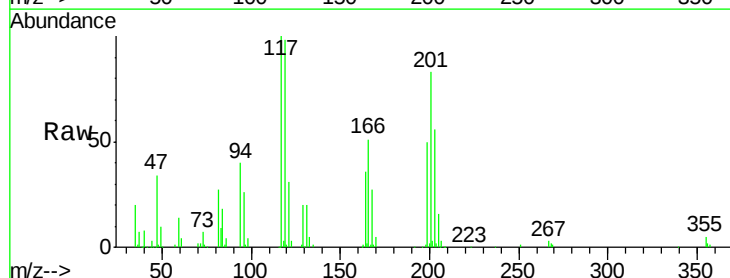
Acq: 27 Jan 2020 13:33

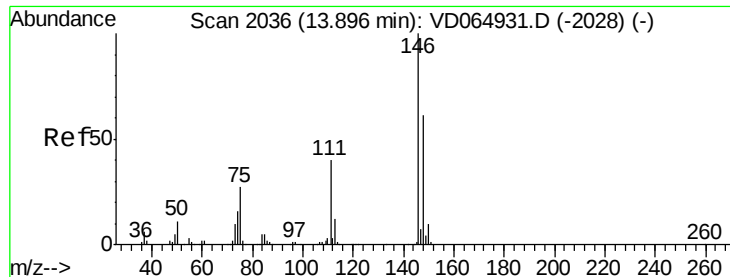
Tgt Ion: 117 Resp: 76291

Ion Ratio Lower Upper

117 100

201 83.8 41.1 123.3

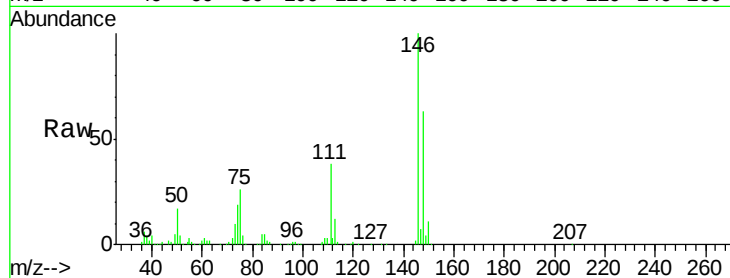




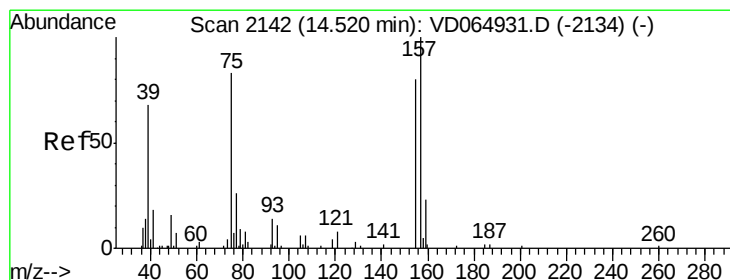
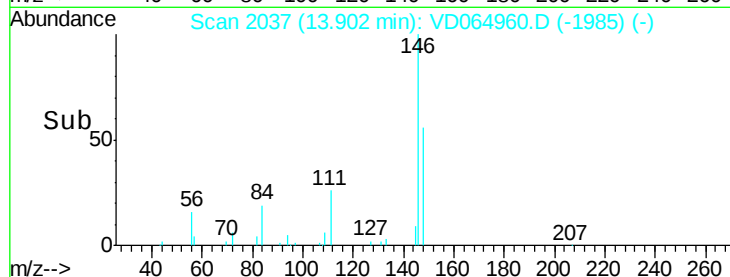
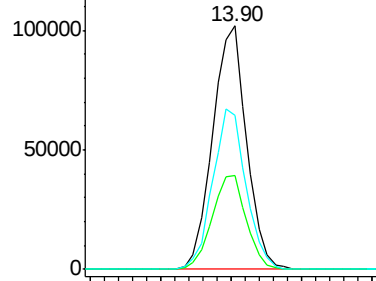
#91
 1,2-Dichlorobenzene
 Concen: 21.31 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

Tgt Ion:146 Resp: 170397
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 64.7 31.6 95.0

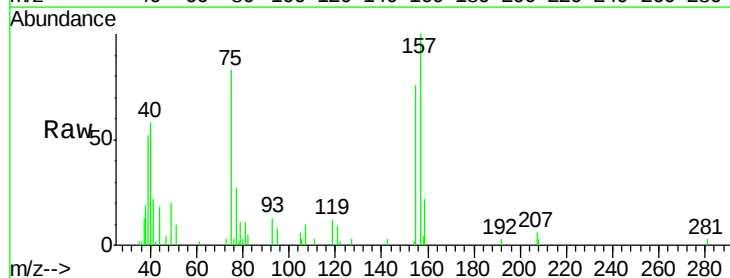


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

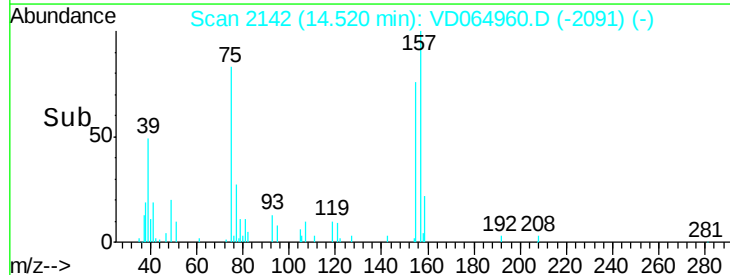
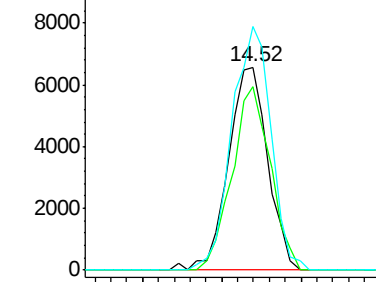


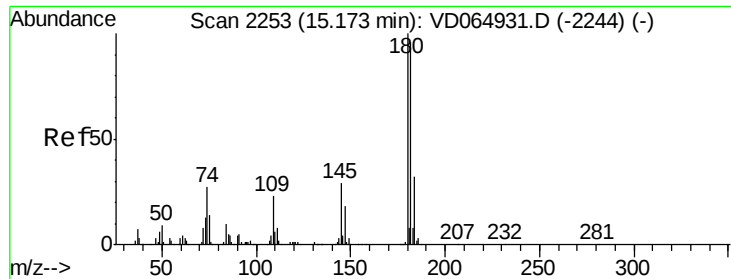
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.07 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion: 75 Resp: 11370
 Ion Ratio Lower Upper
 75 100
 155 88.0 44.9 134.7
 157 119.1 58.9 176.6



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

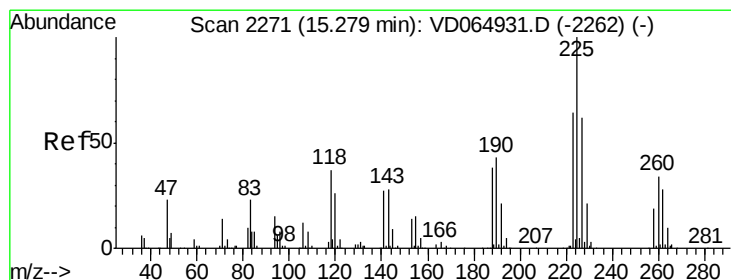
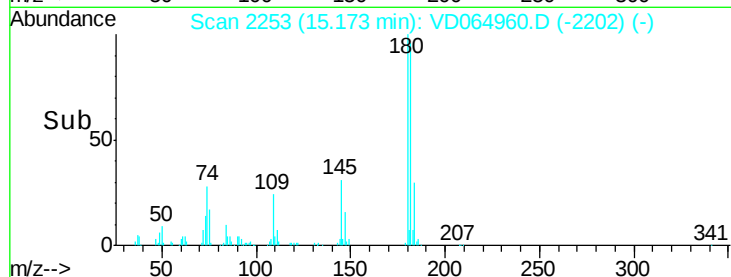
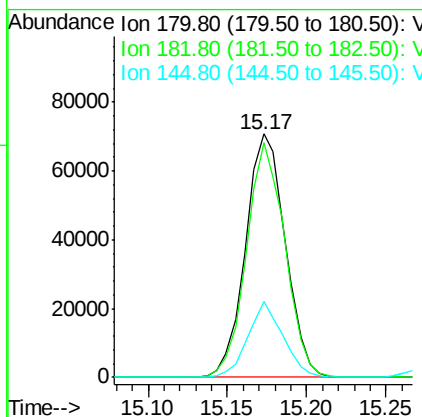
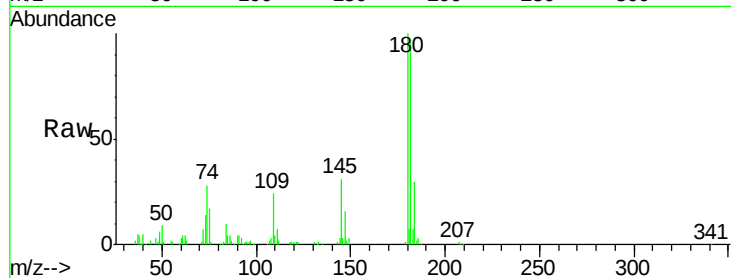




#93
 1,2,4-Trichlorobenzene
 Concen: 22.25 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

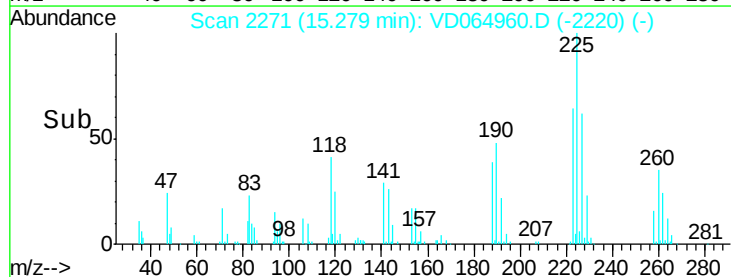
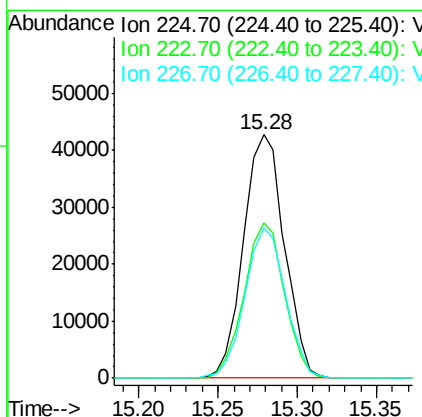
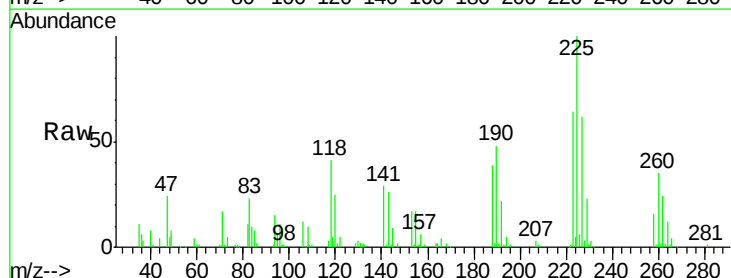
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBSD01

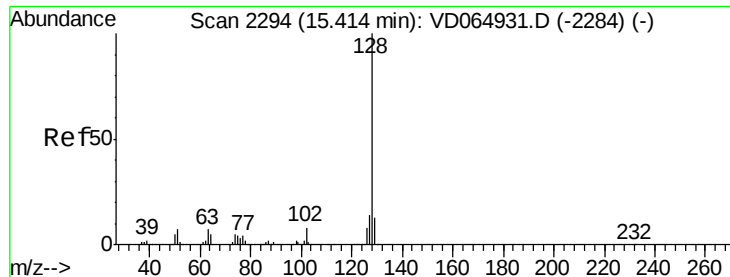
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.4
145	27.8	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 21.93 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064960.D
 Acq: 27 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.2
227	60.9	31.9	95.9





#95

Naphthalene

Concen: 21.19 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

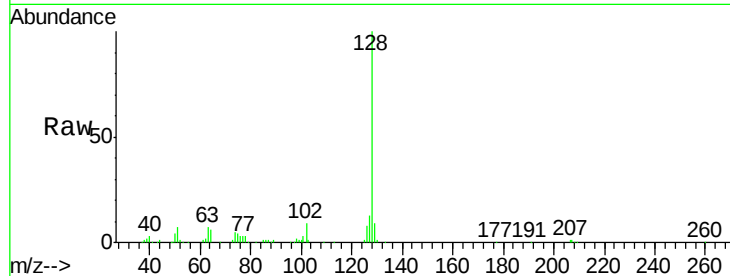
Instrument :

MSVOA_D

ClientSampleId :

VD0127SBSD01

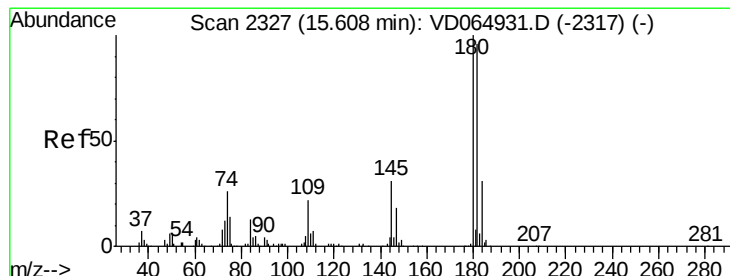
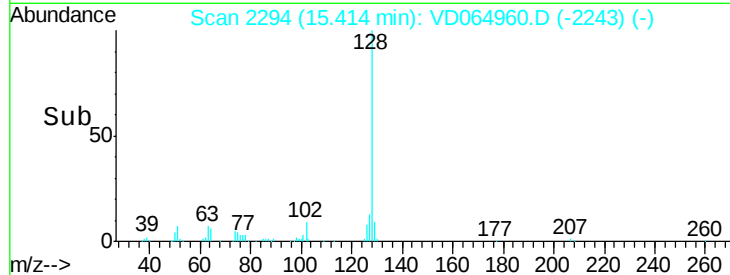
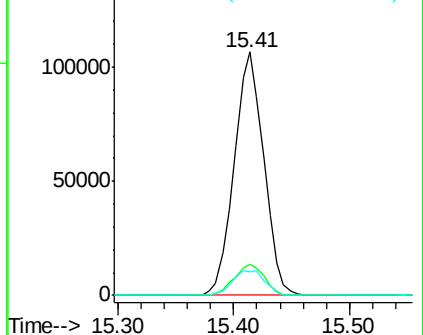
Tgt Ion:	128	Resp:	189217
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	9.3	13.9



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.51 ug/l

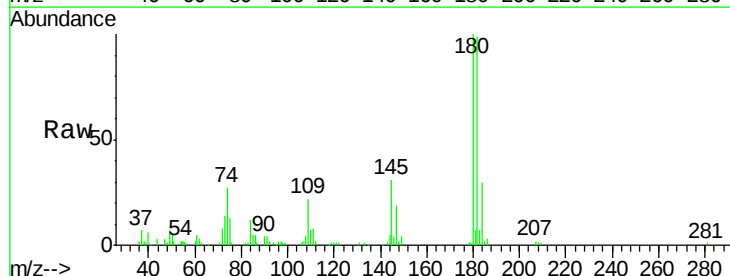
RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD064960.D

Acq: 27 Jan 2020 13:33

Tgt Ion:	180	Resp:	103150
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.8
145	31.2	14.6	43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

