

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062299.D
 Acq On : 13 May 2019 12:40
 Operator : FY/SY
 Sample : K2718-16
 Misc : 4.81g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

Quant Time: May 14 05:08:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	9614	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.24	114	17869	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	16760	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	9002	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	10641	119.10	ug/l	0.04
Spiked Amount			Recovery	=	238.20%	
35) Dibromofluoromethane	6.94	113	7466	50.36	ug/l	0.05
Spiked Amount			Recovery	=	100.72%	
50) Toluene-d8	10.43	98	13903	38.89	ug/l	0.03
Spiked Amount			Recovery	=	77.78%	
62) 4-Bromofluorobenzene	13.57	95	6346	44.21	ug/l	0.02
Spiked Amount			Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1307	85.425	ug/l #	1
10) Methyl Iodide	3.35	142	1023	7.048	ug/l #	89
16) Acetone	3.24	43	1689	90.145	ug/l #	50
20) Methylene Chloride	3.84	84	387	4.947	ug/l #	60
23) Vinyl Acetate	5.02	43	277	2.315	ug/l #	77
36) 1,1-Dichloropropene	7.08	75	302	2.061	ug/l #	40
38) Carbon Tetrachloride	7.06	117	203	1.001	ug/l #	12
43) Isopropyl Acetate	9.60	43	233	2.644	ug/l #	43
51) 4-Methyl-2-Pentanone	10.32	43	178	3.143	ug/l #	37
55) 1,1,2-Trichloroethane	11.23	97	449	5.895	ug/l #	16
59) 2-Hexanone	11.75	43	196	4.695	ug/l #	27
65) Chlorobenzene	12.41	112	468	1.499	ug/l #	42
67) Ethyl Benzene	12.53	91	840	1.607	ug/l #	44
68) m/p-Xylenes	12.68	106	455	2.393	ug/l	85
70) Styrene	13.08	104	600	2.004	ug/l #	49
73) Isopropylbenzene	13.41	105	889	1.647	ug/l #	51
76) 1,2,3-Trichloropropane	13.57	75	2709	25.322	ug/l #	42
78) n-propylbenzene	13.78	91	1177	1.829	ug/l #	54
79) 2-Chlorotoluene	13.84	91	551	1.495	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.94	105	991	2.181	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.57	75	2710	89.731	ug/l #	16
82) 4-Chlorotoluene	13.96	91	1554	3.582	ug/l #	37
83) tert-Butylbenzene	14.20	119	879	1.721	ug/l #	80
84) 1,2,4-Trimethylbenzene	14.25	105	938	2.057	ug/l	87
85) sec-Butylbenzene	14.37	105	618	1.104	ug/l #	60
86) p-Isopropyltoluene	14.50	119	889	1.777	ug/l #	52
87) 1,3-Dichlorobenzene	14.46	146	895	3.243	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	859	3.168	ug/l	81
89) n-Butylbenzene	14.81	91	1147	2.554	ug/l	75
91) 1,2-Dichlorobenzene	14.82	146	862	3.793	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.95	180	1472	8.899	ug/l	80
94) Hexachlorobutadiene	16.05	225	216	1.756	ug/l #	19
95) Naphthalene	16.13	128	1742	7.543	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.27	180	974	9.365	ug/l #	79

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QLast Update : Tue May 07 14:26:29 2019
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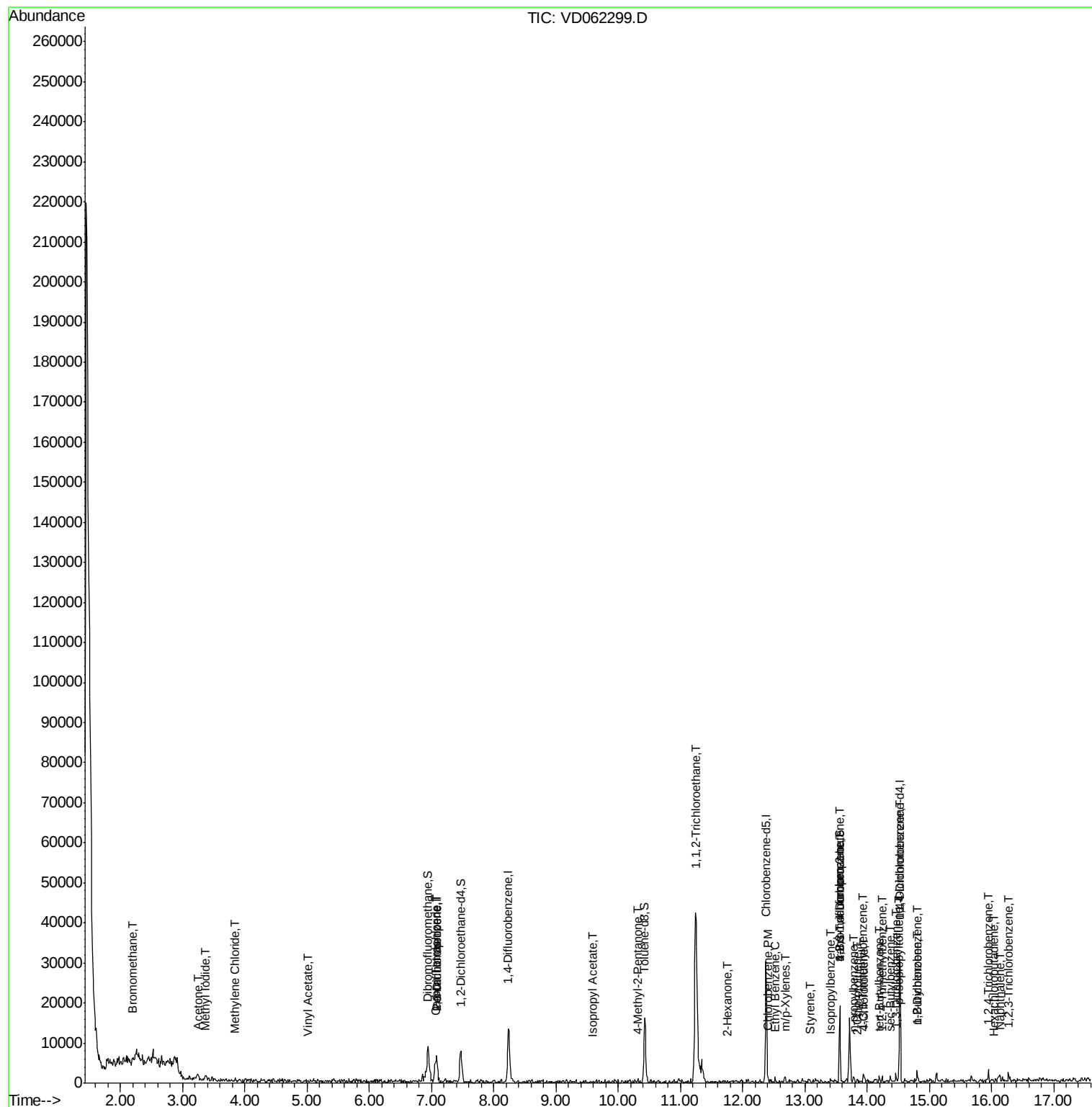
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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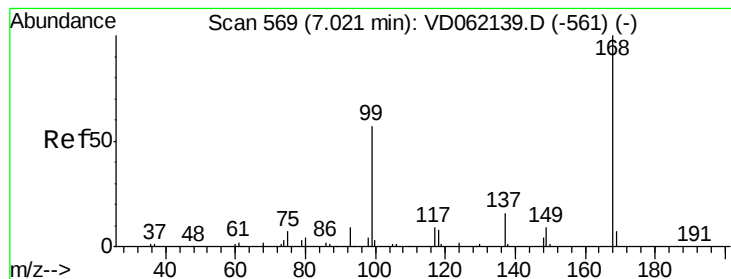
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 575

Delta R.T. 0.06 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

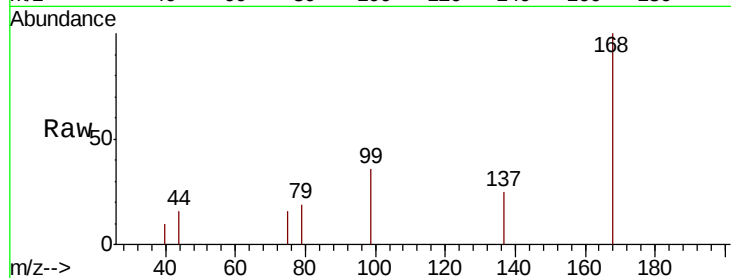
P026-SS007-0002-01

Tot Ion:168 Resp: 9614

Ion Ratio Lower Upper

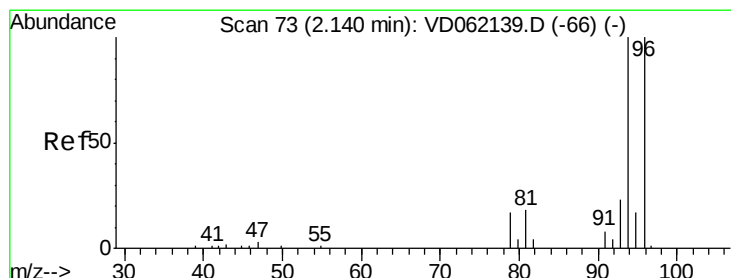
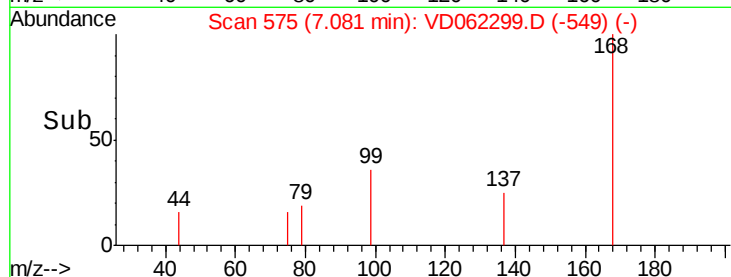
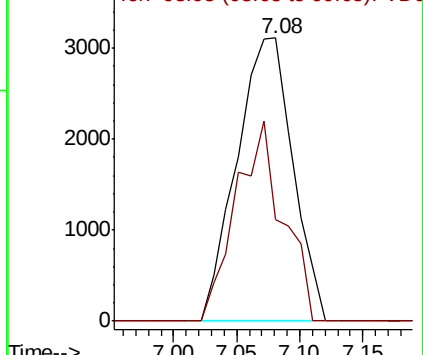
168 100

99 36.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 85.425 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

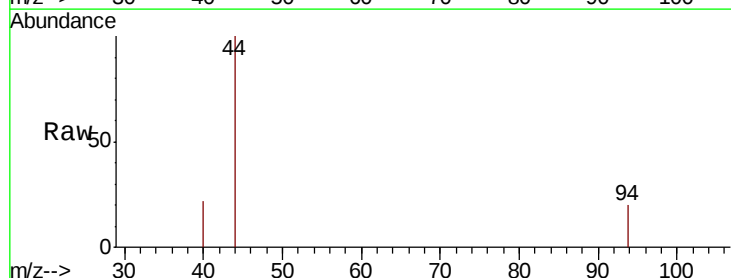
Tgt Ion: 94 Resp: 1307

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

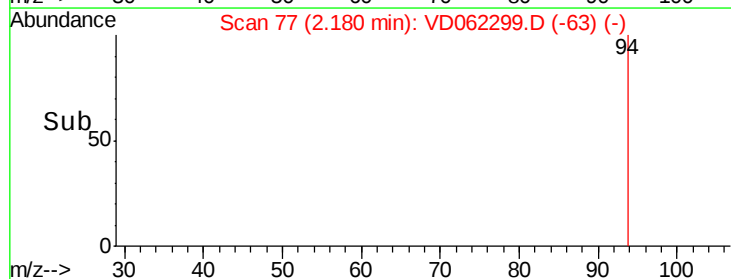
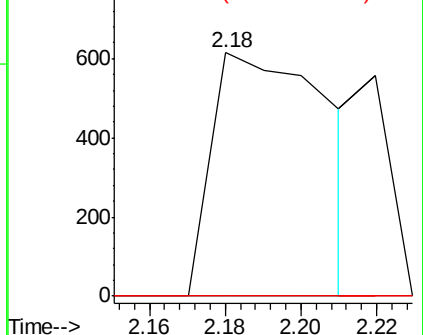
93 100.0 18.5 27.7#

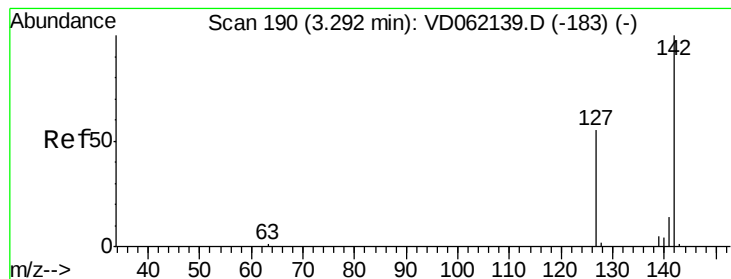


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#10

Methvl Iodide

Concen: 7.048 ug/l

RT: 3.35 min Scan# 196

Delta R.T. 0.06 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

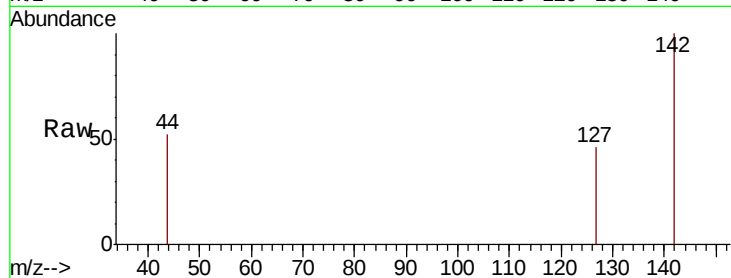
Tot Ion:142 Resp: 1023

Ion Ratio Lower Upper

142 100

127 45.6 38.8 58.2

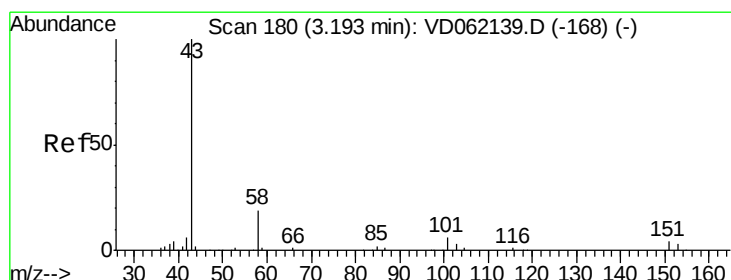
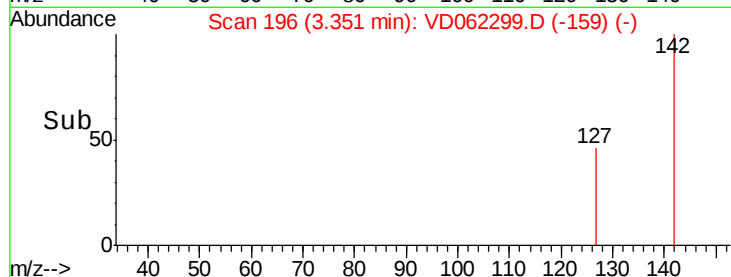
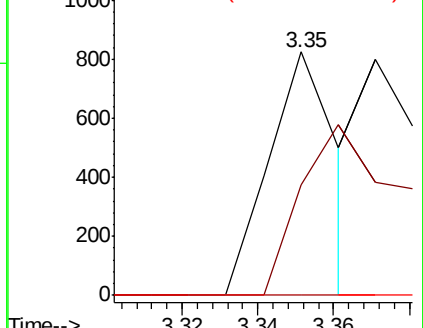
141 0.0 11.4 17.0#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



#16

Acetone

Concen: 90.145 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062299.D

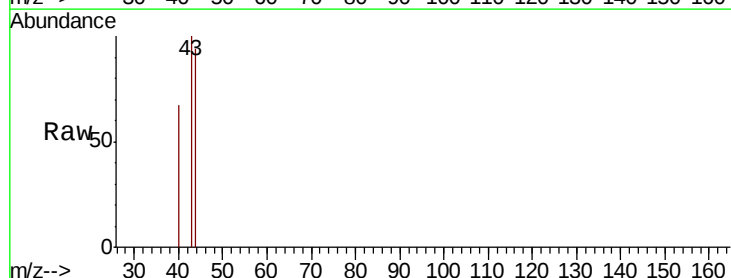
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

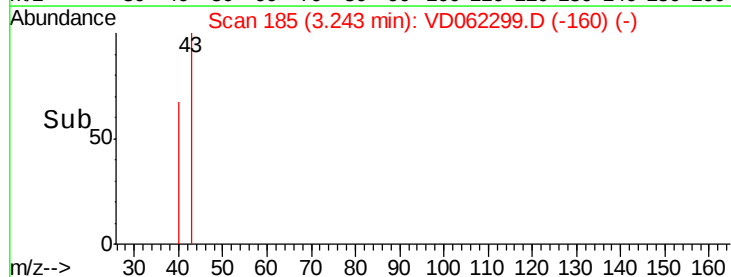
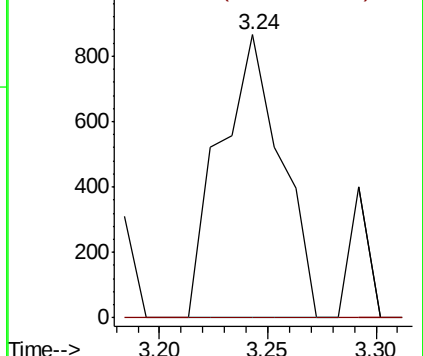
43 100

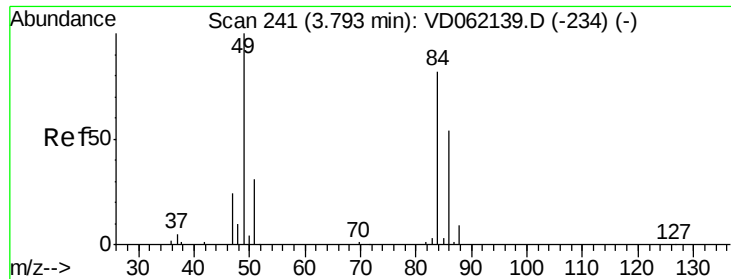
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 57.95 (57.65 to 58.65): V

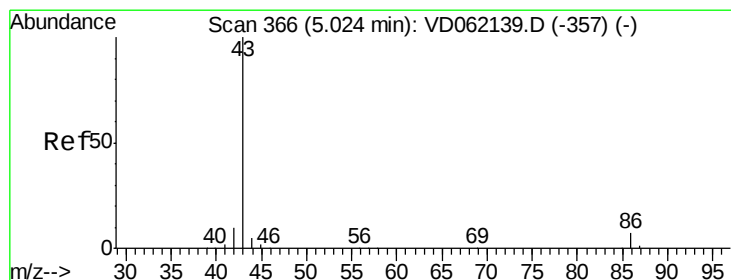
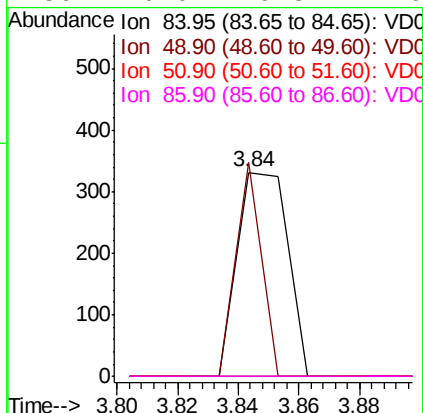
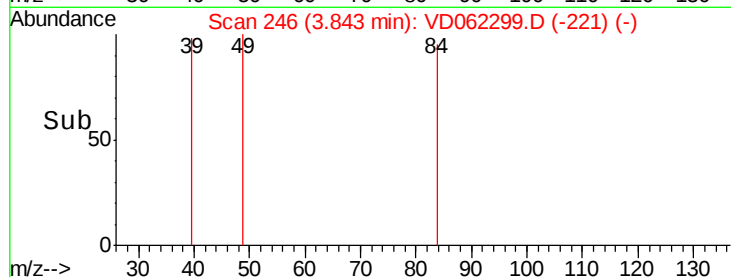
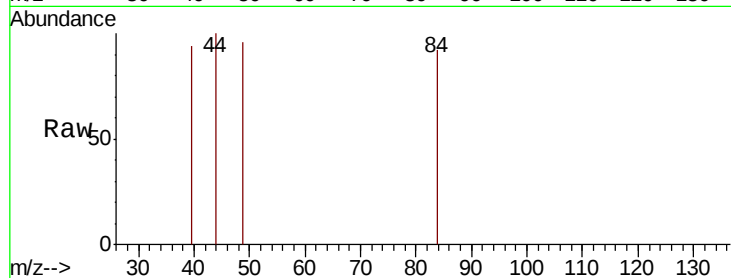




#20
Methylene Chloride
Concen: 4.947 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.05 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

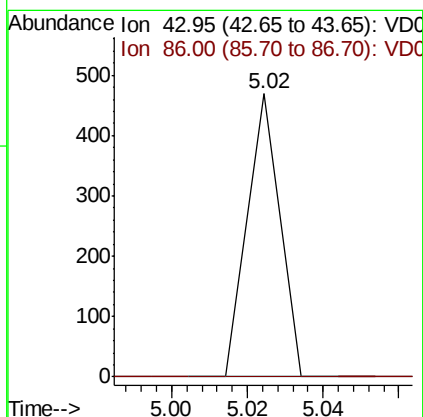
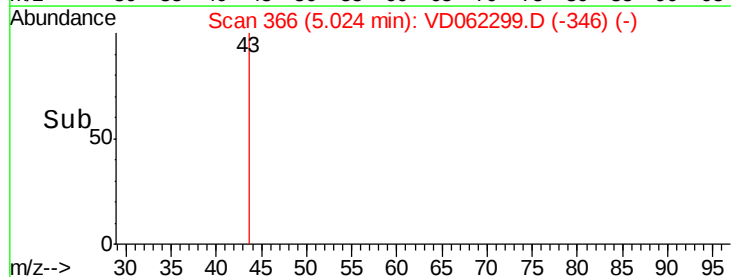
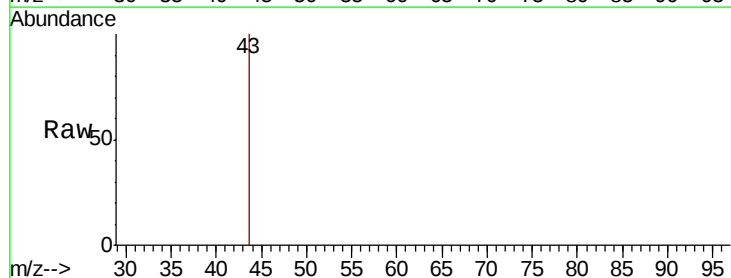
Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0002-01

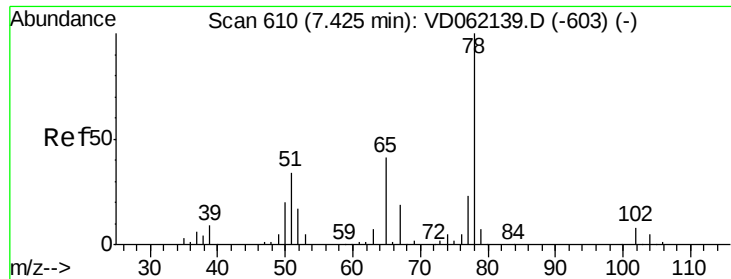
Tot Ion: 84 Resp: 387
Ion Ratio Lower Upper
84 100
49 104.8 94.0 141.0
51 0.0 29.0 43.4#
86 0.0 49.8 74.6#



#23
Vinyl Acetate
Concen: 2.315 ug/l
RT: 5.02 min Scan# 366
Delta R.T. 0.00 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
86 0.0 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 119.101 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

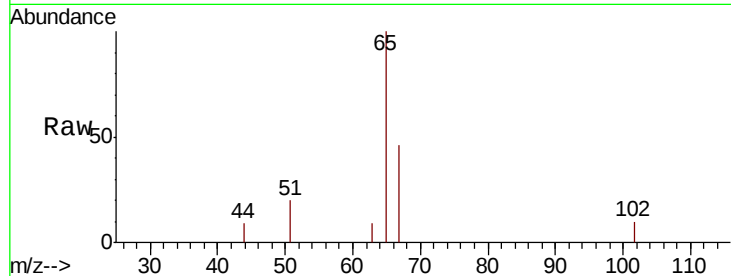
P026-SS007-0002-01

Tot Ion: 65 Resp: 10641

Ion Ratio Lower Upper

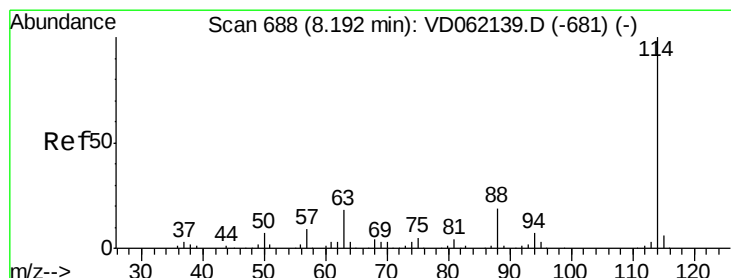
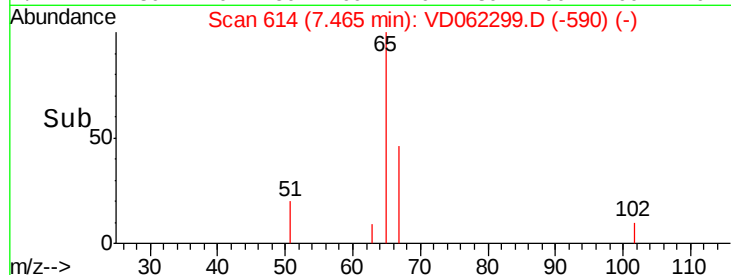
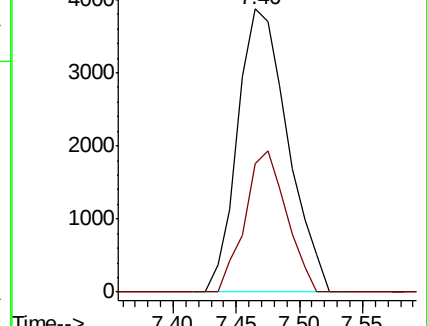
65 100

67 45.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

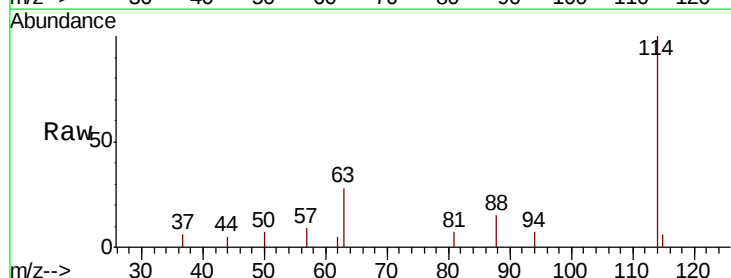
Tgt Ion: 114 Resp: 17869

Ion Ratio Lower Upper

114 100

63 27.6 0.0 32.4

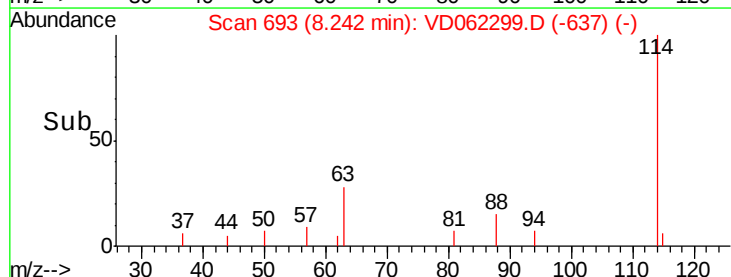
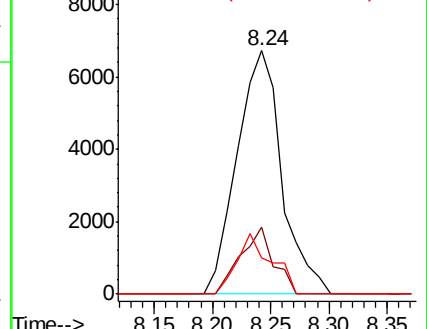
88 14.7 0.0 33.6

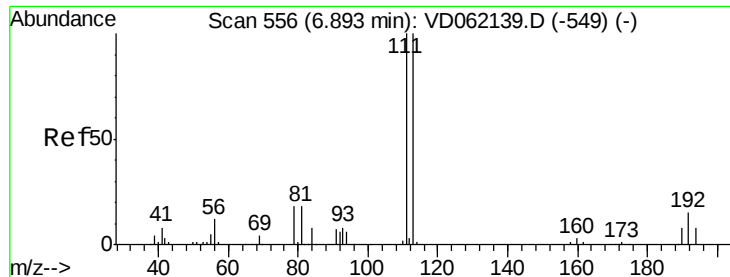


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.357 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

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ClientSampleId :

P026-SS007-0002-01

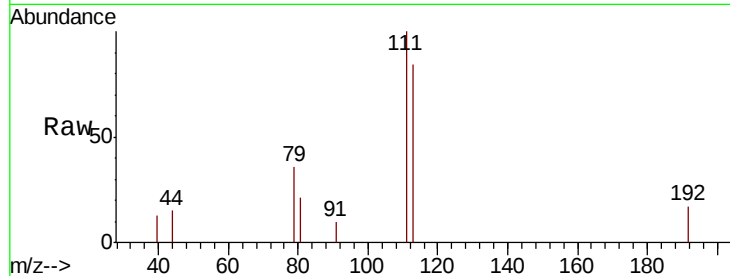
Tot Ion:113 Resp: 7466

Ion Ratio Lower Upper

113 100

111 118.9 78.5 117.7#

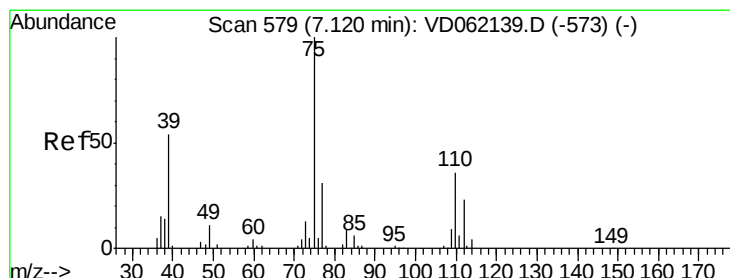
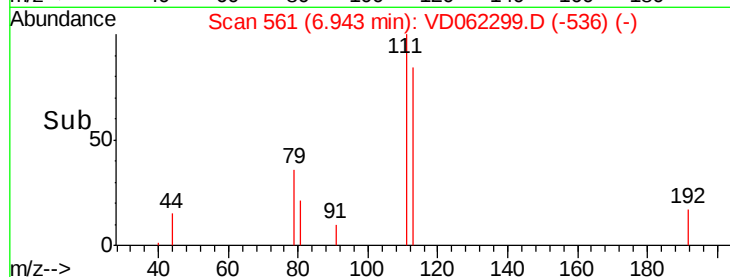
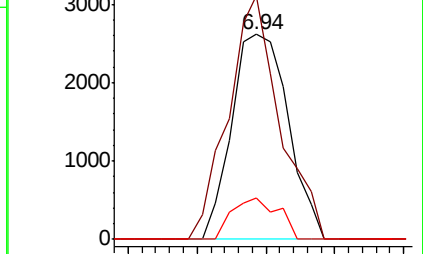
192 19.9 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 2.061 ug/l

RT: 7.08 min Scan# 575

Delta R.T. -0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

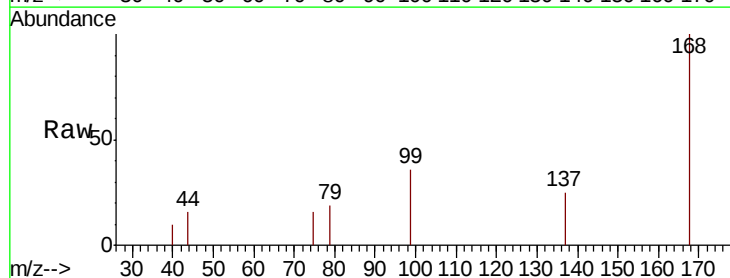
Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.1#

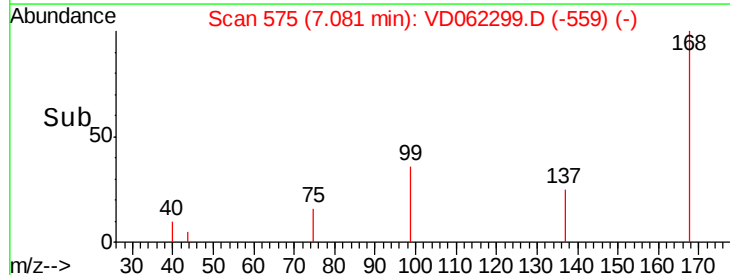
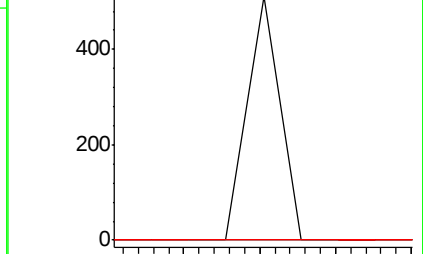
77 0.0 25.6 38.4#

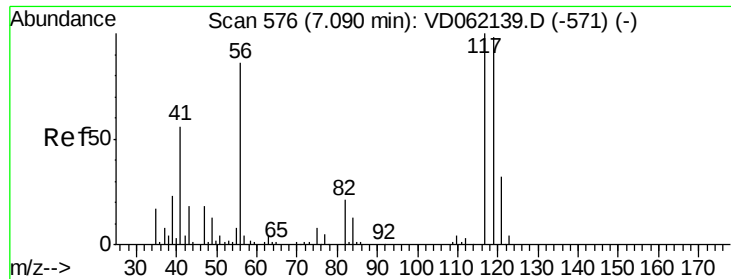


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

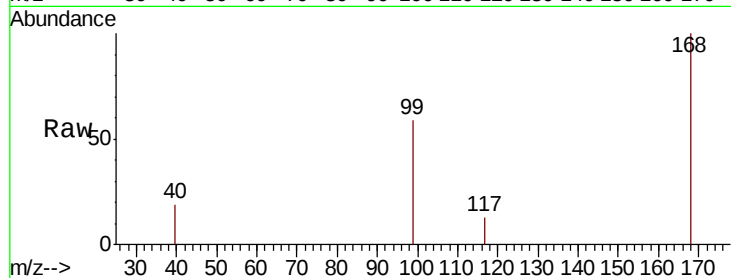




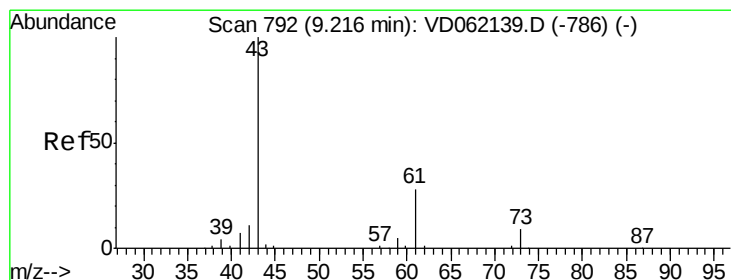
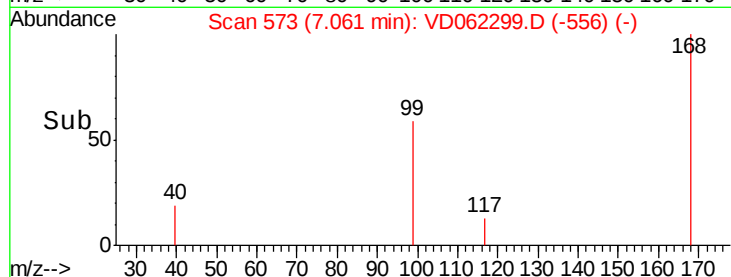
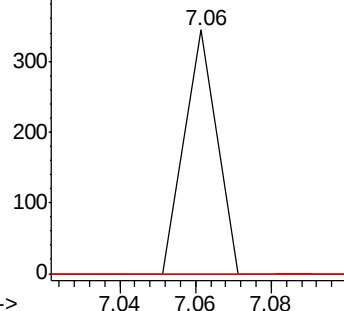
#38
Carbon Tetrachloride
Concen: 1.001 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Instrument :
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P026-SS007-0002-01

Tot Ion:117 Resp: 203
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

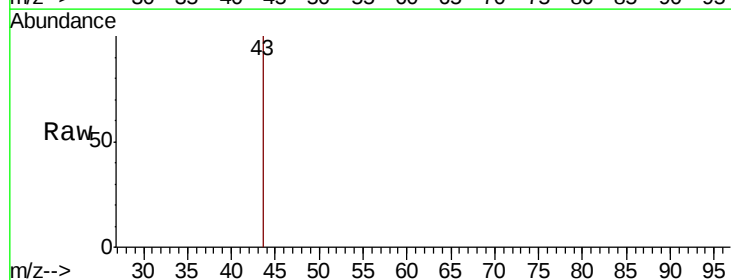


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

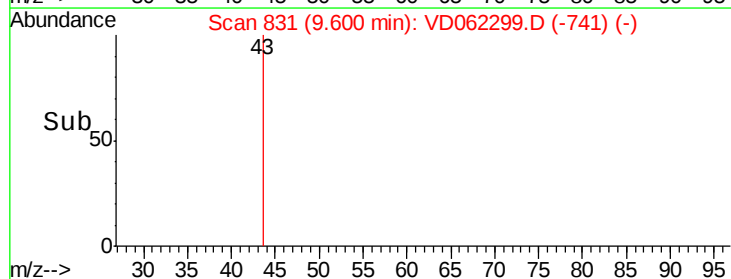
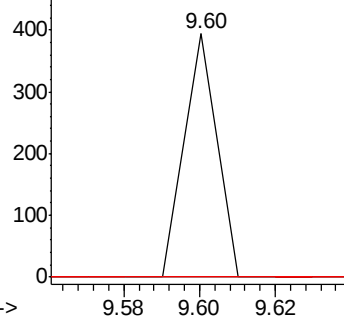


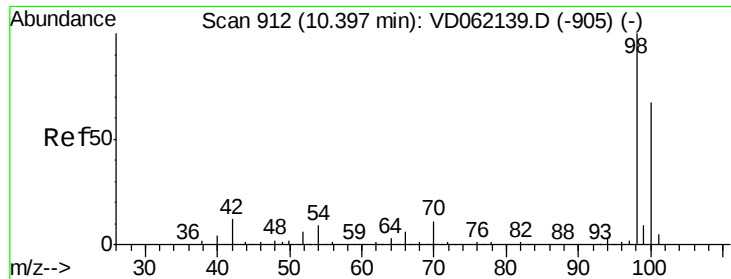
#43
Isopropyl Acetate
Concen: 2.644 ug/l
RT: 9.60 min Scan# 831
Delta R.T. 0.38 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
61 0.0 25.1 37.7#
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

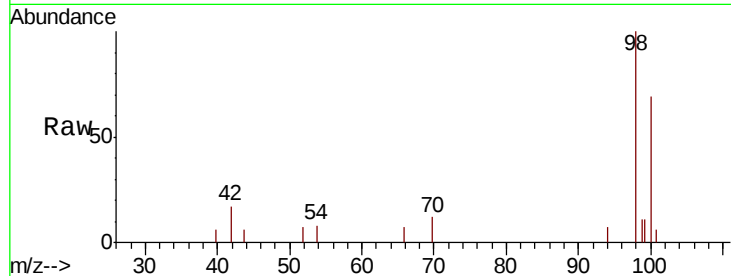




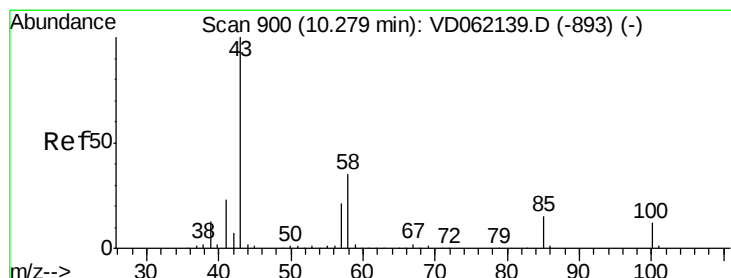
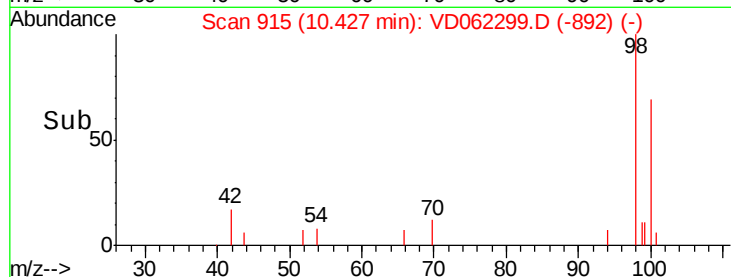
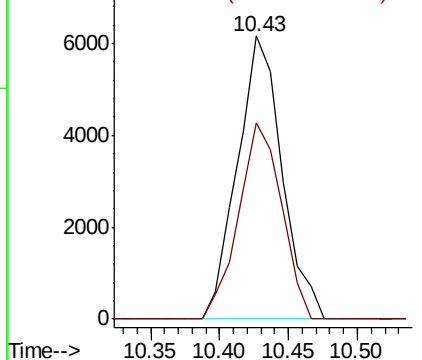
#50
Toluene-d8
Concen: 38.893 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0002-01

Tot Ion: 98 Resp: 13903
Ion Ratio Lower Upper
98 100
100 69.2 53.8 80.8

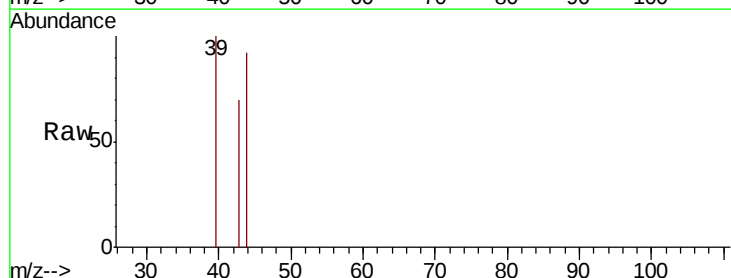


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

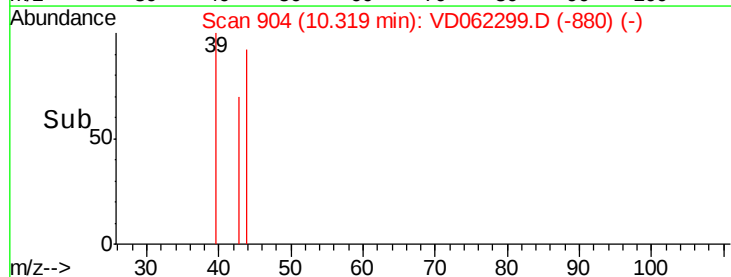
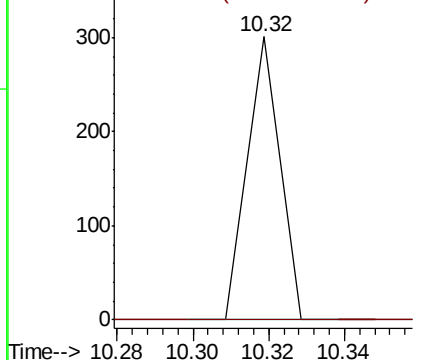


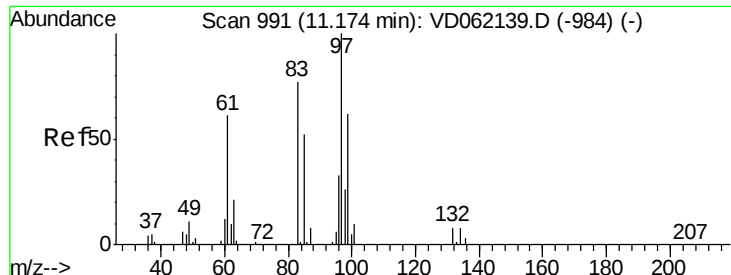
#51
4-Methyl-2-Pentanone
Concen: 3.143 ug/l
RT: 10.32 min Scan# 904
Delta R.T. 0.04 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD0
Ion 57.95 (57.65 to 58.65): VD0

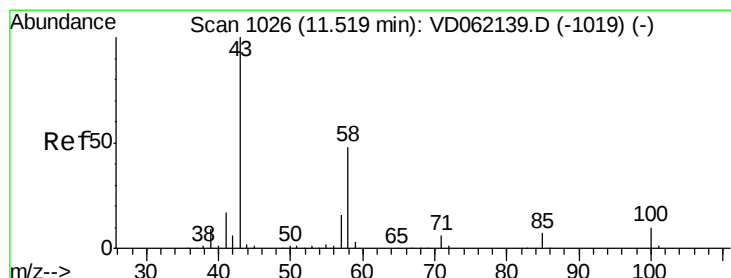
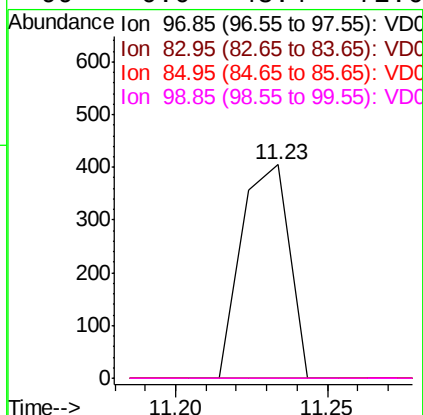
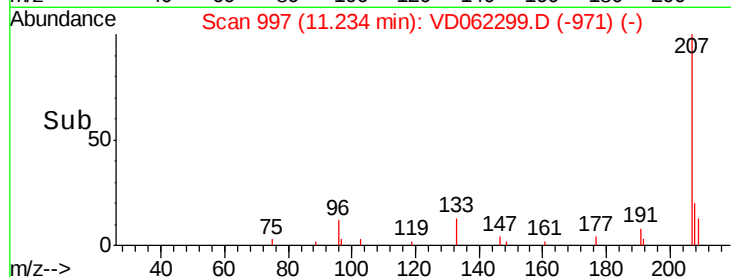
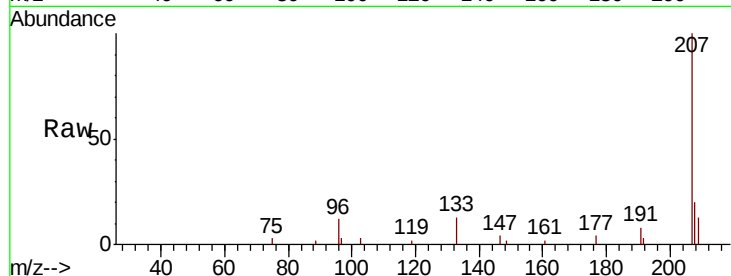




#55
 1,1,2-Trichloroethane
 Concen: 5.895 ug/l
 RT: 11.23 min Scan# 997
 Delta R.T. 0.06 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

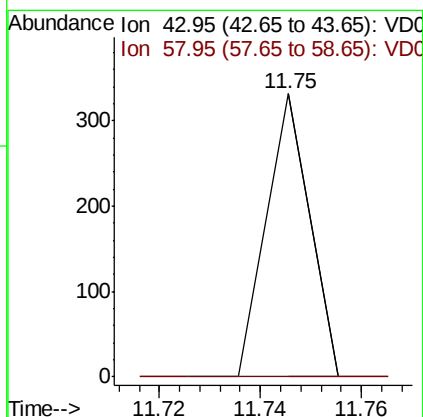
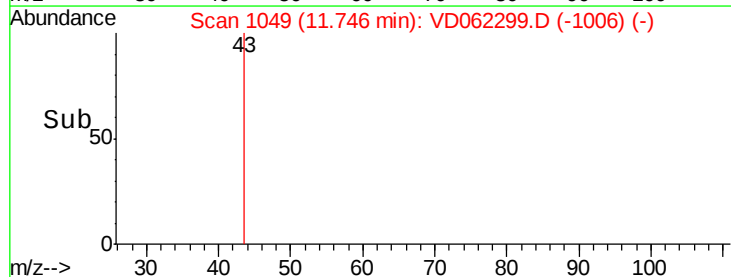
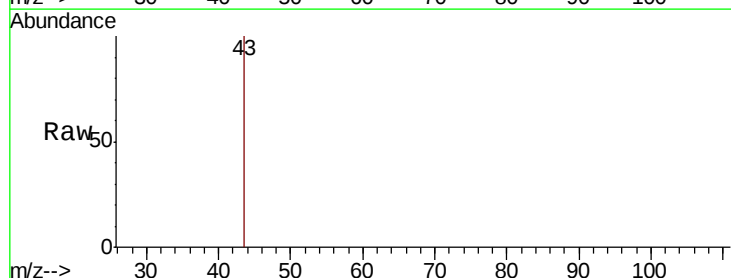
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

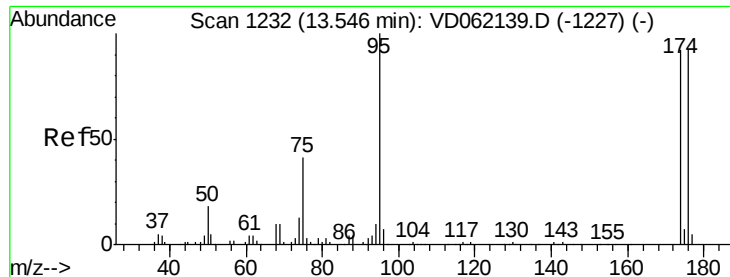
Tot Ion: 97 Resp: 449
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.7 98.5#
 85 0.0 45.6 68.4#
 99 0.0 48.4 72.6#



#59
 2-Hexanone
 Concen: 4.695 ug/l
 RT: 11.75 min Scan# 1049
 Delta R.T. 0.23 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 196
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 76.4#

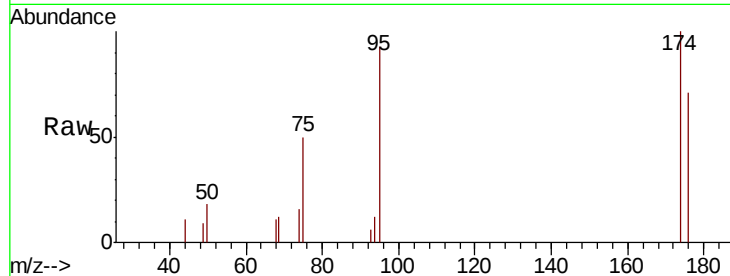




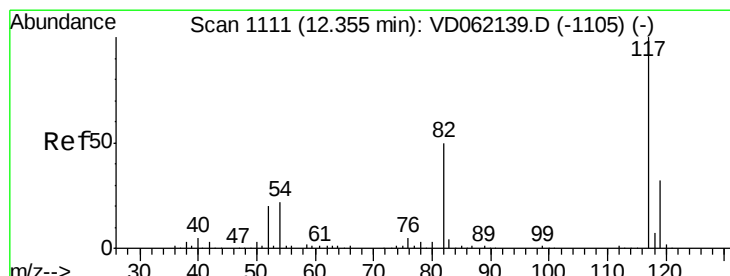
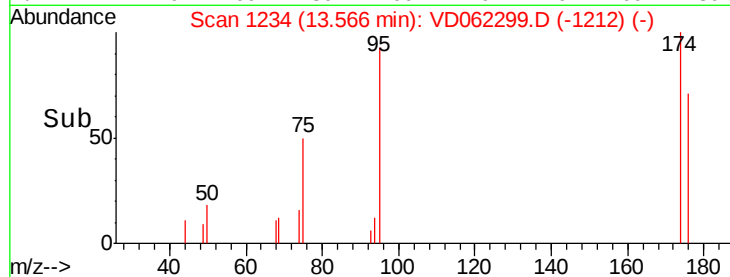
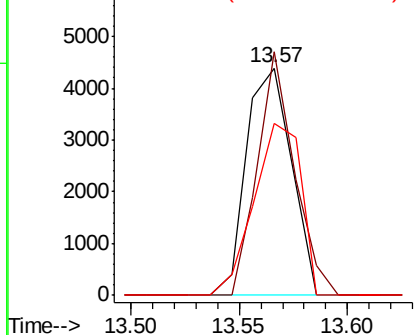
#62
4-Bromofluorobenzene
Concen: 44.209 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0002-01

Tot Ion: 95 Resp: 6346
Ion Ratio Lower Upper
95 100
174 107.0 0.0 181.8
176 75.7 0.0 174.4

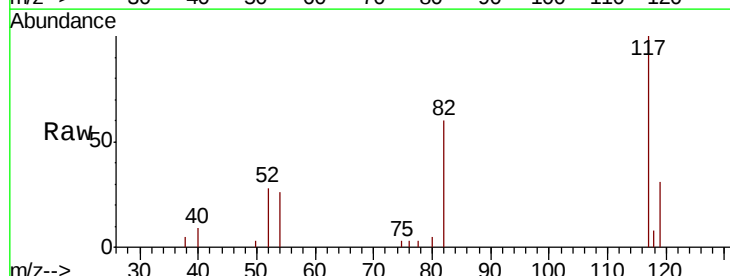


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

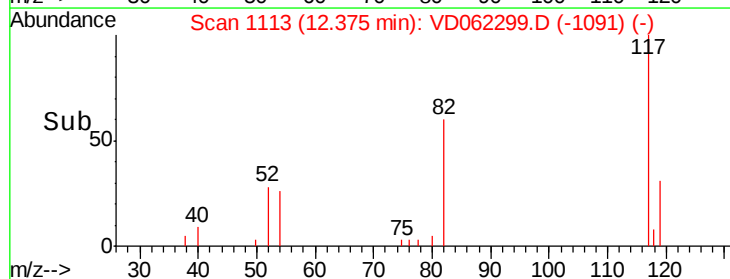
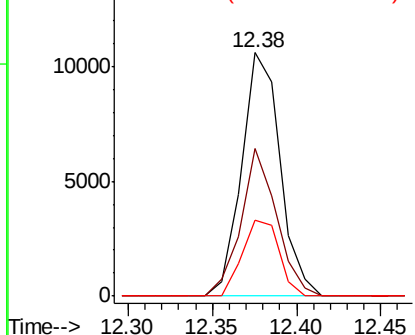


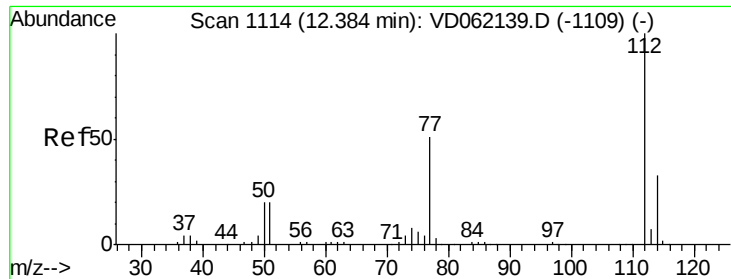
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Tgt Ion: 117 Resp: 16760
Ion Ratio Lower Upper
117 100
82 60.4 36.2 54.2#
119 31.1 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#65

Chlorobenzene

Concen: 1.499 ug/l

RT: 12.41 min Scan# 1117

Delta R.T. 0.03 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

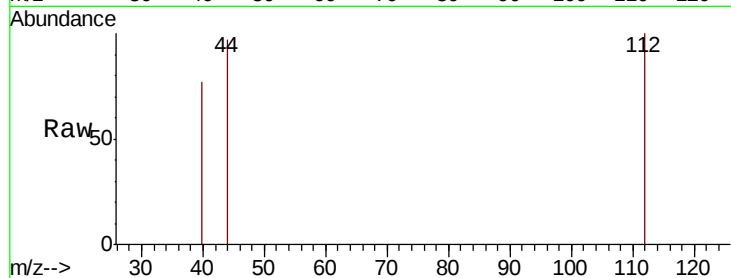
P026-SS007-0002-01

Tot Ion:112 Resp: 468

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

12.41

400

300

200

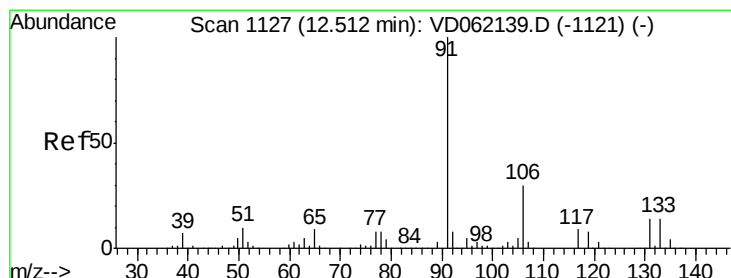
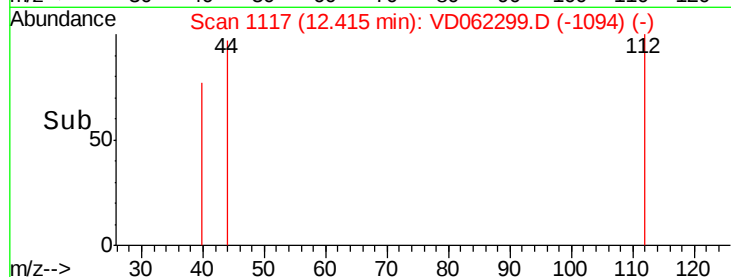
100

0

12.40

12.45

Time-->



#67

Ethyl Benzene

Concen: 1.607 ug/l

RT: 12.53 min Scan# 1129

Delta R.T. 0.02 min

Lab File: VD062299.D

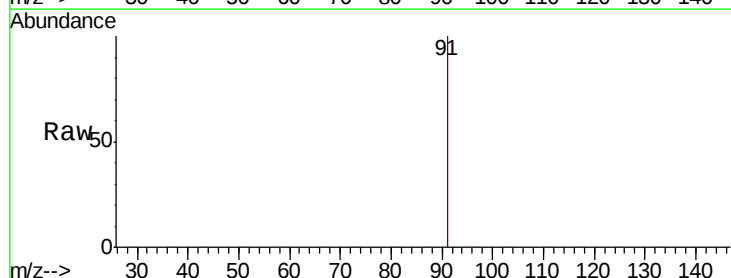
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 840

Ion Ratio Lower Upper

91 100

106 0.0 24.7 37.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

12.53

600

400

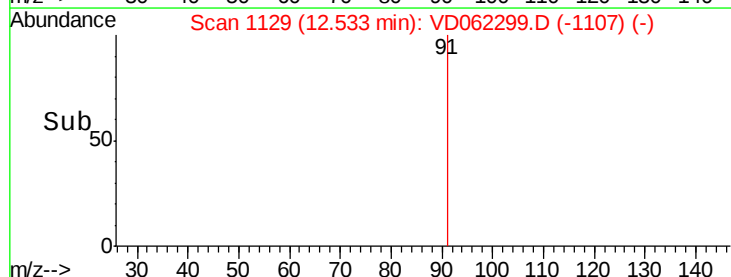
200

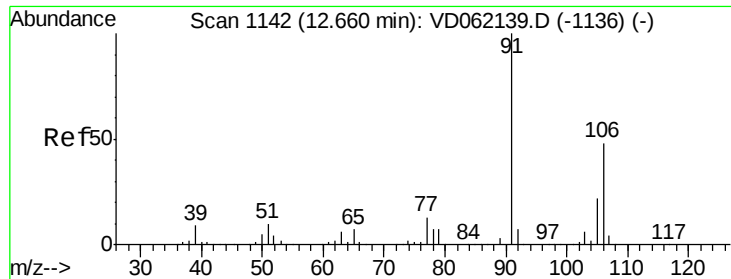
0

12.50

12.55

Time-->

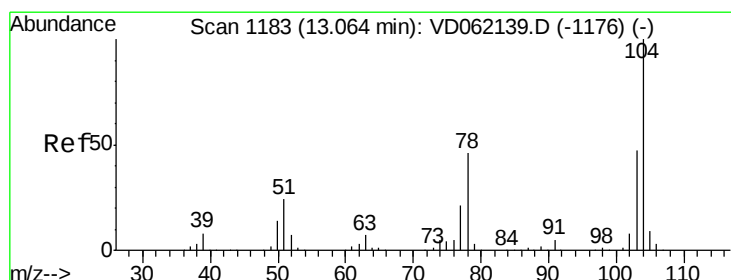
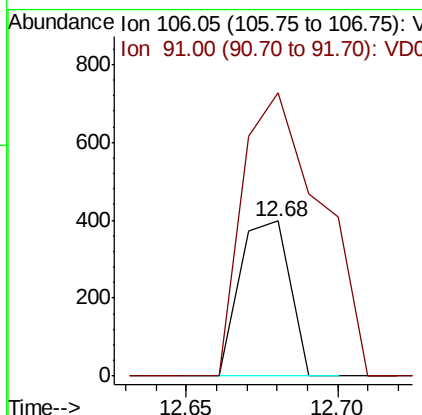
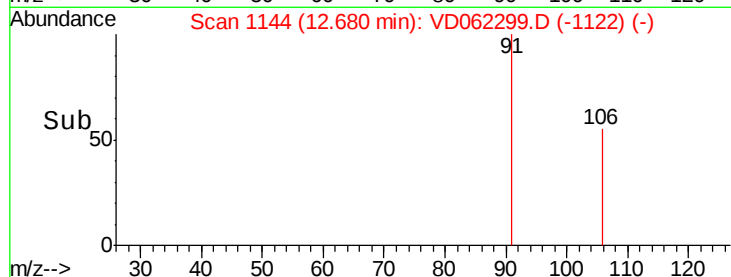
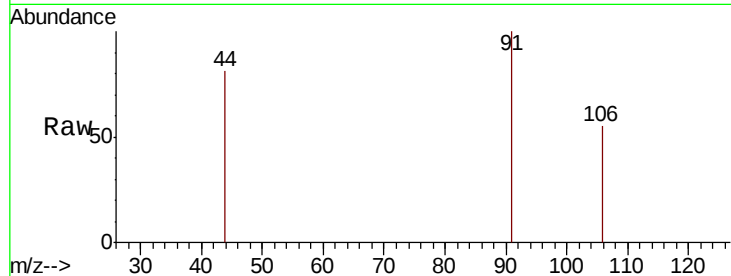




#68
m/p-Xvlenes
Concen: 2.393 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

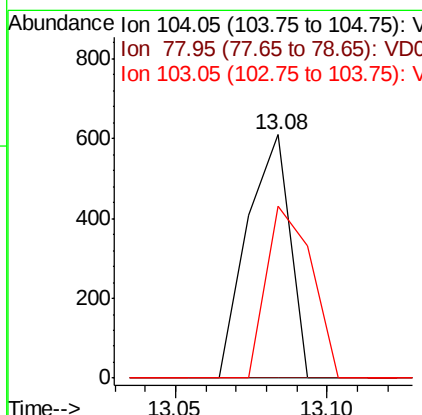
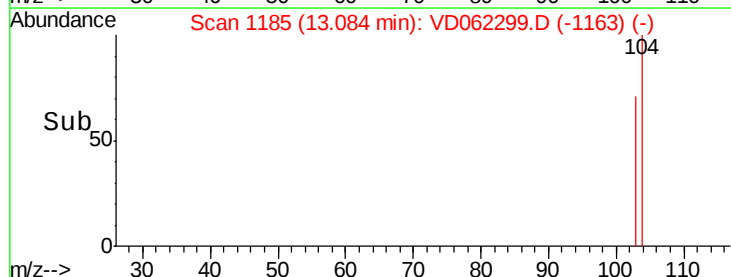
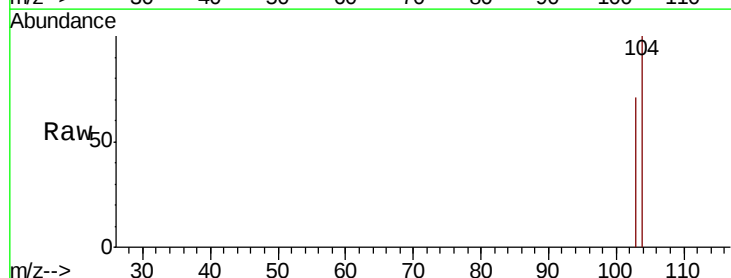
Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0002-01

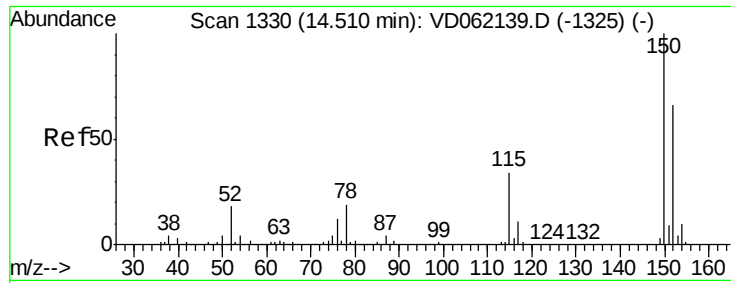
Tot Ion:106 Resp: 455
Ion Ratio Lower Upper
106 100
91 182.7 164.0 246.0



#70
Styrene
Concen: 2.004 ug/l
RT: 13.08 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VD062299.D
Acq: 13 May 2019 12:40

Tgt Ion:104 Resp: 600
Ion Ratio Lower Upper
104 100
78 0.0 35.4 53.2#
103 70.7 37.5 56.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

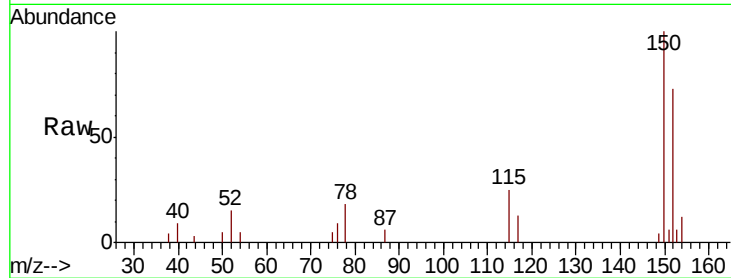
Tot Ion:152 Resp: 9002

Ion Ratio Lower Upper

152 100

115 34.0 30.9 92.7

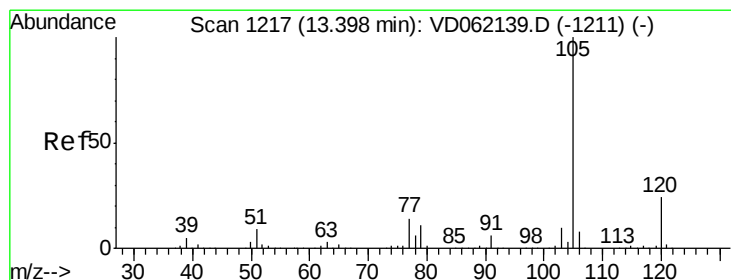
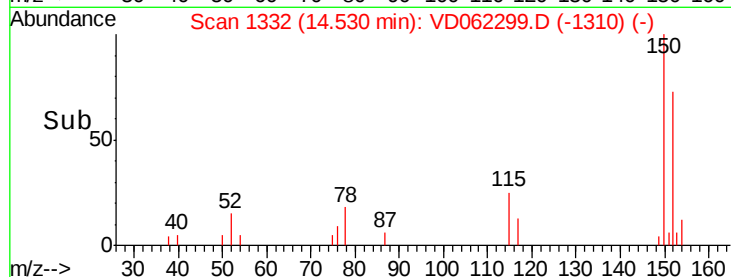
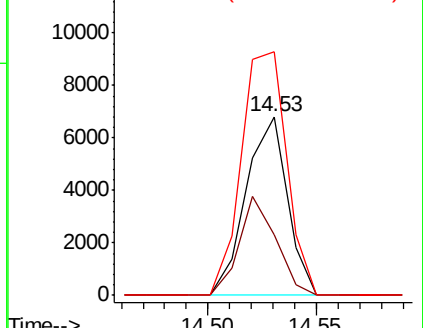
150 136.5 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.647 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062299.D

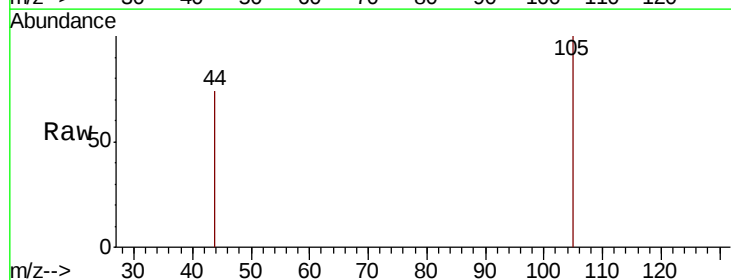
Acq: 13 May 2019 12:40

Tgt Ion:105 Resp: 889

Ion Ratio Lower Upper

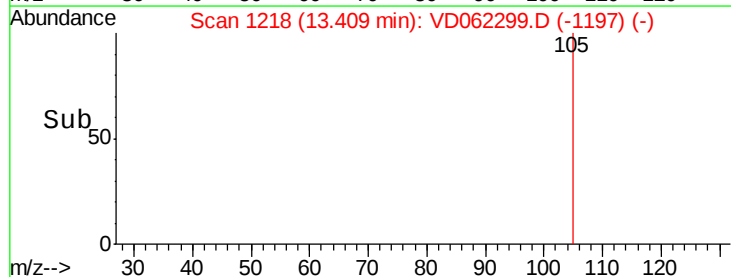
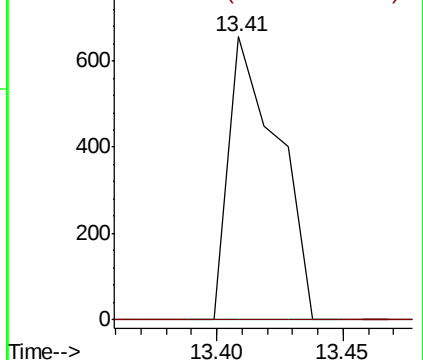
105 100

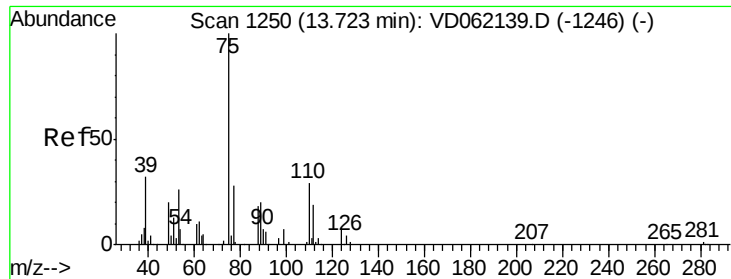
120 0.0 12.0 36.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#76

1,2,3-Trichloropropane

Concen: 25.322 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

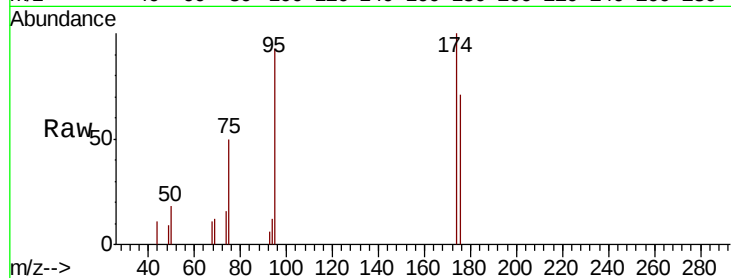
P026-SS007-0002-01

Tot Ion: 75 Resp: 2709

Ion Ratio Lower Upper

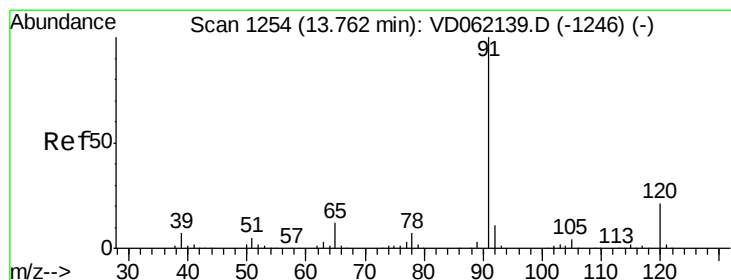
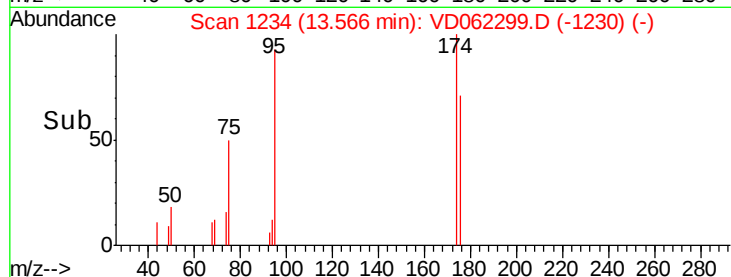
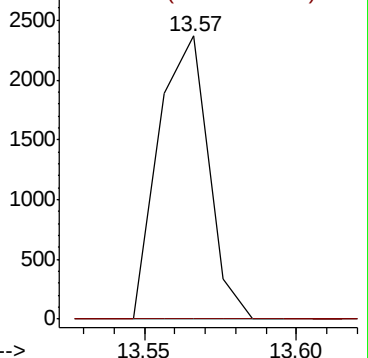
75 100

77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#78

n-propylbenzene

Concen: 1.829 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD062299.D

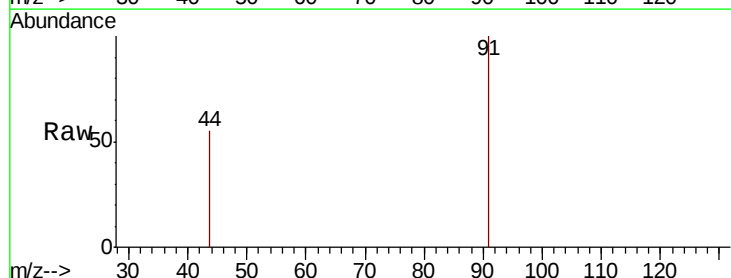
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 1177

Ion Ratio Lower Upper

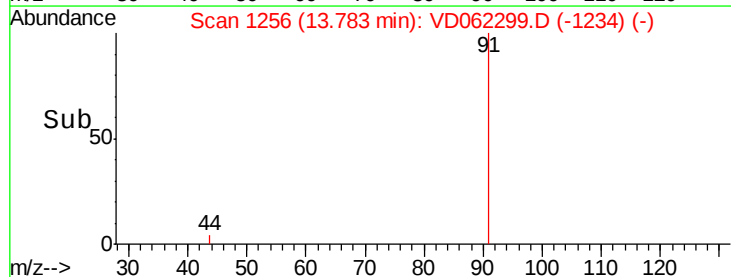
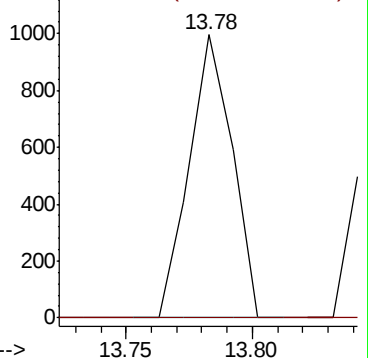
91 100

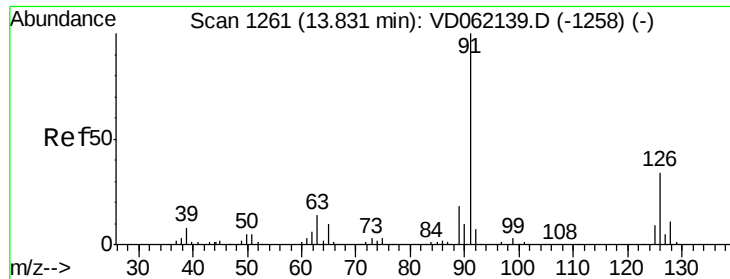
120 0.0 11.1 33.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

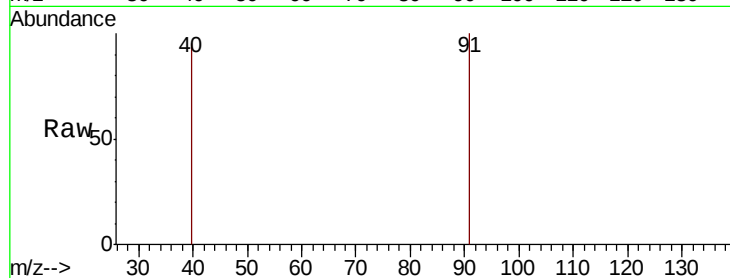




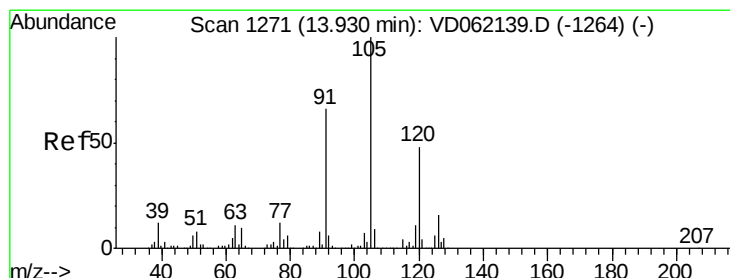
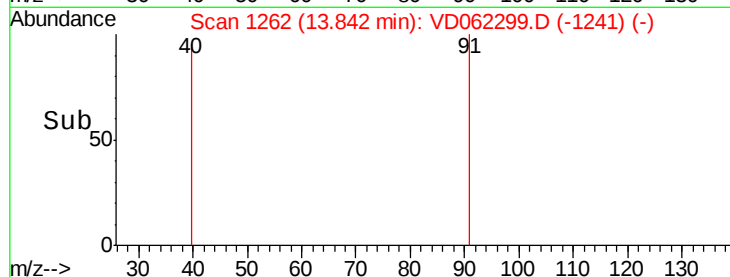
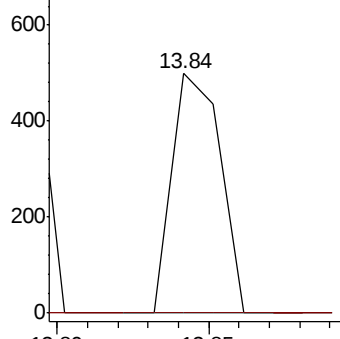
#79
 2-Chlorotoluene
 Concen: 1.495 ug/l
 RT: 13.84 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

Tot Ion: 91 Resp: 551
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.6 55.8#

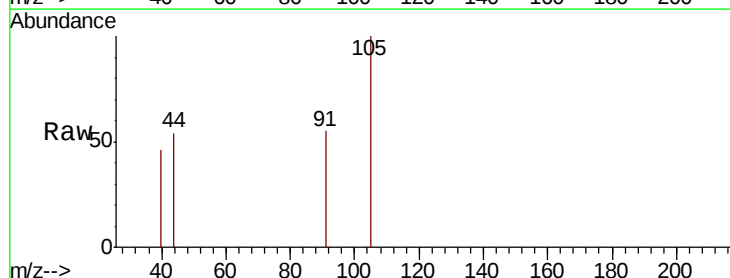


Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 125.95 (125.65 to 126.65): V

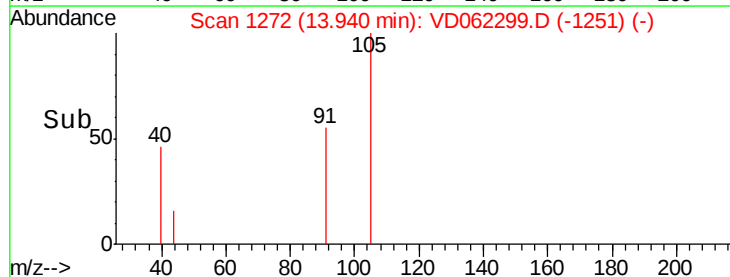
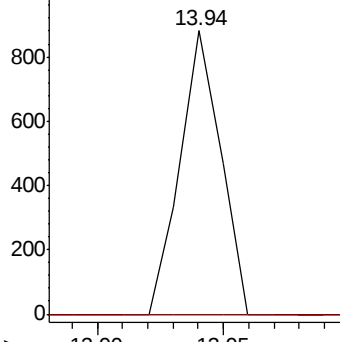


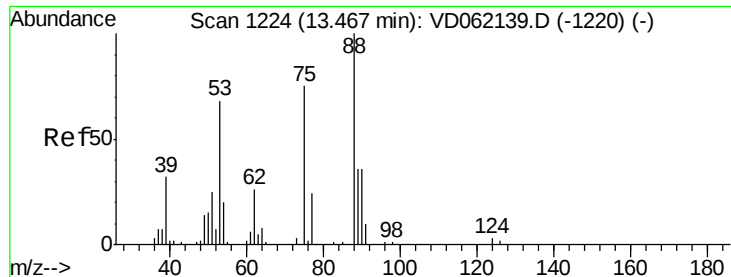
#80
 1,3,5-Trimethylbenzene
 Concen: 2.181 ug/l
 RT: 13.94 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Tgt Ion: 105 Resp: 991
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 89.731 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

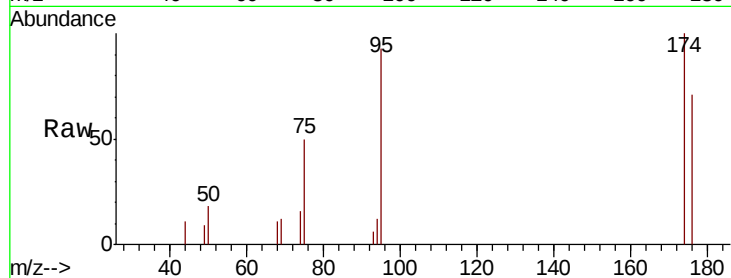
Tot Ion: 75 Resp: 2710

Ion Ratio Lower Upper

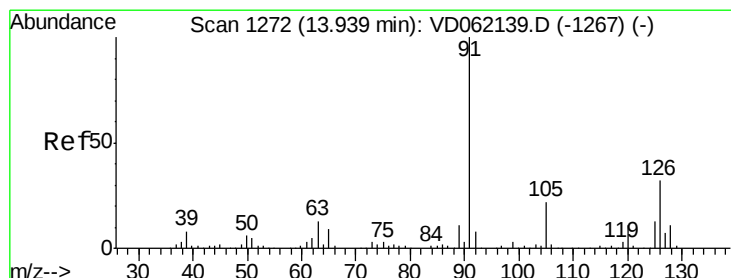
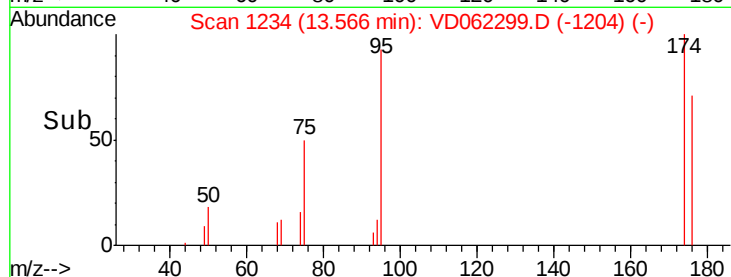
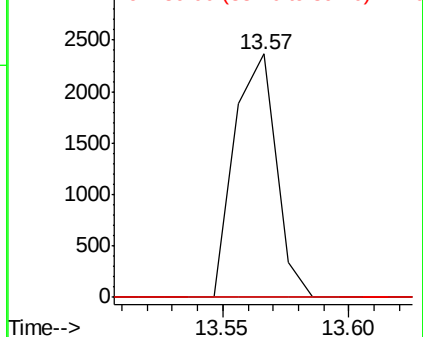
75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 3.582 ug/l

RT: 13.96 min Scan# 1274

Delta R.T. 0.02 min

Lab File: VD062299.D

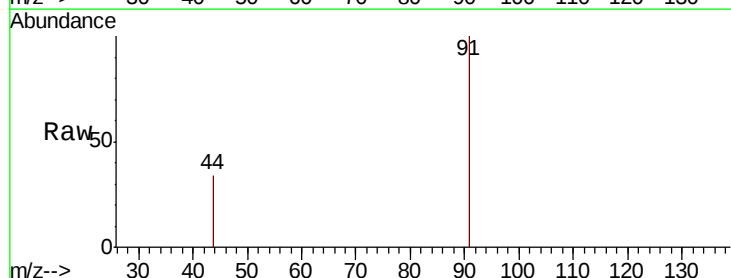
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 1554

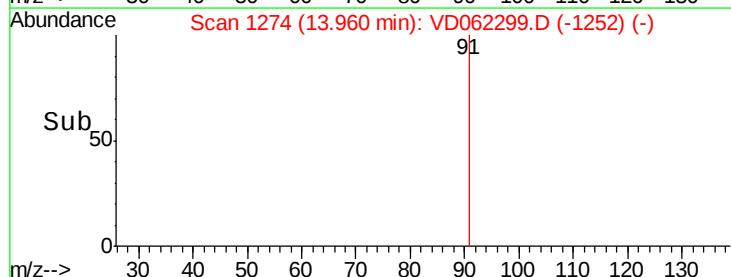
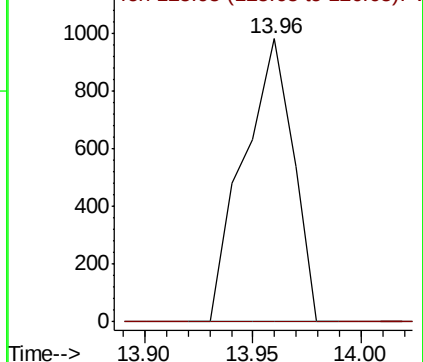
Ion Ratio Lower Upper

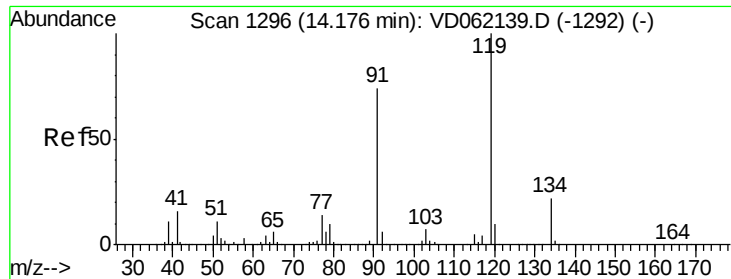
91 100

126 0.0 19.1 57.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 1.721 ug/l

RT: 14.20 min Scan# 1298

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

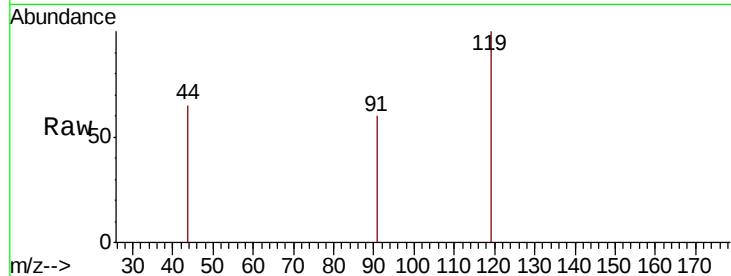
Tot Ion:119 Resp: 879

Ion Ratio Lower Upper

119 100

91 60.4 34.2 102.6

134 0.0 12.0 36.0#



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

14.20

800

600

400

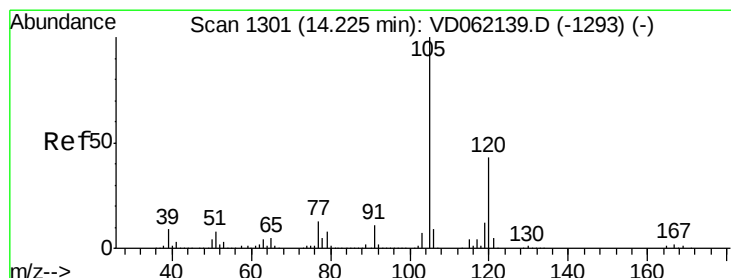
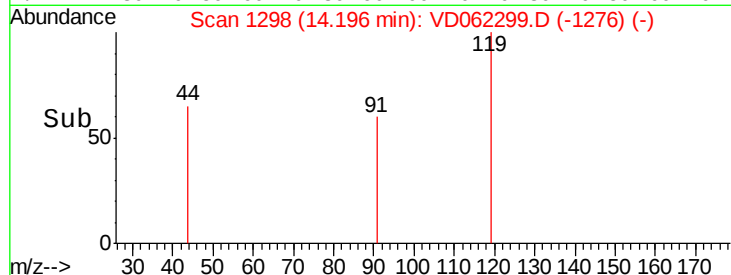
200

0

14.15

14.20

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 2.057 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.02 min

Lab File: VD062299.D

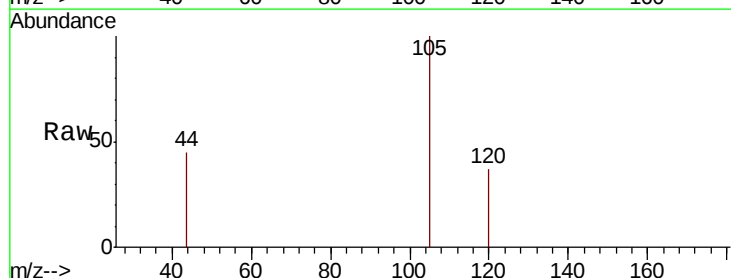
Acq: 13 May 2019 12:40

Tgt Ion:105 Resp: 938

Ion Ratio Lower Upper

105 100

120 37.2 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.25

1000

800

600

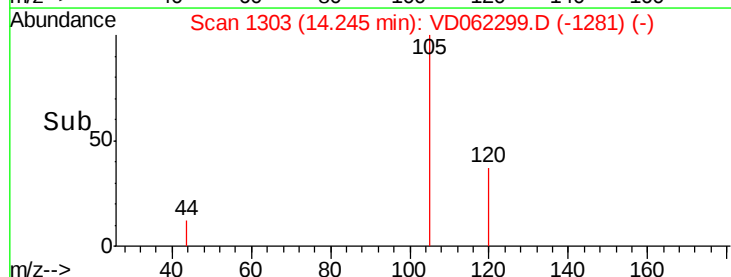
400

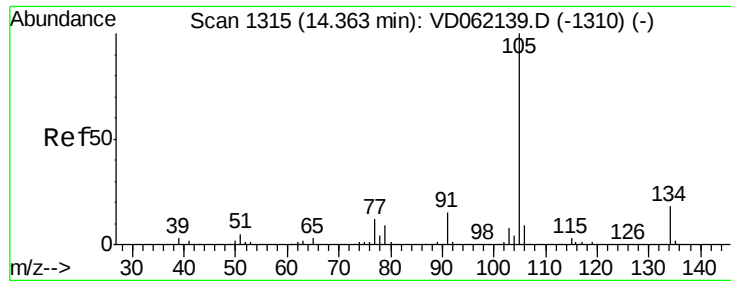
200

0

14.25

Time-->

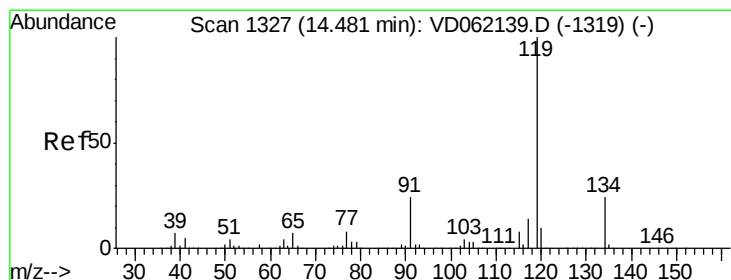
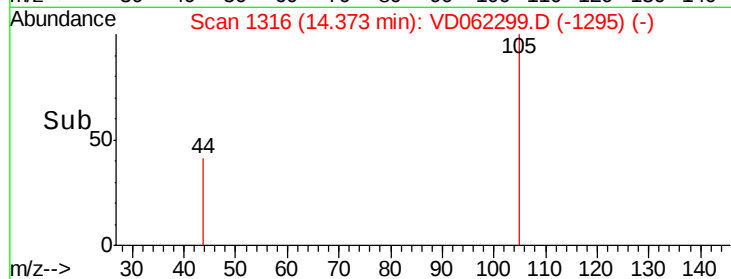
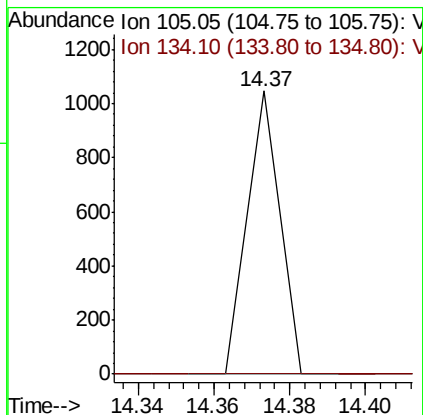
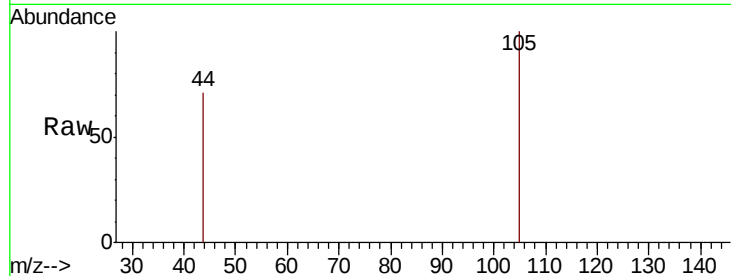




#85
 sec-Butylbenzene
 Concen: 1.104 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

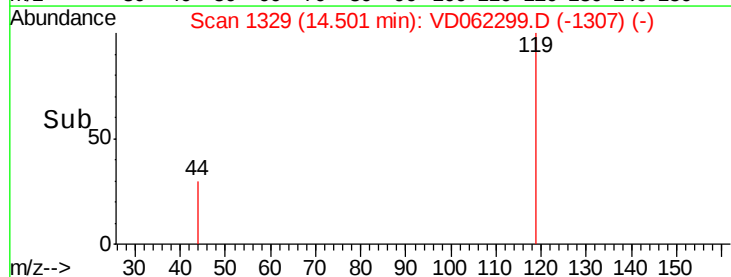
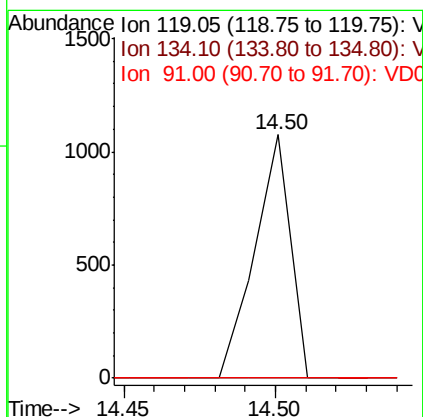
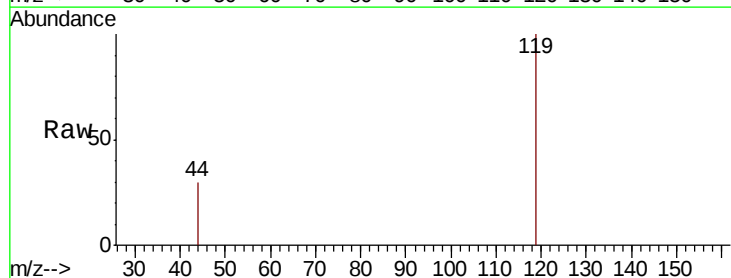
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

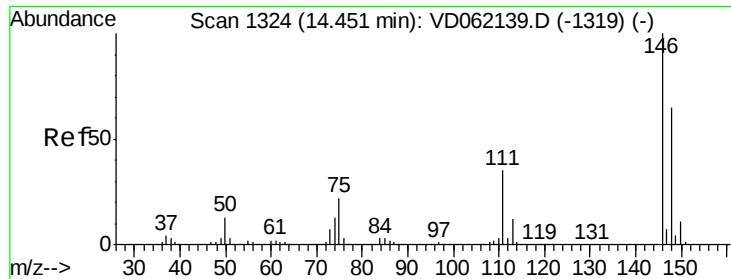
Tot Ion:105 Resp: 618
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#



#86
 p-Isopropyltoluene
 Concen: 1.777 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.02 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Tgt Ion:119 Resp: 889
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 10.7 32.1#

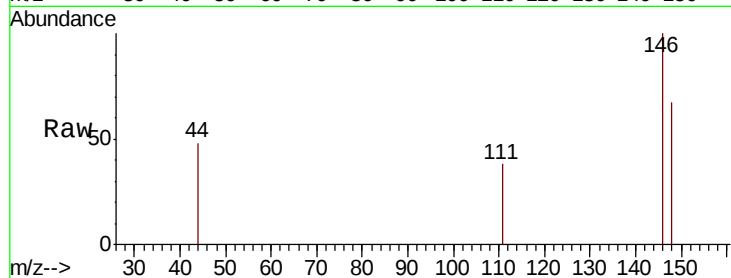




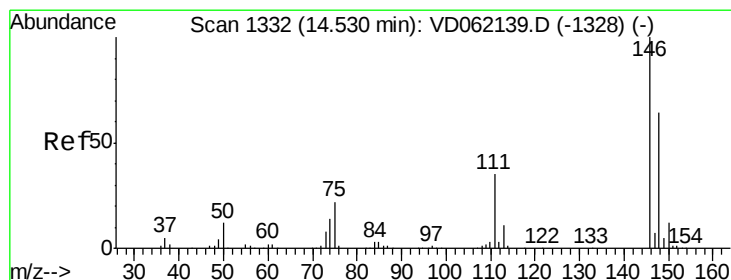
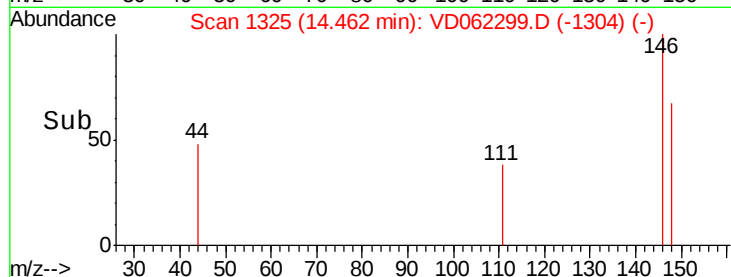
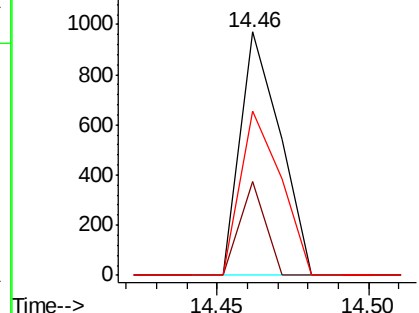
#87
 1,3-Dichlorobenzene
 Concen: 3.243 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

Tot Ion:146 Resp: 895
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 60.0
 148 67.5 31.8 95.4

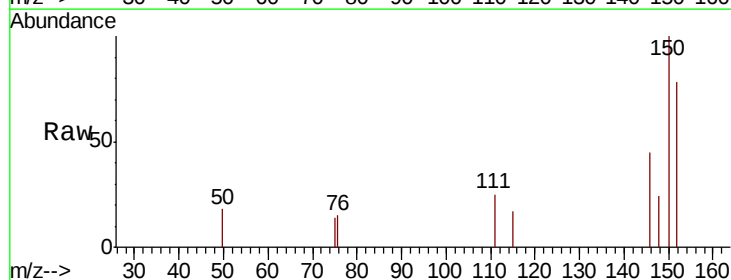


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

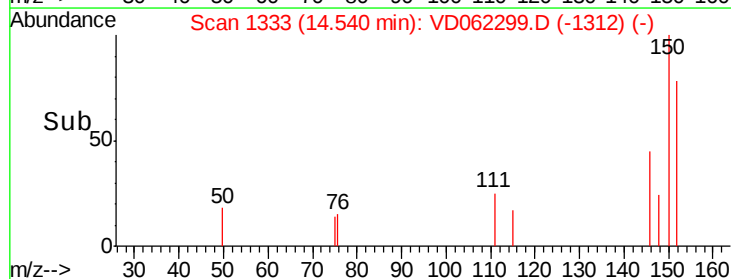
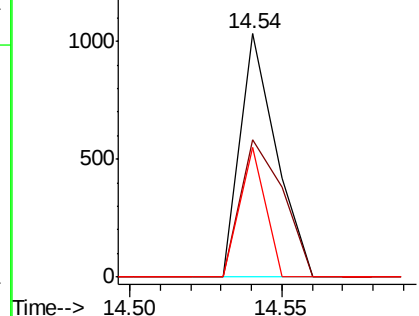


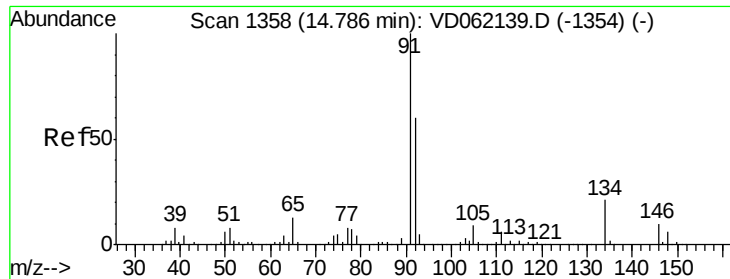
#88
 1,4-Dichlorobenzene
 Concen: 3.168 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Tgt Ion:146 Resp: 859
 Ion Ratio Lower Upper
 146 100
 111 56.6 20.2 60.5
 148 53.4 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 2.554 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

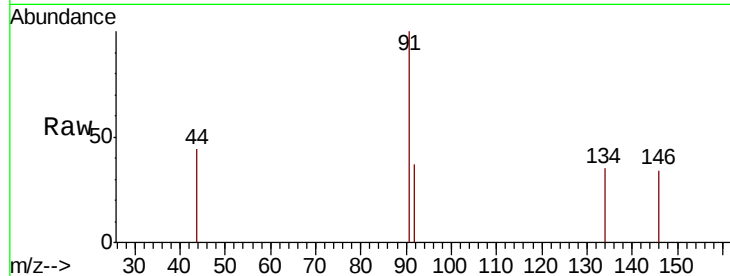
Tot Ion: 91 Resp: 1147

Ion Ratio Lower Upper

91 100

92 36.6 30.3 91.0

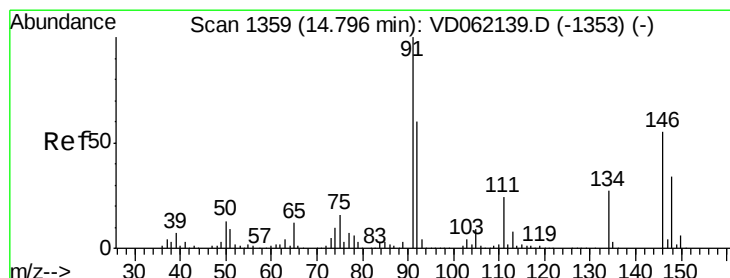
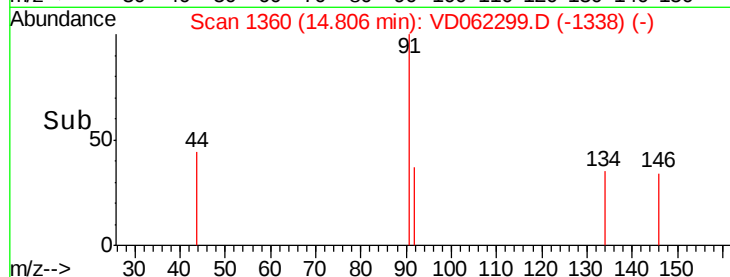
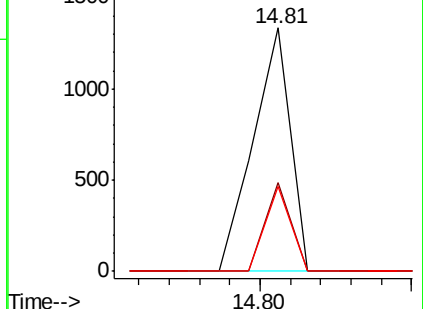
134 34.9 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#91

1,2-Dichlorobenzene

Concen: 3.793 ug/l

RT: 14.82 min Scan# 1361

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

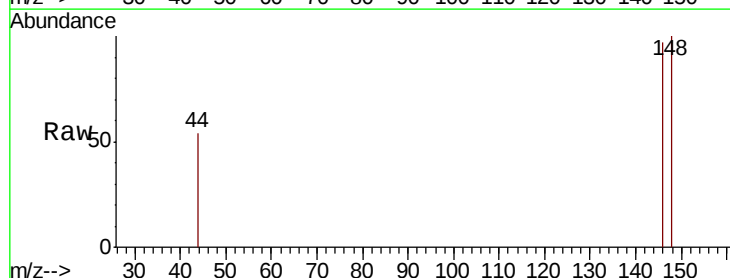
Tgt Ion: 146 Resp: 862

Ion Ratio Lower Upper

146 100

111 0.0 20.0 59.9#

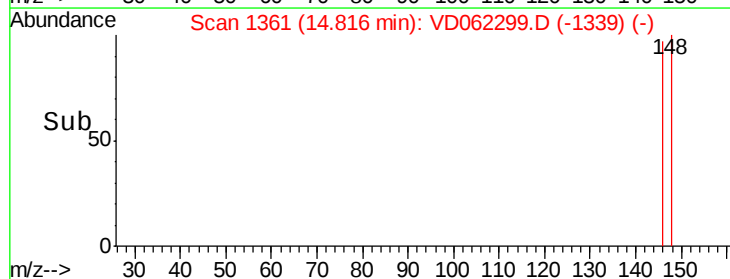
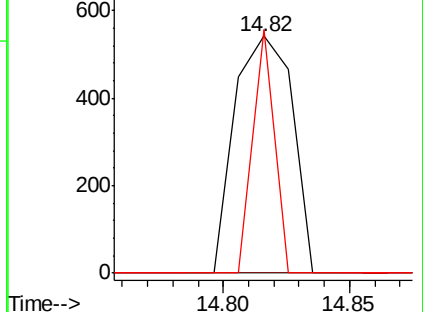
148 102.8 32.3 96.8#

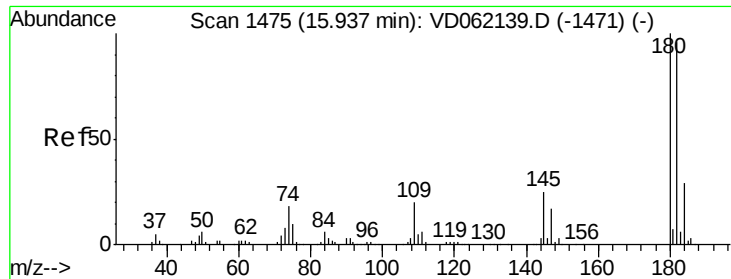


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

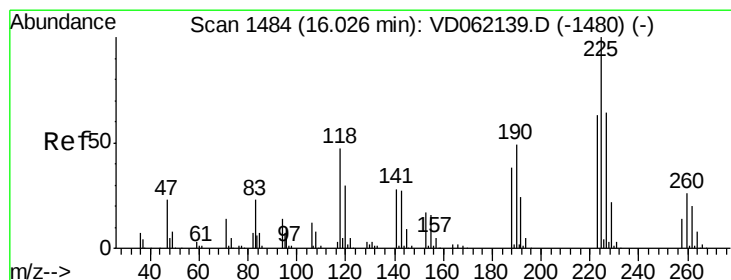
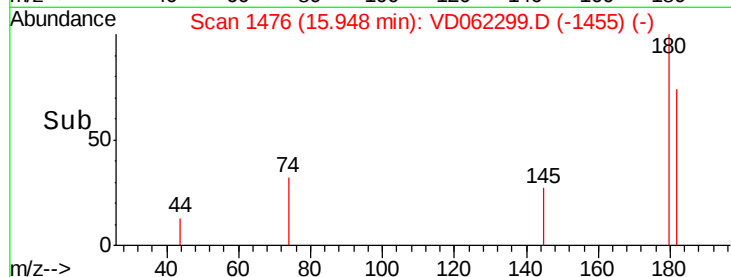
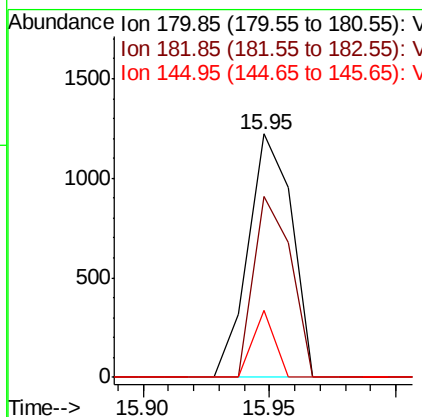
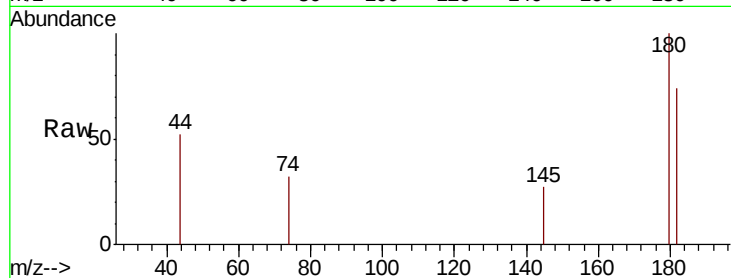




#93
 1,2,4-Trichlorobenzene
 Concen: 8.899 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

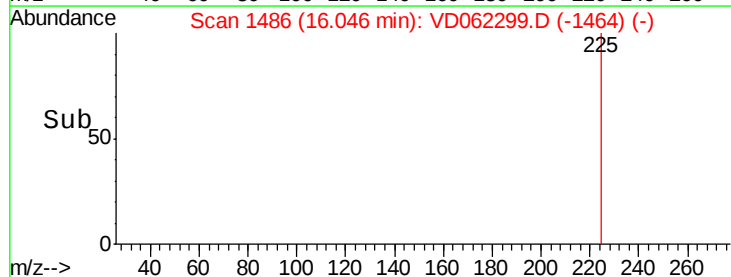
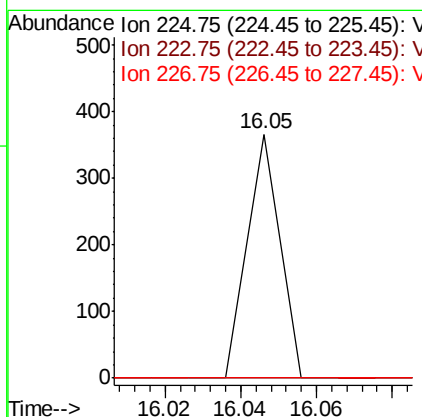
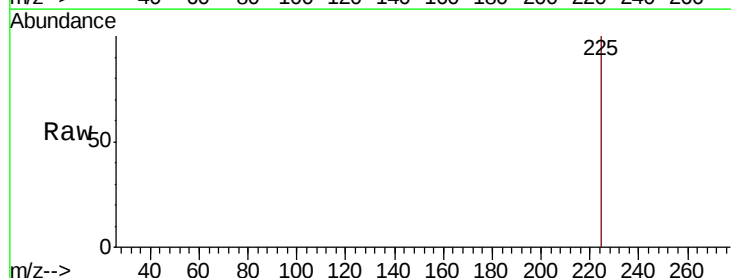
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0002-01

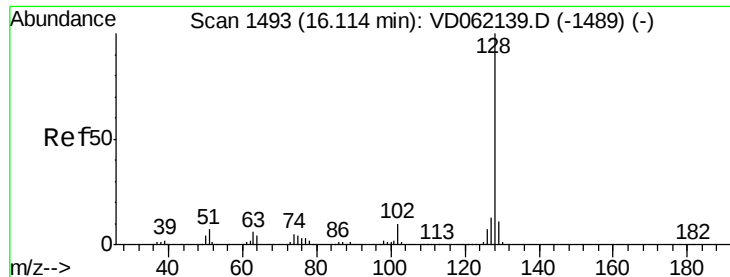
Tot Ion:180 Resp: 1472
 Ion Ratio Lower Upper
 180 100
 182 74.4 49.3 147.8
 145 27.5 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 1.756 ug/l
 RT: 16.05 min Scan# 1486
 Delta R.T. 0.02 min
 Lab File: VD062299.D
 Acq: 13 May 2019 12:40

Tgt Ion:225 Resp: 216
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.6 92.0#
 227 0.0 32.0 96.2#





#95

Naphthalene

Concen: 7.543 ug/l

RT: 16.13 min Scan# 1495

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

P026-SS007-0002-01

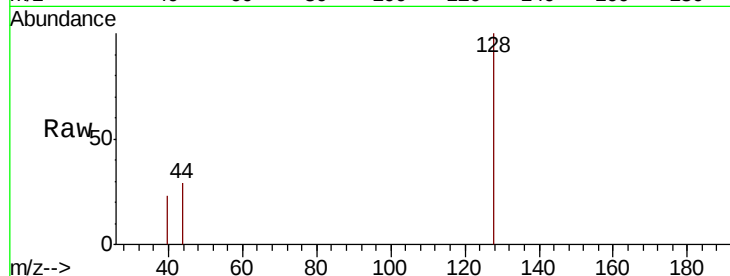
Tot Ion:128 Resp: 1742

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

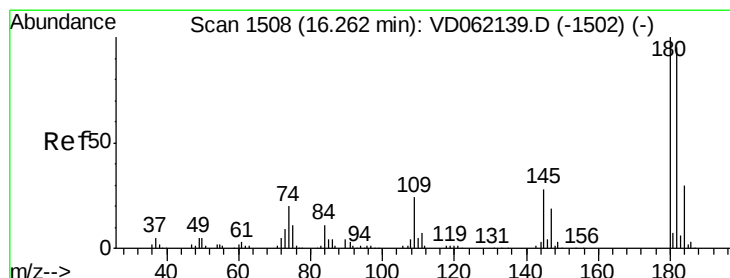
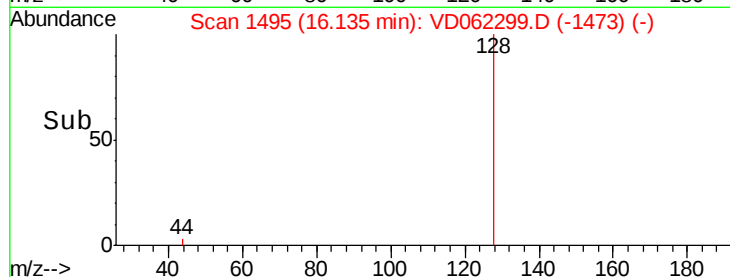
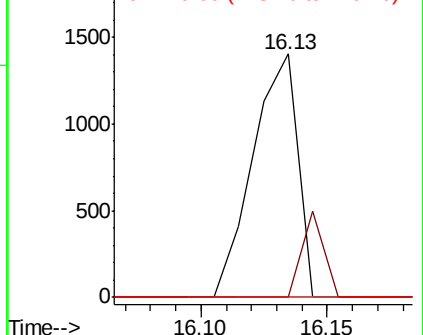
129 0.0 8.8 13.2#



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: 9.365 ug/l

RT: 16.27 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

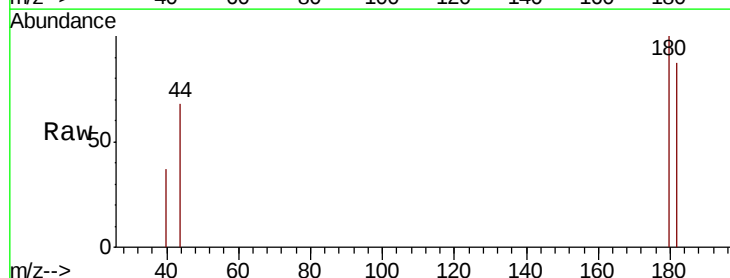
Tgt Ion:180 Resp: 974

Ion Ratio Lower Upper

180 100

182 87.2 47.0 141.0

145 0.0 17.0 51.0#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

