

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067360.D
 Acq On : 22 Oct 2020 14:16
 Operator : VA/SY
 Sample : L4460-01RE
 Misc : 1.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

Quant Time: Oct 22 14:53:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	195906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	305994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	157366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	19606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	96900	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.91	113	98859	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.34	98	265514	36.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.06%	
62) 4-Bromofluorobenzene	12.64	95	44602	17.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	462	Below Cal	#	68
5) Bromomethane	2.79	94	511	Below Cal	#	56
11) Tert butyl alcohol	5.21	59	344	Below Cal	#	81
16) Acetone	4.16	43	21077	76.679	ug/l	89
17) Carbon Disulfide	4.41	76	10393	2.255	ug/l #	92
20) Methylene Chloride	4.96	84	18641	6.700	ug/l	87
25) 2-Butanone	7.21	43	2558	8.164	ug/l	98
29) Tetrahydrofuran	7.67	42	226	1.298	ug/l #	26
31) Cyclohexane	7.97	56	30316	13.411	ug/l #	61
37) Ethyl Acetate	7.21	43	2558	3.352	ug/l #	71
38) Carbon Tetrachloride	7.98	117	19967	6.024	ug/l #	17
39) Methylcyclohexane	9.36	83	14974	5.523	ug/l	88
40) Benzene	8.36	78	32637	4.587	ug/l	96
41) Methacrylonitrile	7.58	41	782	1.896	ug/l #	14
43) Isopropyl Acetate	8.46	43	9567	6.319	ug/l #	45
51) 4-Methyl-2-Pentanone	10.23	43	25182	33.345	ug/l	95
52) Toluene	10.41	92	189109	39.024	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	2946	2.103	ug/l #	43
56) Ethyl methacrylate	10.64	69	1639	1.128	ug/l #	1
59) 2-Hexanone	10.95	43	2042	3.957	ug/l #	25
67) Ethyl Benzene	11.75	91	34452	6.660	ug/l	96
68) m/p-Xylenes	11.86	106	47456	23.823	ug/l	96
69) o-Xylene	12.19	106	13865	7.517	ug/l	94
70) Styrene	12.20	104	37668	11.863	ug/l	96
73) Isopropylbenzene	12.48	105	5832	4.687	ug/l	85
74) N-amyl acetate	12.28	43	6546	34.831	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.76	83	3075	16.128	ug/l #	47
76) 1,2,3-Trichloropropane	12.63	75	24651	181.407	ug/l #	100
78) n-propylbenzene	12.83	91	14649	10.161	ug/l	89
79) 2-Chlorotoluene	12.92	91	2158	2.581	ug/l #	64
80) 1,3,5-Trimethylbenzene	12.97	105	10226	9.457	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.63	75	24651	411.376	ug/l #	15
82) 4-Chlorotoluene	13.01	91	898	1.012	ug/l #	1
83) tert-Butylbenzene	13.23	119	1718	1.881	ug/l #	39

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

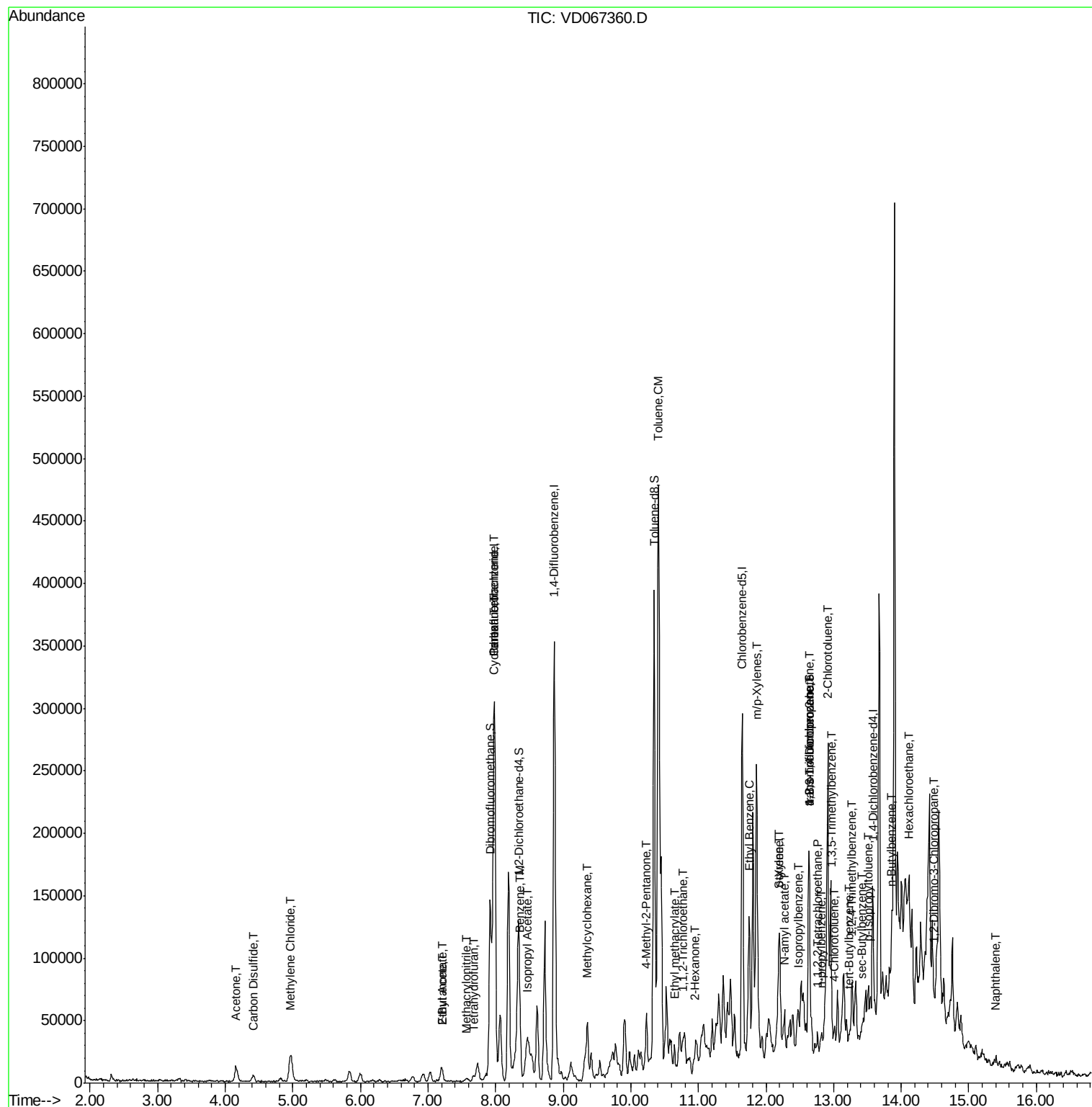
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	32254	30.179	ug/l	99
85) sec-Butylbenzene	13.41	105	4603	3.673	ug/l #	70
86) p-Isopropyltoluene	13.51	119	4259	3.600	ug/l	90
89) n-Butylbenzene	13.85	91	5347	5.138	ug/l	95
90) Hexachloroethane	14.13	117	953	4.616	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.48	75	55	1.588	ug/l #	1
95) Naphthalene	15.41	128	7399	12.814	ug/l #	95

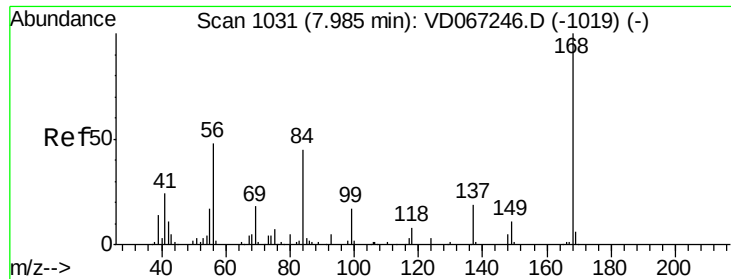
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

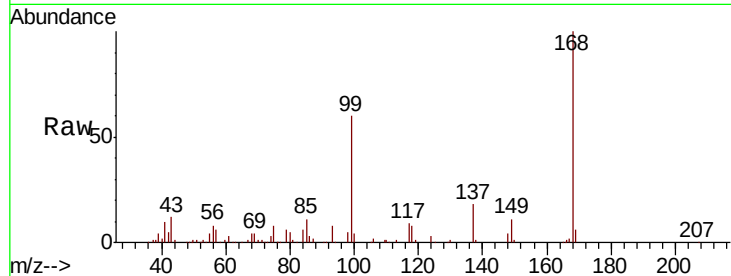
CAPEMAY-ST-DRUMRE

Tot Ion:168 Resp: 195906

Ion Ratio Lower Upper

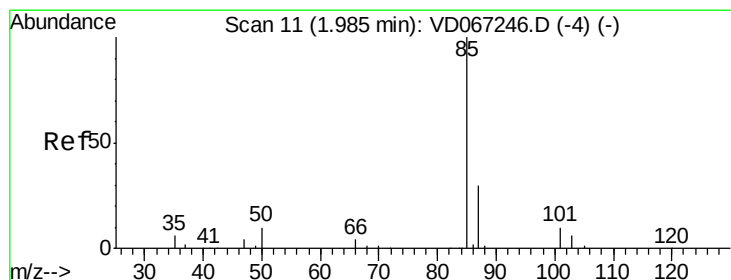
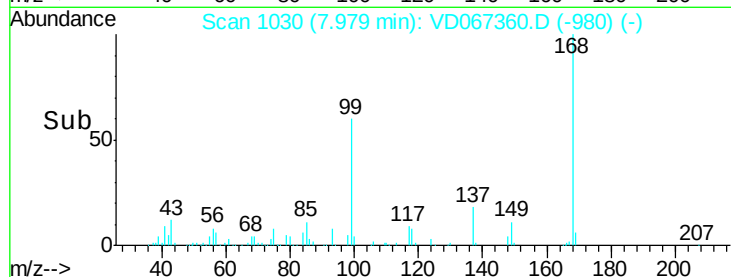
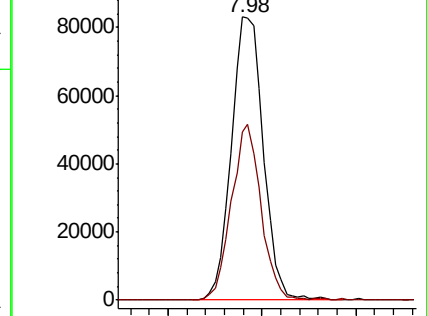
168 100

99 59.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067360.D

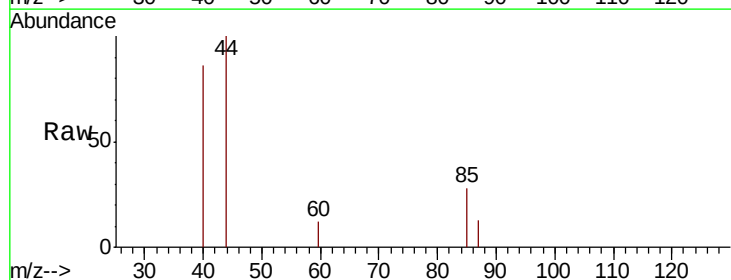
Acq: 22 Oct 2020 14:16

Tgt Ion: 85 Resp: 462

Ion Ratio Lower Upper

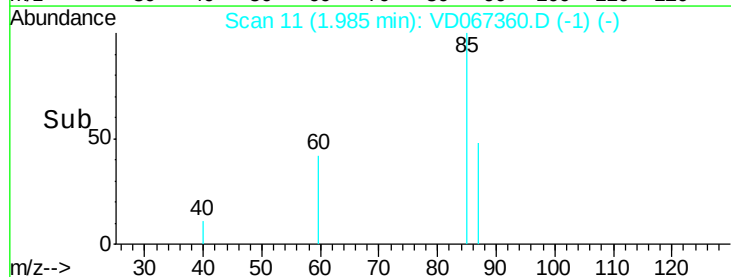
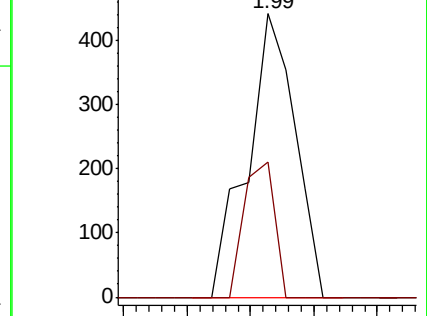
85 100

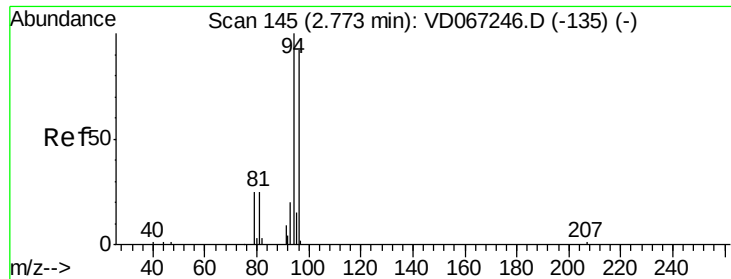
87 47.8 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

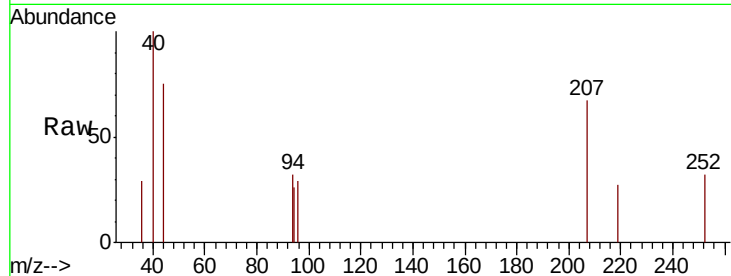
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Tot Ion: 94 Resp: 511

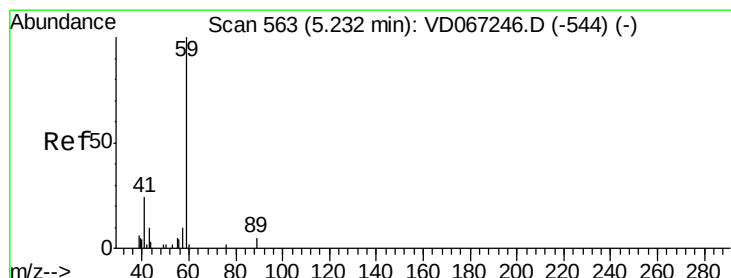
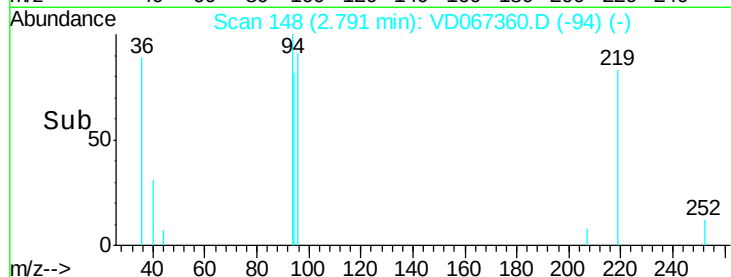
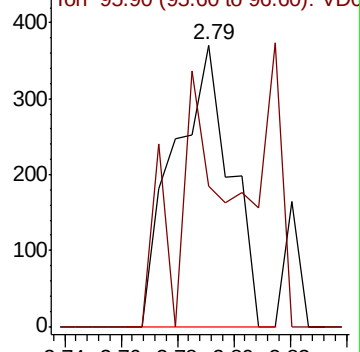
Ion Ratio Lower Upper

94 100

96 49.9 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067360.D

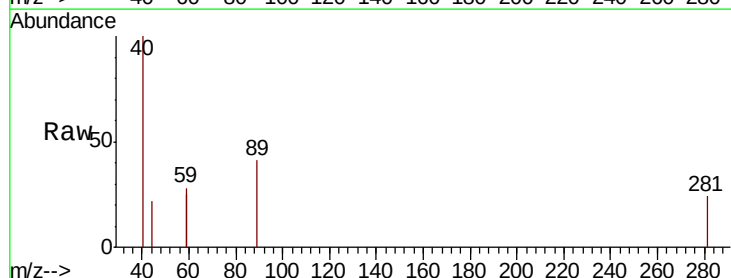
Acq: 22 Oct 2020 14:16

Tgt Ion: 59 Resp: 344

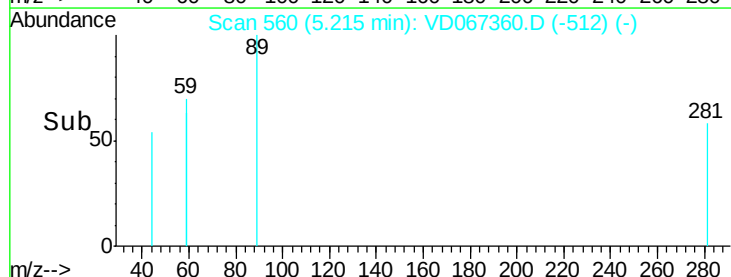
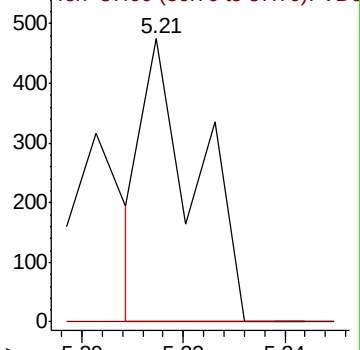
Ion Ratio Lower Upper

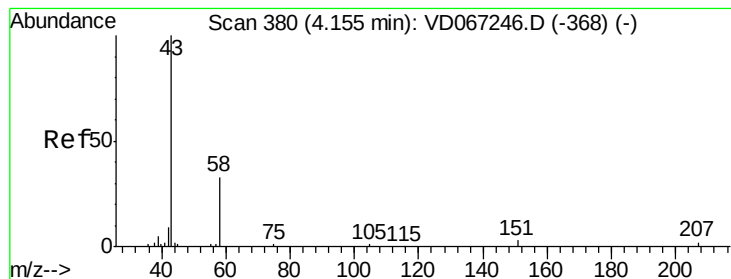
59 100

57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC





#16

Acetone

Concen: 76.679 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

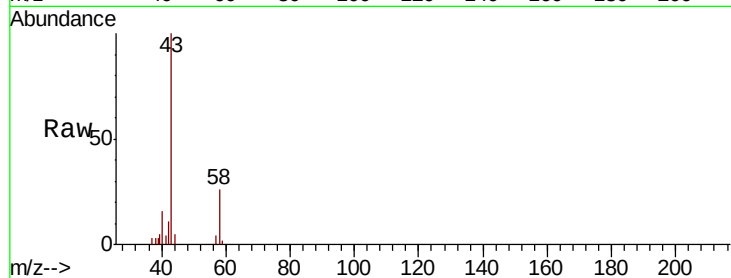
CAPEMAY-ST-DRUMRE

Tot Ion: 43 Resp: 21077

Ion Ratio Lower Upper

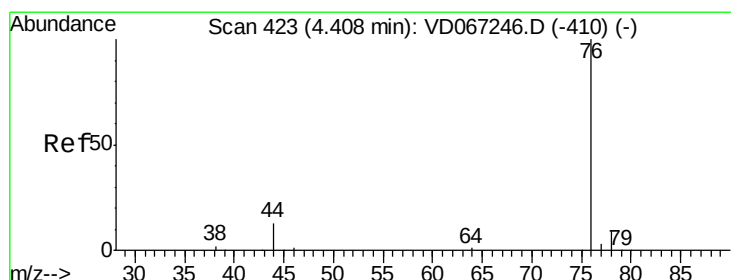
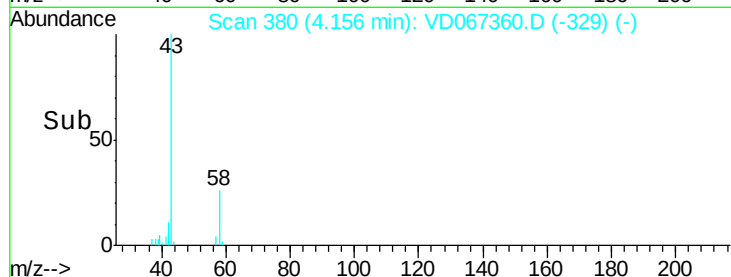
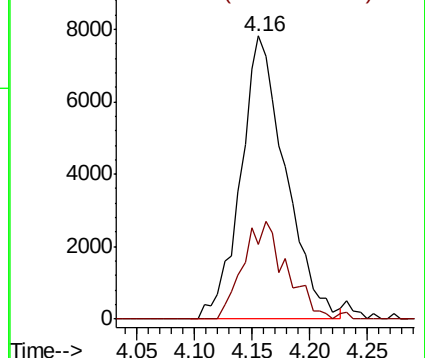
43 100

58 26.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 2.255 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067360.D

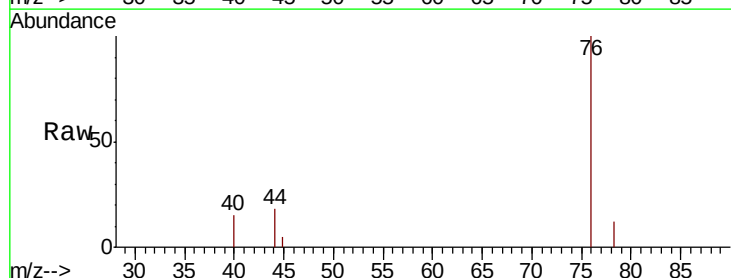
Acq: 22 Oct 2020 14:16

Tgt Ion: 76 Resp: 10393

Ion Ratio Lower Upper

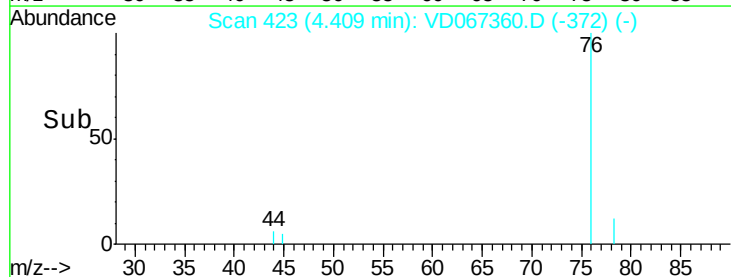
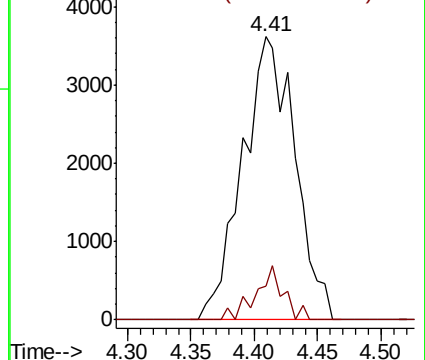
76 100

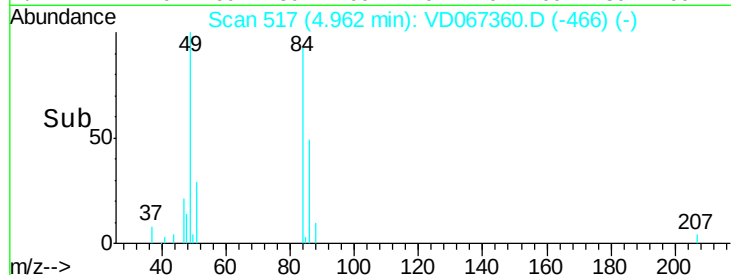
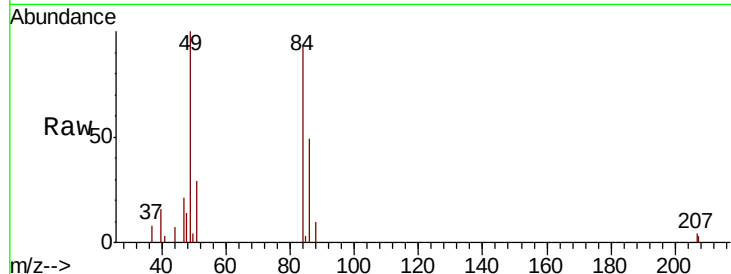
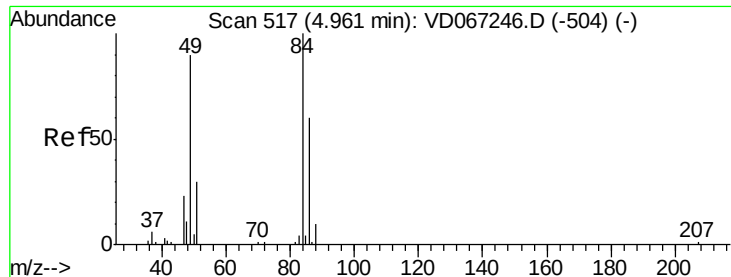
78 12.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

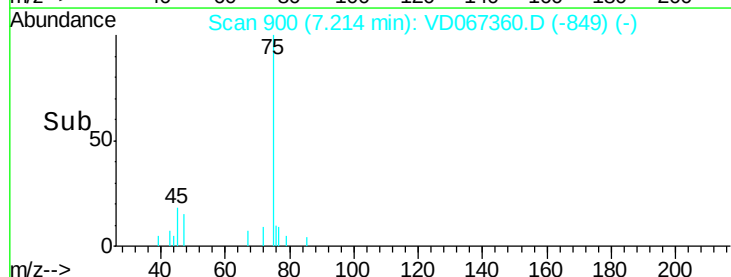
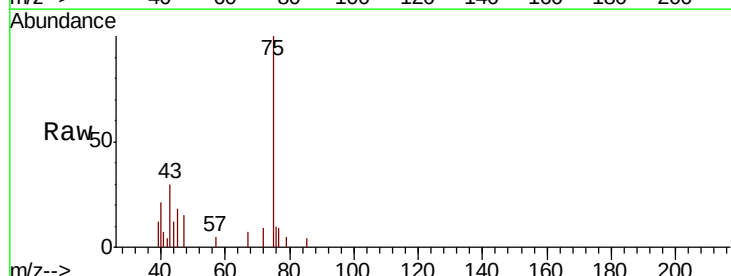
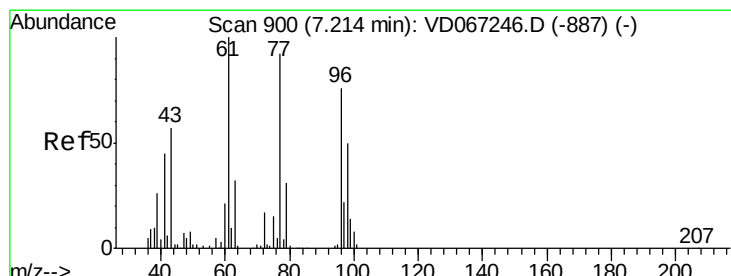
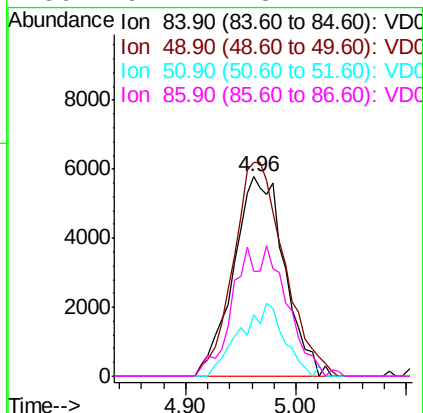




#20
Methylene Chloride
Concen: 6.700 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

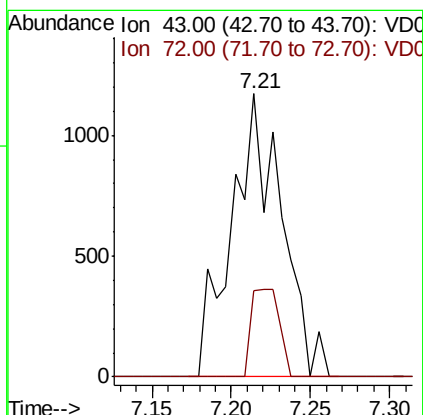
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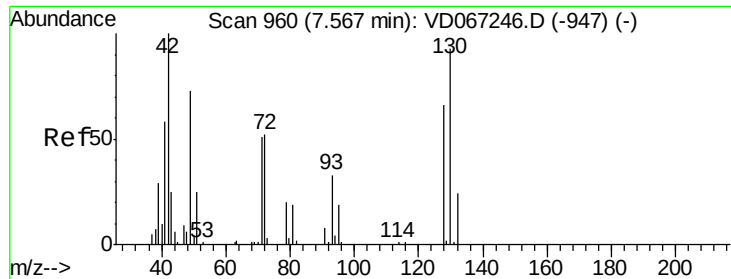
Tot Ion: 84 Resp: 18641
Ion Ratio Lower Upper
84 100
49 107.1 72.2 108.2
51 31.0 23.8 35.8
86 52.7 48.2 72.4



#25
2-Butanone
Concen: 8.164 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
72 30.6 23.7 35.5

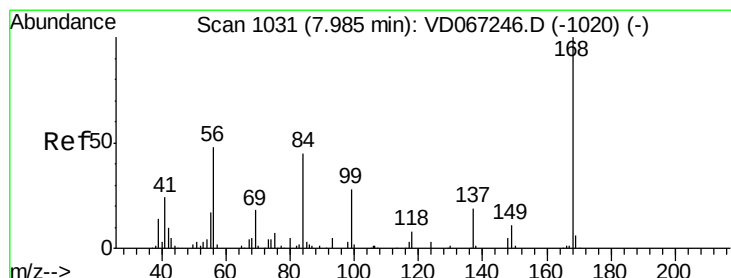
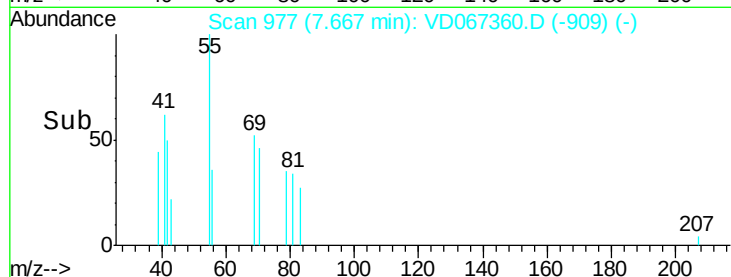
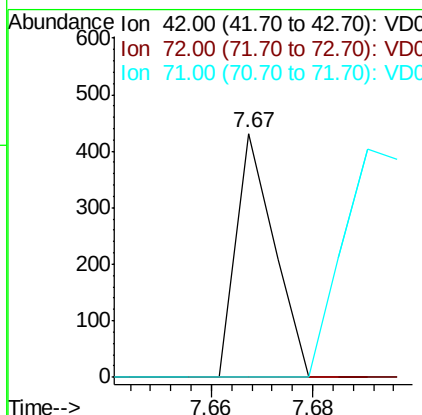
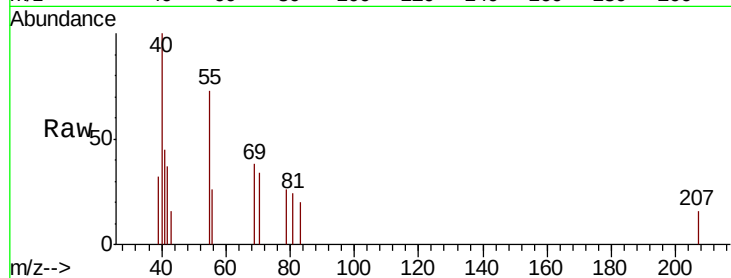




#29
Tetrahydrofuran
Concen: 1.298 ug/l
RT: 7.67 min Scan# 977
Delta R.T. 0.10 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

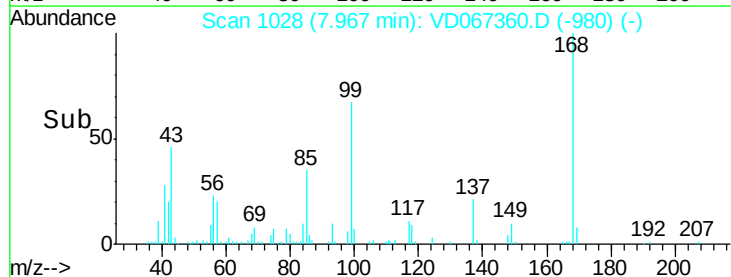
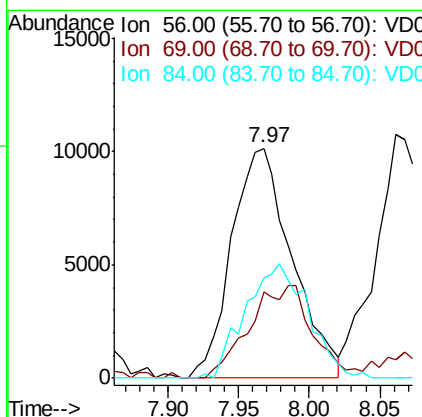
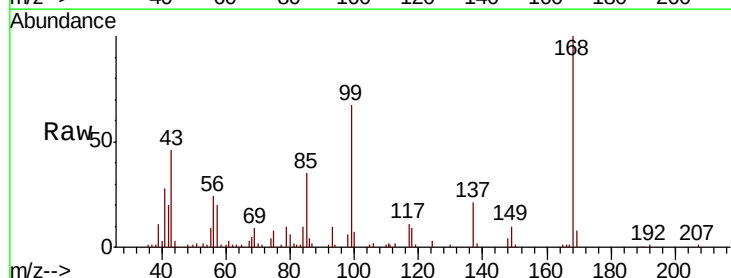
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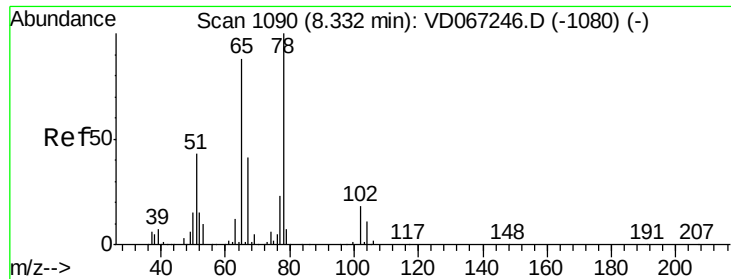
Tot Ion: 42 Resp: 226
Ion Ratio Lower Upper
42 100
72 0.0 43.2 64.8#
71 0.0 39.4 59.0#



#31
Cyclohexane
Concen: 13.411 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion: 56 Resp: 30316
Ion Ratio Lower Upper
56 100
69 37.7 29.8 44.6
84 43.4 76.6 114.8#

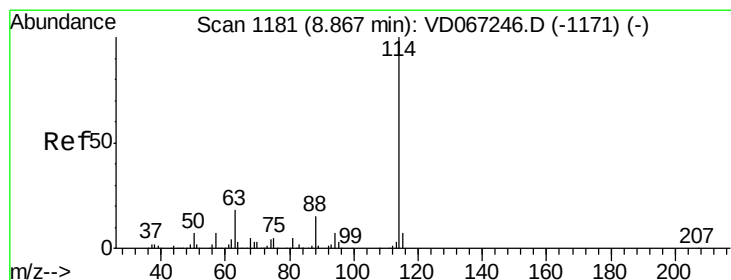
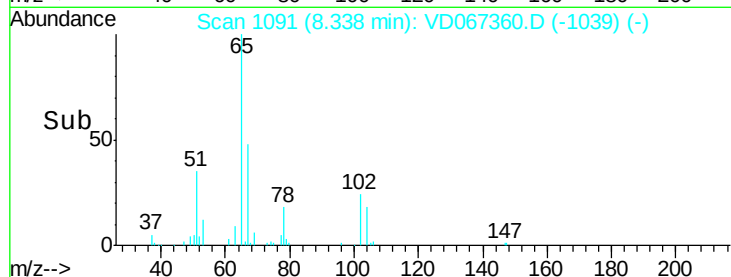
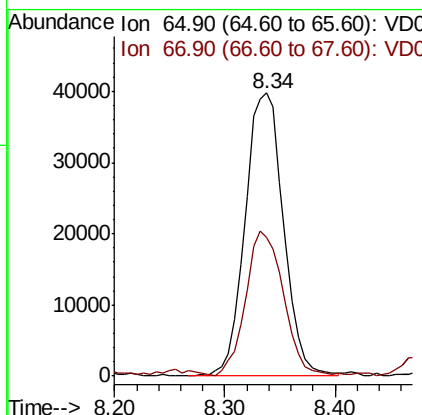
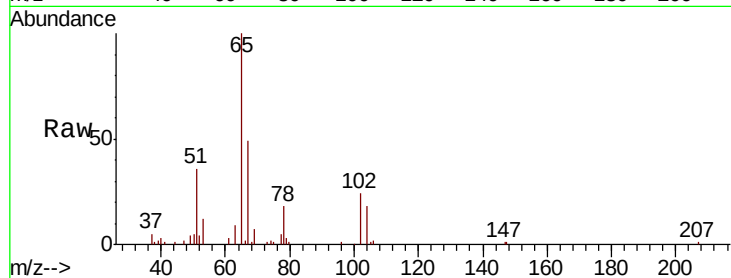




#33
 1,2-Dichloroethane-d4
 Concen: 49.371 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

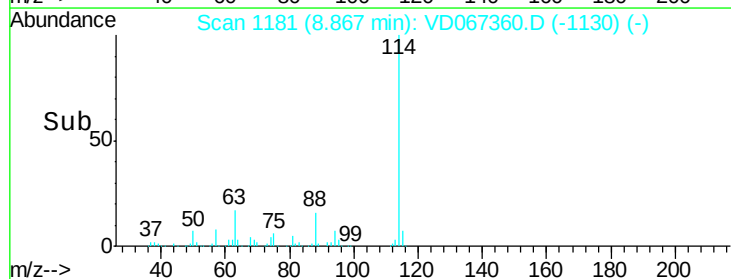
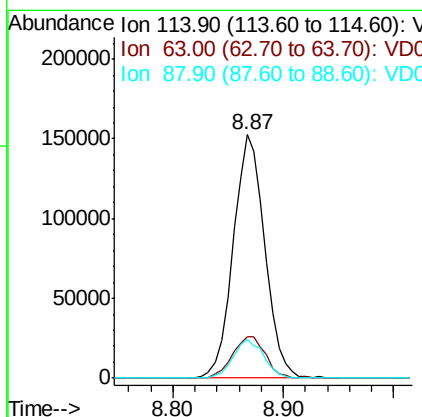
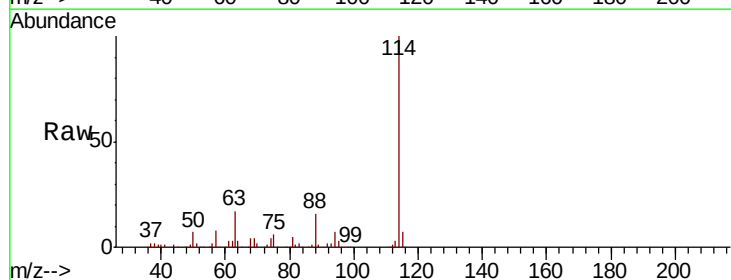
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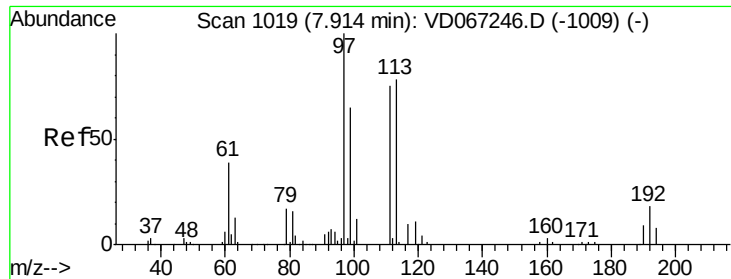
Tot Ion: 65 Resp: 96900
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion: 114 Resp: 305994
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.0
 88 15.9 0.0 30.6

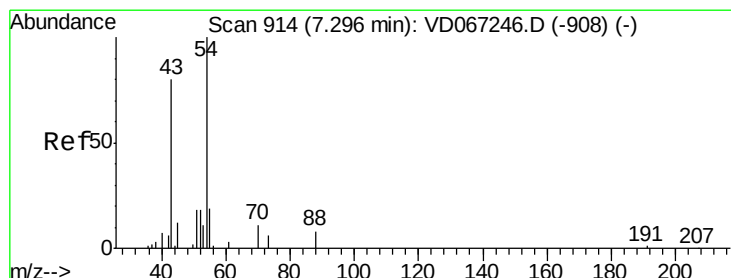
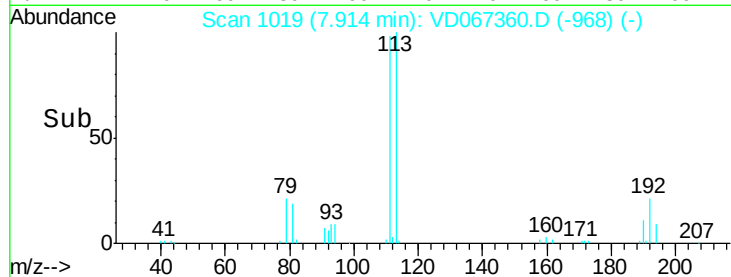
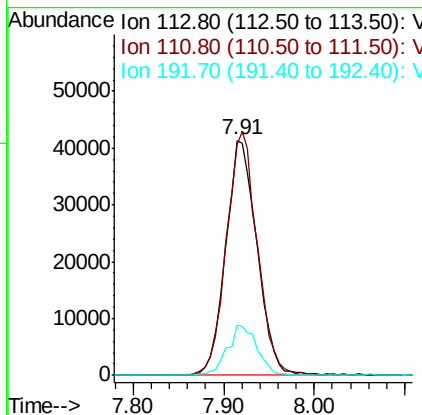
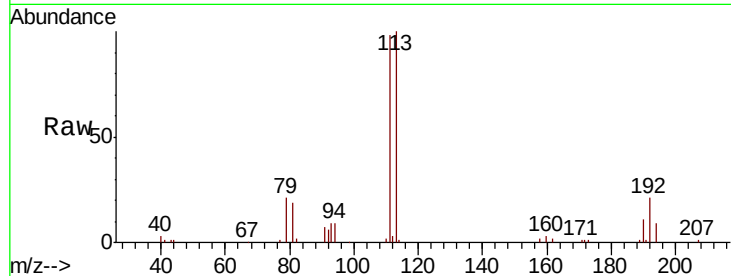




#35
 Dibromofluoromethane
 Concen: 48.546 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

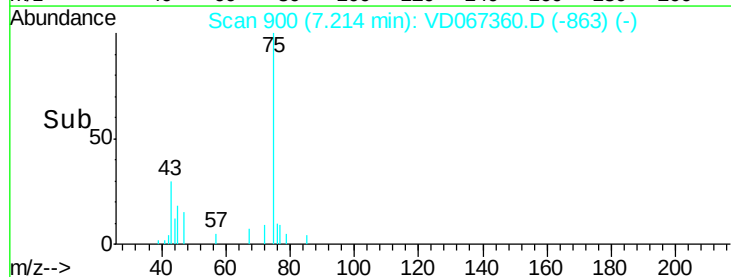
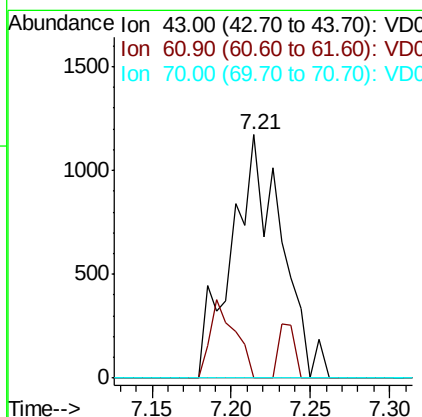
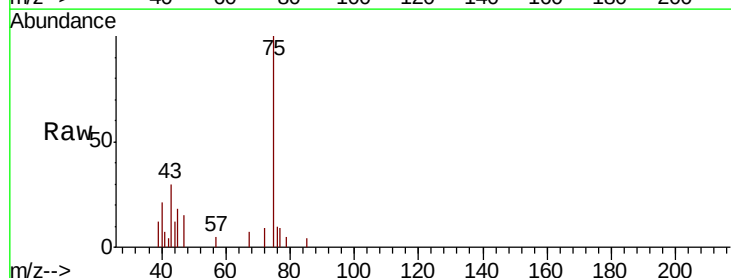
Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

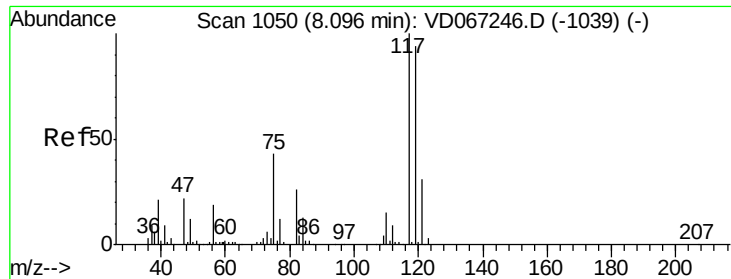
Tot Ion:113 Resp: 98859
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 20.4 17.0 25.4



#37
 Ethyl Acetate
 Concen: 3.352 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.08 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion: 43 Resp: 2558
 Ion Ratio Lower Upper
 43 100
 61 7.1 15.6 23.4#
 70 0.0 10.4 15.6#





#38

Carbon Tetrachloride

Concen: 6.024 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

CAPEMAY-ST-DRUMRE

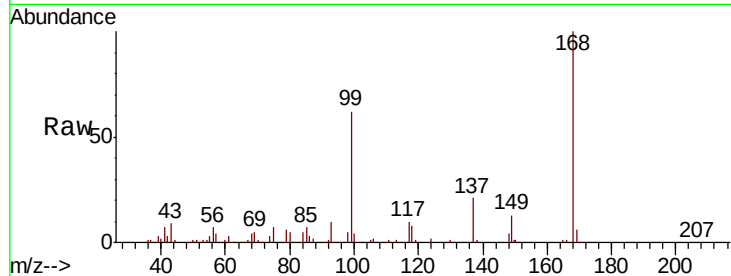
Tot Ion:117 Resp: 19967

Ion Ratio Lower Upper

117 100

119 5.7 75.0 112.4#

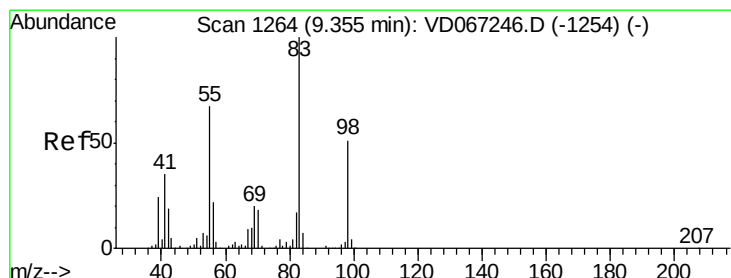
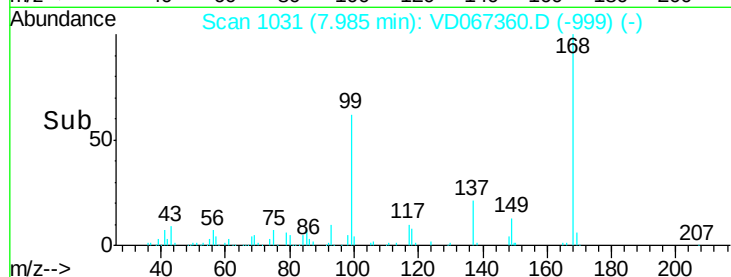
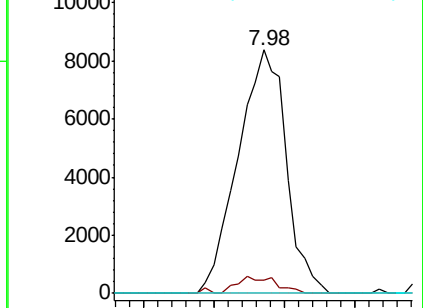
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.523 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

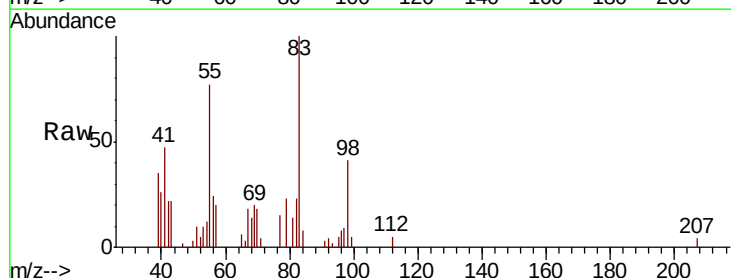
Tgt Ion: 83 Resp: 14974

Ion Ratio Lower Upper

83 100

55 74.7 53.3 79.9

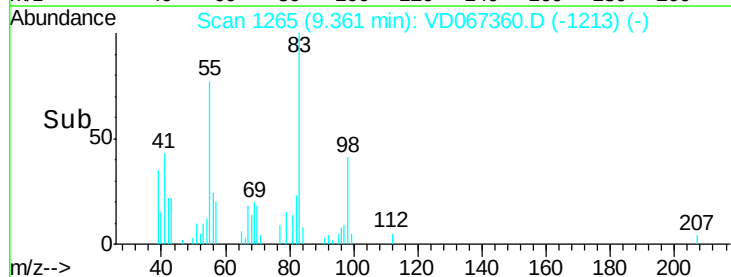
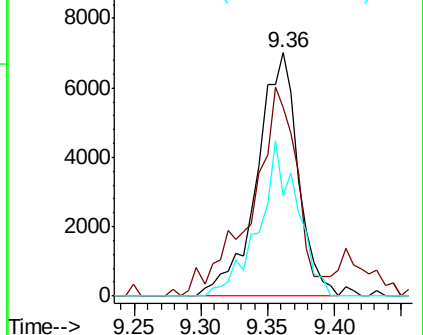
98 41.0 41.0 61.4

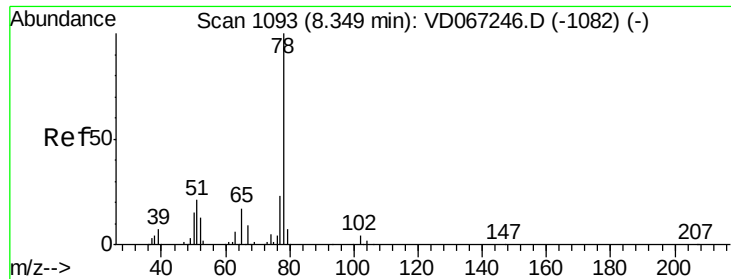


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#40

Benzene

Concen: 4.587 ug/l

RT: 8.36 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

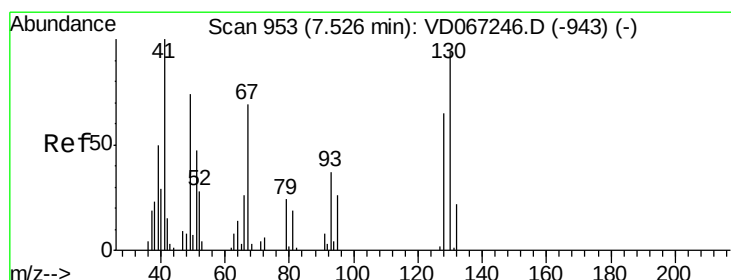
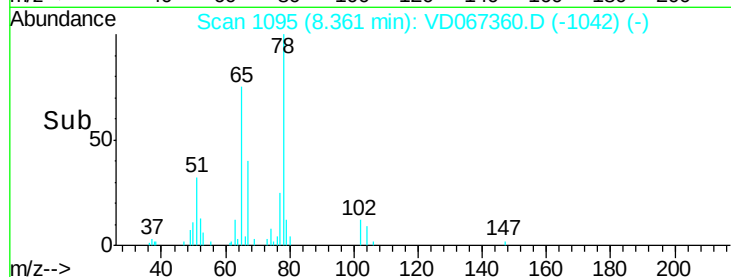
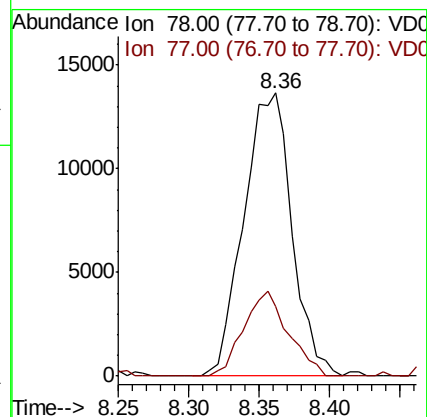
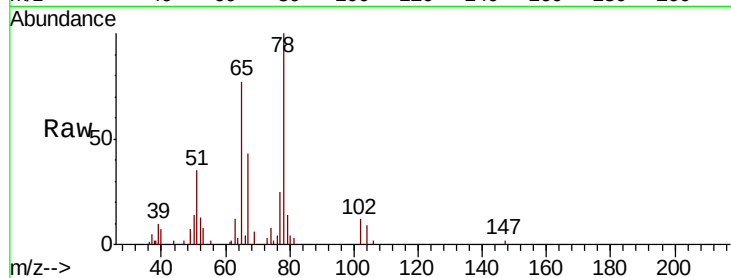
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Tot Ion: 78 Resp: 32637

Ion Ratio Lower Upper

78 100

77 24.7 18.3 27.5



#41

Methacrylonitrile

Concen: 1.896 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.05 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Tgt Ion: 41 Resp: 782

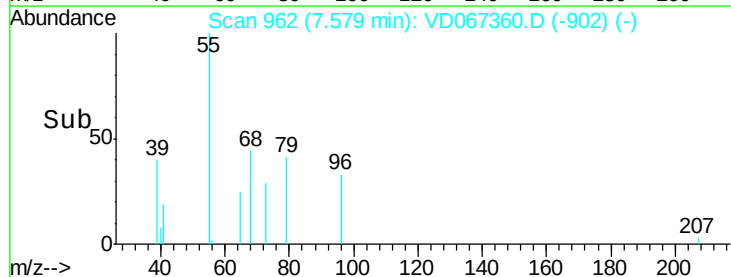
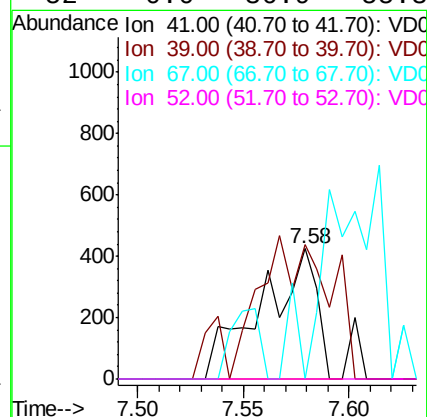
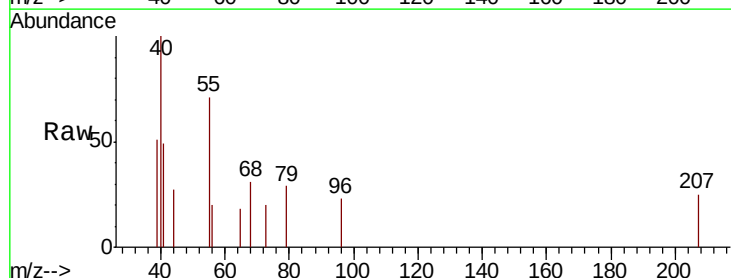
Ion Ratio Lower Upper

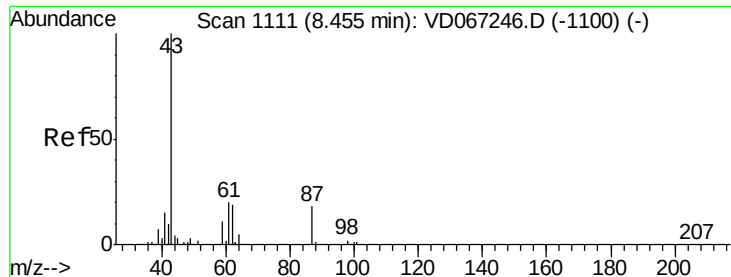
41 100

39 133.2 60.0 90.0#

67 0.0 88.9 133.3#

52 0.0 36.9 55.3#





#43

Isopropyl Acetate

Concen: 6.319 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

CAPEMAY-ST-DRUMRE

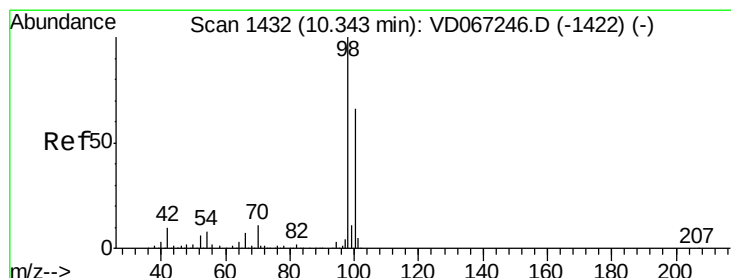
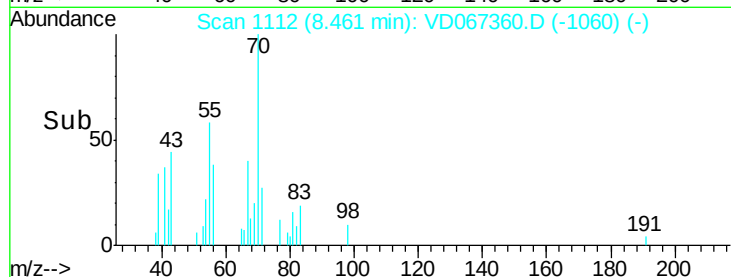
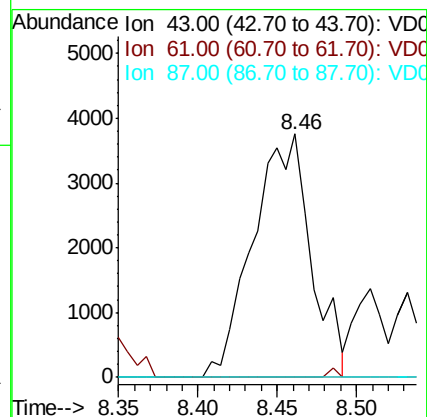
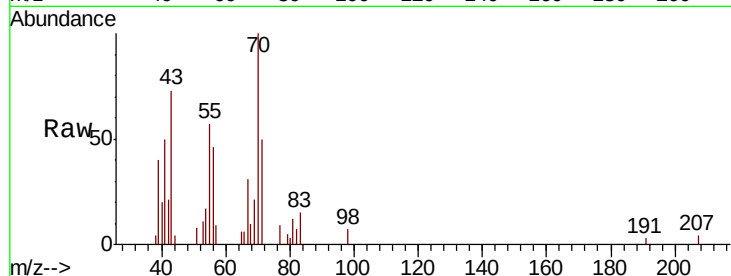
Tot Ion: 43 Resp: 9567

Ion Ratio Lower Upper

43 100

61 0.0 29.5 44.3#

87 0.0 14.2 21.4#



#50

Toluene-d8

Concen: 36.029 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067360.D

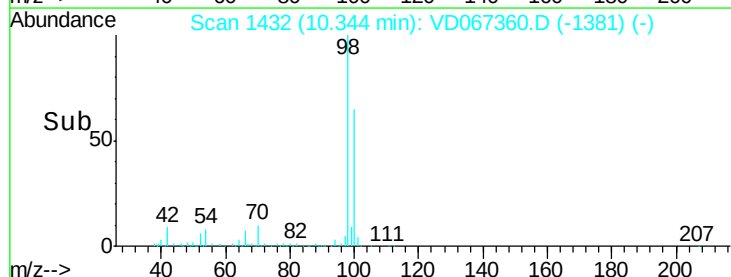
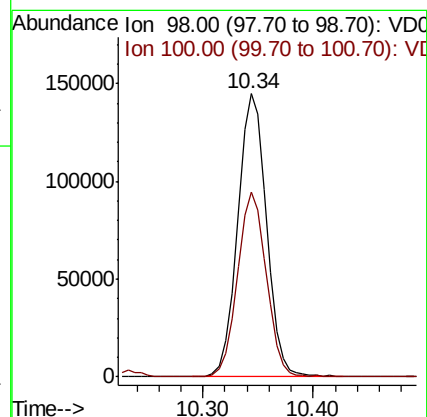
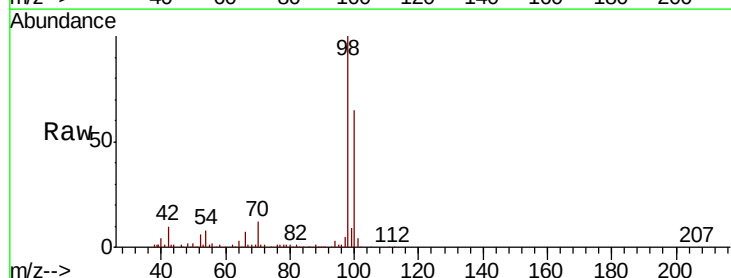
Acq: 22 Oct 2020 14:16

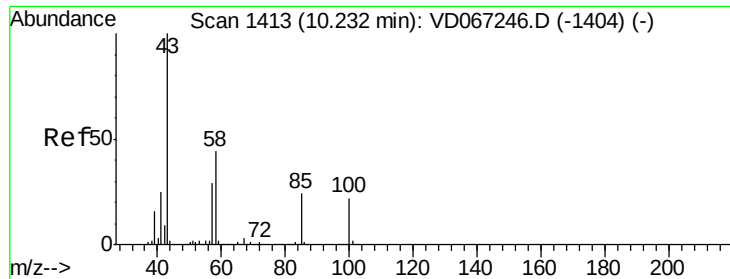
Tgt Ion: 98 Resp: 265514

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

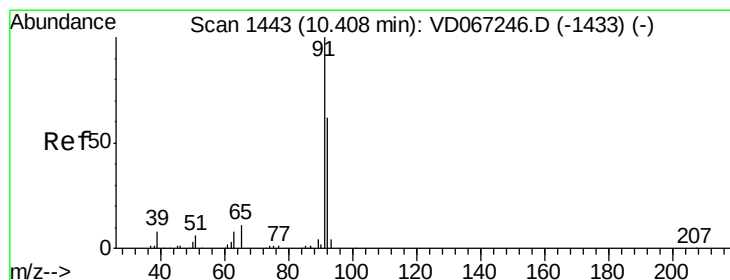
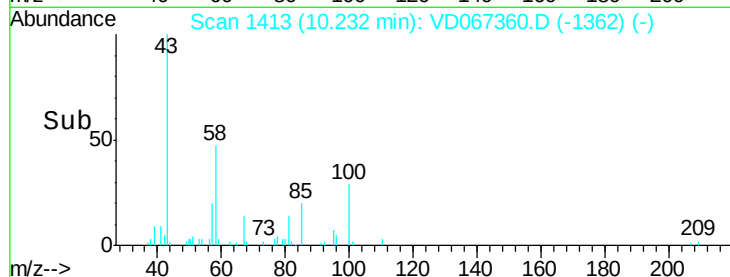
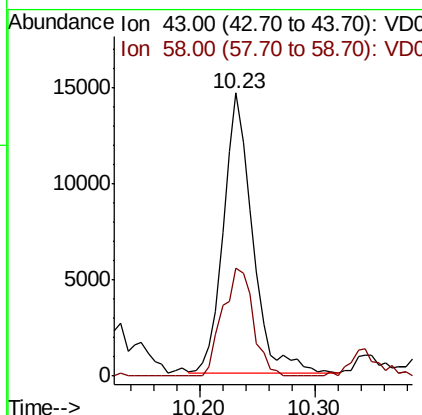
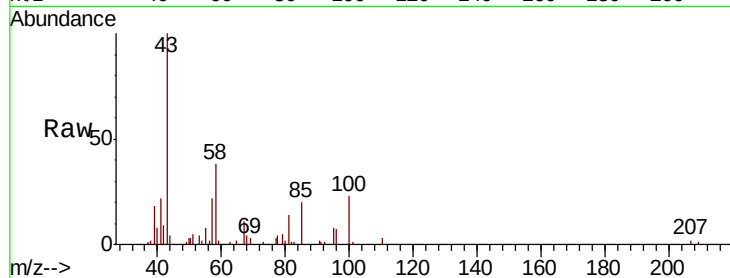




#51
 4-Methyl-2-Pentanone
 Concen: 33.345 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

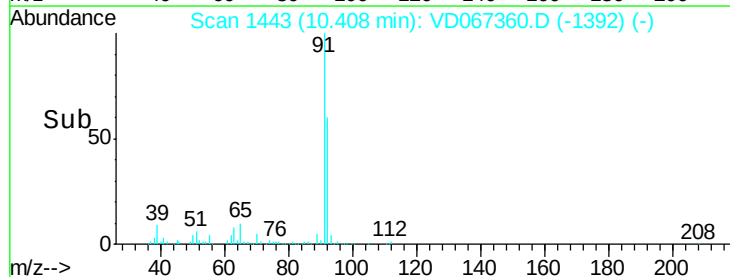
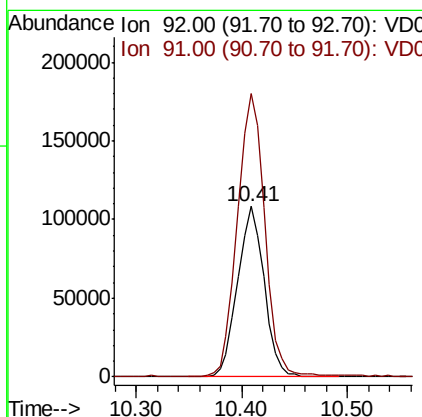
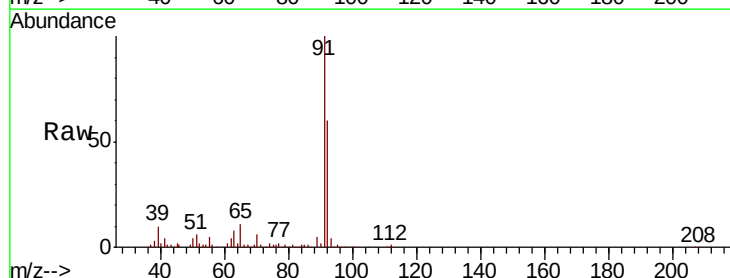
Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

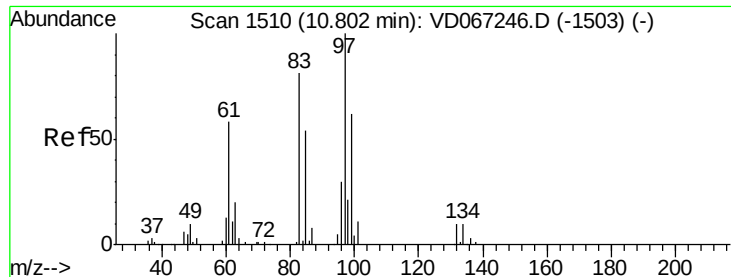
Tot Ion: 43 Resp: 25182
 Ion Ratio Lower Upper
 43 100
 58 41.0 35.7 53.5



#52
 Toluene
 Concen: 39.024 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion: 92 Resp: 189109
 Ion Ratio Lower Upper
 92 100
 91 169.5 133.8 200.8

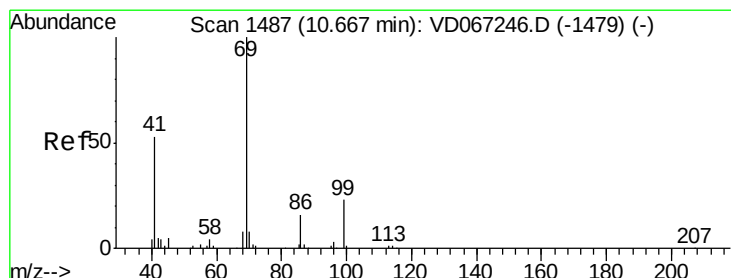
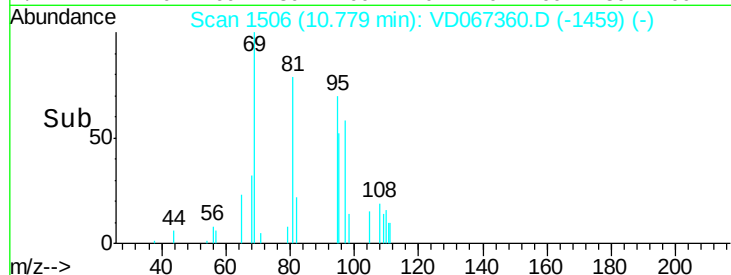
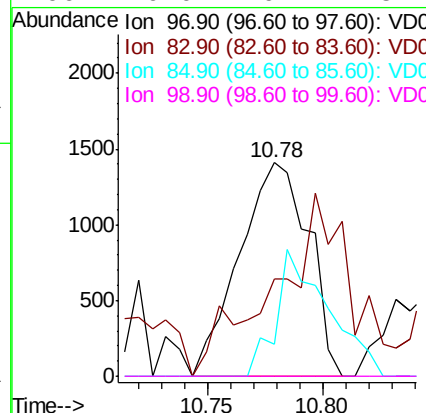
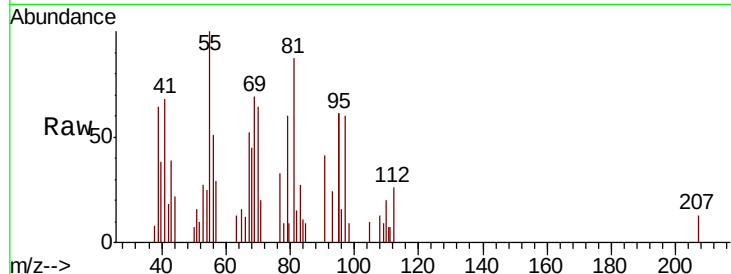




#55
 1,1,2-Trichloroethane
 Concen: 2.103 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

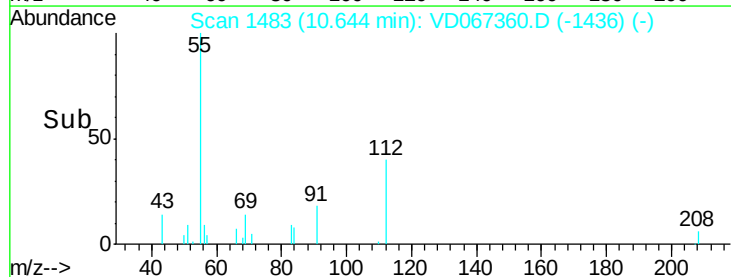
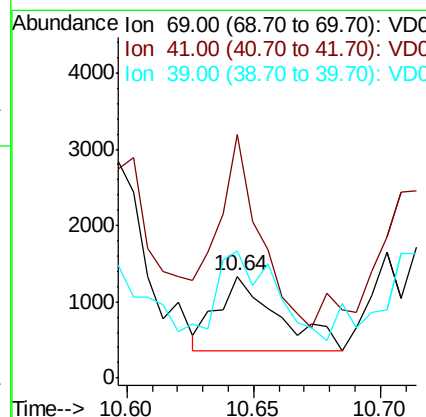
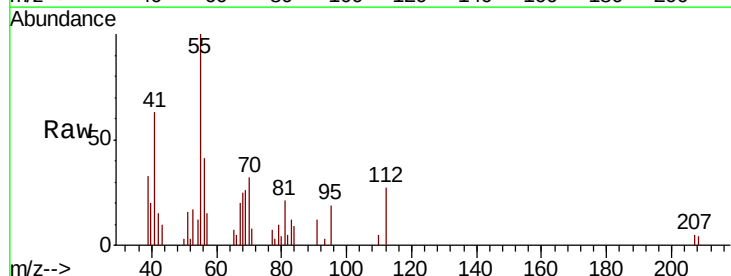
Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

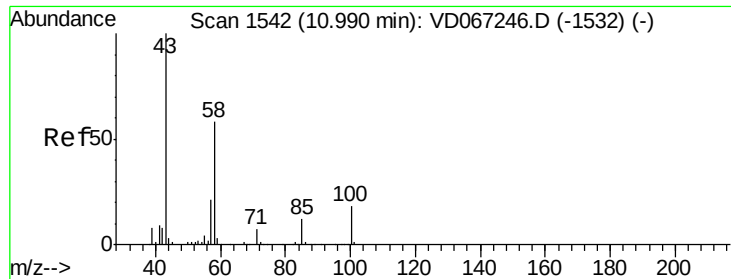
Tot Ion: 97 Resp: 2946
 Ion Ratio Lower Upper
 97 100
 83 45.7 64.9 97.3#
 85 14.9 43.3 64.9#
 99 0.0 49.1 73.7#



#56
 Ethyl methacrylate
 Concen: 1.128 ug/l
 RT: 10.64 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion: 69 Resp: 1639
 Ion Ratio Lower Upper
 69 100
 41 173.3 44.7 67.1#
 39 114.0 26.2 39.2#

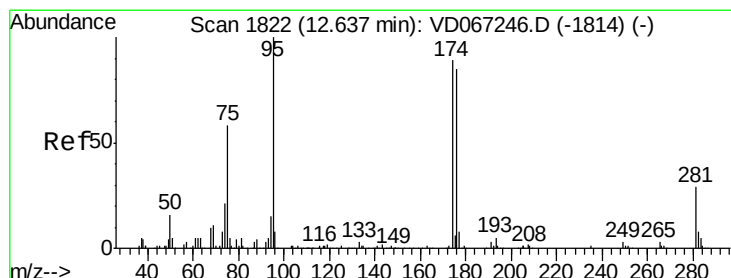
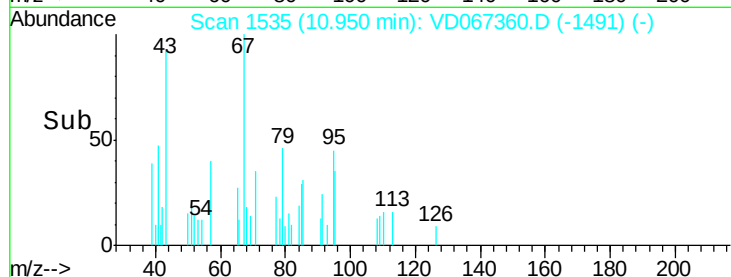
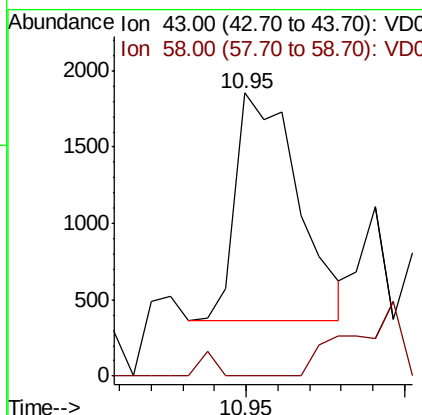
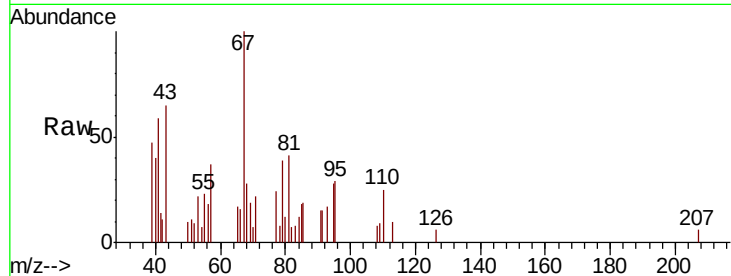




#59
2-Hexanone
Concen: 3.957 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.04 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

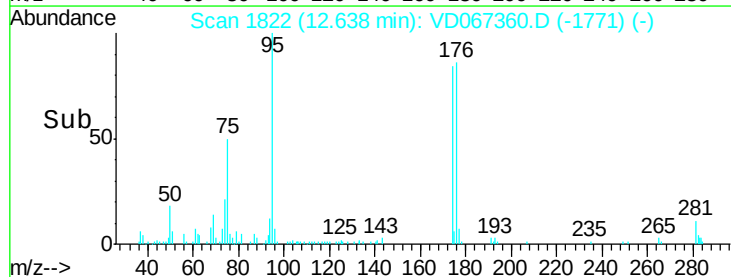
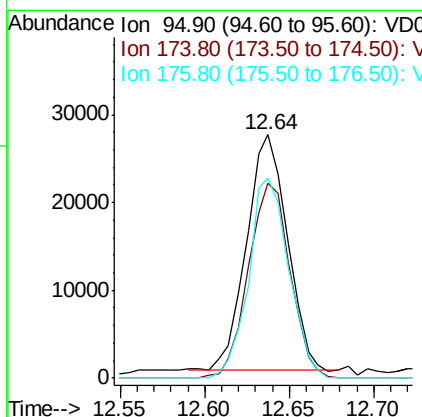
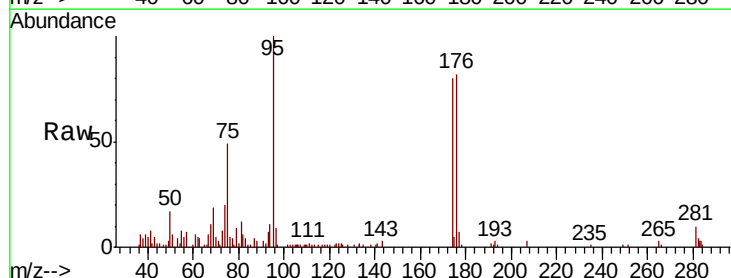
Instrument :
MSVOA_D
ClientSampleId :
CAPEMAY-ST-DRUMRE

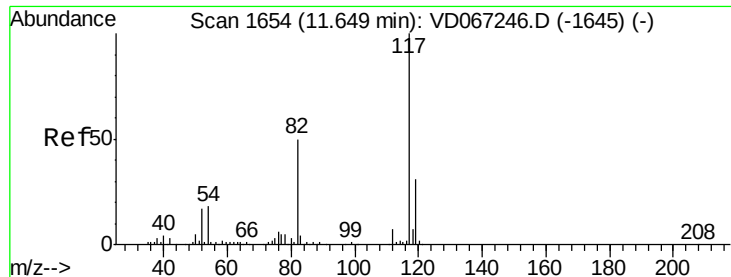
Tot Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 2.8 29.3 87.9#



#62
4-Bromofluorobenzene
Concen: 17.405 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion: 95 Resp: 44602
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.2
176 84.4 0.0 168.6

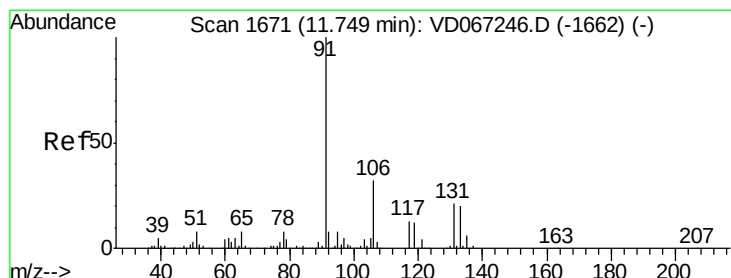
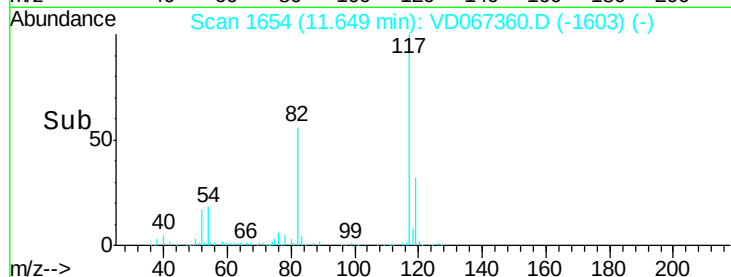
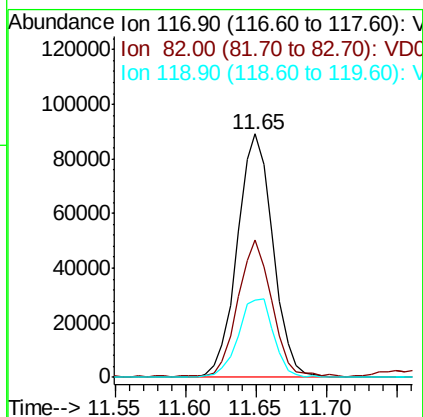
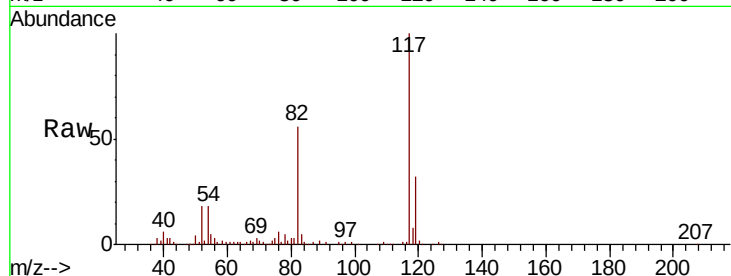




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

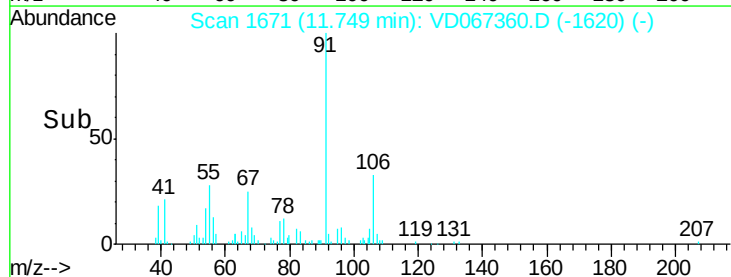
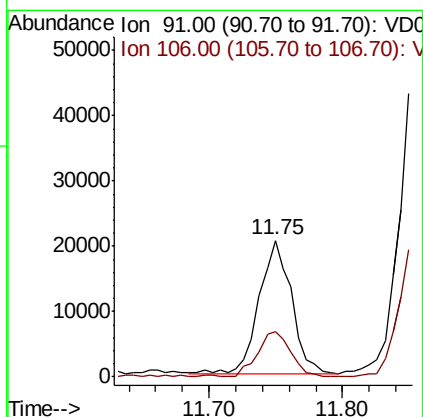
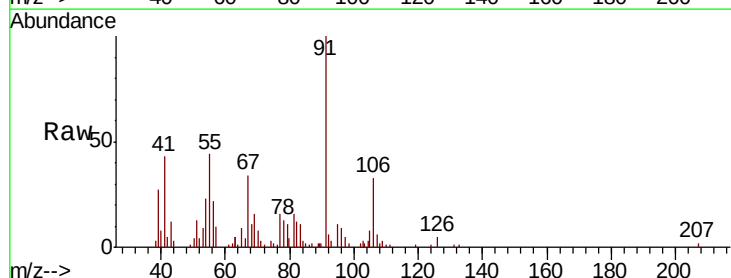
Instrument :
MSVOA_D
ClientSampleId :
CAPEMAY-ST-DRUMRE

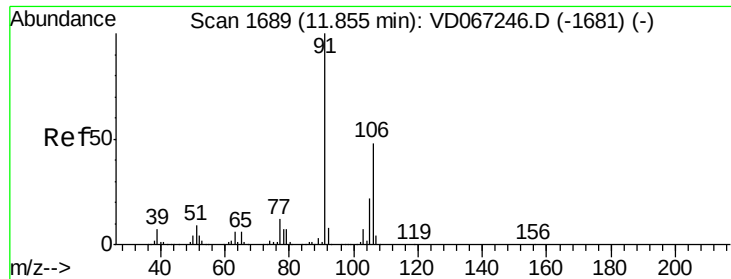
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	39.9	59.9
119	31.6	24.9	37.3



#67
Ethyl Benzene
Concen: 6.660 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.7	25.4	38.0

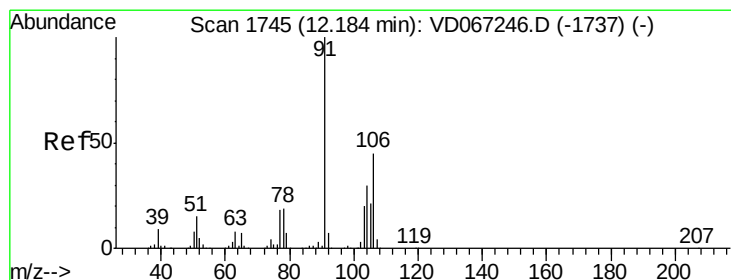
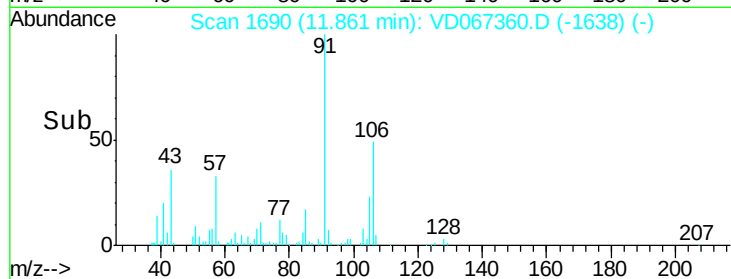
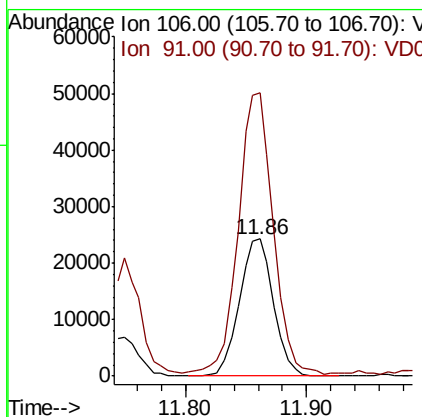
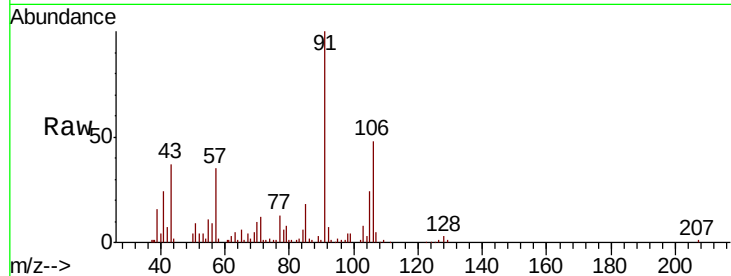




#68
m/p-Xylenes
Concen: 23.823 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

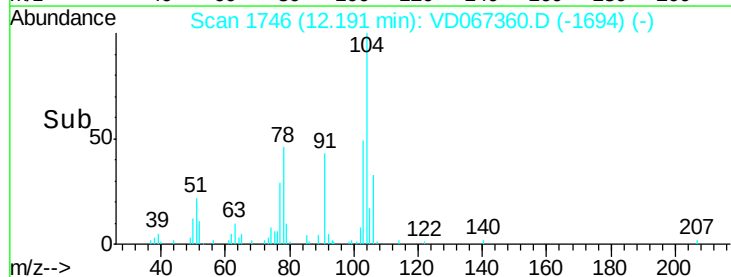
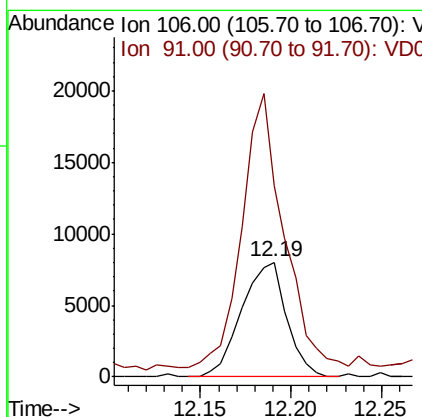
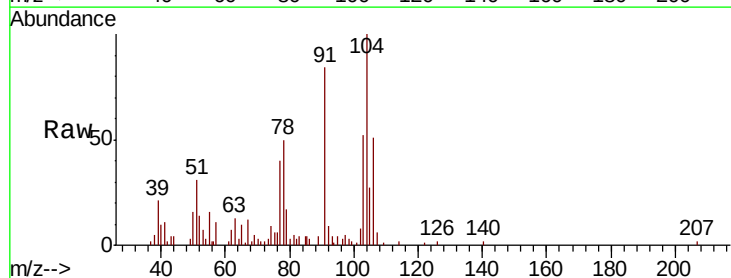
Instrument :
MSVOA_D
ClientSampleId :
CAPEMAY-ST-DRUMRE

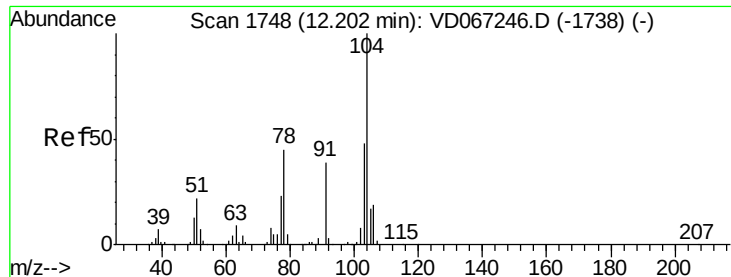
Tot Ion:106 Resp: 47456
Ion Ratio Lower Upper
106 100
91 210.3 163.8 245.8



#69
o-Xylene
Concen: 7.517 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion:106 Resp: 13865
Ion Ratio Lower Upper
106 100
91 228.3 109.1 327.3

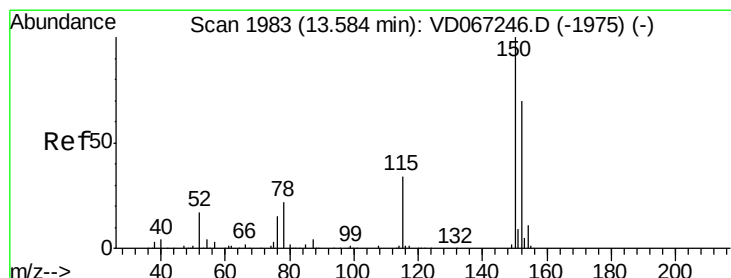
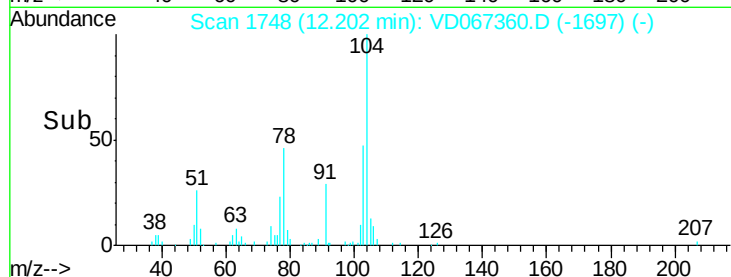
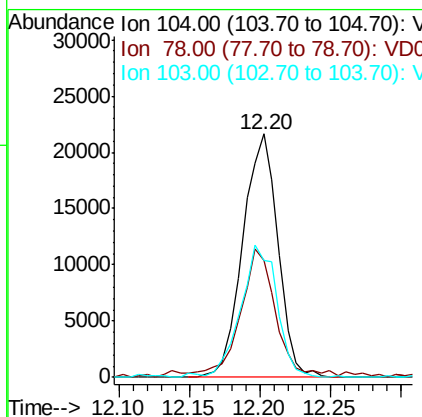
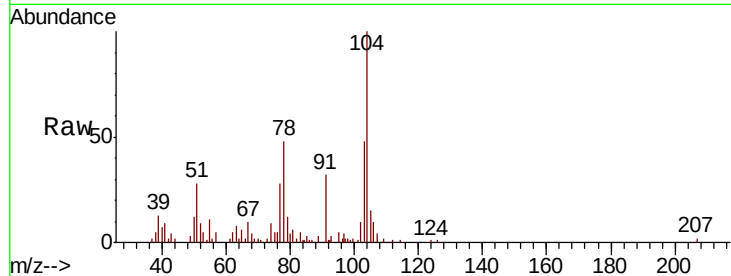




#70
Stvrene
Concen: 11.863 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

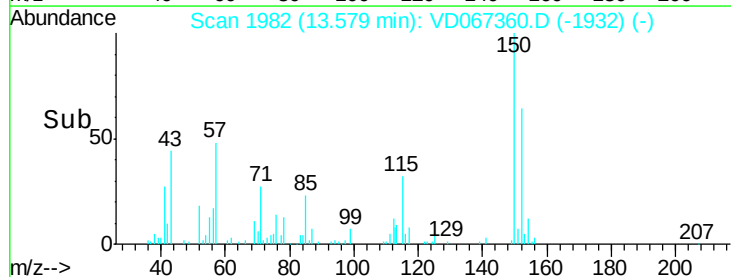
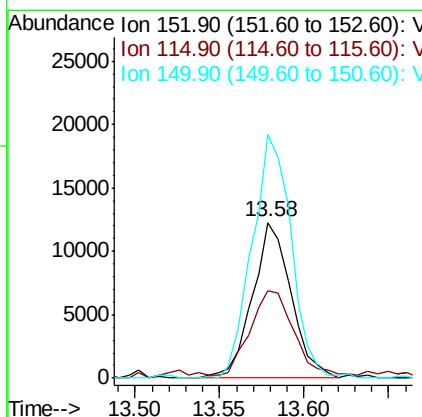
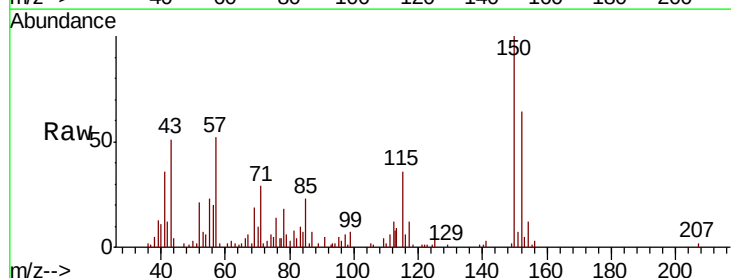
Instrument :
MSVOA_D
ClientSampleId :
CAPEMAY-ST-DRUMRE

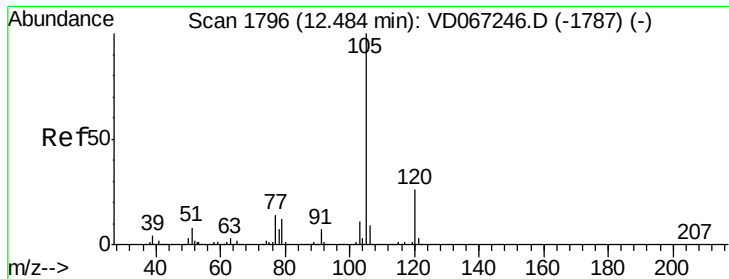
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	39.8	59.6
103	57.0	42.6	64.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067360.D
Acq: 22 Oct 2020 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	29.3	87.9
150	158.2	0.0	339.0





#73

Isopropylbenzene

Concen: 4.687 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

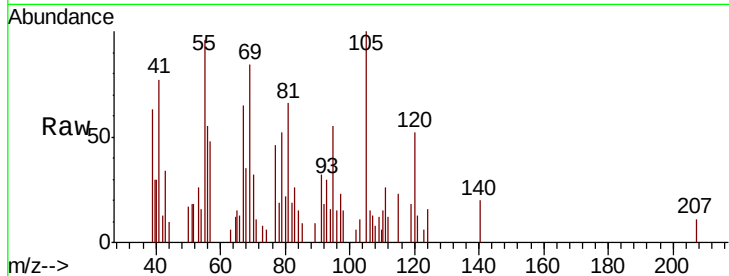
CAPEMAY-ST-DRUMRE

Tot Ion:105 Resp: 5832

Ion Ratio Lower Upper

105 100

120 34.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

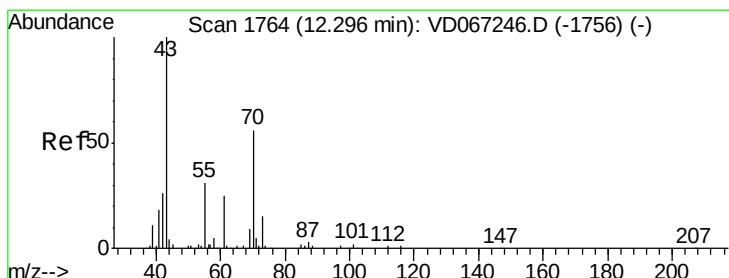
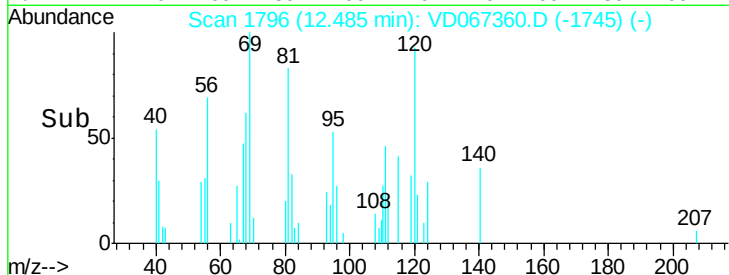
3000

2000

1000

0

Time--> 12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 34.831 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.02 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Tgt Ion: 43 Resp: 6546

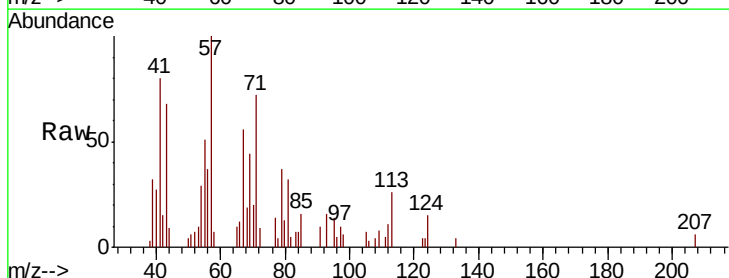
Ion Ratio Lower Upper

43 100

70 24.6 42.7 64.1#

55 19.0 24.0 36.0#

61 0.0 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

8000

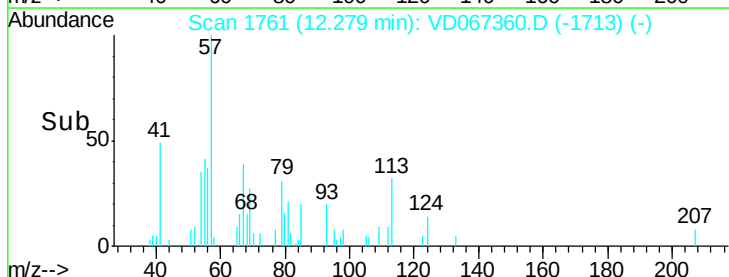
6000

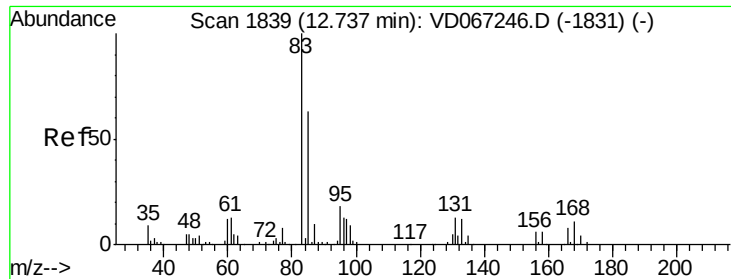
4000

2000

0

Time--> 12.20 12.25 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 16.128 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.02 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

CAPEMAY-ST-DRUMRE

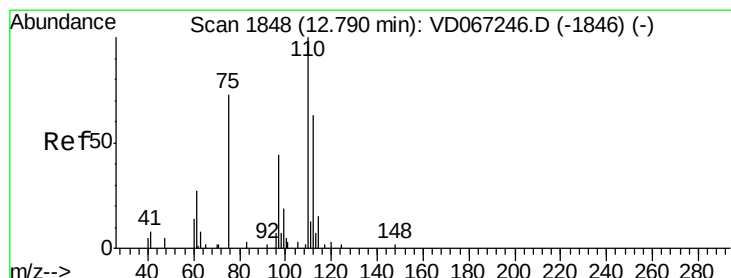
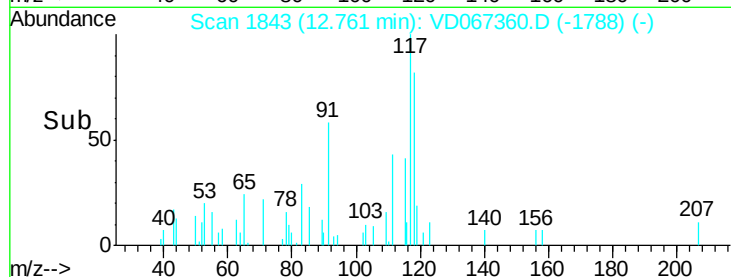
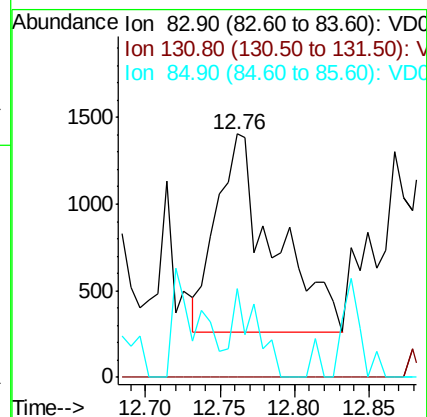
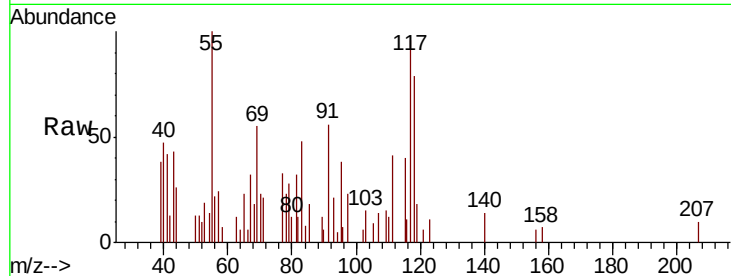
Tot Ion: 83 Resp: 3075

Ion Ratio Lower Upper

83 100

131 0.0 6.5 19.5#

85 19.9 32.6 97.7#



#76

1,2,3-Trichloropropane

Concen: 181.407 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD067360.D

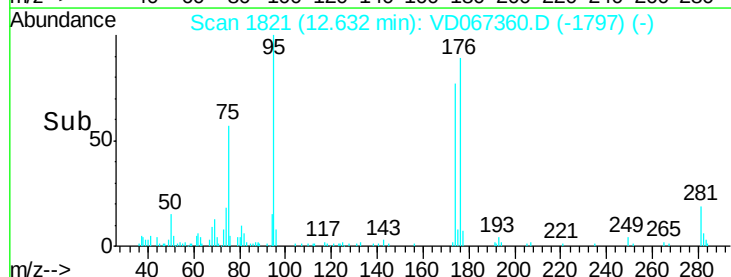
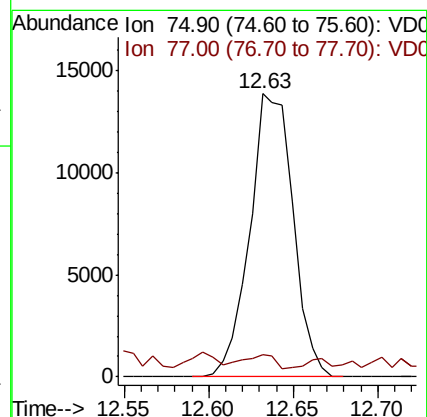
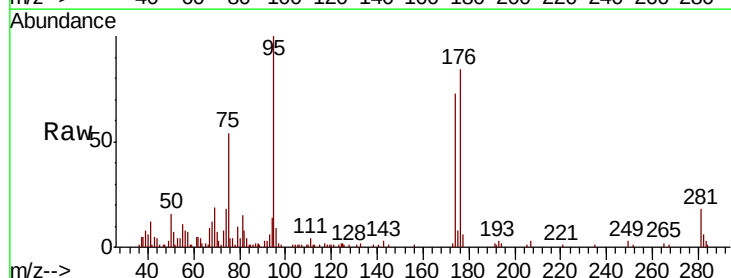
Acq: 22 Oct 2020 14:16

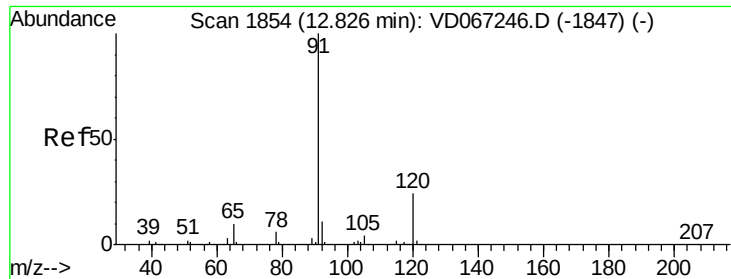
Tgt Ion: 75 Resp: 24651

Ion Ratio Lower Upper

75 100

77 2.7 0.0 0.0#





#78

n-propylbenzene

Concen: 10.161 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

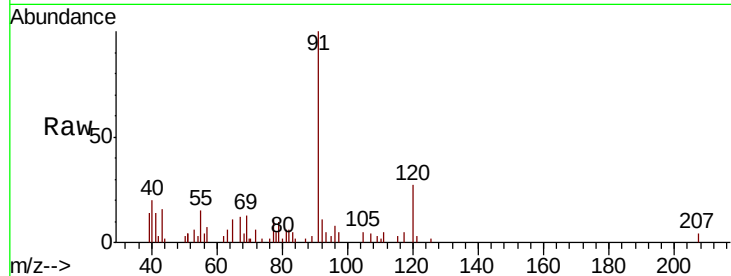
CAPEMAY-ST-DRUMRE

Tot Ion: 91 Resp: 14649

Ion Ratio Lower Upper

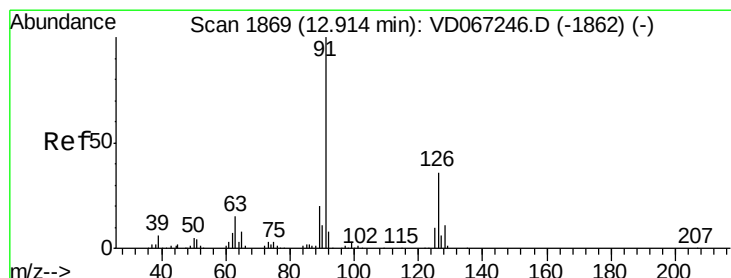
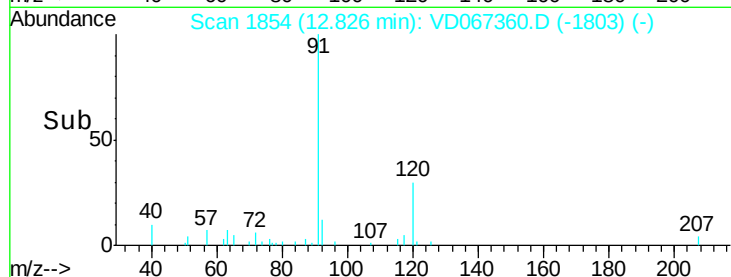
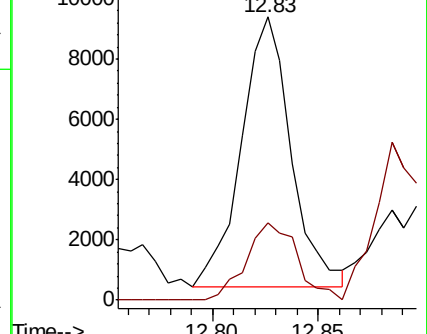
91 100

120 29.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.581 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD067360.D

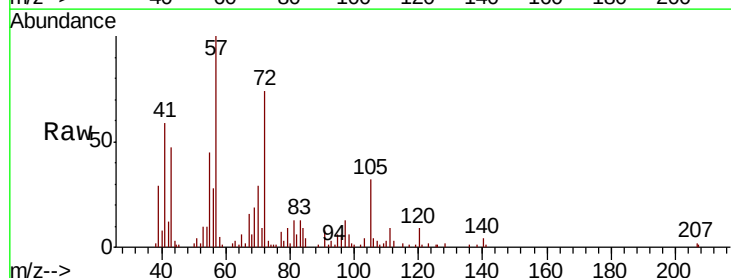
Acq: 22 Oct 2020 14:16

Tgt Ion: 91 Resp: 2158

Ion Ratio Lower Upper

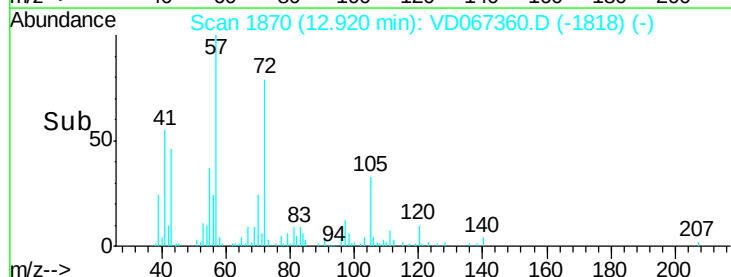
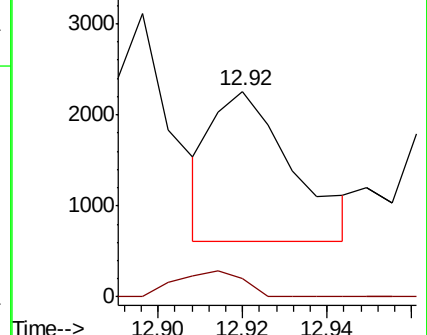
91 100

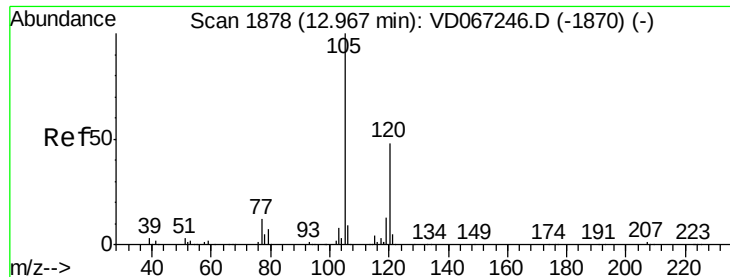
126 14.4 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 9.457 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

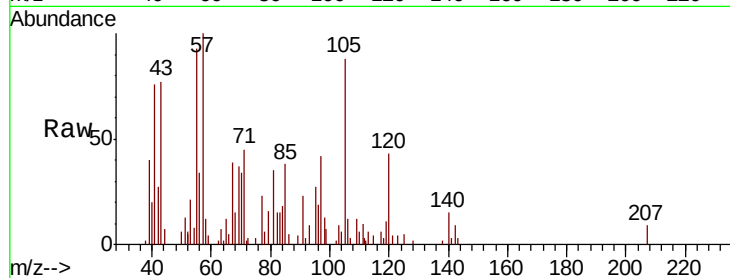
CAPEMAY-ST-DRUMRE

Tot Ion:105 Resp: 10226

Ion Ratio Lower Upper

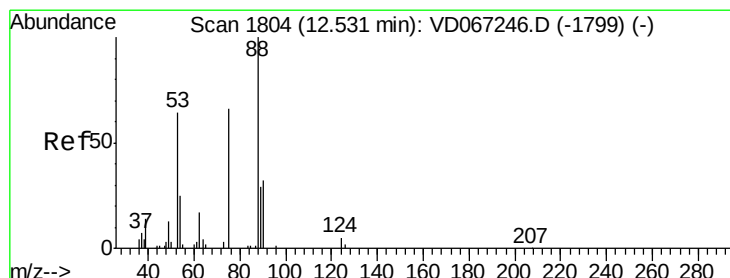
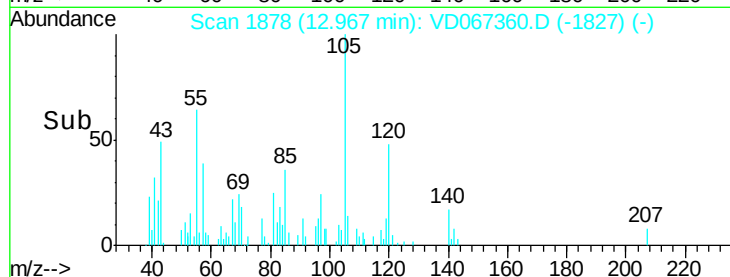
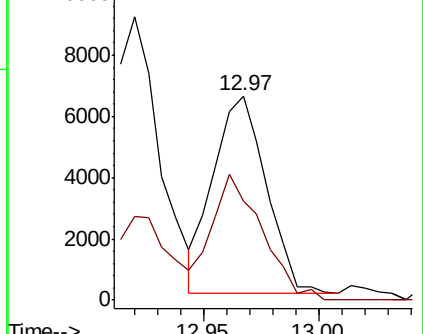
105 100

120 61.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 411.376 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

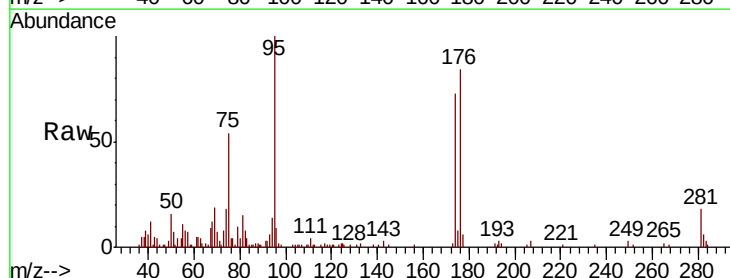
Tgt Ion: 75 Resp: 24651

Ion Ratio Lower Upper

75 100

53 6.5 78.5 117.7#

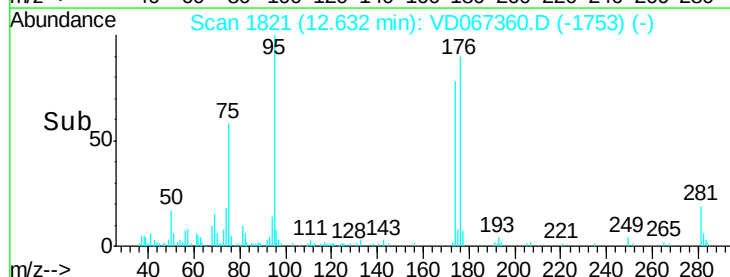
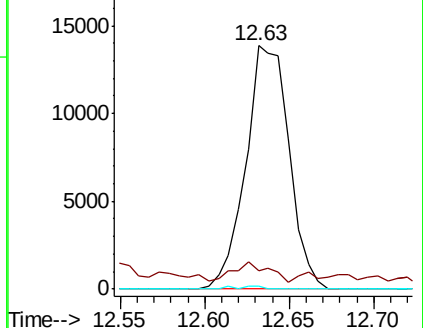
89 0.8 39.9 59.9#

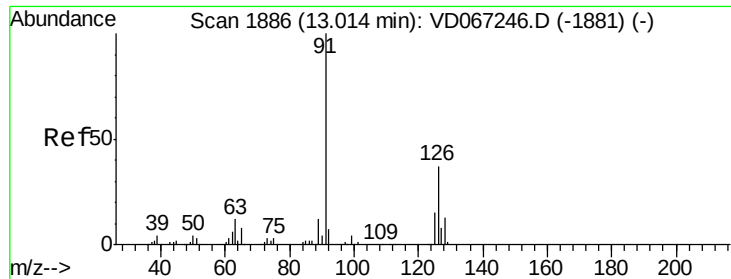


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#82

4-Chlorotoluene

Concen: 1.012 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

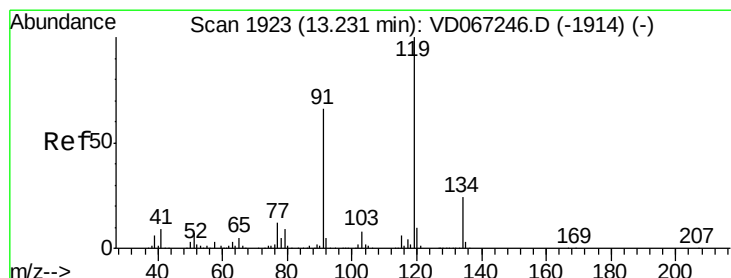
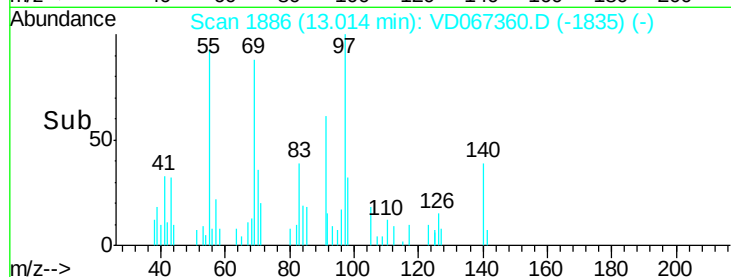
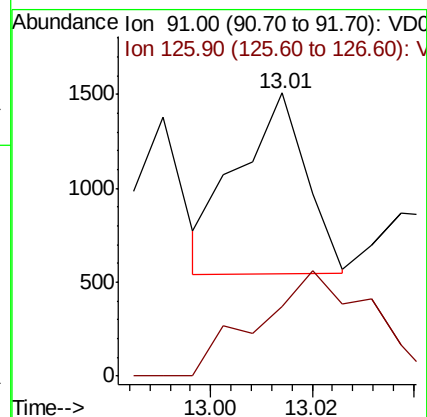
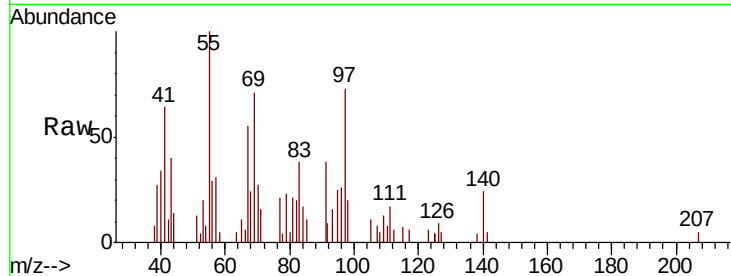
CAPEMAY-ST-DRUMRE

Tot Ion: 91 Resp: 898

Ion Ratio Lower Upper

91 100

126 93.7 17.8 53.5#



#83

tert-Butylbenzene

Concen: 1.881 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

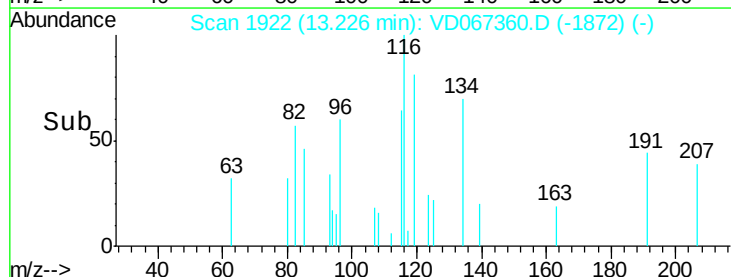
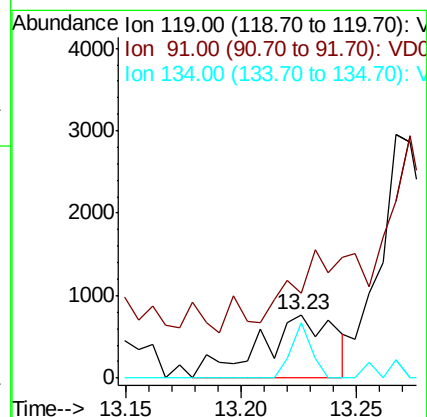
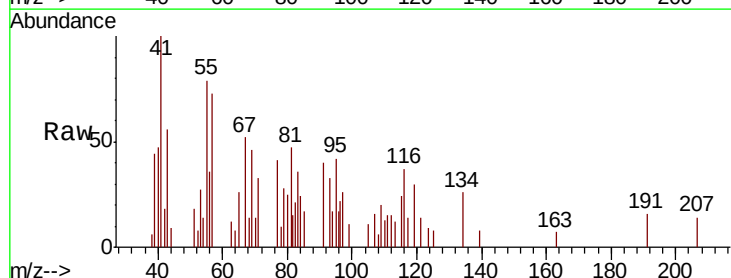
Tgt Ion: 119 Resp: 1718

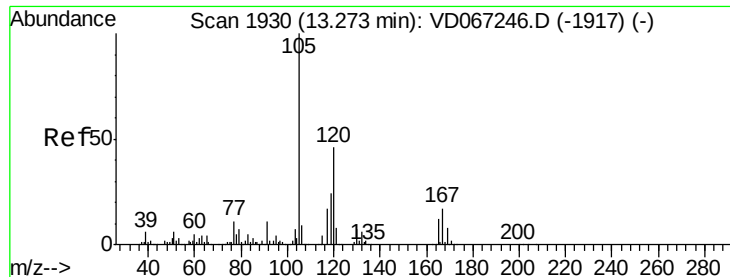
Ion Ratio Lower Upper

119 100

91 0.0 33.1 99.2#

134 23.6 13.3 39.9

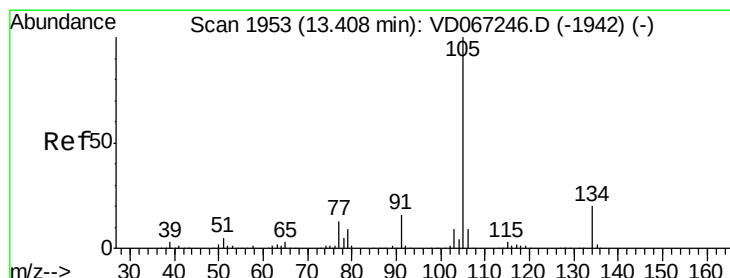
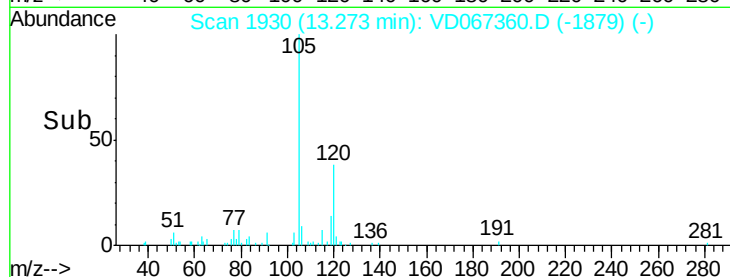
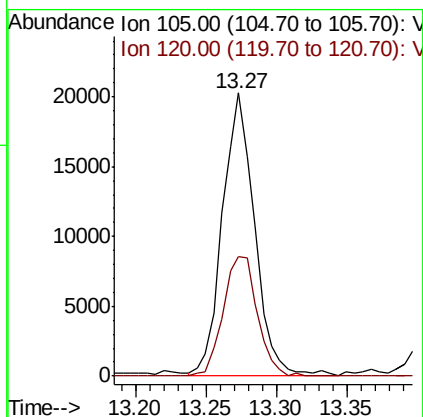
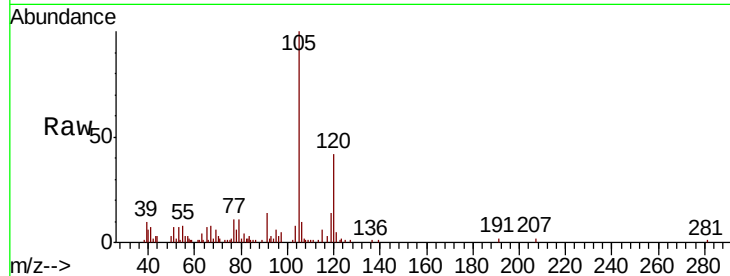




#84
 1,2,4-Trimethylbenzene
 Concen: 30.179 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

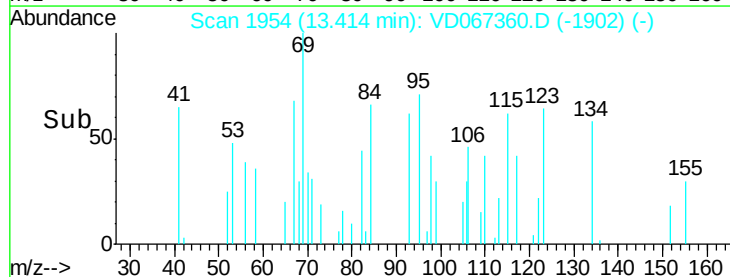
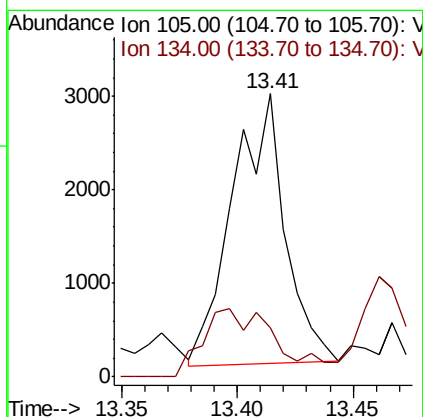
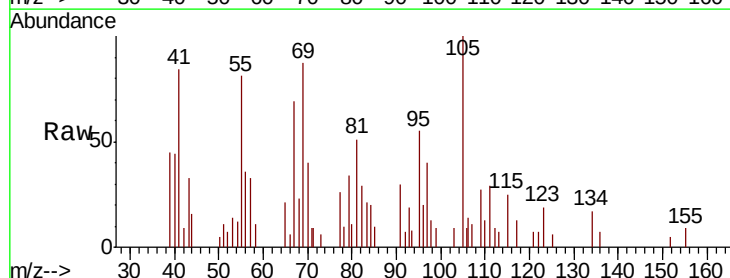
Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

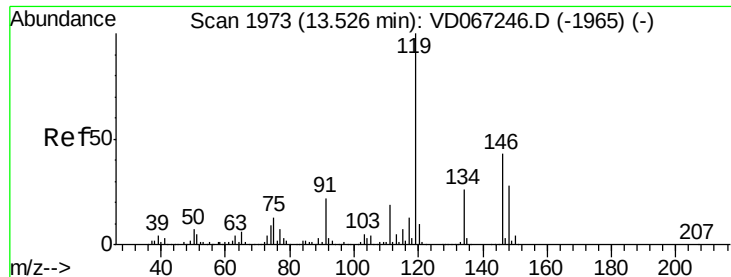
Tot Ion:105 Resp: 32254
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 3.673 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion:105 Resp: 4603
 Ion Ratio Lower Upper
 105 100
 134 35.2 10.5 31.5#

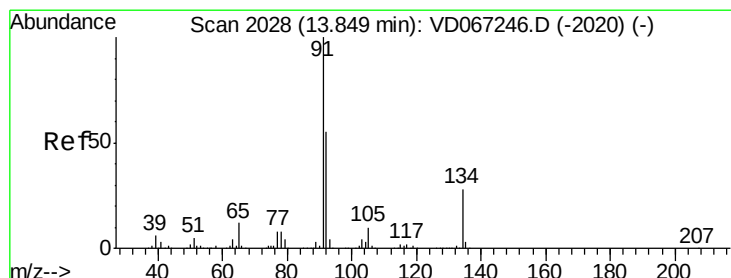
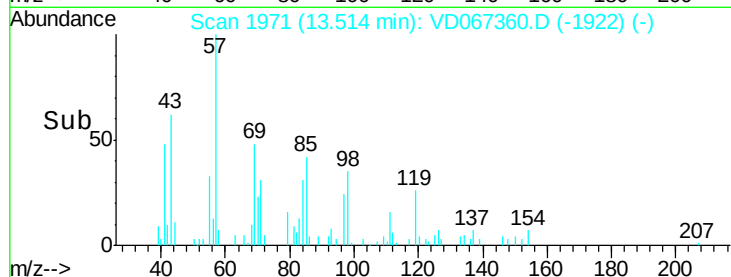
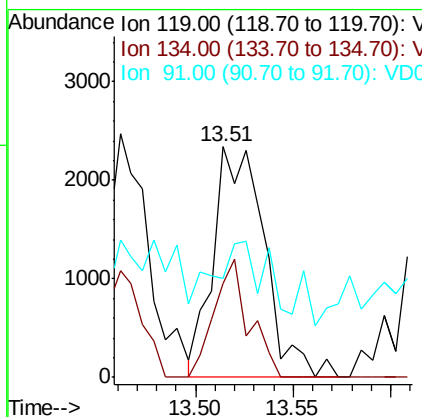
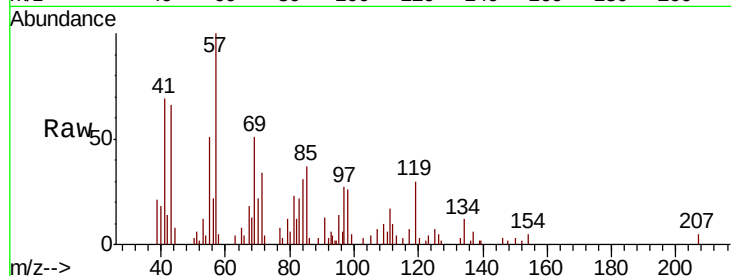




#86
 p-Isopropyltoluene
 Concen: 3.600 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

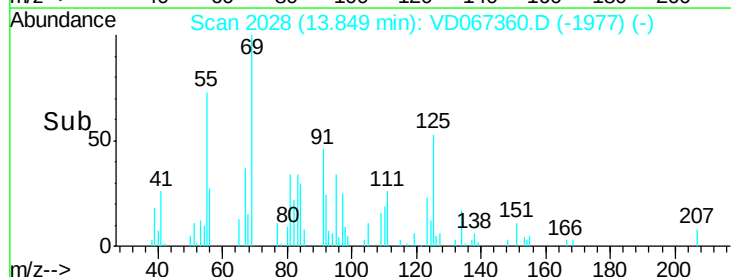
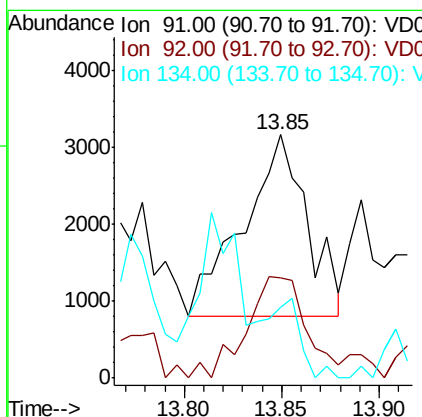
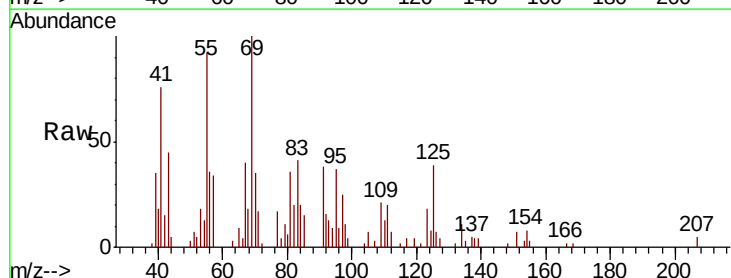
Instrument :
 MSVOA_D
 ClientSampleId :
 CAPEMAY-ST-DRUMRE

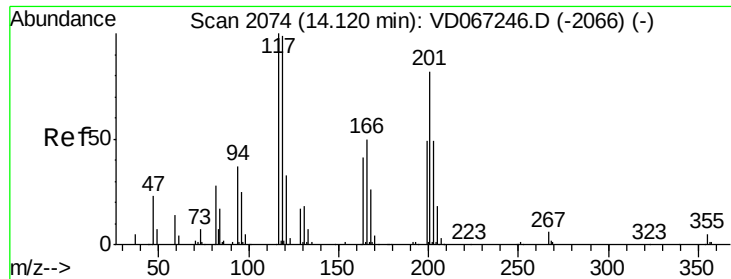
Tot Ion: 119 Resp: 4259
 Ion Ratio Lower Upper
 119 100
 134 35.0 13.1 39.3
 91 22.9 11.9 35.9



#89
 n-Butylbenzene
 Concen: 5.138 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: VD067360.D
 Acq: 22 Oct 2020 14:16

Tgt Ion: 91 Resp: 5347
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.7 80.0
 134 21.4 14.2 42.6





#90

Hexachloroethane

Concen: 4.616 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

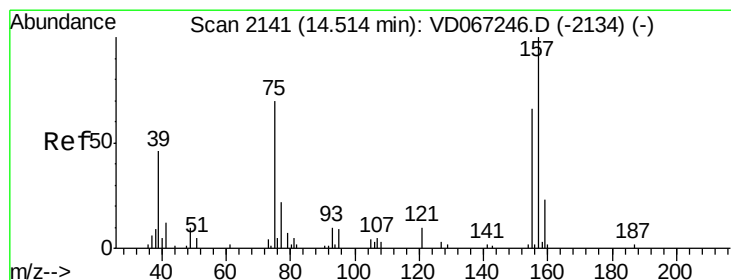
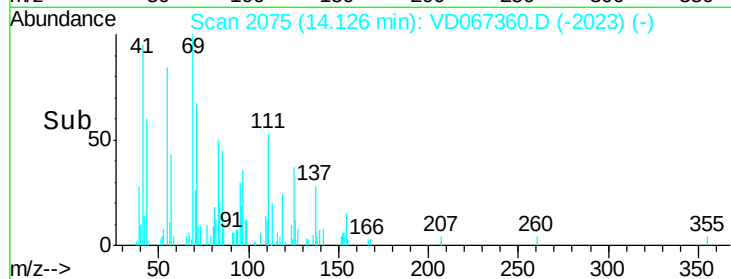
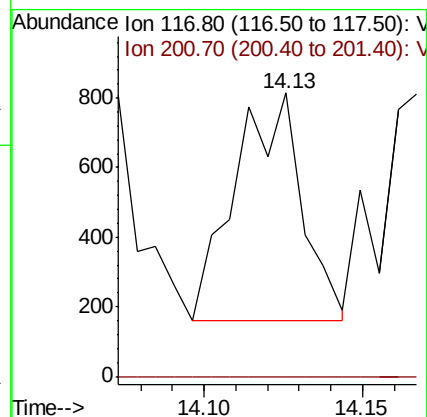
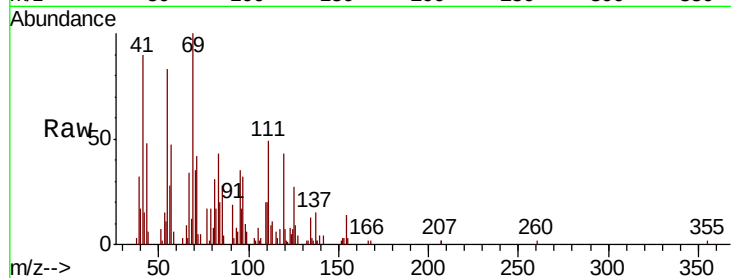
CAPEMAY-ST-DRUMRE

Tot Ion:117 Resp: 953

Ion Ratio Lower Upper

117 100

201 0.0 40.8 122.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.588 ug/l

RT: 14.48 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

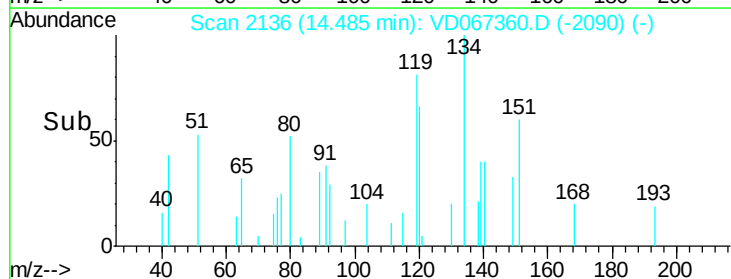
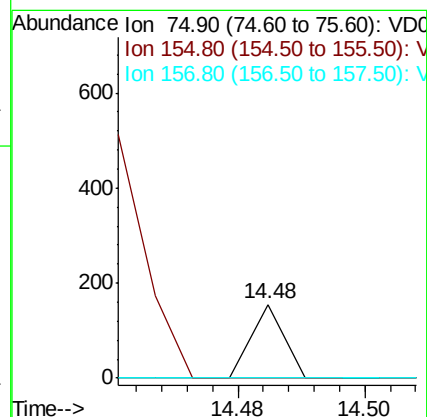
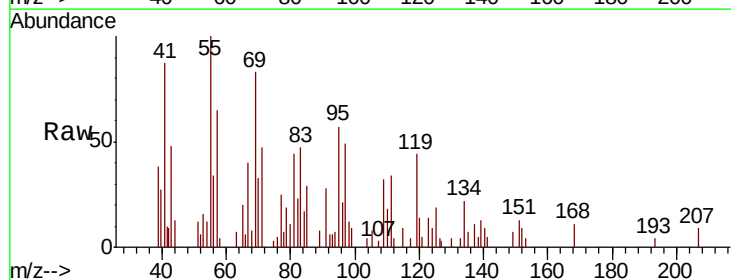
Tgt Ion: 75 Resp: 55

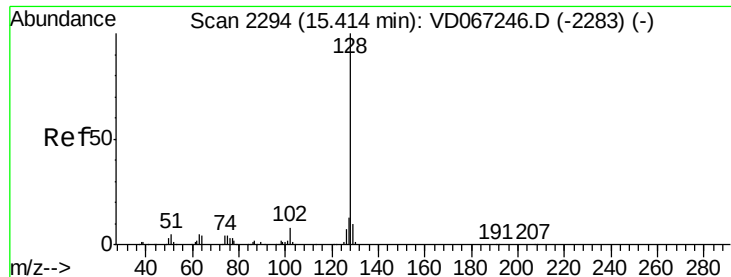
Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 62.5 187.4#





#95

Naphthalene

Concen: 12.814 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067360.D

Acq: 22 Oct 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

CAPEMAY-ST-DRUMRE

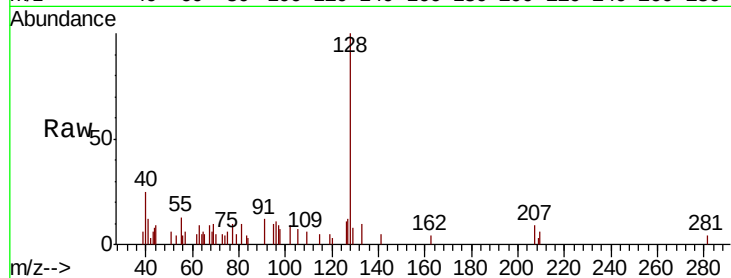
Tot Ion:128 Resp: 7399

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 14.4 8.6 12.8#



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

