

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024792.D
 Acq On : 13 Oct 2021 18:47
 Operator : JC/MD
 Sample : M4169-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCHRE

Quant Time: Oct 14 03:57:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

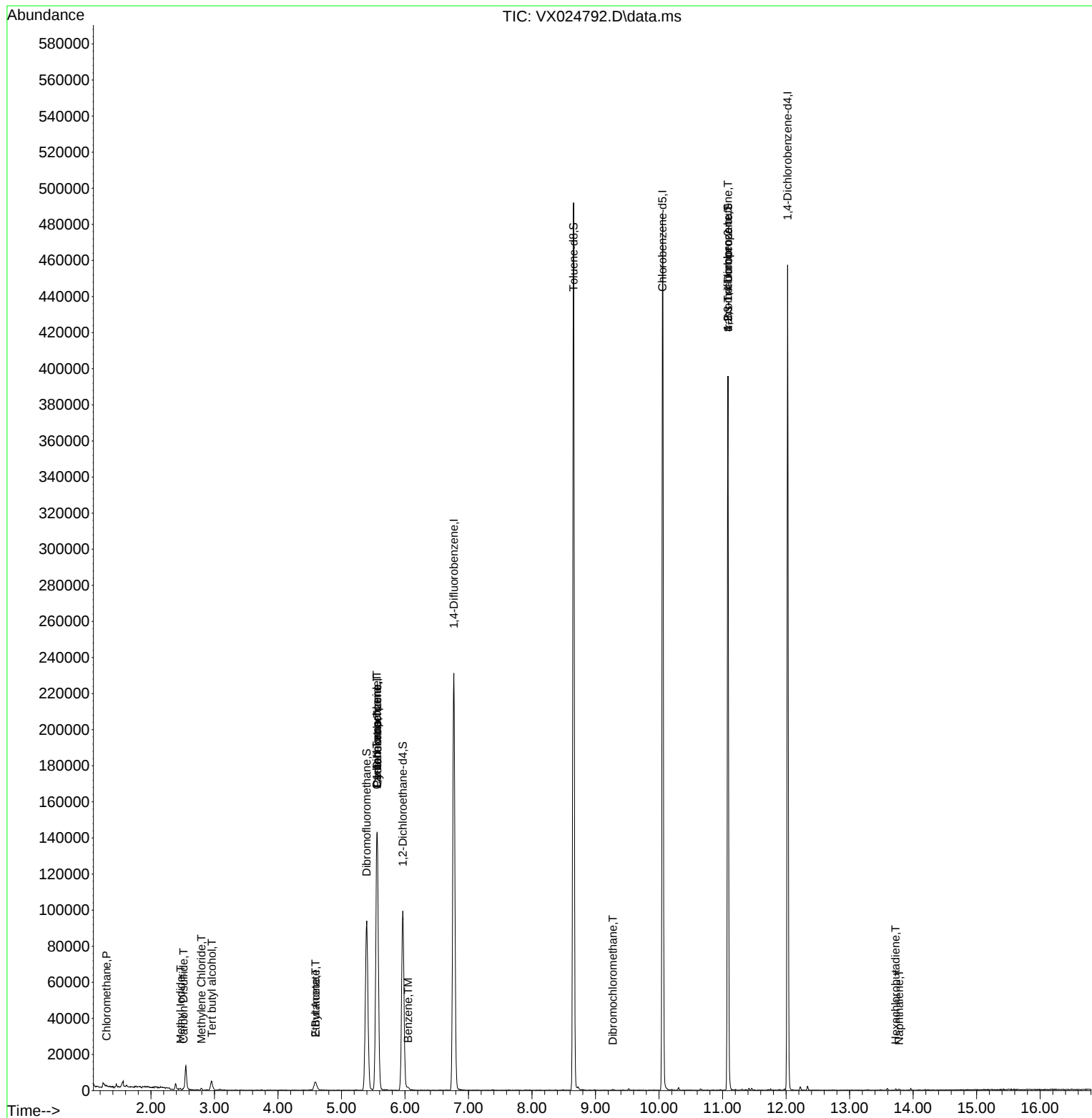
Internal Standards						
1) Pentafluorobenzene	5.562	168	135805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100750	60.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.720%#			
35) Dibromofluoromethane	5.397	113	79388	57.126	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.260%			
50) Toluene-d8	8.653	98	290064	56.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.860%#			
62) 4-Bromofluorobenzene	11.085	95	104471	51.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.340%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	316	0.251	ug/l #	79
5) Bromomethane	1.617	94	436	Below Cal	#	74
10) Methyl Iodide	2.465	142	840	1.415	ug/l #	89
11) Tert butyl alcohol	2.959	59	3673	10.440	ug/l #	75
16) Acetone	2.386	43	3352	Below Cal		93
17) Carbon Disulfide	2.514	76	1229	0.397	ug/l	96
20) Methylene Chloride	2.794	84	432	0.305	ug/l #	73
25) 2-Butanone	4.592	43	720	0.606	ug/l #	48
31) Cyclohexane	5.562	56	2717	1.222	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	10691	5.175	ug/l #	50
37) Ethyl Acetate	4.592	43	720	0.303	ug/l #	71
38) Carbon Tetrachloride	5.556	117	13681	5.910	ug/l #	16
40) Benzene	6.050	78	1677	0.282	ug/l	96
59) 2-Hexanone	9.427	43	40	Below Cal	#	25
60) Dibromochloromethane	9.275	129	149	0.868	ug/l #	11
70) Styrene	10.665	104	274	Below Cal		91
76) 1,2,3-Trichloropropane	11.085	75	54645	28.039	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	54645	75.435	ug/l #	9
94) Hexachlorobutadiene	13.725	225	277	0.318	ug/l	70
95) Naphthalene	13.780	128	802	0.376	ug/l #	69

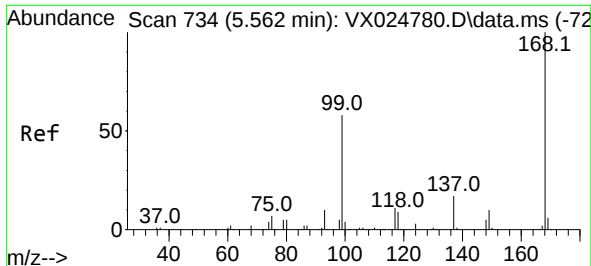
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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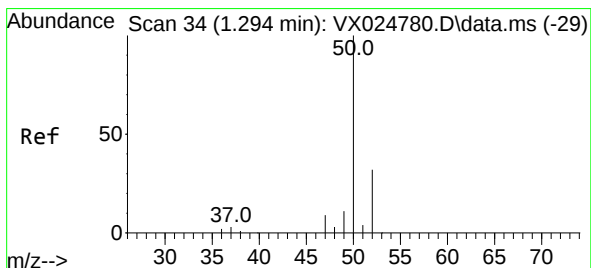
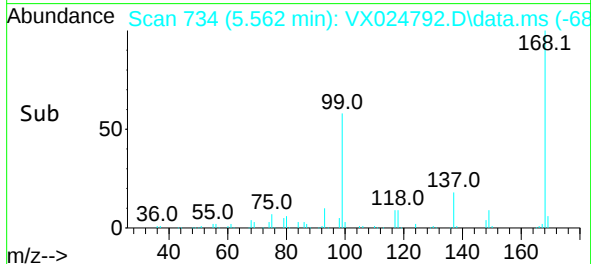
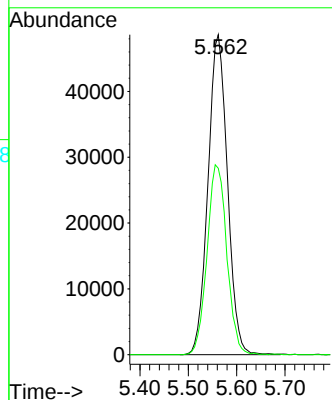
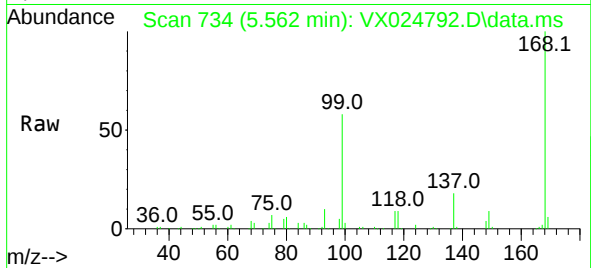




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

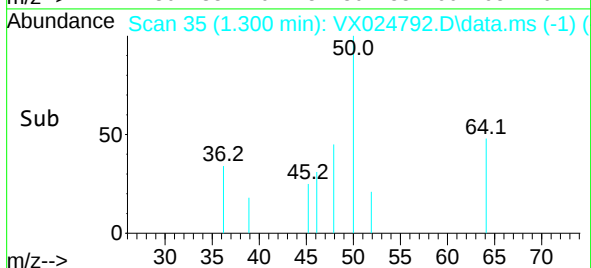
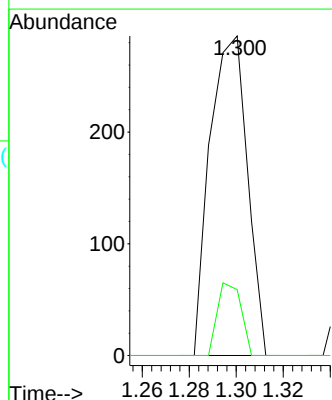
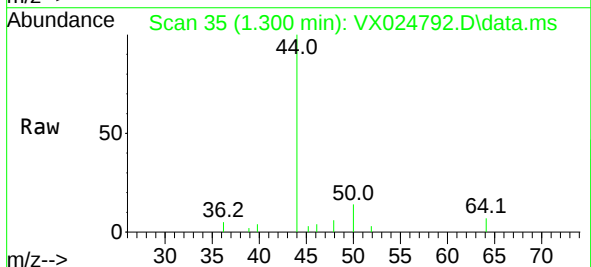
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

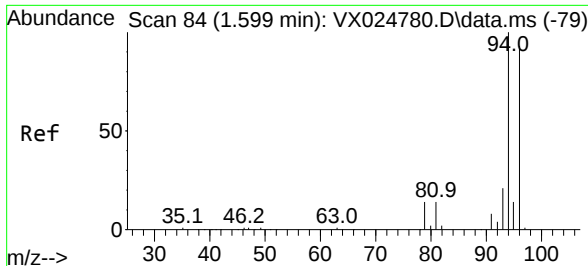
Tgt Ion:168 Resp: 135805
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6



#3
Chloromethane
Concen: 0.251 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 50 Resp: 316
Ion Ratio Lower Upper
50 100
52 20.6 25.9 38.9#

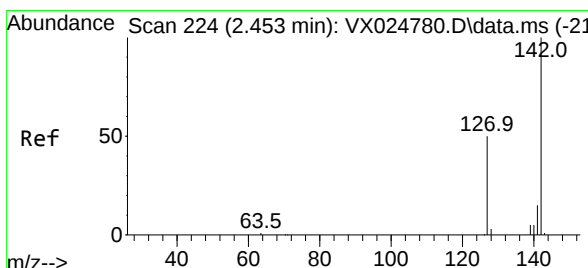
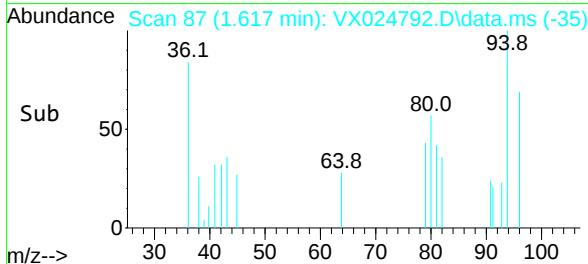
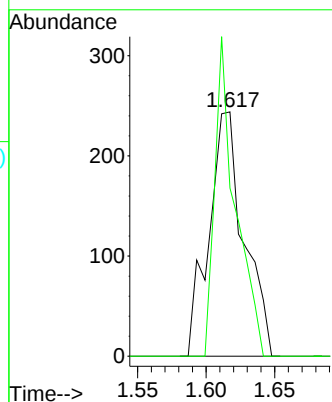
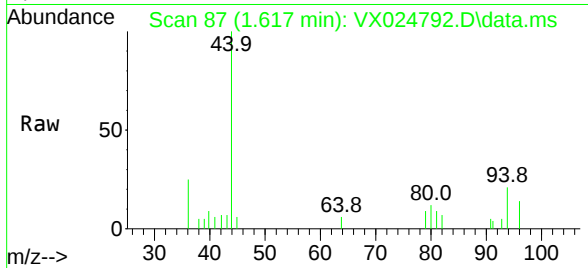




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

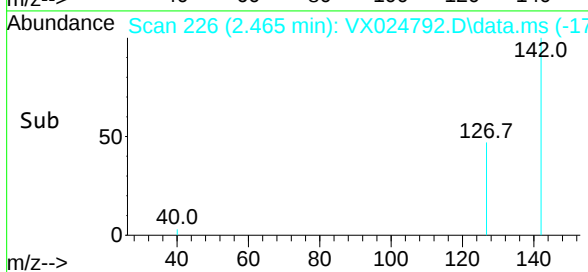
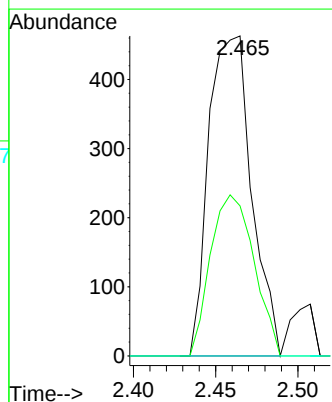
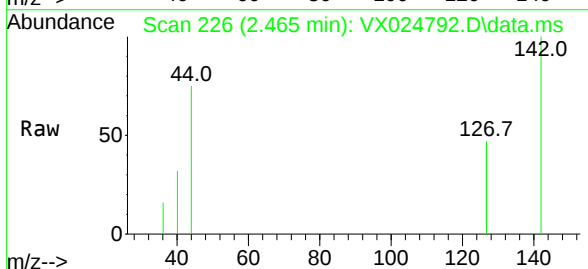
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

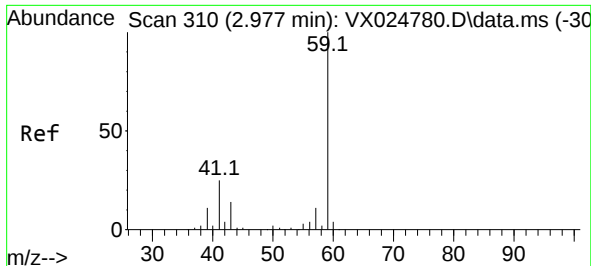
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 68.9 74.8 112.2#



#10
Methyl Iodide
Concen: 1.415 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 142 Resp: 840
Ion Ratio Lower Upper
142 100
127 51.1 38.9 58.3
141 0.0 11.7 17.5#



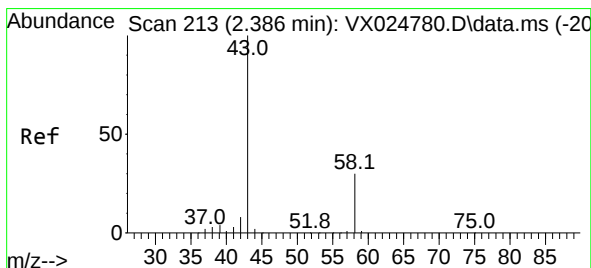
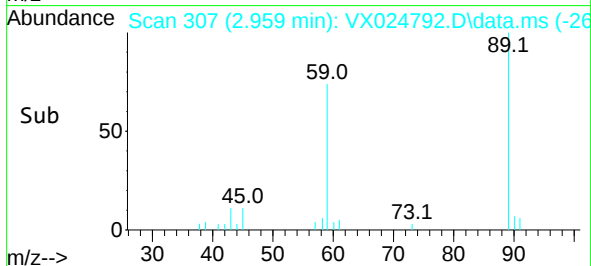
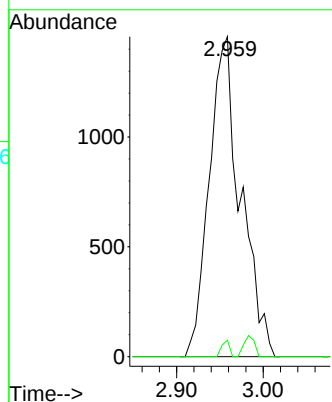
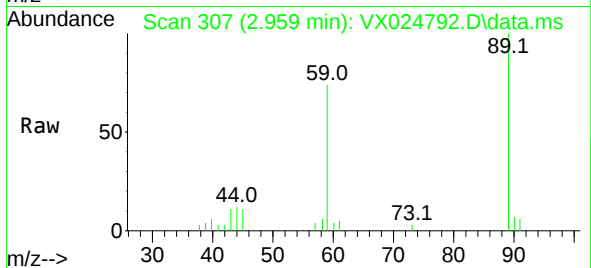


#11

Tert butyl alcohol
Concen: 10.440 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

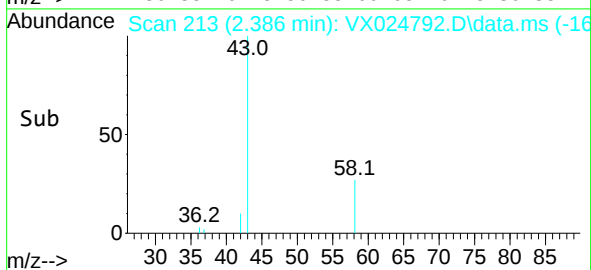
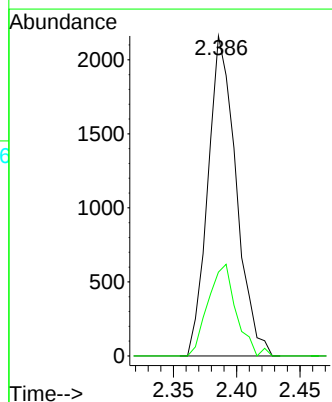
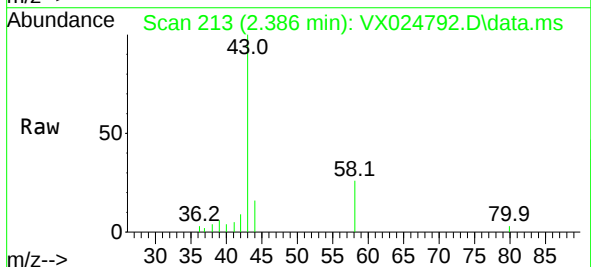
Tgt Ion: 59 Resp: 3673
Ion Ratio Lower Upper
59 100
57 1.3 8.5 12.7#

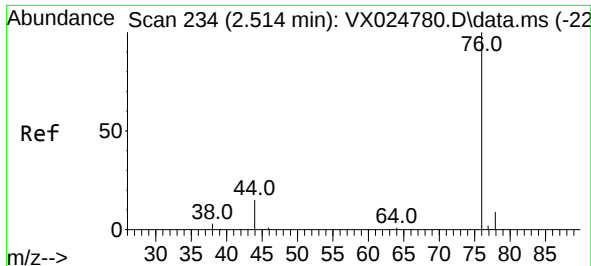


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

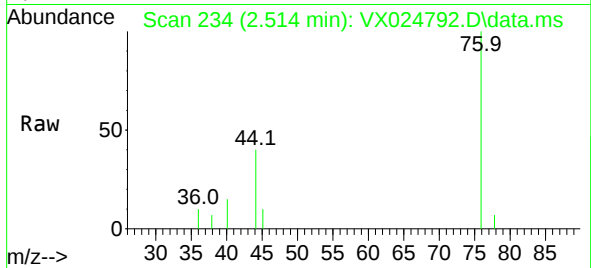
Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 26.2 24.0 36.0



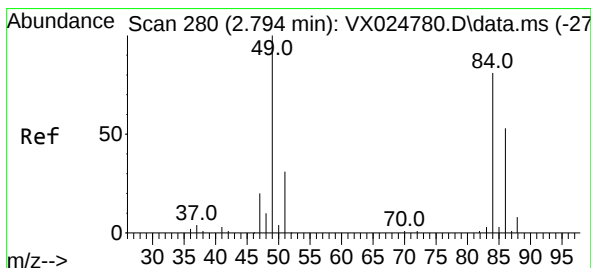
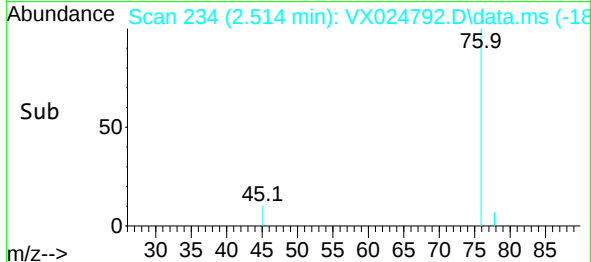
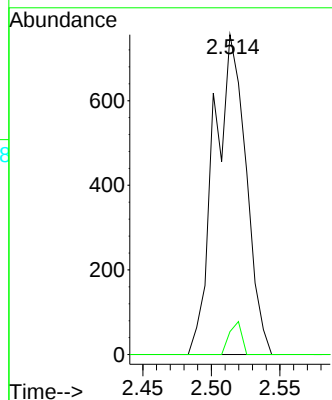


#17
Carbon Disulfide
Concen: 0.397 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

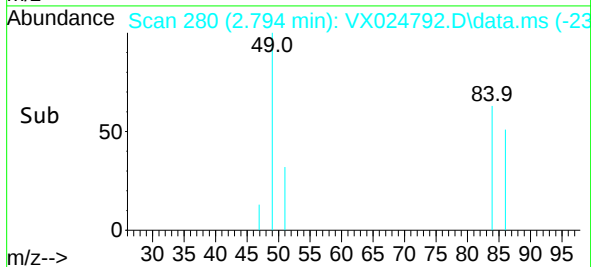
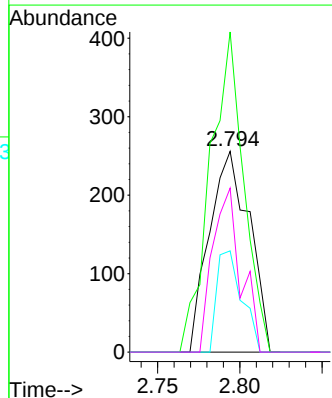
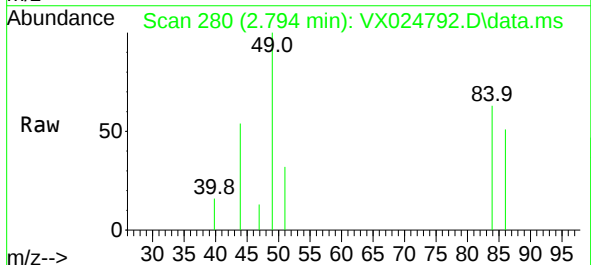


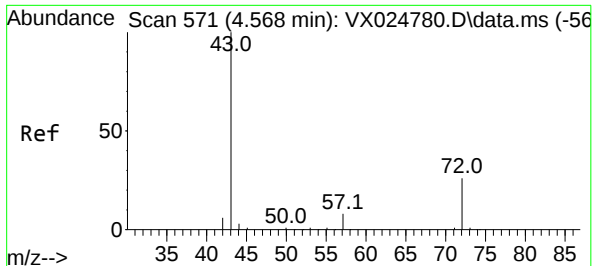
Tgt Ion: 76 Resp: 1229
Ion Ratio Lower Upper
76 100
78 7.1 6.9 10.3



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 84 Resp: 432
Ion Ratio Lower Upper
84 100
49 159.4 98.2 147.2#
51 50.4 30.2 45.4#
86 81.6 52.2 78.2#

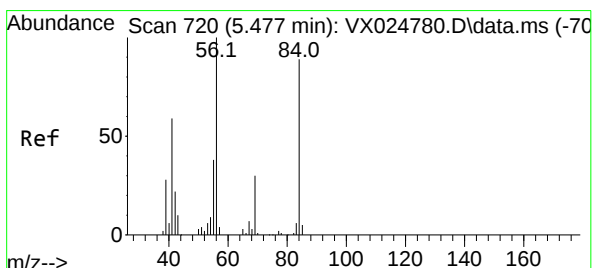
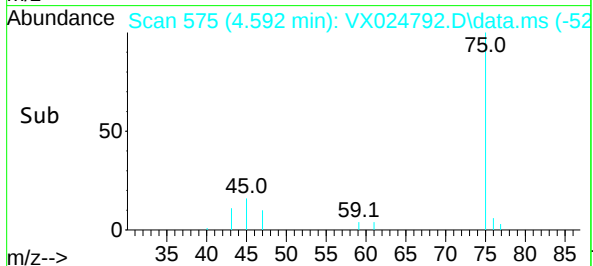
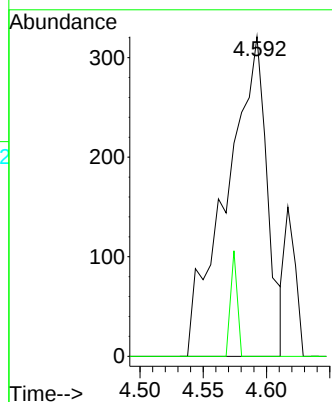
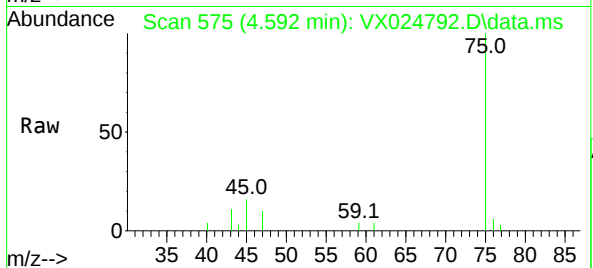




#25
2-Butanone
Concen: 0.606 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

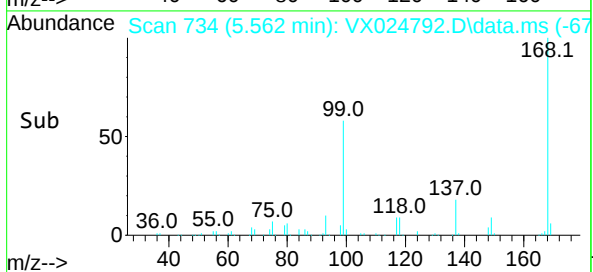
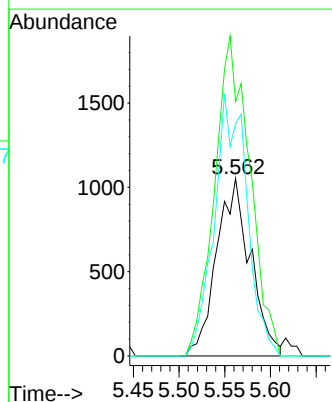
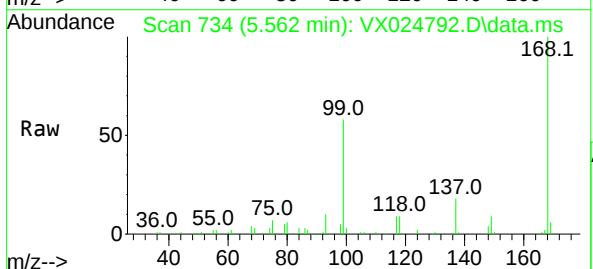
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

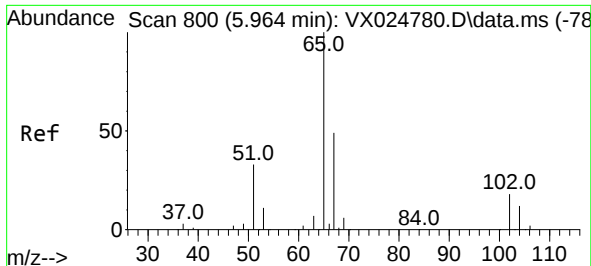
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 56 Resp: 2717
Ion Ratio Lower Upper
56 100
69 143.4 24.2 36.2#
84 131.1 71.5 107.3#

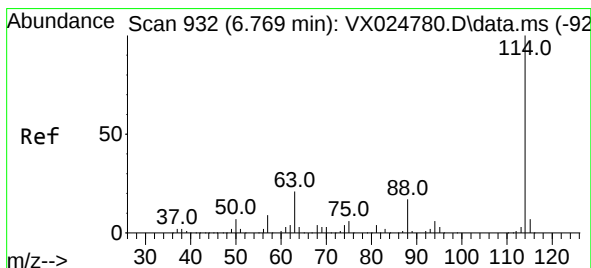
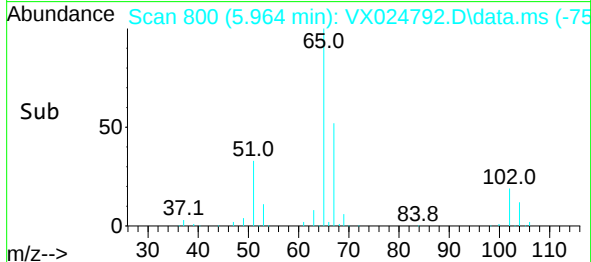
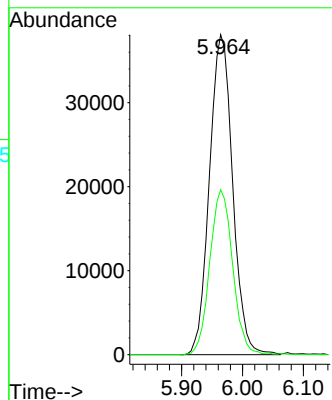
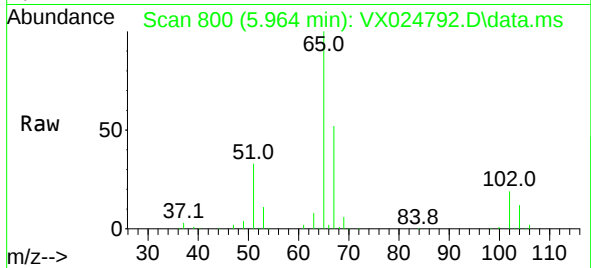




#33
 1,2-Dichloroethane-d4
 Concen: 60.359 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX024792.D
 Acq: 13 Oct 2021 18:47

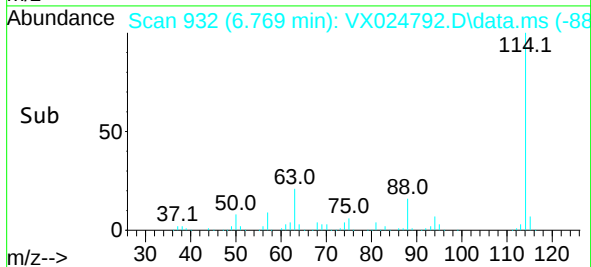
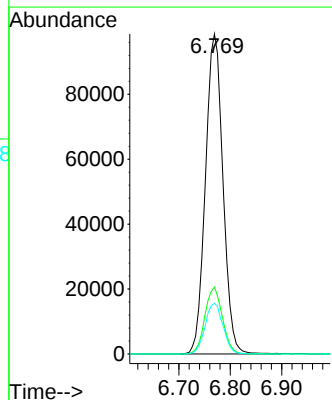
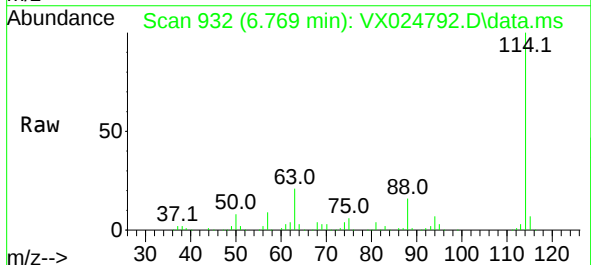
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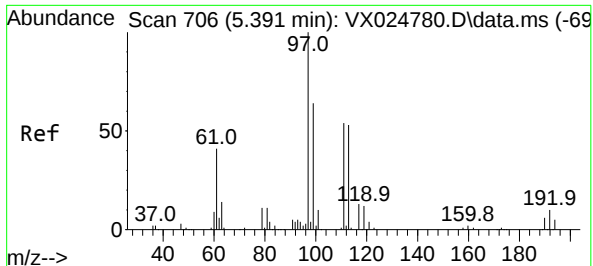
Tgt Ion: 65 Resp: 100750
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX024792.D
 Acq: 13 Oct 2021 18:47

Tgt Ion: 114 Resp: 233439
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.0
 88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 57.126 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX024792.D

Acq: 13 Oct 2021 18:47

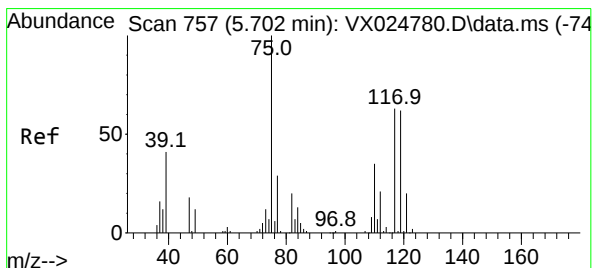
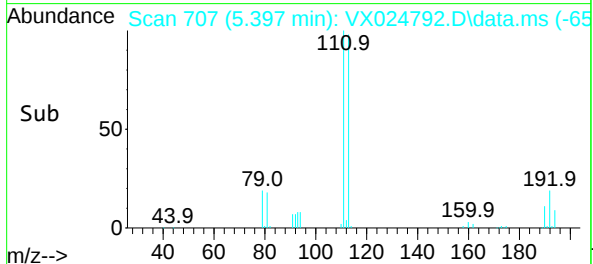
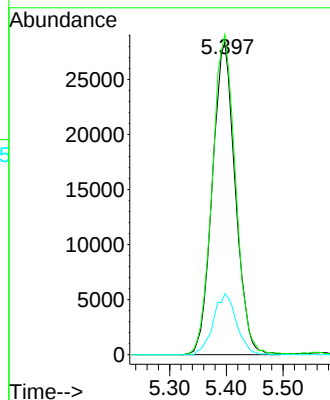
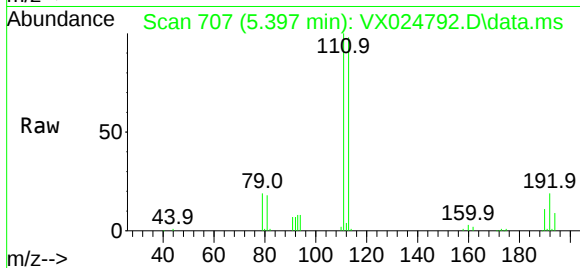
Tgt Ion:113 Resp: 79388

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 19.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024792.D

Acq: 13 Oct 2021 18:47

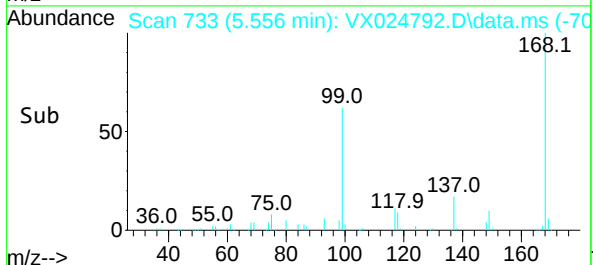
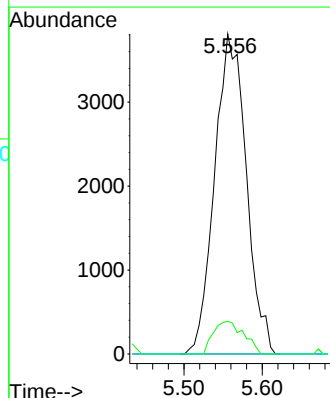
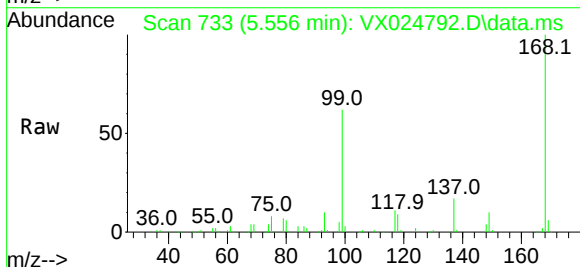
Tgt Ion: 75 Resp: 10691

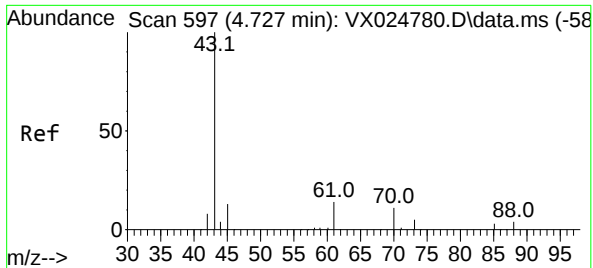
Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.3#

77 0.0 24.4 36.6#

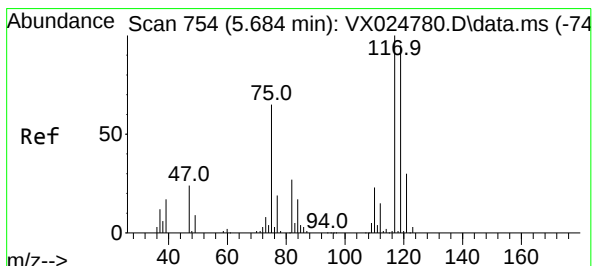
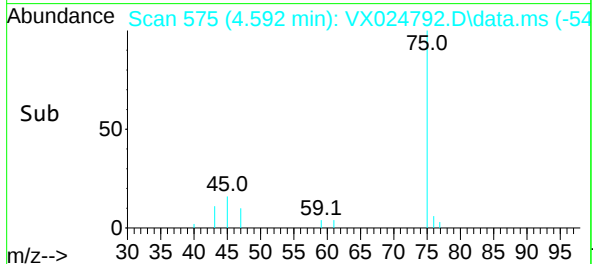
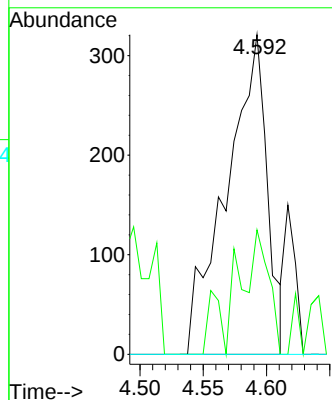
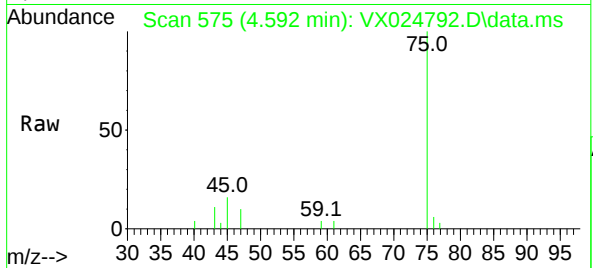




#37
Ethyl Acetate
Concen: 0.303 ug/l
RT: 4.592 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

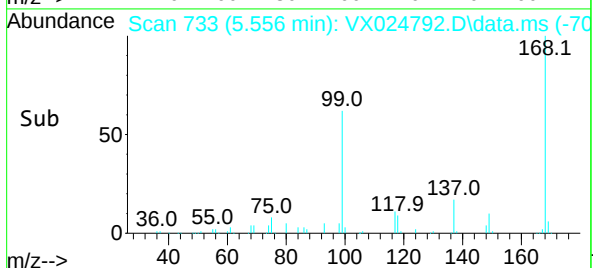
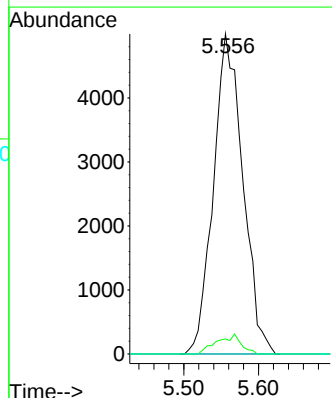
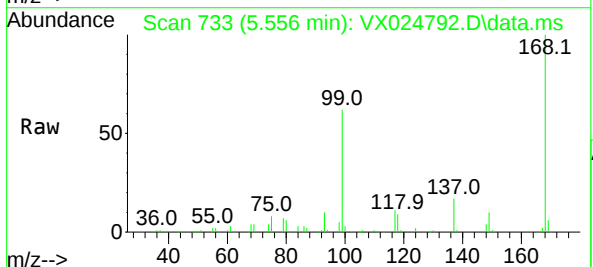
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

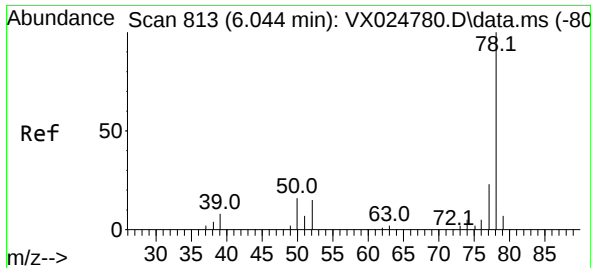
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
61 26.3 11.4 17.0#
70 0.0 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 117 Resp: 13681
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 23.7 35.5#

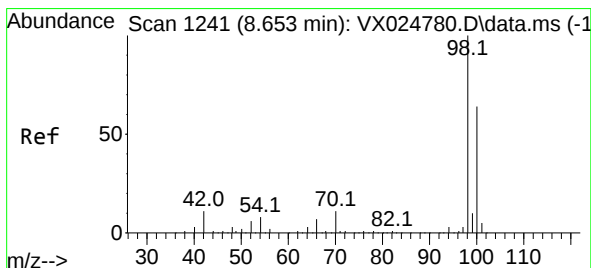
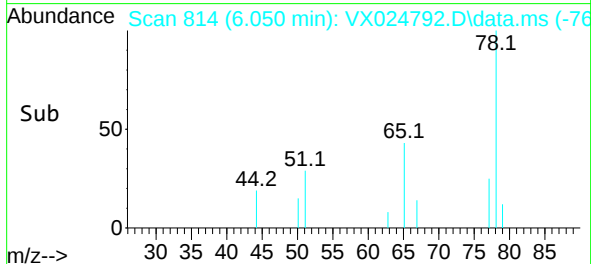
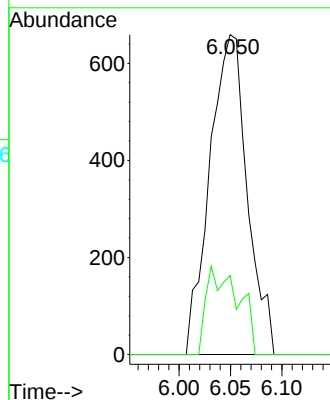
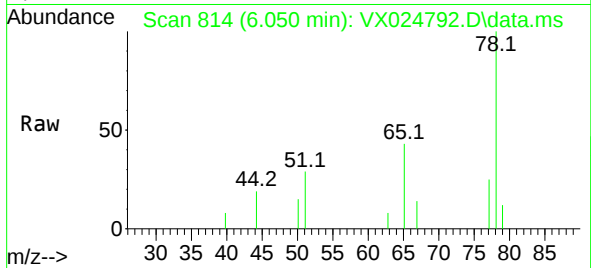




#40
Benzene
Concen: 0.282 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

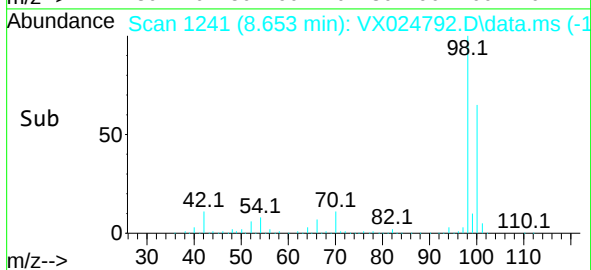
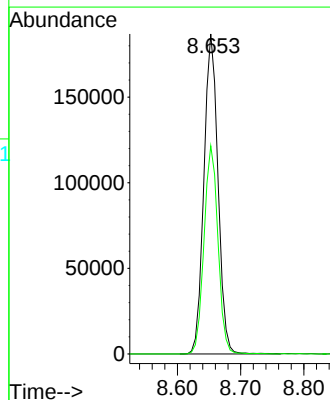
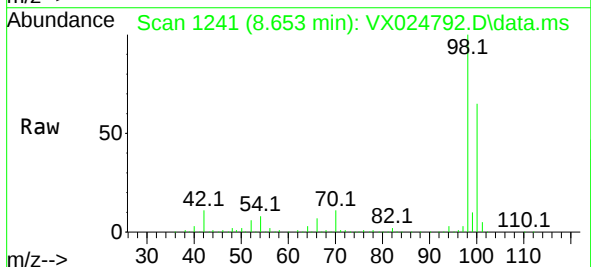
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

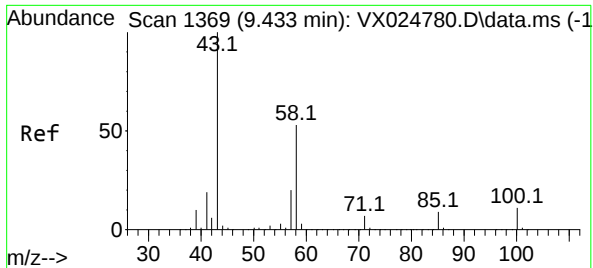
Tgt Ion: 78 Resp: 1677
Ion Ratio Lower Upper
78 100
77 24.7 18.3 27.5



#50
Toluene-d8
Concen: 56.427 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 98 Resp: 290064
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

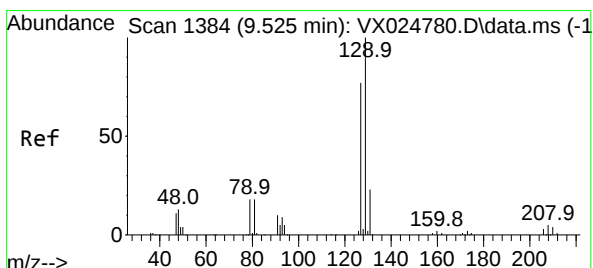
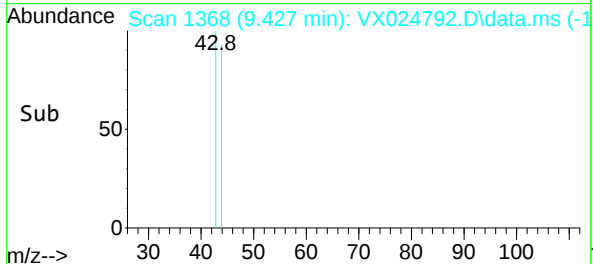
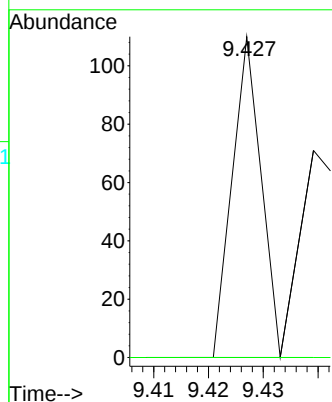
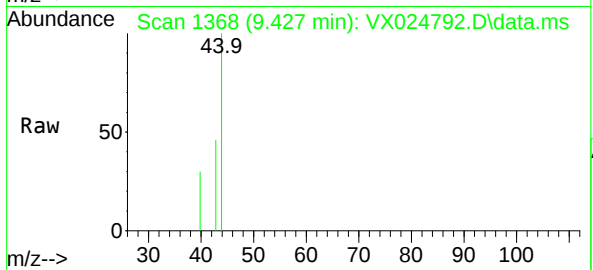




#59
2-Hexanone
Concen: Below Cal
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

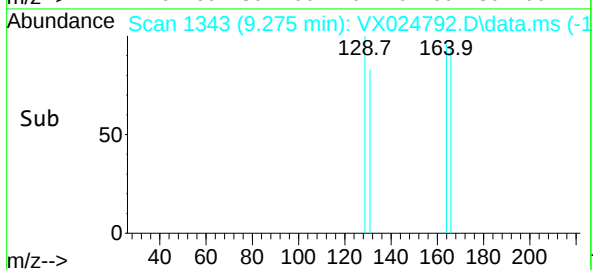
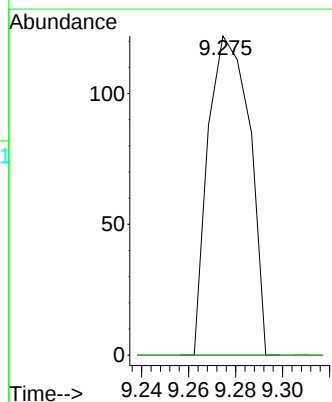
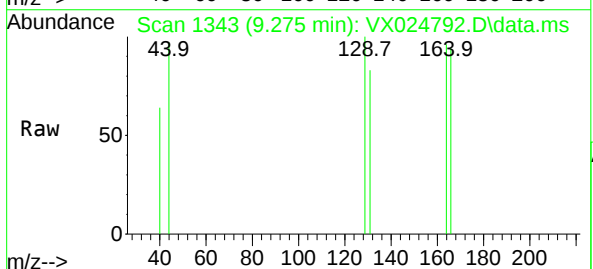
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

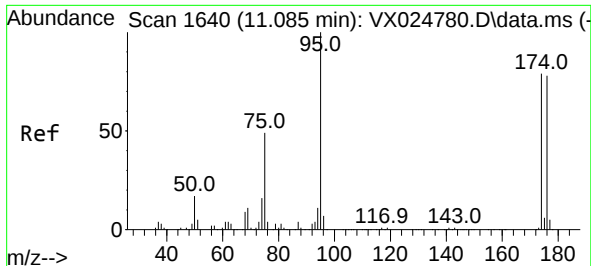
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 0.868 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 129 Resp: 149
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

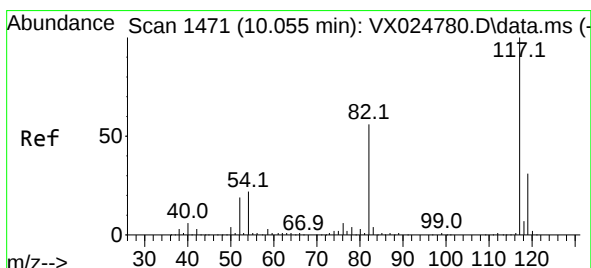
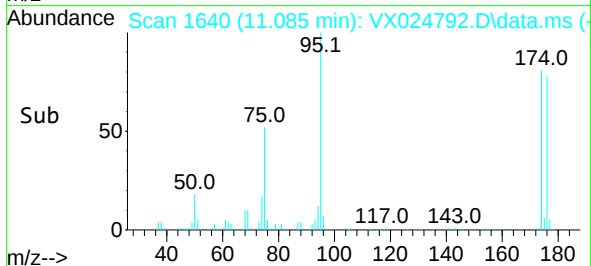
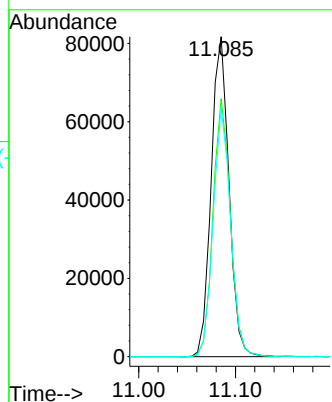
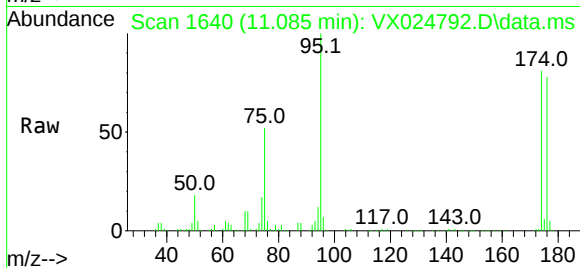




#62
4-Bromofluorobenzene
Concen: 51.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

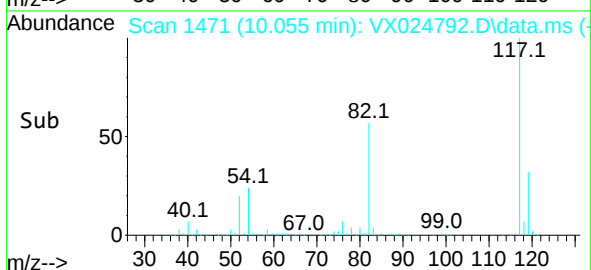
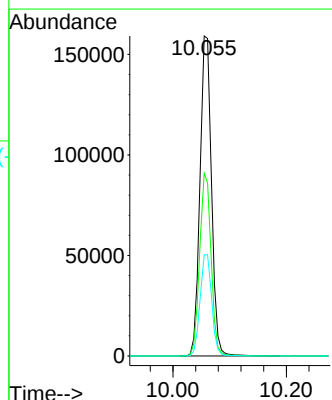
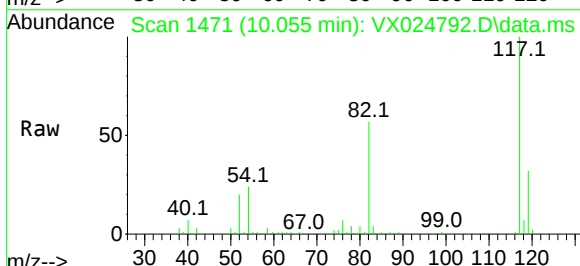
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

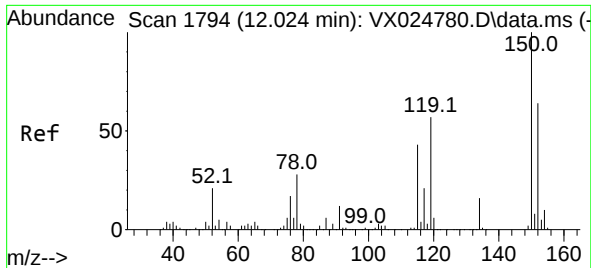
Tgt Ion: 95 Resp: 104471
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.0
176 76.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Tgt Ion: 117 Resp: 224245
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.6 24.8 37.2

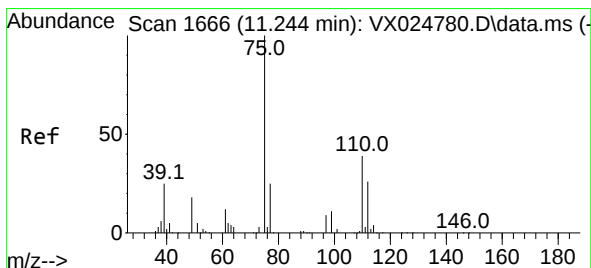
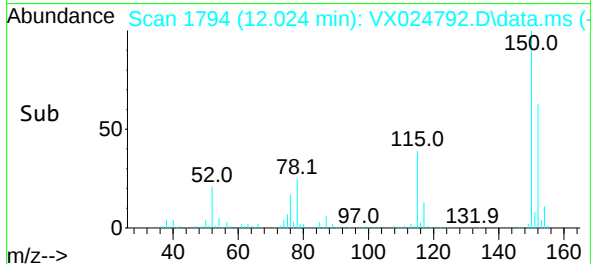
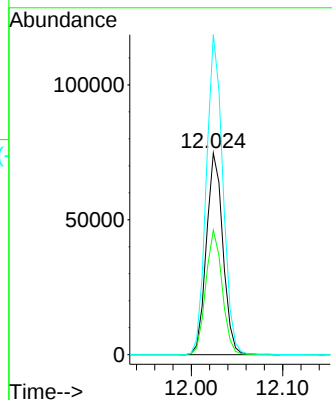
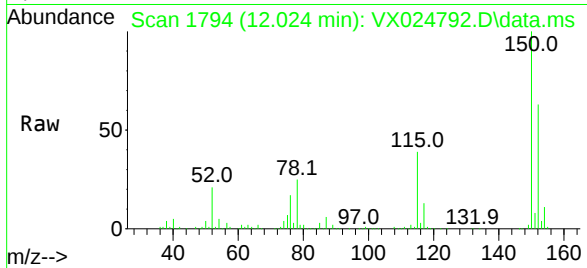




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024792.D
 Acq: 13 Oct 2021 18:47

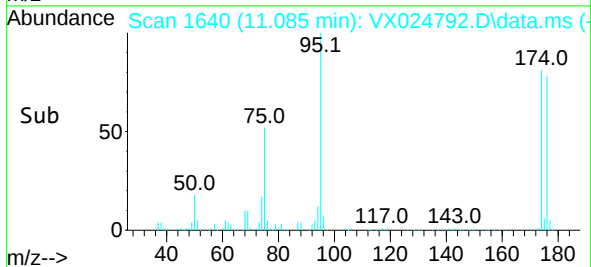
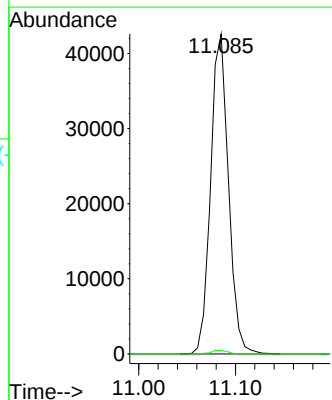
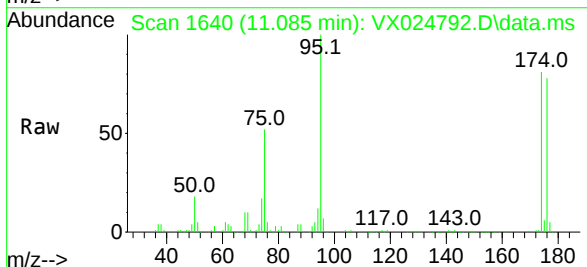
Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCHRE

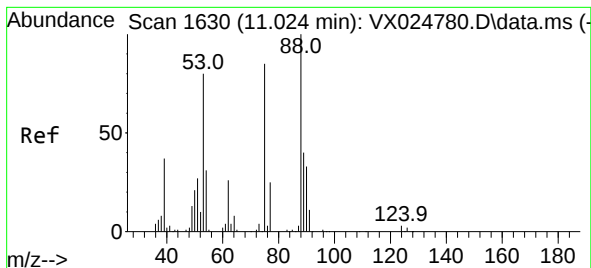
Tgt Ion:152 Resp: 93415
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.3 129.8
 150 158.8 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 28.039 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024792.D
 Acq: 13 Oct 2021 18:47

Tgt Ion: 75 Resp: 54645
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

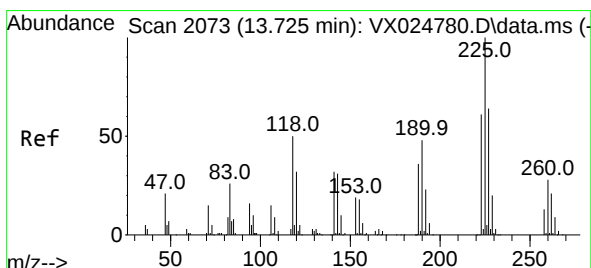
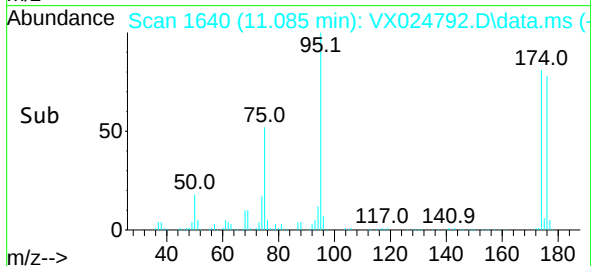
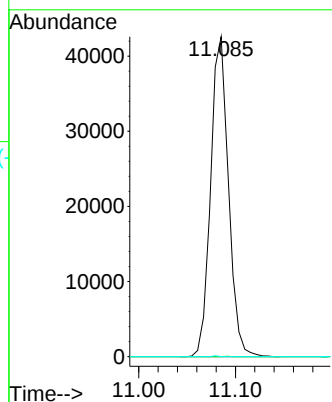
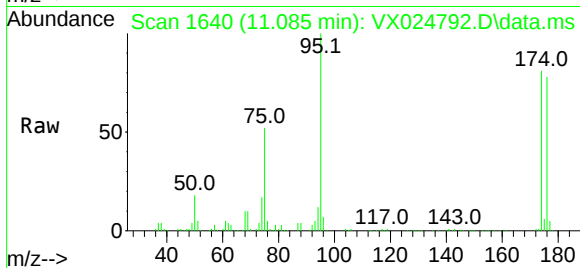




#81
trans-1,4-Dichloro-2-butene
Concen: 75.435 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

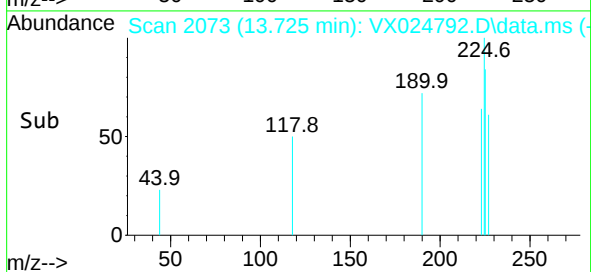
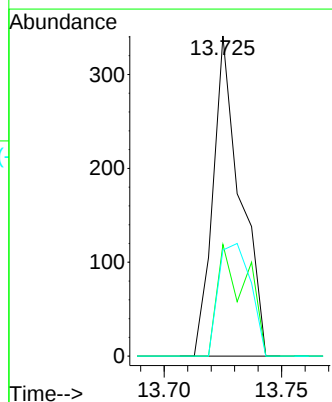
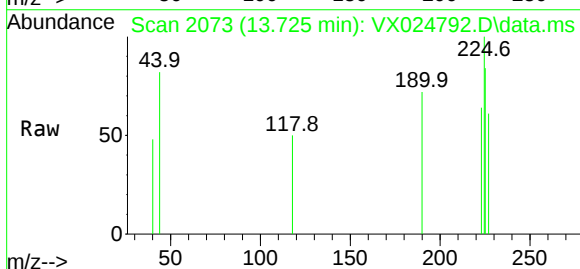
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

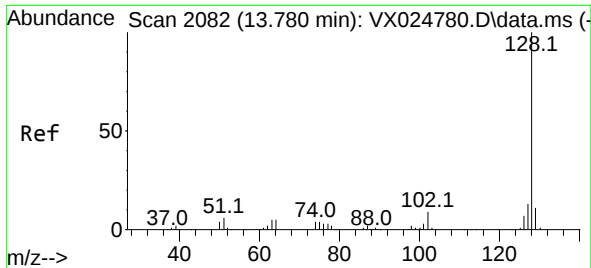
Tgt Ion: 75 Resp: 54645
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#



#94
Hexachlorobutadiene
Concen: 0.318 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

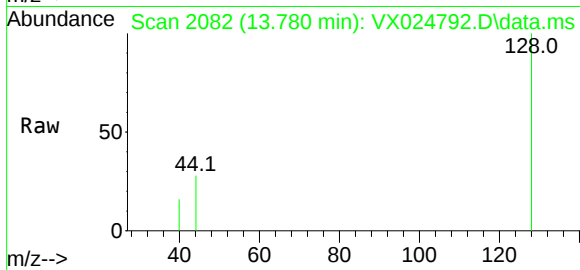
Tgt Ion: 225 Resp: 277
Ion Ratio Lower Upper
225 100
223 36.5 30.9 92.7
227 41.2 31.1 93.5





#95
Naphthalene
Concen: 0.376 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024792.D
Acq: 13 Oct 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE



Tgt Ion:128 Resp: 802
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

