

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024796.D
 Acq On : 13 Oct 2021 20:21
 Operator : JC/MD
 Sample : M4170-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCHRE

Quant Time: Oct 14 03:58:16 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)

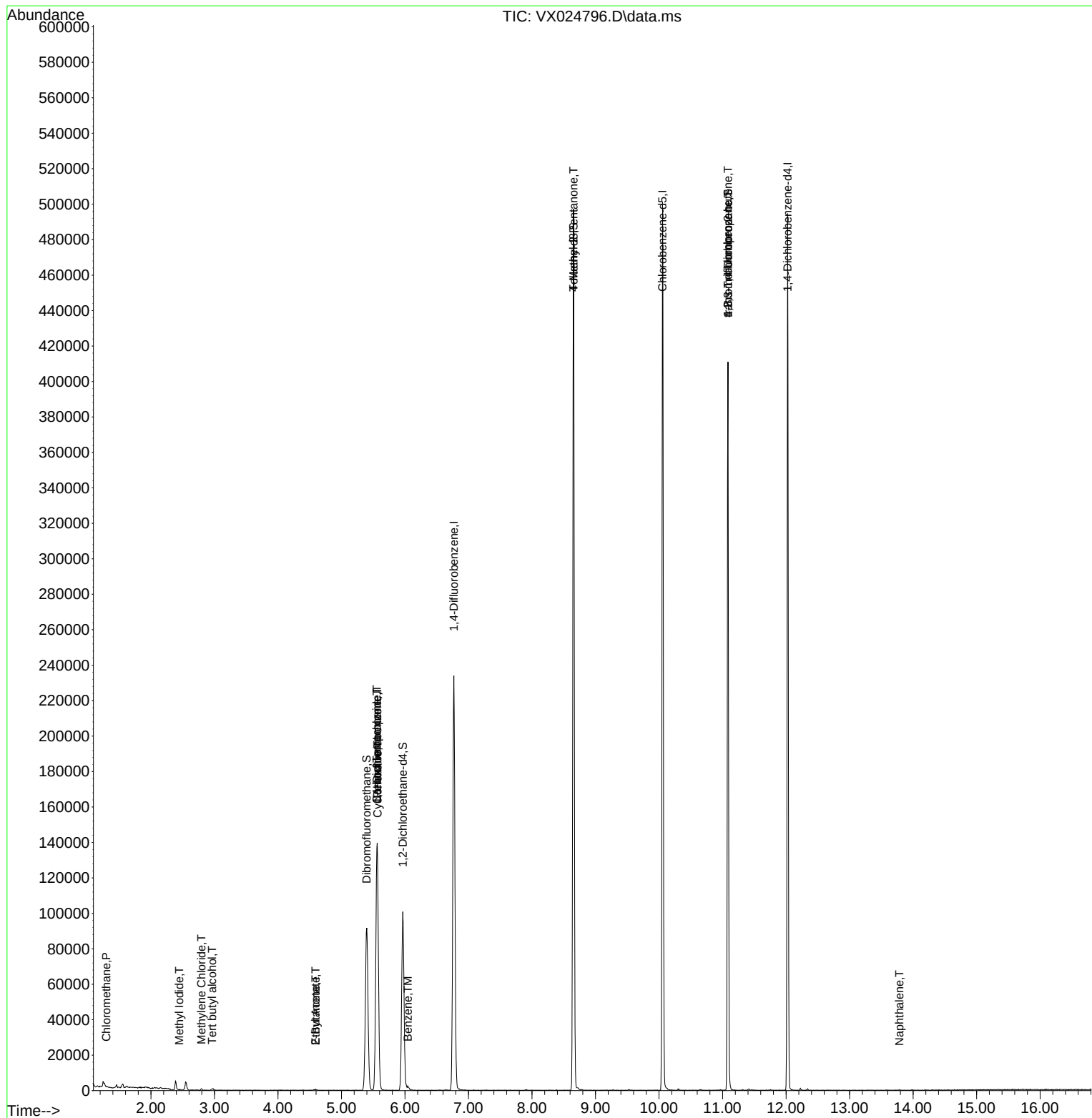
Internal Standards						
1) Pentafluorobenzene	5.562	168	130045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100505	62.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.760%#			
35) Dibromofluoromethane	5.397	113	79586	57.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.900%			
50) Toluene-d8	8.653	98	284263	55.956	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.920%			
62) 4-Bromofluorobenzene	11.085	95	106919	53.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.020%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	290	0.240	ug/l	98
5) Bromomethane	1.624	94	395	Below Cal		97
10) Methyl Iodide	2.447	142	434	1.185	ug/l #	71
11) Tert butyl alcohol	2.965	59	1085	3.220	ug/l #	72
16) Acetone	2.386	43	4973	Below Cal		99
20) Methylene Chloride	2.794	84	359	0.265	ug/l #	89
25) 2-Butanone	4.593	43	668	0.587	ug/l #	89
31) Cyclohexane	5.568	56	2769	1.300	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10044	4.919	ug/l #	50
37) Ethyl Acetate	4.593	43	668	0.284	ug/l #	68
38) Carbon Tetrachloride	5.556	117	13539	5.919	ug/l #	16
40) Benzene	6.044	78	2022	0.345	ug/l #	76
51) 4-Methyl-2-Pentanone	8.653	43	1364	0.565	ug/l #	1
59) 2-Hexanone	9.519	43	51	Below Cal	#	25
70) Styrene	10.659	104	169	Below Cal	#	50
76) 1,2,3-Trichloropropane	11.085	75	56173	27.094	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	56173	72.923	ug/l #	9
95) Naphthalene	13.786	128	259	0.291	ug/l #	69

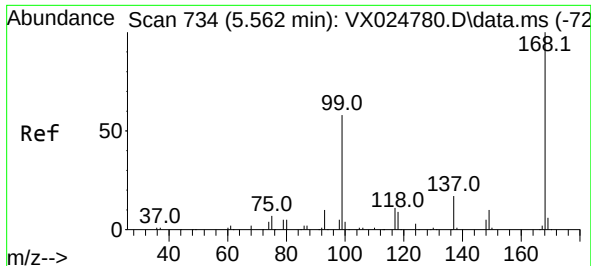
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

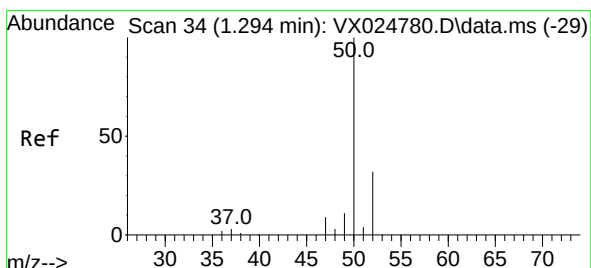
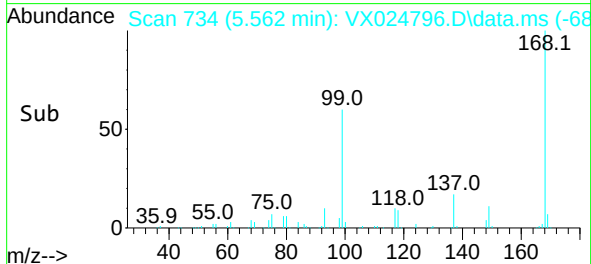
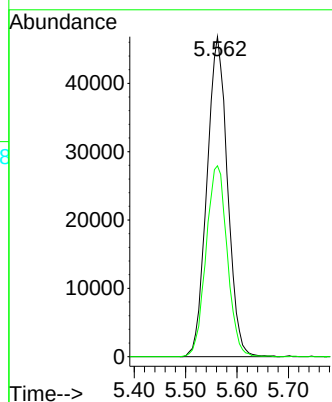
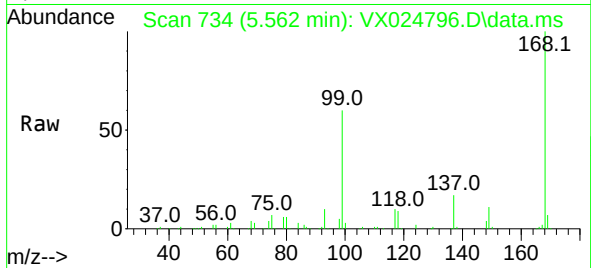




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

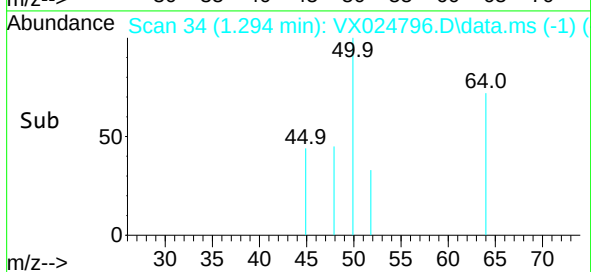
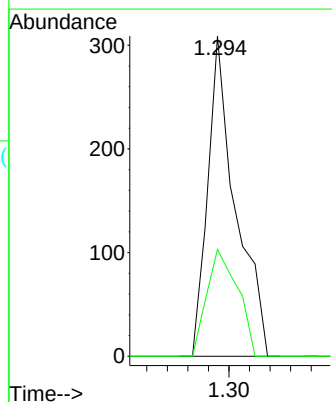
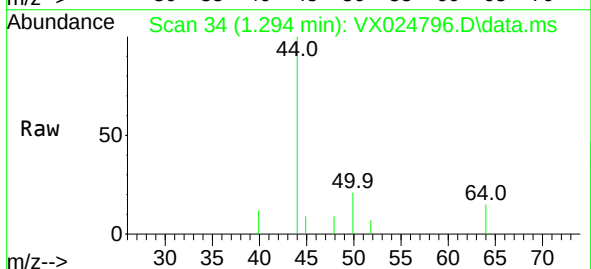
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

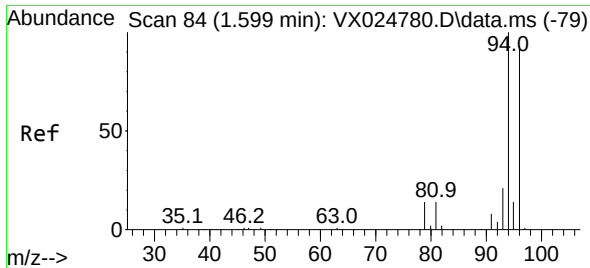
Tgt Ion:168 Resp: 130045
Ion Ratio Lower Upper
168 100
99 59.6 46.4 69.6



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9

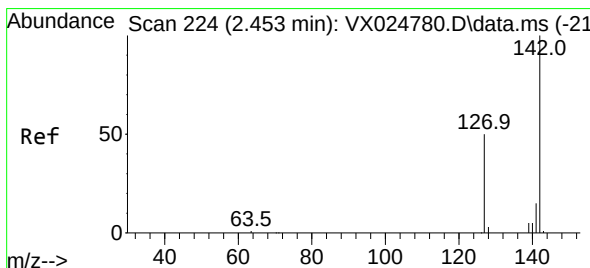
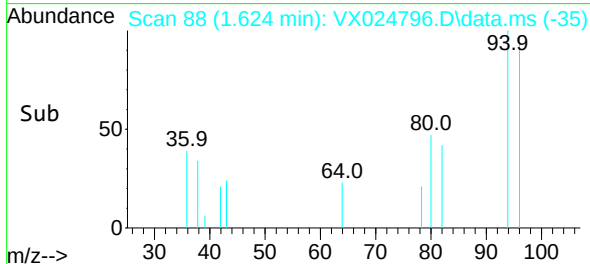
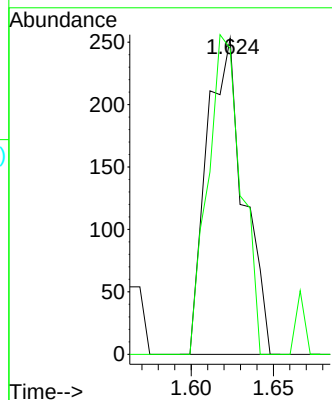
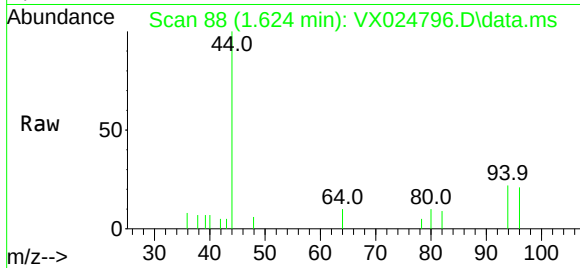




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

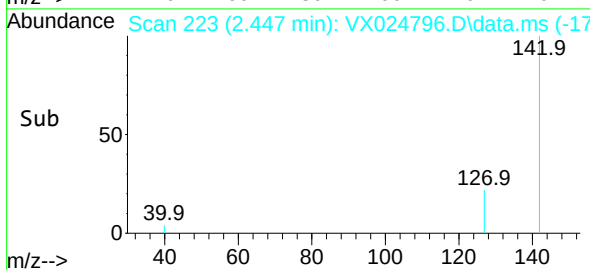
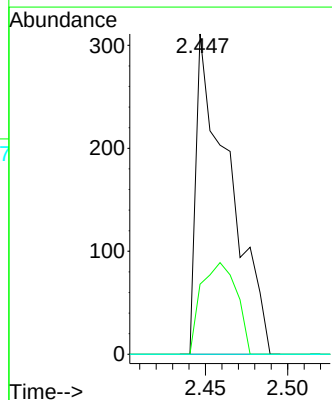
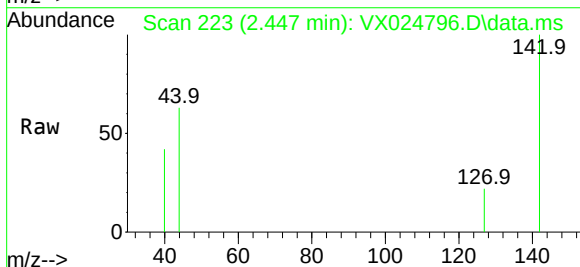
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

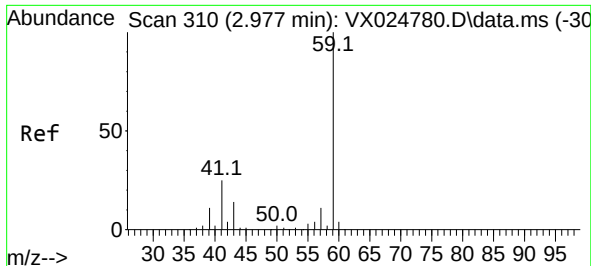
Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 96.8 74.8 112.2



#10
Methyl Iodide
Concen: 1.185 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 142 Resp: 434
Ion Ratio Lower Upper
142 100
127 30.6 38.9 58.3#
141 0.0 11.7 17.5#



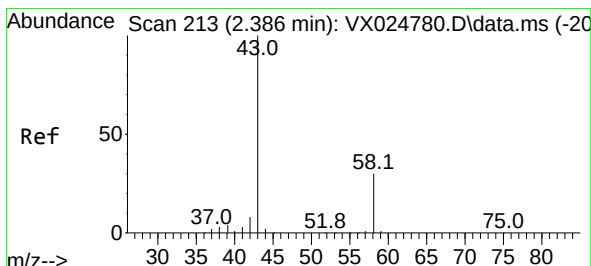
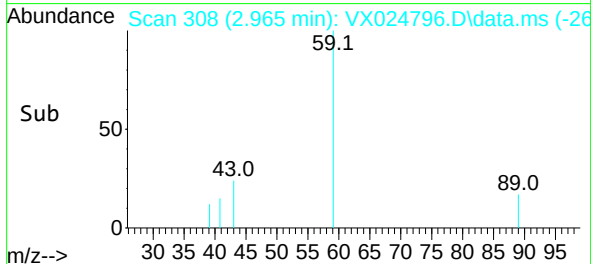
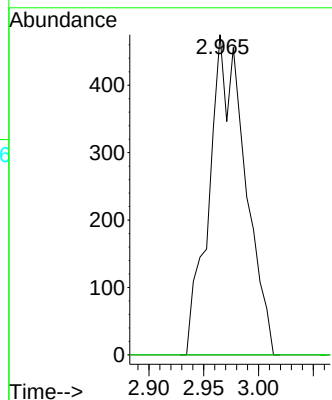
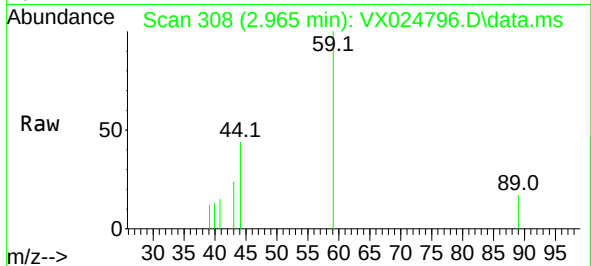


#11

Tert butyl alcohol
Concen: 3.220 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

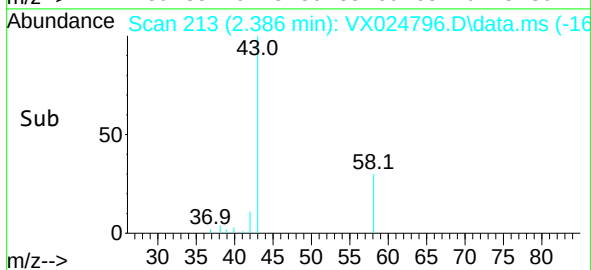
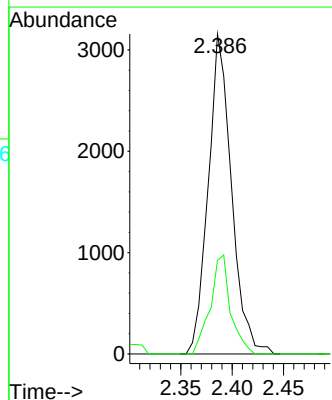
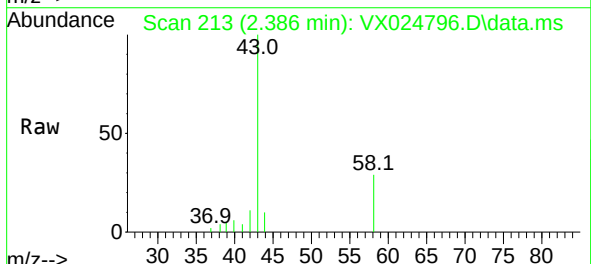
Tgt Ion: 59 Resp: 1085
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

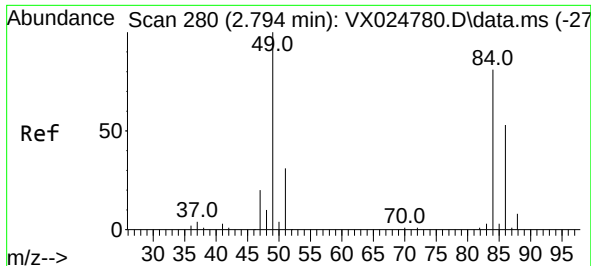


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0





#20

Methylene Chloride

Concen: 0.265 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX024796.D

Acq: 13 Oct 2021 20:21

Instrument :

MSVOA_X

ClientSampleId :

P287-DITCHRE

Tgt Ion: 84 Resp: 359

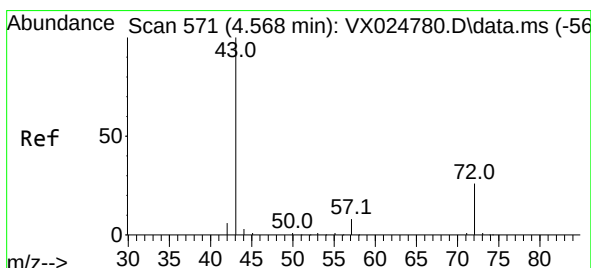
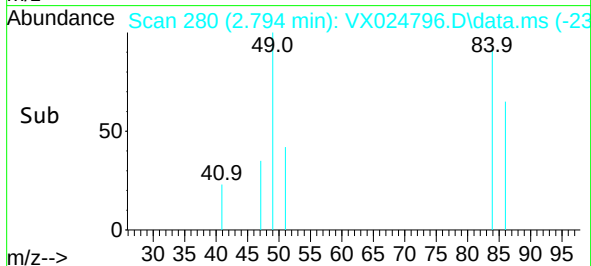
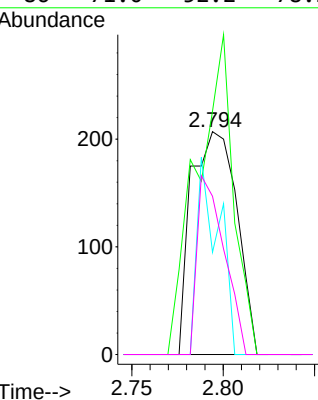
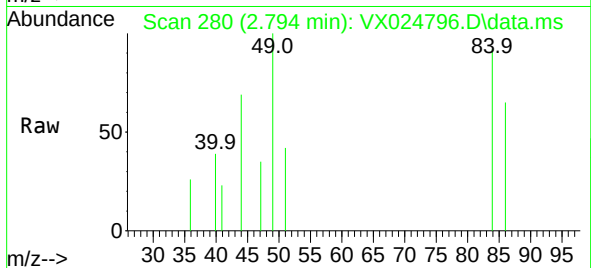
Ion Ratio Lower Upper

84 100

49 109.2 98.2 147.2

51 45.9 30.2 45.4#

86 71.0 52.2 78.2



#25

2-Butanone

Concen: 0.587 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX024796.D

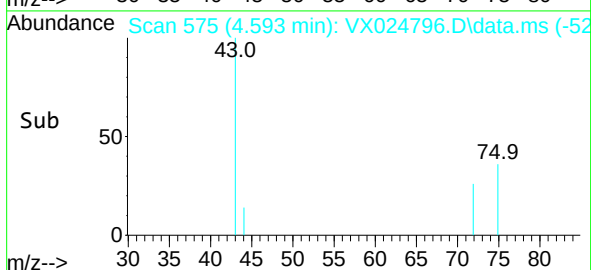
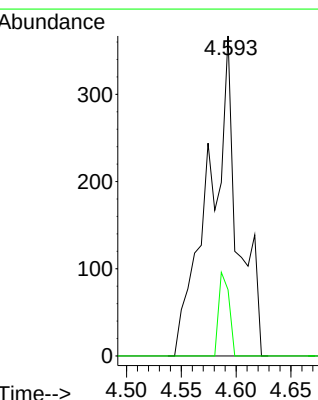
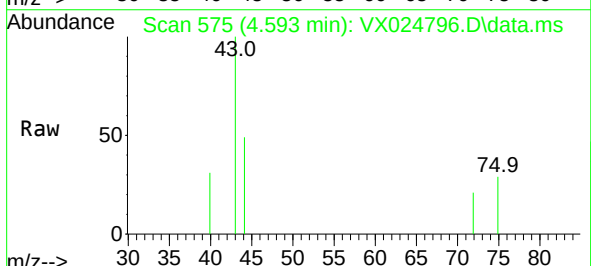
Acq: 13 Oct 2021 20:21

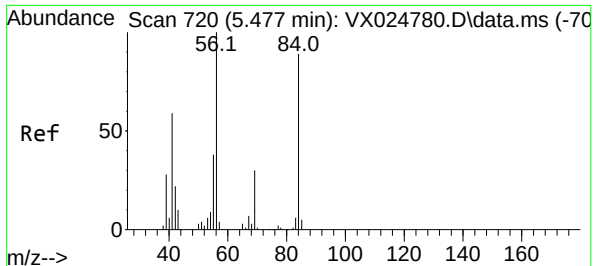
Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

43 100

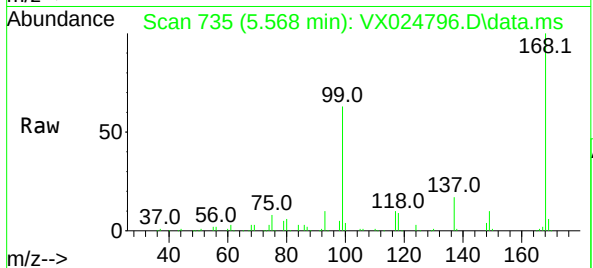
72 20.7 21.2 31.8#



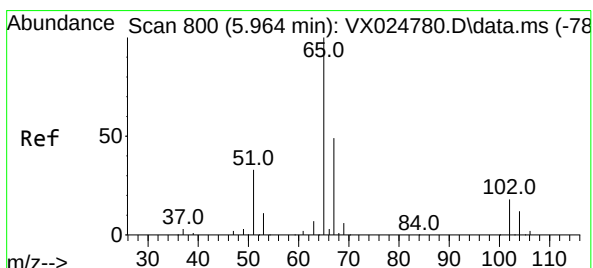
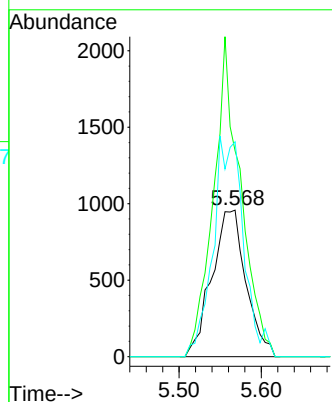
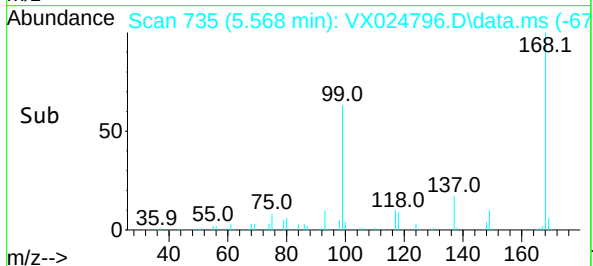


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

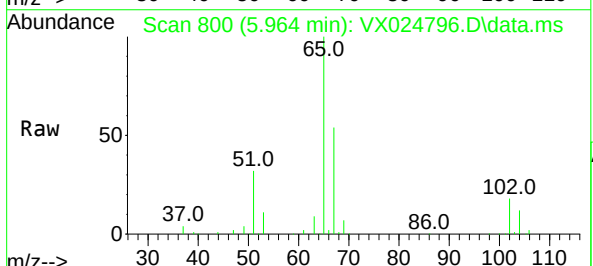
Instrument :
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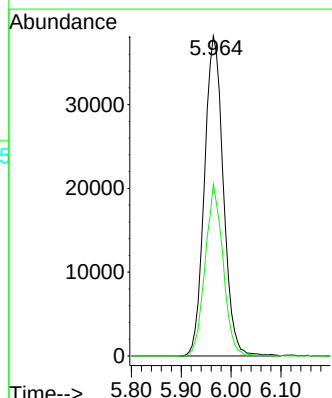
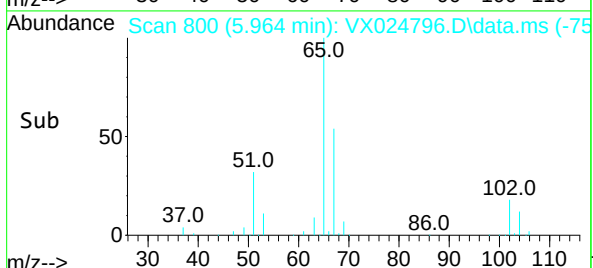
Tgt Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
69 140.5 24.2 36.2#
84 146.7 71.5 107.3#

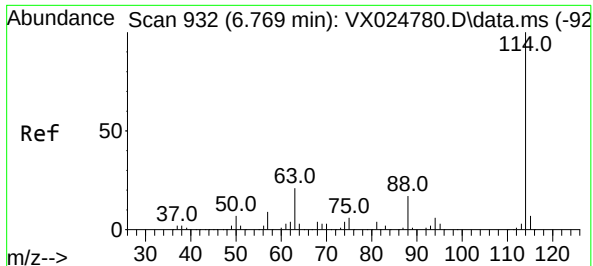


#33
1,2-Dichloroethane-d4
Concen: 62.880 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21



Tgt Ion: 65 Resp: 100505
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.0

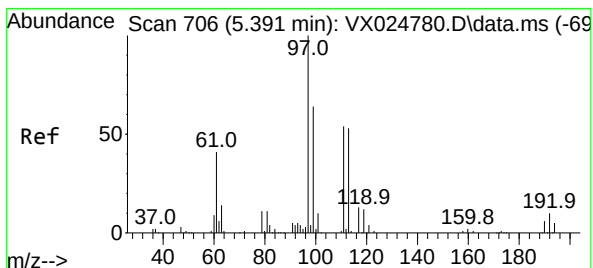
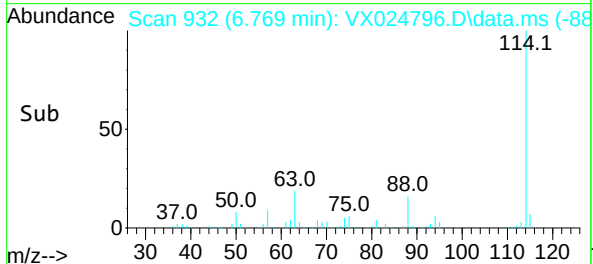
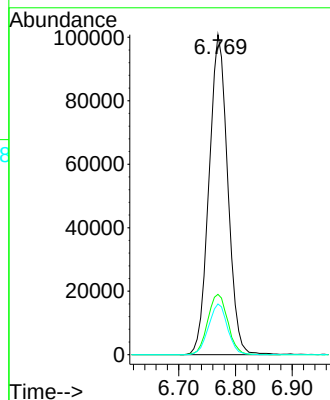
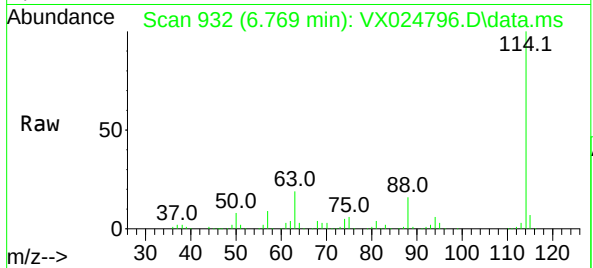




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

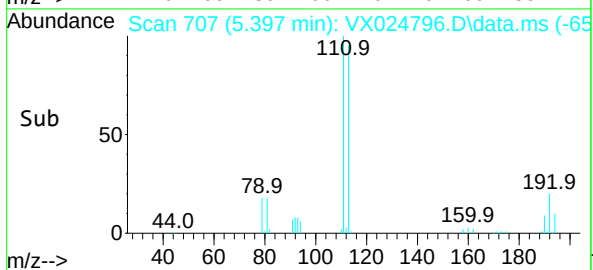
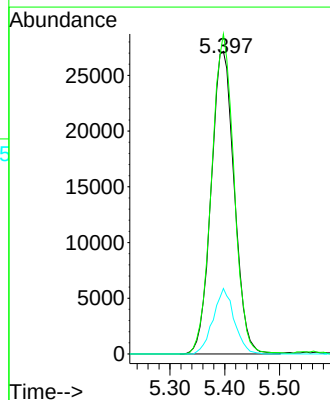
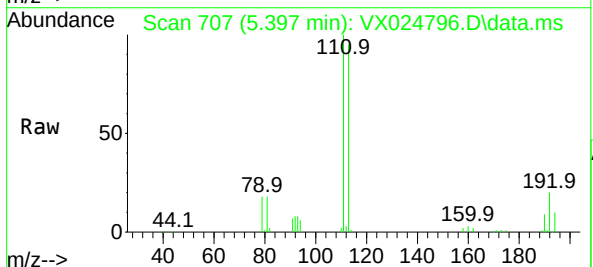
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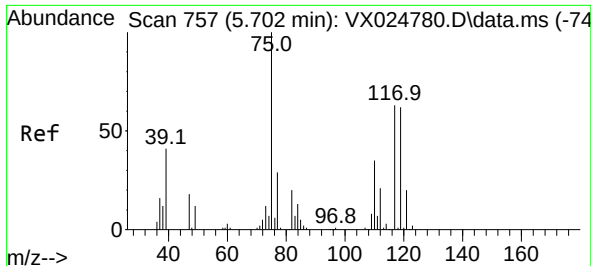
Tgt Ion:114 Resp: 230694
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 57.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

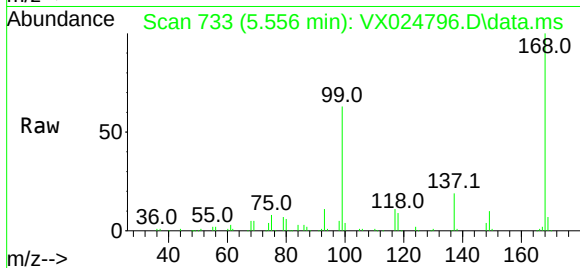
Tgt Ion:113 Resp: 79586
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 19.7 15.6 23.4



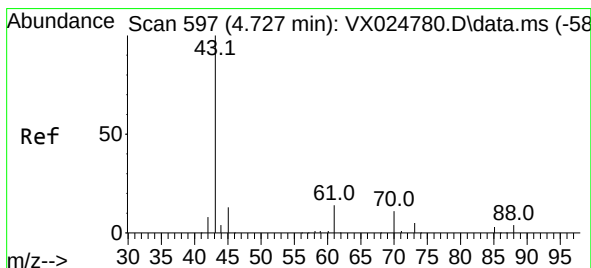
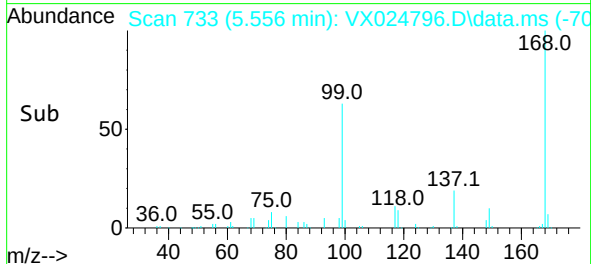
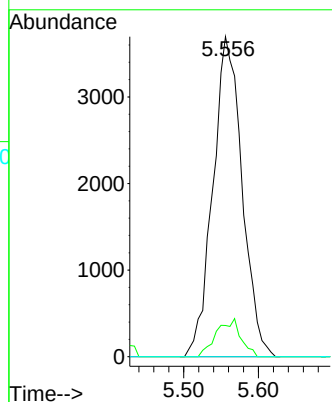


#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

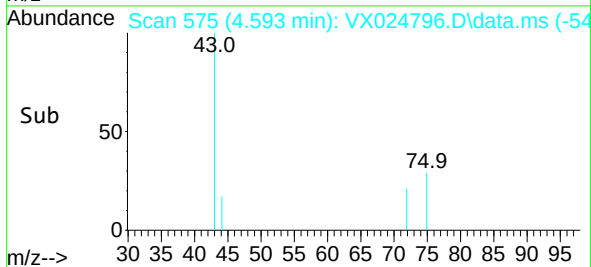
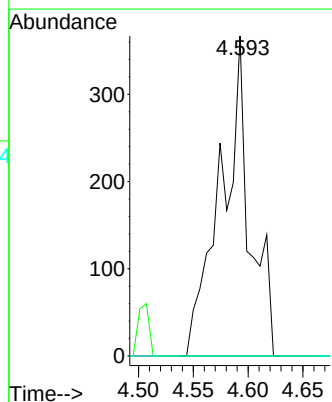
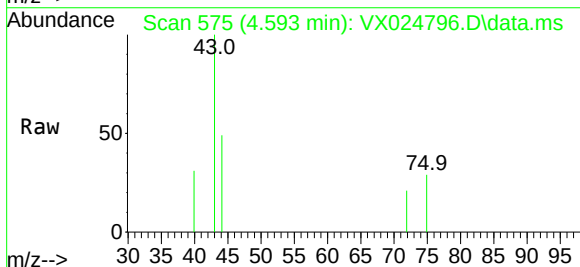


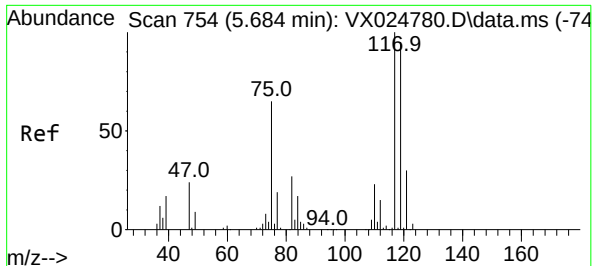
Tgt Ion: 75 Resp: 10044
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.3#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.284 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

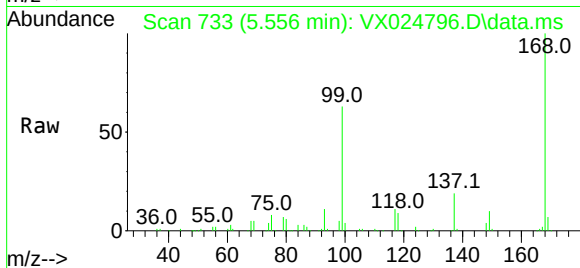
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#



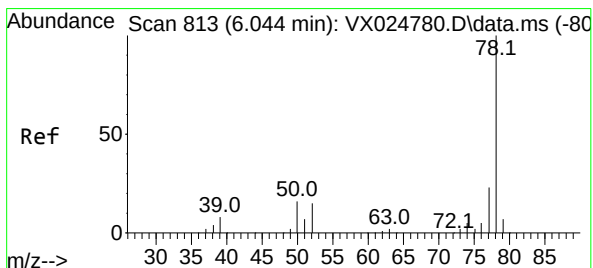
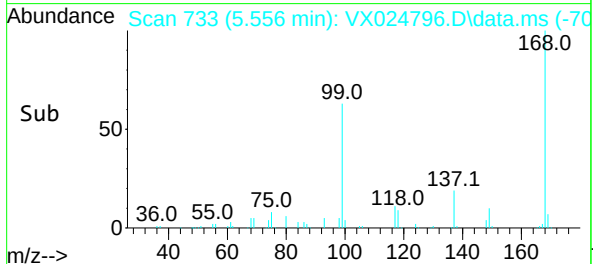
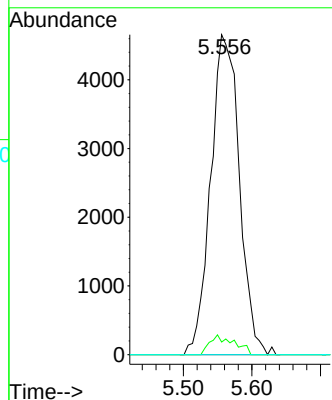


#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

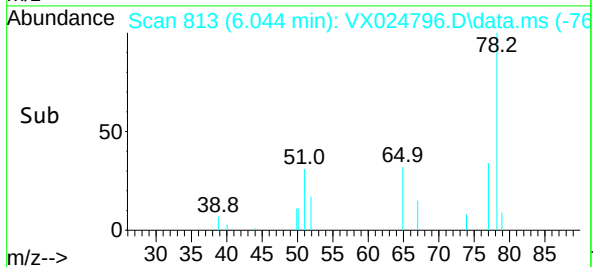
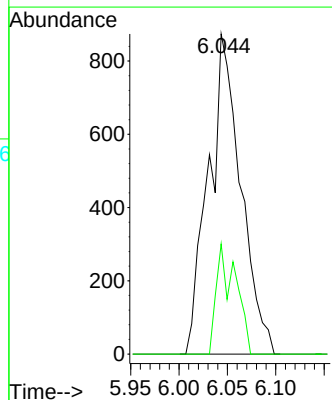
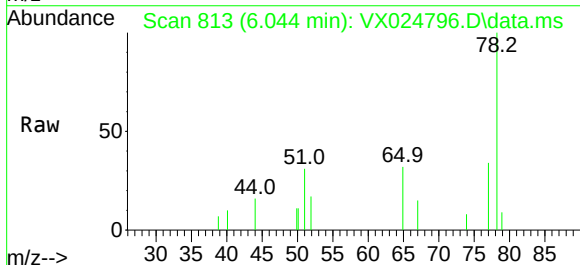


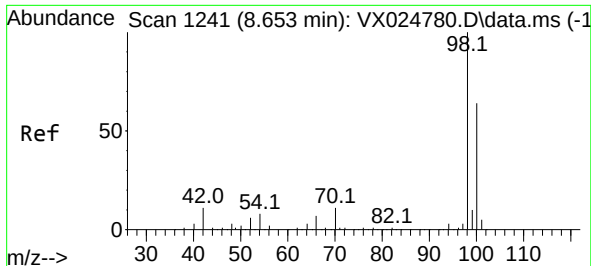
Tgt Ion:117 Resp: 13539
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 23.7 35.5#



#40
Benzene
Concen: 0.345 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 78 Resp: 2022
Ion Ratio Lower Upper
78 100
77 34.4 18.3 27.5#

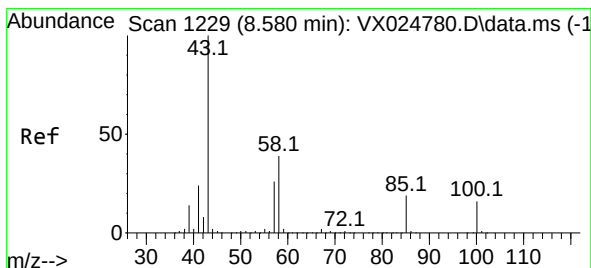
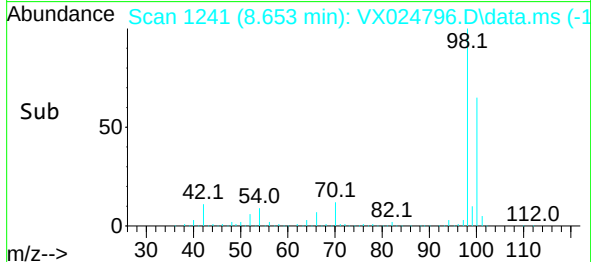
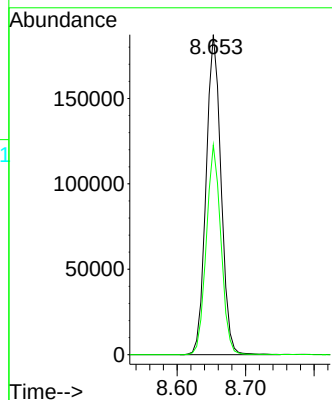
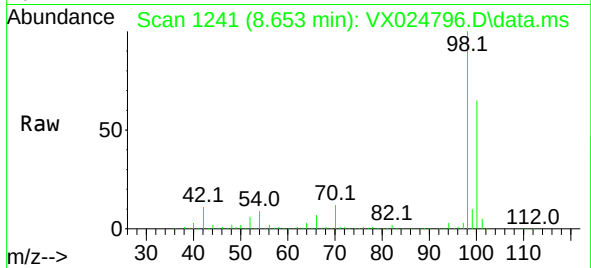




#50
Toluene-d8
Concen: 55.956 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

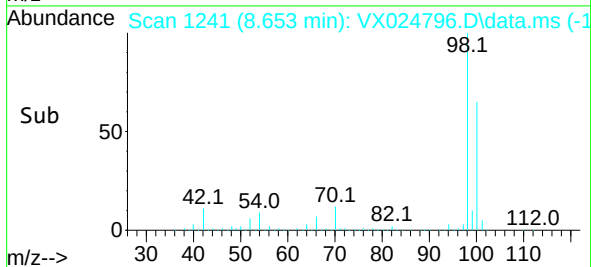
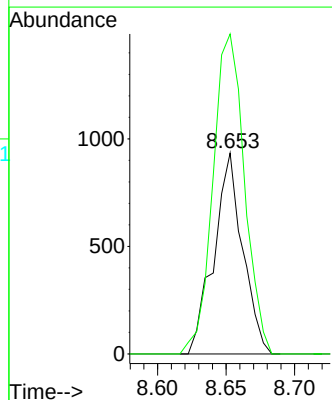
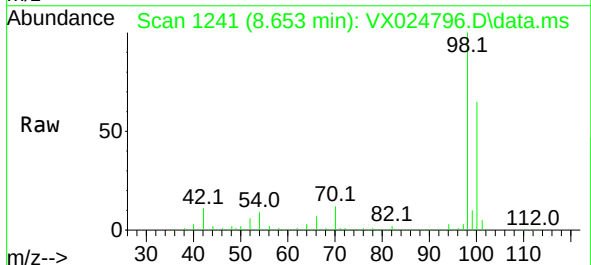
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

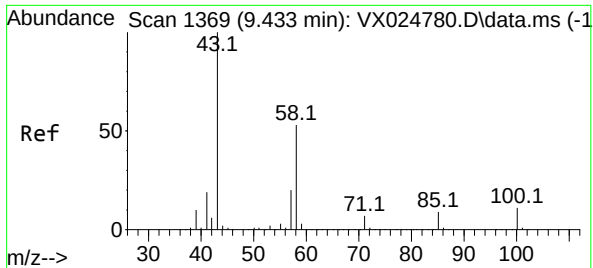
Tgt Ion: 98 Resp: 284263
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 174.4 30.9 46.3#

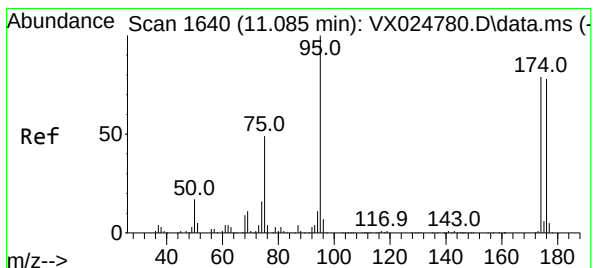
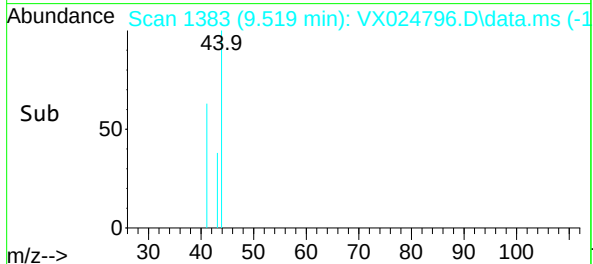
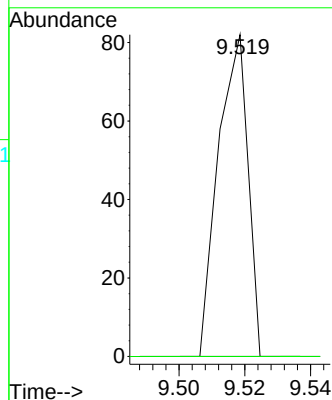
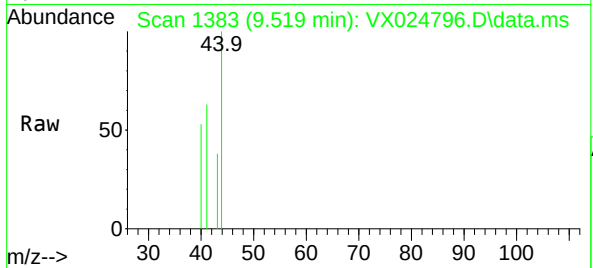




#59
2-Hexanone
Concen: Below Cal
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

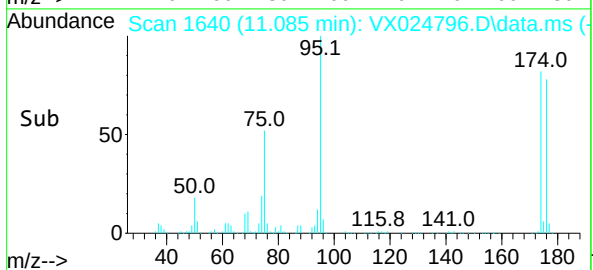
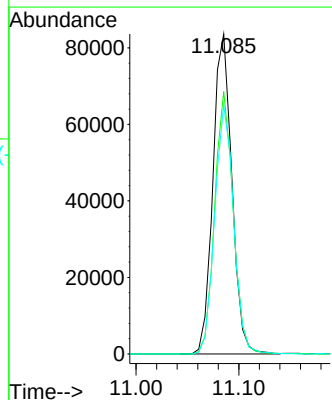
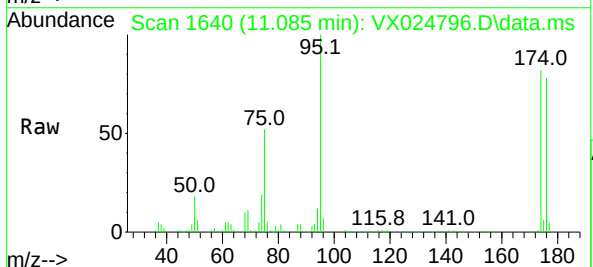
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

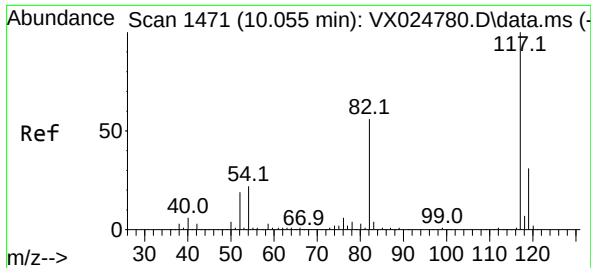
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 53.512 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion: 95 Resp: 106919
Ion Ratio Lower Upper
95 100
174 80.1 0.0 158.0
176 77.7 0.0 153.6

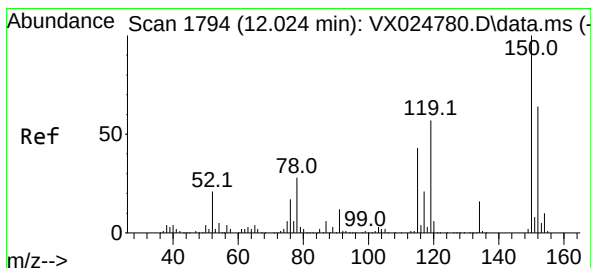
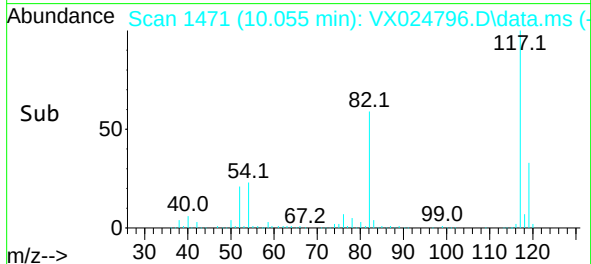
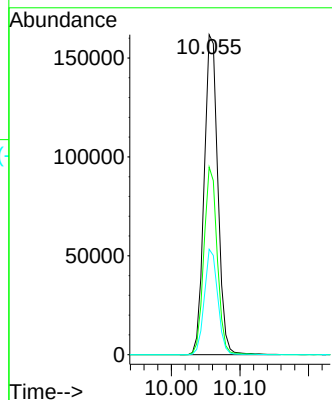
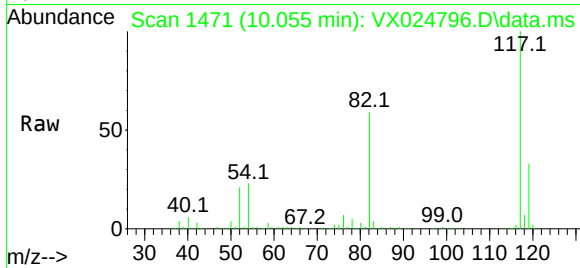




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

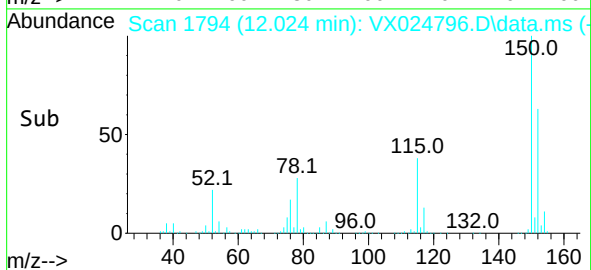
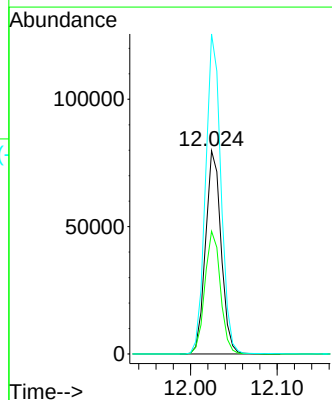
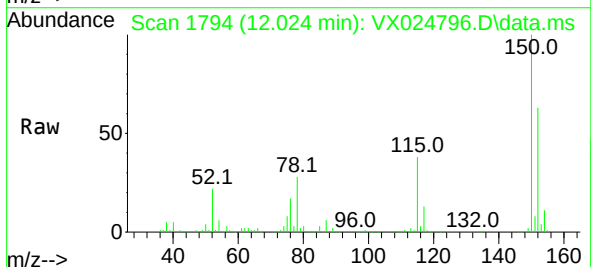
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

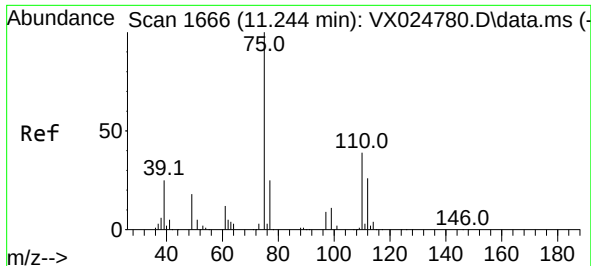
Tgt Ion:117 Resp: 225141
Ion Ratio Lower Upper
117 100
82 58.7 44.6 67.0
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Tgt Ion:152 Resp: 99377
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.8
150 155.8 0.0 351.2

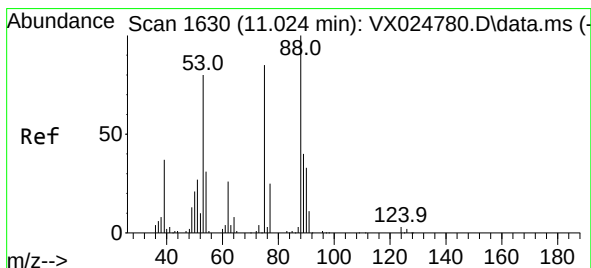
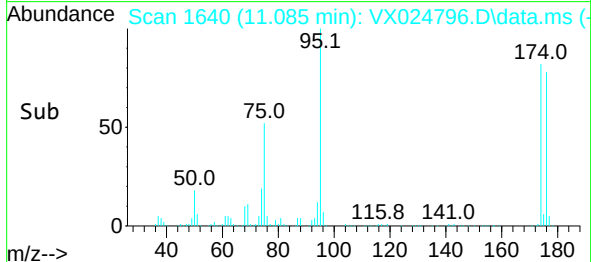
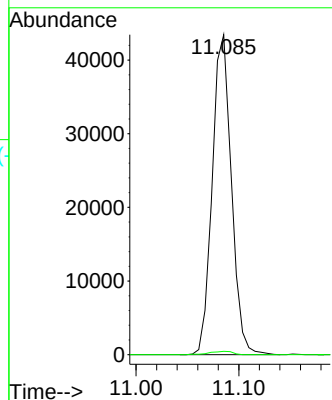
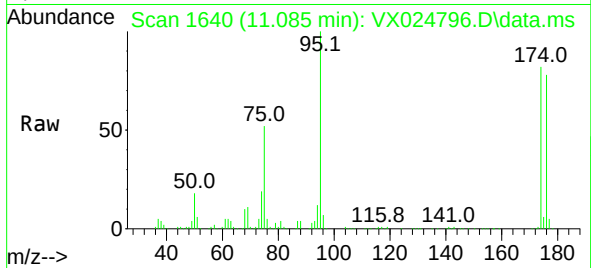




#76
1,2,3-Trichloropropane
Concen: 27.094 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

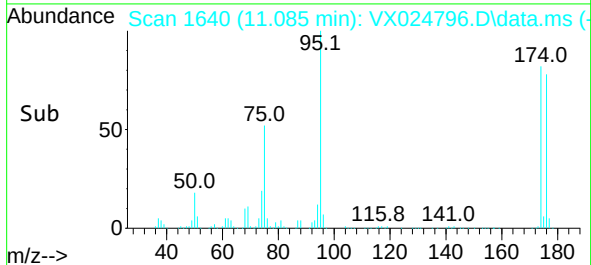
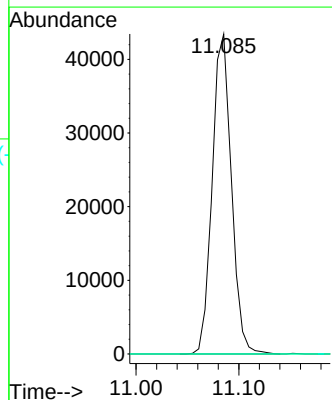
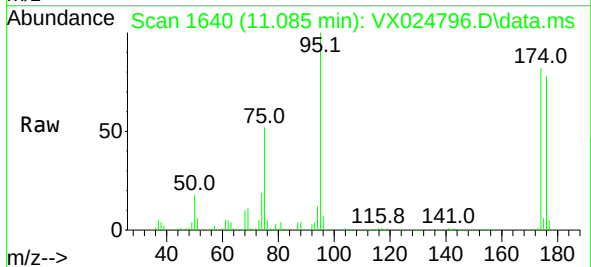
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE

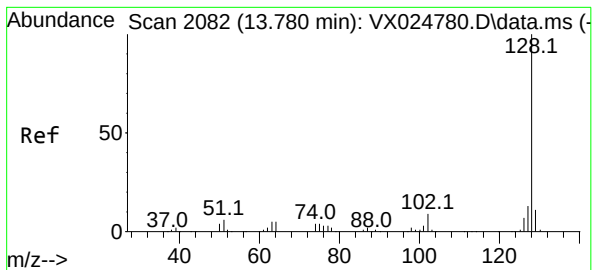
Tgt Ion: 75 Resp: 56173
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.923 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

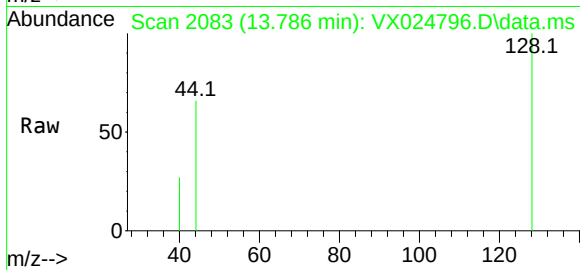
Tgt Ion: 75 Resp: 56173
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.291 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024796.D
Acq: 13 Oct 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCHRE



Tgt Ion:128 Resp: 259
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

