

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024522.D
 Acq On : 04 Oct 2021 15:58
 Operator : JC/MD
 Sample : M4063-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 05 03:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

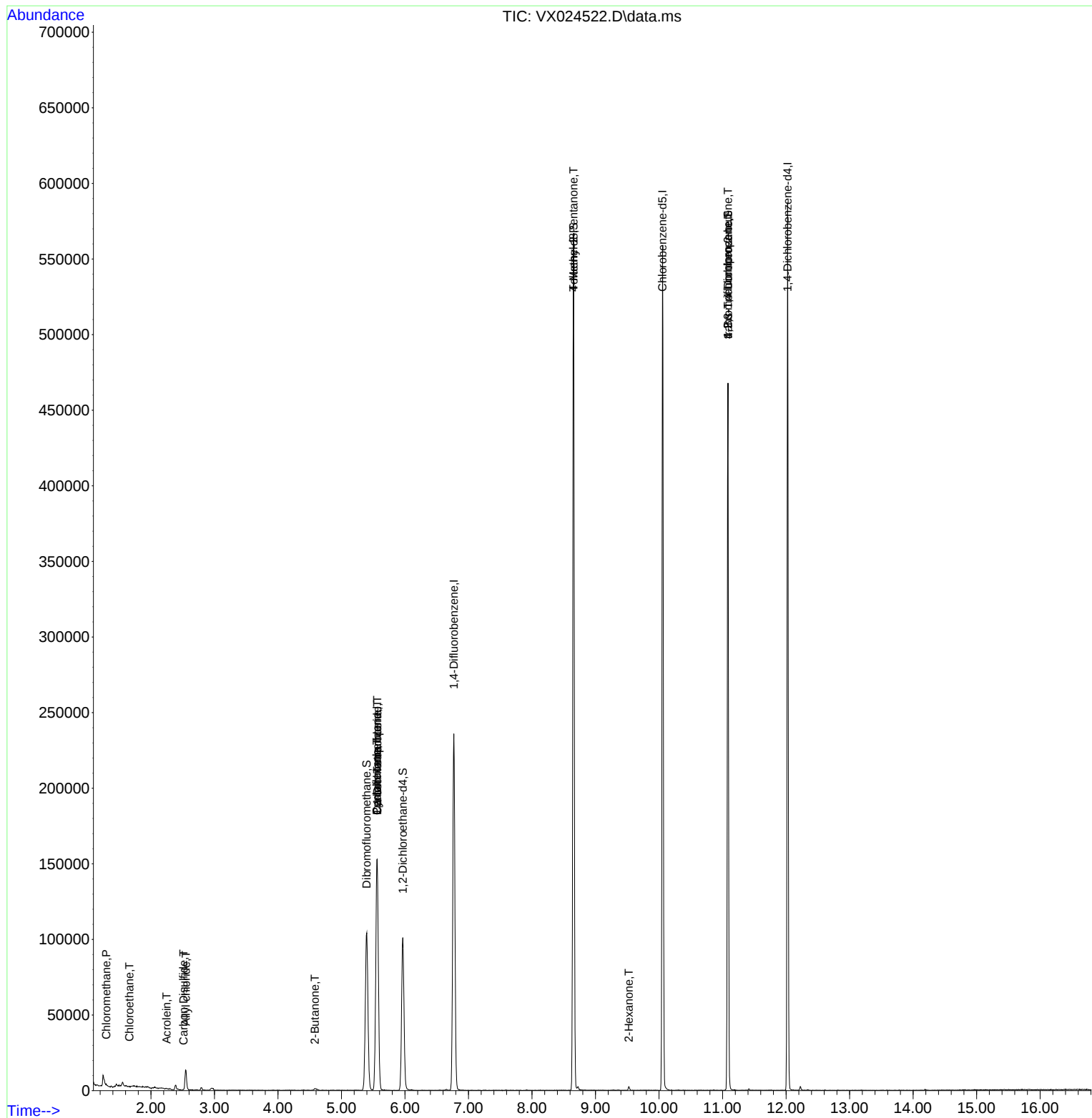
Internal Standards						
1) Pentafluorobenzene	5.556	168	142688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102746	51.092	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.180%		
35) Dibromofluoromethane	5.397	113	91820	59.047	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 118.100%		
50) Toluene-d8	8.653	98	333159	58.210	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 116.420%#		
62) 4-Bromofluorobenzene	11.085	95	125532	55.784	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.560%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	336	0.248	ug/l	96
6) Chloroethane	1.660	64	183	0.451	ug/l	93
11) Tert butyl alcohol	2.959	59	1749	Below Cal	#	73
13) Acrolein	2.245	56	166	11.523	ug/l #	55
14) Allyl chloride	2.550	41	1429	0.598	ug/l #	57
16) Acetone	2.386	43	3707	Below Cal	#	81
17) Carbon Disulfide	2.514	76	257	0.304	ug/l #	37
20) Methylene Chloride	2.788	84	788	Below Cal	#	97
25) 2-Butanone	4.580	43	410	0.296	ug/l #	45
31) Cyclohexane	5.556	56	2963	1.230	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	11255	5.016	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14974	6.130	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1543	0.549	ug/l #	1
59) 2-Hexanone	9.525	43	446	0.201	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	63410	24.004	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63410	65.536	ug/l #	12

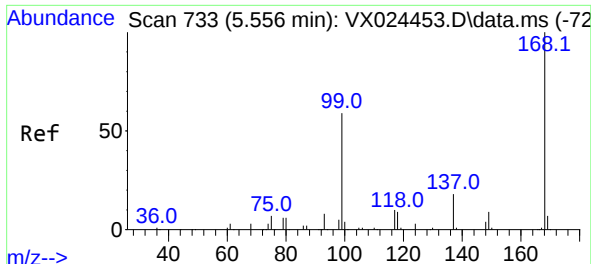
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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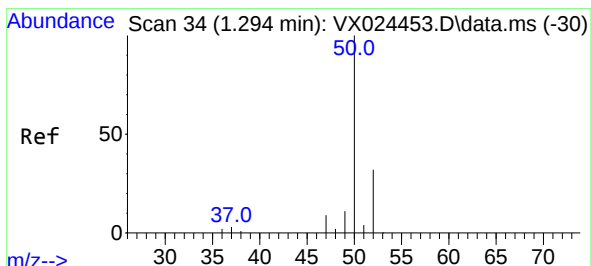
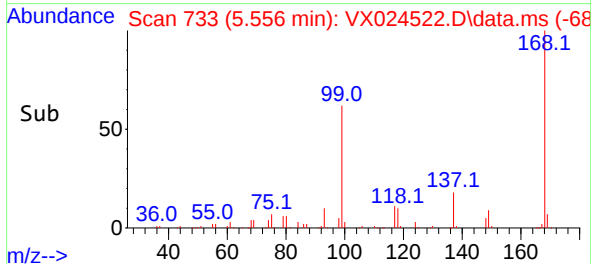
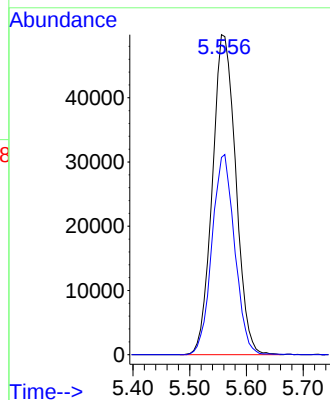
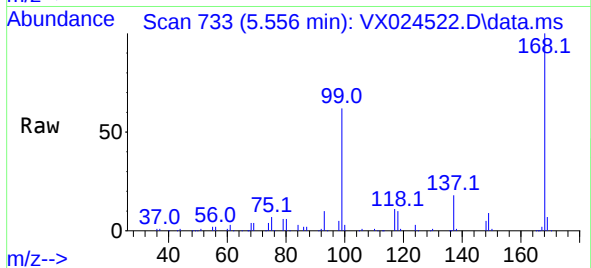




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

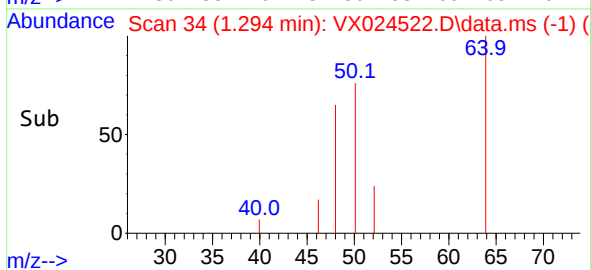
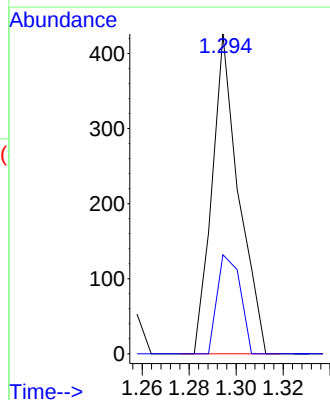
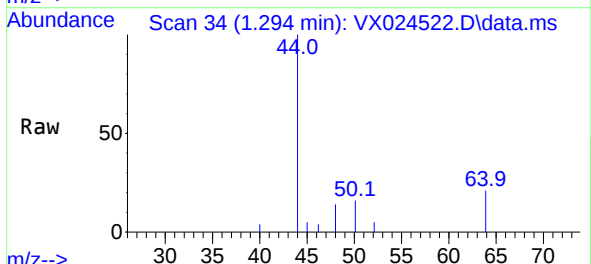
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

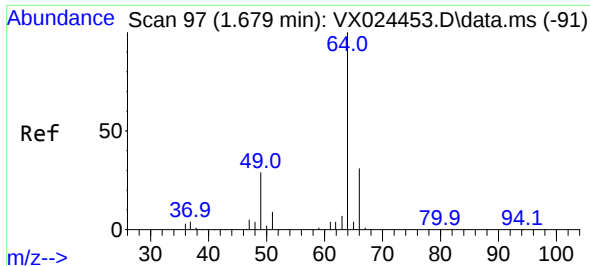
Tgt Ion:168 Resp: 142688
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 31.0 26.4 39.6

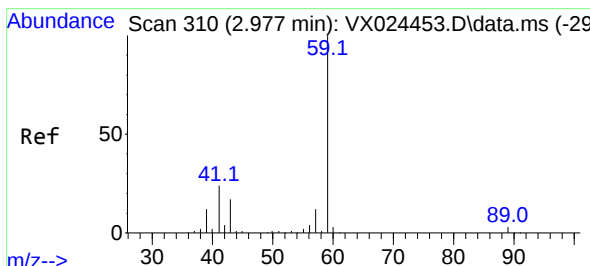
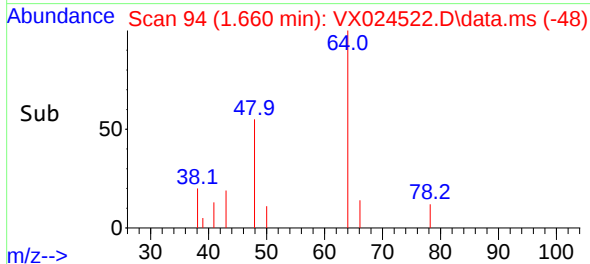
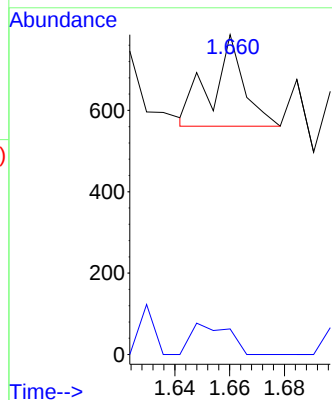
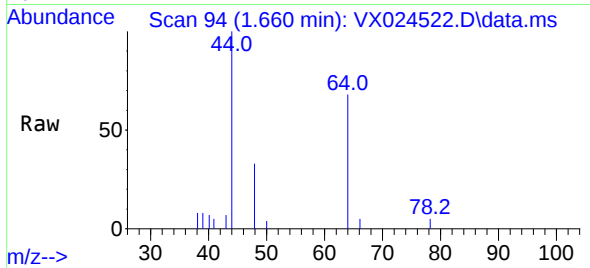




#6
Chloroethane
Concen: 0.451 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

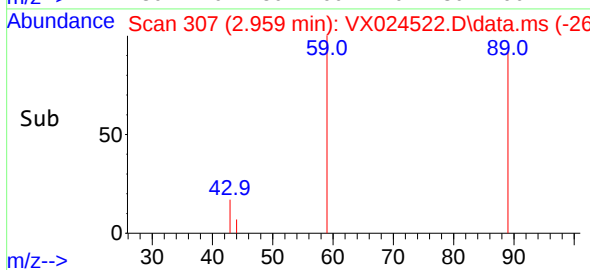
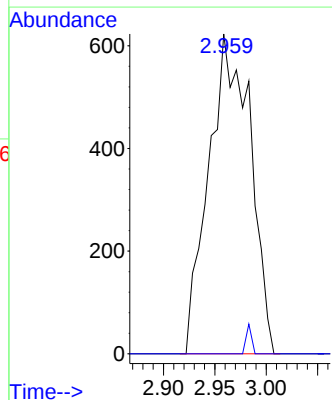
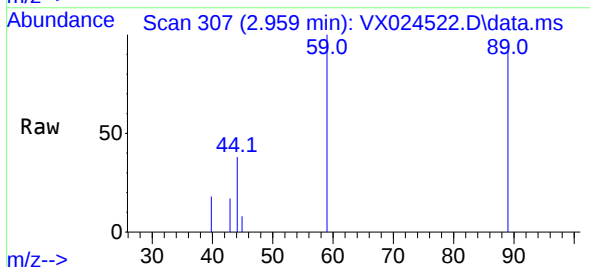
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

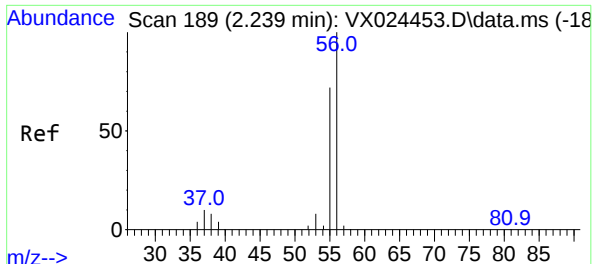
Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 59 Resp: 1749
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

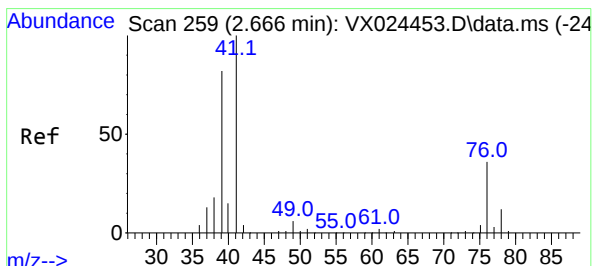
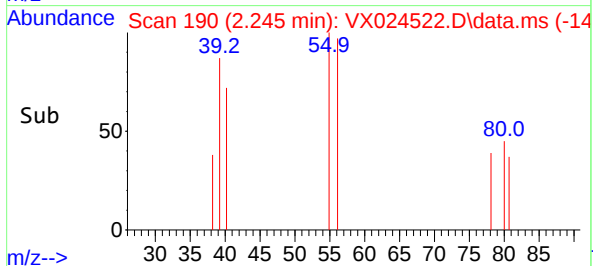
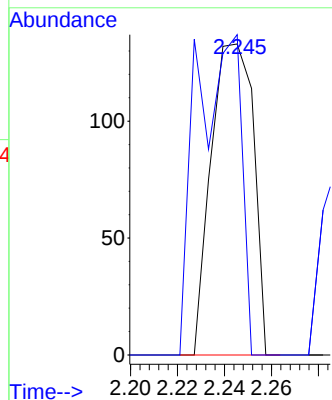
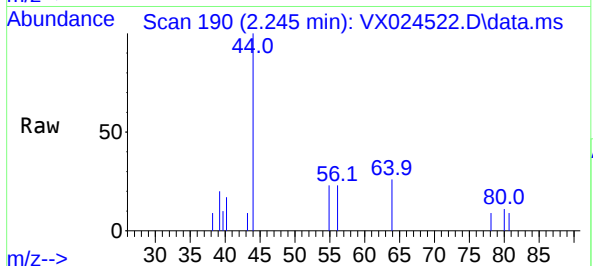




#13
Acrolein
Concen: 11.523 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

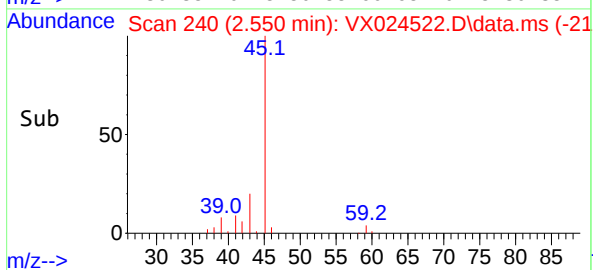
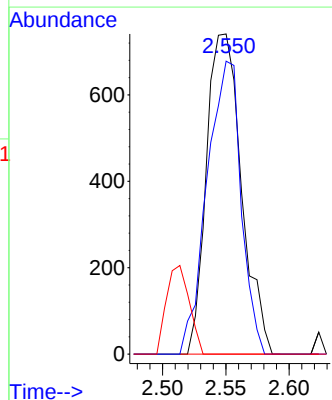
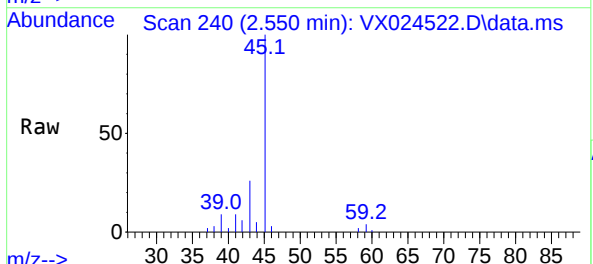
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

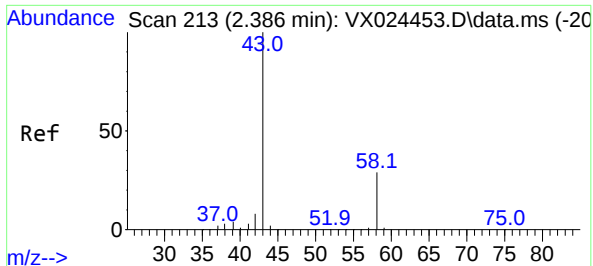
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 107.8 56.4 84.6#



#14
Allyl chloride
Concen: 0.598 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 41 Resp: 1429
Ion Ratio Lower Upper
41 100
39 88.7 51.6 77.4#
76 0.0 30.5 45.7#

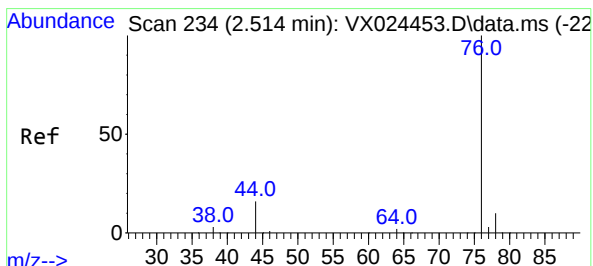
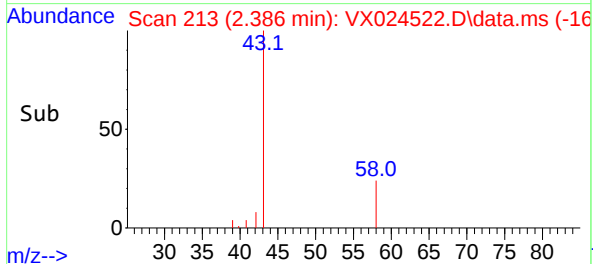
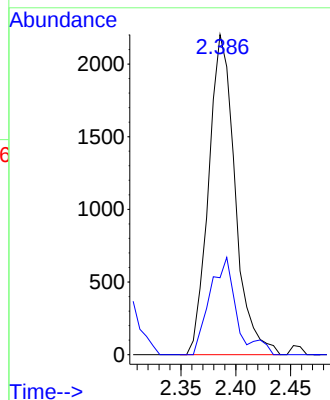
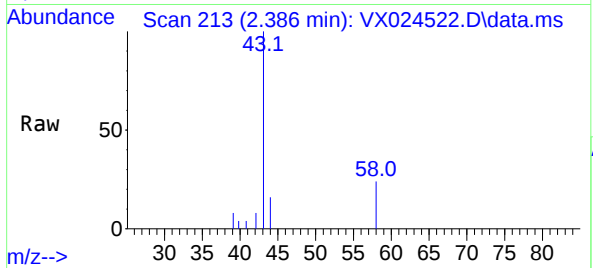




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

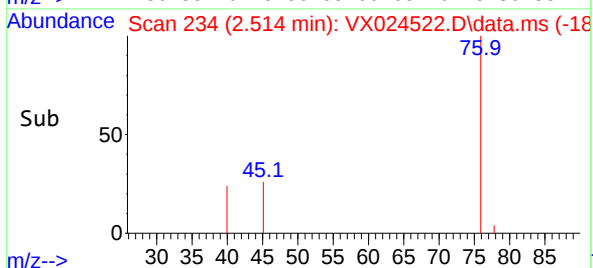
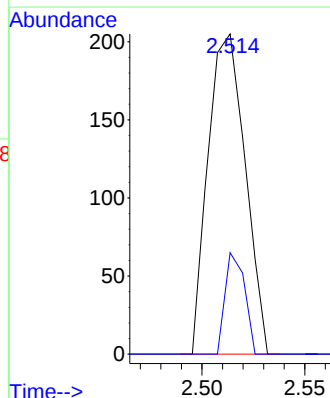
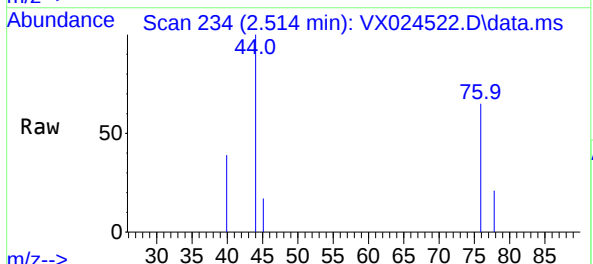
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

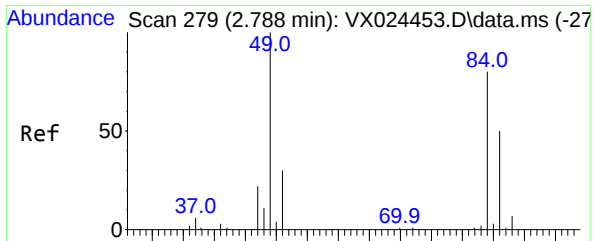
Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 76 Resp: 257
Ion Ratio Lower Upper
76 100
78 31.7 7.2 10.8#



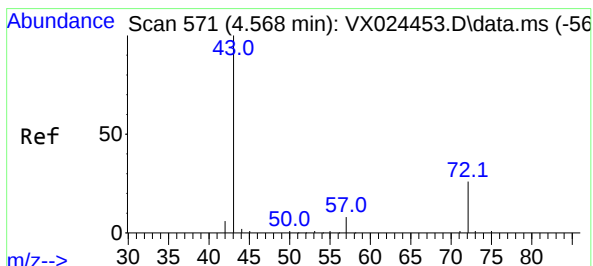
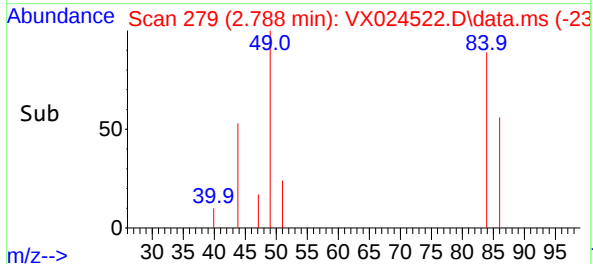
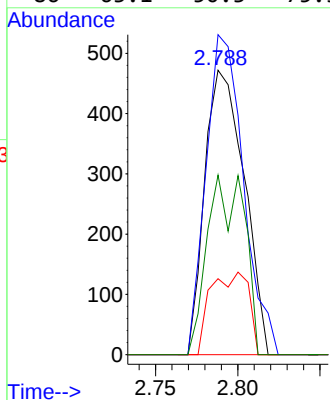
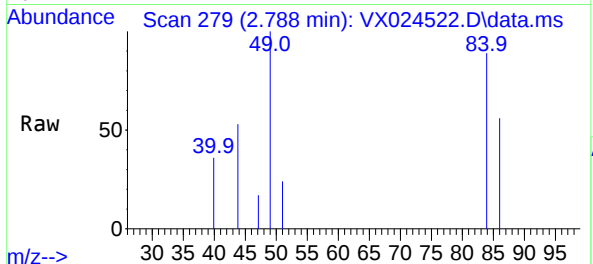


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

Tgt Ion: 84 Resp: 788

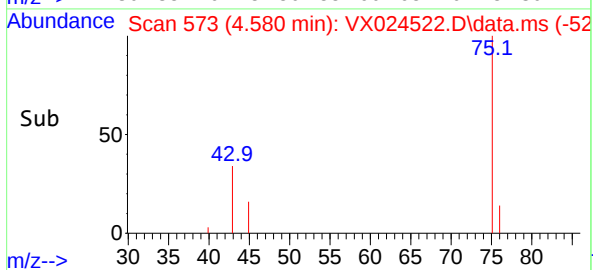
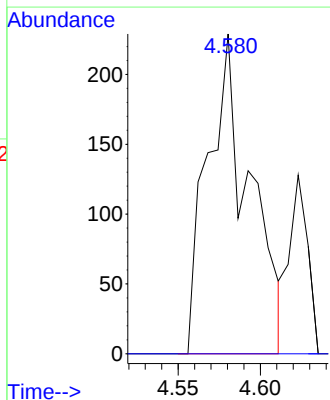
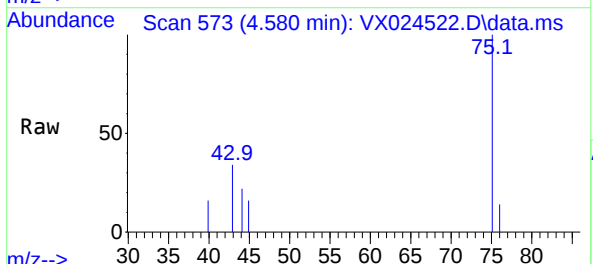
Ion	Ratio	Lower	Upper
84	100		
49	112.5	88.6	132.8
51	26.7	27.0	40.6#
86	63.1	50.3	75.5

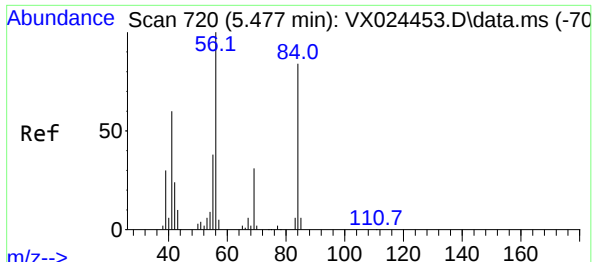


#25
2-Butanone
Concen: 0.296 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 43 Resp: 410

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

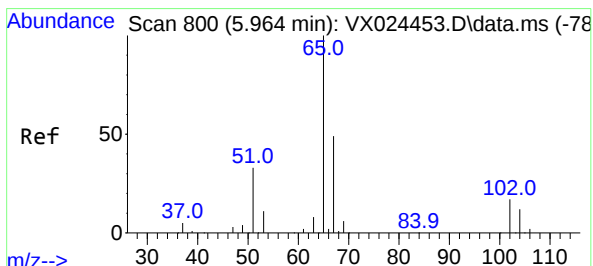
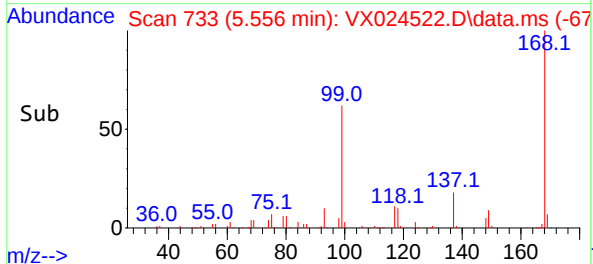
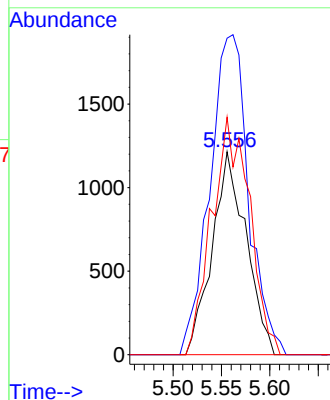
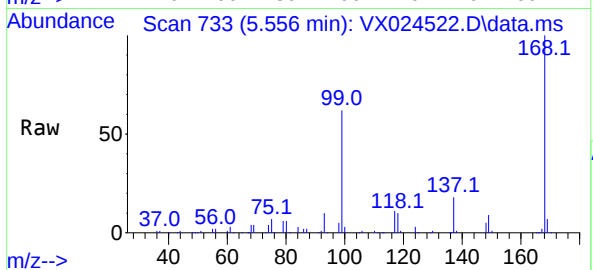




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

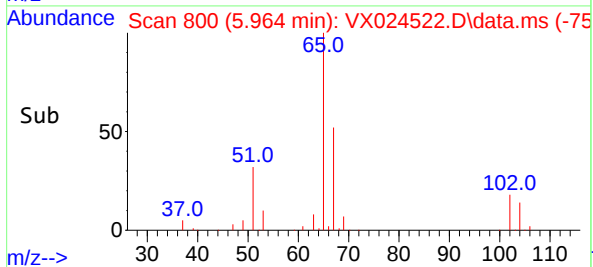
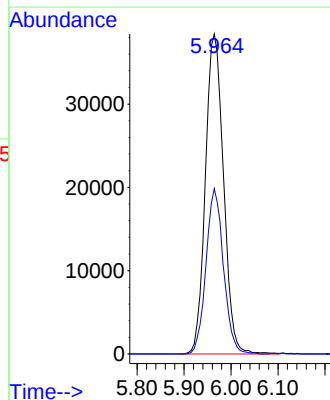
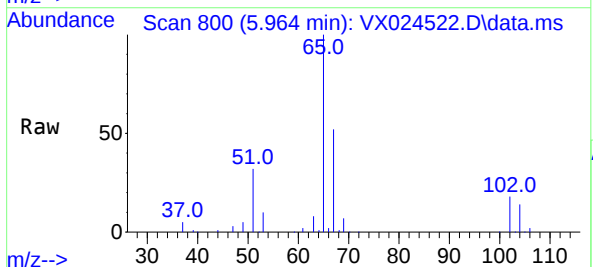
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

Tgt Ion: 56 Resp: 2963
Ion Ratio Lower Upper
56 100
69 156.0 25.3 37.9#
84 117.1 71.4 107.0#

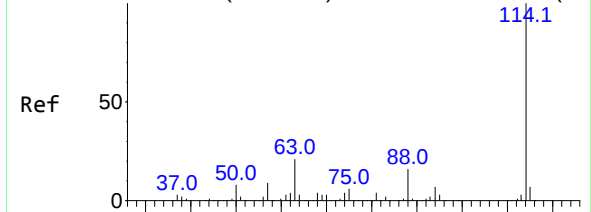


#33
1,2-Dichloroethane-d4
Concen: 51.092 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 65 Resp: 102746
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

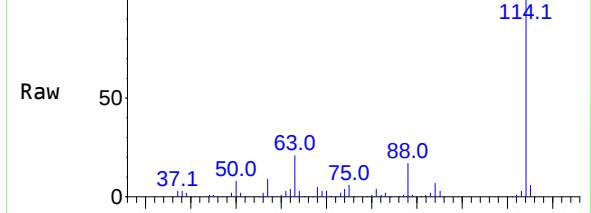


Abundance Scan 932 (6.769 min): VX024453.D\data.ms (-92



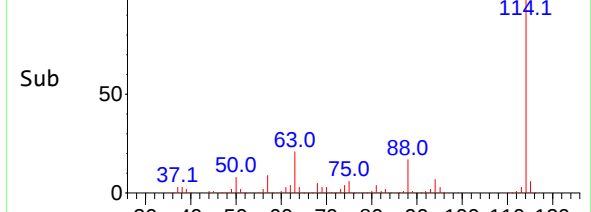
m/z-->

Abundance Scan 932 (6.769 min): VX024522.D\data.ms



m/z-->

Abundance Scan 932 (6.769 min): VX024522.D\data.ms (-88



m/z-->

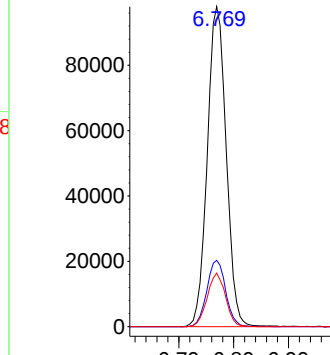
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion:114 Resp: 234079

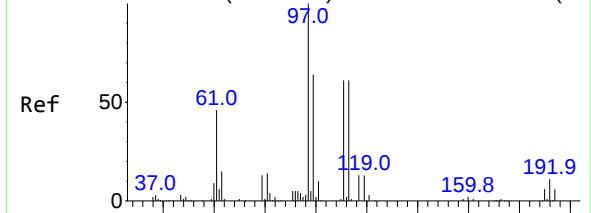
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	16.7	0.0	32.8

Abundance



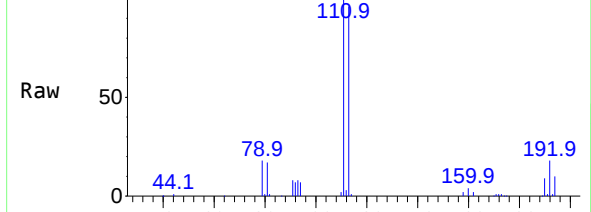
Time-->

Abundance Scan 707 (5.397 min): VX024453.D\data.ms (-69



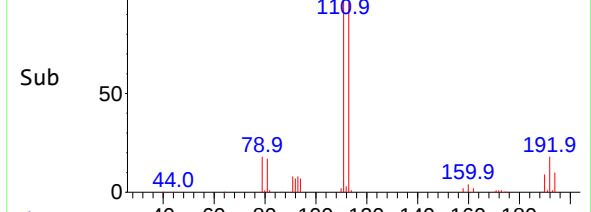
m/z-->

Abundance Scan 707 (5.397 min): VX024522.D\data.ms



m/z-->

Abundance Scan 707 (5.397 min): VX024522.D\data.ms (-65



m/z-->

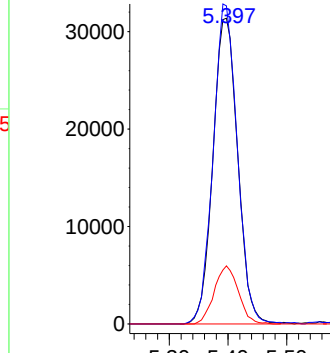
#35

Dibromofluoromethane
Concen: 59.047 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion:113 Resp: 91820

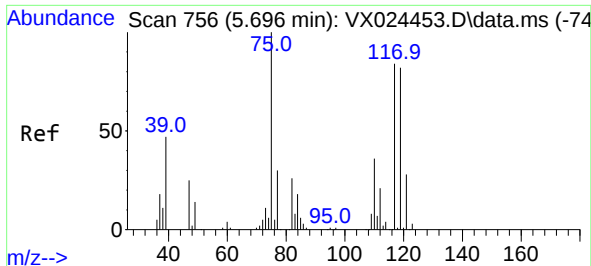
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	18.5	16.7	25.1

Abundance



Time-->

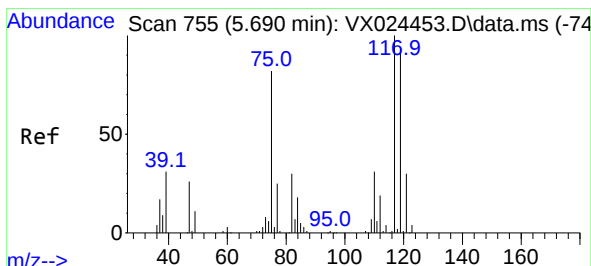
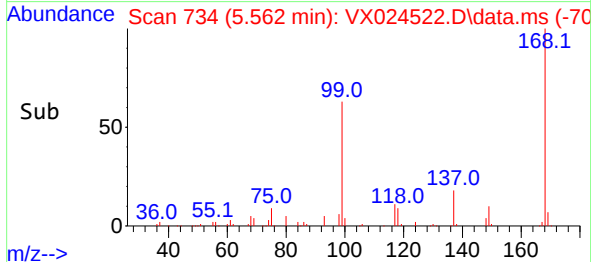
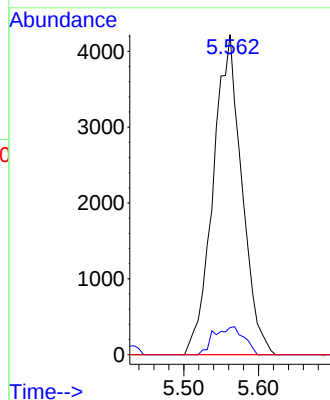
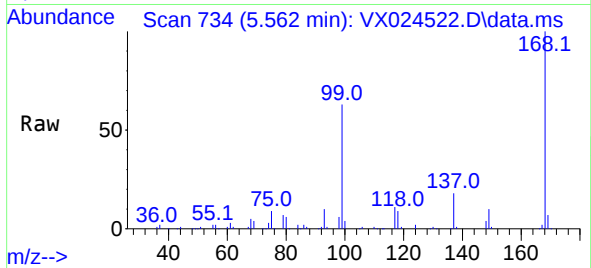
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH



#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

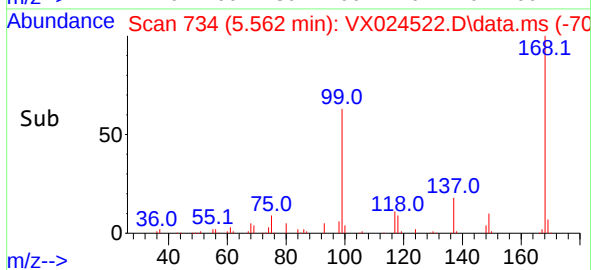
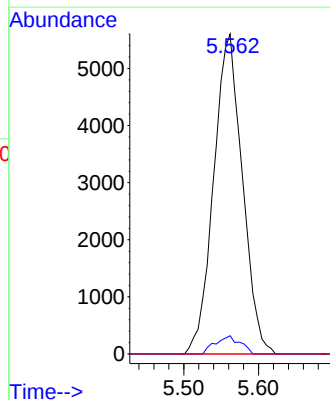
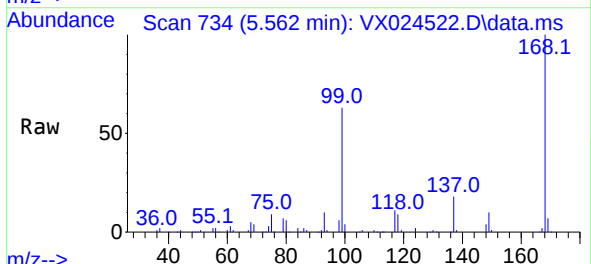
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

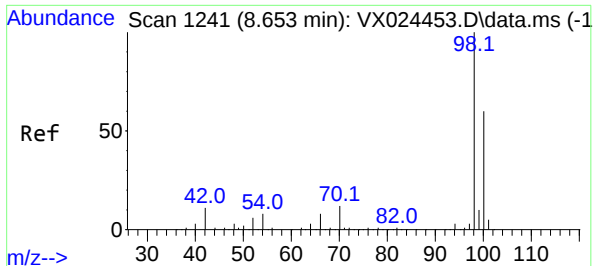
Tgt Ion: 75 Resp: 11255
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 117 Resp: 14974
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

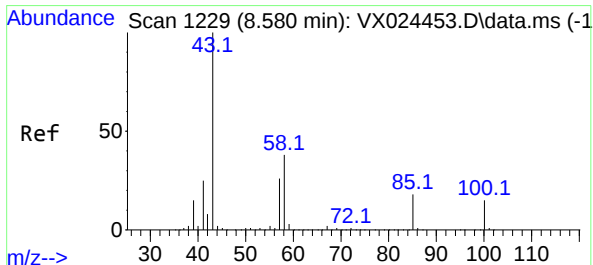
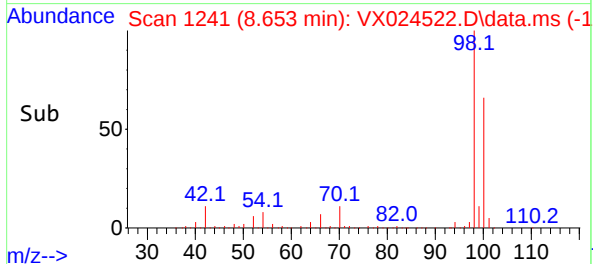
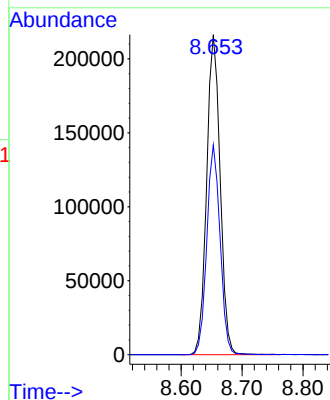
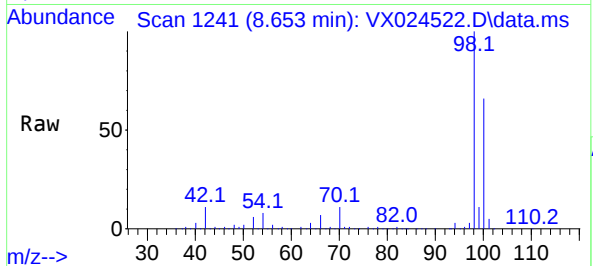




#50
Toluene-d8
Concen: 58.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

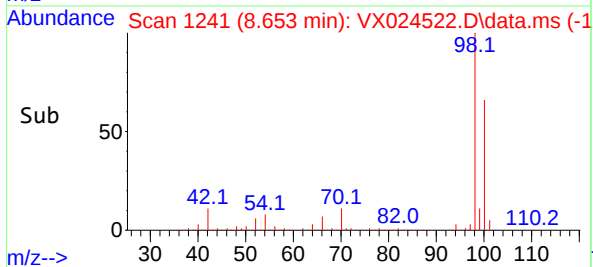
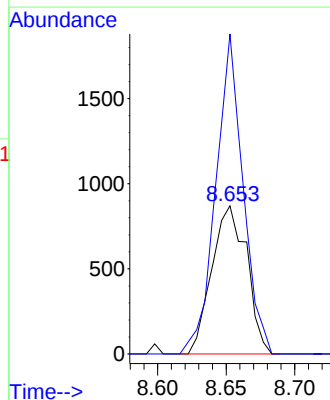
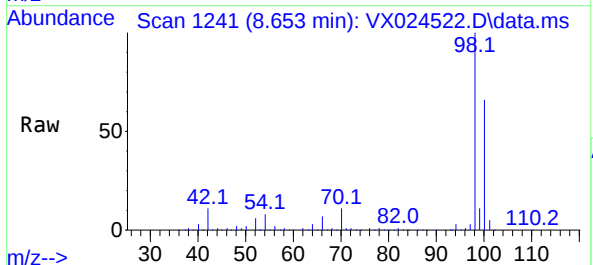
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

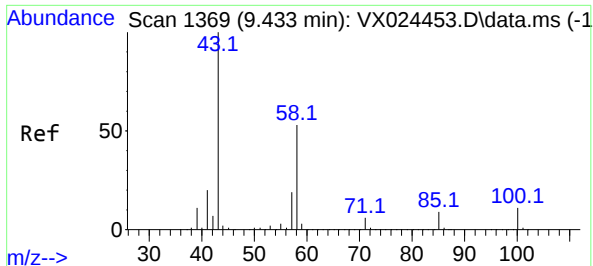
Tgt Ion: 98 Resp: 333159
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 168.8 35.4 53.0#

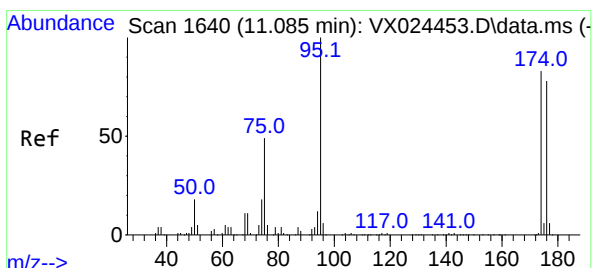
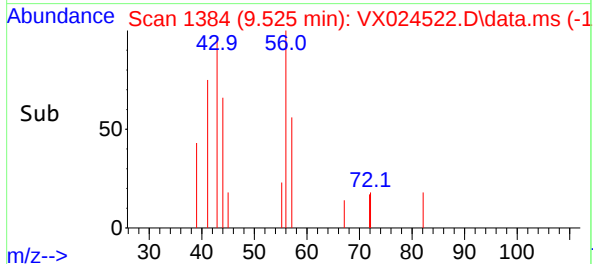
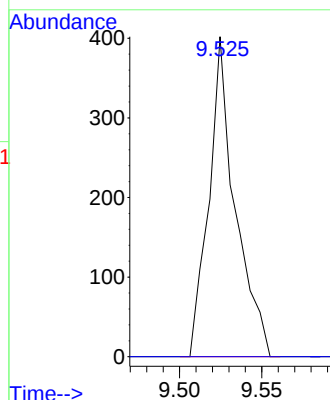
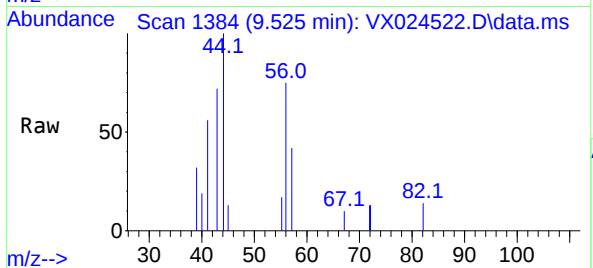




#59
2-Hexanone
Concen: 0.201 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

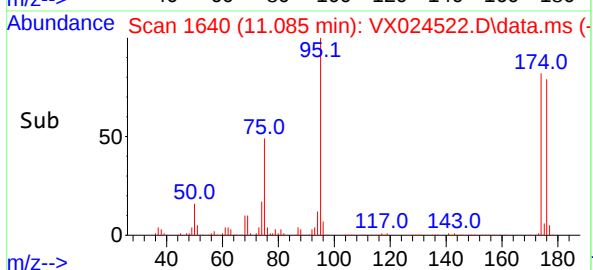
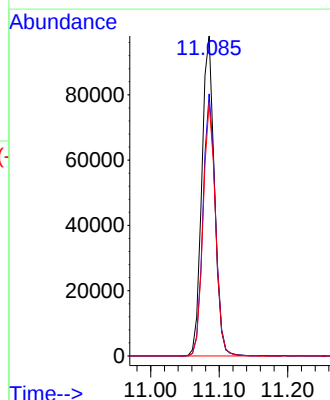
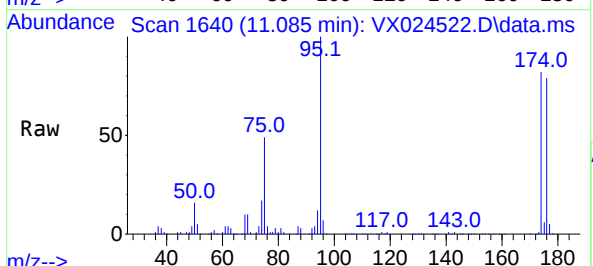
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

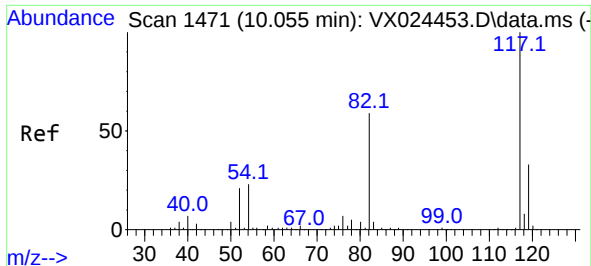
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 55.784 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 95 Resp: 125532
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.6 0.0 155.8

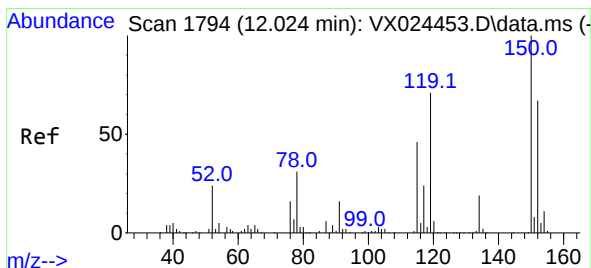
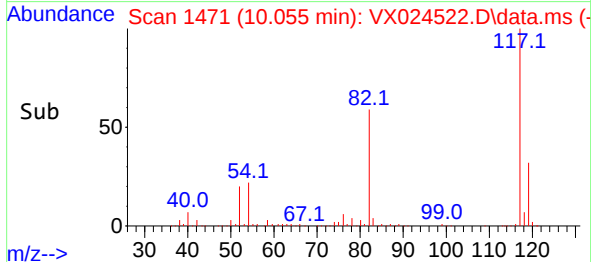
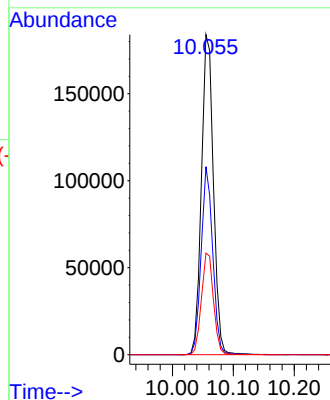
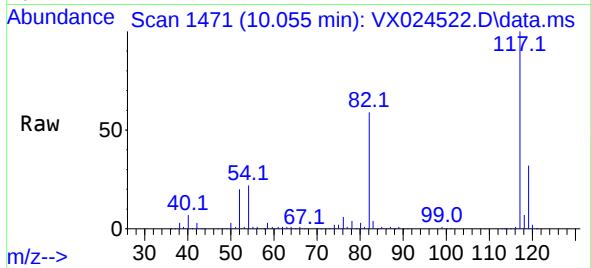




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

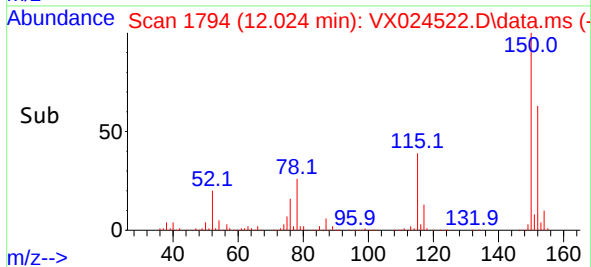
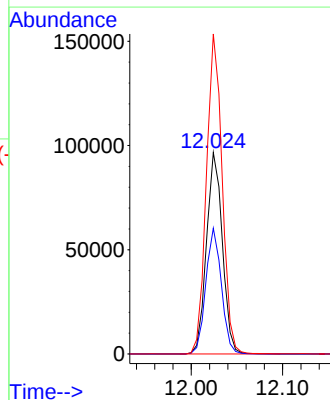
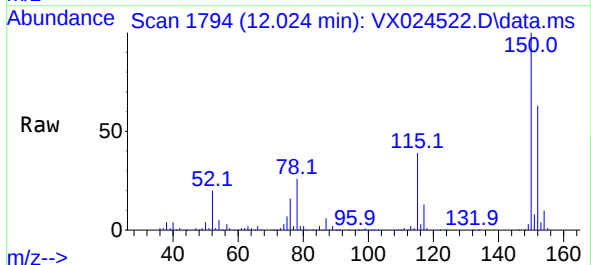
Instrument :
MSVOA_X
ClientSampleId :
P287-DITCH

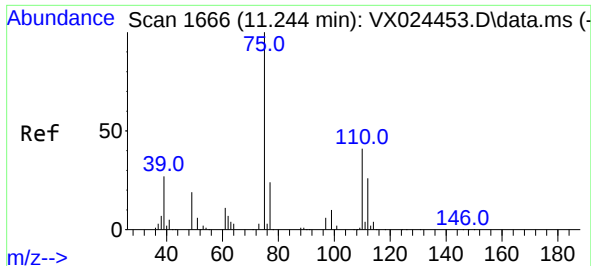
Tgt Ion:117 Resp: 252358
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion:152 Resp: 116322
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 157.5 0.0 349.0

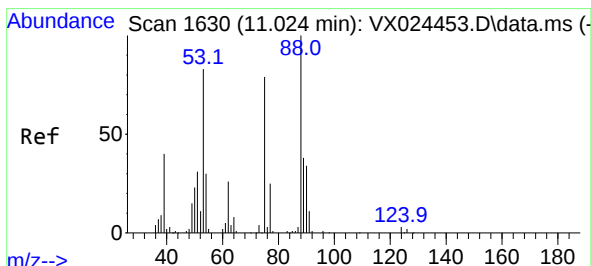
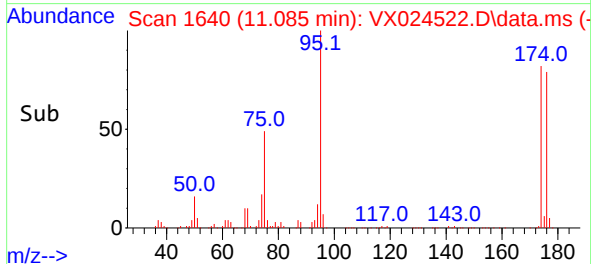
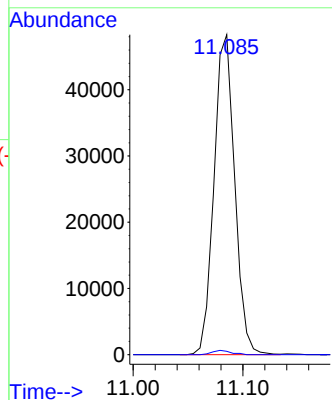
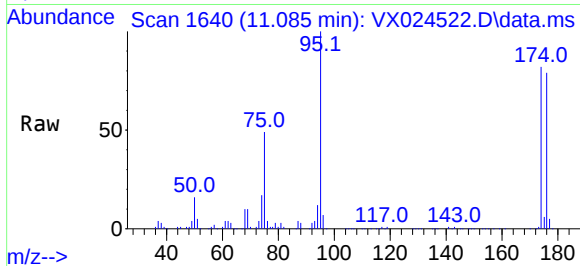




#76
1,2,3-Trichloropropane
Concen: 24.004 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Instrument :
MSVOA_X
ClientSampled :
P287-DITCH

Tgt Ion: 75 Resp: 63410
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.536 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024522.D
Acq: 04 Oct 2021 15:58

Tgt Ion: 75 Resp: 63410
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

