

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033319.D
 Acq On : 08 Dec 2022 13:32
 Operator : JC/MD
 Sample : N5906-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Dec 09 00:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

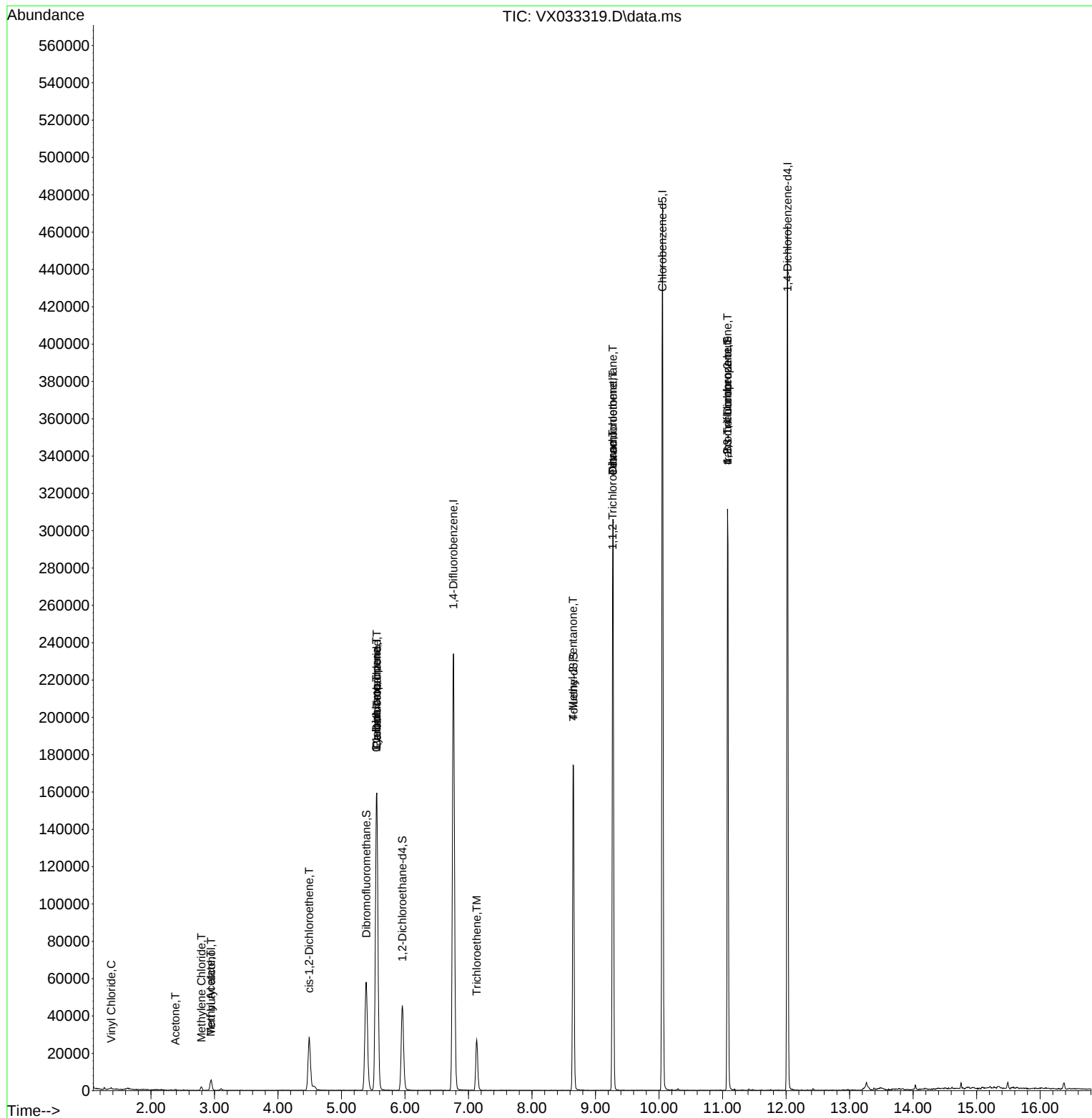
Internal Standards						
1) Pentafluorobenzene	5.556	168	153826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47701	48.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.391	113	51198	46.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.653	98	108391	47.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.360%
62) 4-Bromofluorobenzene	11.079	95	83606	47.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	421	0.297	ug/l #	54
11) Tert butyl alcohol	2.946	59	3366	11.156	ug/l #	72
16) Acetone	2.386	43	517	0.708	ug/l #	83
18) Methyl Acetate	2.940	43	531	0.251	ug/l #	51
20) Methylene Chloride	2.794	84	902	0.554	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	18171	9.967	ug/l	90
31) Cyclohexane	5.550	56	3041	1.297	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	11341	5.297	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15726	6.555	ug/l #	15
44) Trichloroethene	7.129	130	11190	6.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	525	0.255	ug/l #	1
55) 1,1,2-Trichloroethane	9.268	97	482	0.284	ug/l #	1
60) Dibromochloromethane	9.275	129	55679	29.783	ug/l #	11
64) Tetrachloroethene	9.275	164	57204	39.229	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	42760	21.264	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42760	66.146	ug/l #	6

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

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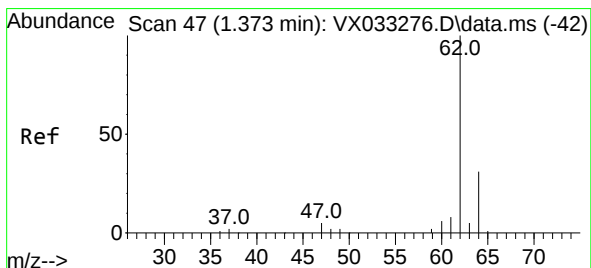
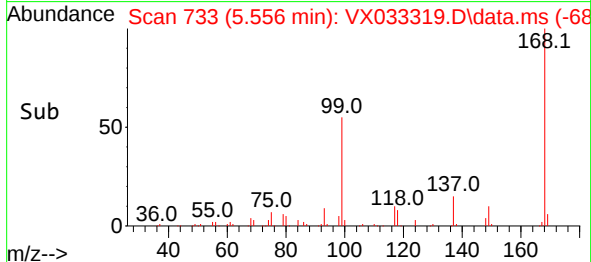
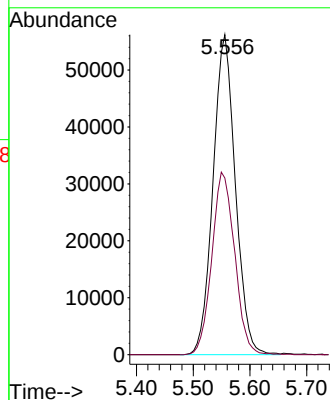
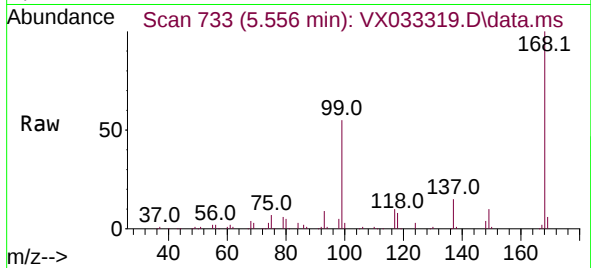




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

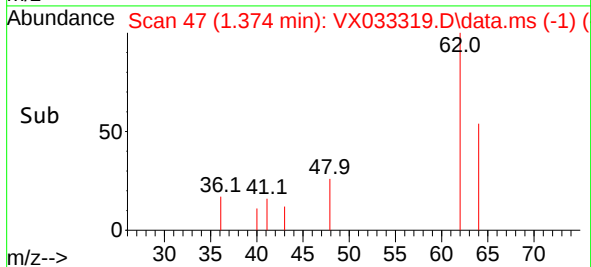
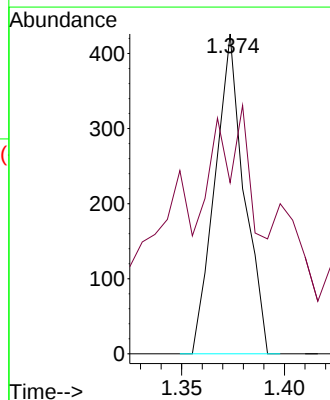
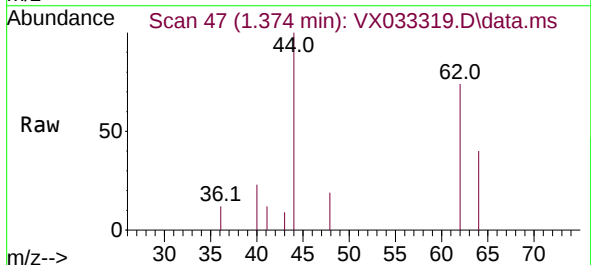
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

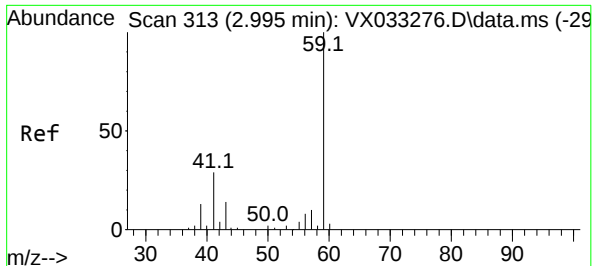
Tgt Ion:168 Resp: 153826
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#4
Vinyl Chloride
Concen: 0.297 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 62 Resp: 421
Ion Ratio Lower Upper
62 100
64 6.6 25.8 38.6#





#11

Tert butyl alcohol

Concen: 11.156 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

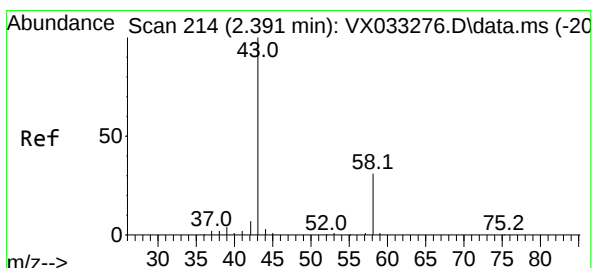
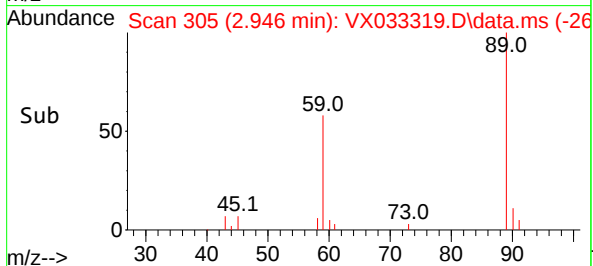
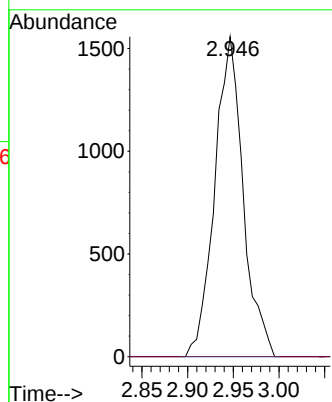
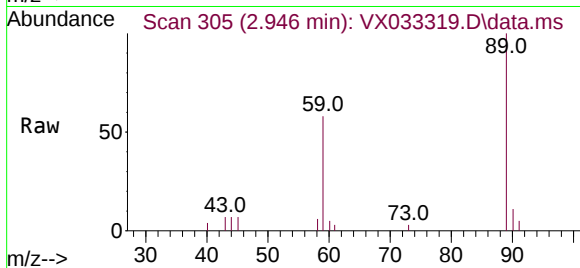
MW-28DL

Tgt Ion: 59 Resp: 3366

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.708 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033319.D

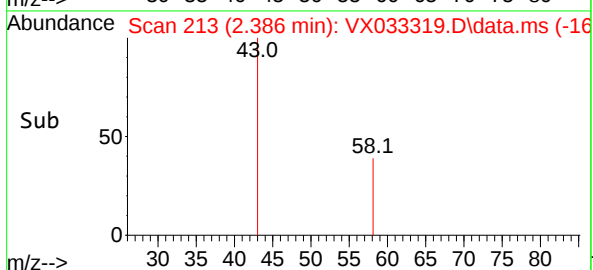
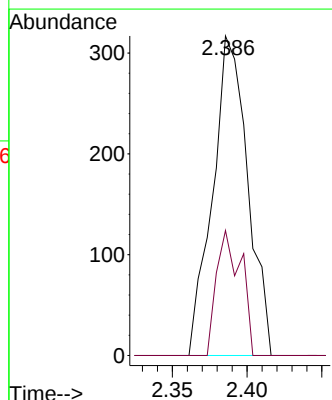
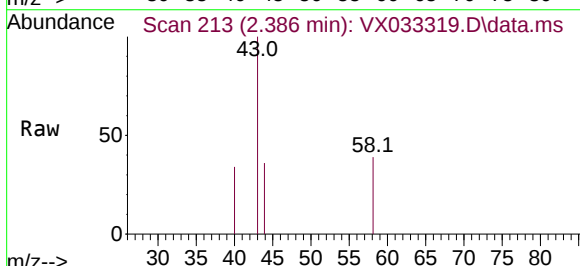
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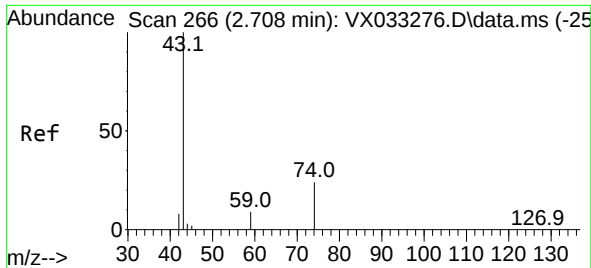
Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

58 39.1 23.8 35.8#





#18

Methyl Acetate

Concen: 0.251 ug/l

RT: 2.940 min Scan# 304

Delta R.T. 0.232 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

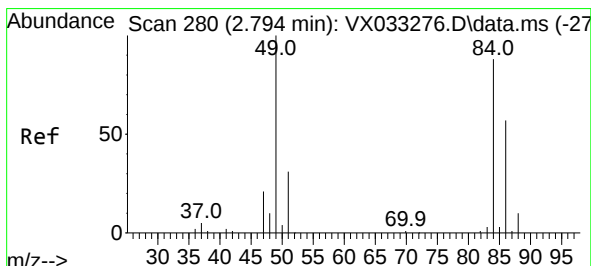
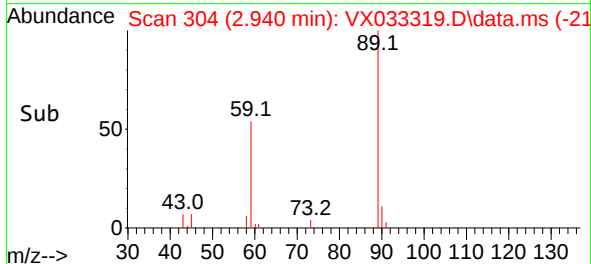
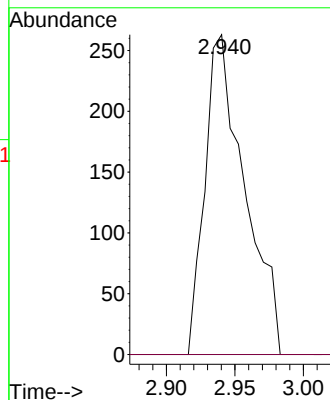
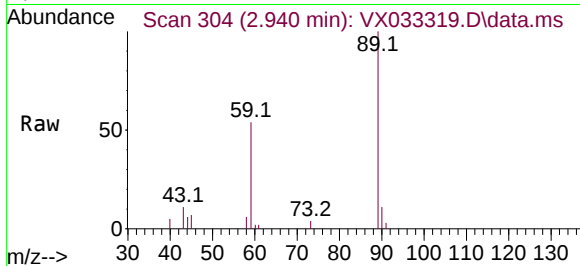
MW-28DL

Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.554 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Tgt Ion: 84 Resp: 902

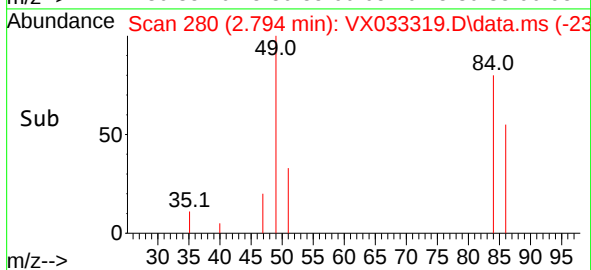
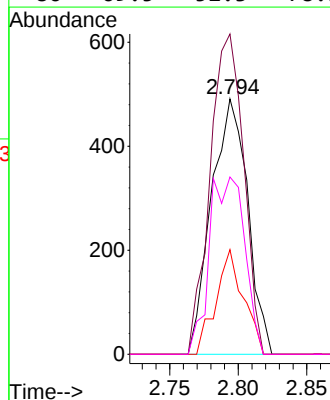
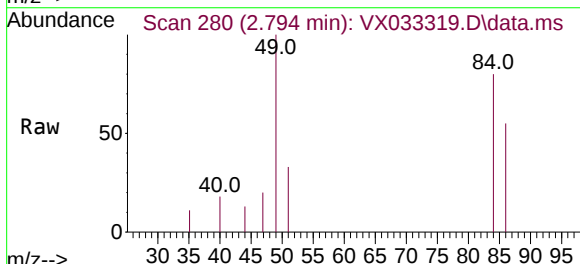
Ion Ratio Lower Upper

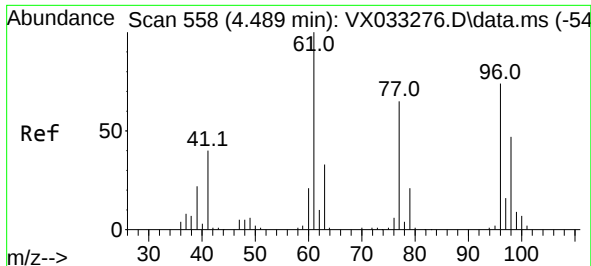
84 100

49 125.5 101.0 151.6

51 40.9 31.1 46.7

86 69.5 52.3 78.5

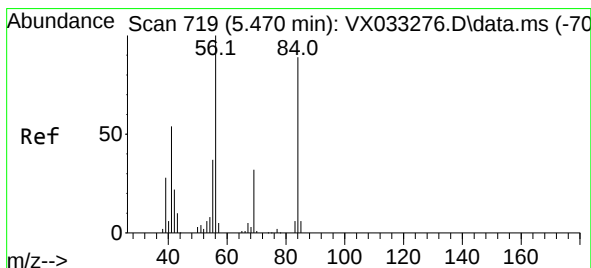
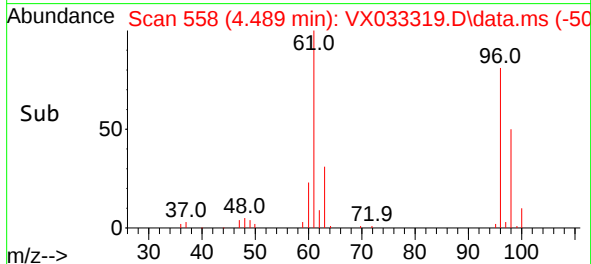
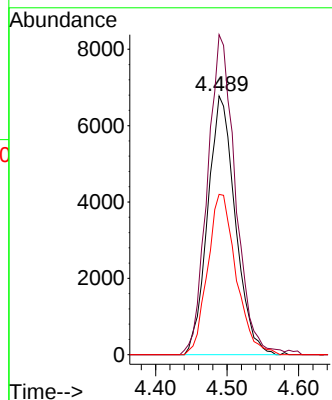
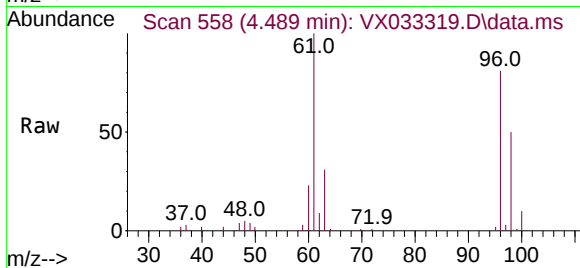




#27
 cis-1,2-Dichloroethene
 Concen: 9.967 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033319.D
 Acq: 08 Dec 2022 13:32

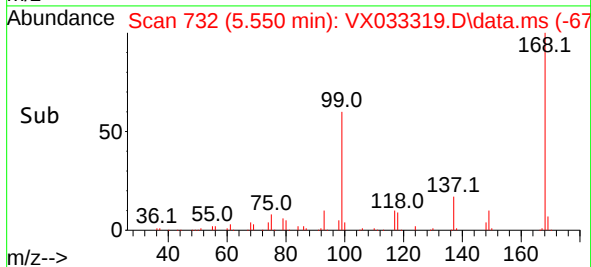
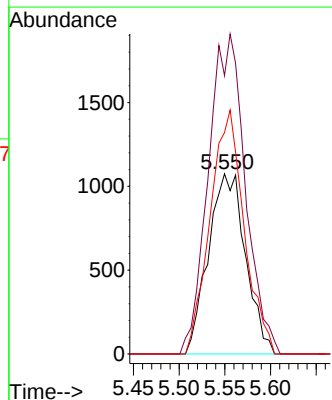
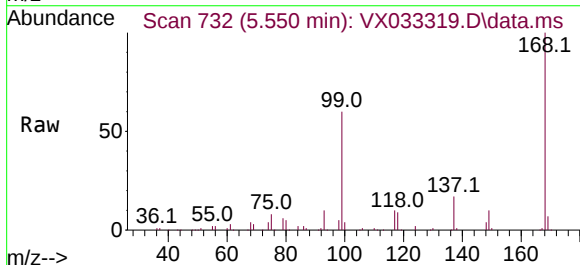
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

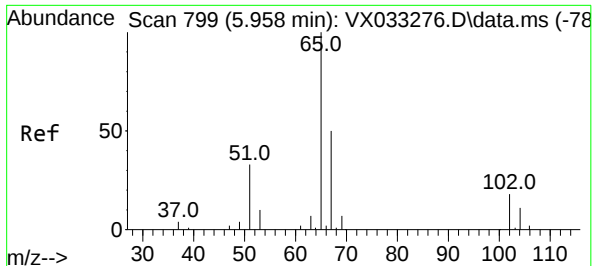
Tgt Ion: 96 Resp: 18171
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 286.0
 98 64.0 0.0 129.6



#31
 Cyclohexane
 Concen: 1.297 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX033319.D
 Acq: 08 Dec 2022 13:32

Tgt Ion: 56 Resp: 3041
 Ion Ratio Lower Upper
 56 100
 69 154.4 24.1 36.1#
 84 122.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.337 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

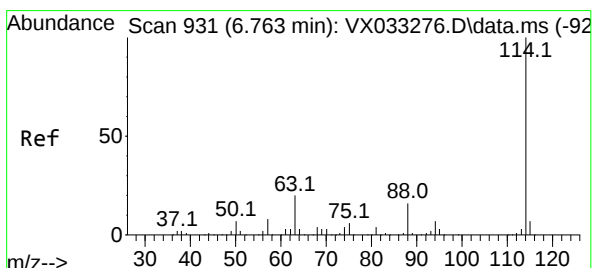
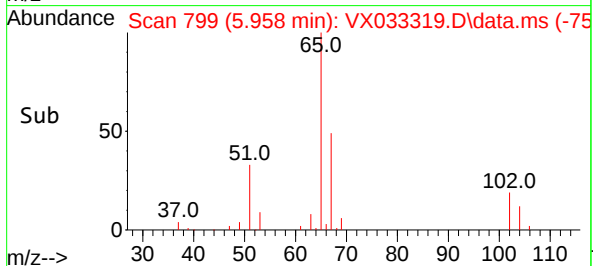
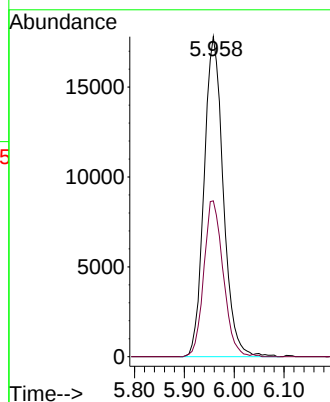
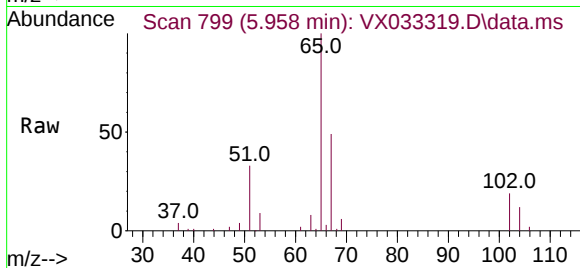
MW-28DL

Tgt Ion: 65 Resp: 47701

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

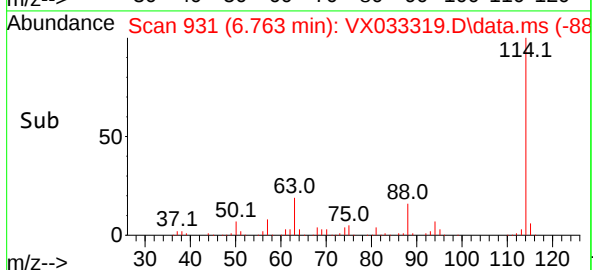
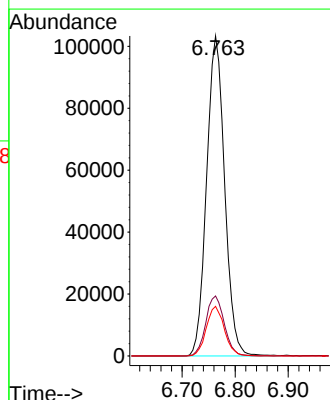
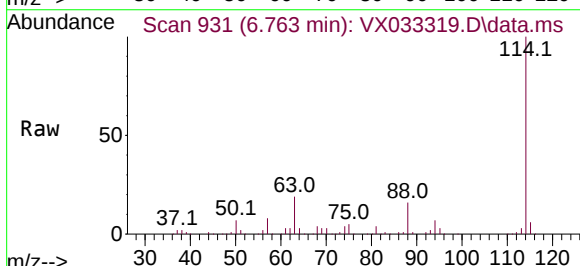
Tgt Ion: 114 Resp: 244174

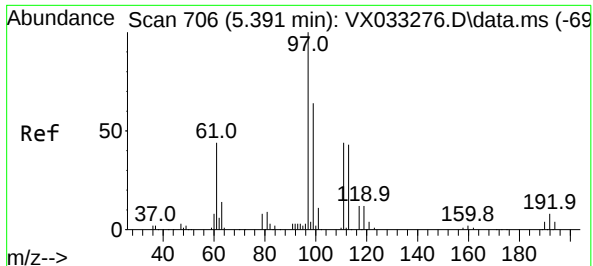
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.5 0.0 33.4

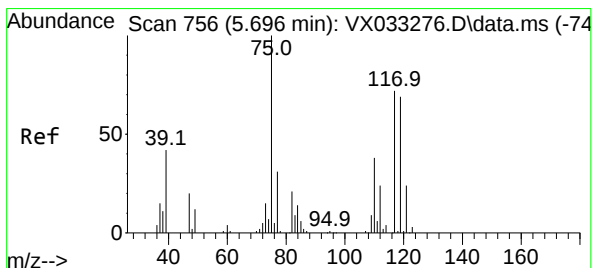
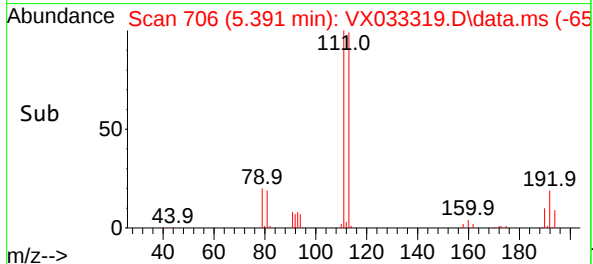
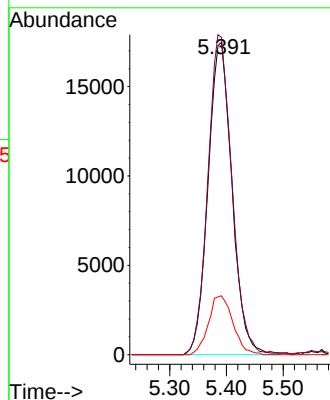
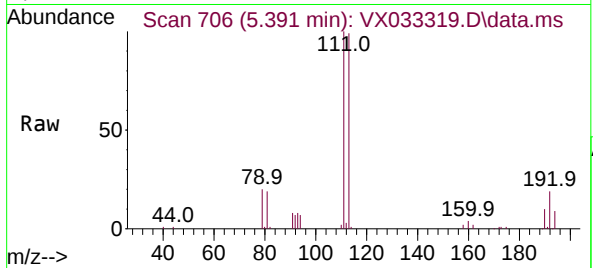




#35
Dibromofluoromethane
Concen: 46.618 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

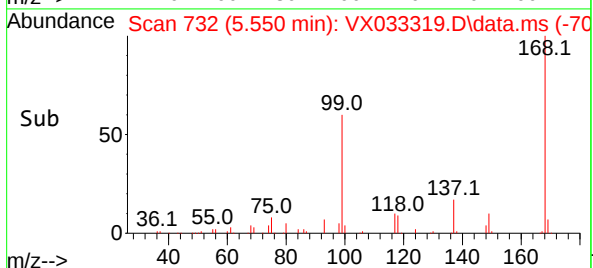
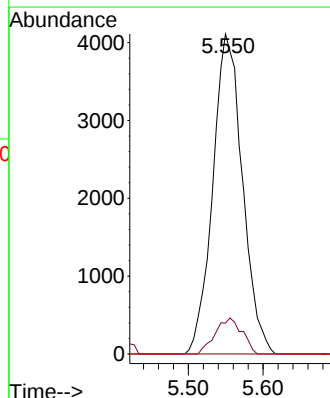
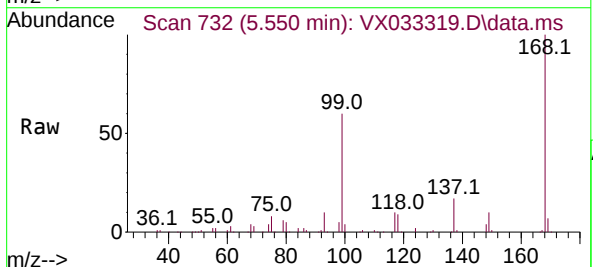
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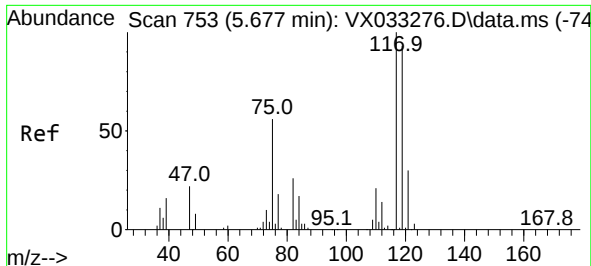
Tgt Ion:113 Resp: 51198
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

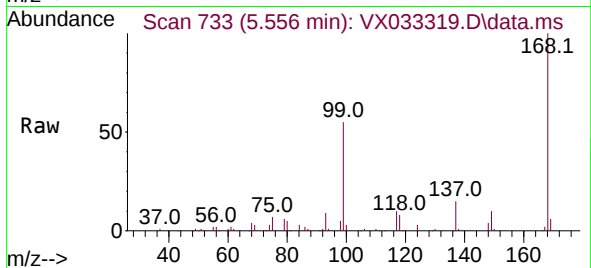
Tgt Ion: 75 Resp: 11341
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



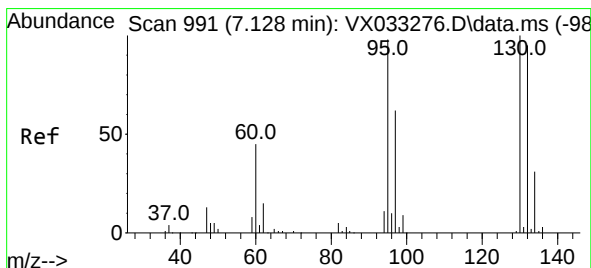
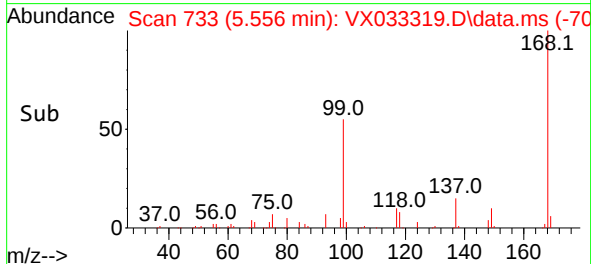
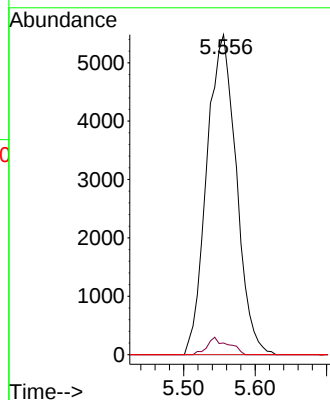


#38
Carbon Tetrachloride
Concen: 6.555 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

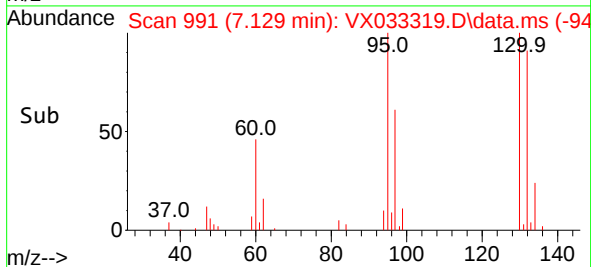
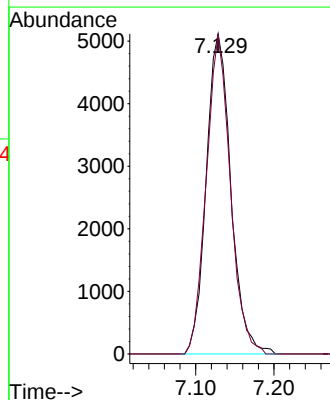
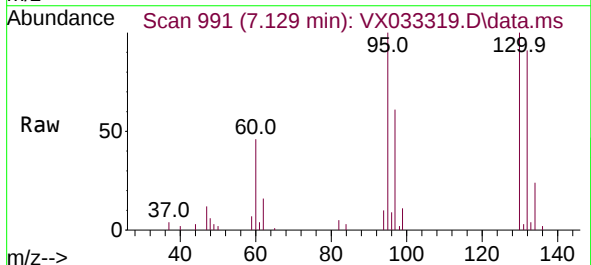


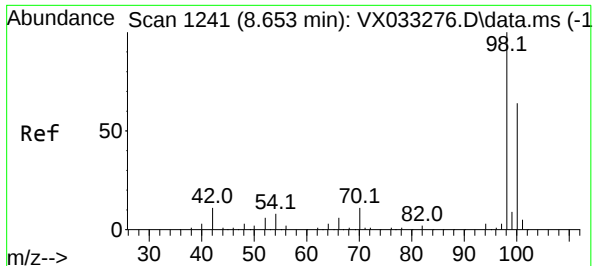
Tgt Ion:117 Resp: 15726
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 6.501 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion:130 Resp: 11190
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.2

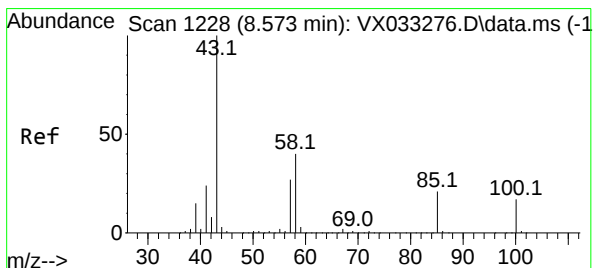
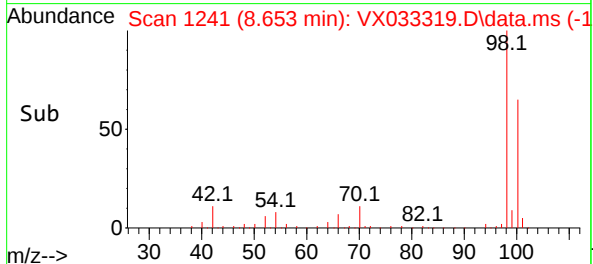
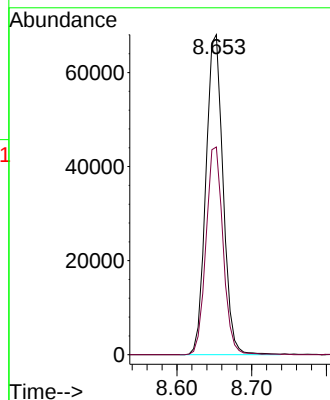
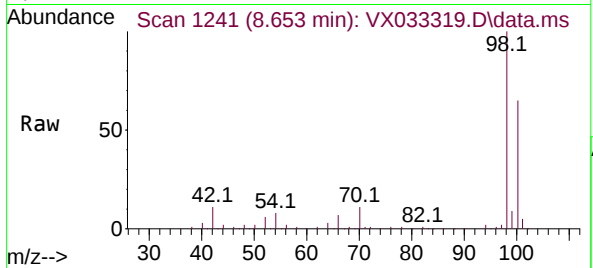




#50
Toluene-d8
Concen: 47.178 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

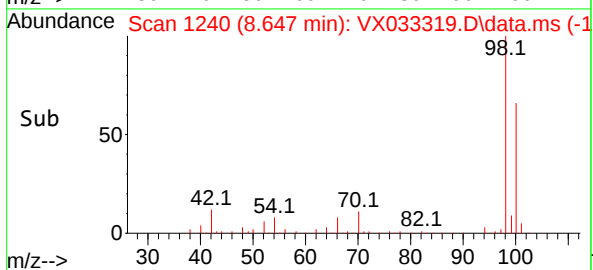
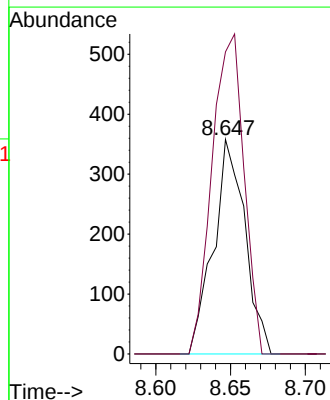
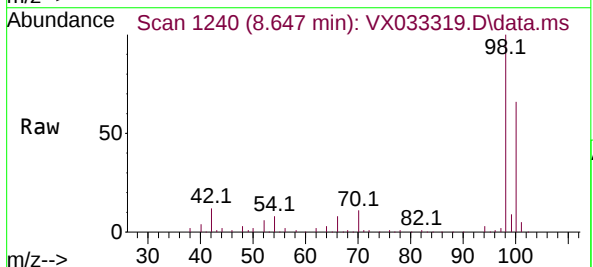
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

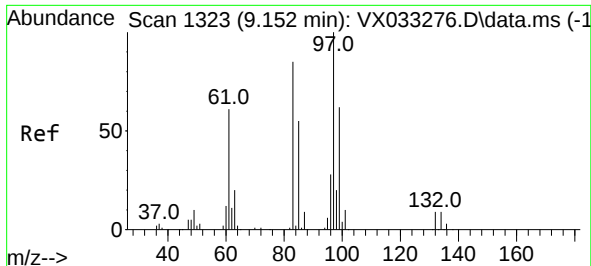
Tgt Ion: 98 Resp: 108391
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.255 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 151.2 30.9 46.3#





#55

1,1,2-Trichloroethane

Concen: 0.284 ug/l

RT: 9.268 min Scan# 1

Delta R.T. 0.116 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

MW-28DL

Tgt Ion: 97 Resp: 482

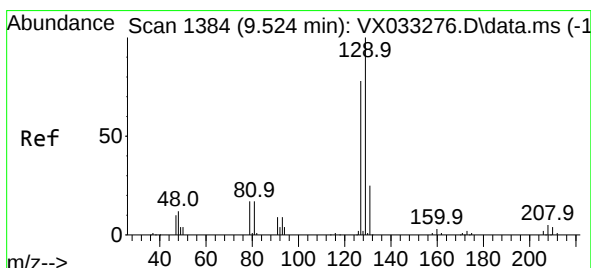
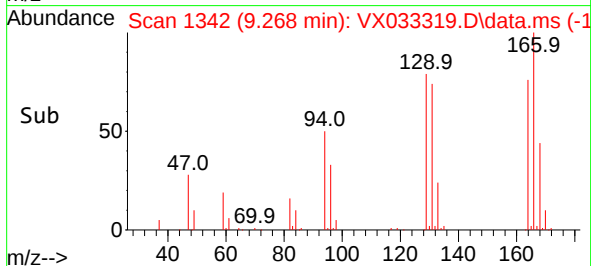
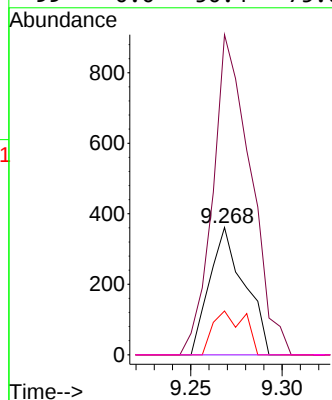
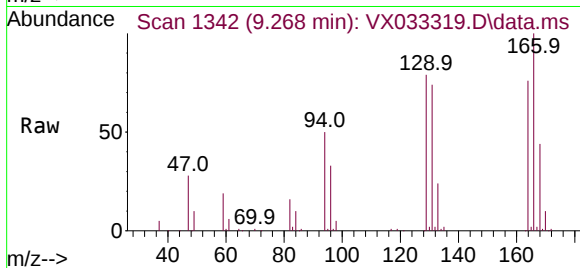
Ion Ratio Lower Upper

97 100

83 251.5 68.1 102.1#

85 34.3 43.3 64.9#

99 0.0 50.4 75.6#



#60

Dibromochloromethane

Concen: 29.783 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX033319.D

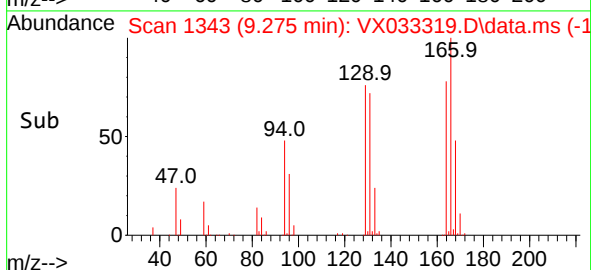
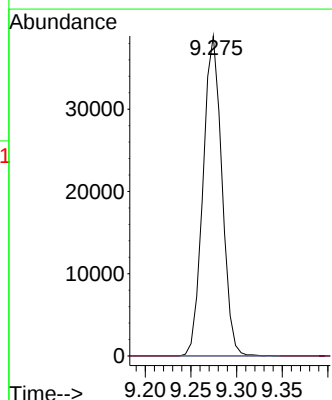
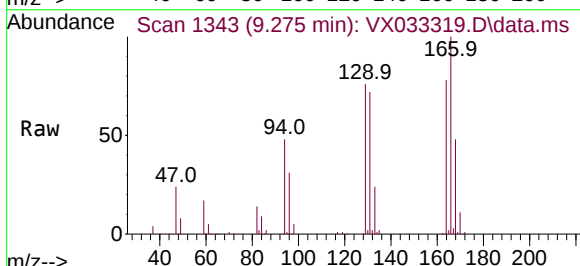
Acq: 08 Dec 2022 13:32

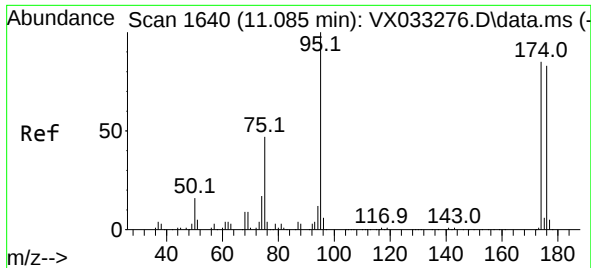
Tgt Ion:129 Resp: 55679

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

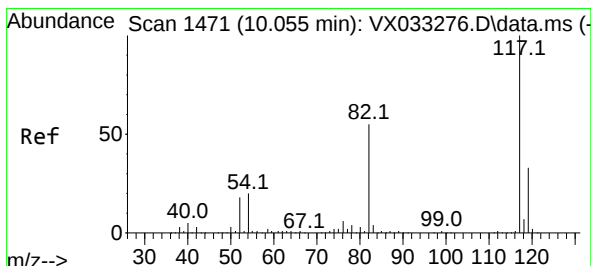
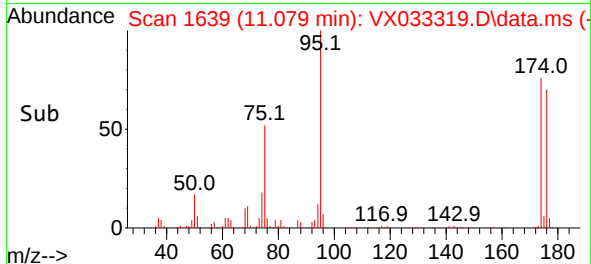
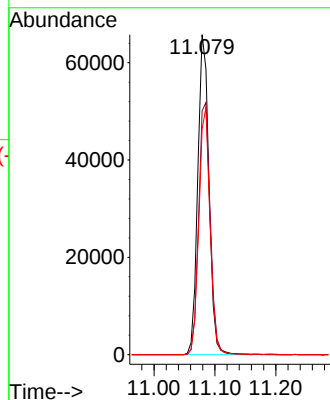
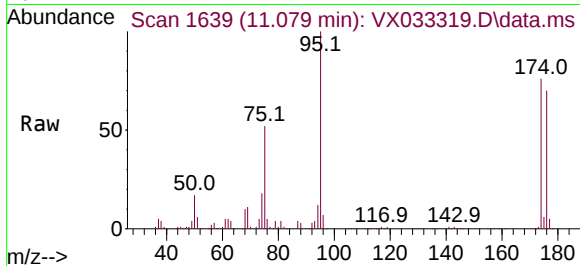




#62
4-Bromofluorobenzene
Concen: 47.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

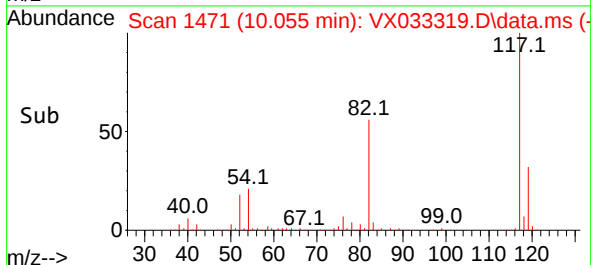
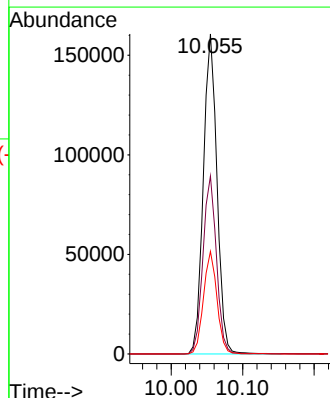
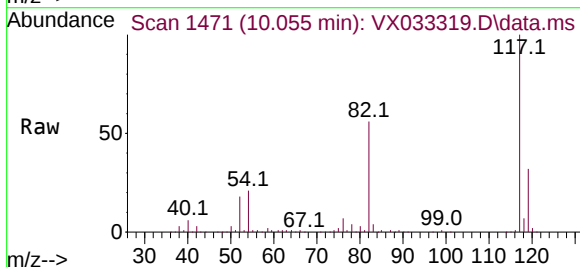
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

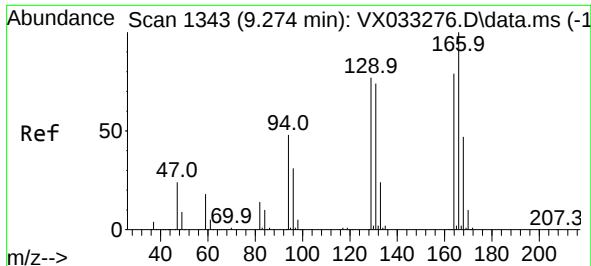
Tgt Ion: 95 Resp: 83606
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 77.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 117 Resp: 213255
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.0 25.7 38.5



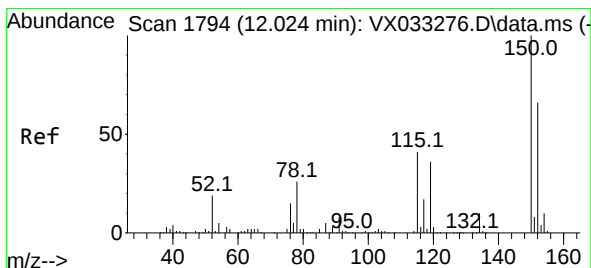
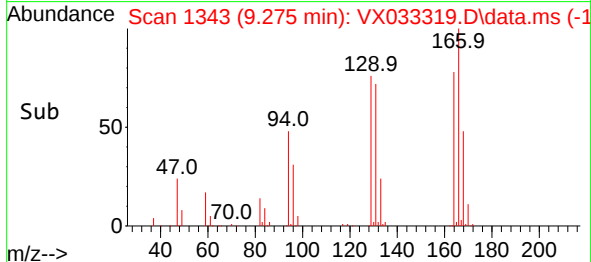
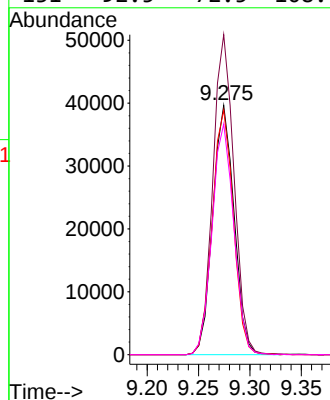
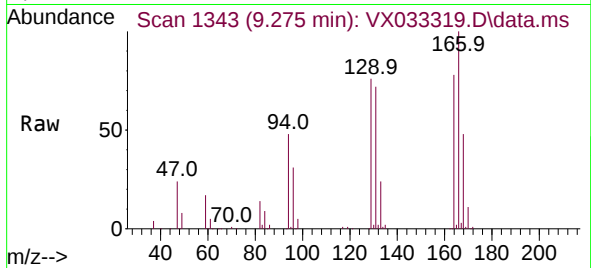


#64
Tetrachloroethene
Concen: 39.229 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:164 Resp: 57204

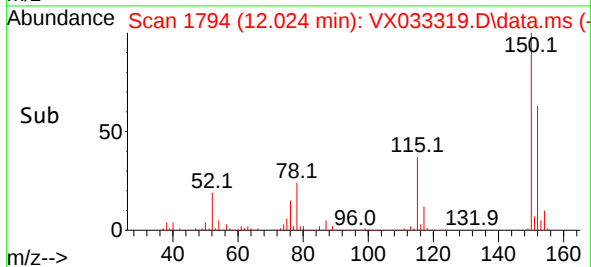
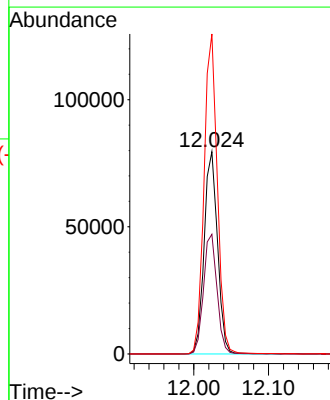
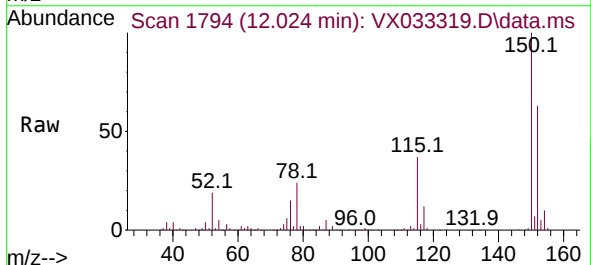
Ion	Ratio	Lower	Upper
164	100		
166	128.3	105.4	158.2
129	98.1	78.2	117.2
131	92.5	72.5	108.7

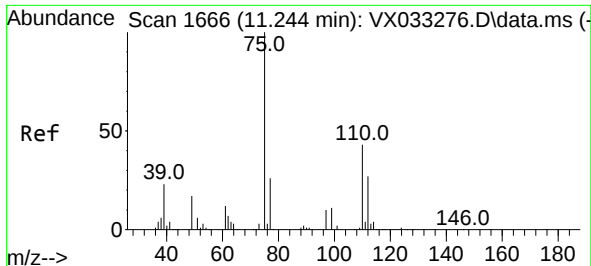


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion:152 Resp: 98839

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.0	132.0
150	156.1	0.0	351.8

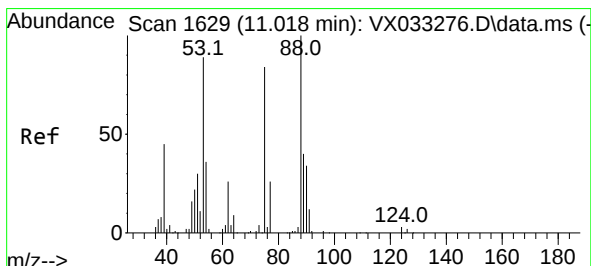
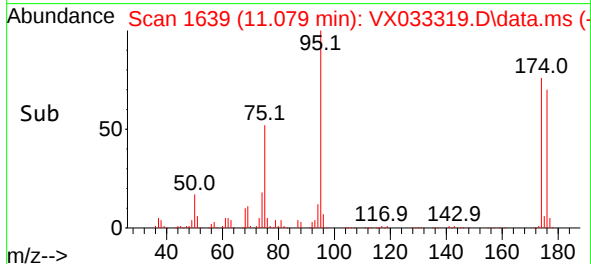
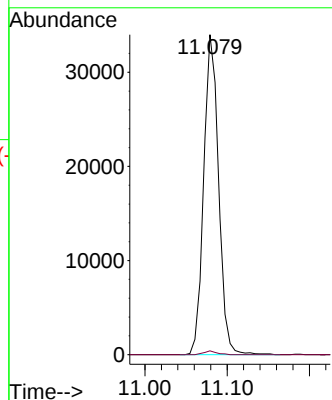
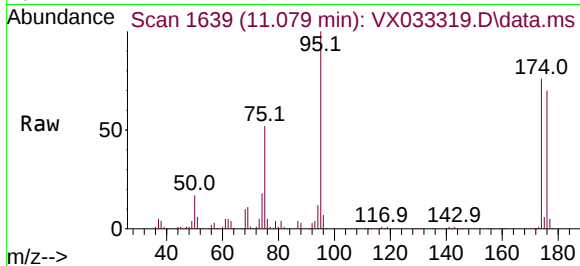




#76
1,2,3-Trichloropropane
Concen: 21.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 75 Resp: 42760
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 75 Resp: 42760
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

