

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027572.D
 Acq On : 19 Mar 2022 19:54
 Operator : JC/MD
 Sample : N2000-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20220315

Quant Time: Mar 21 01:26:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

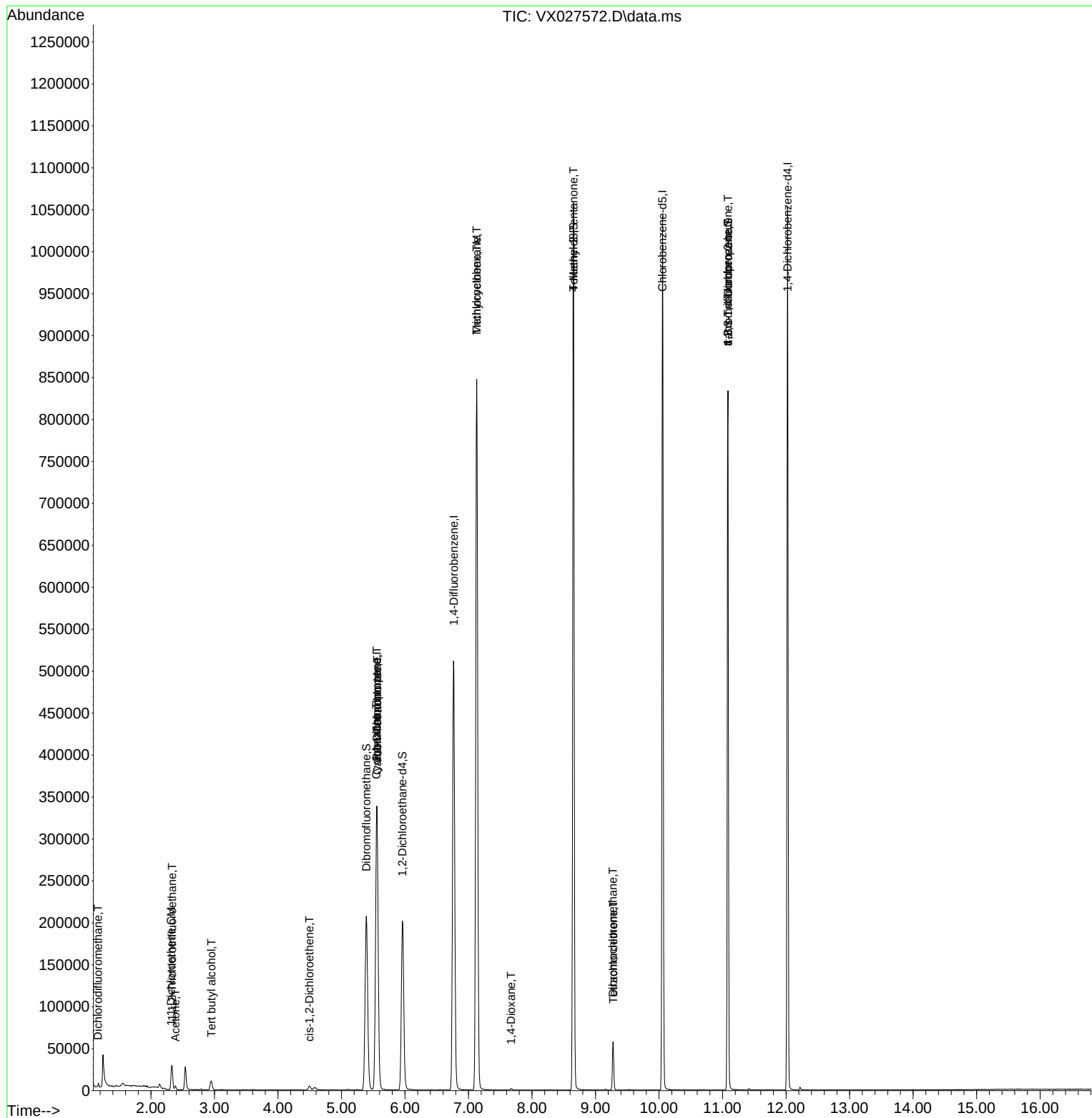
Internal Standards						
1) Pentafluorobenzene	5.556	168	335402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	550863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198610	48.068	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.140%
35) Dibromofluoromethane	5.391	113	182999	51.634	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.260%
50) Toluene-d8	8.653	98	646235	48.185	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.085	95	226474	45.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1503	0.467	ug/l	96
5) Bromomethane	1.611	94	538	Below Cal	#	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	11228	3.459	ug/l	96
11) Tert butyl alcohol	2.953	59	6647	8.441	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	1520	0.488	ug/l #	76
16) Acetone	2.386	43	4325	2.568	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	3344	0.868	ug/l	88
31) Cyclohexane	5.550	56	5948	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22741	4.695	ug/l #	50
38) Carbon Tetrachloride	5.562	117	33080	5.970	ug/l #	15
39) Methylcyclohexane	7.129	83	3783	0.621	ug/l #	1
44) Trichloroethene	7.129	130	351366	83.300	ug/l	100
49) 1,4-Dioxane	7.671	88	1452	14.707	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	2179	0.439	ug/l #	1
60) Dibromochloromethane	9.275	129	11132	2.667	ug/l #	9
64) Tetrachloroethene	9.281	164	11248	2.906	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	107646	22.773	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	107646	69.161	ug/l #	15

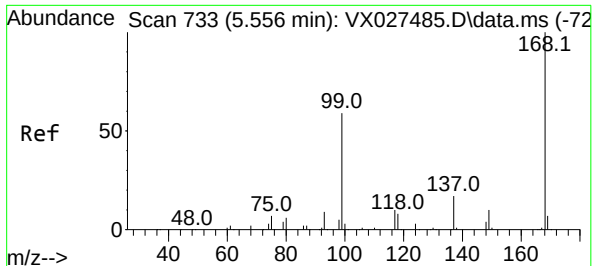
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

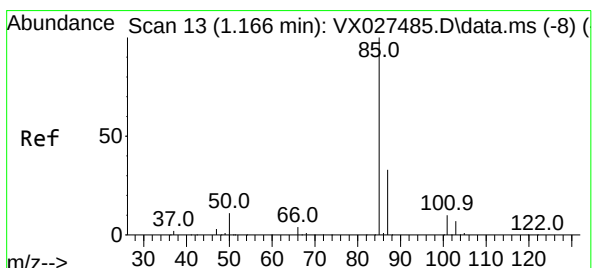
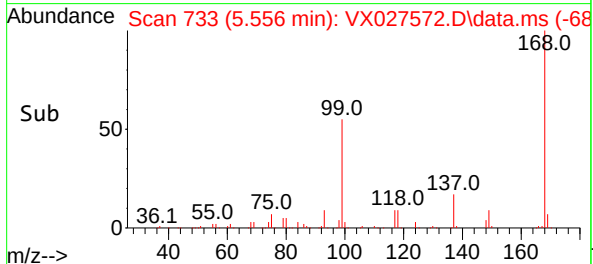
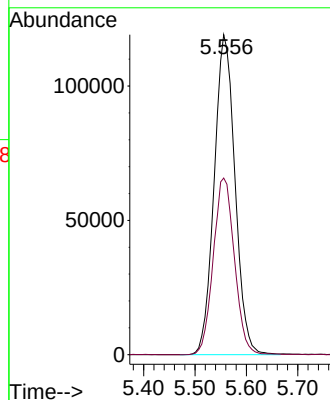
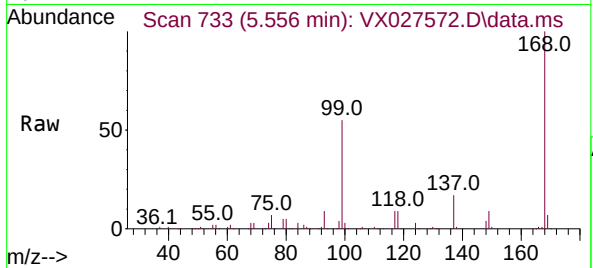




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

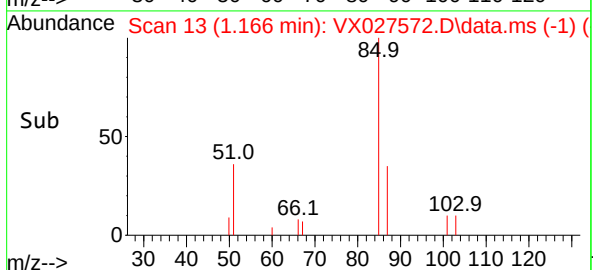
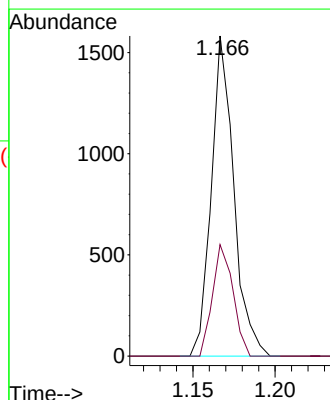
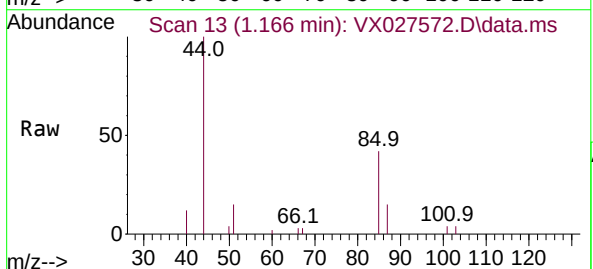
Instrument :
MSVOA_X
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DUP05-20220315

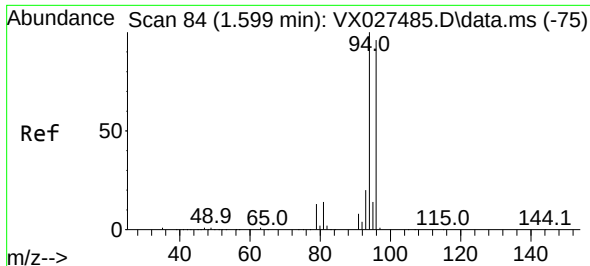
Tgt Ion:168 Resp: 335402
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.467 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 85 Resp: 1503
Ion Ratio Lower Upper
85 100
87 34.8 16.2 48.6

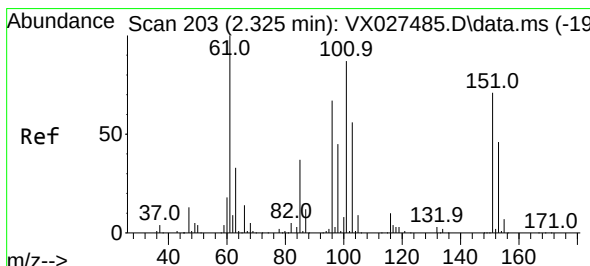
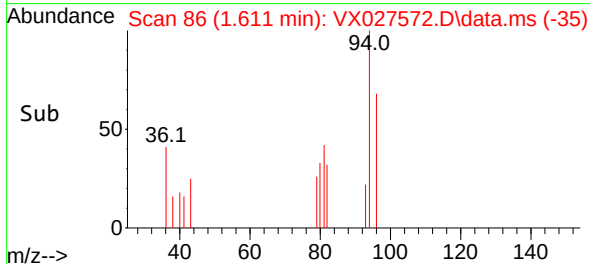
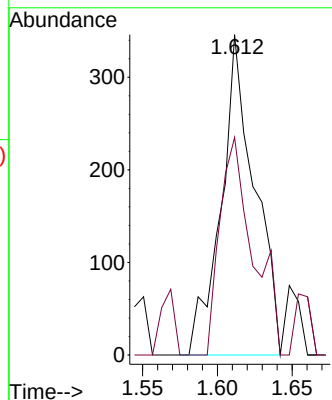
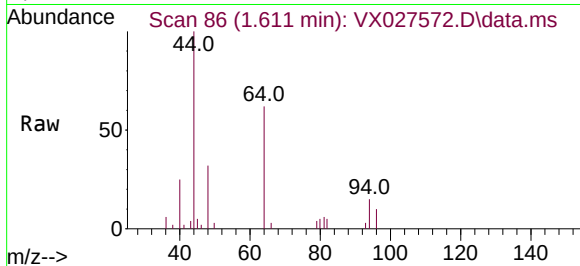




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

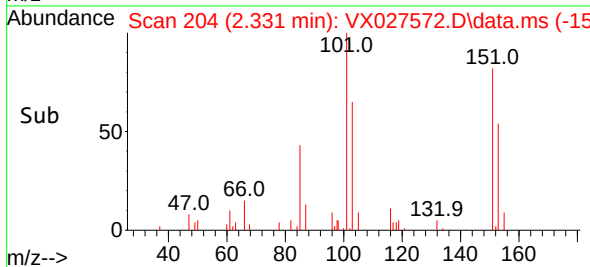
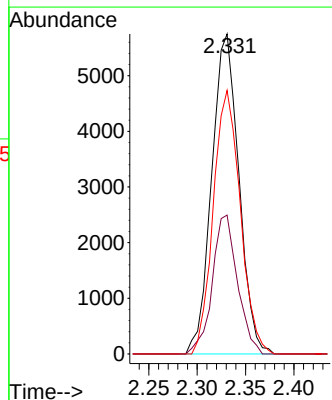
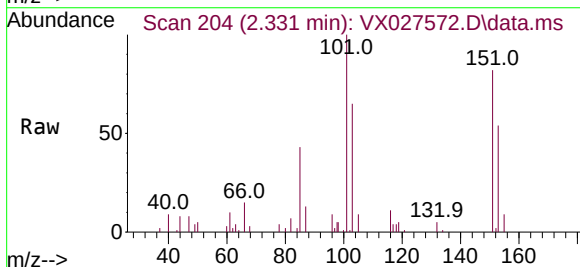
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220315

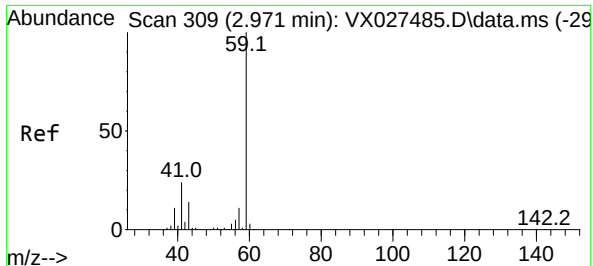
Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 67.9 75.3 112.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.459 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 101 Resp: 11228
Ion Ratio Lower Upper
101 100
85 40.2 33.5 50.3
151 81.8 61.8 92.6





#11

Tert butyl alcohol

Concen: 8.441 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX027572.D

Acq: 19 Mar 2022 19:54

Instrument :

MSVOA_X

ClientSampleId :

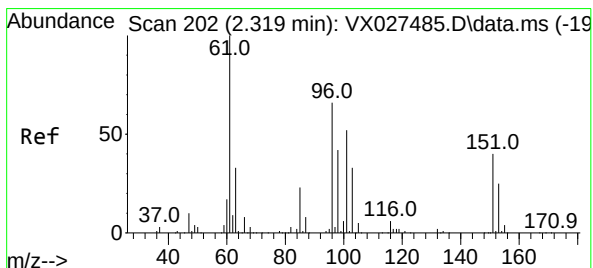
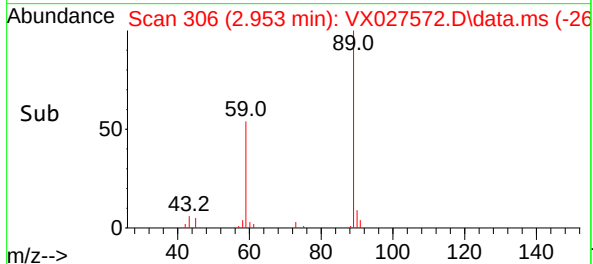
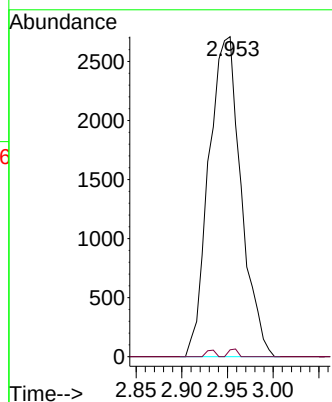
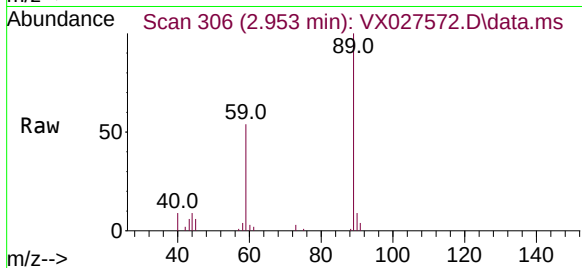
DUP05-20220315

Tgt Ion: 59 Resp: 6647

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.488 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX027572.D

Acq: 19 Mar 2022 19:54

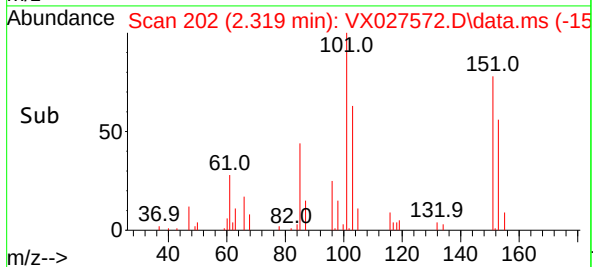
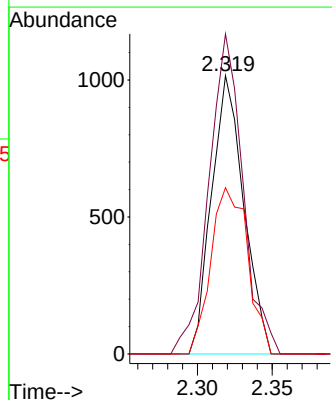
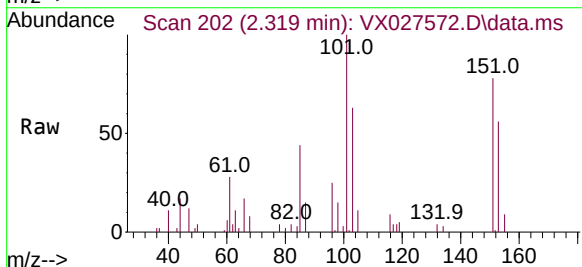
Tgt Ion: 96 Resp: 1520

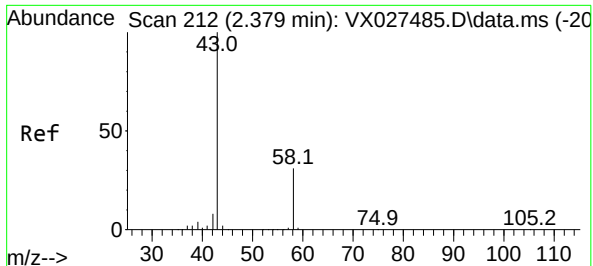
Ion Ratio Lower Upper

96 100

61 115.0 124.6 187.0#

98 59.7 51.0 76.4

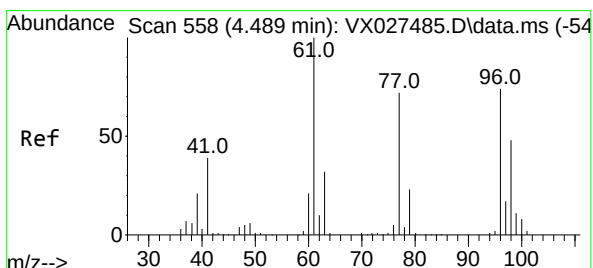
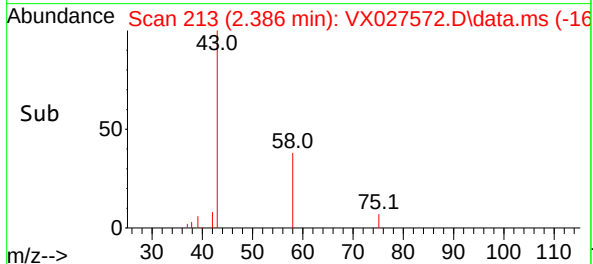
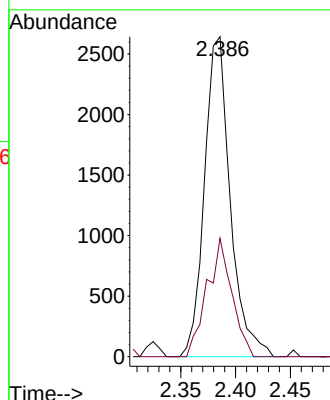
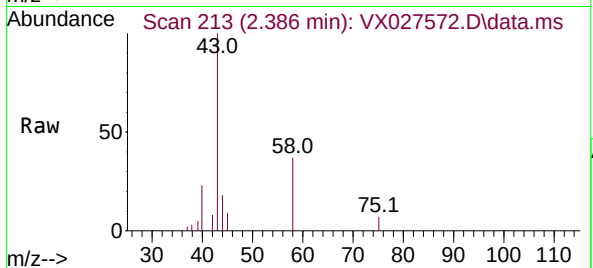




#16
Acetone
Concen: 2.568 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

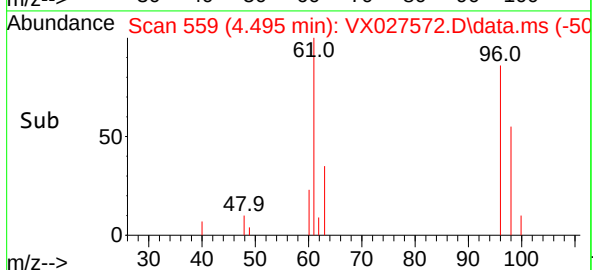
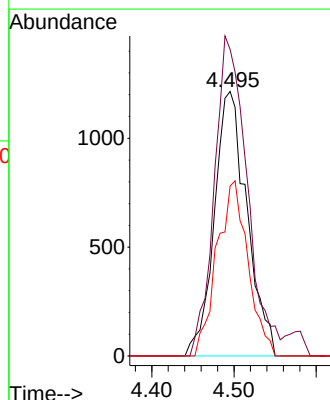
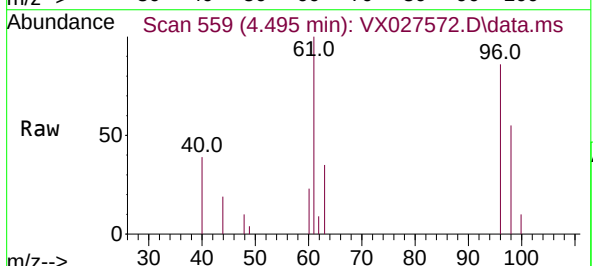
Instrument :
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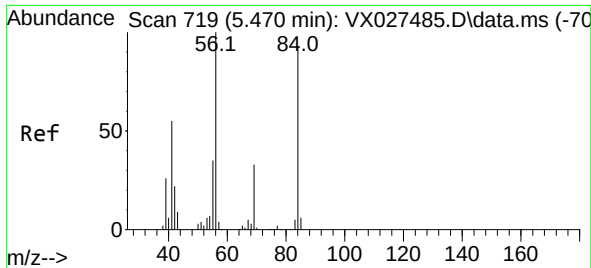
Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
58 37.0 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.868 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 96 Resp: 3344
Ion Ratio Lower Upper
96 100
61 122.5 0.0 283.8
98 63.0 0.0 129.8

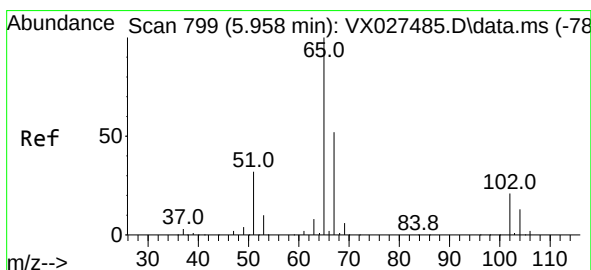
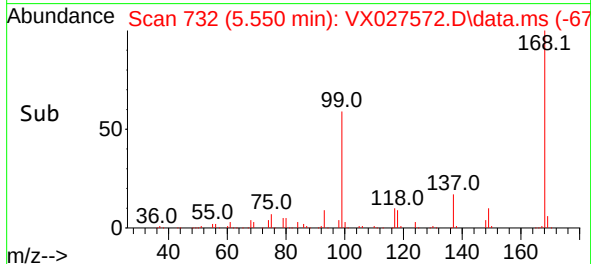
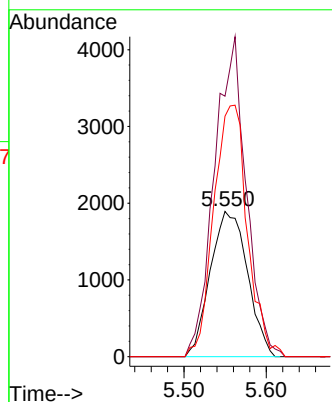
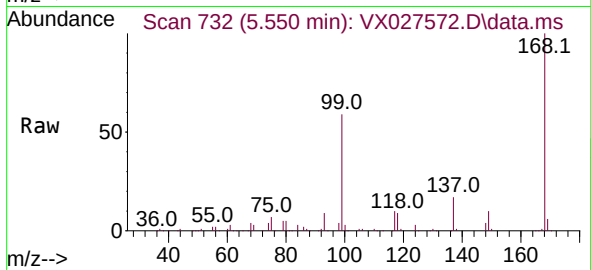




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

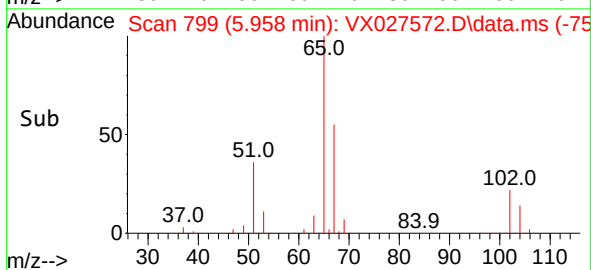
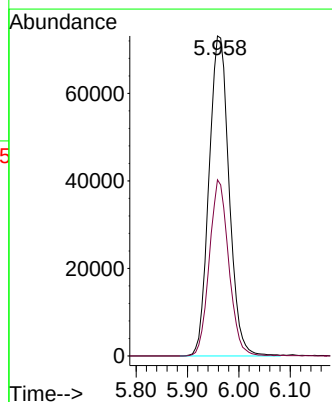
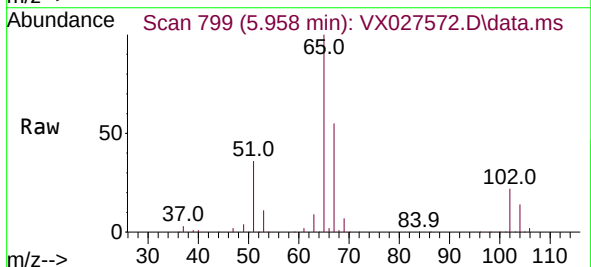
Instrument :
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ClientSampleId :
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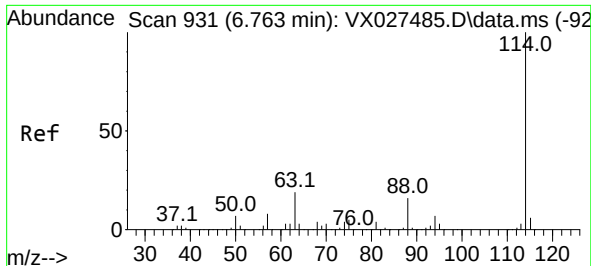
Tgt Ion: 56 Resp: 5948
Ion Ratio Lower Upper
56 100
69 179.3 26.7 40.1#
84 165.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.068 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 65 Resp: 198610
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

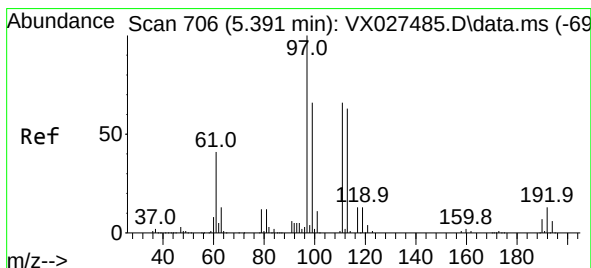
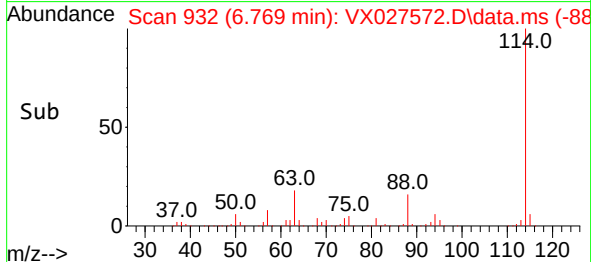
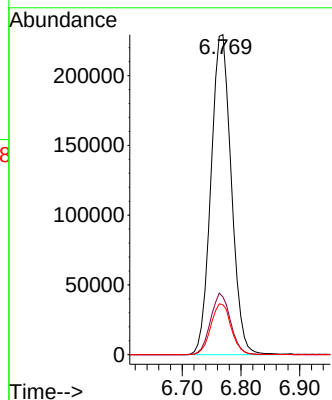
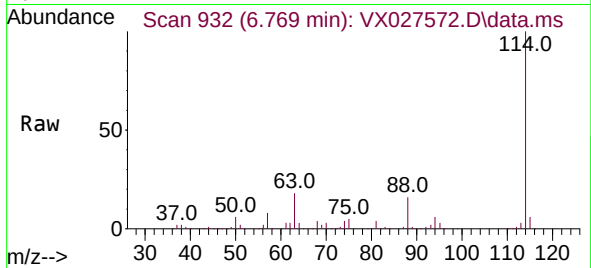




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

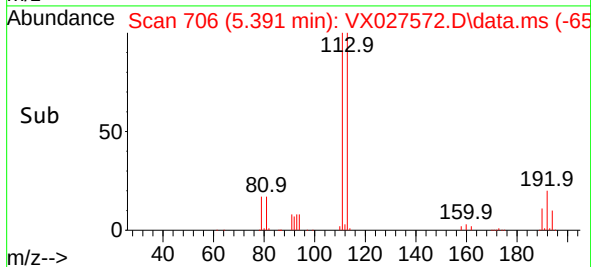
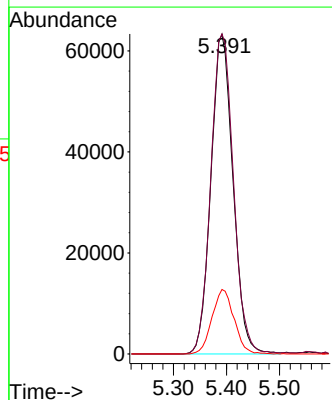
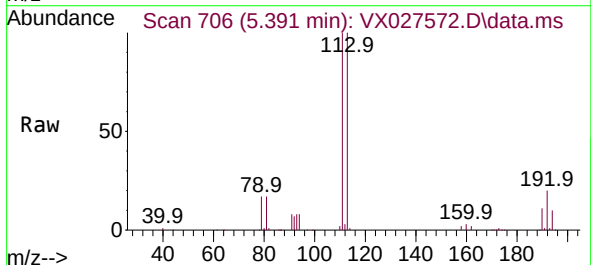
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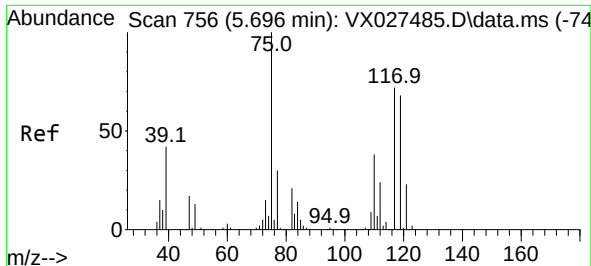
Tgt Ion:114 Resp: 550863
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.634 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion:113 Resp: 182999
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.1 16.9 25.3

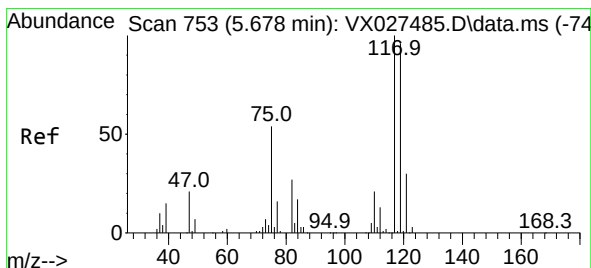
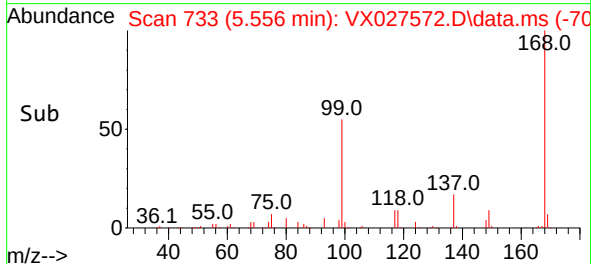
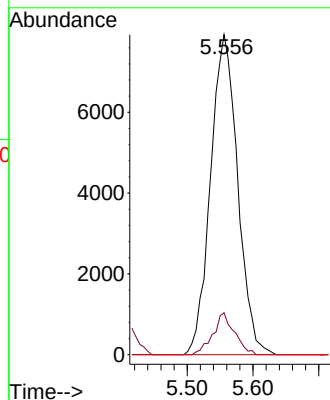
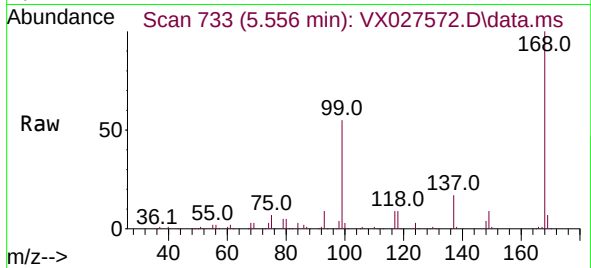




#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

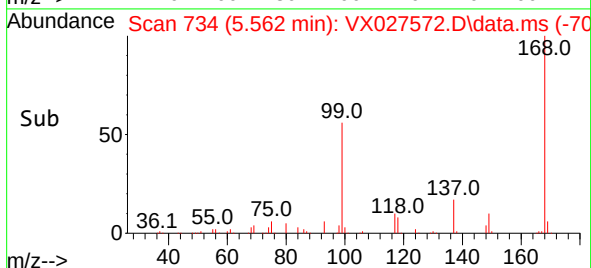
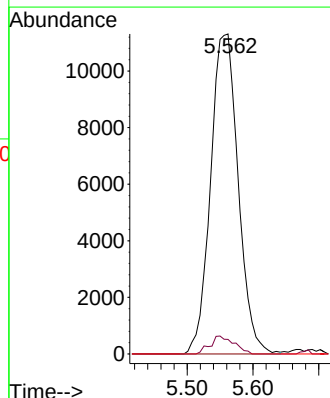
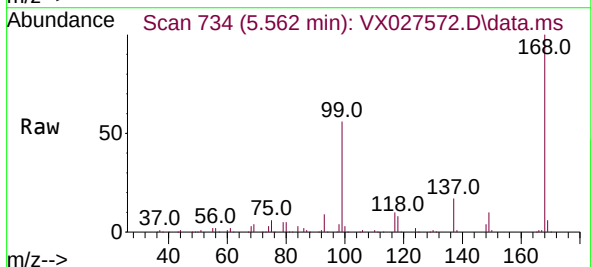
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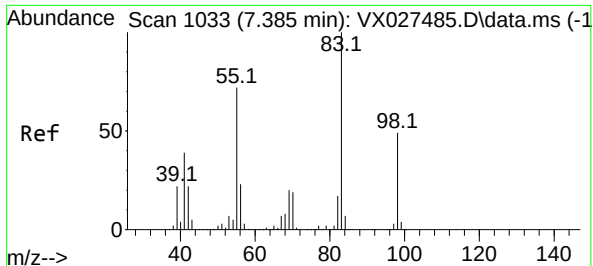
Tgt Ion: 75 Resp: 22741
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 117 Resp: 33080
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.621 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027572.D

Acq: 19 Mar 2022 19:54

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20220315

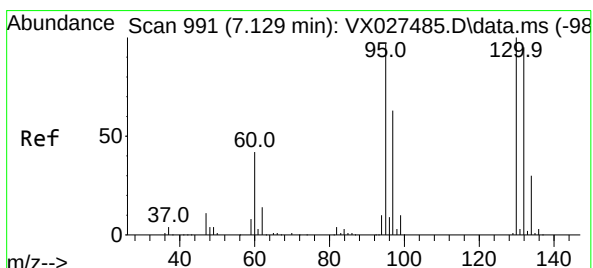
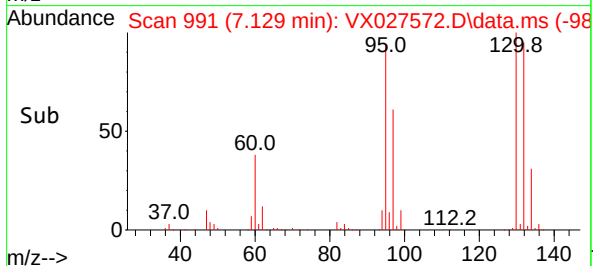
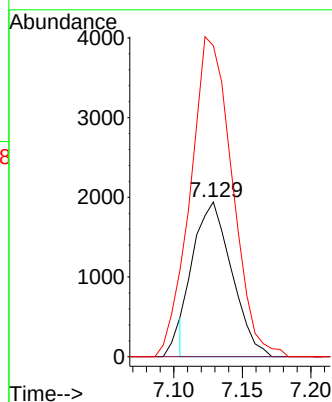
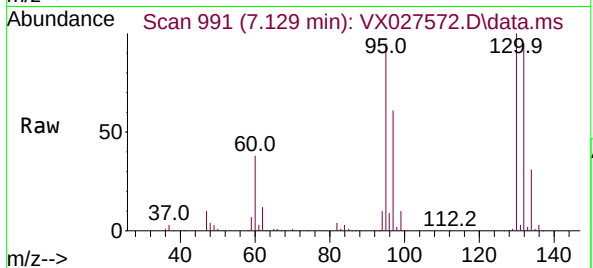
Tgt Ion: 83 Resp: 3783

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 196.3 37.4 56.2#



#44

Trichloroethene

Concen: 83.300 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027572.D

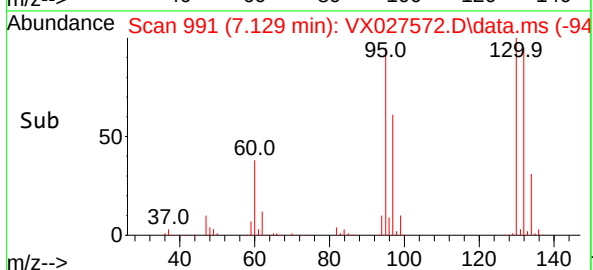
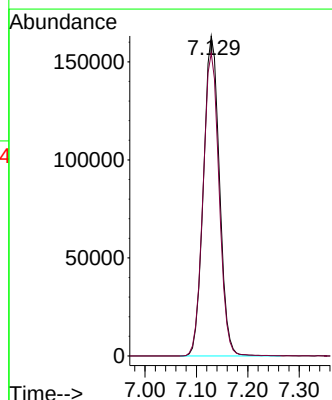
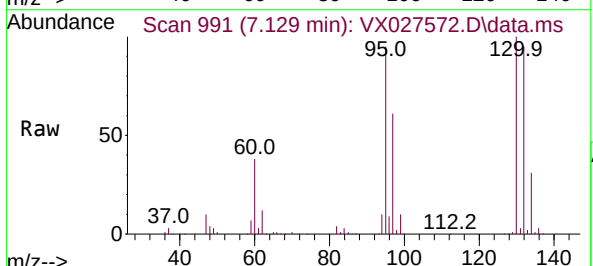
Acq: 19 Mar 2022 19:54

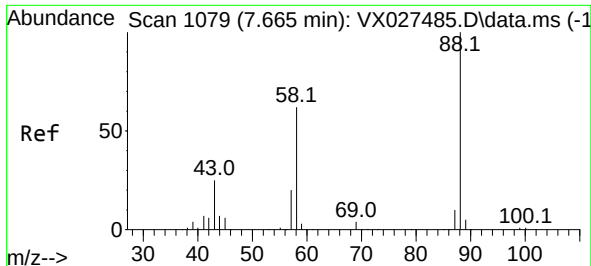
Tgt Ion:130 Resp: 351366

Ion Ratio Lower Upper

130 100

95 94.6 0.0 188.8





#49

1,4-Dioxane

Concen: 14.707 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX027572.D

Acq: 19 Mar 2022 19:54

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20220315

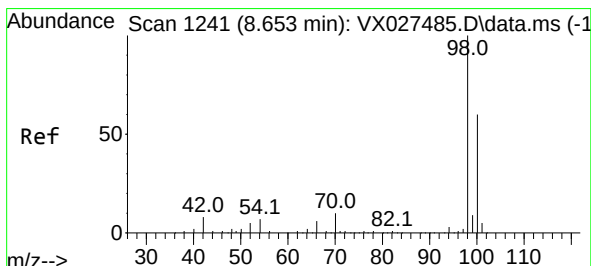
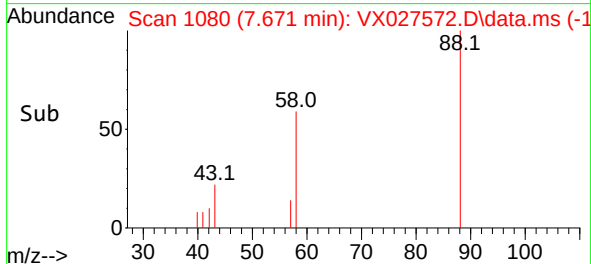
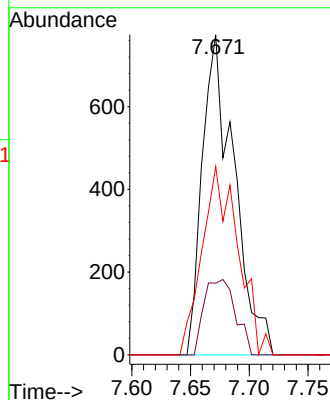
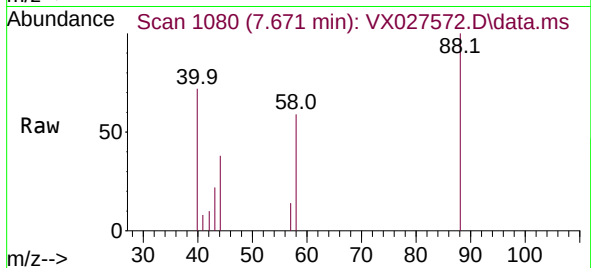
Tgt Ion: 88 Resp: 1452

Ion Ratio Lower Upper

88 100

43 23.3 21.9 32.9

58 66.9 53.7 80.5



#50

Toluene-d8

Concen: 48.185 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027572.D

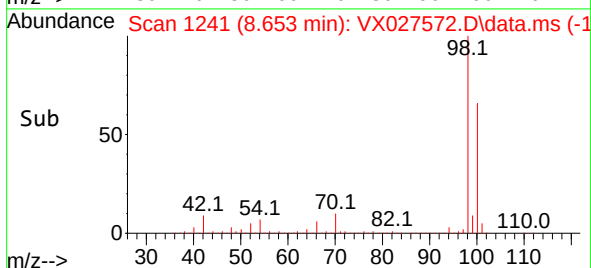
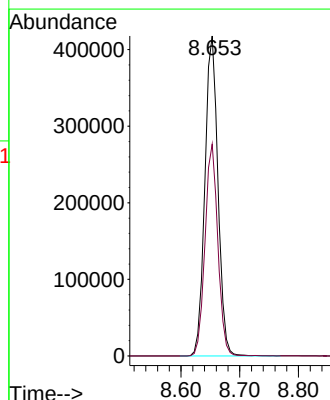
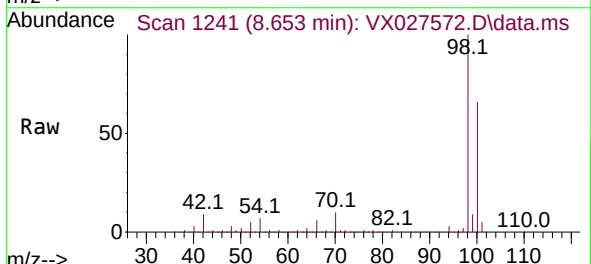
Acq: 19 Mar 2022 19:54

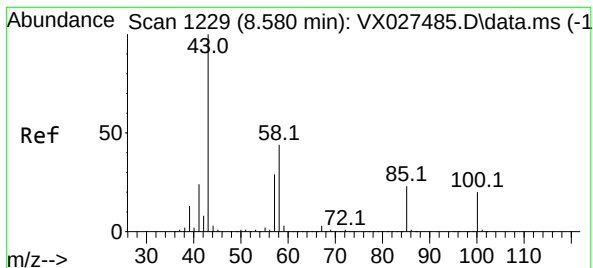
Tgt Ion: 98 Resp: 646235

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

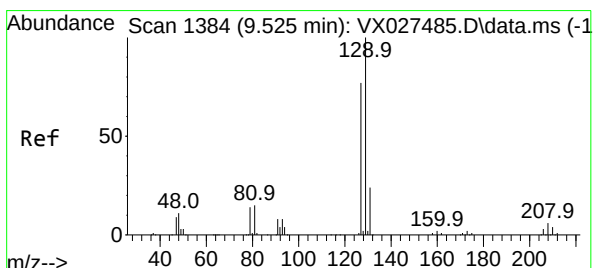
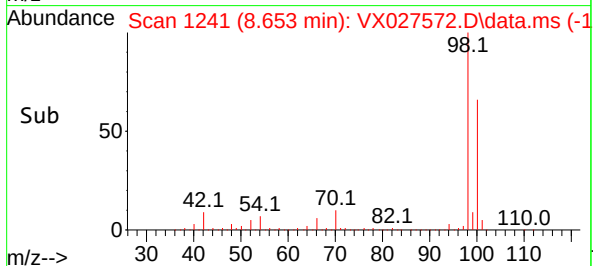
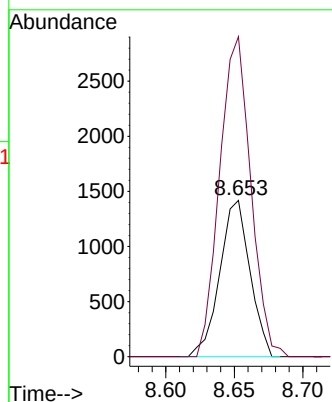
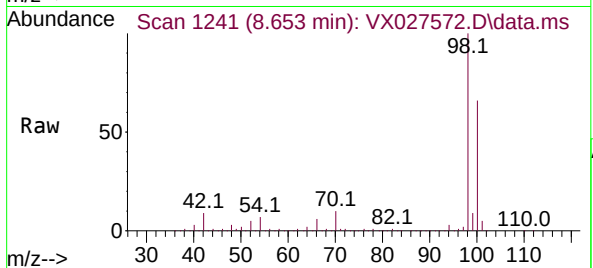




#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

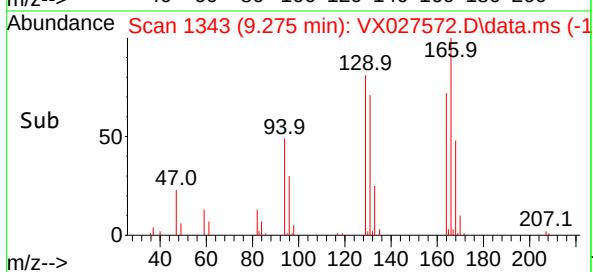
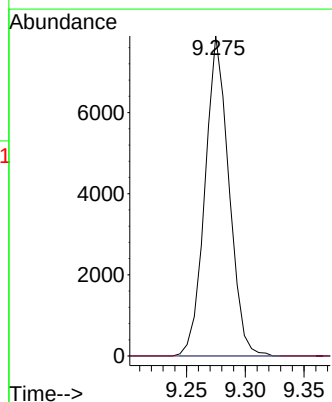
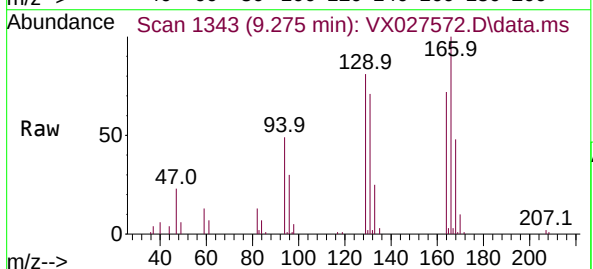
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220315

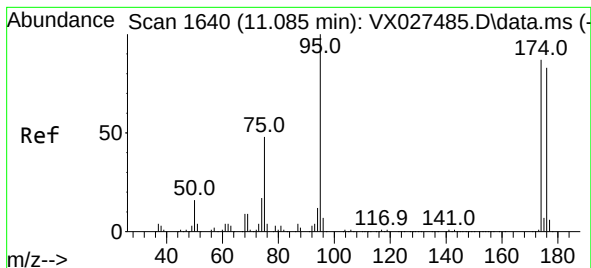
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 210.8 36.1 54.1#



#60
Dibromochloromethane
Concen: 2.667 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 129 Resp: 11132
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

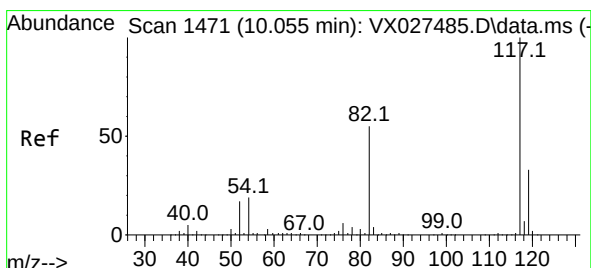
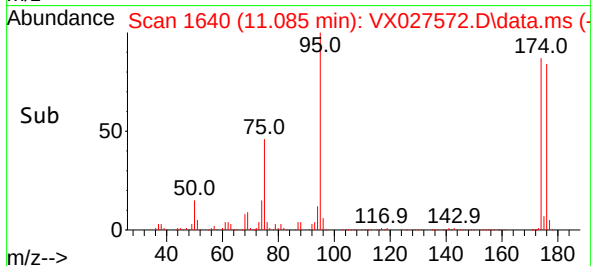
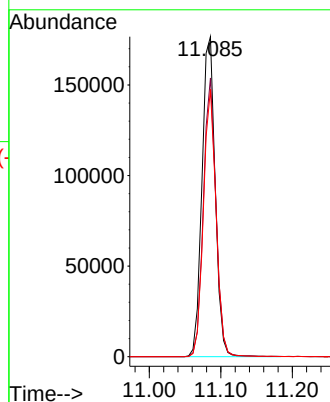
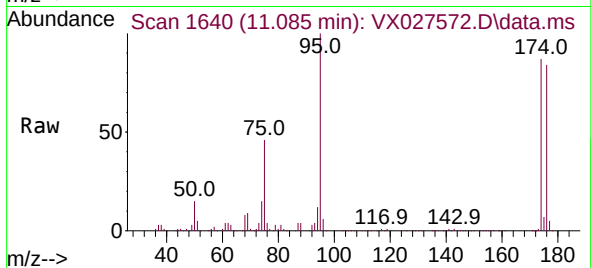




#62
4-Bromofluorobenzene
Concen: 45.943 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

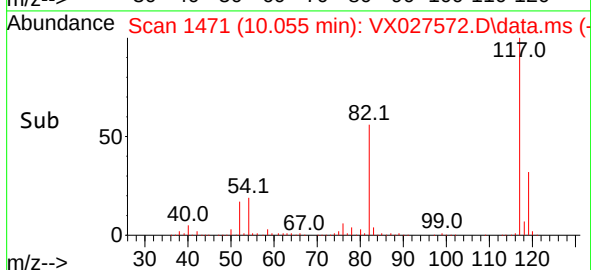
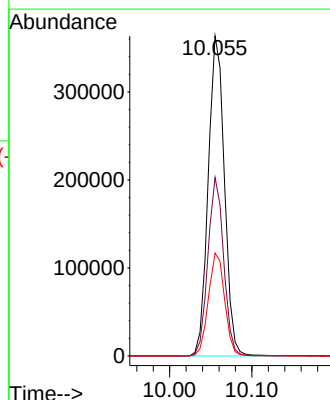
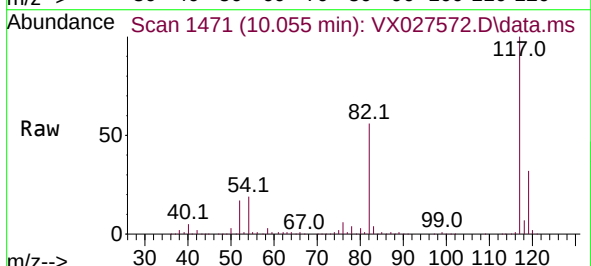
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220315

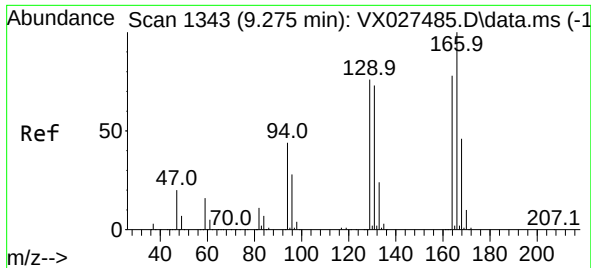
Tgt Ion: 95 Resp: 226474
Ion Ratio Lower Upper
95 100
174 83.2 0.0 163.0
176 80.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 117 Resp: 497866
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.1 24.8 37.2

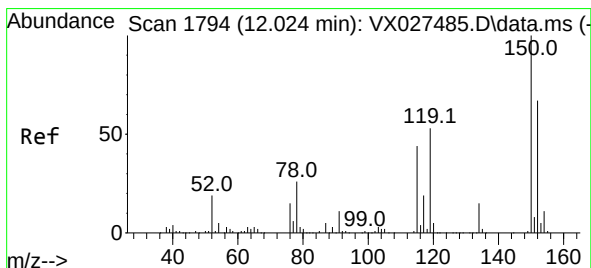
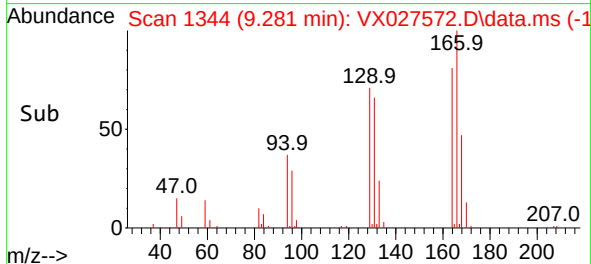
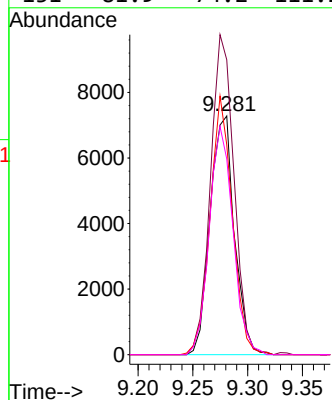
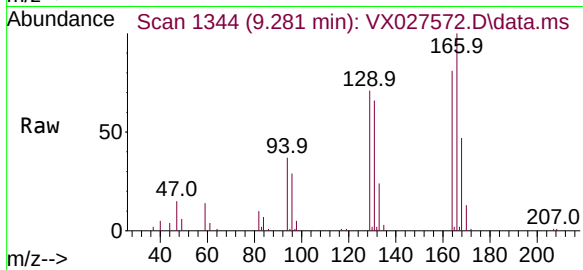




#64
Tetrachloroethene
Concen: 2.906 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

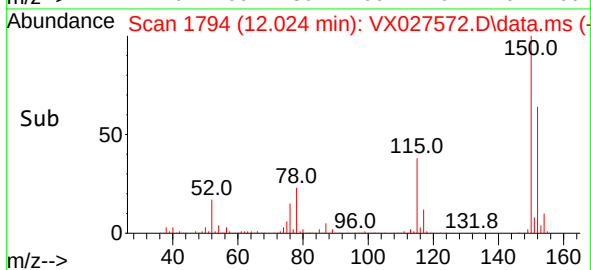
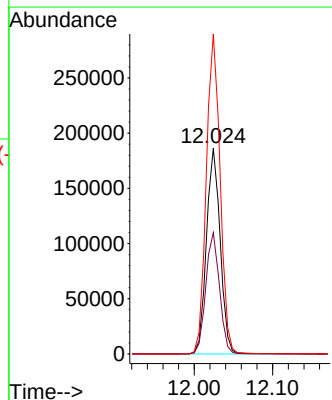
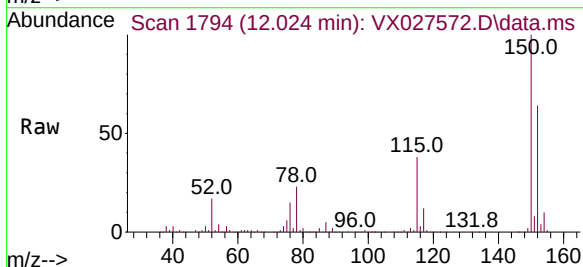
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220315

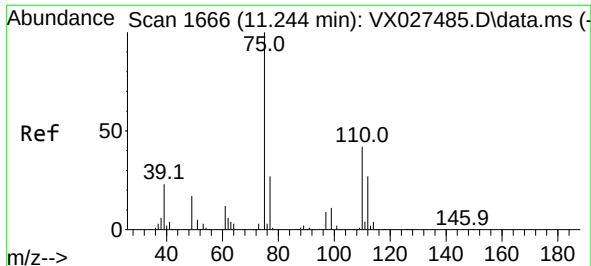
Tgt Ion:164 Resp: 11248
Ion Ratio Lower Upper
164 100
166 123.5 101.2 151.8
129 87.9 73.0 109.4
131 81.9 74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion:152 Resp: 225993
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 156.7 0.0 338.2

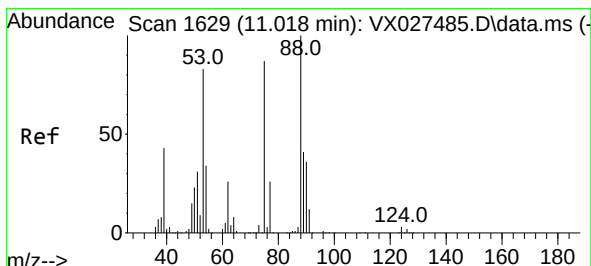
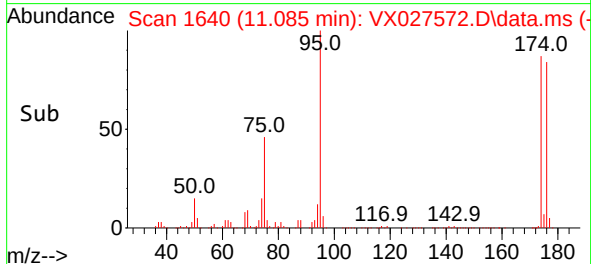
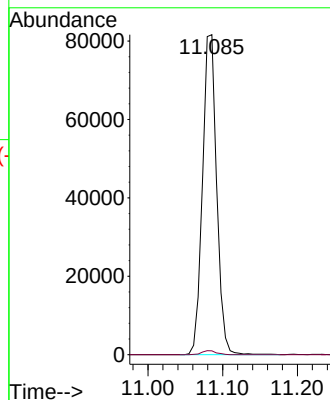
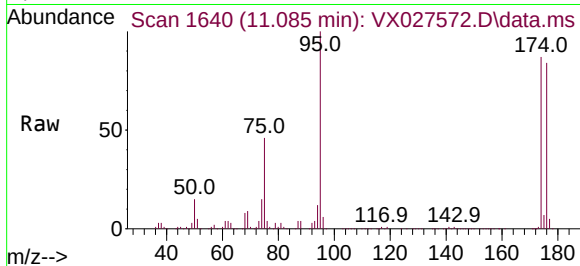




#76
1,2,3-Trichloropropane
Concen: 22.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220315

Tgt Ion: 75 Resp: 107646
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.161 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027572.D
Acq: 19 Mar 2022 19:54

Tgt Ion: 75 Resp: 107646
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

