

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032964.D
 Acq On : 21 Nov 2022 19:46
 Operator : JC/MD
 Sample : N5671-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115

Quant Time: Nov 22 05:13:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

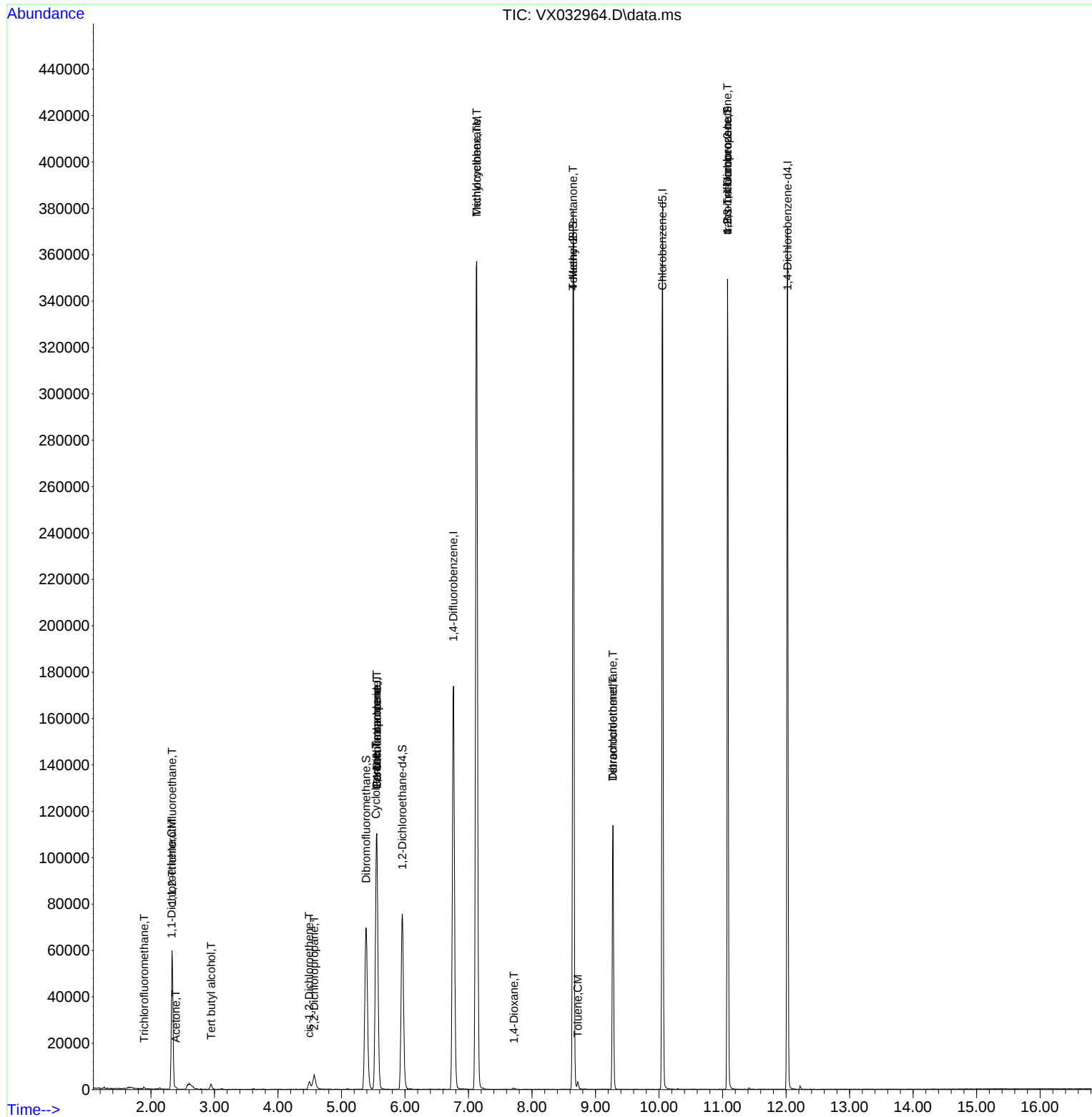
Internal Standards						
1) Pentafluorobenzene	5.556	168	103495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76132	52.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.385	113	60895	48.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	225723	51.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	86485	50.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.892	101	537	0.255	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	21875	19.688	ug/l	99
11) Tert butyl alcohol	2.947	59	1214	5.800	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	465	0.448	ug/l	94
16) Acetone	2.392	43	677	1.295	ug/l	94
26) 2,2-Dichloropropane	4.568	77	395	0.241	ug/l #	53
27) cis-1,2-Dichloroethene	4.489	96	2091	1.601	ug/l	97
31) Cyclohexane	5.544	56	2194	1.258	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	7850	4.457	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10672	5.463	ug/l #	15
39) Methylcyclohexane	7.129	83	1675	0.804	ug/l #	1
44) Trichloroethene	7.129	130	139447	99.392	ug/l	98
49) 1,4-Dioxane	7.714	88	467	16.857	ug/l #	82
51) 4-Methyl-2-Pentanone	8.647	43	1030	0.581	ug/l #	1
52) Toluene	8.720	92	1258	0.387	ug/l	94
60) Dibromochloromethane	9.275	129	20392	13.633	ug/l #	11
64) Tetrachloroethene	9.275	164	20677	17.153	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	47046	27.526	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47046	87.588	ug/l #	6

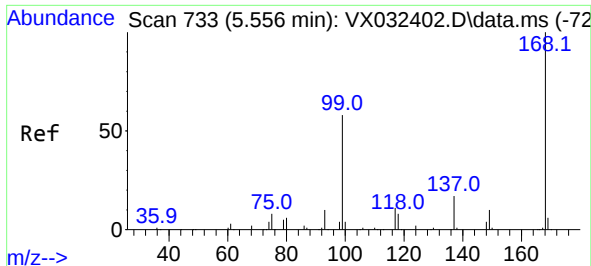
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
DUP04-20221115

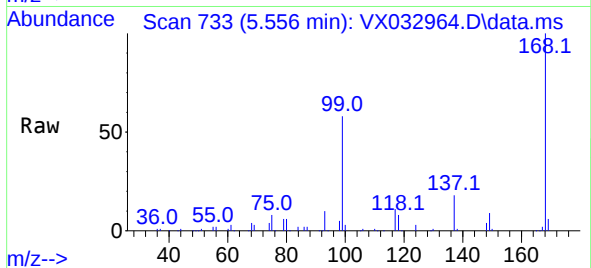
Quant Time: Nov 22 05:13:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



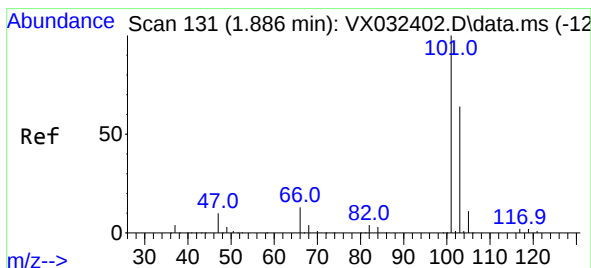
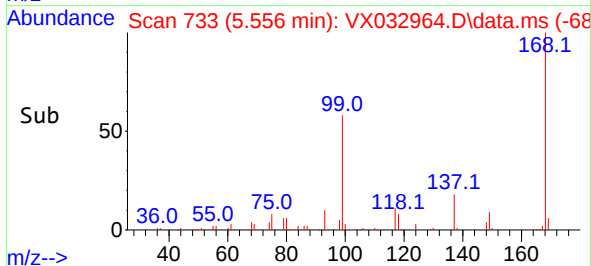
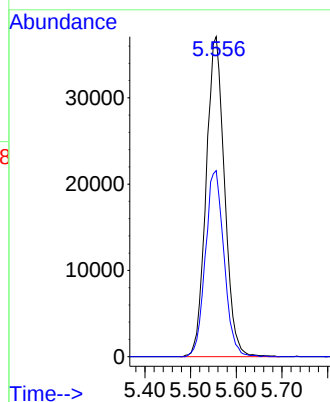


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

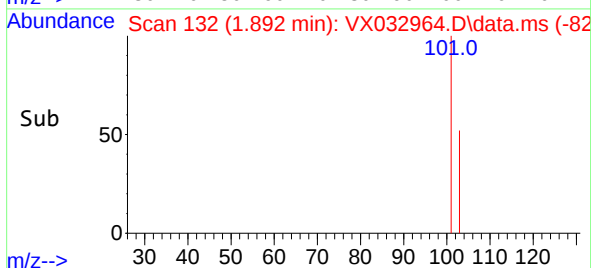
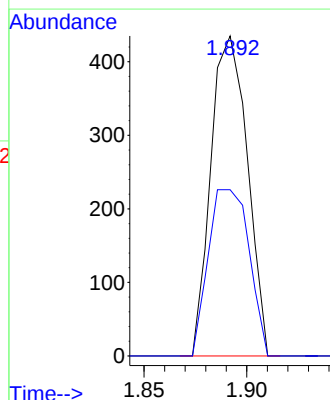
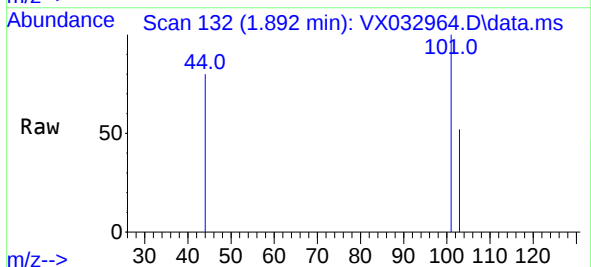


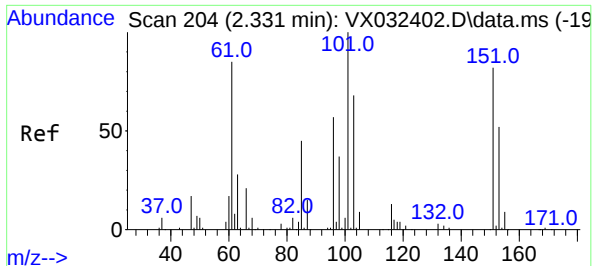
Tgt Ion:168 Resp: 103495
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#7
Trichlorofluoromethane
Concen: 0.255 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:101 Resp: 537
Ion Ratio Lower Upper
101 100
103 52.0 51.4 77.2

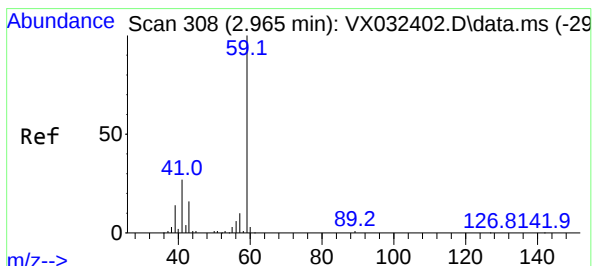
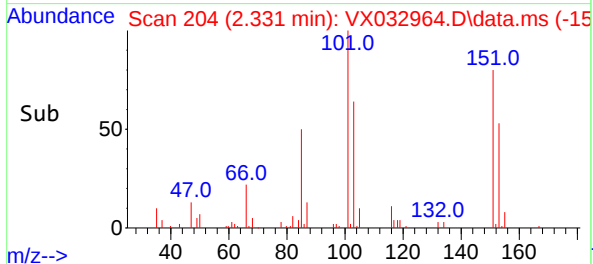
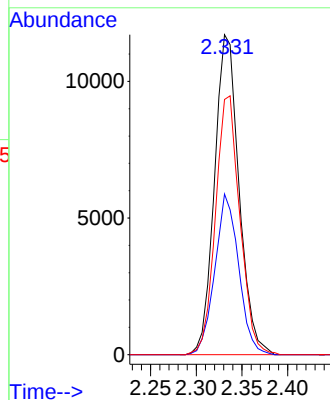
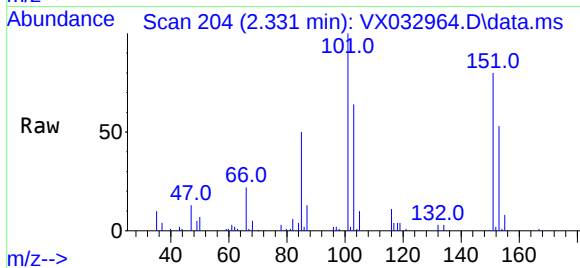




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.688 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

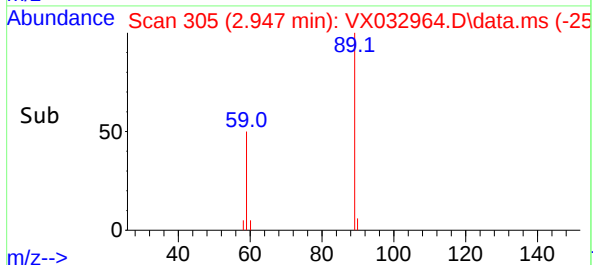
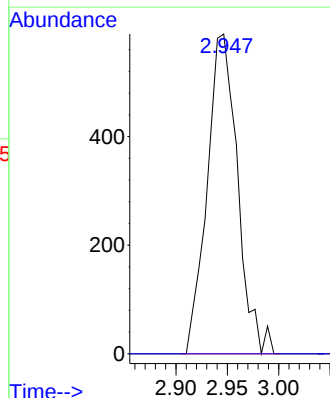
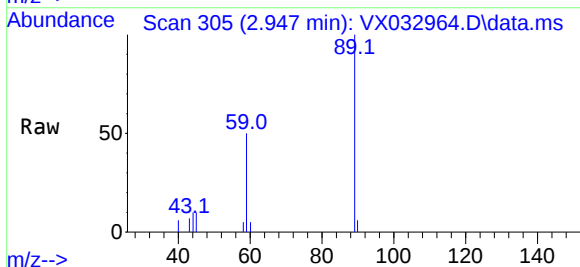
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

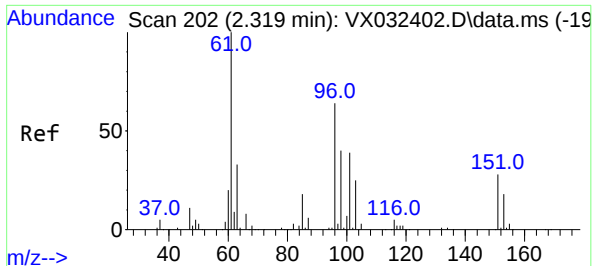
Tgt Ion:101 Resp: 21875
Ion Ratio Lower Upper
101 100
85 48.7 37.0 55.4
151 80.4 64.4 96.6



#11
Tert butyl alcohol
Concen: 5.800 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 59 Resp: 1214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

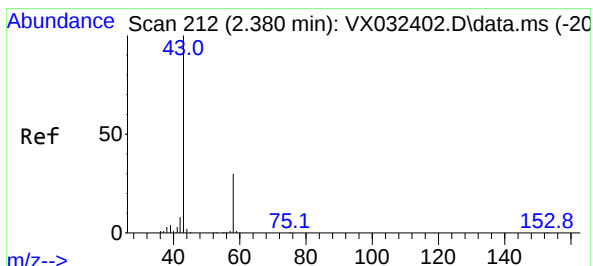
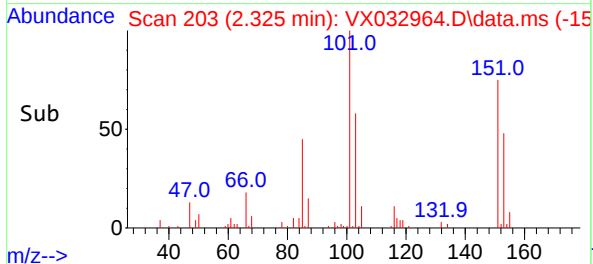
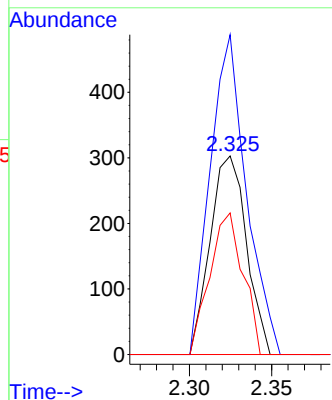
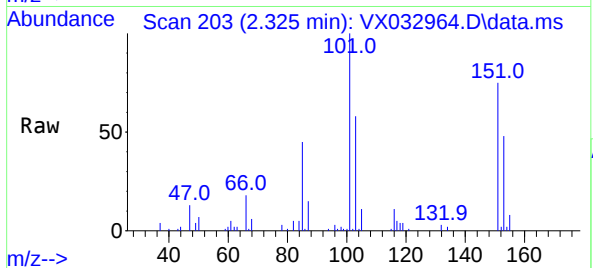




#12
1,1-Dichloroethene
Concen: 0.448 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

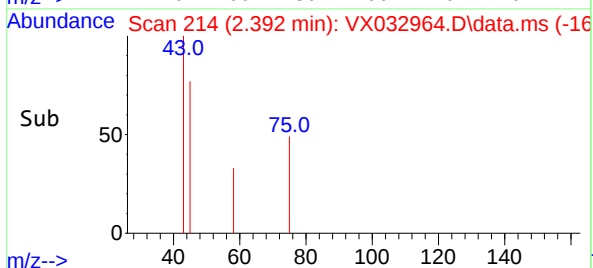
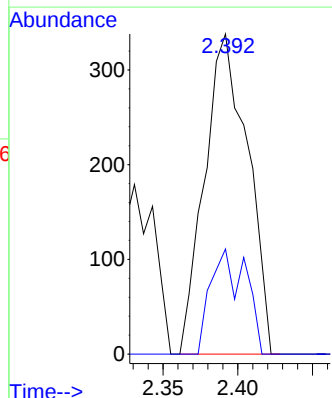
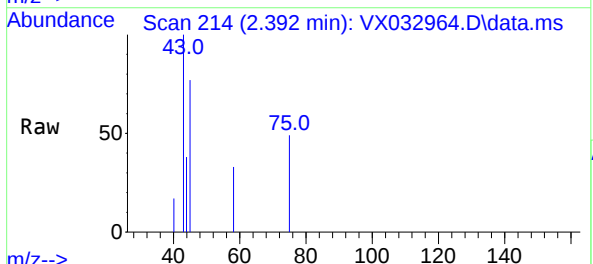
Instrument :
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ClientSampleId :
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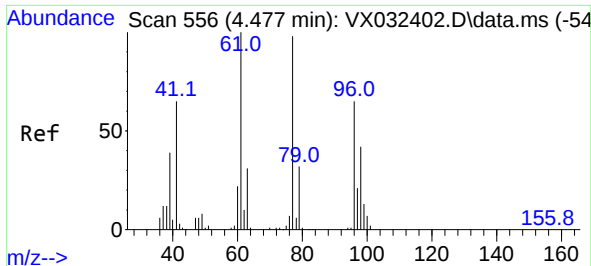
Tgt Ion: 96 Resp: 465
Ion Ratio Lower Upper
96 100
61 161.1 125.1 187.7
98 71.3 50.6 76.0



#16
Acetone
Concen: 1.295 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 32.8 23.8 35.8

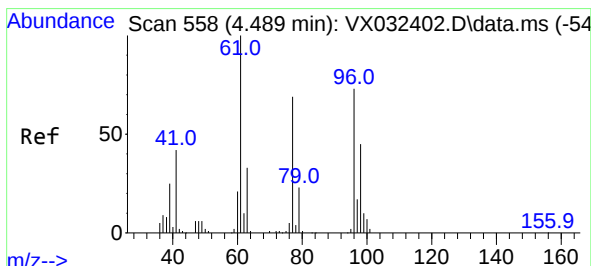
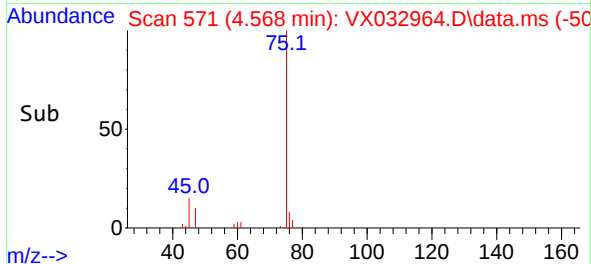
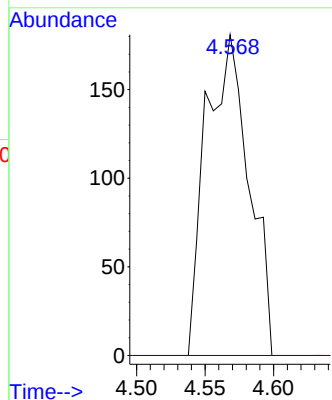
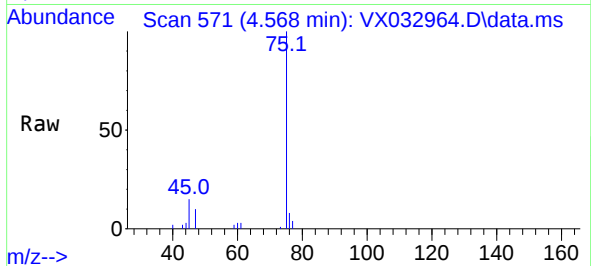




#26
2,2-Dichloropropane
Concen: 0.241 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

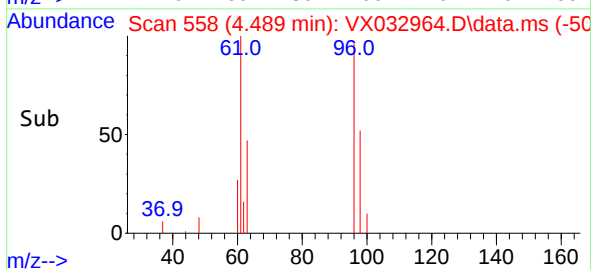
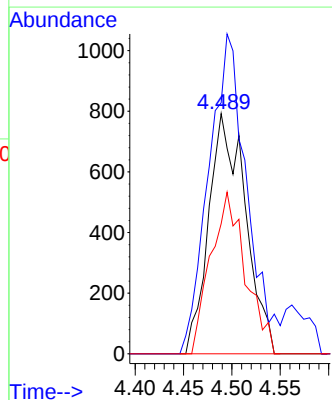
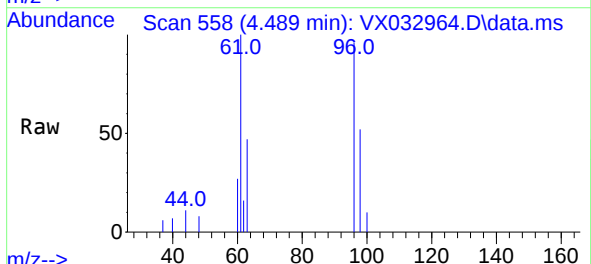
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

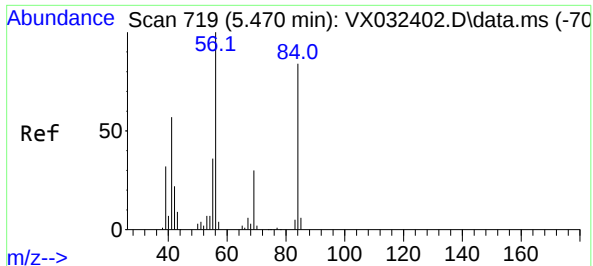
Tgt Ion: 77 Resp: 395
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#27
cis-1,2-Dichloroethene
Concen: 1.601 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

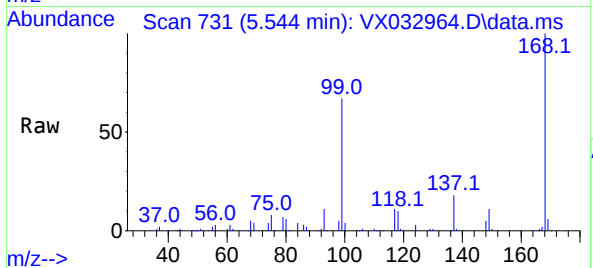
Tgt Ion: 96 Resp: 2091
Ion Ratio Lower Upper
96 100
61 138.2 0.0 286.0
98 63.7 0.0 129.6



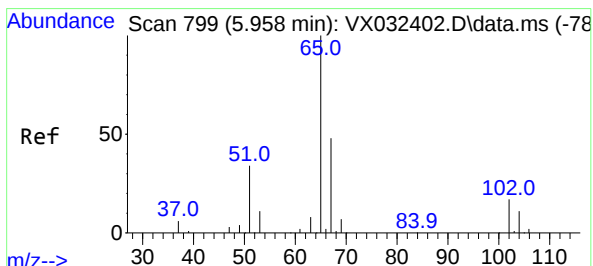
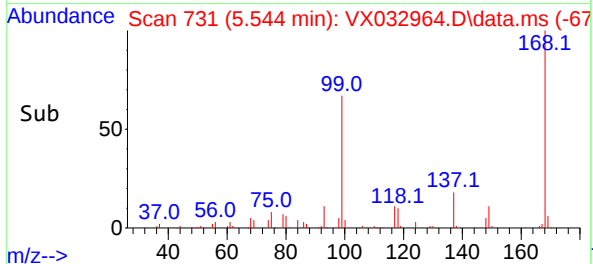
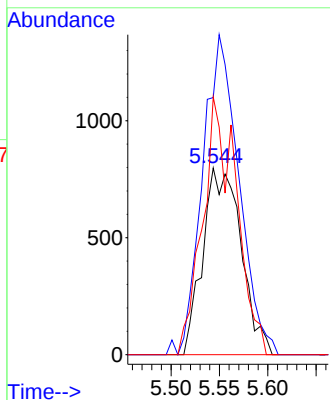


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

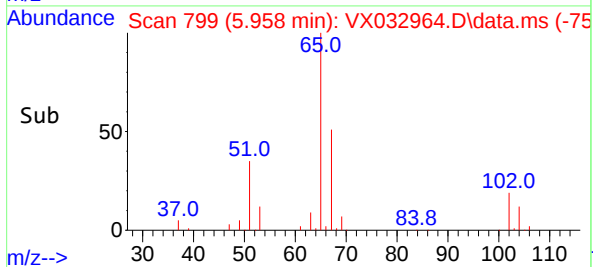
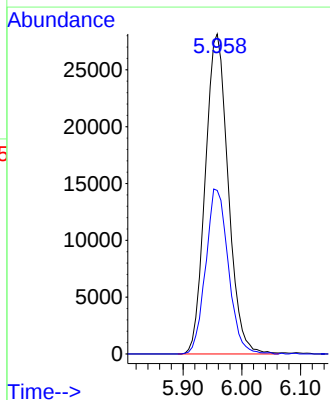
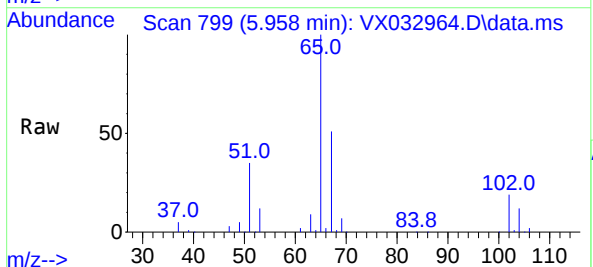


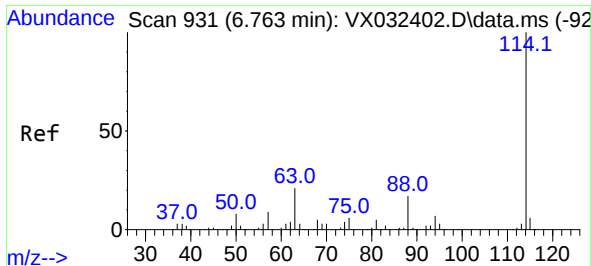
Tgt Ion: 56 Resp: 2194
Ion Ratio Lower Upper
56 100
69 137.7 24.1 36.1#
84 138.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.942 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 65 Resp: 76132
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

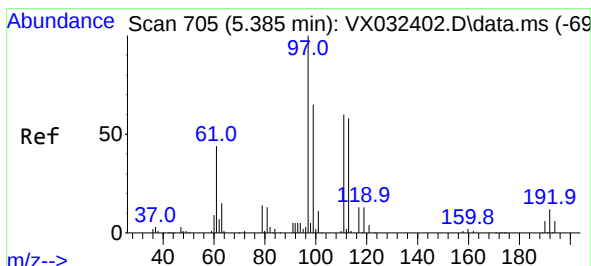
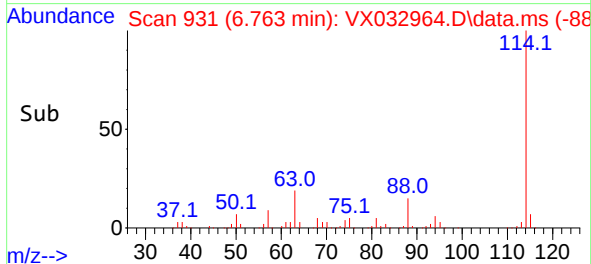
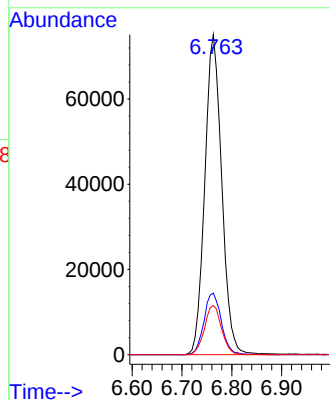
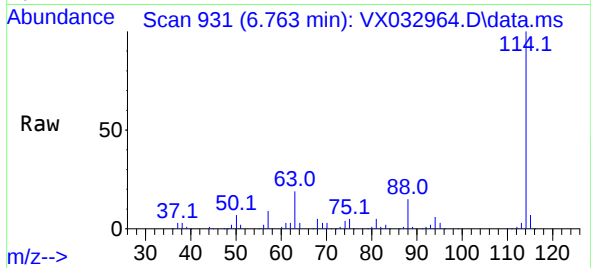




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

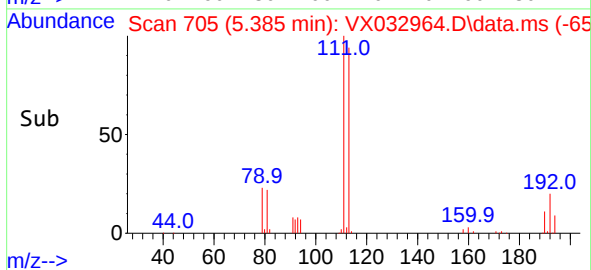
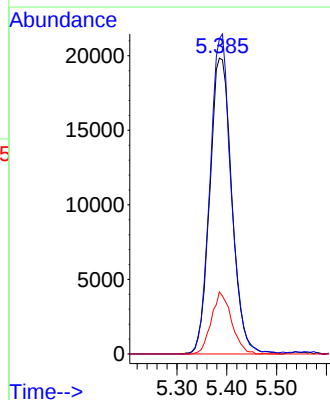
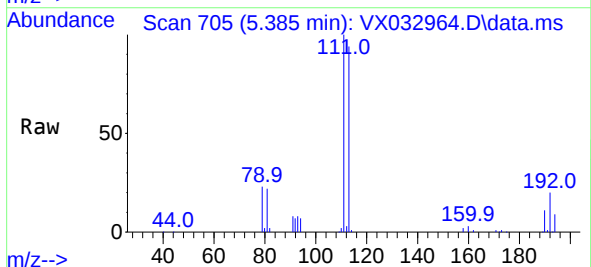
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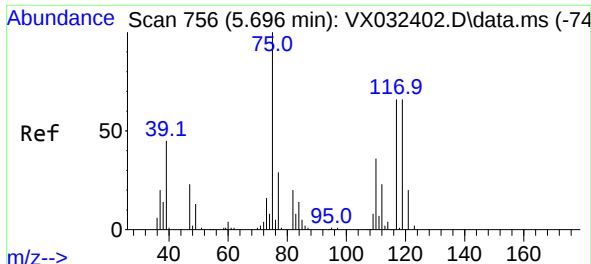
Tgt Ion:114 Resp: 177304
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.149 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:113 Resp: 60895
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.4 23.2

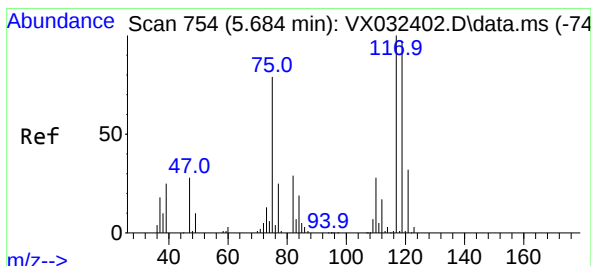
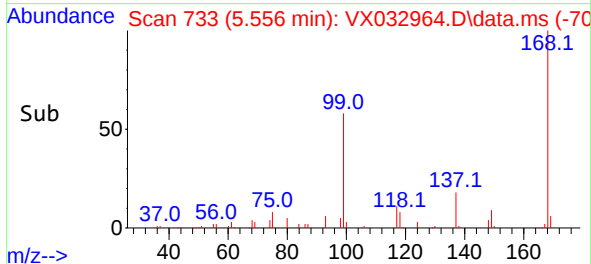
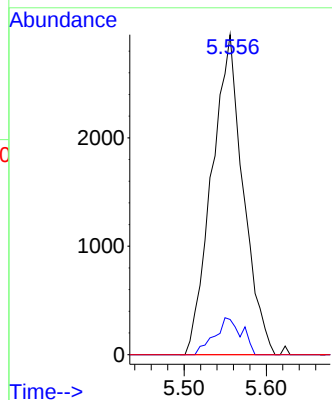
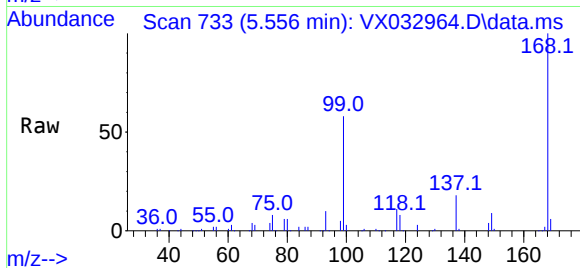




#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

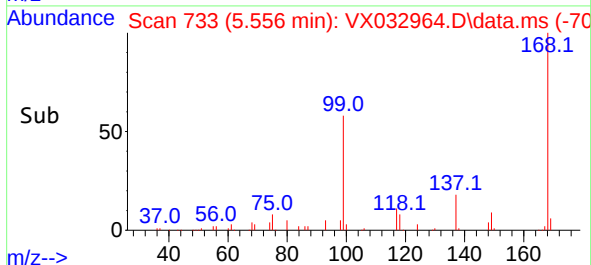
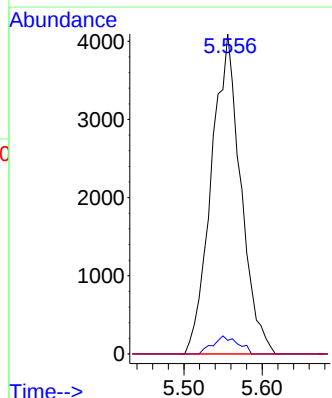
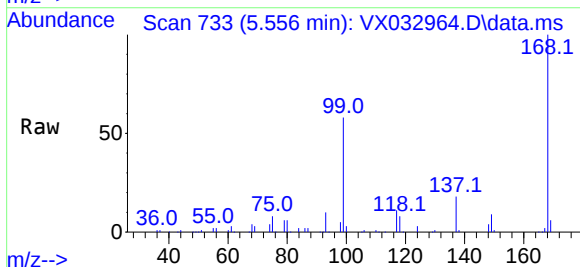
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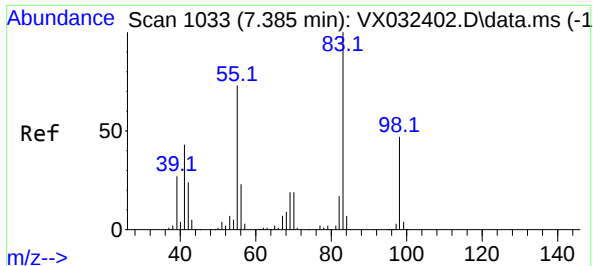
Tgt Ion: 75 Resp: 7850
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.463 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 117 Resp: 10672
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#

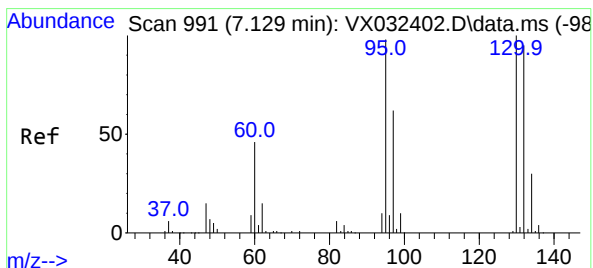
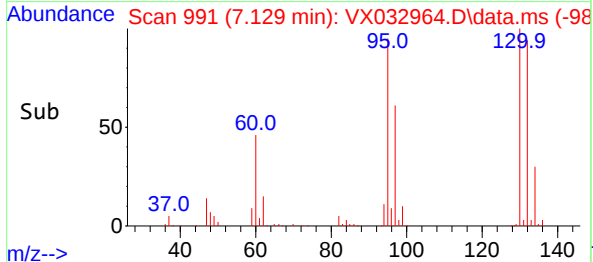
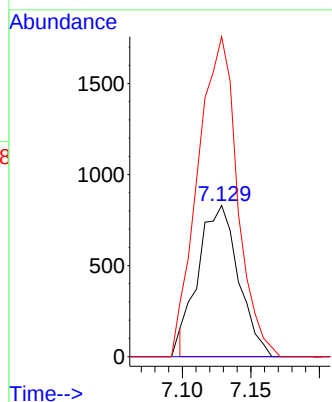
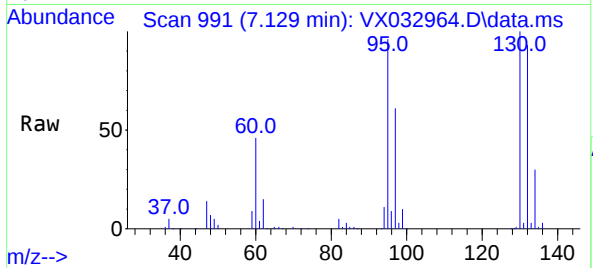




#39
Methylcyclohexane
Concen: 0.804 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

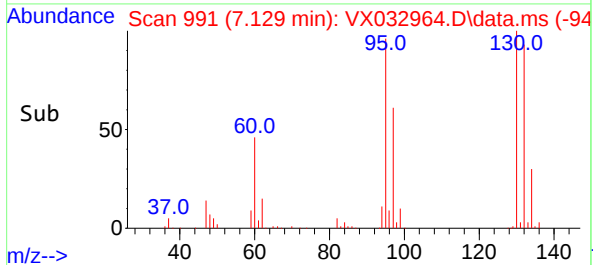
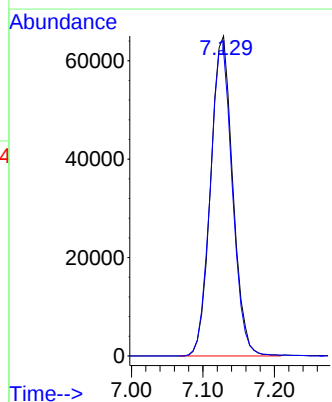
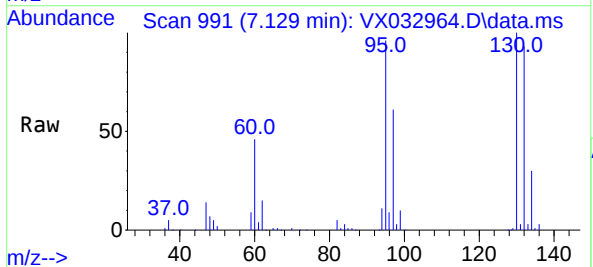
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

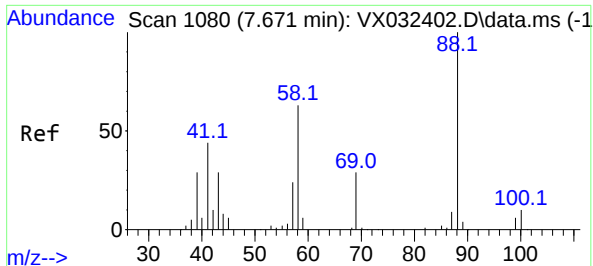
Tgt Ion: 83 Resp: 1675
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 211.7 37.2 55.8#



#44
Trichloroethene
Concen: 99.392 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:130 Resp: 139447
Ion Ratio Lower Upper
130 100
95 95.5 0.0 195.2





#49

1,4-Dioxane

Concen: 16.857 ug/l

RT: 7.714 min Scan# 1080

Delta R.T. 0.043 min

Lab File: VX032964.D

Acq: 21 Nov 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20221115

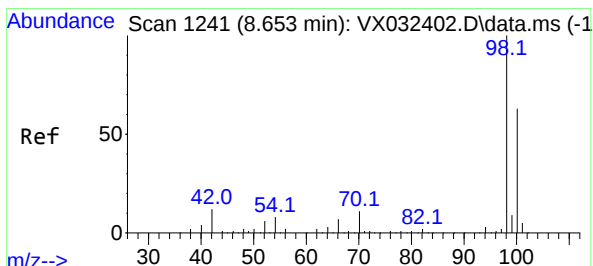
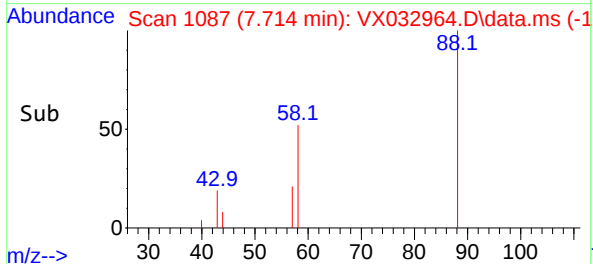
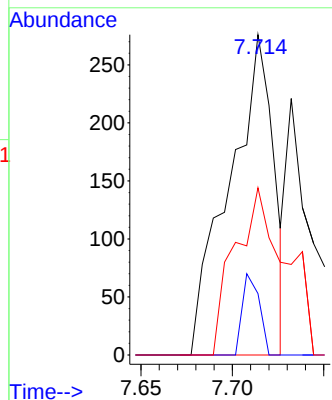
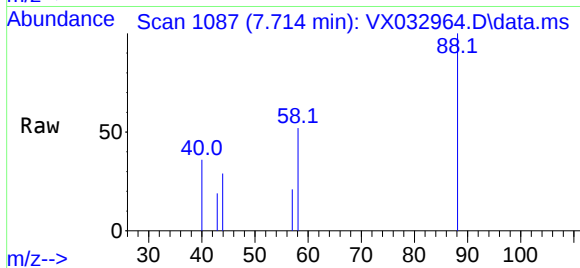
Tgt Ion: 88 Resp: 467

Ion Ratio Lower Upper

88 100

43 9.6 26.6 39.8#

58 59.7 51.7 77.5



#50

Toluene-d8

Concen: 51.327 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032964.D

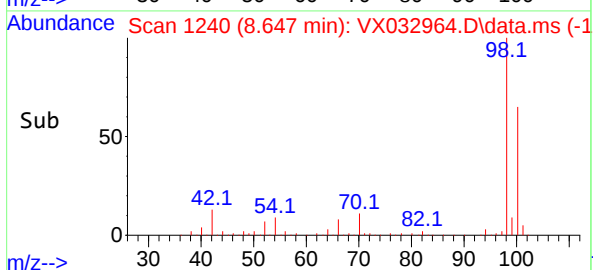
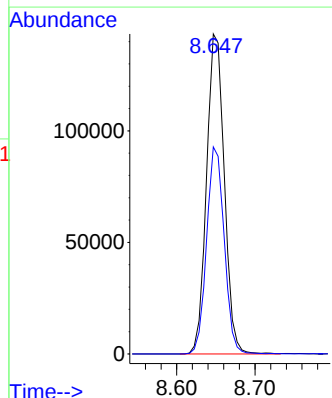
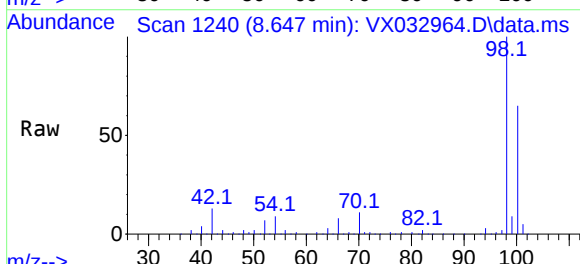
Acq: 21 Nov 2022 19:46

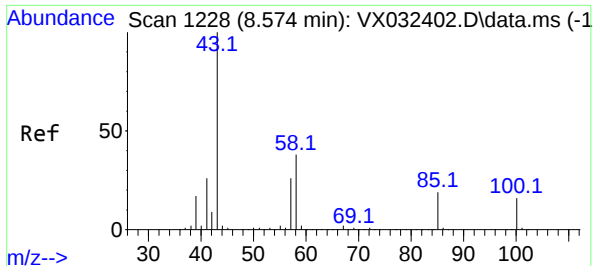
Tgt Ion: 98 Resp: 225723

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032964.D

Acq: 21 Nov 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

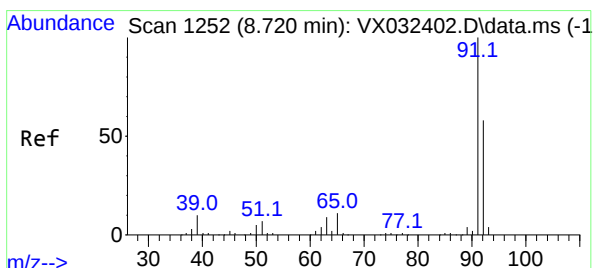
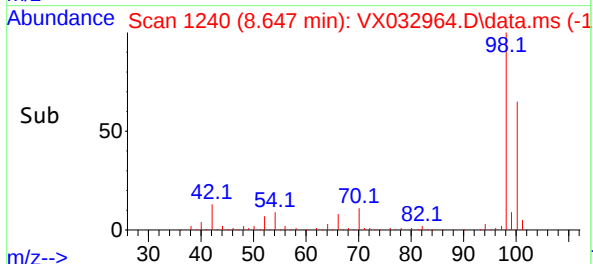
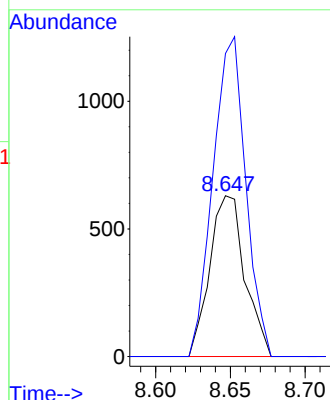
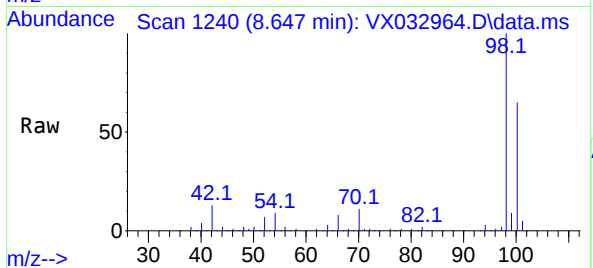
DUP04-20221115

Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

58 185.3 30.9 46.3#



#52

Toluene

Concen: 0.387 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032964.D

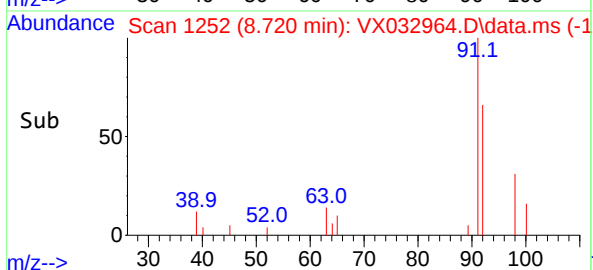
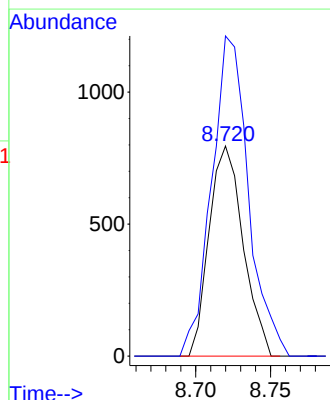
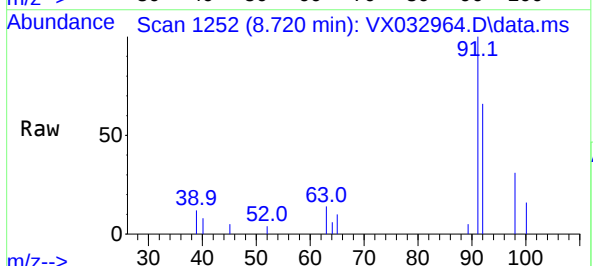
Acq: 21 Nov 2022 19:46

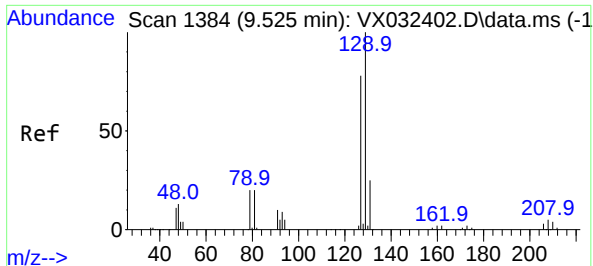
Tgt Ion: 92 Resp: 1258

Ion Ratio Lower Upper

92 100

91 165.1 138.3 207.5

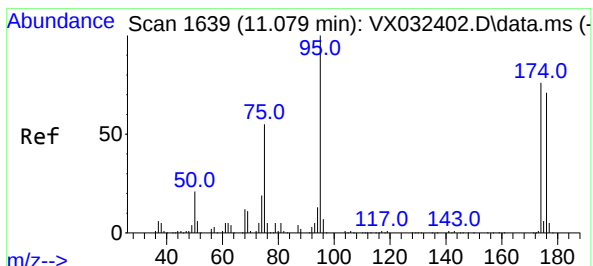
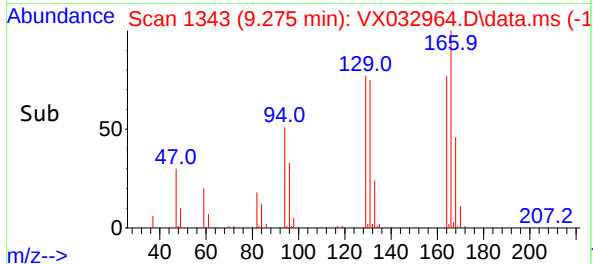
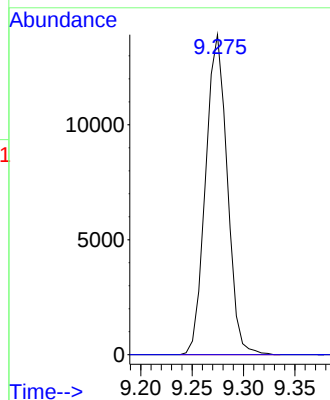
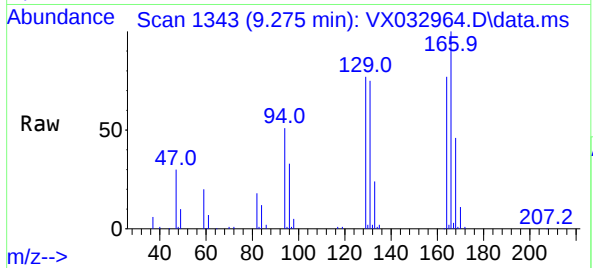




#60
Dibromochloromethane
Concen: 13.633 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

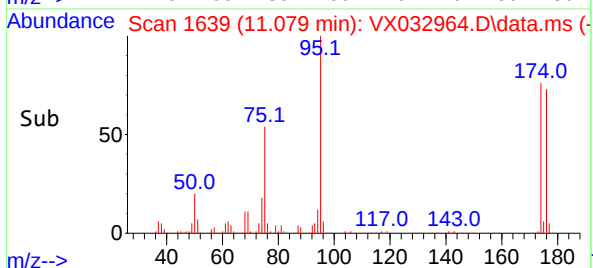
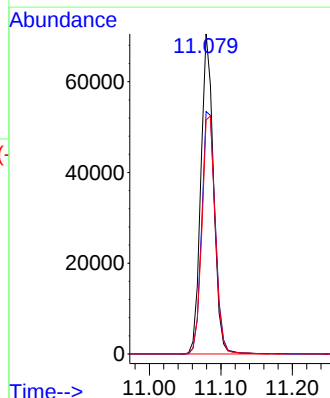
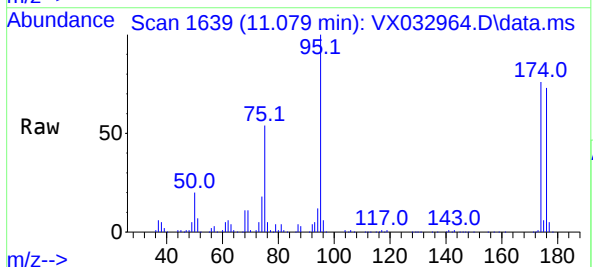
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

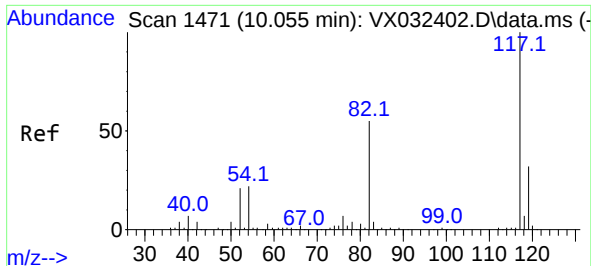
Tgt Ion:129 Resp: 20392
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion: 95 Resp: 86485
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.7 0.0 154.4

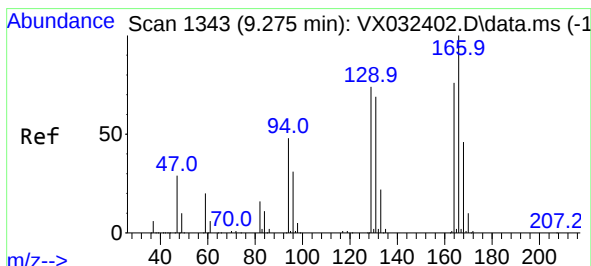
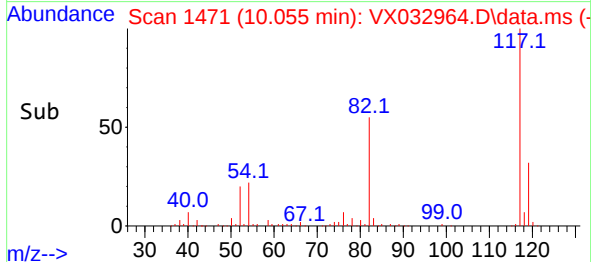
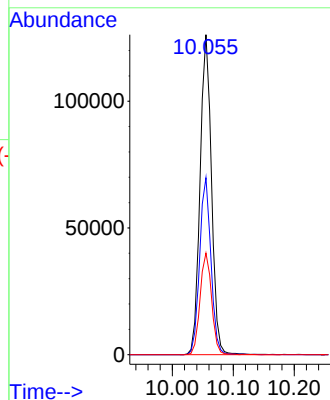
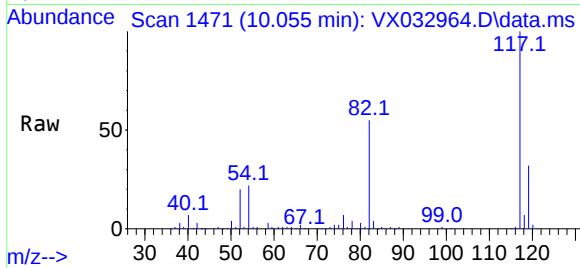




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

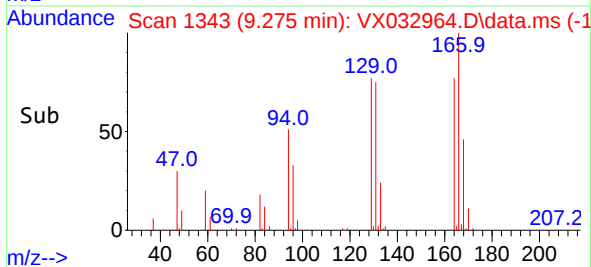
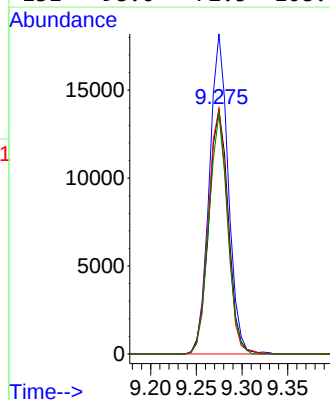
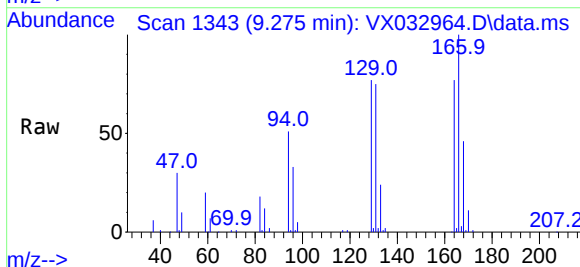
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

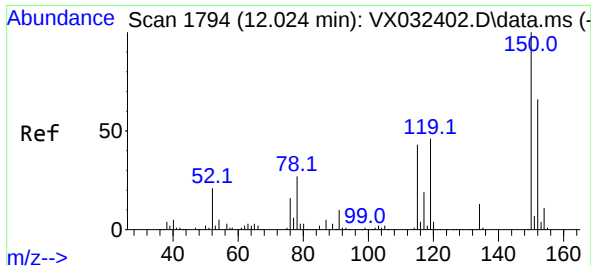
Tgt Ion:117 Resp: 164691
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 17.153 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

Tgt Ion:164 Resp: 20677
Ion Ratio Lower Upper
164 100
166 130.7 105.4 158.2
129 100.0 78.2 117.2
131 98.0 72.5 108.7

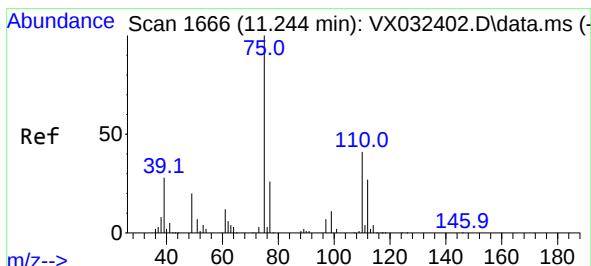
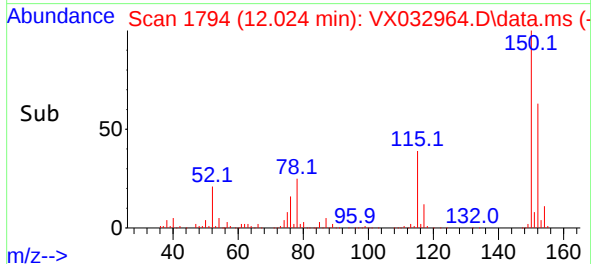
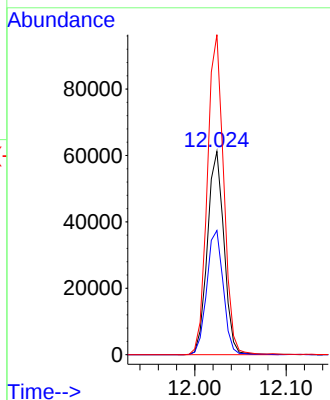
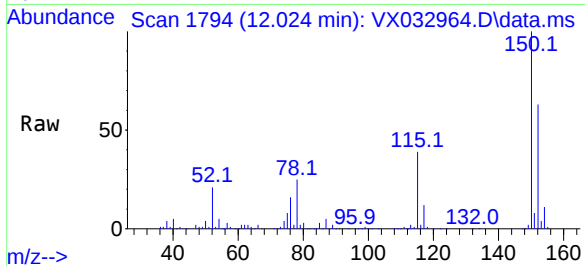




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

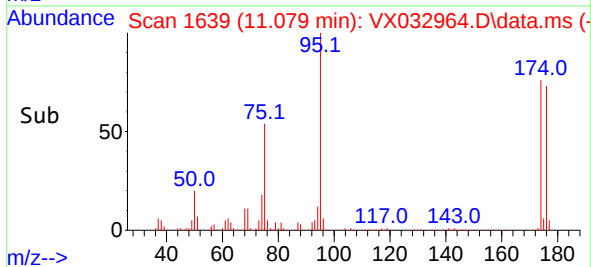
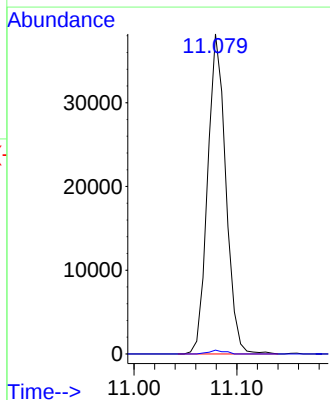
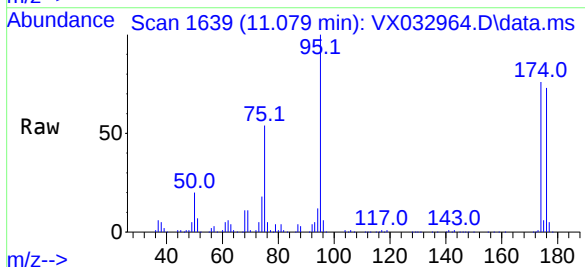
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115

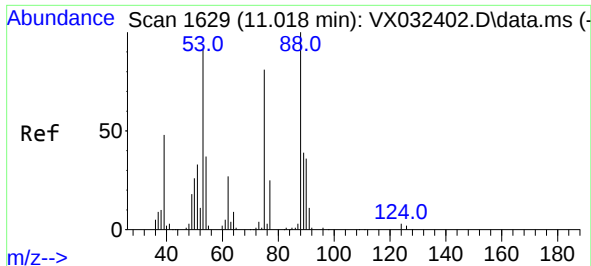
Tgt Ion:152 Resp: 76824
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 155.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032964.D
Acq: 21 Nov 2022 19:46

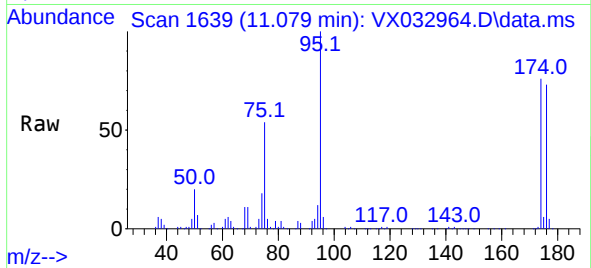
Tgt Ion: 75 Resp: 47046
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.588 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032964.D
 Acq: 21 Nov 2022 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115



Tgt Ion: 75 Resp: 47046
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

