

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032816.D
 Acq On : 15 Nov 2022 12:44
 Operator : JC/MD
 Sample : N5587-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20221109DL

Quant Time: Nov 16 03:33:11 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)

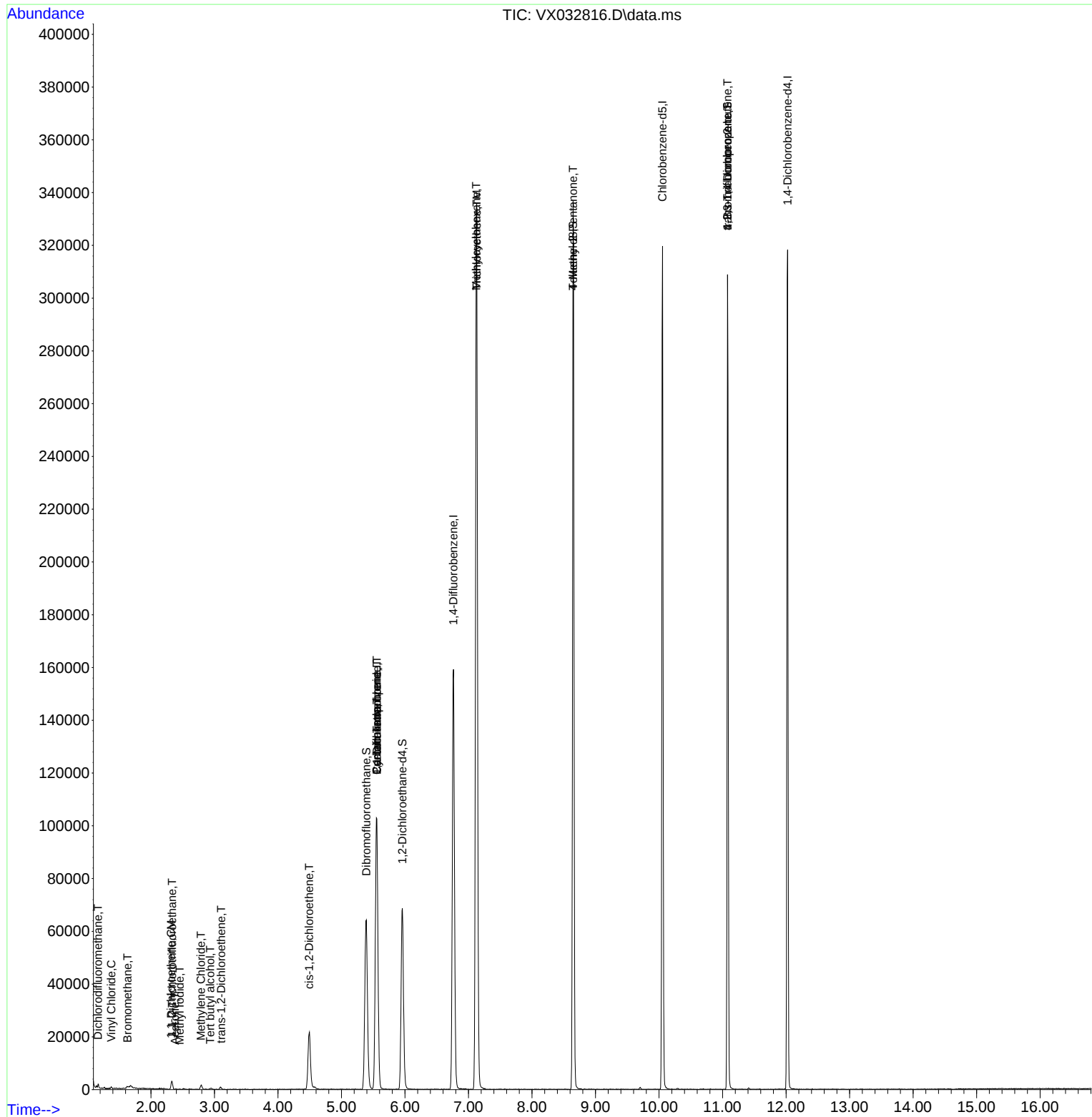
Internal Standards						
1) Pentafluorobenzene	5.556	168	99270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68725	49.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.640%		
35) Dibromofluoromethane	5.391	113	55982	47.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	199221	48.924	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.079	95	76440	48.057	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	970	0.847	ug/l	82
4) Vinyl Chloride	1.374	62	519	0.487	ug/l	98
5) Bromomethane	1.630	94	176	0.207	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	2.331	101	768	0.721	ug/l	95
10) Methyl Iodide	2.453	142	57	1.963	ug/l #	37
11) Tert butyl alcohol	2.934	59	266	1.325	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	596	0.599	ug/l	89
16) Acetone	2.380	43	117	0.233	ug/l #	45
20) Methylene Chloride	2.788	84	824	0.717	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	454	0.419	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	14250	11.377	ug/l	87
31) Cyclohexane	5.556	56	2081	1.244	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	7546	4.627	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10464	5.785	ug/l #	16
39) Methylcyclohexane	7.123	83	1419	0.735	ug/l #	1
44) Trichloroethene	7.129	130	129158	99.422	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	932	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40971	27.596	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40971	87.811	ug/l #	6

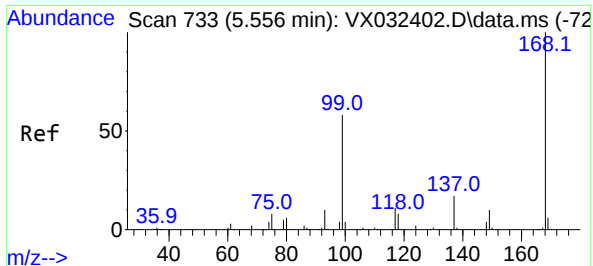
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

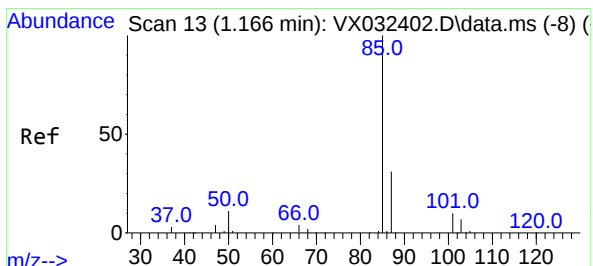
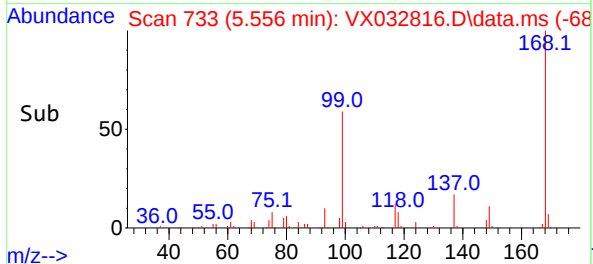
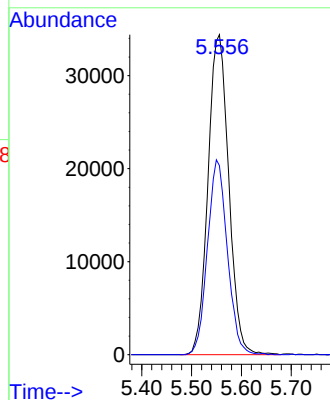
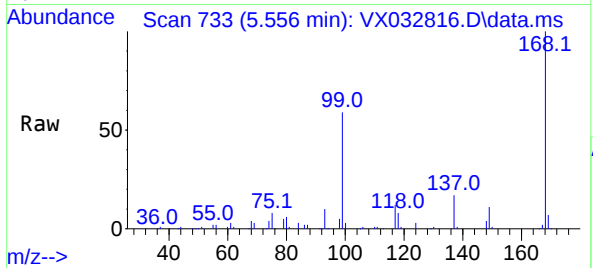




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

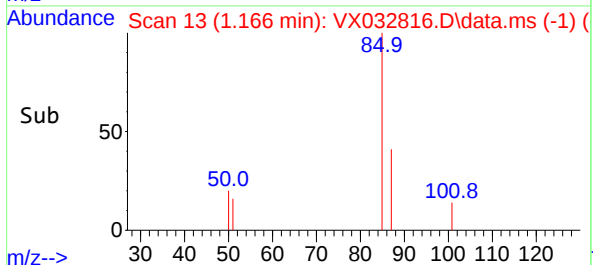
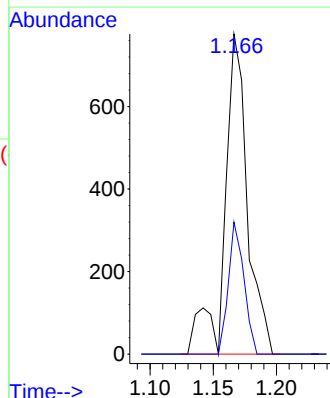
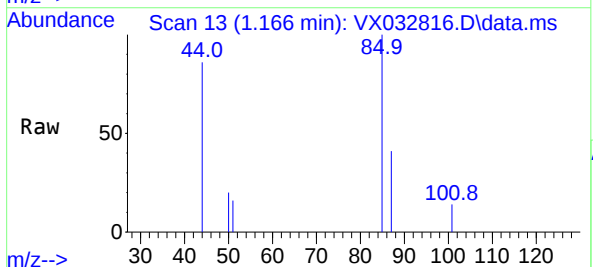
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

Tgt Ion:168 Resp: 99270
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1

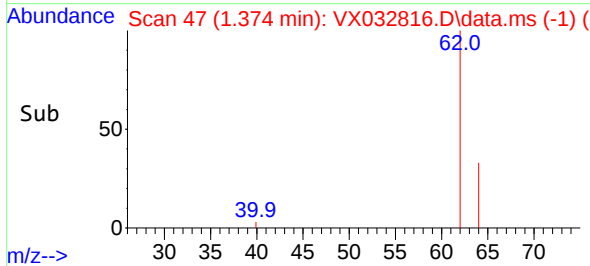
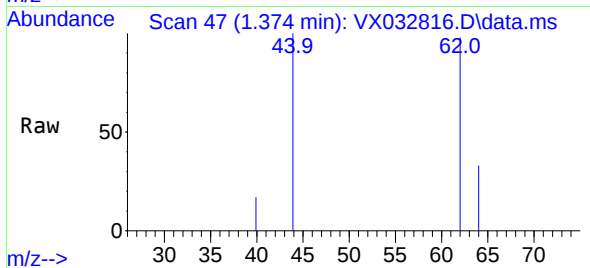
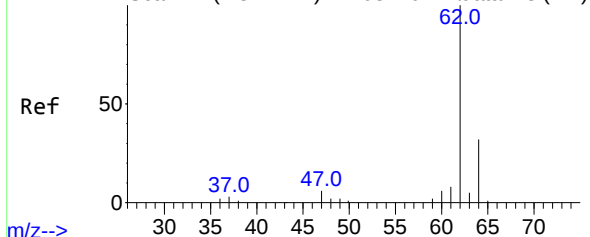


#2
Dichlorodifluoromethane
Concen: 0.847 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 85 Resp: 970
Ion Ratio Lower Upper
85 100
87 41.2 15.6 46.7



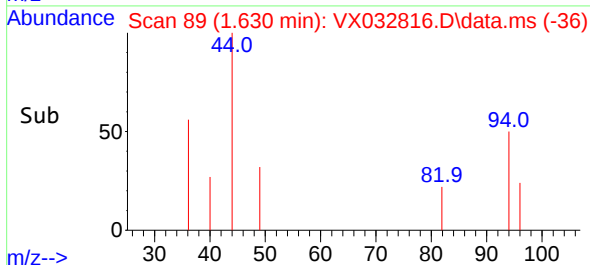
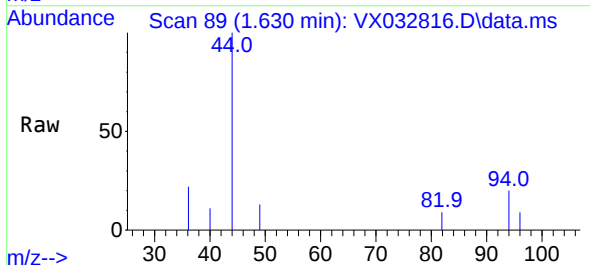
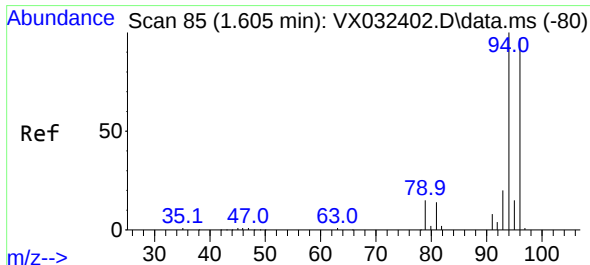
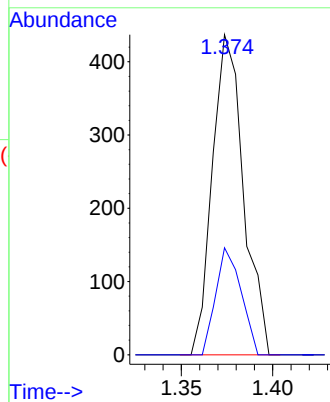
Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 0.487 ug/l
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

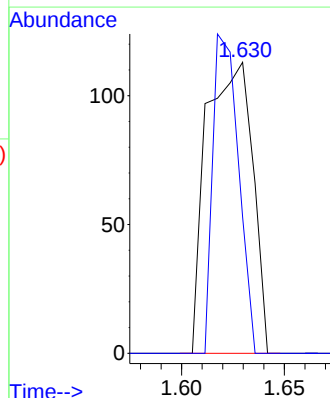
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

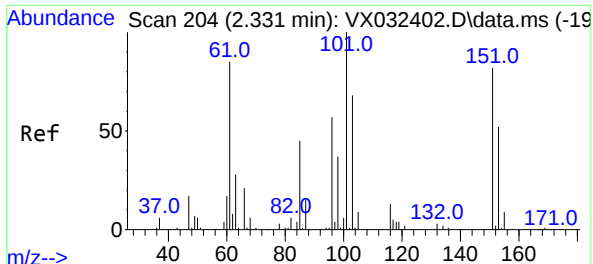
Tgt Ion: 62 Resp: 519
Ion Ratio Lower Upper
62 100
64 33.4 25.8 38.6



#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.024 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 46.9 77.6 116.4#

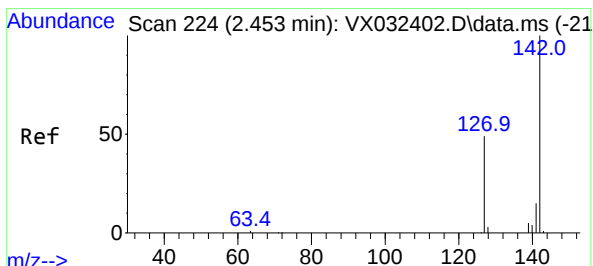
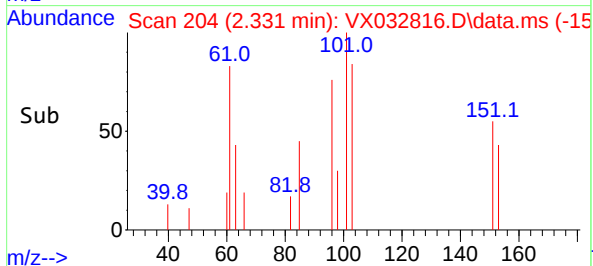
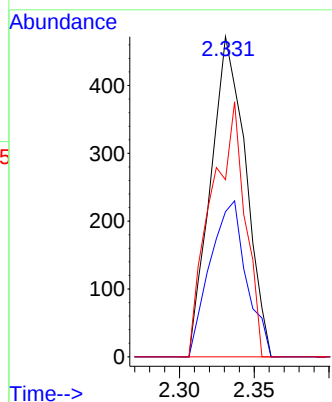
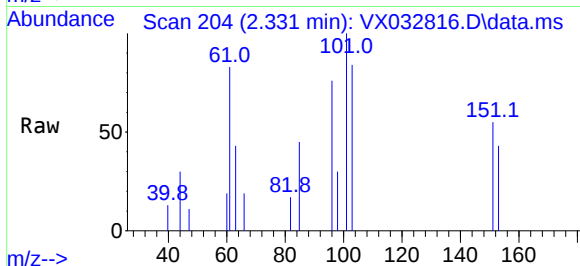




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.721 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

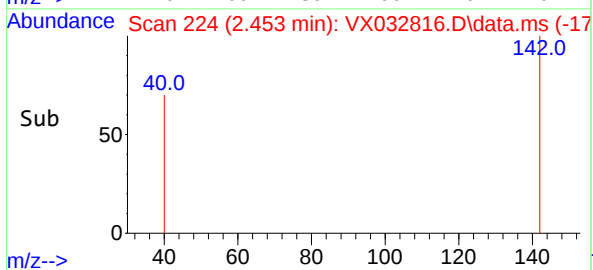
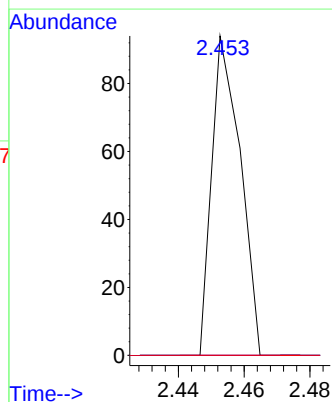
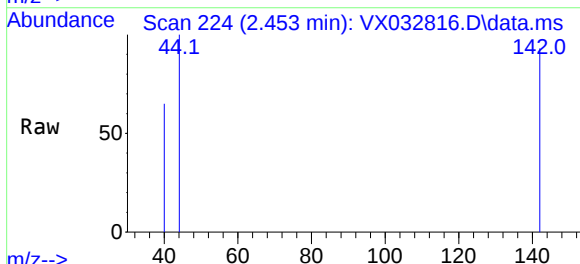
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

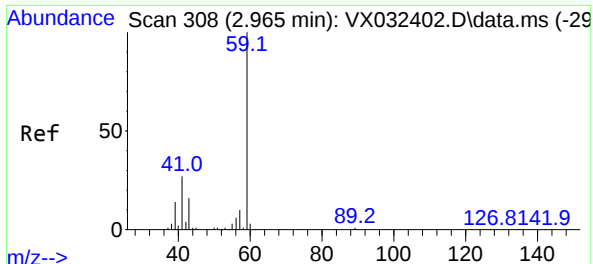
Tgt Ion:101 Resp: 768
Ion Ratio Lower Upper
101 100
85 50.5 37.0 55.4
151 77.0 64.4 96.6



#10
Methyl Iodide
Concen: 1.963 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 1.325 ug/l

RT: 2.934 min Scan# 308

Delta R.T. -0.031 min

Lab File: VX032816.D

Acq: 15 Nov 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

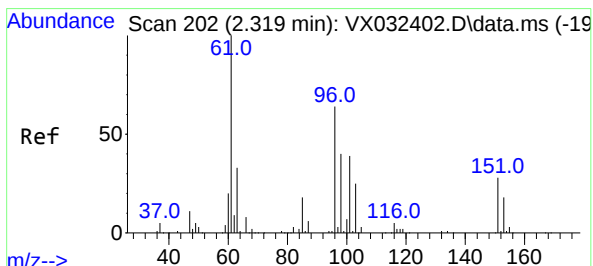
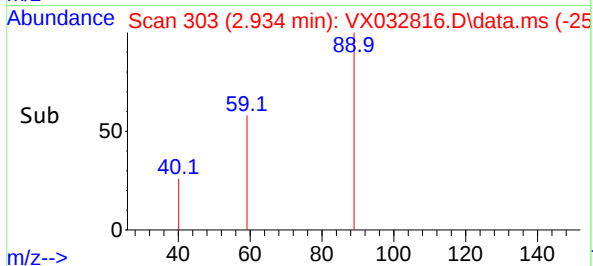
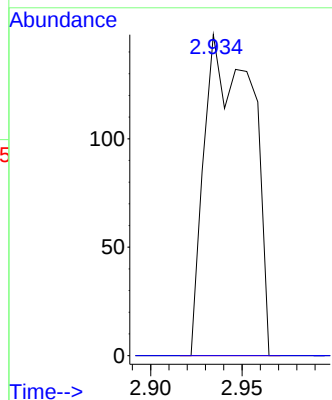
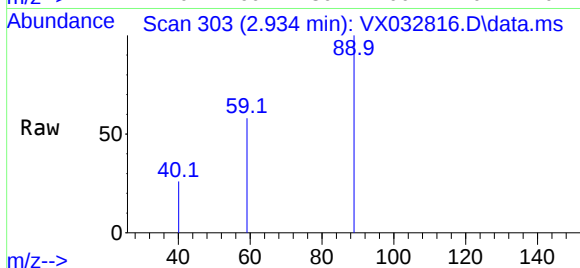
29BR-20221109DL

Tgt Ion: 59 Resp: 266

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.599 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032816.D

Acq: 15 Nov 2022 12:44

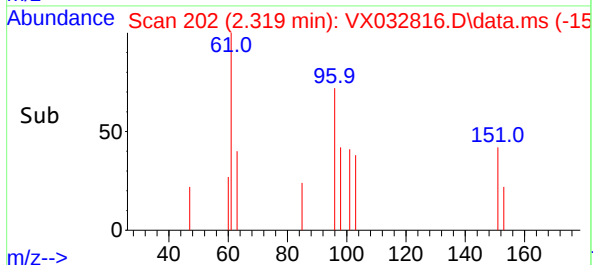
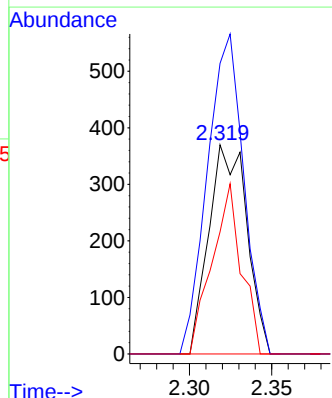
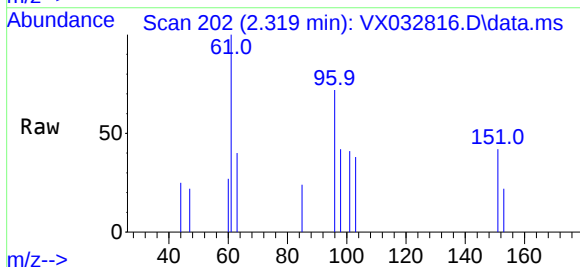
Tgt Ion: 96 Resp: 596

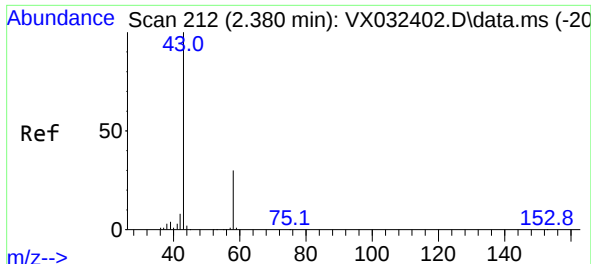
Ion Ratio Lower Upper

96 100

61 138.9 125.1 187.7

98 58.4 50.6 76.0

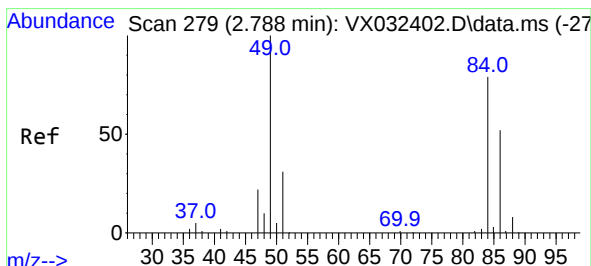
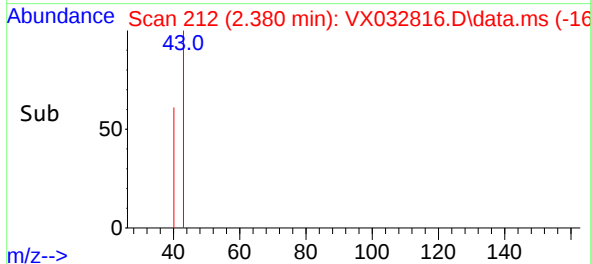
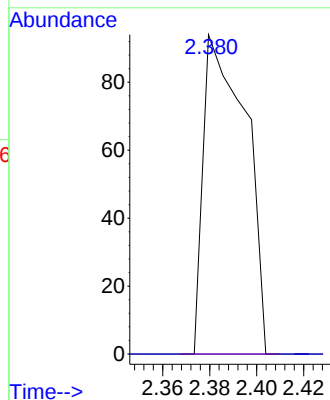
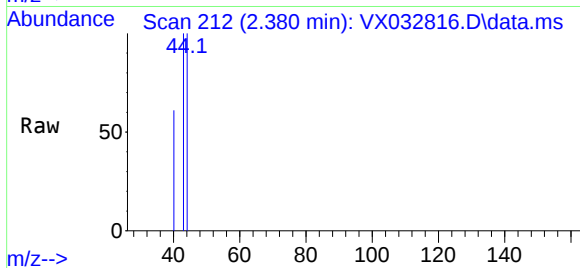




#16
Acetone
Concen: 0.233 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

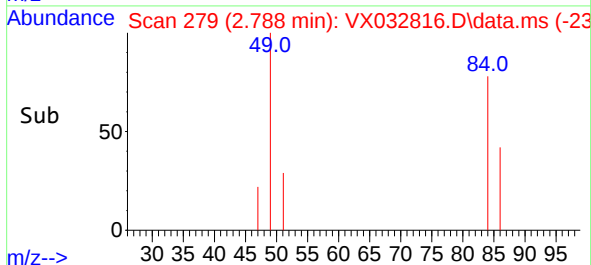
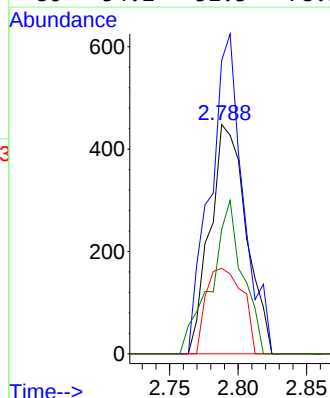
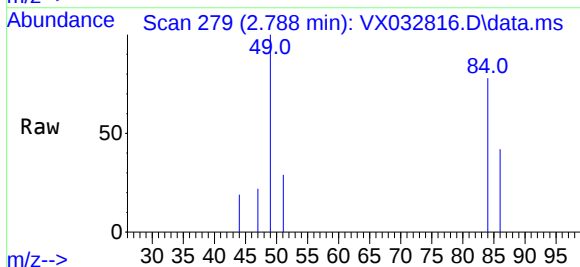
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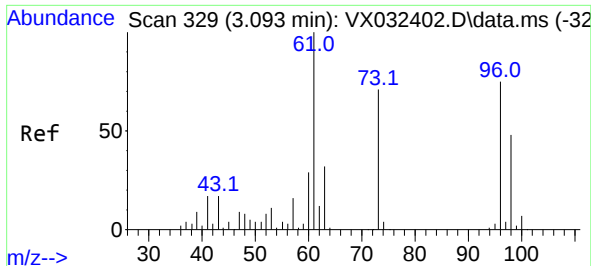
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 84 Resp: 824
Ion Ratio Lower Upper
84 100
49 127.9 101.0 151.6
51 37.3 31.1 46.7
86 54.2 52.3 78.5

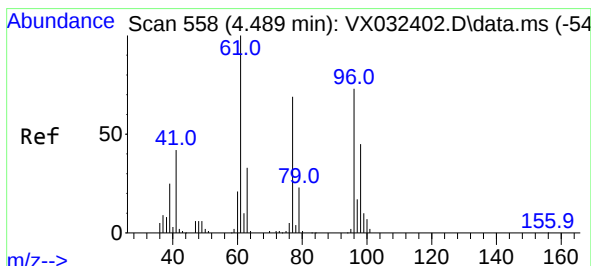
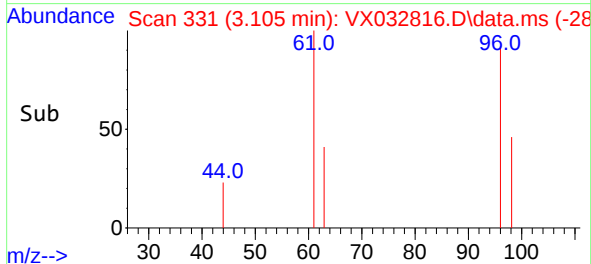
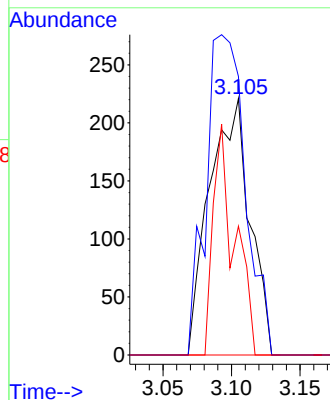
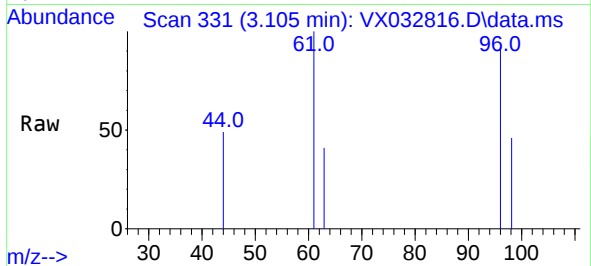




#21
trans-1,2-Dichloroethene
Concen: 0.419 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

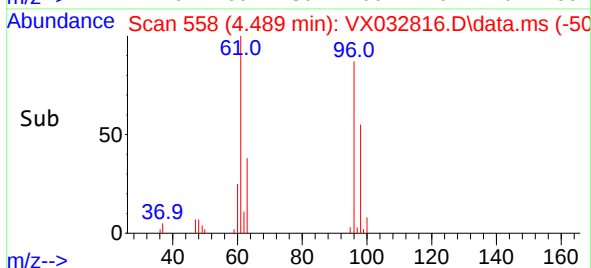
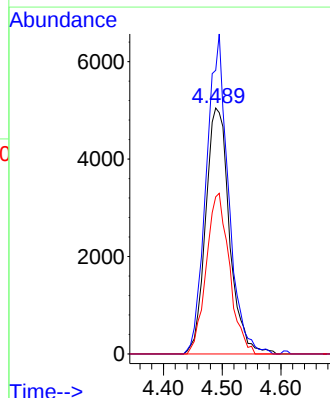
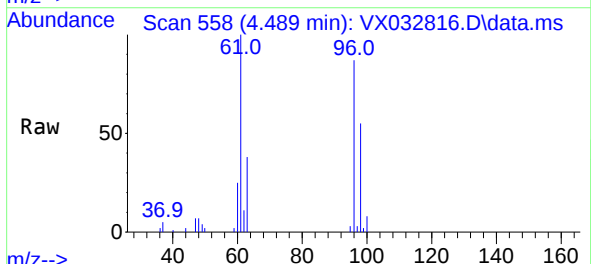
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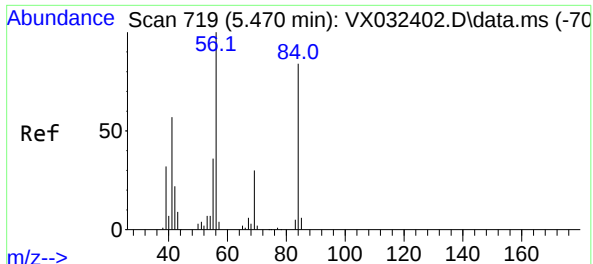
Tgt Ion: 96 Resp: 454
Ion Ratio Lower Upper
96 100
61 108.6 106.6 160.0
98 50.2 51.0 76.6#



#27
cis-1,2-Dichloroethene
Concen: 11.377 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 96 Resp: 14250
Ion Ratio Lower Upper
96 100
61 120.9 0.0 286.0
98 63.5 0.0 129.6

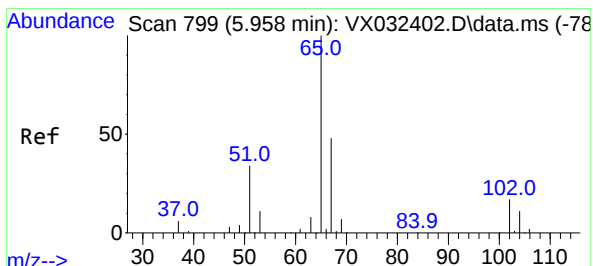
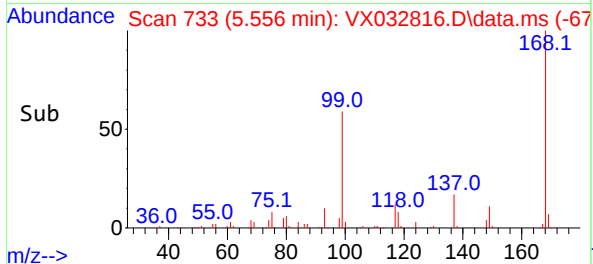
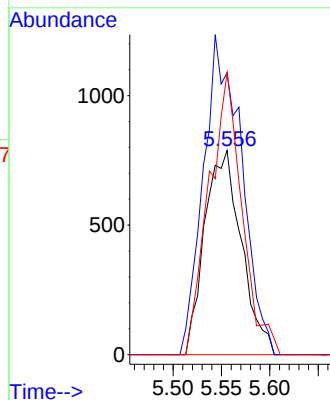
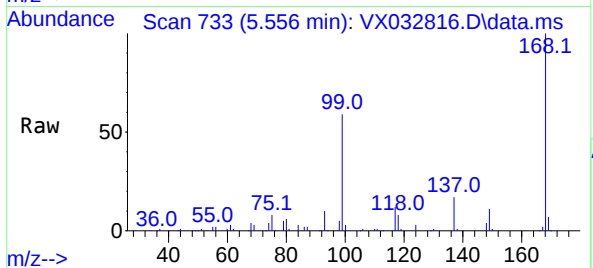




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

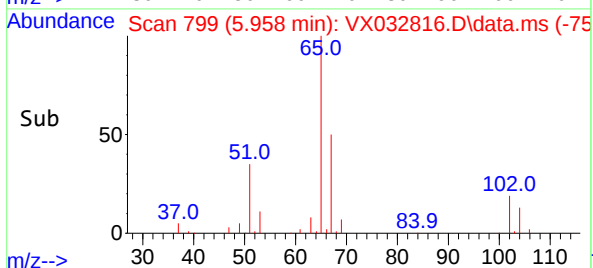
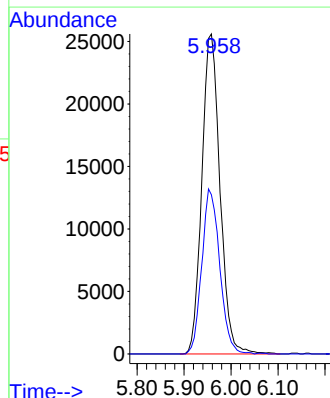
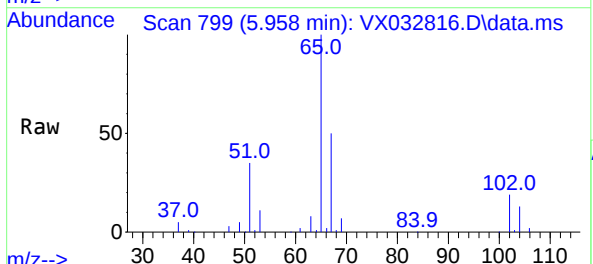
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

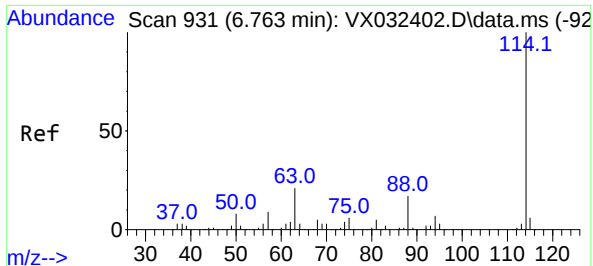
Tgt Ion: 56 Resp: 2081
Ion Ratio Lower Upper
56 100
69 138.1 24.1 36.1#
84 138.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 65 Resp: 68725
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX032816.D

Acq: 15 Nov 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

29BR-20221109DL

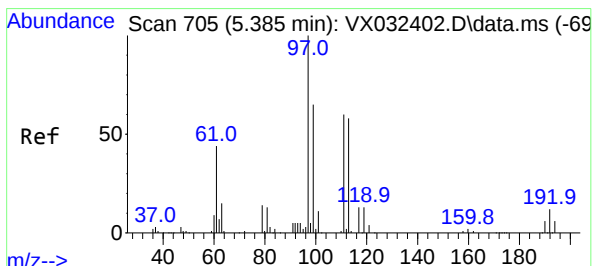
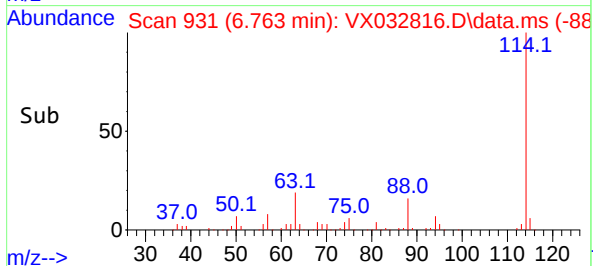
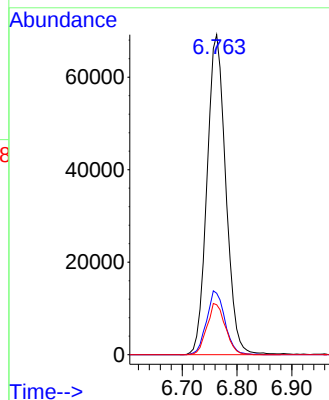
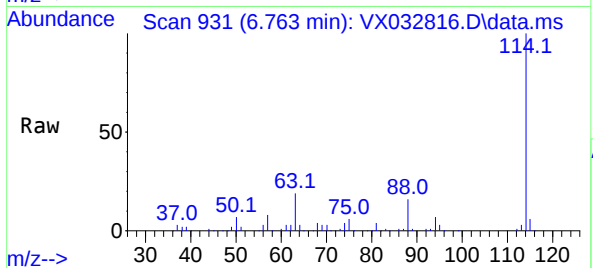
Tgt Ion:114 Resp: 164172

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.805 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032816.D

Acq: 15 Nov 2022 12:44

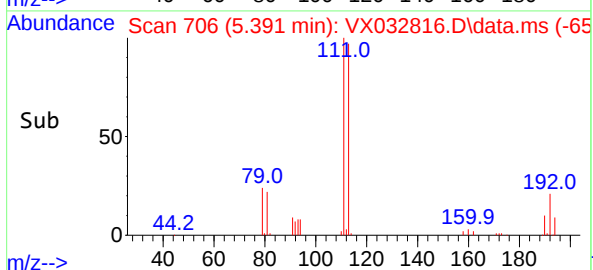
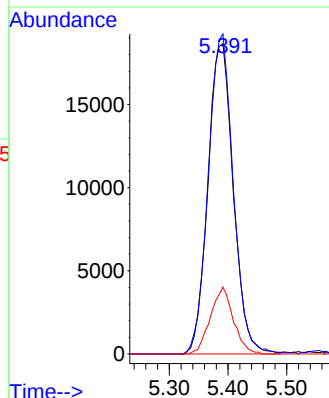
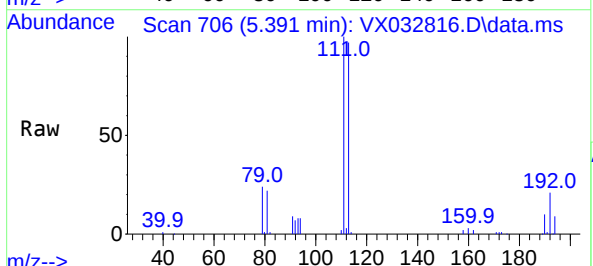
Tgt Ion:113 Resp: 55982

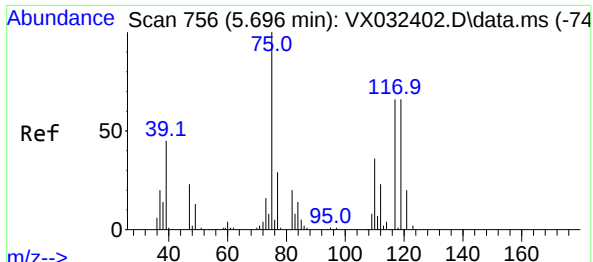
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 19.5 15.4 23.2

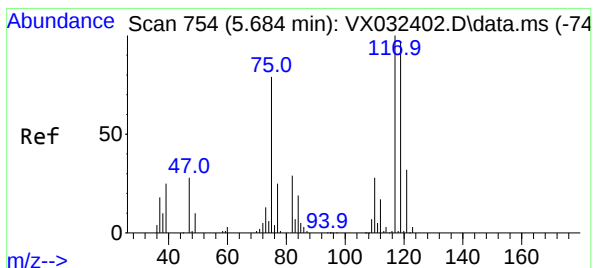
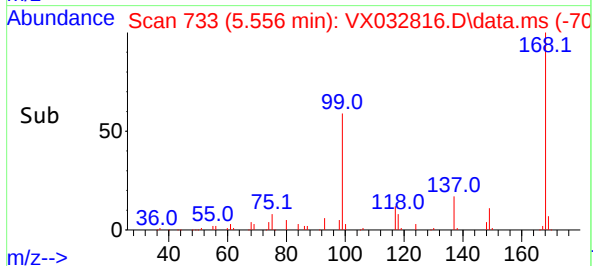
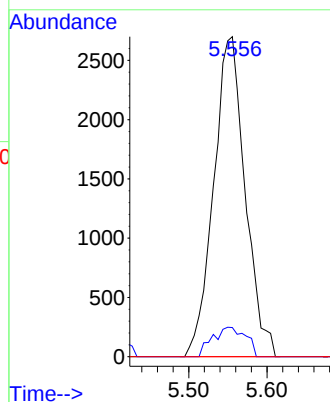
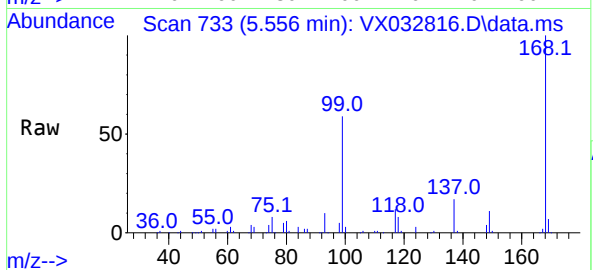




#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

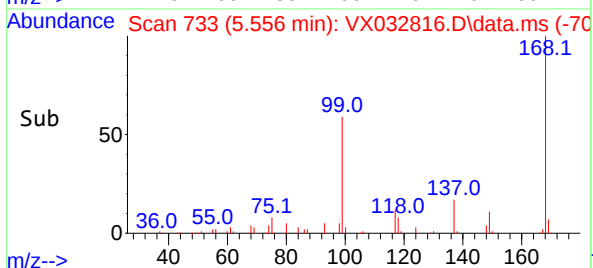
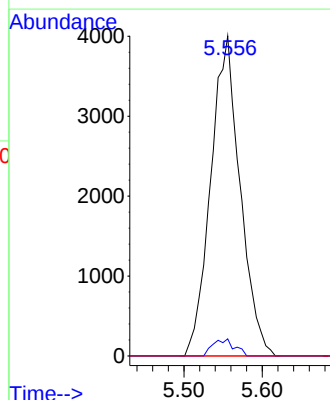
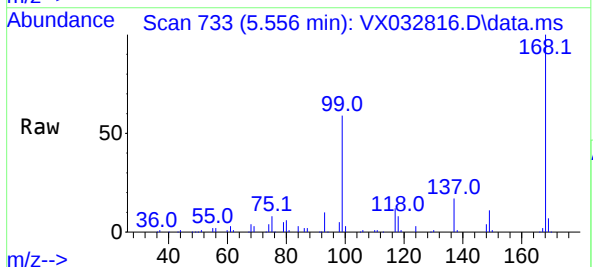
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

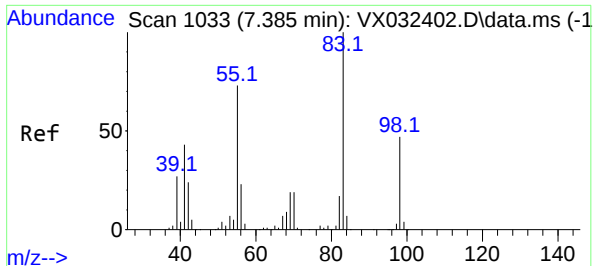
Tgt Ion: 75 Resp: 7546
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.785 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 117 Resp: 10464
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#

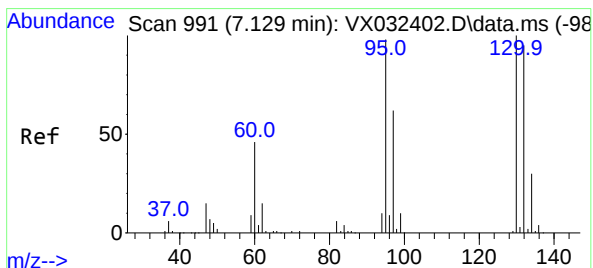
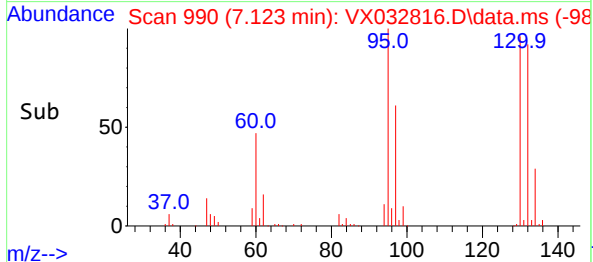
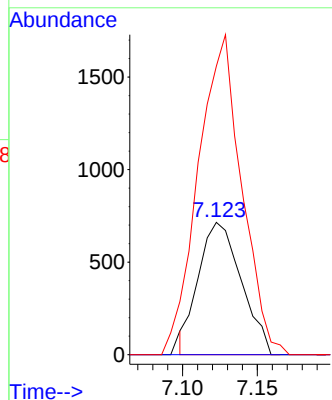
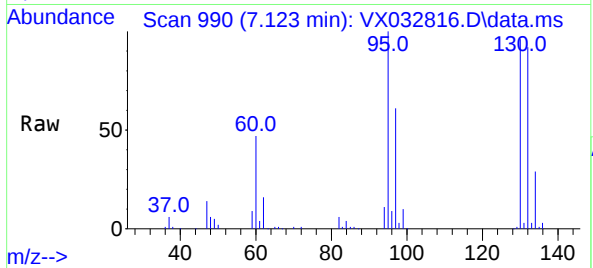




#39
Methylcyclohexane
Concen: 0.735 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

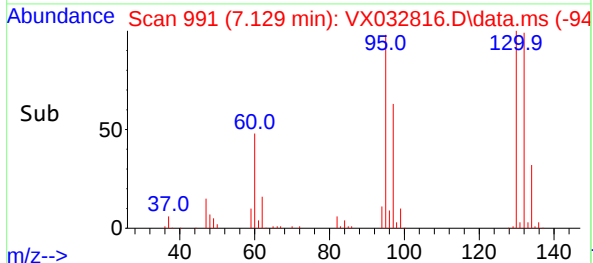
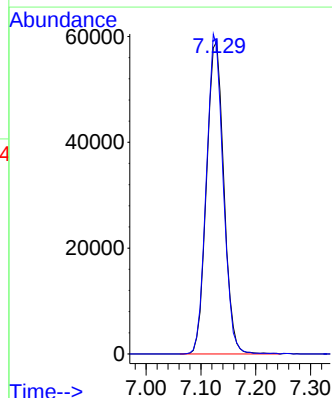
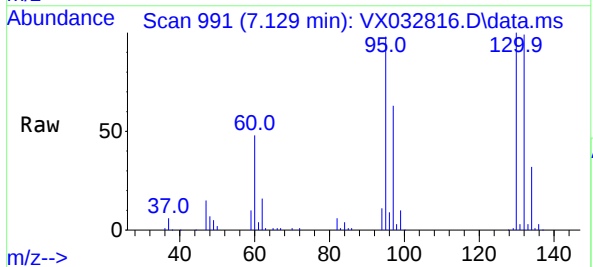
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

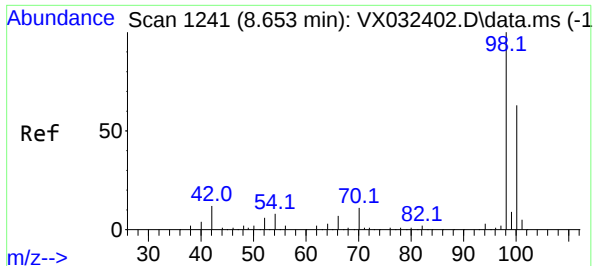
Tgt Ion: 83 Resp: 1419
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 210.6 37.2 55.8#



#44
Trichloroethene
Concen: 99.422 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion:130 Resp: 129158
Ion Ratio Lower Upper
130 100
95 98.3 0.0 195.2





#50

Toluene-d8

Concen: 48.924 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032816.D

Acq: 15 Nov 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

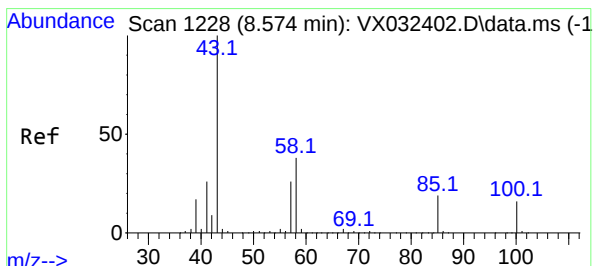
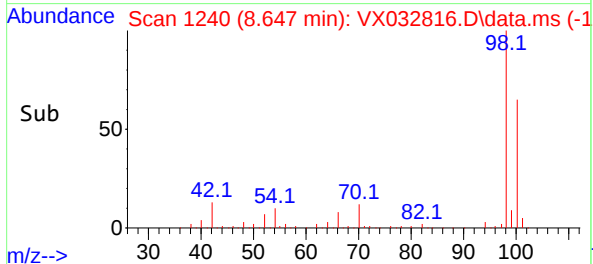
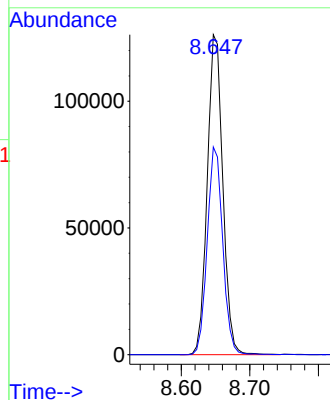
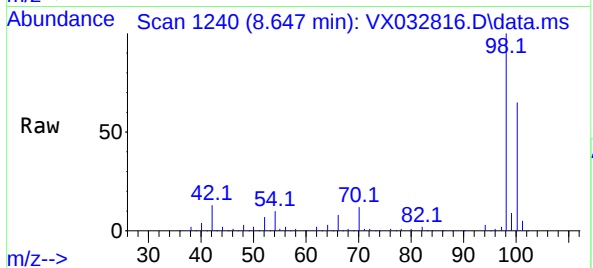
29BR-20221109DL

Tgt Ion: 98 Resp: 199221

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.568 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032816.D

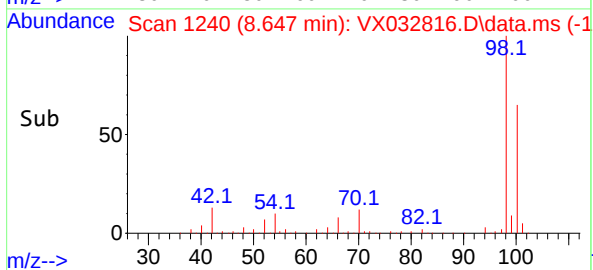
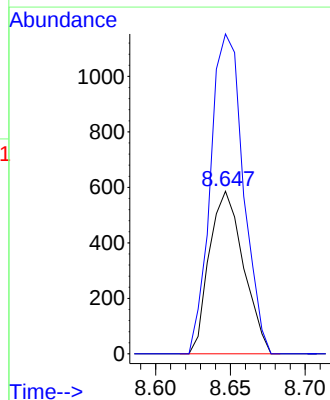
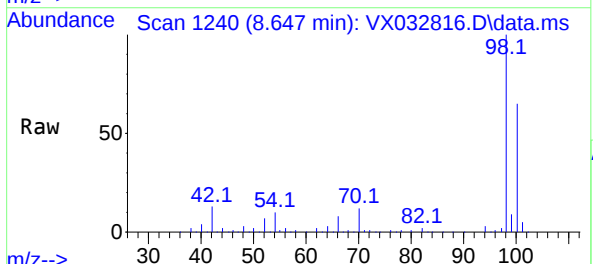
Acq: 15 Nov 2022 12:44

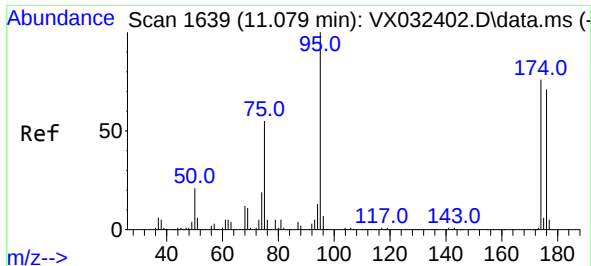
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 189.3 30.9 46.3#

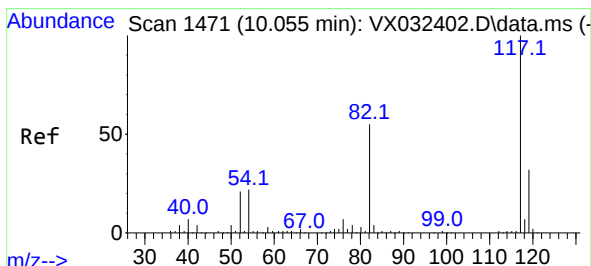
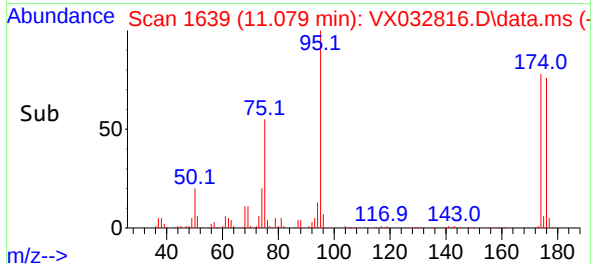
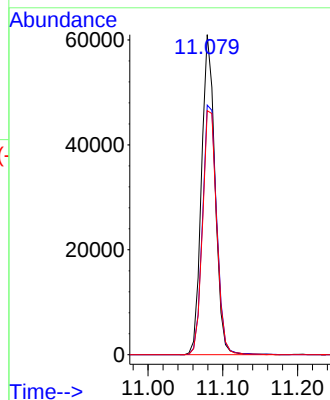
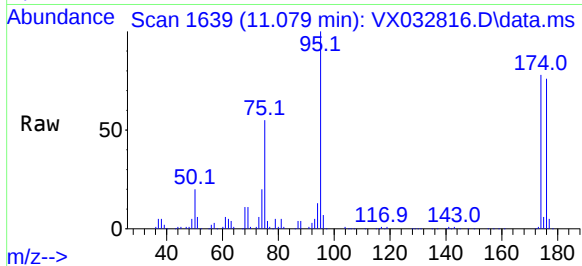




#62
4-Bromofluorobenzene
Concen: 48.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

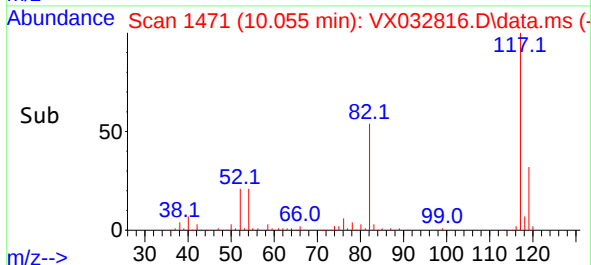
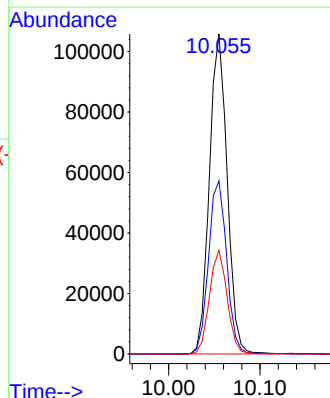
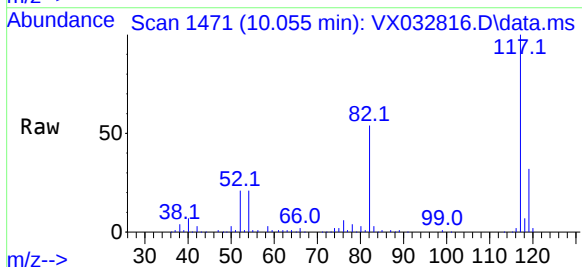
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

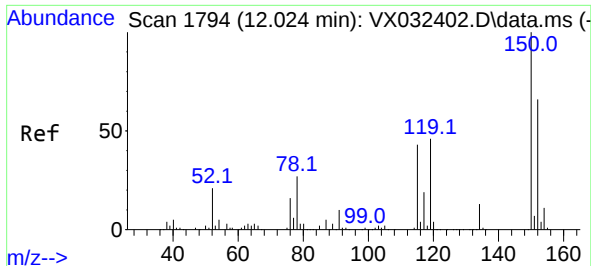
Tgt Ion: 95 Resp: 76440
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

Tgt Ion: 117 Resp: 142988
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.4 25.7 38.5

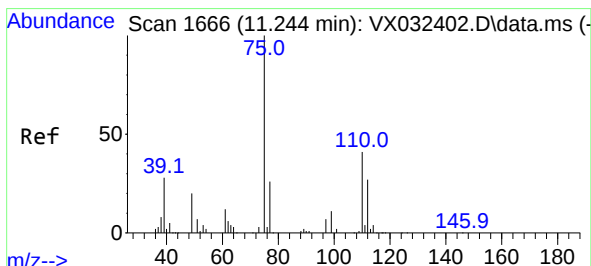
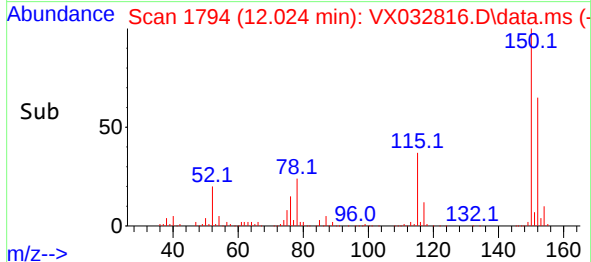
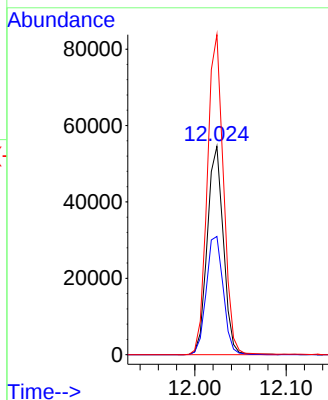
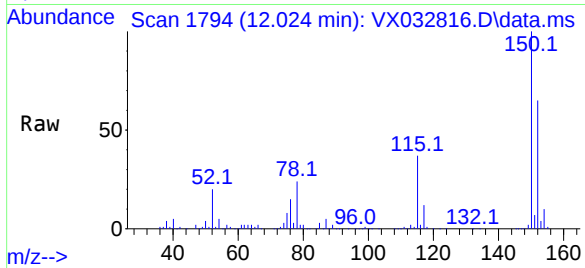




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

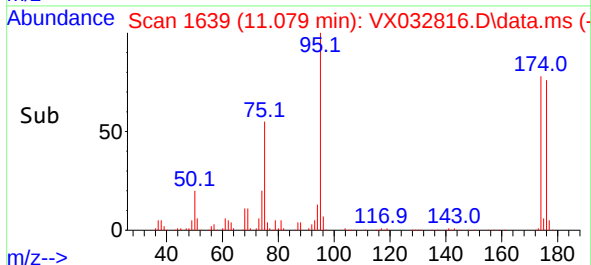
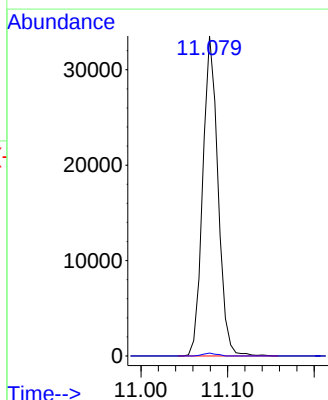
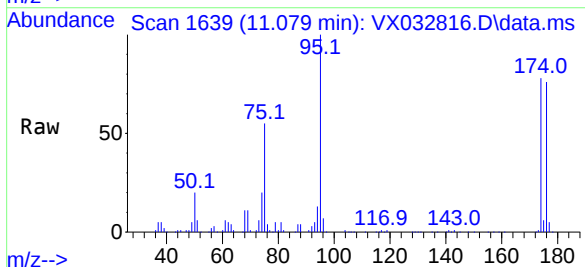
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109DL

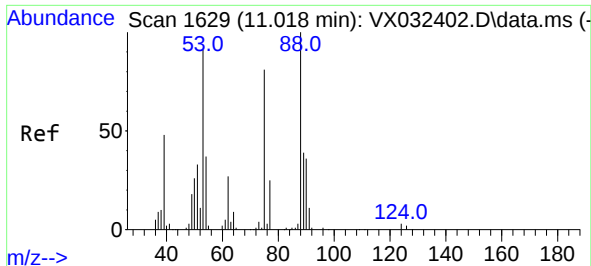
Tgt Ion:152 Resp: 66734
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 154.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032816.D
Acq: 15 Nov 2022 12:44

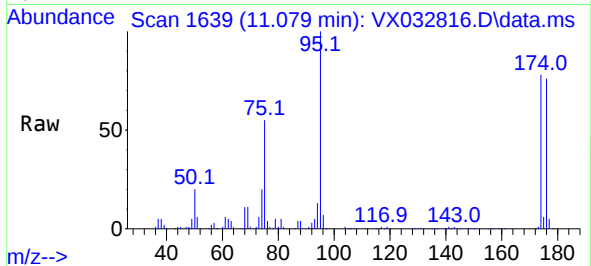
Tgt Ion: 75 Resp: 40971
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.811 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032816.D
 Acq: 15 Nov 2022 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20221109DL



Tgt Ion: 75 Resp: 40971
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

