

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032416.D
 Acq On : 26 Oct 2022 19:48
 Operator : JC/MD
 Sample : N5288-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-7

Quant Time: Oct 27 08:34:01 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)

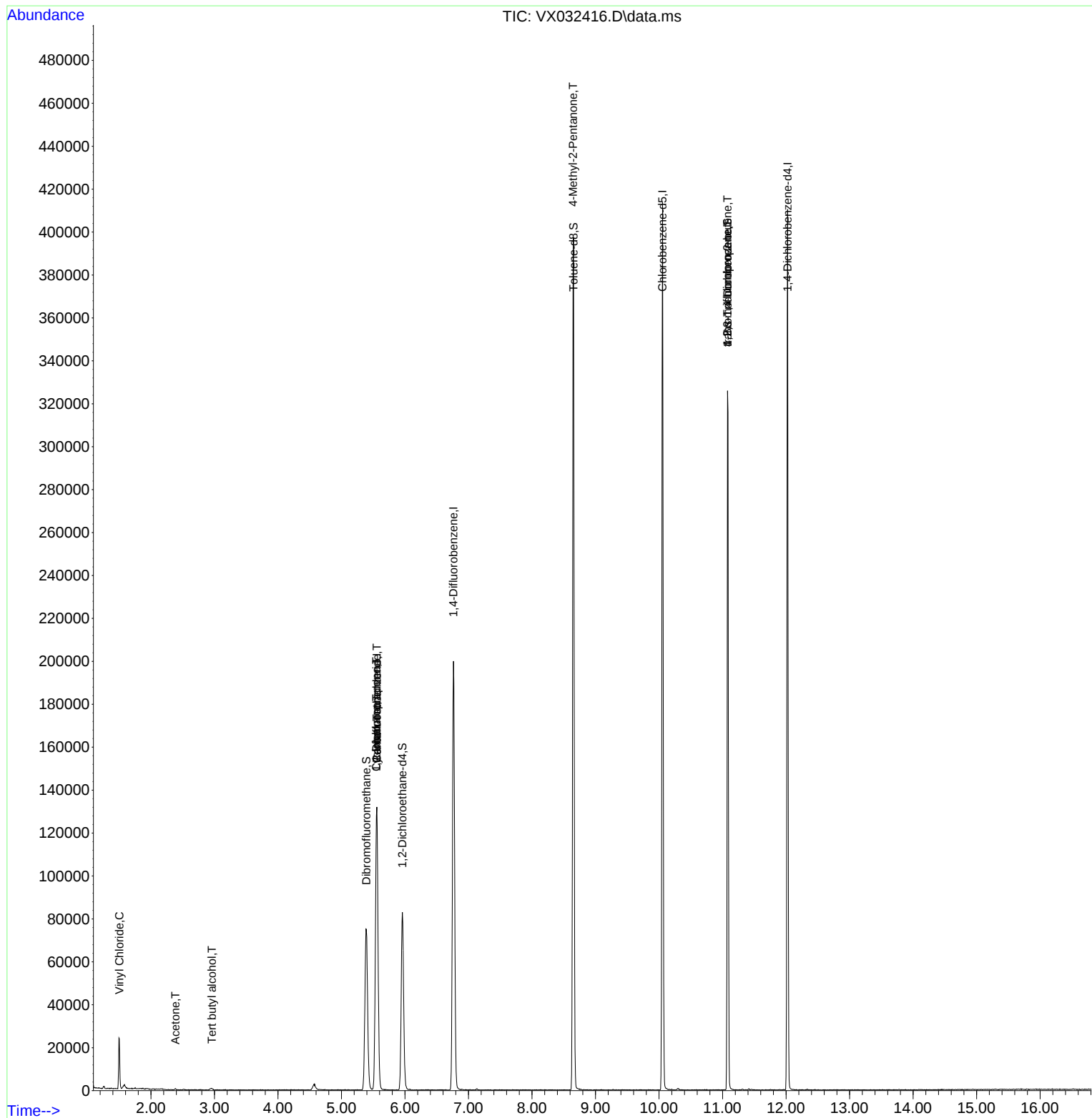
Internal Standards						
1) Pentafluorobenzene	5.556	168	125650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81889	46.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.800%
35) Dibromofluoromethane	5.391	113	66421	45.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.653	98	240365	47.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.079	95	82330	41.727	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.460%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.501	62	430	0.319	ug/l #	42
11) Tert butyl alcohol	2.959	59	728	2.865	ug/l #	72
16) Acetone	2.385	43	587	0.925	ug/l	100
31) Cyclohexane	5.550	56	2864	1.353	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9772	4.831	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12787	5.699	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1126	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45283	25.129	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45283	79.963	ug/l #	6

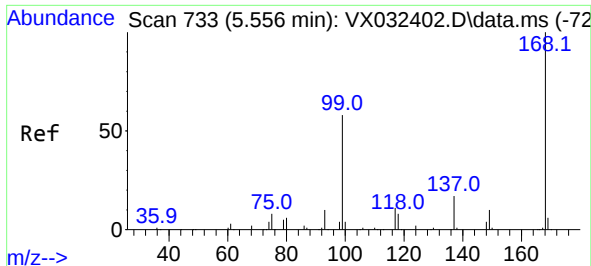
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

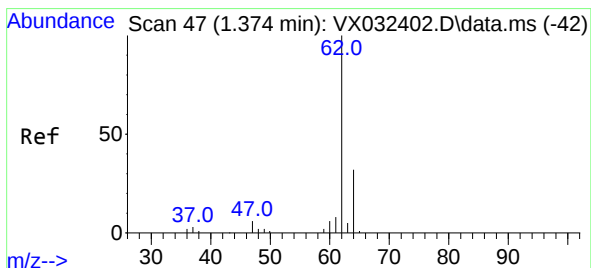
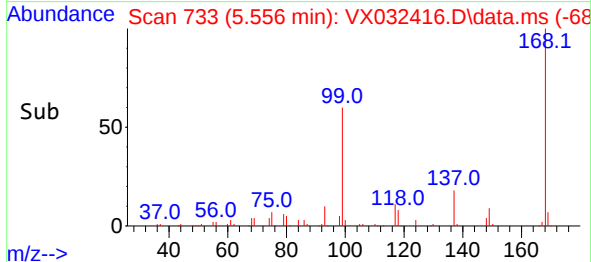
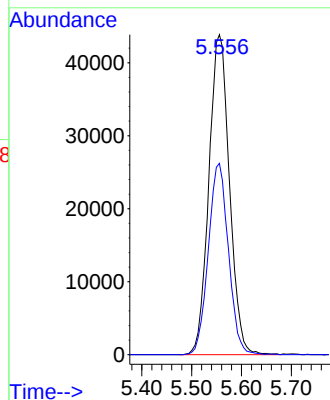
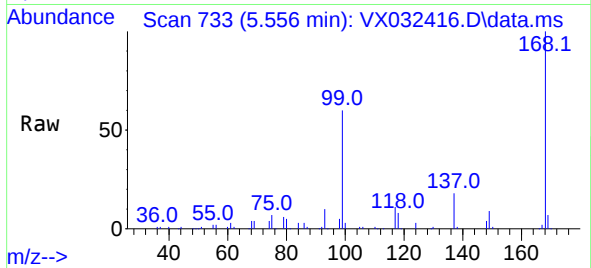




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

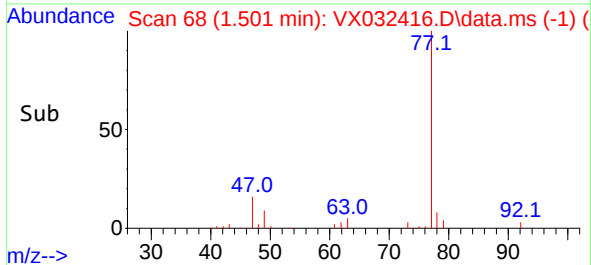
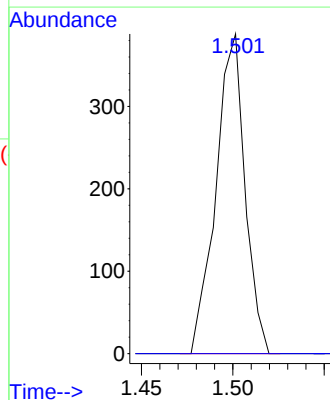
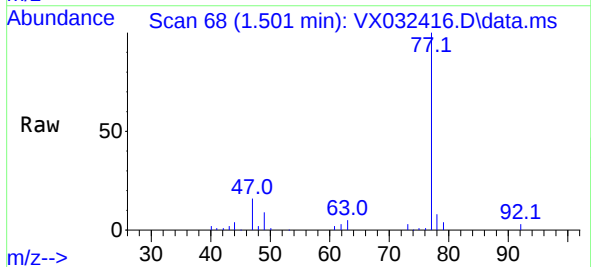
Instrument :
MSVOA_X
ClientSampleId :
252672-7

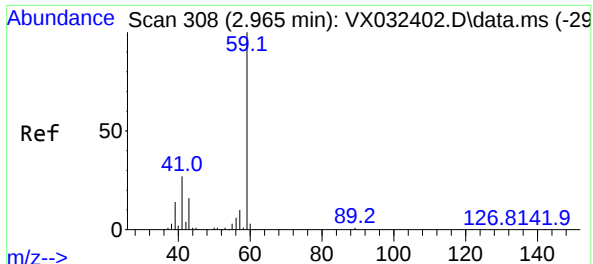
Tgt Ion:168 Resp: 125650
Ion Ratio Lower Upper
168 100
99 59.8 46.1 69.1



#4
Vinyl Chloride
Concen: 0.319 ug/l
RT: 1.501 min Scan# 68
Delta R.T. 0.128 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Tgt Ion: 62 Resp: 430
Ion Ratio Lower Upper
62 100
64 0.0 25.8 38.6#





#11

Tert butyl alcohol

Concen: 2.865 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX032416.D

Acq: 26 Oct 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

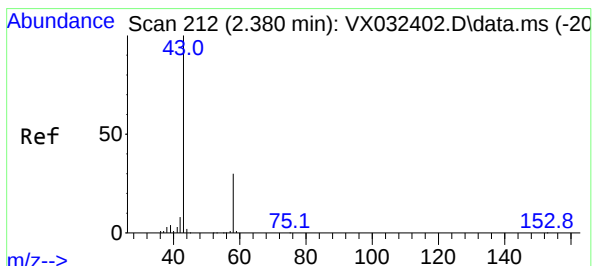
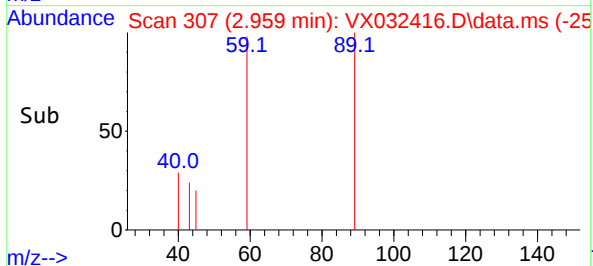
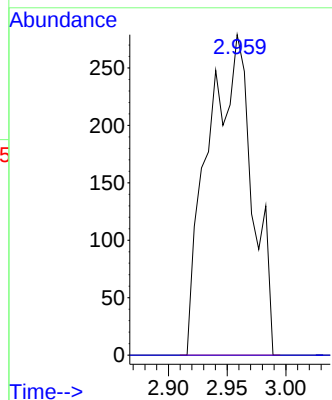
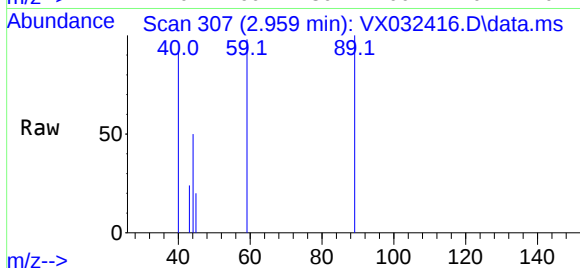
252672-7

Tgt Ion: 59 Resp: 728

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.925 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032416.D

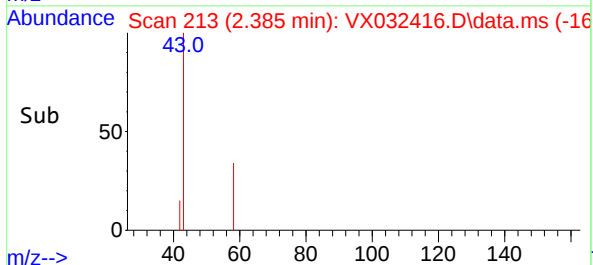
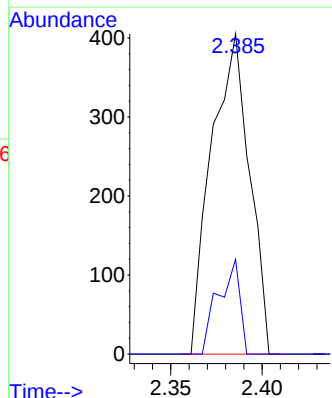
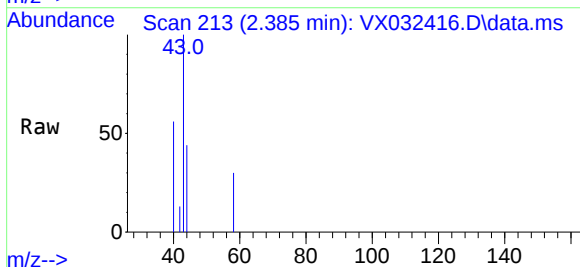
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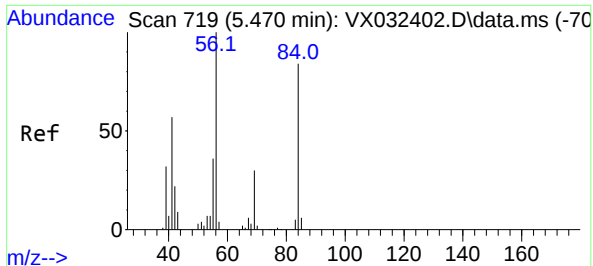
Tgt Ion: 43 Resp: 587

Ion Ratio Lower Upper

43 100

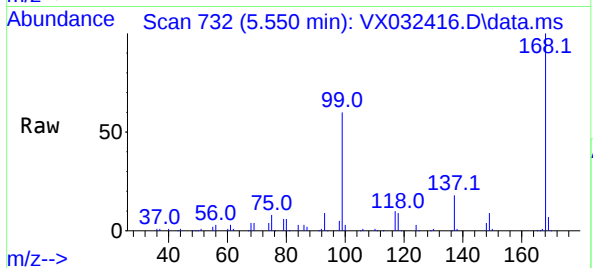
58 29.6 23.8 35.8



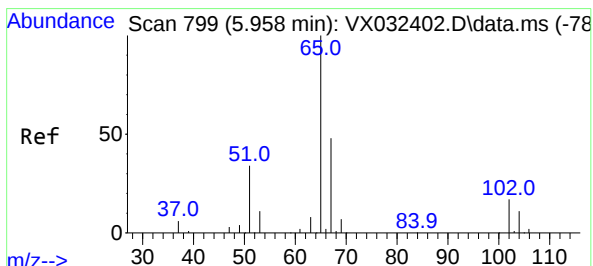
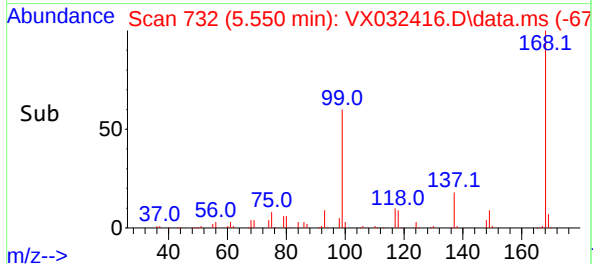
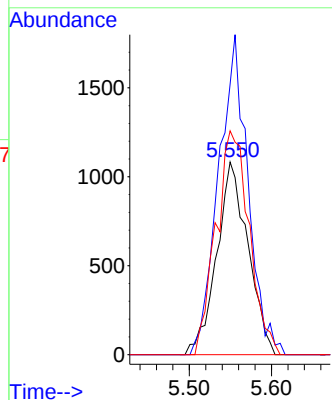


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
252672-7

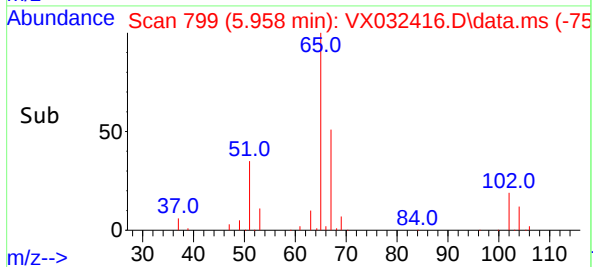
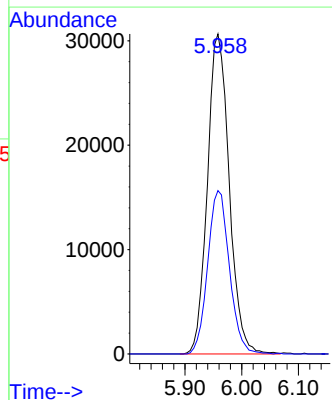
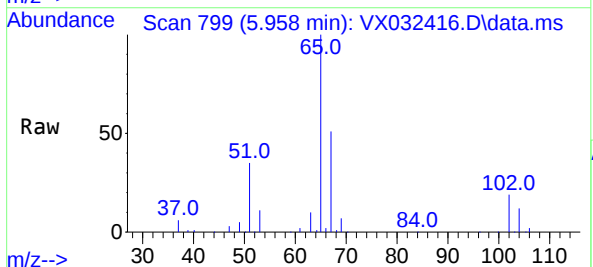


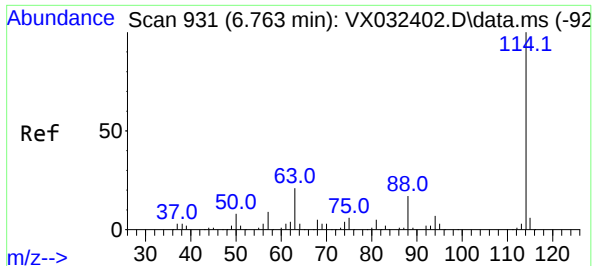
Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 140.4 24.1 36.1#
84 116.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.904 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Tgt Ion: 65 Resp: 81889
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

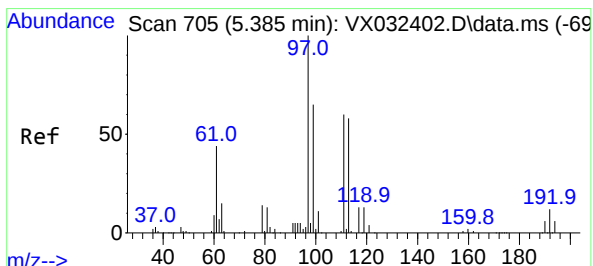
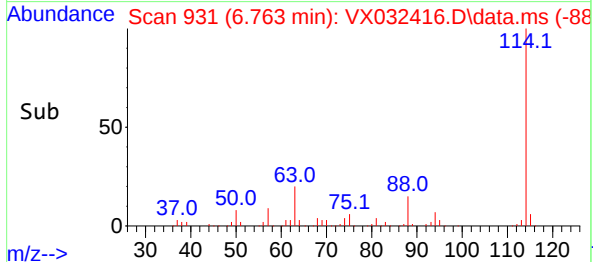
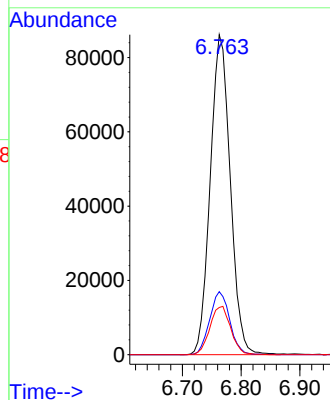
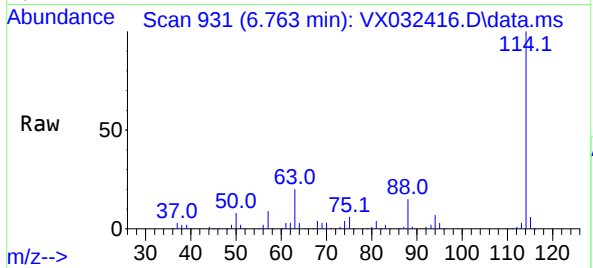




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

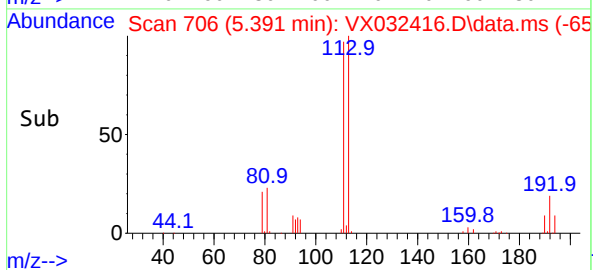
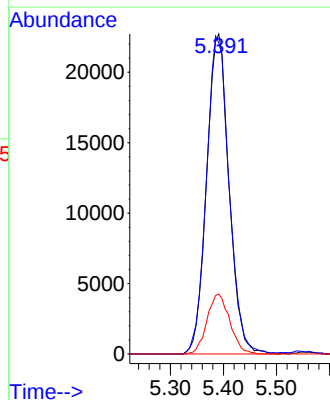
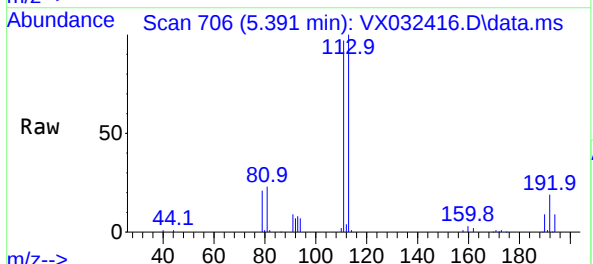
Instrument :
MSVOA_X
ClientSampleId :
252672-7

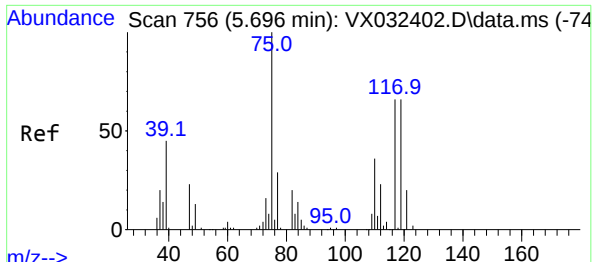
Tgt Ion:114 Resp: 203643
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 14.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.725 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Tgt Ion:113 Resp: 66421
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.0 15.4 23.2

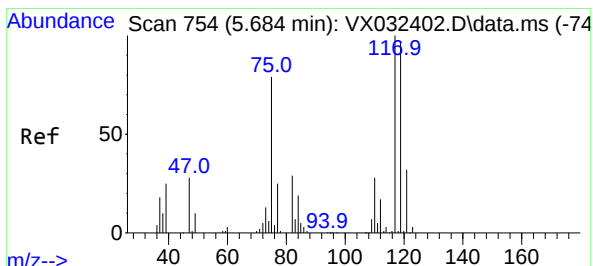
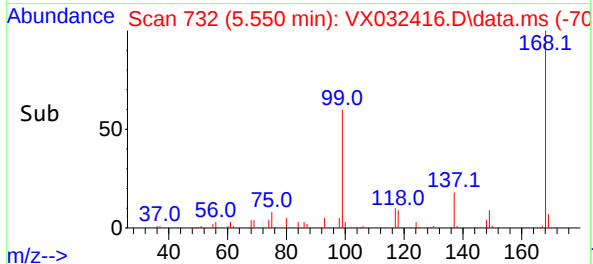
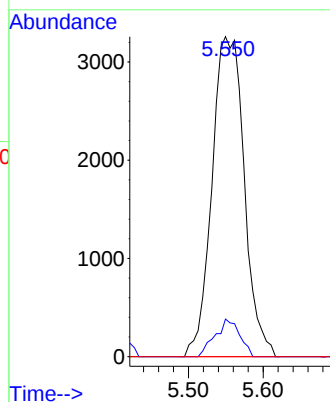
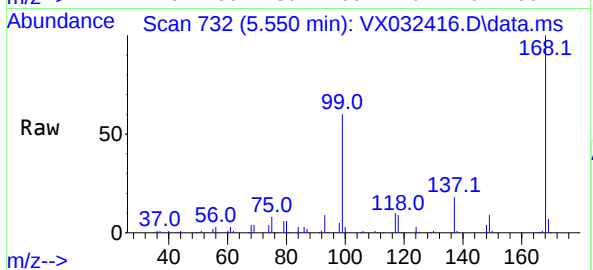




#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

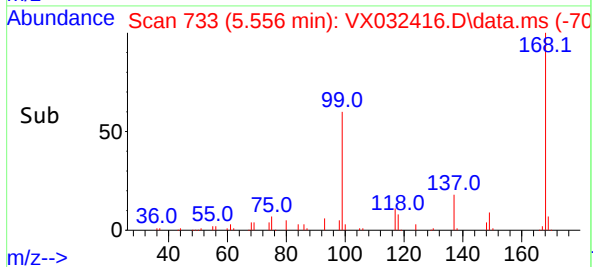
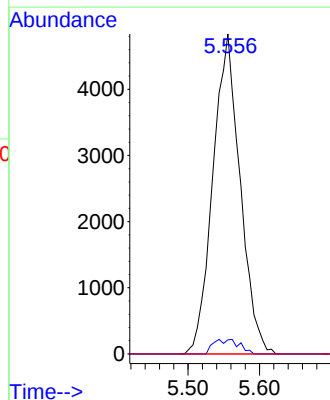
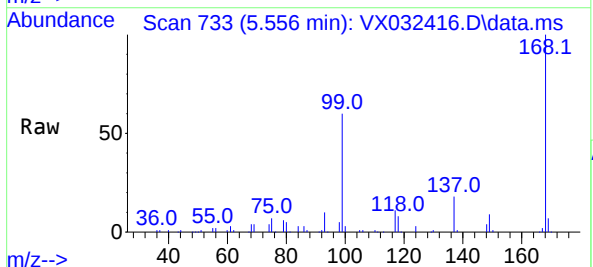
Instrument :
MSVOA_X
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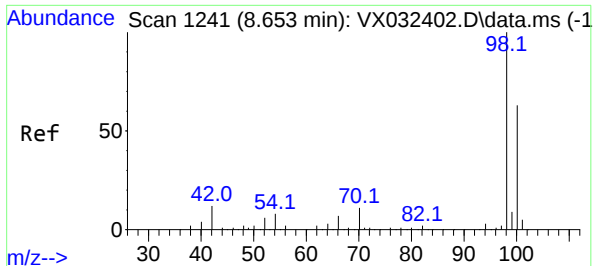
Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Tgt Ion: 117 Resp: 12787
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.587 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032416.D

Acq: 26 Oct 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

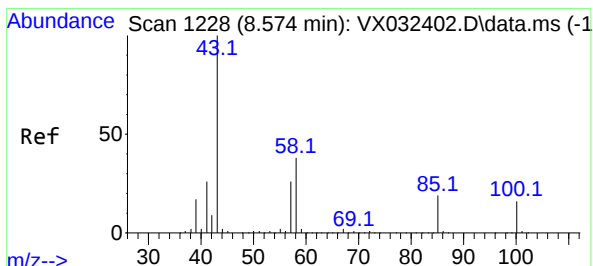
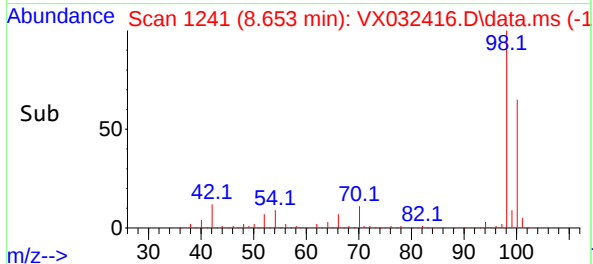
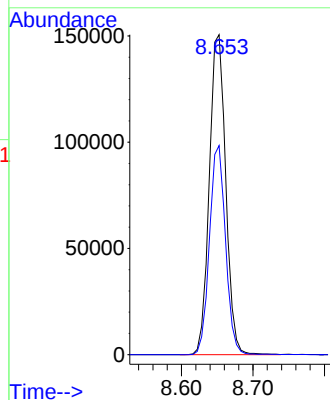
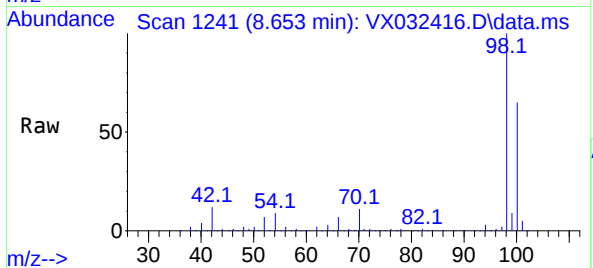
252672-7

Tgt Ion: 98 Resp: 240365

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032416.D

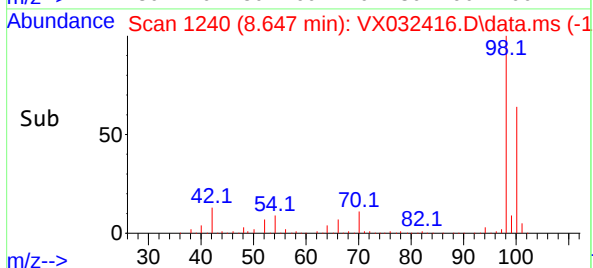
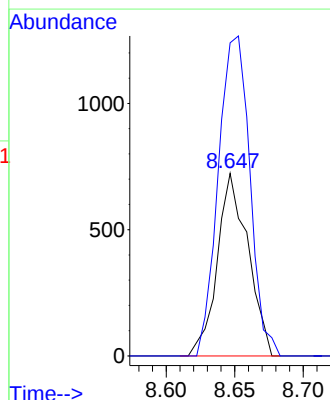
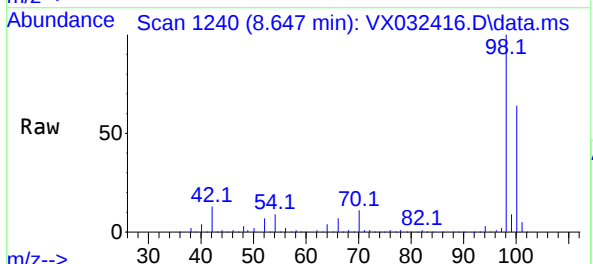
Acq: 26 Oct 2022 19:48

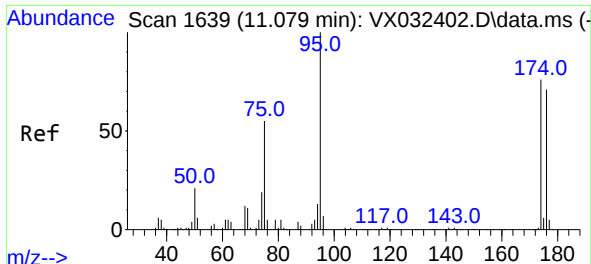
Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

58 180.4 30.9 46.3#

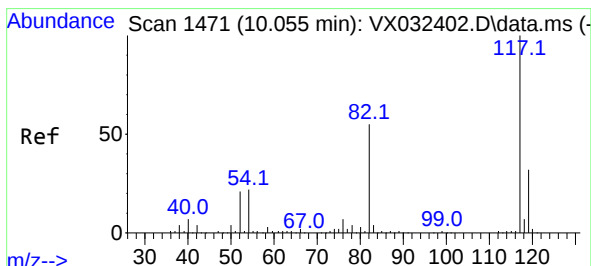
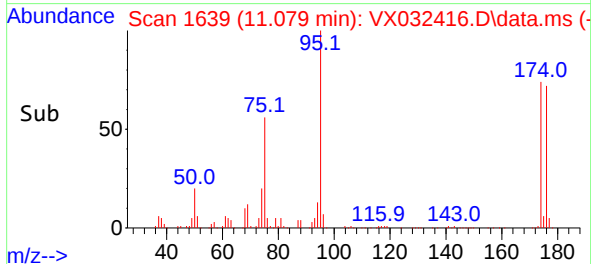
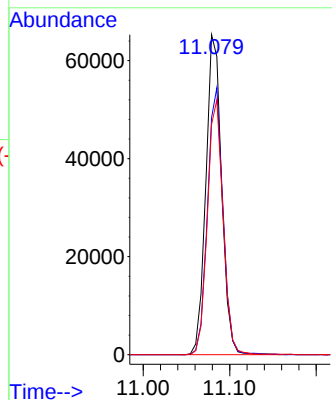
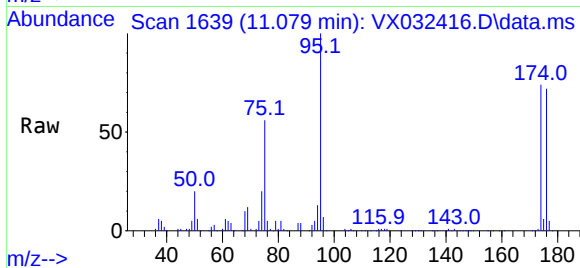




#62
4-Bromofluorobenzene
Concen: 41.727 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

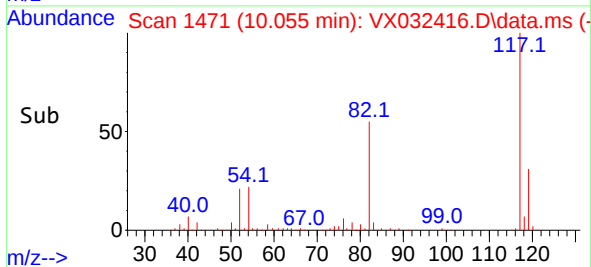
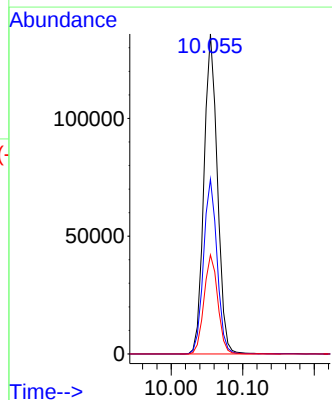
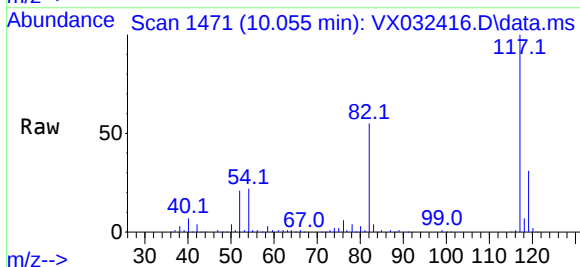
Instrument :
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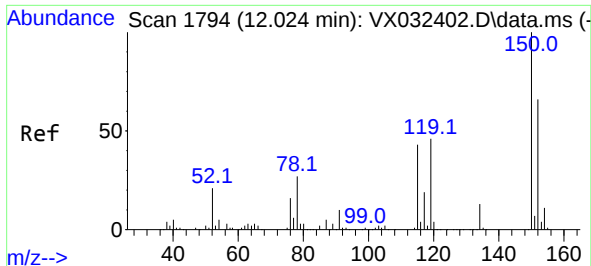
Tgt Ion: 95 Resp: 82330
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

Tgt Ion: 117 Resp: 177857
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.0 25.7 38.5

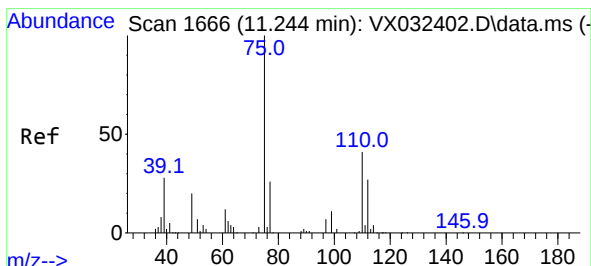
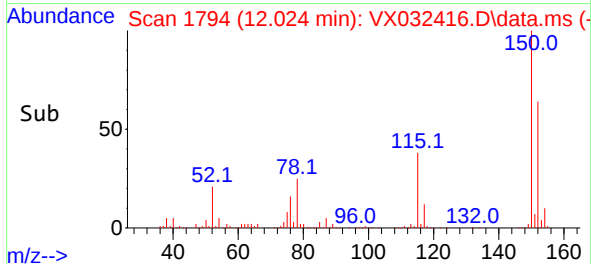
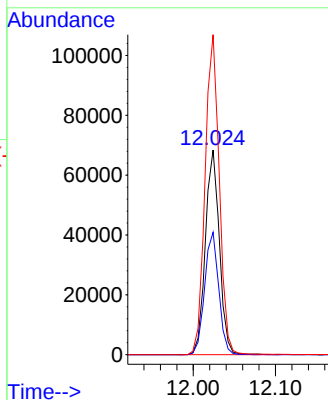
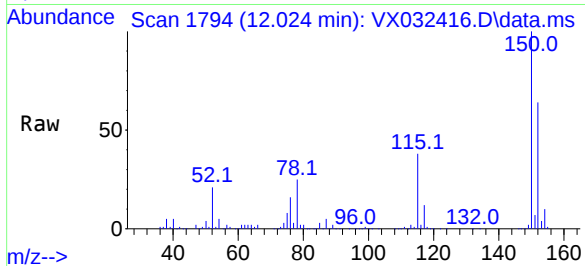




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

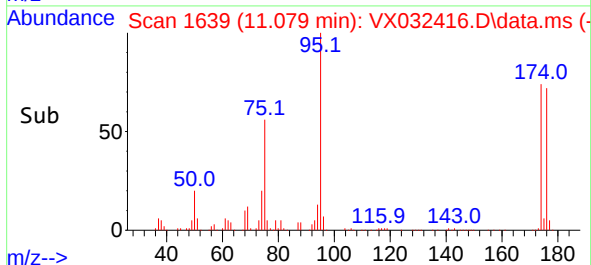
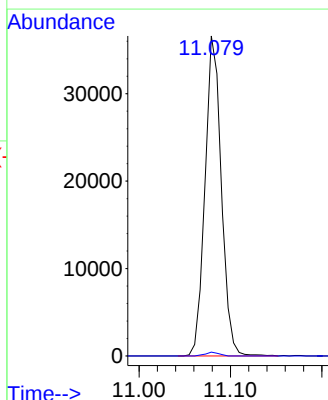
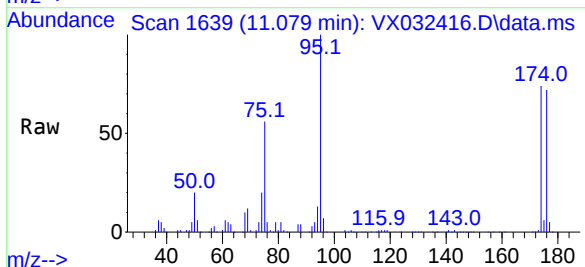
Instrument :
MSVOA_X
ClientSampleId :
252672-7

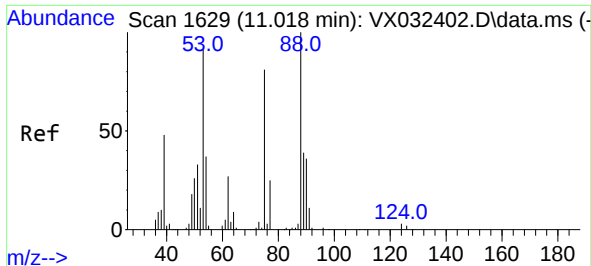
Tgt Ion:152 Resp: 80997
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 158.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 25.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032416.D
Acq: 26 Oct 2022 19:48

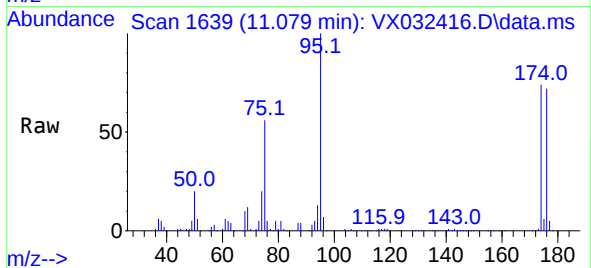
Tgt Ion: 75 Resp: 45283
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.963 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032416.D
 Acq: 26 Oct 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-7



Tgt Ion: 75 Resp: 45283
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

