

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032456.D
 Acq On : 28 Oct 2022 13:52
 Operator : JC/MD
 Sample : N5338-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31869

Quant Time: Oct 29 04:32:21 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)

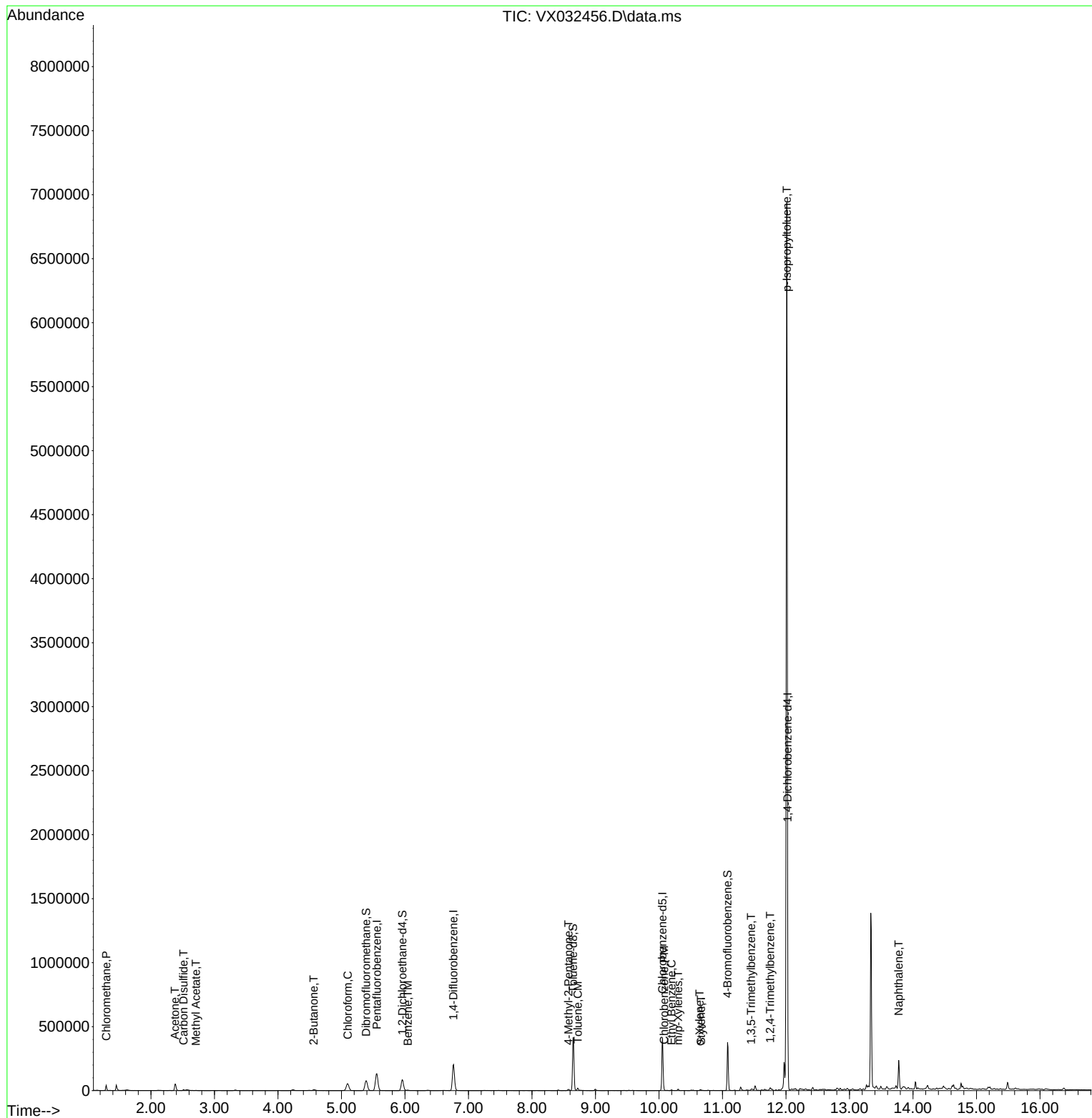
Internal Standards						
1) Pentafluorobenzene	5.556	168	125440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91692	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84541	48.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.385	113	67218	45.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	244741	47.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	91432	45.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	27223	22.250	ug/l	96
16) Acetone	2.380	43	58372	92.144	ug/l	100
17) Carbon Disulfide	2.514	76	8638	2.883	ug/l	96
18) Methyl Acetate	2.709	43	2255	1.095	ug/l	# 85
25) 2-Butanone	4.562	43	11492	11.709	ug/l	# 86
30) Chloroform	5.099	83	64836	23.683	ug/l	97
40) Benzene	6.044	78	4522	0.782	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	7868	3.827	ug/l	# 68
52) Toluene	8.720	92	6746	1.789	ug/l	92
65) Chlorobenzene	10.080	112	1190	0.298	ug/l	100
67) Ethyl Benzene	10.195	91	3713	0.520	ug/l	96
68) m/p-Xylenes	10.299	106	2690	0.971	ug/l	92
69) o-Xylene	10.640	106	885	0.328	ug/l	95
70) Styrene	10.659	104	2432	0.543	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1707	0.275	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	6706	1.086	ug/l	# 32
86) p-Isopropyltoluene	12.012	119	2782336	439.548	ug/l	98
95) Naphthalene	13.774	128	131254	18.234	ug/l	99

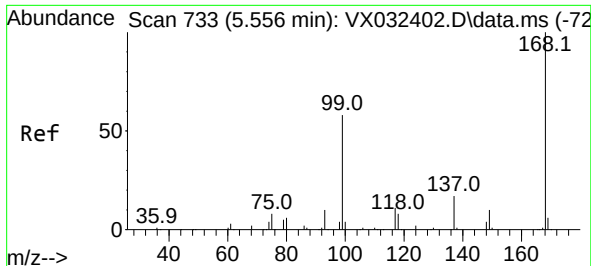
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX032456.D

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Instrument :

MSVOA_X

ClientSampleId :

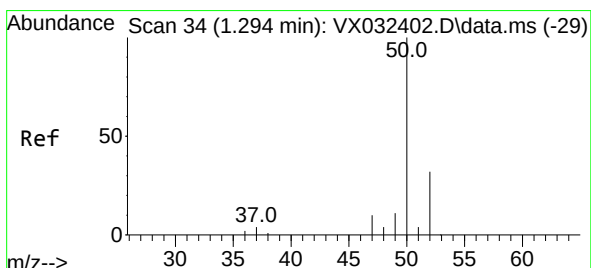
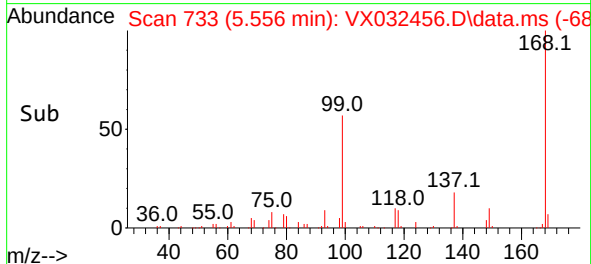
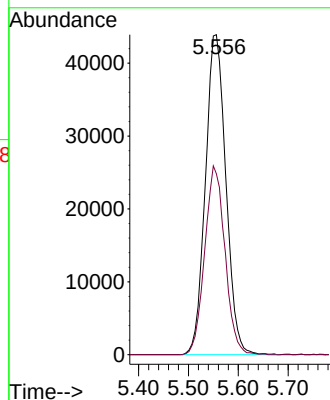
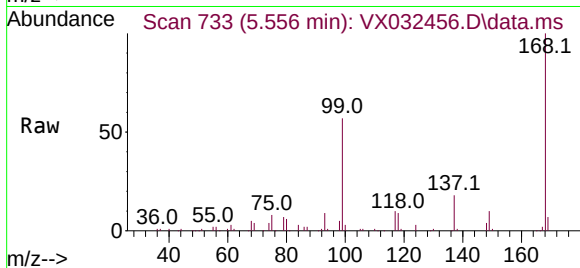
31869

Tgt Ion:168 Resp: 125440

Ion Ratio Lower Upper

168 100

99 56.6 46.1 69.1



#3

Chloromethane

Concen: 22.250 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX032456.D

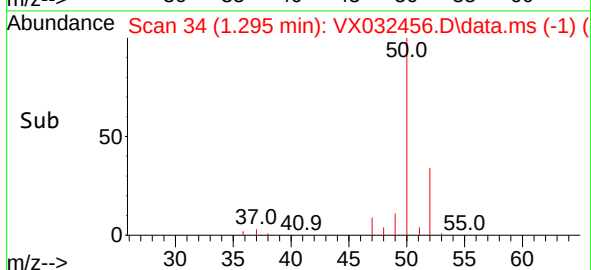
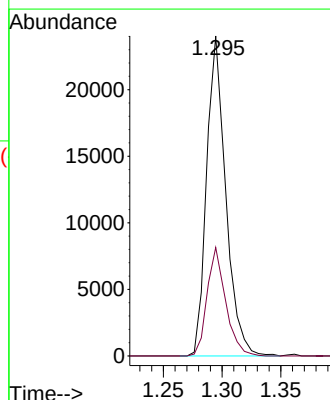
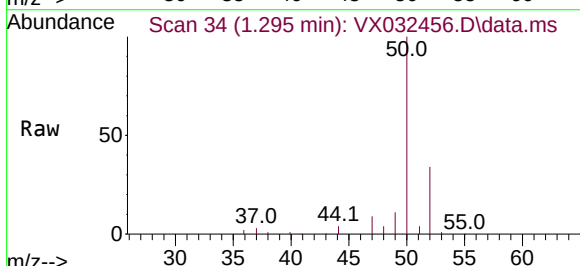
Acq: 28 Oct 2022 13:52

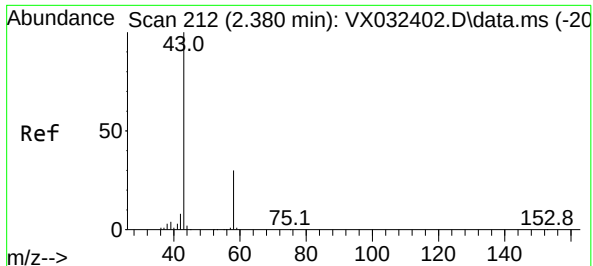
Tgt Ion: 50 Resp: 27223

Ion Ratio Lower Upper

50 100

52 33.9 25.4 38.2

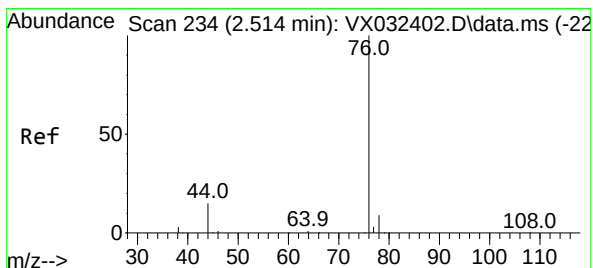
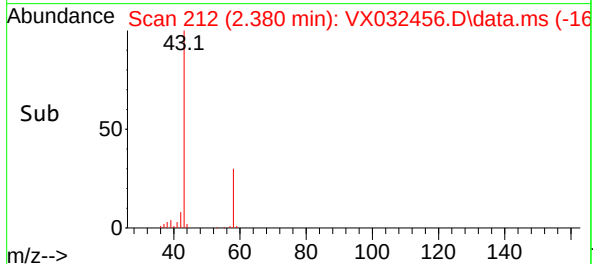
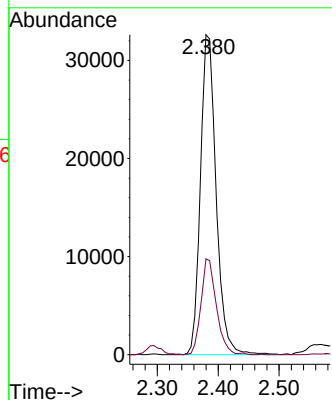
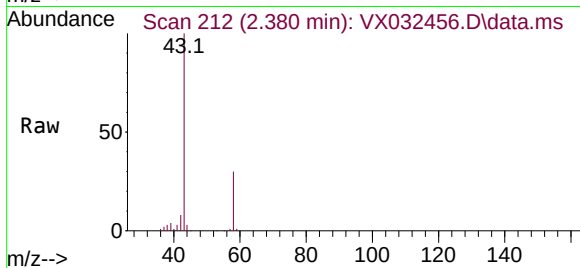




#16
Acetone
Concen: 92.144 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

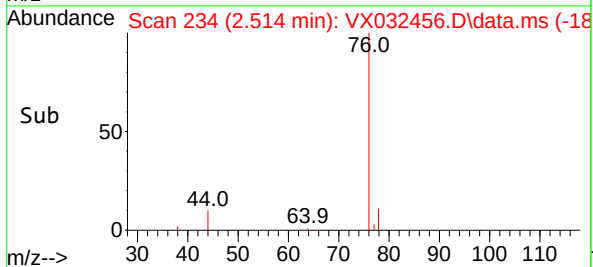
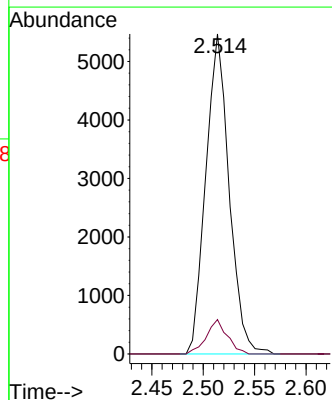
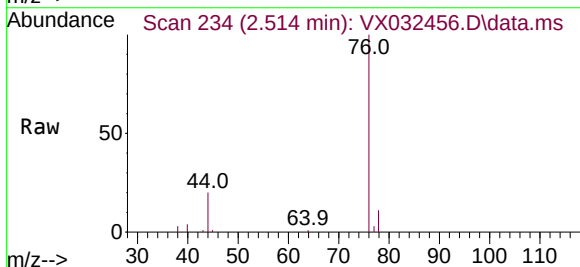
Instrument :
MSVOA_X
ClientSampleId :
31869

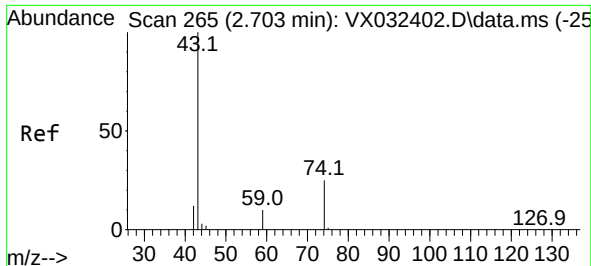
Tgt Ion: 43 Resp: 58372
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.8



#17
Carbon Disulfide
Concen: 2.883 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 76 Resp: 8638
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3





#18

Methyl Acetate

Concen: 1.095 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX032456.D

Acq: 28 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

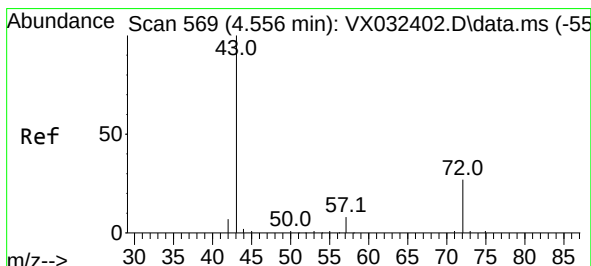
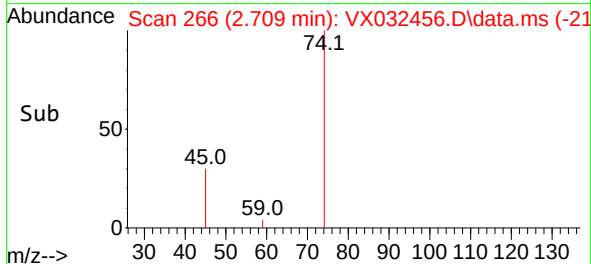
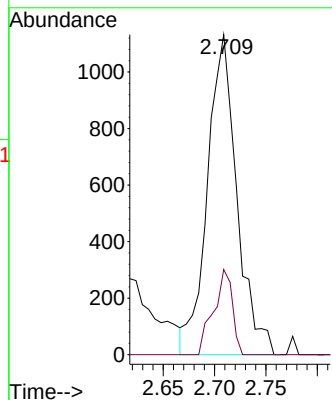
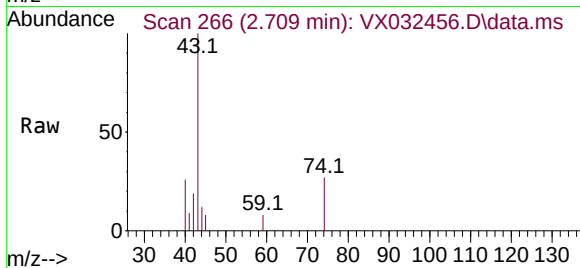
31869

Tgt Ion: 43 Resp: 2255

Ion Ratio Lower Upper

43 100

74 16.9 19.4 29.0#



#25

2-Butanone

Concen: 11.709 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX032456.D

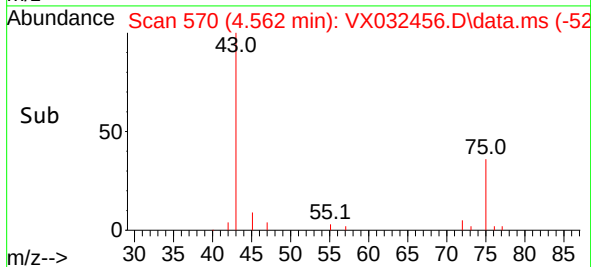
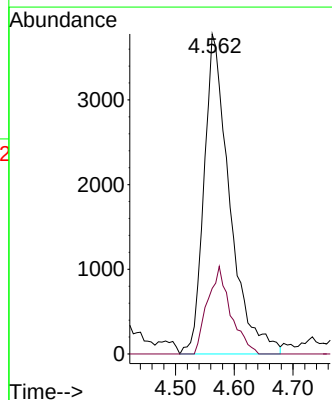
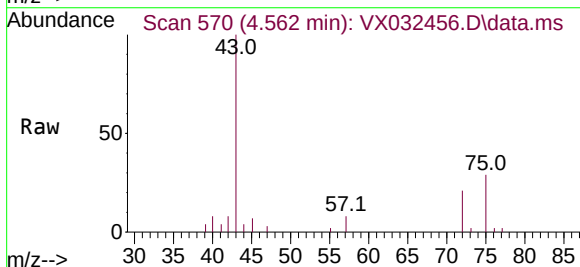
Acq: 28 Oct 2022 13:52

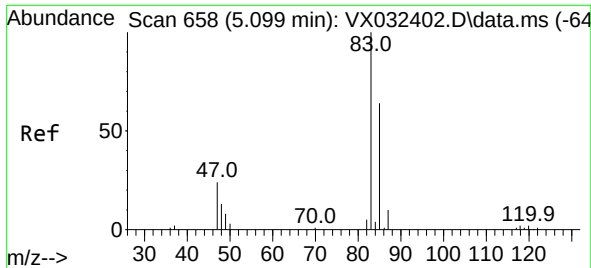
Tgt Ion: 43 Resp: 11492

Ion Ratio Lower Upper

43 100

72 20.5 22.2 33.2#

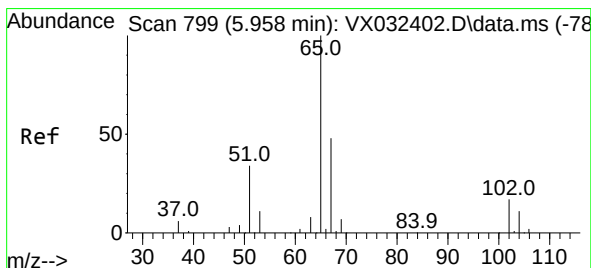
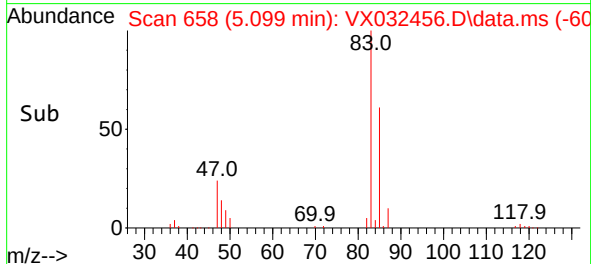
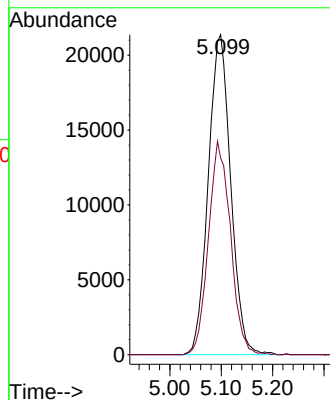
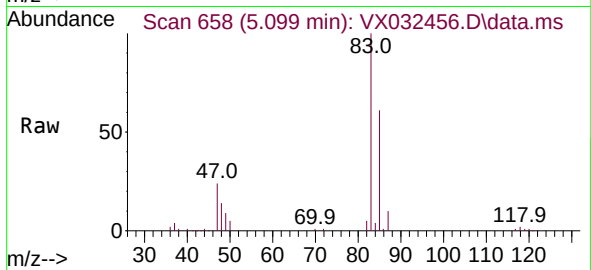




#30
Chloroform
Concen: 23.683 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

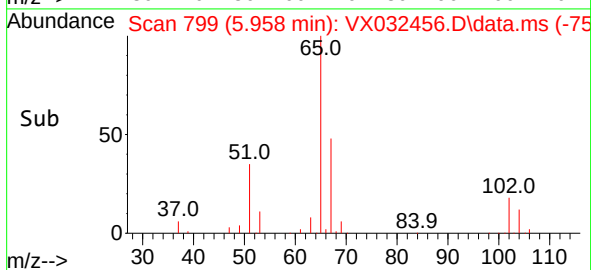
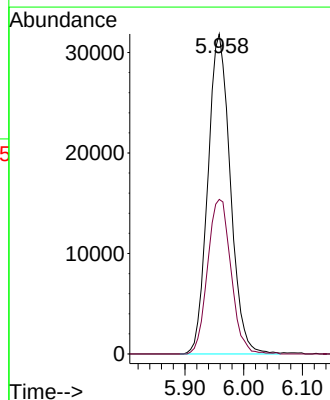
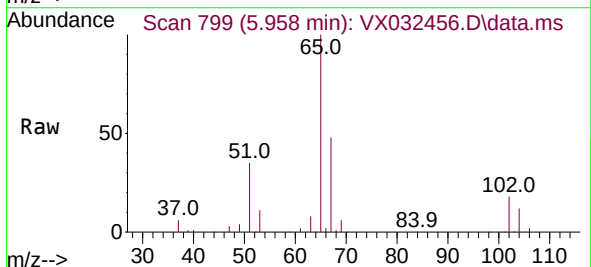
Instrument :
MSVOA_X
ClientSampleId :
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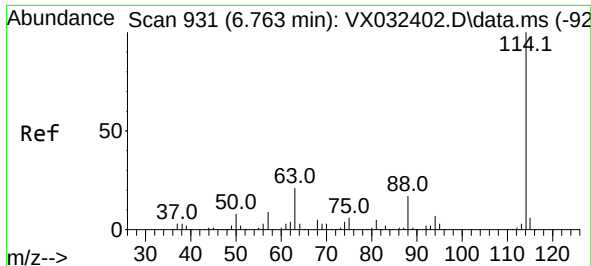
Tgt Ion: 83 Resp: 64836
Ion Ratio Lower Upper
83 100
85 61.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.504 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 65 Resp: 84541
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

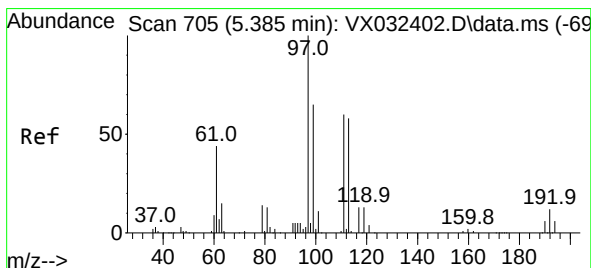
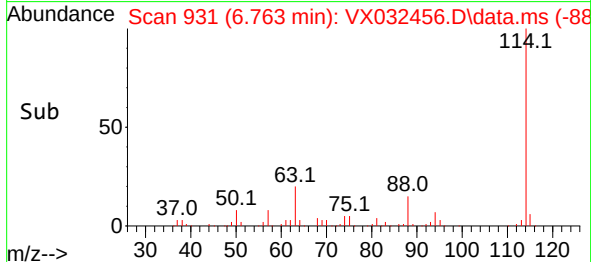
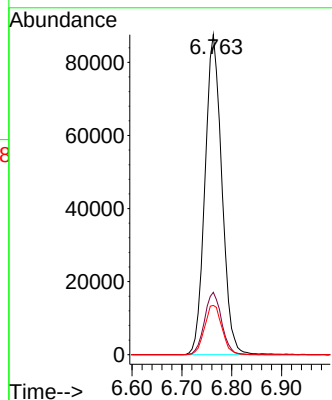
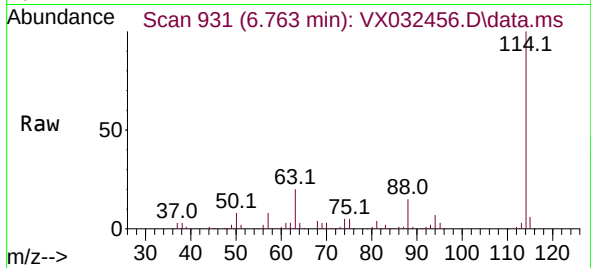




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

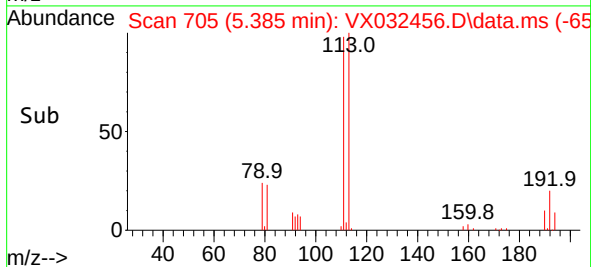
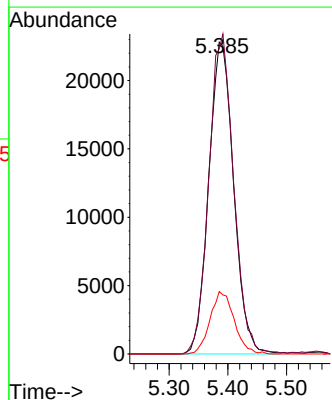
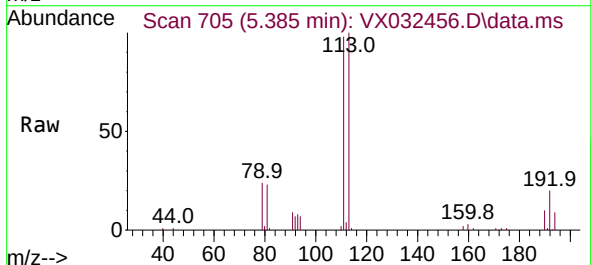
Instrument :
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ClientSampleId :
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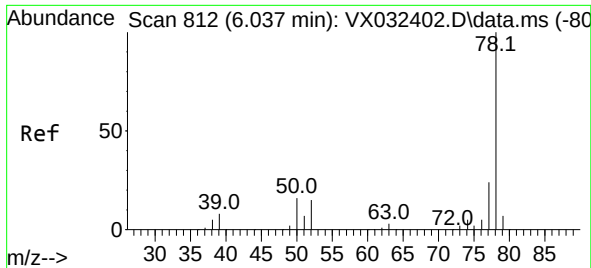
Tgt Ion:114 Resp: 205616
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.830 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion:113 Resp: 67218
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.3 15.4 23.2

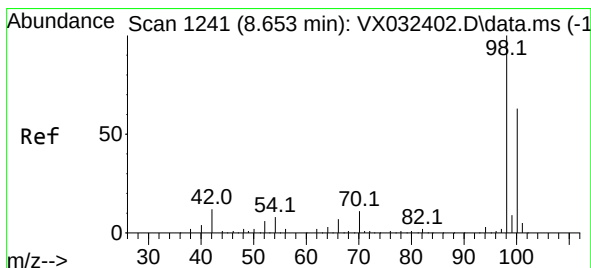
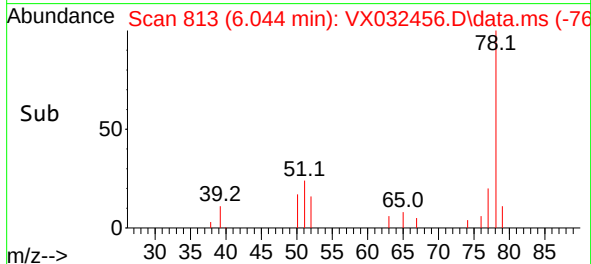
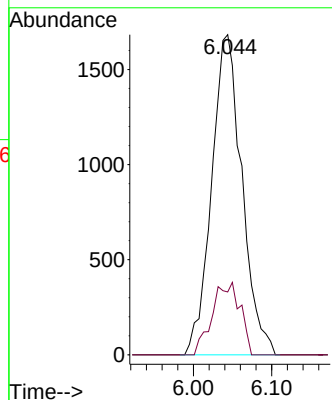
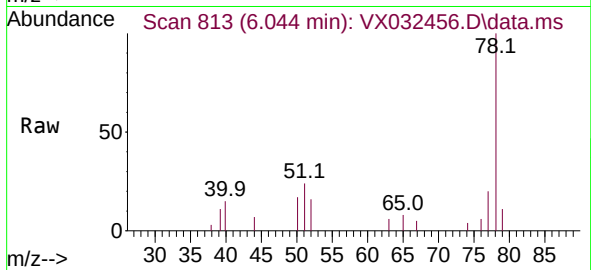




#40
Benzene
Concen: 0.782 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

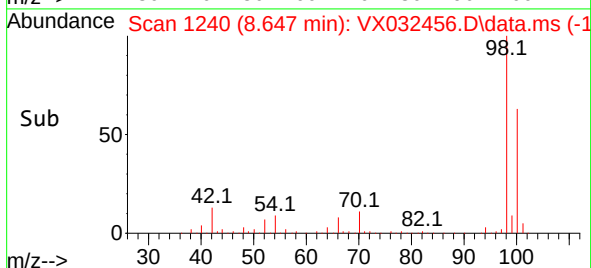
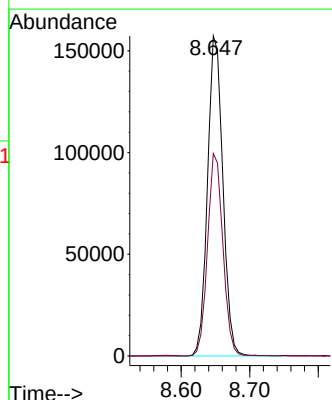
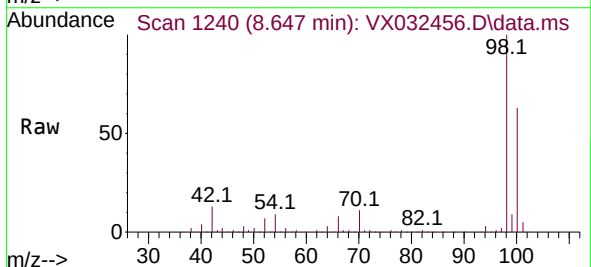
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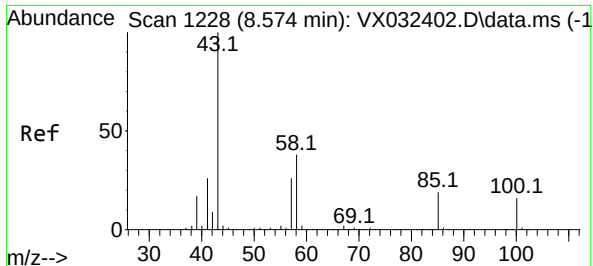
Tgt Ion: 78 Resp: 4522
Ion Ratio Lower Upper
78 100
77 19.6 19.0 28.4



#50
Toluene-d8
Concen: 47.989 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 98 Resp: 244741
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

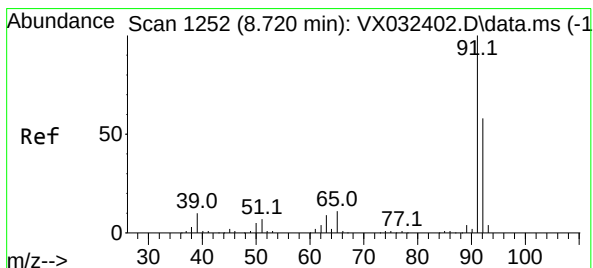
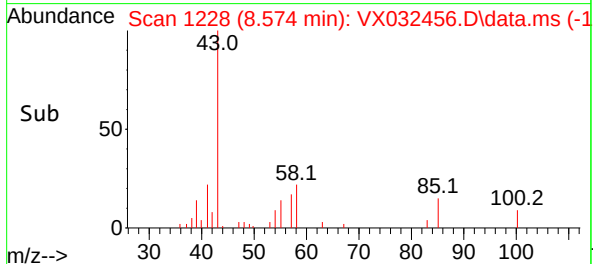
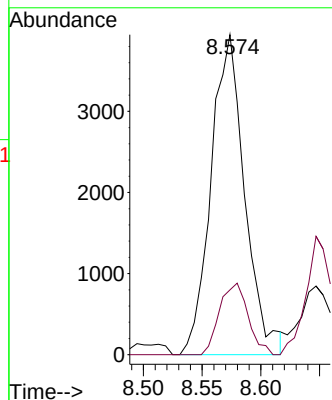
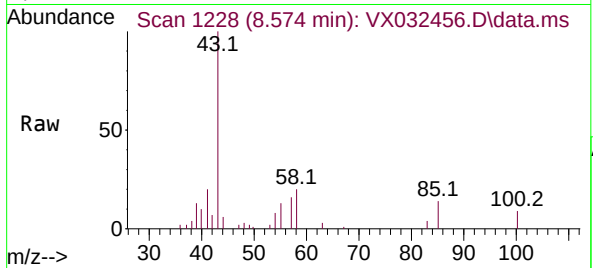




#51
4-Methyl-2-Pentanone
Concen: 3.827 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

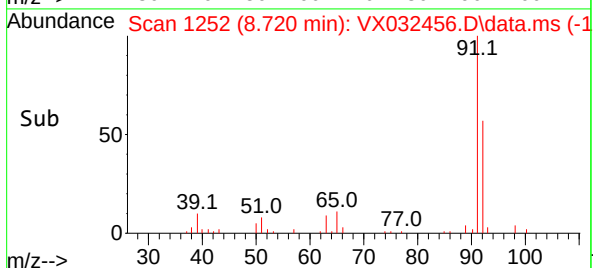
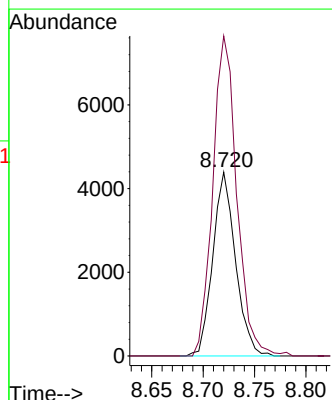
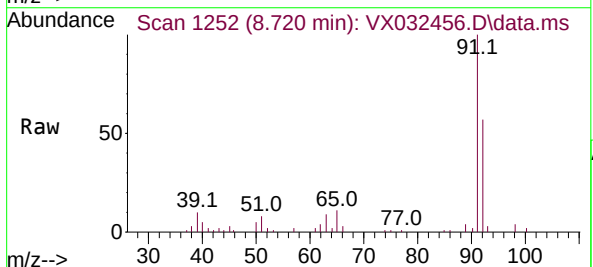
Instrument :
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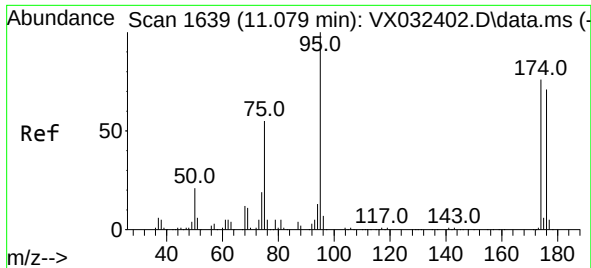
Tgt Ion: 43 Resp: 7868
Ion Ratio Lower Upper
43 100
58 19.0 30.9 46.3#



#52
Toluene
Concen: 1.789 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 92 Resp: 6746
Ion Ratio Lower Upper
92 100
91 184.0 138.3 207.5

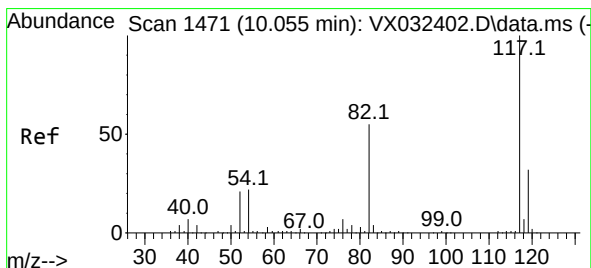
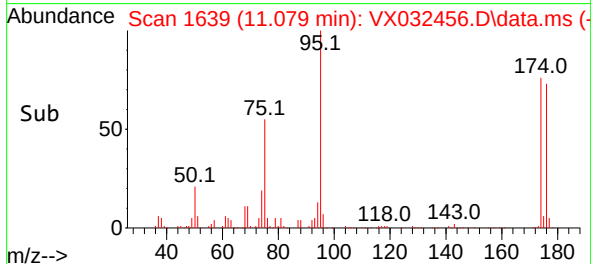
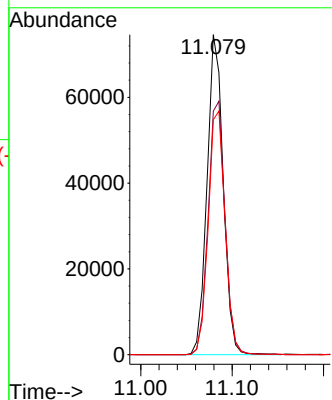
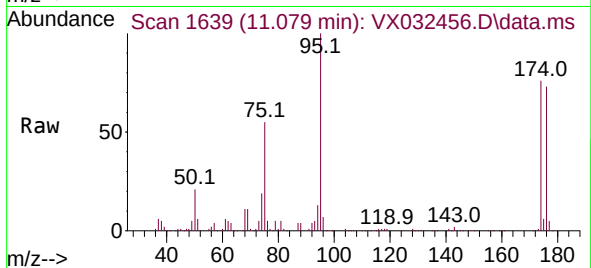




#62
4-Bromofluorobenzene
Concen: 45.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

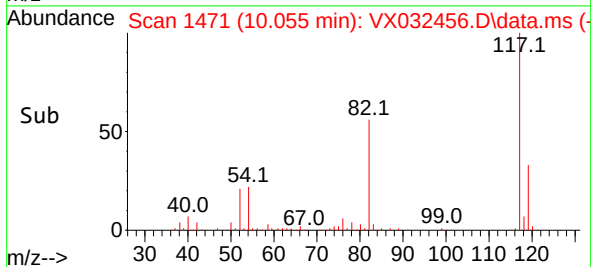
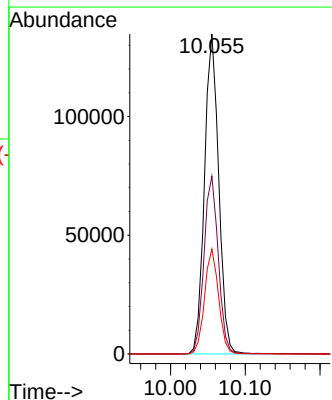
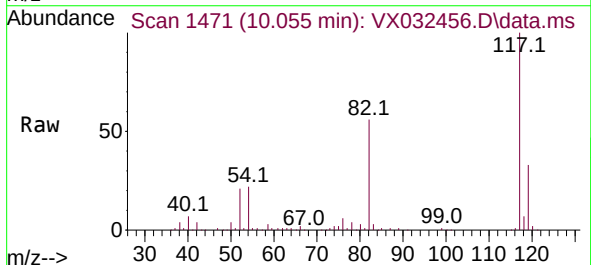
Instrument :
MSVOA_X
ClientSampleId :
31869

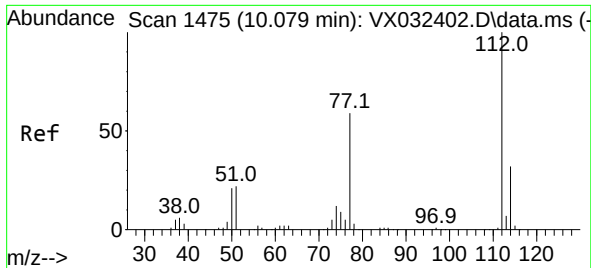
Tgt Ion: 95 Resp: 91432
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 117 Resp: 178190
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.8 25.7 38.5

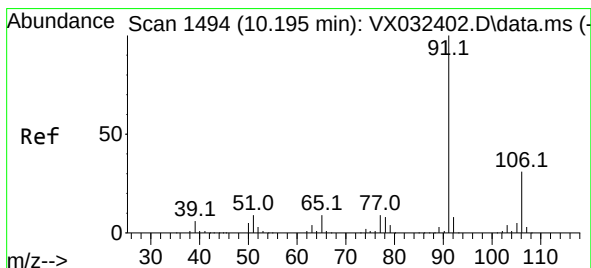
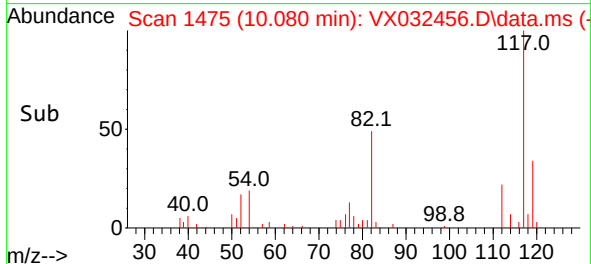
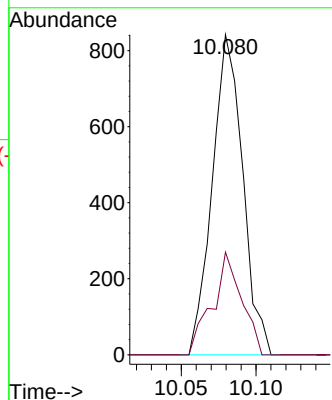
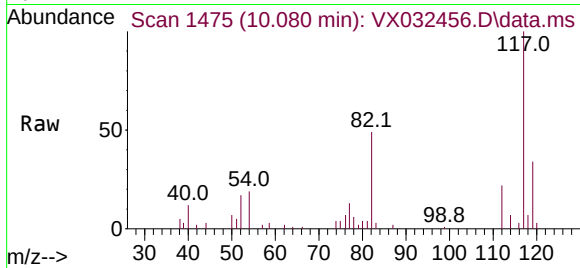




#65
Chlorobenzene
Concen: 0.298 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

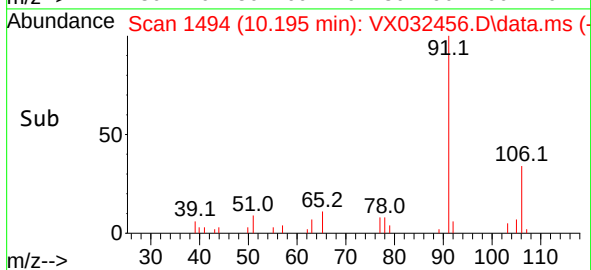
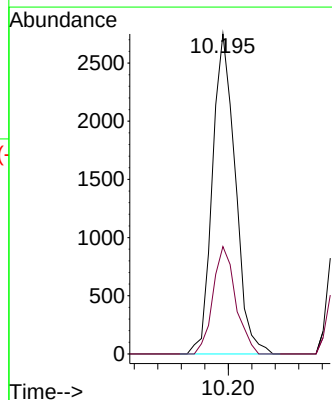
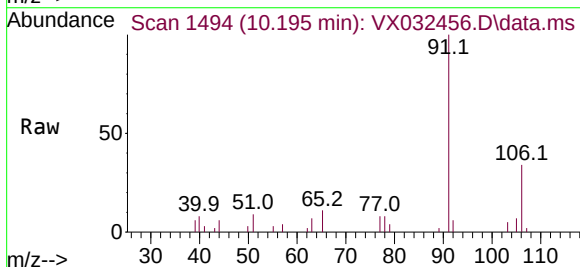
Instrument :
MSVOA_X
ClientSampleId :
31869

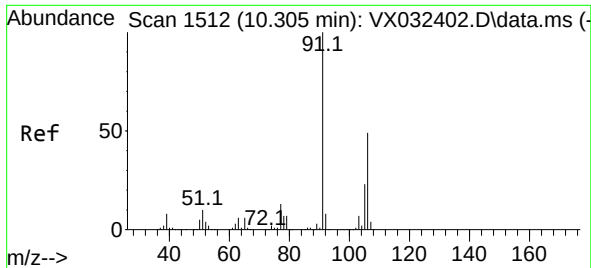
Tgt Ion:112 Resp: 1190
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 0.520 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion: 91 Resp: 3713
Ion Ratio Lower Upper
91 100
106 33.6 25.0 37.6

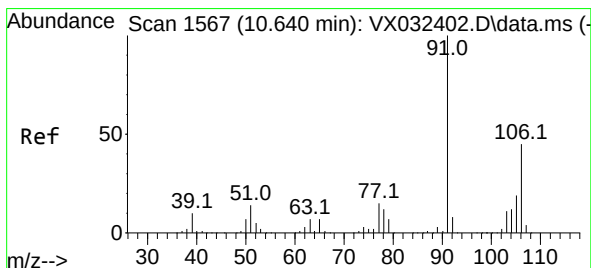
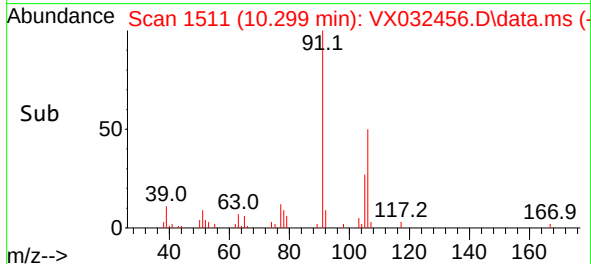
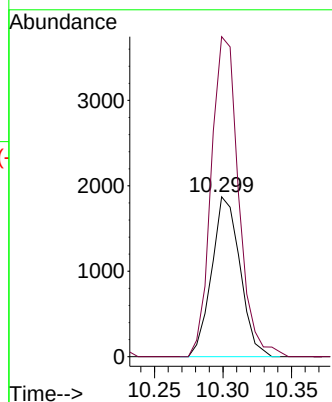
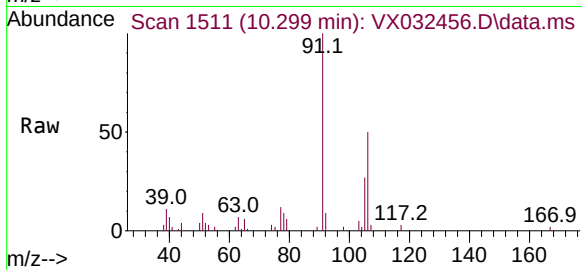




#68
m/p-Xylenes
Concen: 0.971 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

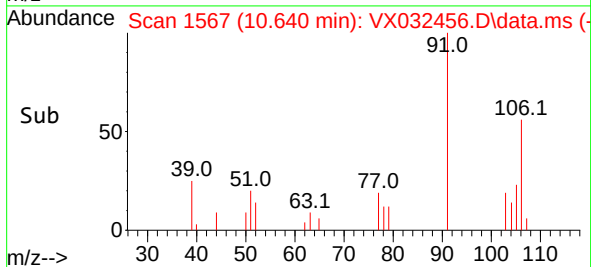
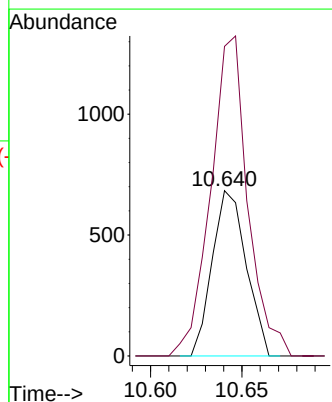
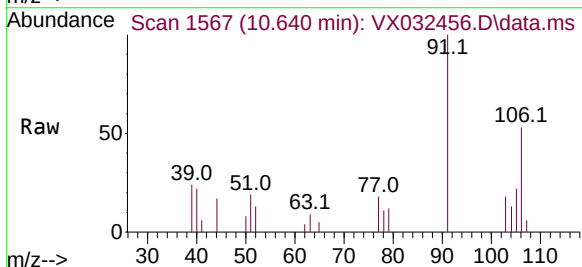
Instrument :
MSVOA_X
ClientSampleId :
31869

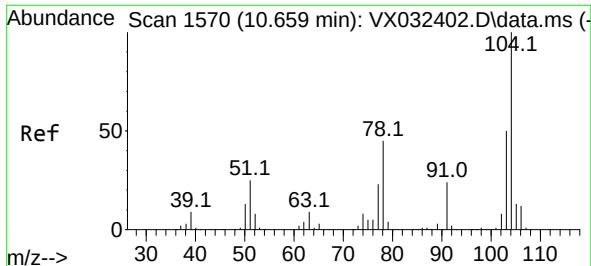
Tgt Ion:106 Resp: 2690
Ion Ratio Lower Upper
106 100
91 193.9 164.5 246.7



#69
o-Xylene
Concen: 0.328 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion:106 Resp: 885
Ion Ratio Lower Upper
106 100
91 211.1 109.2 327.6

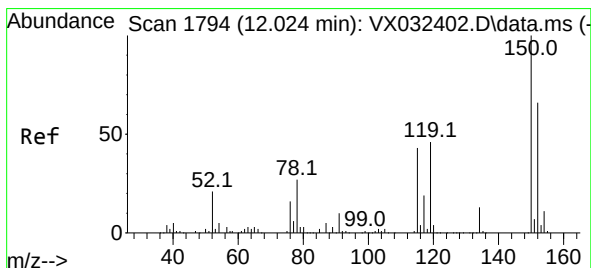
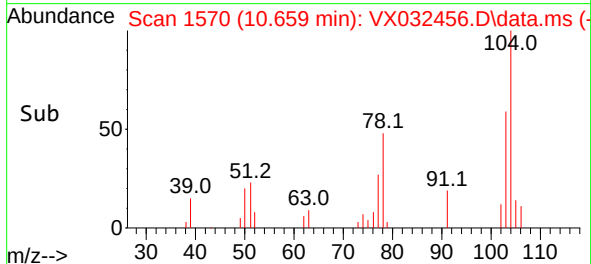
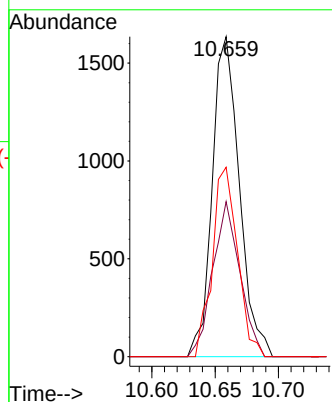
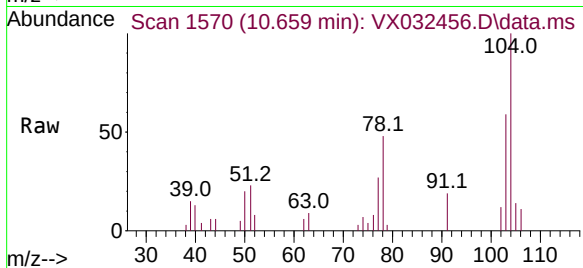




#70
Styrene
Concen: 0.543 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

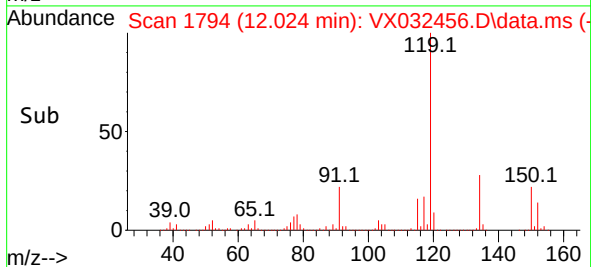
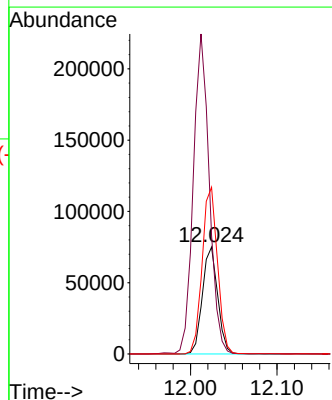
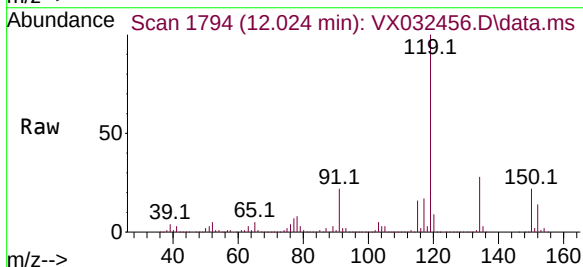
Instrument :
MSVOA_X
ClientSampleId :
31869

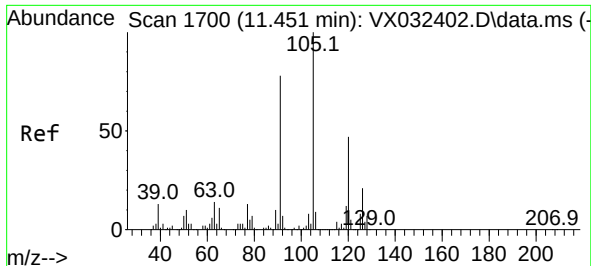
Tgt Ion:104 Resp: 2432
Ion Ratio Lower Upper
104 100
78 48.6 41.8 62.8
103 55.1 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion:152 Resp: 91692
Ion Ratio Lower Upper
152 100
115 315.0 44.0 132.0#
150 157.4 0.0 351.8

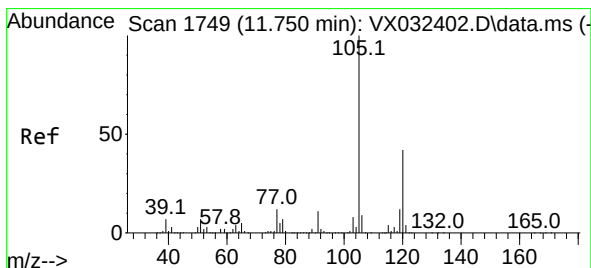
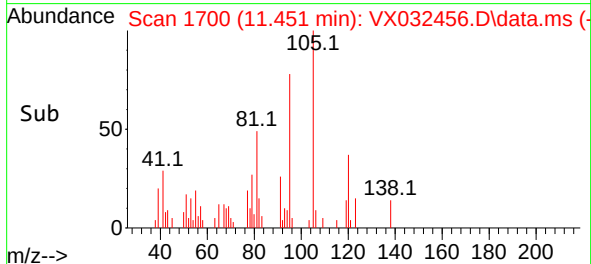
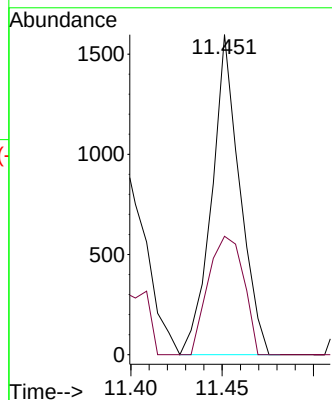
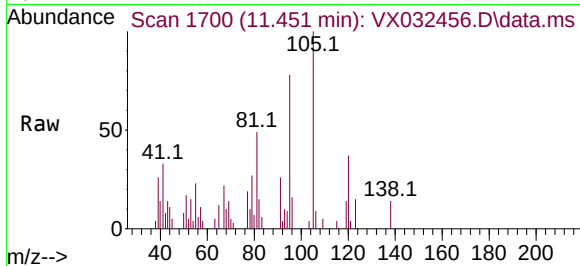




#80
 1,3,5-Trimethylbenzene
 Concen: 0.275 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032456.D
 Acq: 28 Oct 2022 13:52

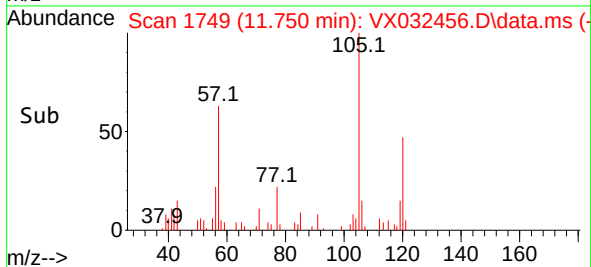
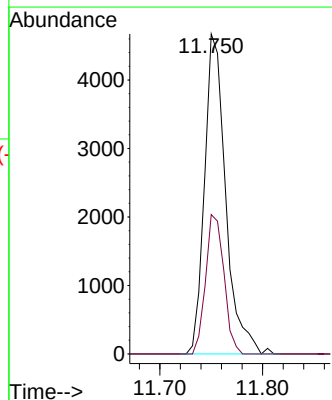
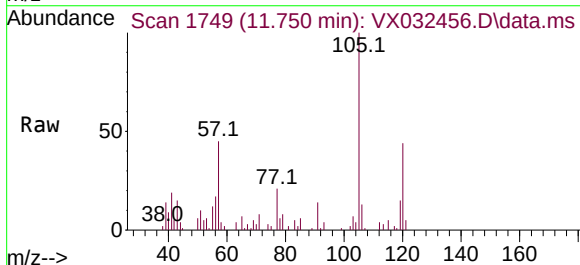
Instrument :
 MSVOA_X
 ClientSampleId :
 31869

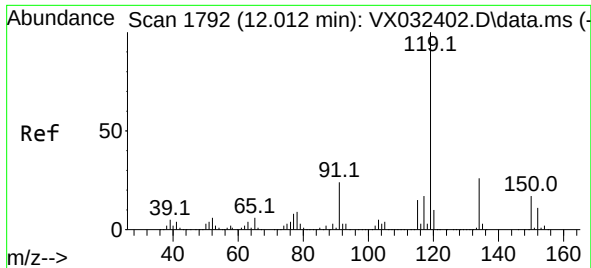
Tgt Ion:105 Resp: 1707
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.086 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032456.D
 Acq: 28 Oct 2022 13:52

Tgt Ion:105 Resp: 6706
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.9 65.5#

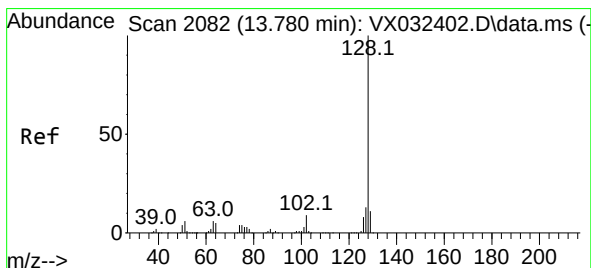
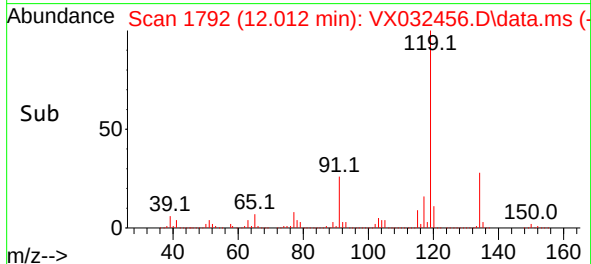
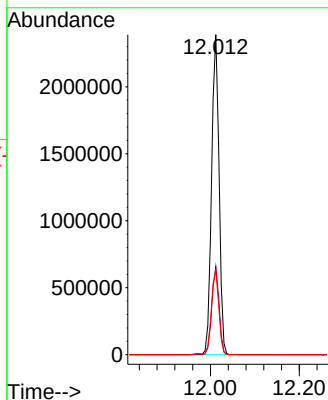
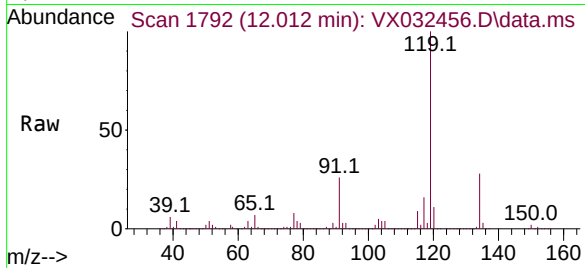




#86
p-Isopropyltoluene
Concen: 439.548 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Instrument :
MSVOA_X
ClientSampleId :
31869

Tgt Ion:119 Resp: 2782336
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.7
91 26.2 12.5 37.5



#95
Naphthalene
Concen: 18.234 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032456.D
Acq: 28 Oct 2022 13:52

Tgt Ion:128 Resp: 131254
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.5 8.9 13.3

