

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035236.D
 Acq On : 21 Apr 2023 17:13
 Operator : JC/MD
 Sample : 02403-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Apr 22 01:06:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

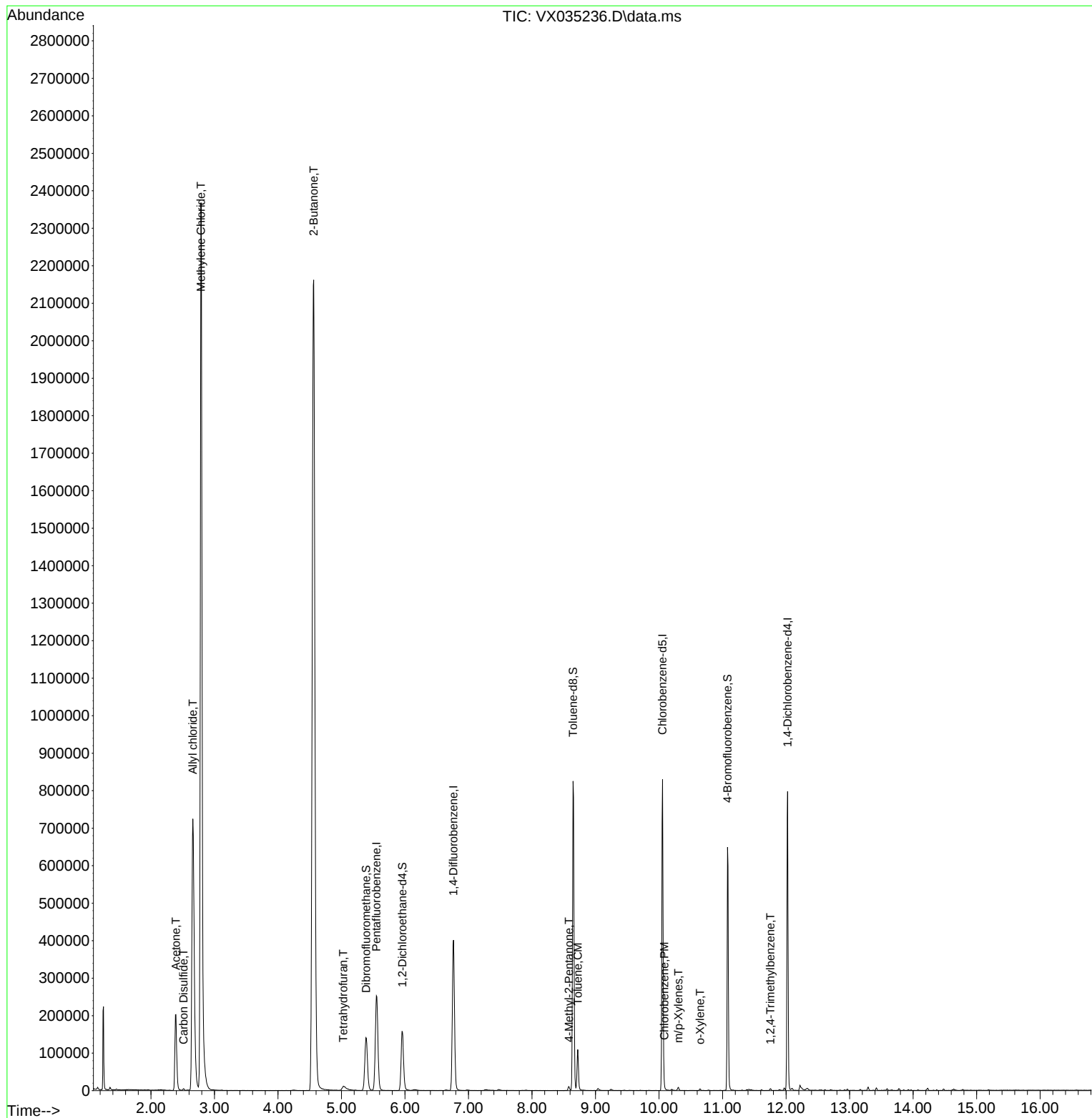
Internal Standards						
1) Pentafluorobenzene	5.549	168	247705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153248	40.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.900%
35) Dibromofluoromethane	5.385	113	127343	46.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.646	98	493254	48.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	179252	45.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.660	41	1003530	201.432	ug/l #	42
16) Acetone	2.391	43	259125	168.380	ug/l	99
17) Carbon Disulfide	2.513	76	5186	0.814	ug/l	100
20) Methylene Chloride	2.788	84	1165595	383.822	ug/l	97
25) 2-Butanone	4.562	43	4019016	1795.343	ug/l	95
29) Tetrahydrofuran	5.025	42	7927	5.653	ug/l	93
51) 4-Methyl-2-Pentanone	8.579	43	7164	1.693	ug/l	100
52) Toluene	8.720	92	41570	5.433	ug/l	98
65) Chlorobenzene	10.085	112	1820	0.232	ug/l	95
68) m/p-Xylenes	10.305	106	2093	0.386	ug/l	100
69) o-Xylene	10.646	106	1261	0.237	ug/l	75
84) 1,2,4-Trimethylbenzene	11.756	105	2304	0.221	ug/l	95

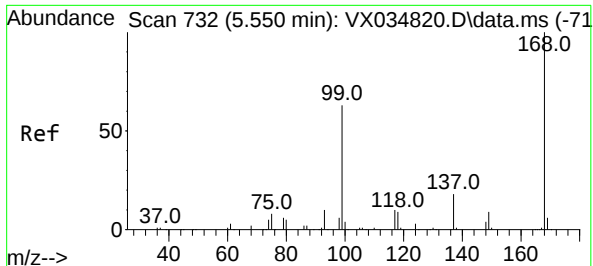
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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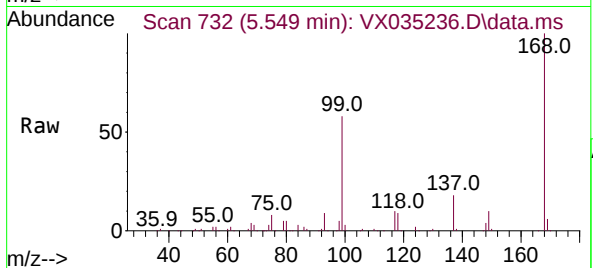
Quant Time: Apr 22 01:06:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



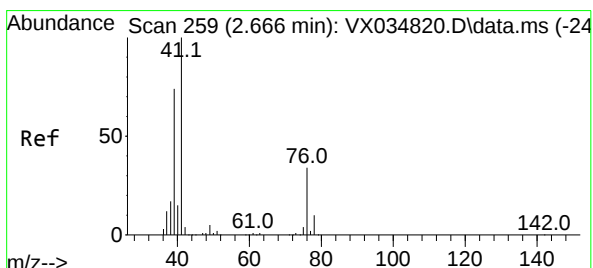
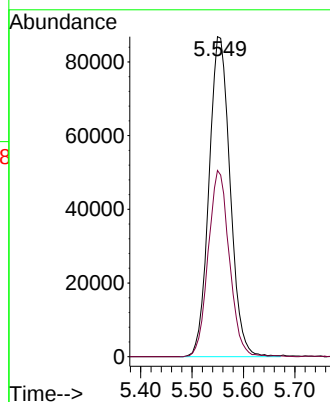
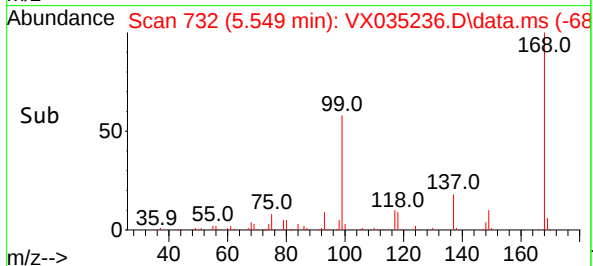


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

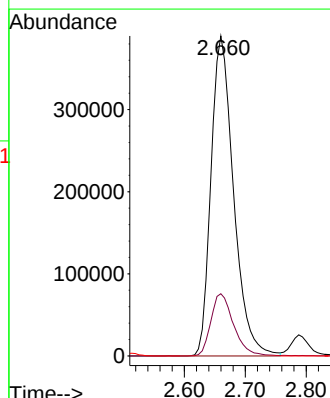
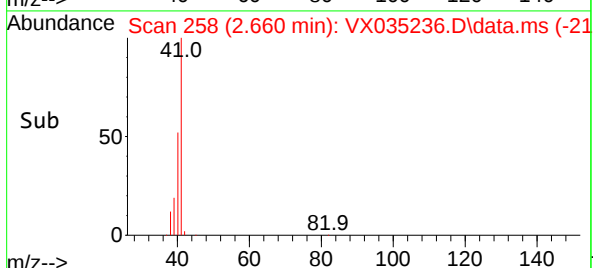
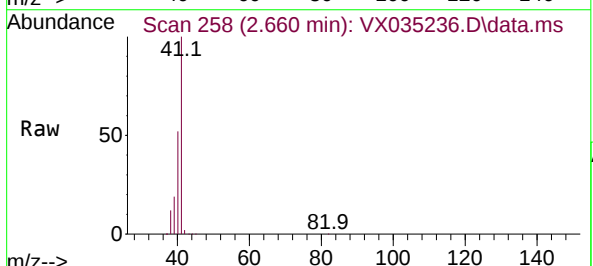


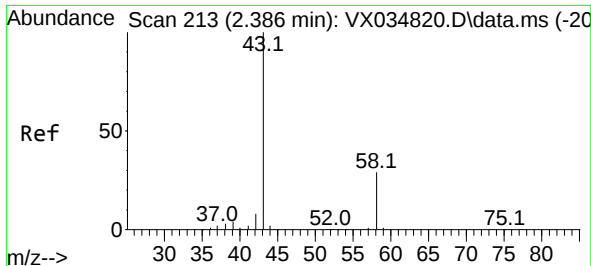
Tgt Ion:168 Resp: 247705
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#14
Allyl chloride
Concen: 201.432 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion: 41 Resp: 1003530
Ion Ratio Lower Upper
41 100
39 19.6 52.4 78.6#
76 0.0 26.0 39.0#

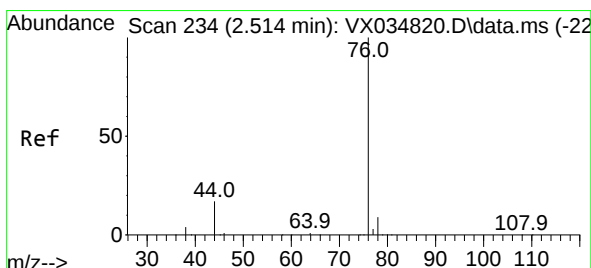
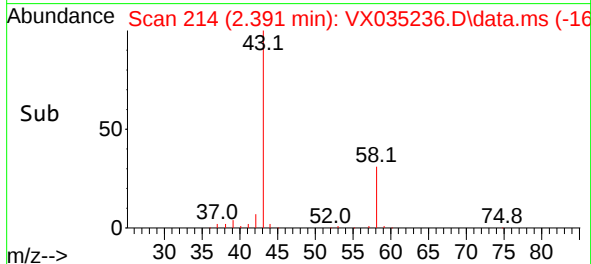
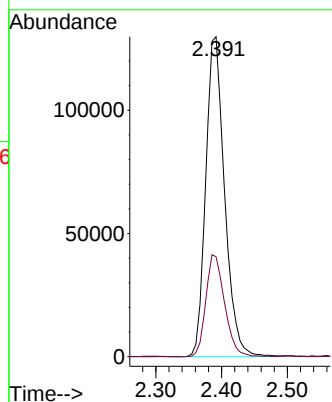
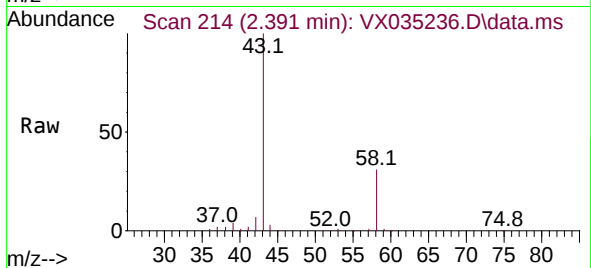




#16
Acetone
Concen: 168.380 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

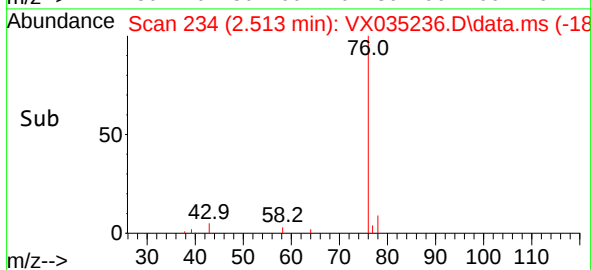
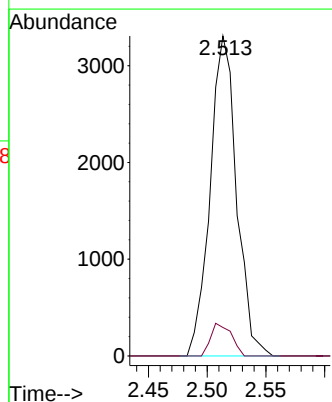
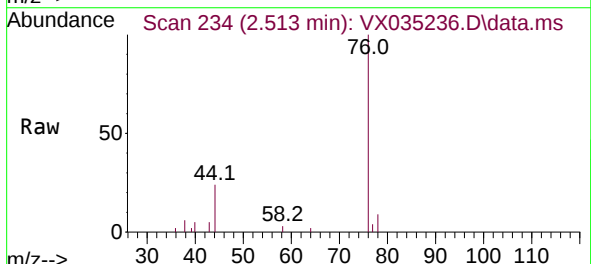
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

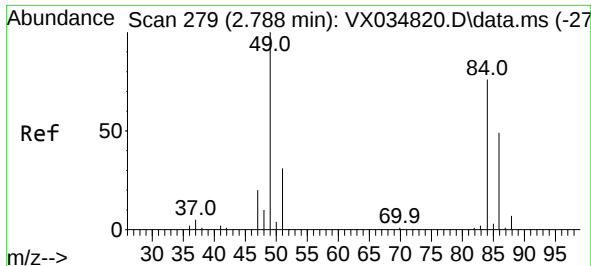
Tgt Ion: 43 Resp: 259125
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1



#17
Carbon Disulfide
Concen: 0.814 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

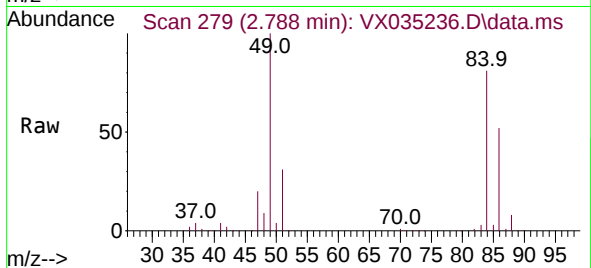
Tgt Ion: 76 Resp: 5186
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





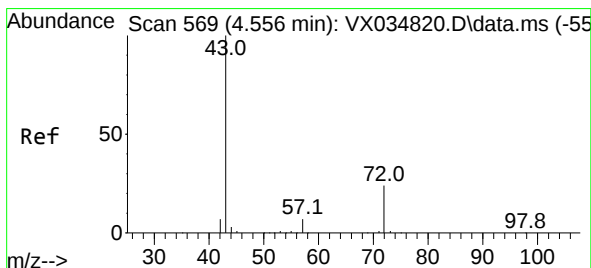
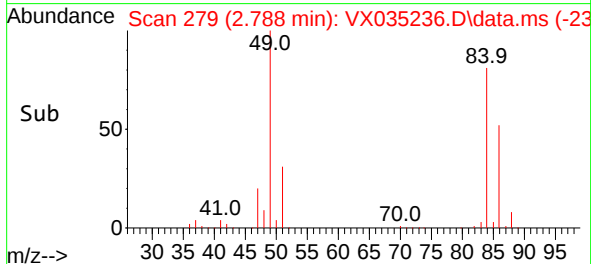
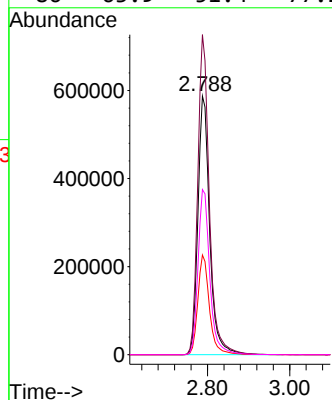
#20
Methylene Chloride
Concen: 383.822 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-3



Tgt Ion: 84 Resp: 1165595

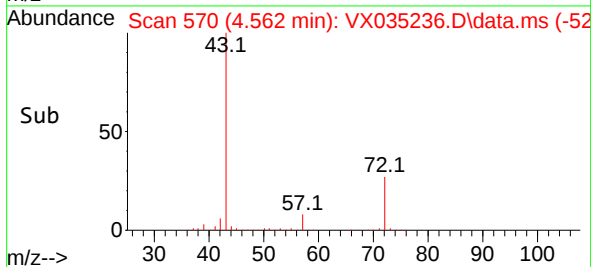
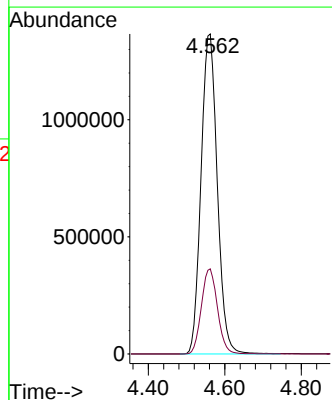
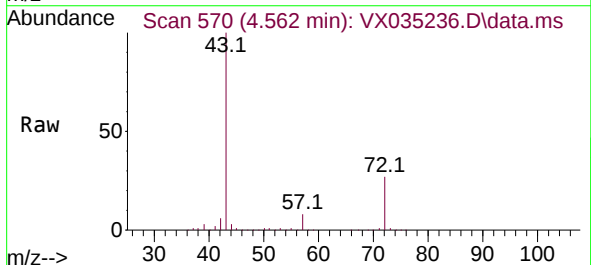
Ion	Ratio	Lower	Upper
84	100		
49	123.8	103.8	155.8
51	38.6	31.8	47.8
86	63.9	51.4	77.2

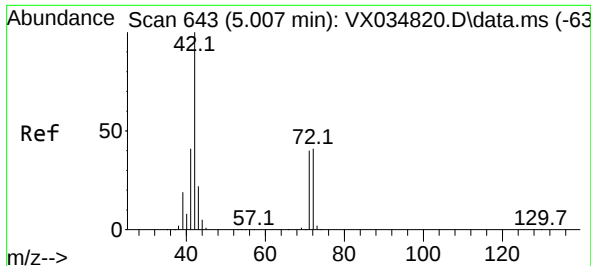


#25
2-Butanone
Concen: 1795.343 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion: 43 Resp: 4019016

Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.3	28.9





#29

Tetrahydrofuran

Concen: 5.653 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX035236.D

Acq: 21 Apr 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

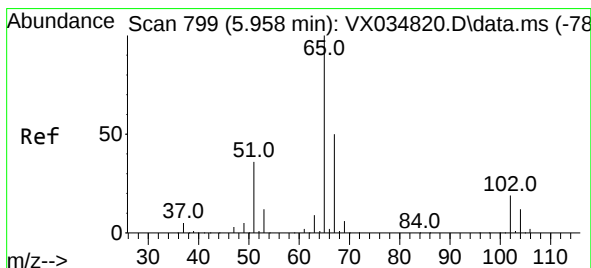
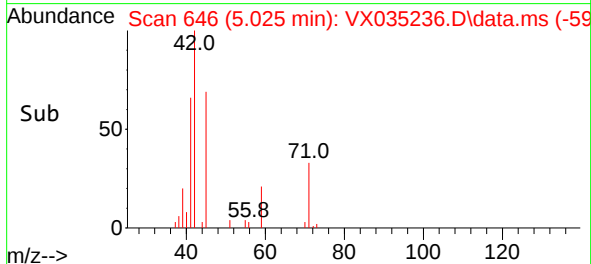
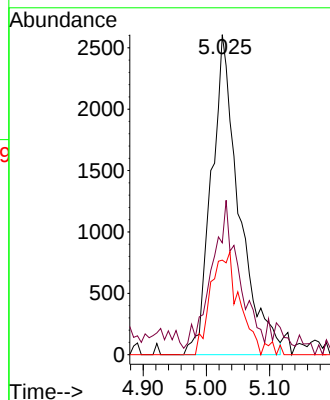
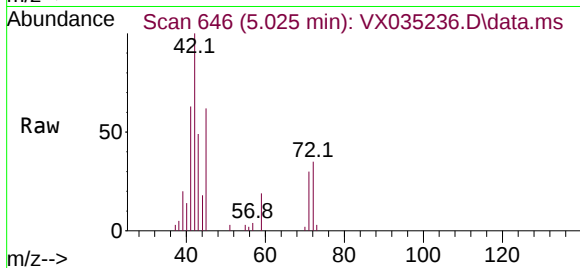
Tgt Ion: 42 Resp: 7927

Ion Ratio Lower Upper

42 100

72 45.3 34.5 51.7

71 32.8 32.1 48.1



#33

1,2-Dichloroethane-d4

Concen: 40.453 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035236.D

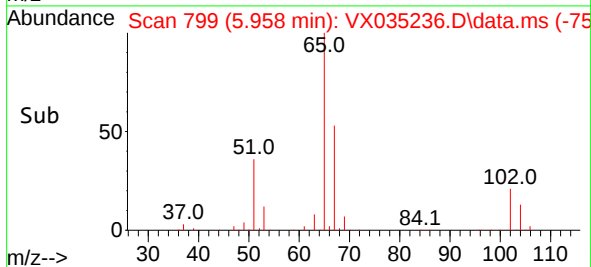
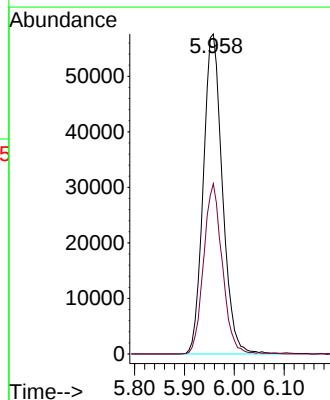
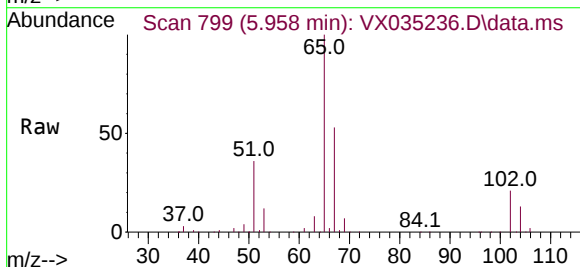
Acq: 21 Apr 2023 17:13

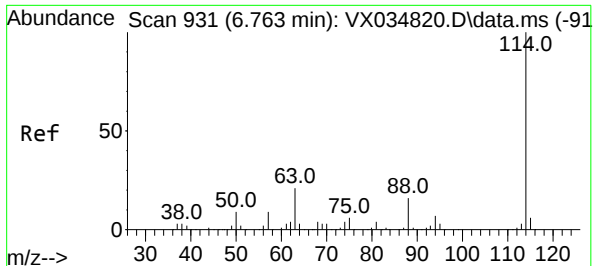
Tgt Ion: 65 Resp: 153248

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0

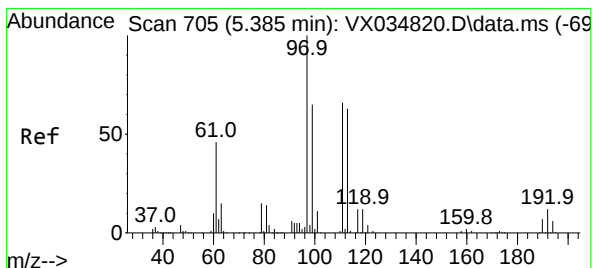
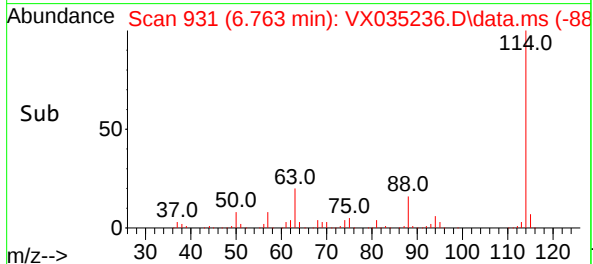
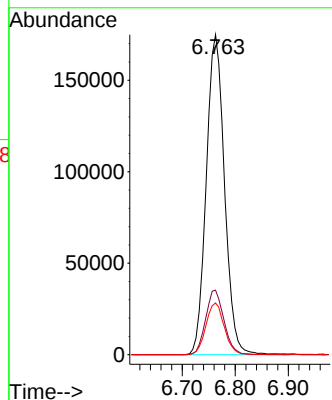
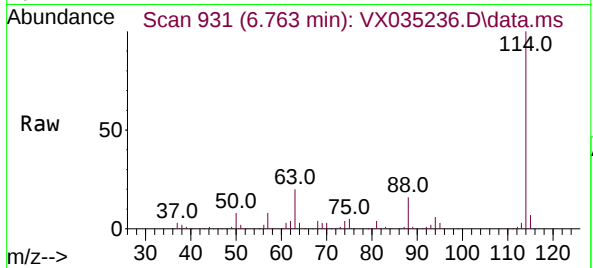




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

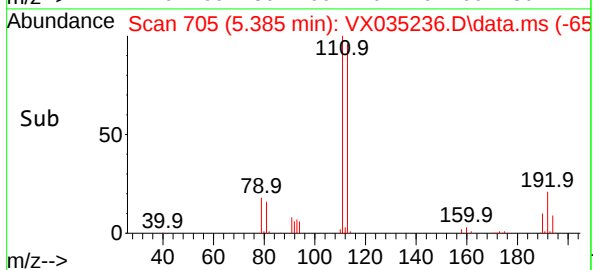
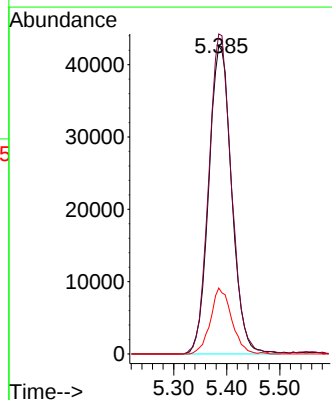
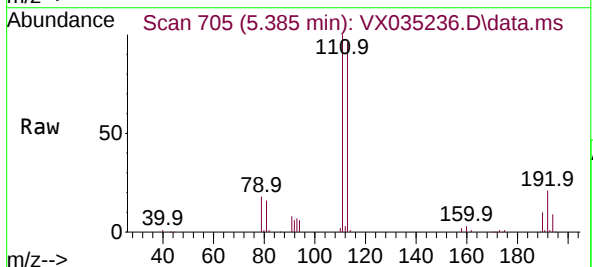
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

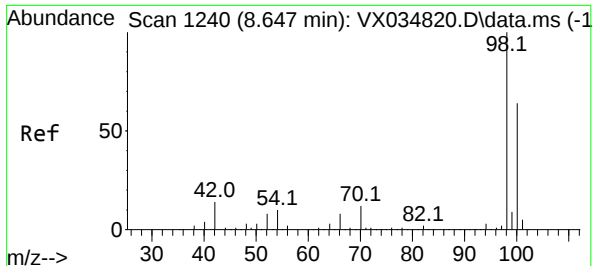
Tgt Ion:114 Resp: 417175
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion:113 Resp: 127343
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.8 15.4 23.2

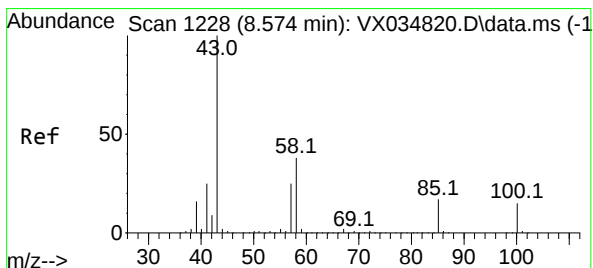
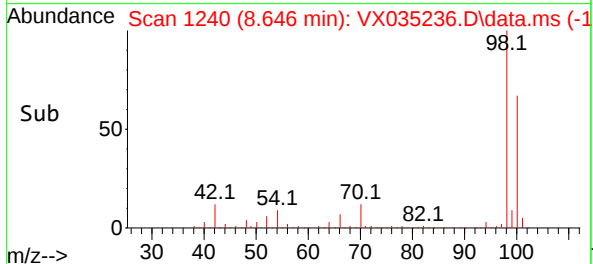
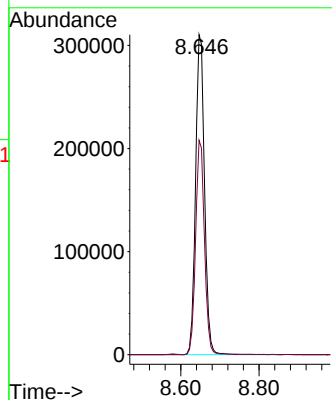
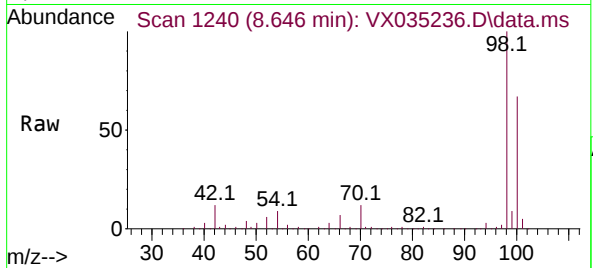




#50
Toluene-d8
Concen: 48.431 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

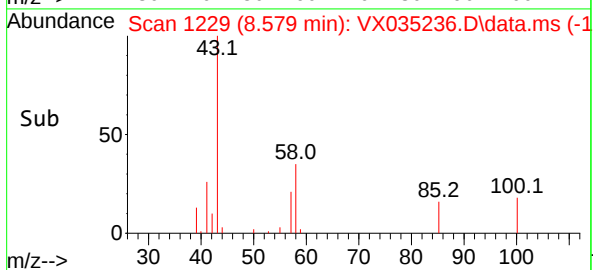
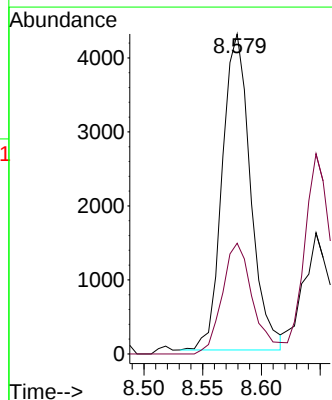
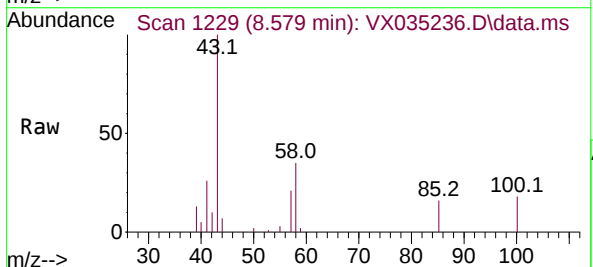
Instrument :
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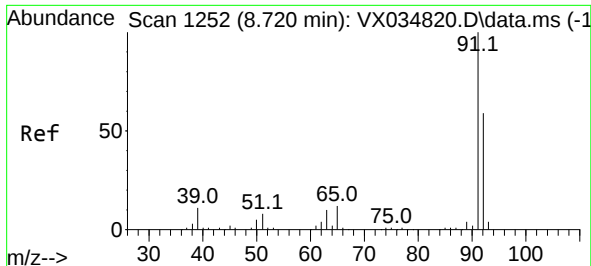
Tgt Ion: 98 Resp: 493254
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.693 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion: 43 Resp: 7164
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0

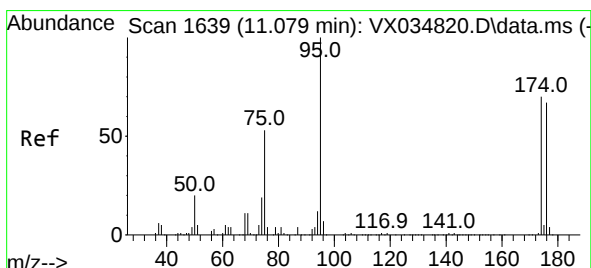
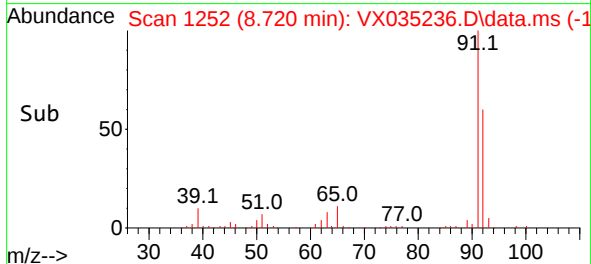
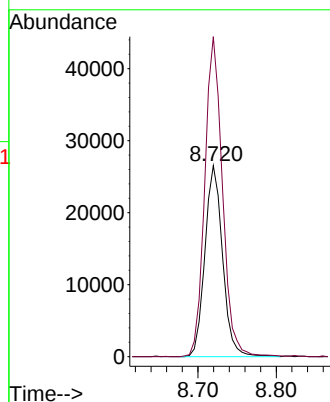
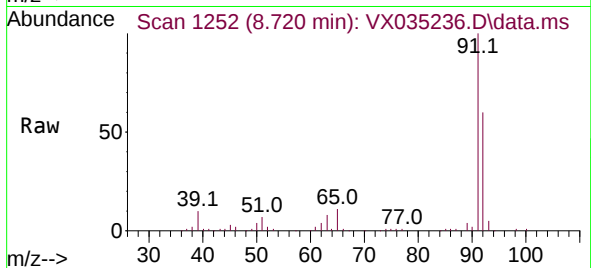




#52
Toluene
Concen: 5.433 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

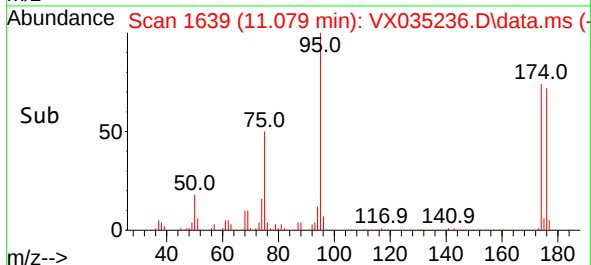
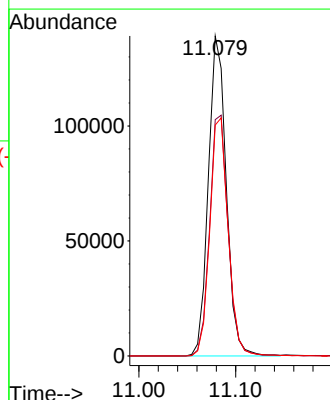
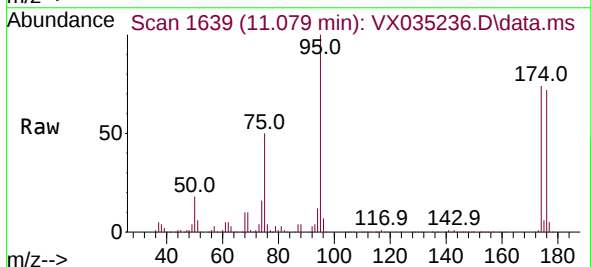
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

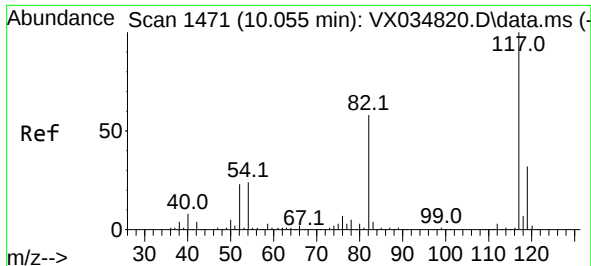
Tgt Ion: 92 Resp: 41570
Ion Ratio Lower Upper
92 100
91 167.7 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion: 95 Resp: 179252
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.4
176 76.0 0.0 140.6

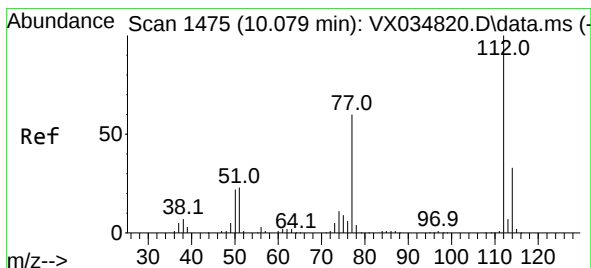
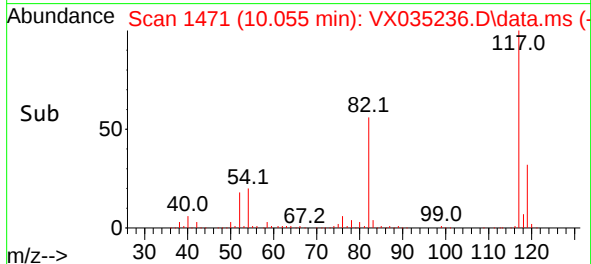
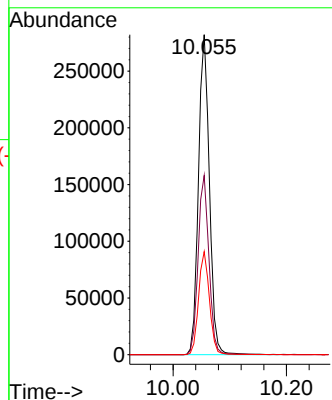
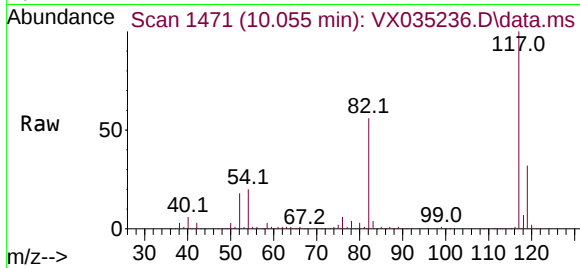




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

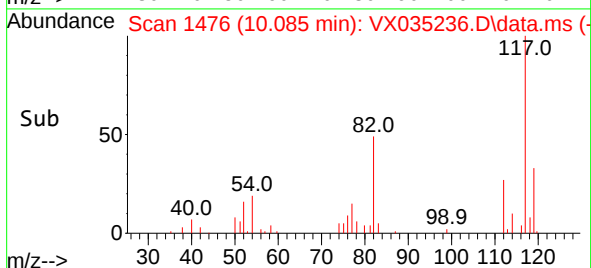
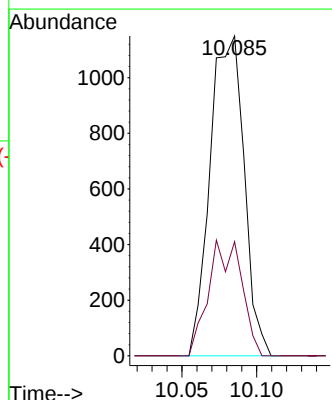
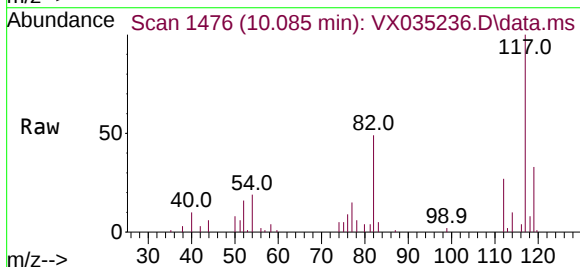
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

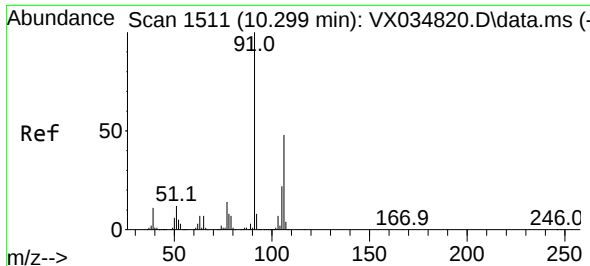
Tgt Ion:117 Resp: 376926
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.2 26.0 39.0



#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion:112 Resp: 1820
Ion Ratio Lower Upper
112 100
114 35.7 26.2 39.2

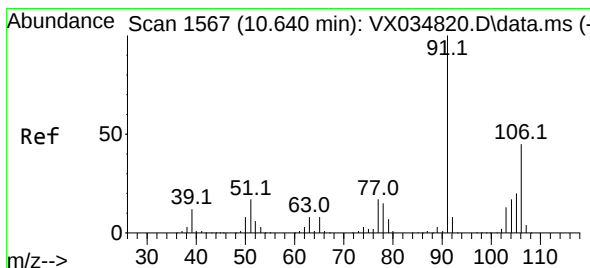
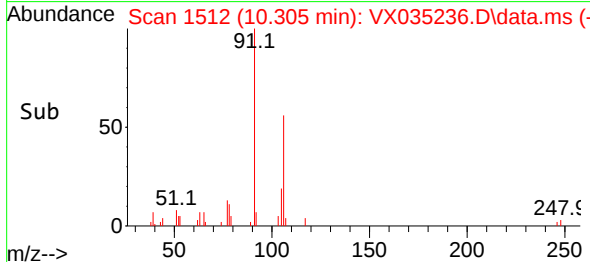
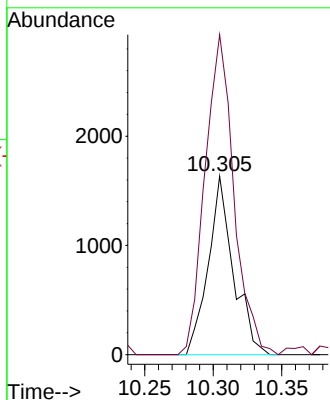
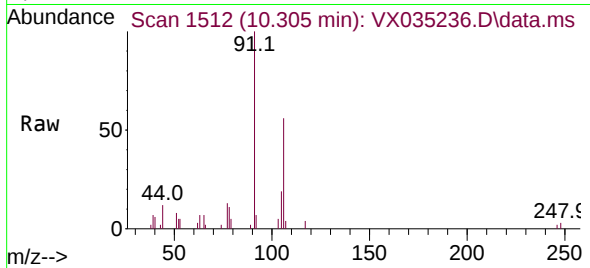




#68
m/p-Xylenes
Concen: 0.386 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

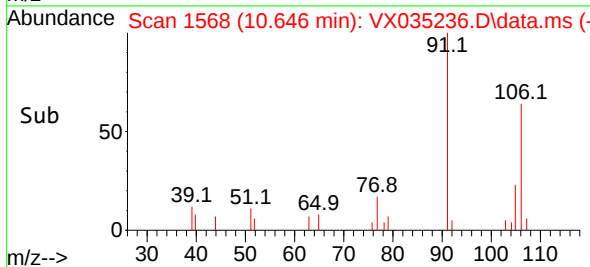
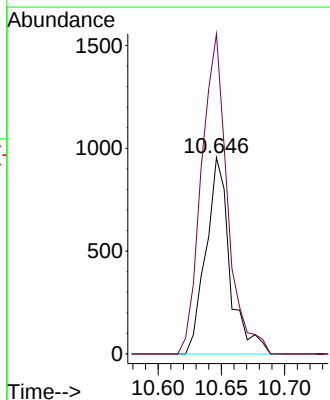
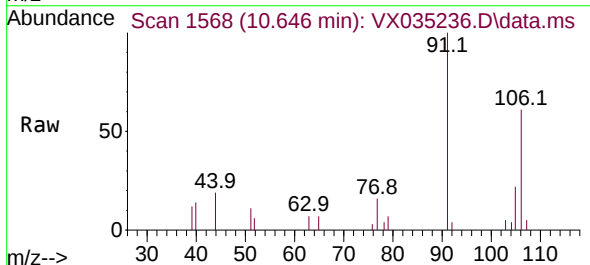
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

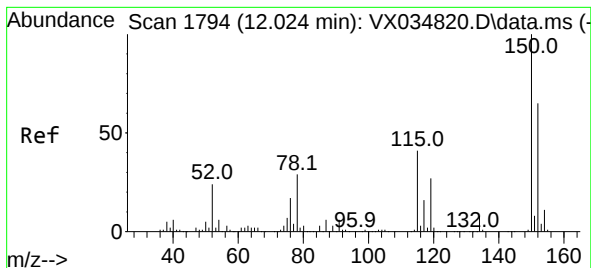
Tgt Ion:106 Resp: 2093
Ion Ratio Lower Upper
106 100
91 205.6 164.0 246.0



#69
o-Xylene
Concen: 0.237 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX035236.D
Acq: 21 Apr 2023 17:13

Tgt Ion:106 Resp: 1261
Ion Ratio Lower Upper
106 100
91 176.6 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035236.D

Acq: 21 Apr 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

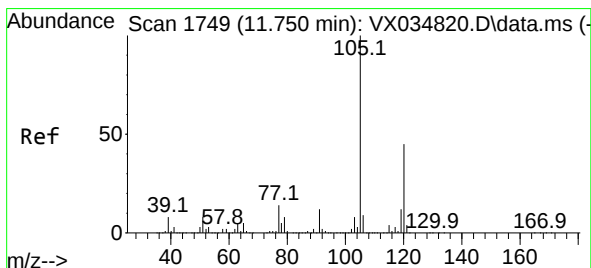
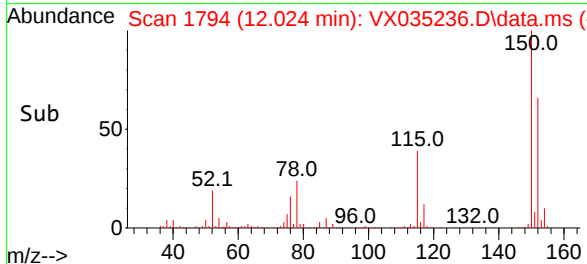
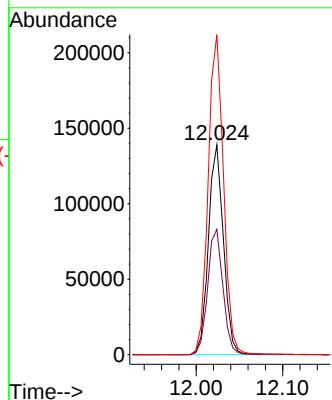
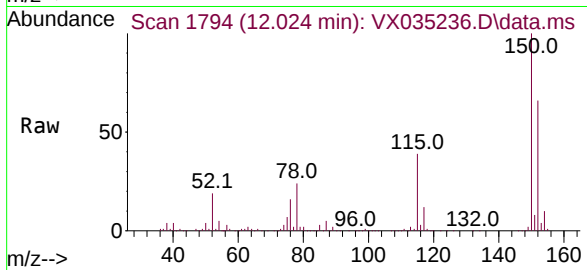
Tgt Ion:152 Resp: 167689

Ion Ratio Lower Upper

152 100

115 60.7 45.0 135.0

150 155.6 0.0 352.4



#84

1,2,4-Trimethylbenzene

Concen: 0.221 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX035236.D

Acq: 21 Apr 2023 17:13

Tgt Ion:105 Resp: 2304

Ion Ratio Lower Upper

105 100

120 41.3 22.4 67.0

