

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036990.D
 Acq On : 15 Aug 2023 16:08
 Operator : JC/MD
 Sample : 03989-02ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP24A

Quant Time: Aug 15 16:53:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

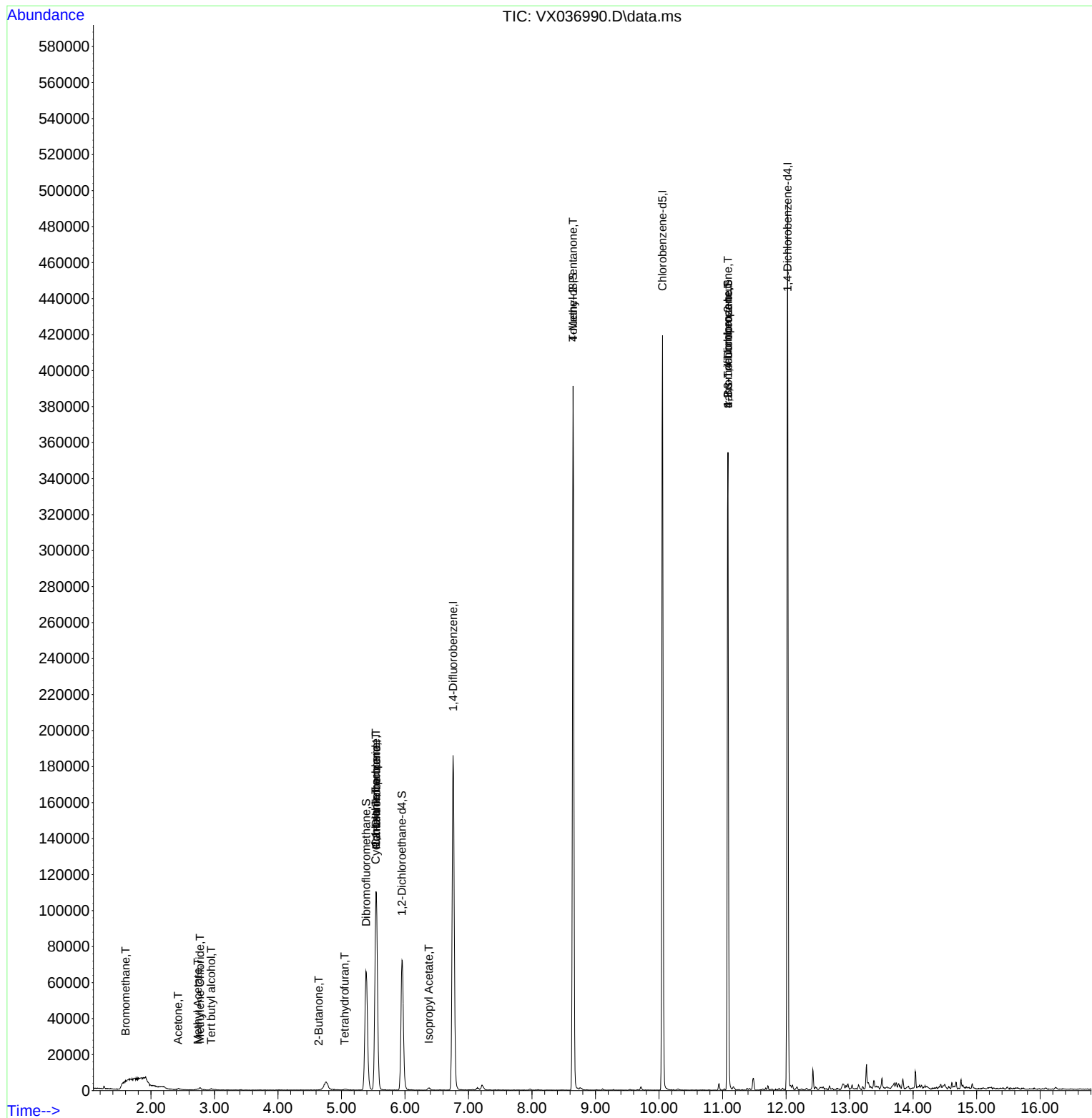
Internal Standards						
1) Pentafluorobenzene	5.550	168	103592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73138	47.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.440%		
35) Dibromofluoromethane	5.385	113	59062	44.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.620%		
50) Toluene-d8	8.647	98	230115	49.231	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.085	95	98794	56.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.040%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	236	0.312	ug/l	88
11) Tert butyl alcohol	2.947	59	540	1.488	ug/l #	78
16) Acetone	2.428	43	1047	1.646	ug/l #	47
18) Methyl Acetate	2.739	43	741	0.277	ug/l #	53
20) Methylene Chloride	2.770	84	804	0.568	ug/l #	83
25) 2-Butanone	4.641	43	259	0.251	ug/l #	51
29) Tetrahydrofuran	5.050	42	436	0.655	ug/l #	58
31) Cyclohexane	5.538	56	2387	1.125	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	8644	4.400	ug/l #	51
38) Carbon Tetrachloride	5.544	117	11129	5.328	ug/l #	15
43) Isopropyl Acetate	6.373	43	772	0.202	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1028	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51628	22.536	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51628	51.079	ug/l #	5

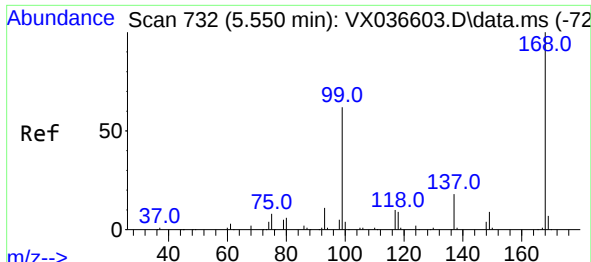
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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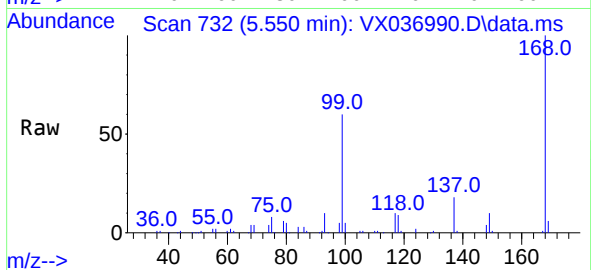
Quant Time: Aug 15 16:53:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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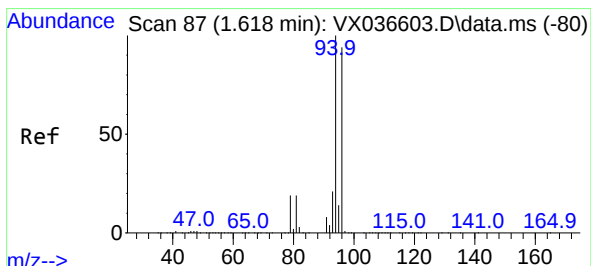
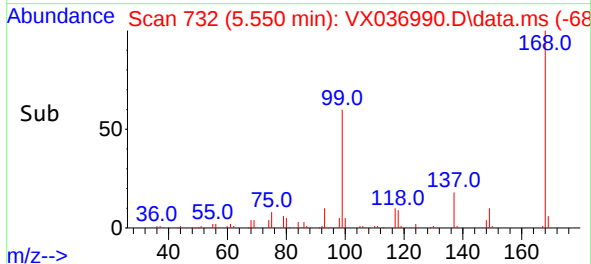
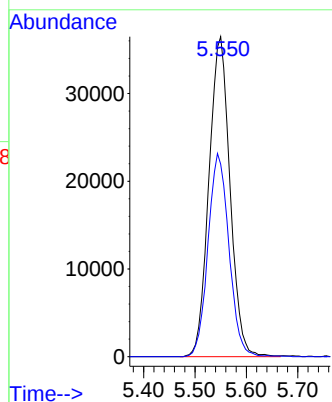


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

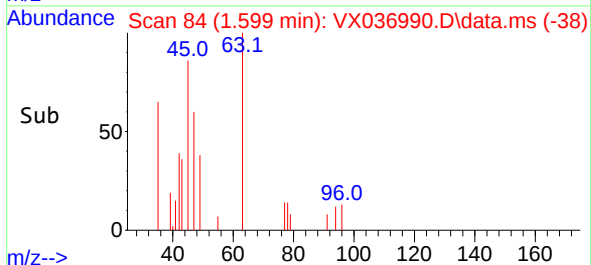
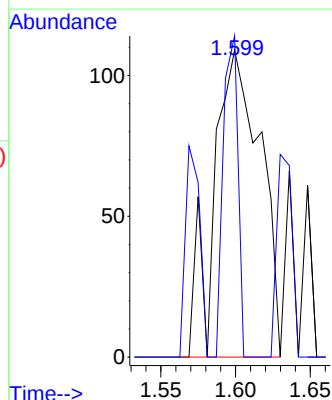
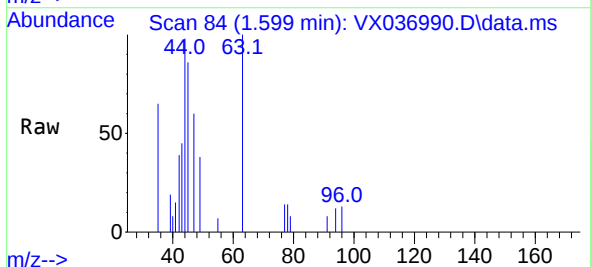


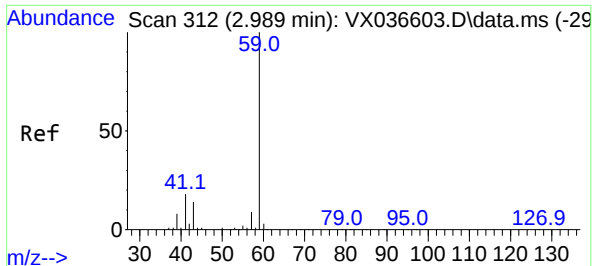
Tgt Ion:168 Resp: 103592
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 104.6 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.488 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX036990.D

Acq: 15 Aug 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

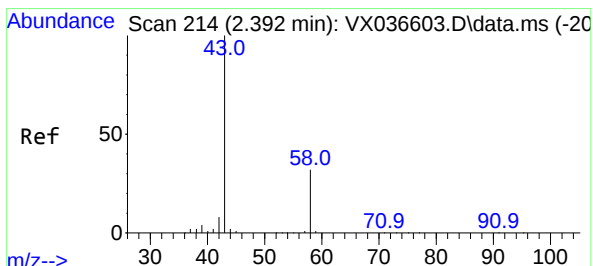
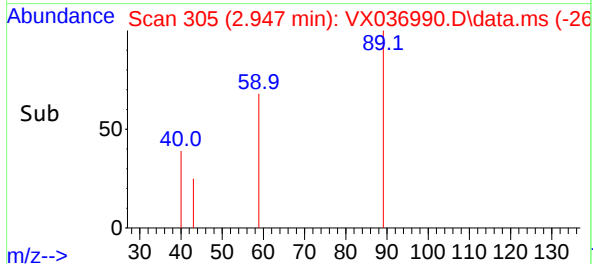
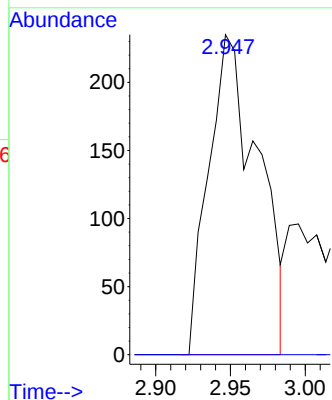
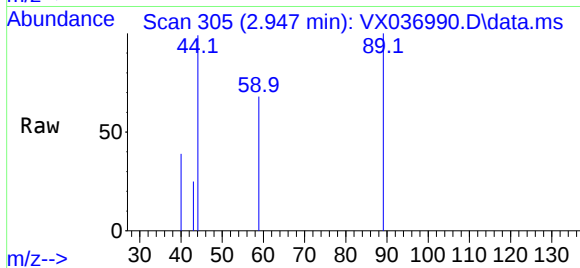
B-PP24A

Tgt Ion: 59 Resp: 540

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.646 ug/l

RT: 2.428 min Scan# 220

Delta R.T. 0.037 min

Lab File: VX036990.D

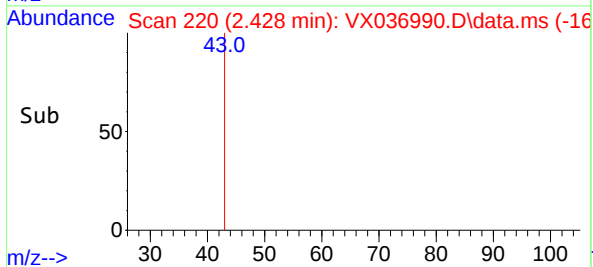
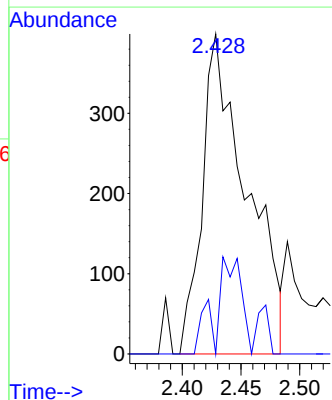
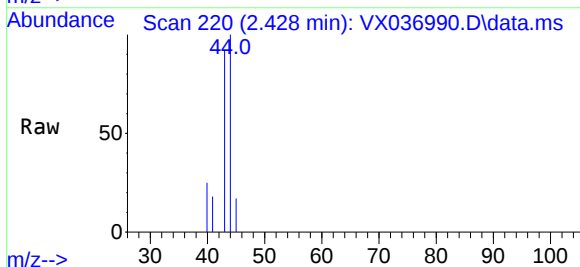
Acq: 15 Aug 2023 16:08

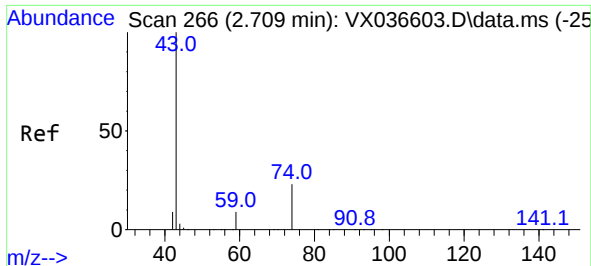
Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#

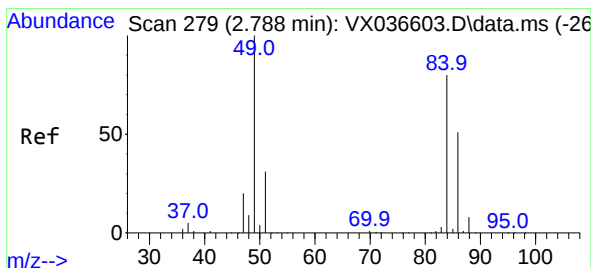
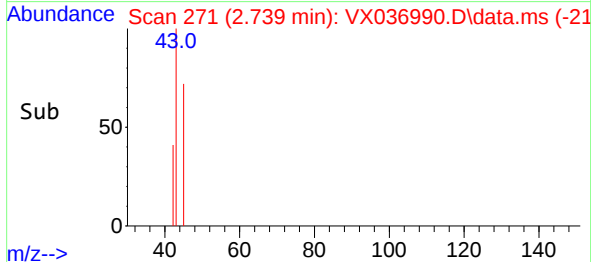
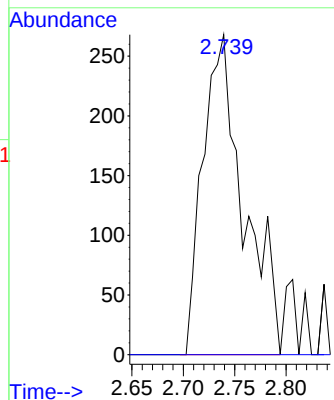
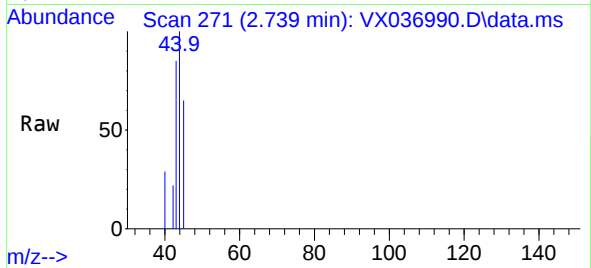




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.031 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

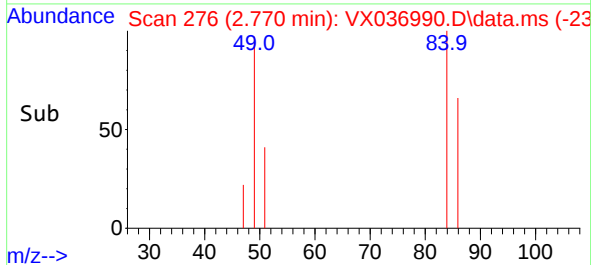
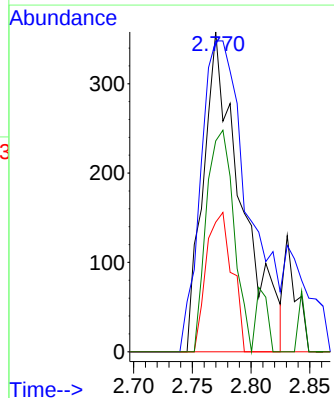
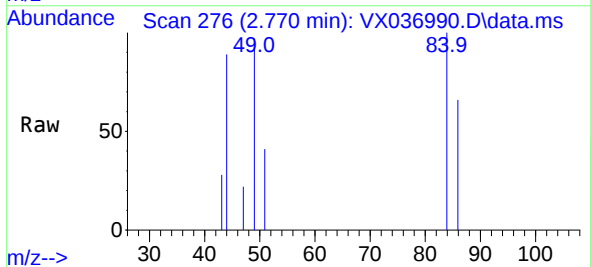
Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

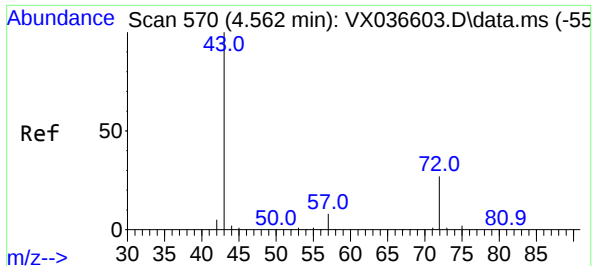
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.770 min Scan# 276
Delta R.T. -0.018 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 84 Resp: 804
Ion Ratio Lower Upper
84 100
49 97.2 103.6 155.4#
51 40.5 33.8 50.6
86 65.9 49.4 74.0





#25

2-Butanone

Concen: 0.251 ug/l

RT: 4.641 min Scan# 51

Delta R.T. 0.079 min

Lab File: VX036990.D

Acq: 15 Aug 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

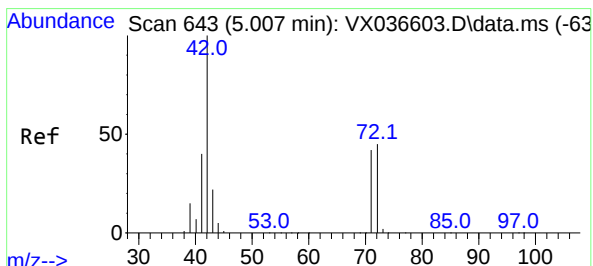
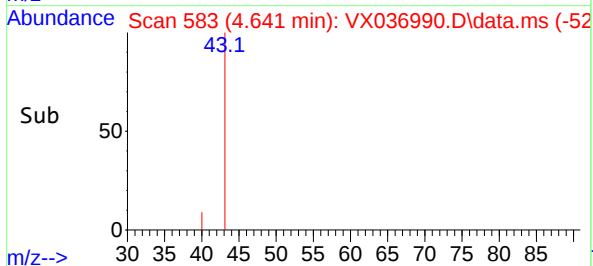
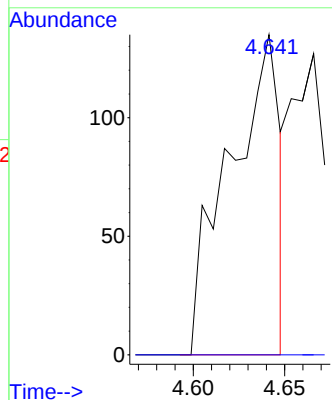
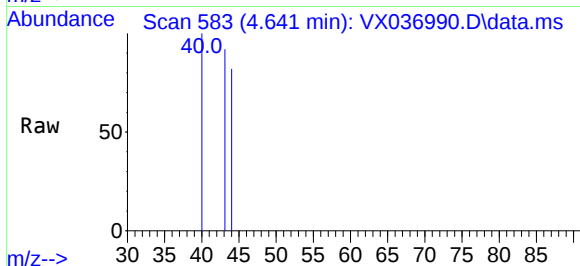
B-PP24A

Tgt Ion: 43 Resp: 259

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.655 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX036990.D

Acq: 15 Aug 2023 16:08

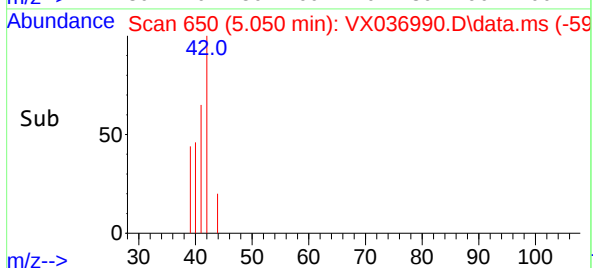
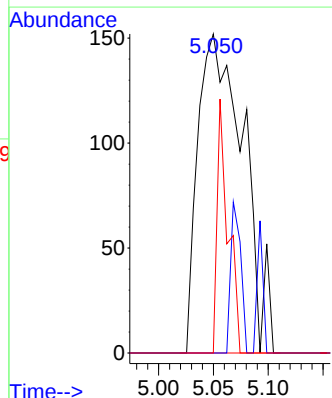
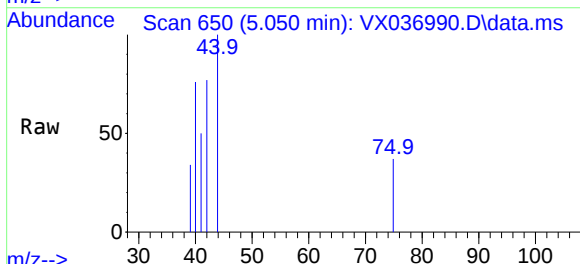
Tgt Ion: 42 Resp: 436

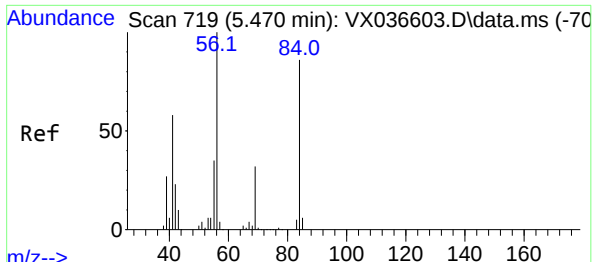
Ion Ratio Lower Upper

42 100

72 10.6 34.2 51.4#

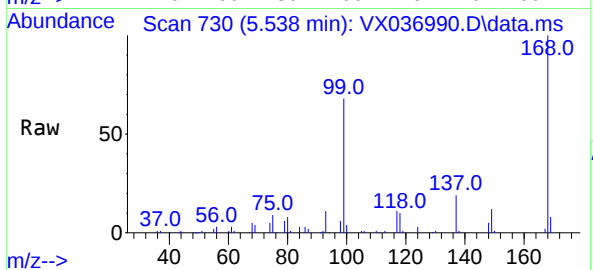
71 19.3 32.2 48.2#



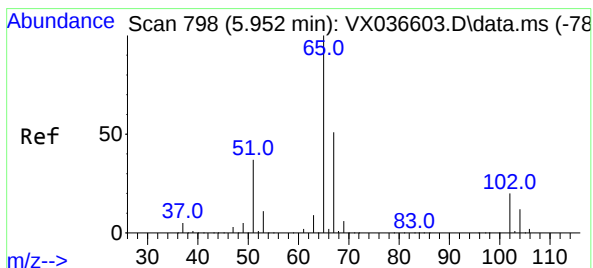
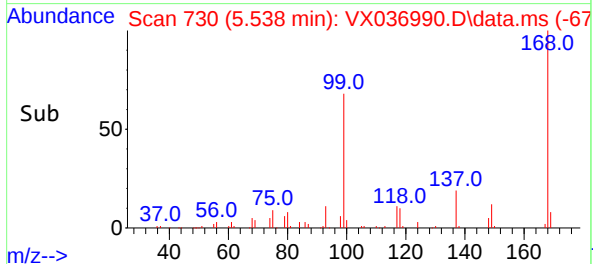
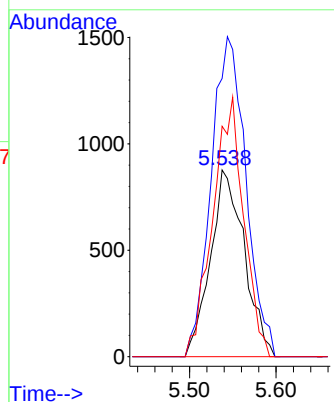


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

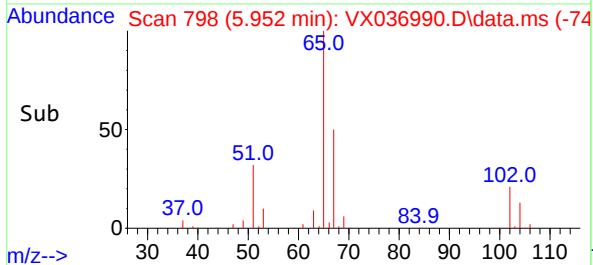
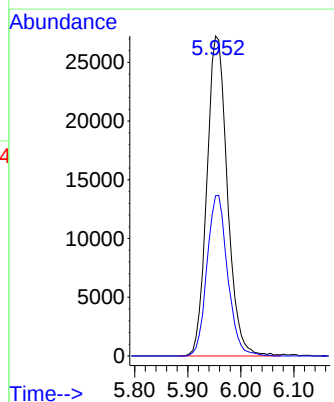
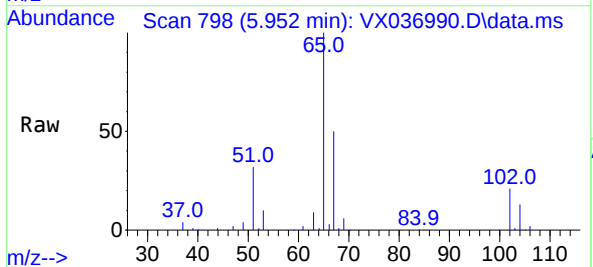


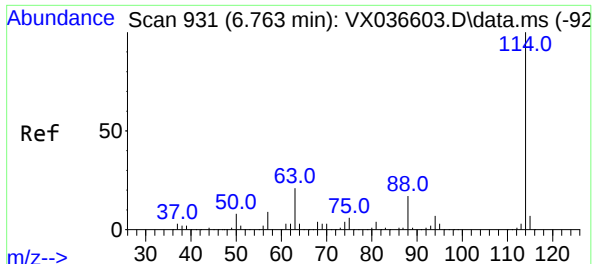
Tgt Ion: 56 Resp: 2387
Ion Ratio Lower Upper
56 100
69 149.0 23.4 35.2#
84 123.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.715 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 65 Resp: 73138
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

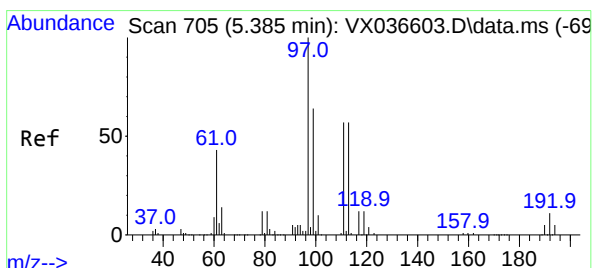
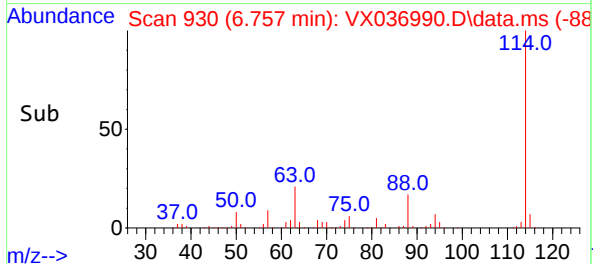
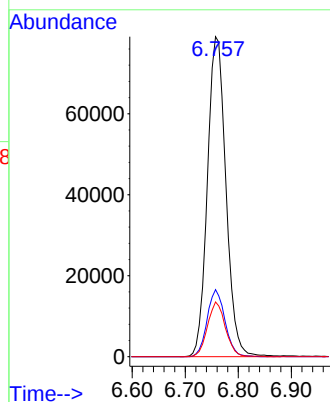
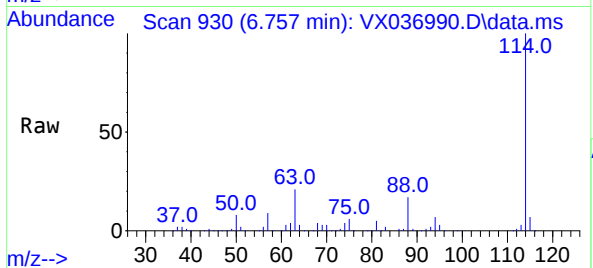




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

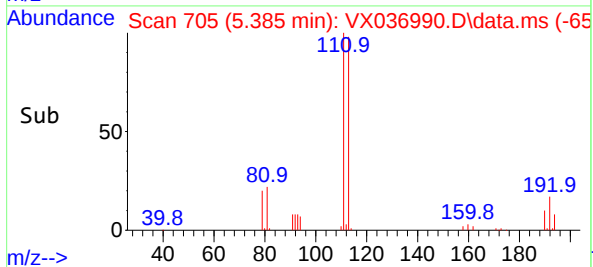
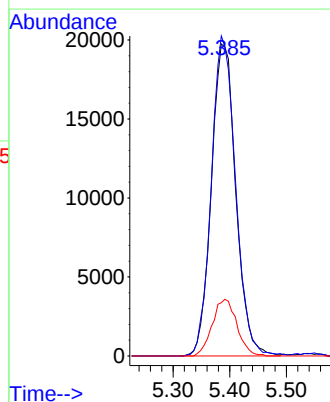
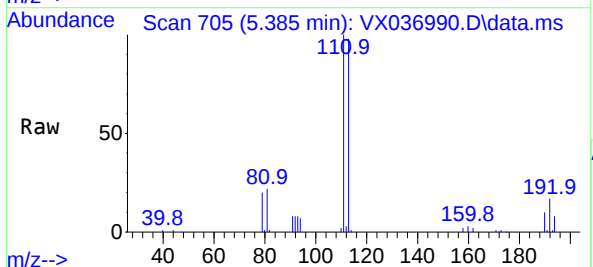
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B-PP24A

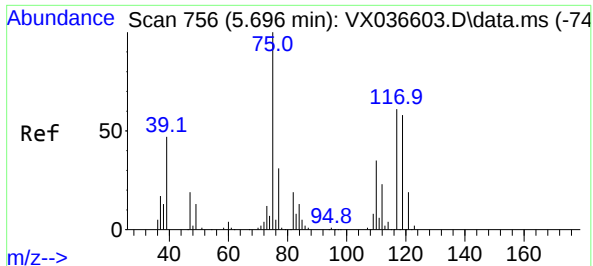
Tgt Ion:114 Resp: 191762
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.810 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion:113 Resp: 59062
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.3 13.3 19.9

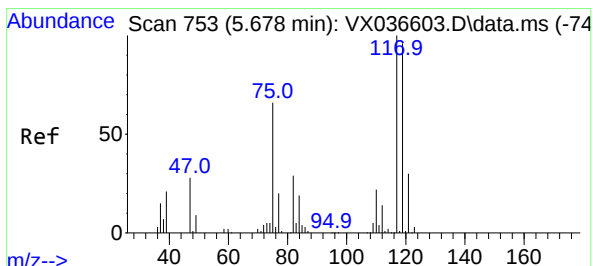
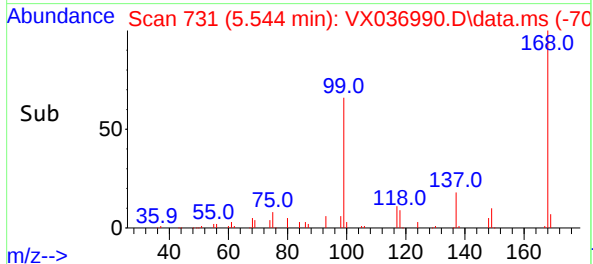
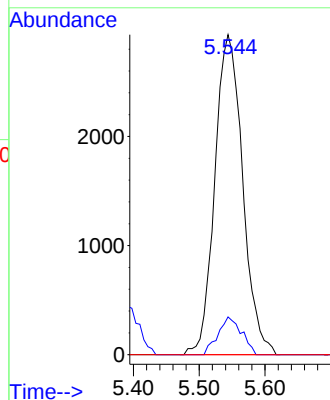
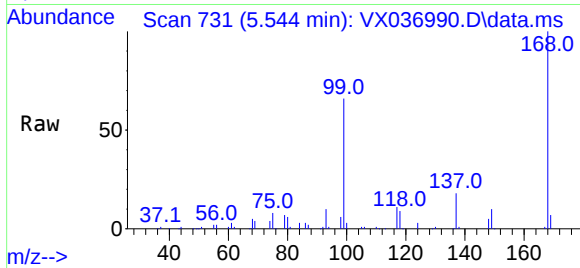




#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

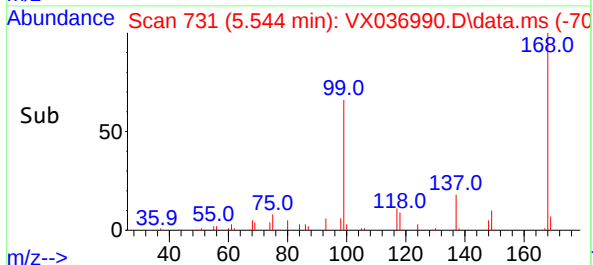
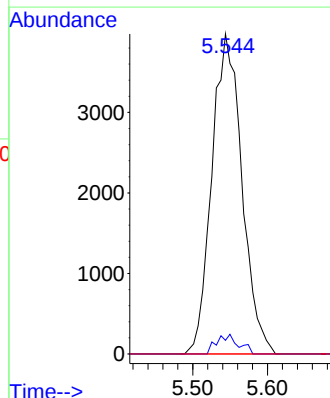
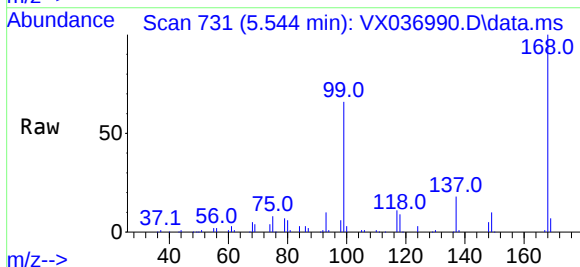
Instrument :
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B-PP24A

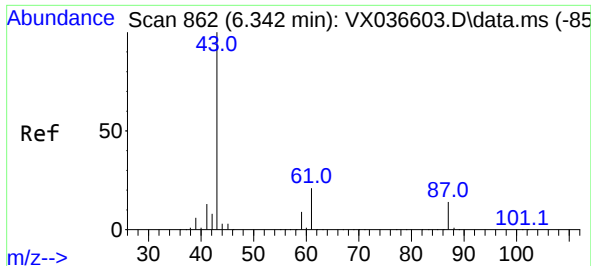
Tgt Ion: 75 Resp: 8644
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 117 Resp: 11129
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

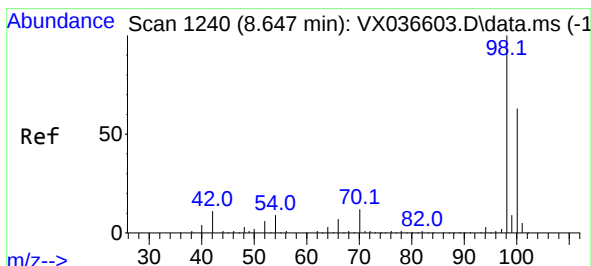
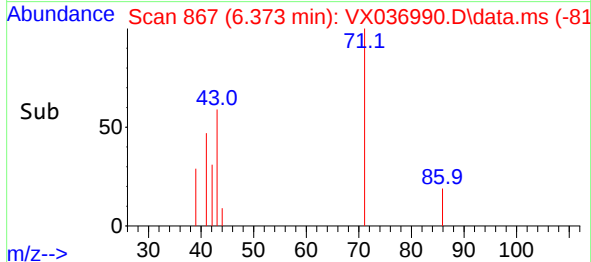
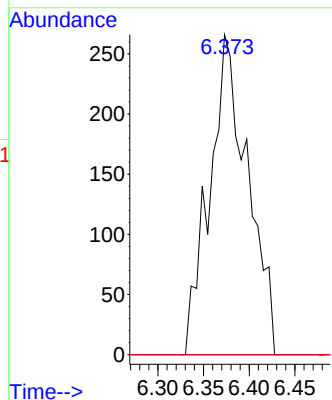
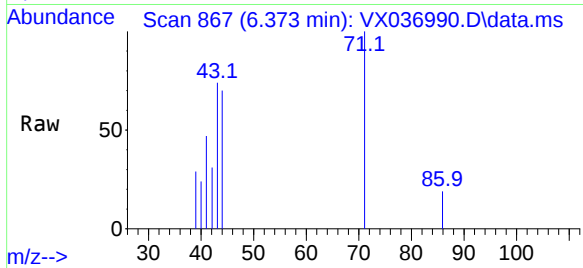




#43
Isopropyl Acetate
Concen: 0.202 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.031 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

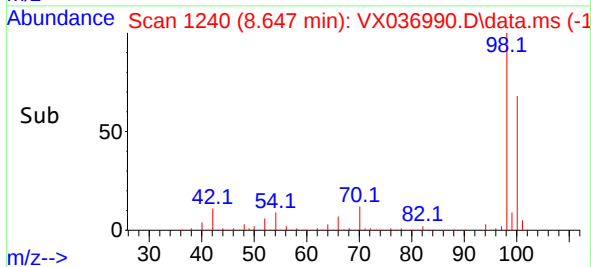
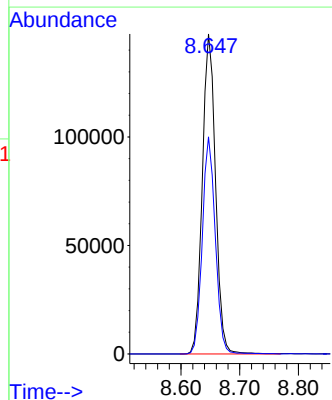
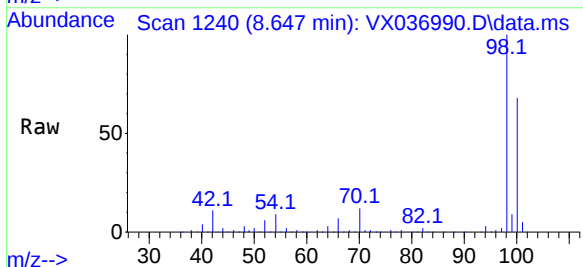
Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

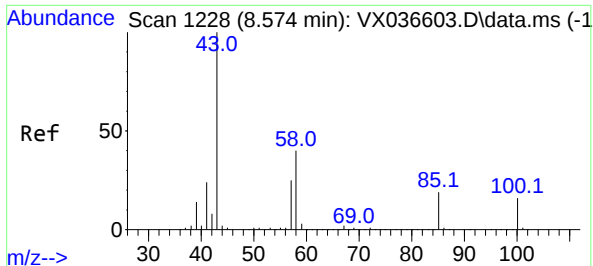
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 98 Resp: 230115
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

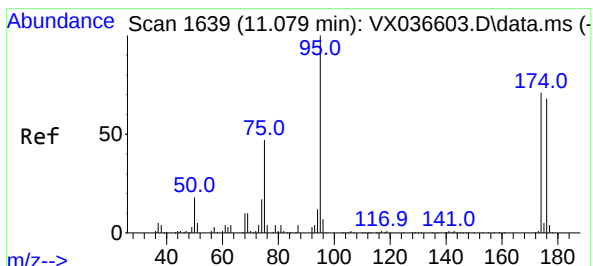
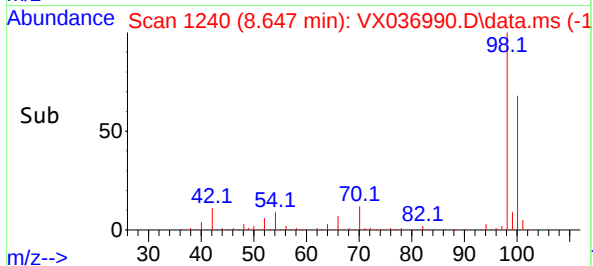
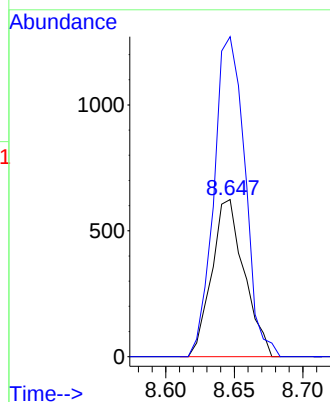
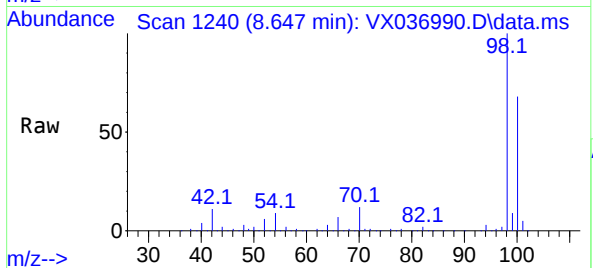




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

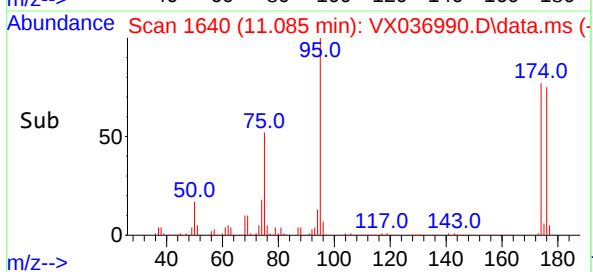
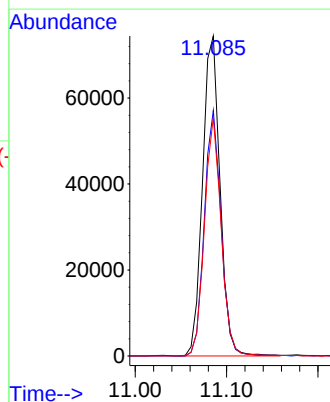
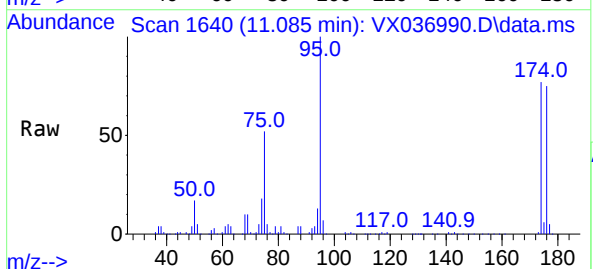
Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

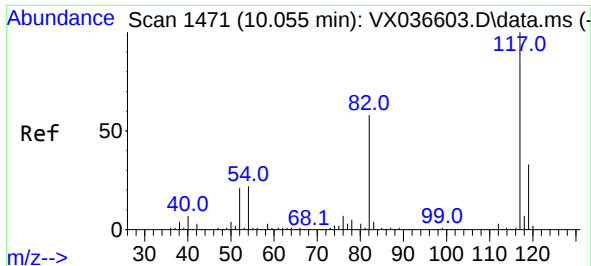
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 194.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 56.022 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 95 Resp: 98794
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.2 0.0 131.0

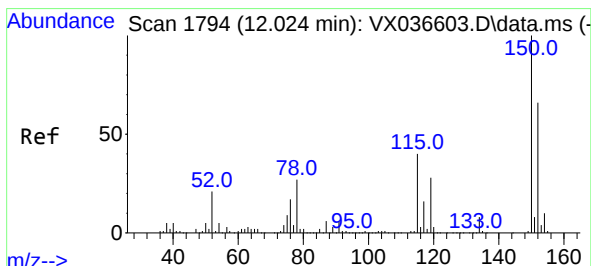
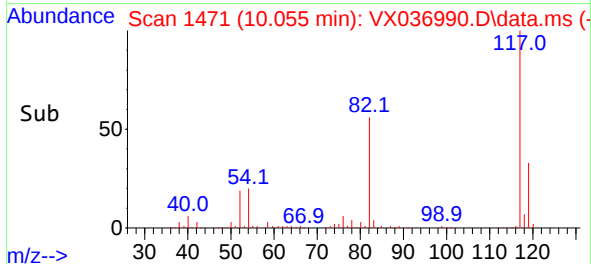
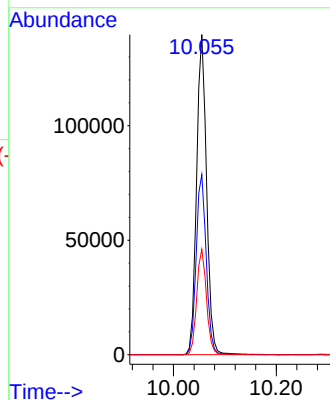
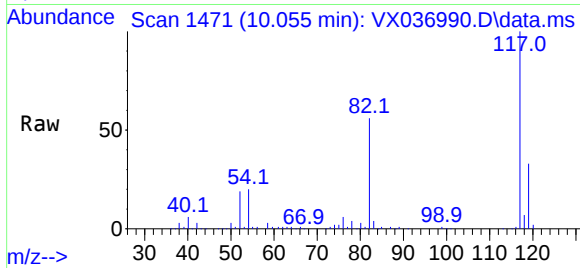




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

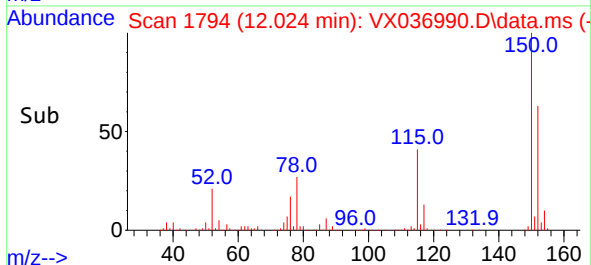
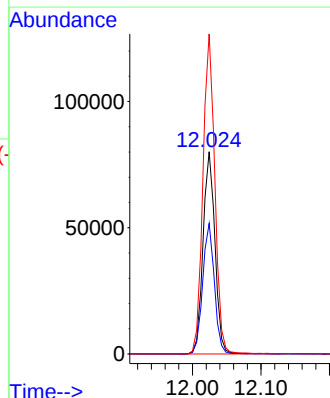
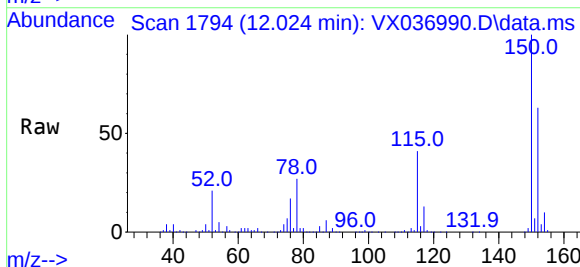
Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

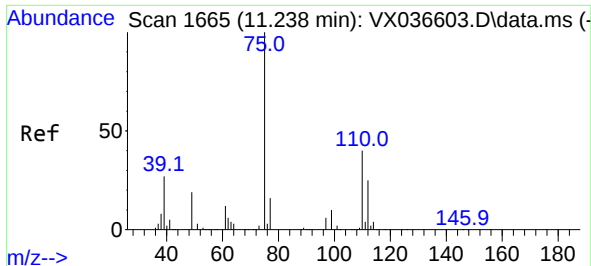
Tgt Ion:117 Resp: 189200
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion:152 Resp: 97399
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 157.2 0.0 345.0

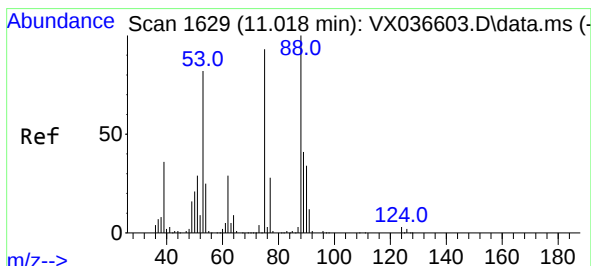
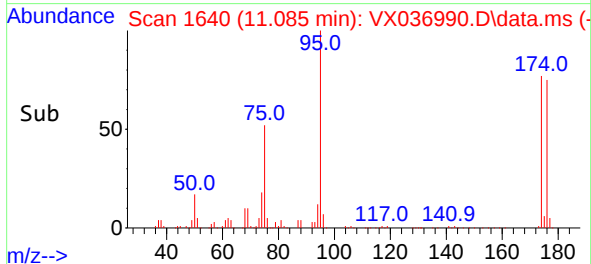
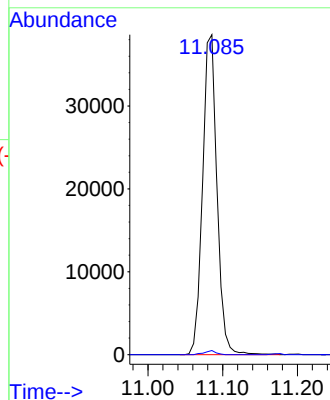
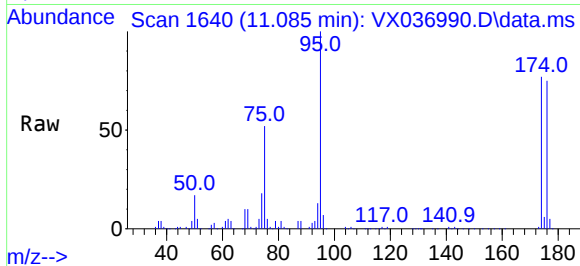




#76
1,2,3-Trichloropropane
Concen: 22.536 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

Tgt Ion: 75 Resp: 51628
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.079 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 75 Resp: 51628
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

