

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032705.D
 Acq On : 10 Nov 2022 04:32
 Operator : JC/MD
 Sample : N5506-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5

Quant Time: Nov 10 05:21:12 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

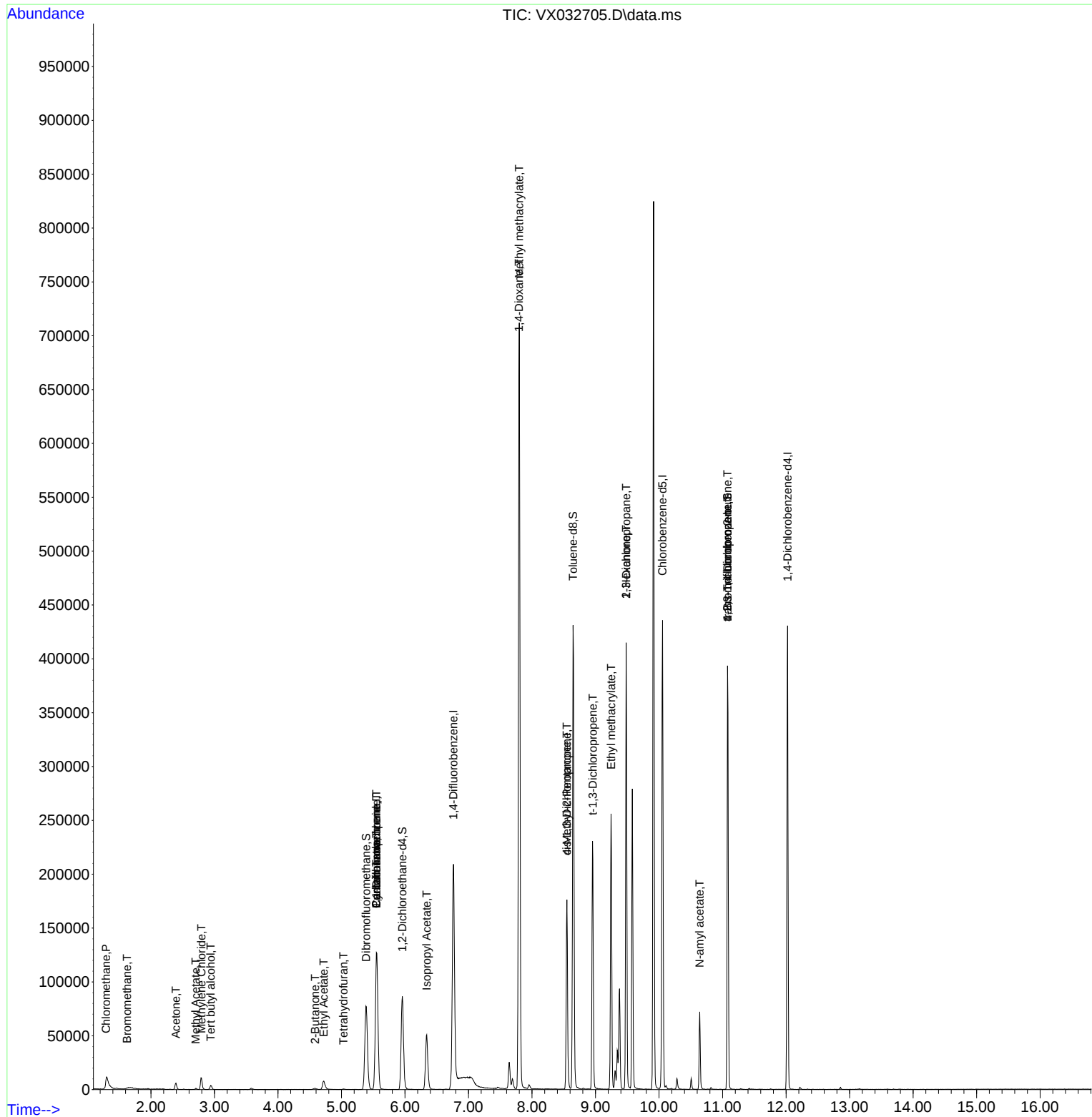
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	119442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86734	52.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.520%
35) Dibromofluoromethane	5.385	113	67348	46.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	250951	49.821	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	97087	49.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	569	0.488	ug/l #	43
5) Bromomethane	1.624	94	206	0.201	ug/l	96
11) Tert butyl alcohol	2.940	59	2317	9.592	ug/l #	72
16) Acetone	2.392	43	7777	12.893	ug/l	92
18) Methyl Acetate	2.703	43	1371	0.699	ug/l #	86
20) Methylene Chloride	2.794	84	5343	3.863	ug/l	93
25) 2-Butanone	4.586	43	1096	1.173	ug/l #	82
29) Tetrahydrofuran	5.031	42	407	0.683	ug/l #	42
31) Cyclohexane	5.550	56	2846	1.414	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	9419	4.669	ug/l #	50
37) Ethyl Acetate	4.721	43	14815	7.056	ug/l	98
38) Carbon Tetrachloride	5.550	117	12459	5.569	ug/l #	15
43) Isopropyl Acetate	6.342	43	68557	21.265	ug/l	100
48) Methyl methacrylate	7.799	41	64435	38.698	ug/l #	45
49) 1,4-Dioxane	7.793	88	54	1.702	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	60942	30.010	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	472	0.217	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	26242	11.290	ug/l #	62
56) Ethyl methacrylate	9.244	69	616	0.273	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3506	1.384	ug/l #	42
59) 2-Hexanone	9.482	43	49549	32.883	ug/l #	51
74) N-amyl acetate	10.640	43	18064	6.999	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	53862	28.085	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53862	89.366	ug/l #	6

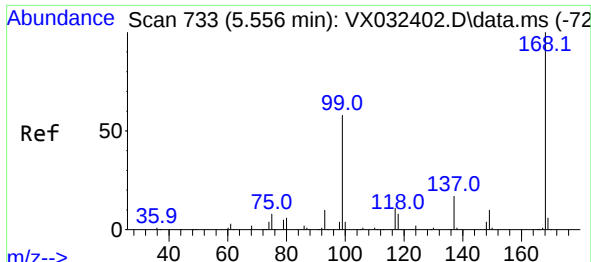
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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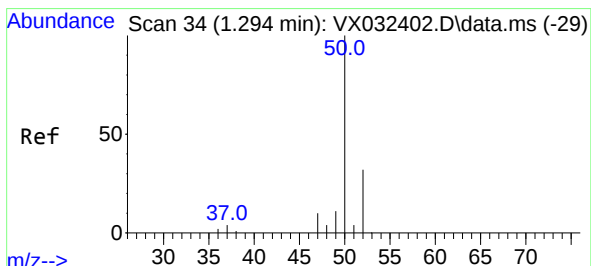
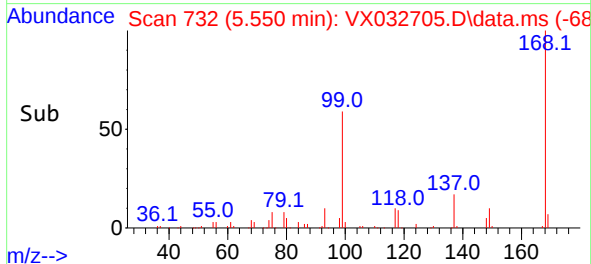
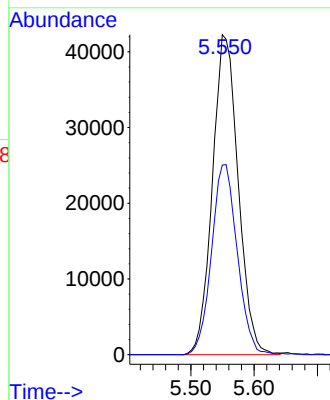
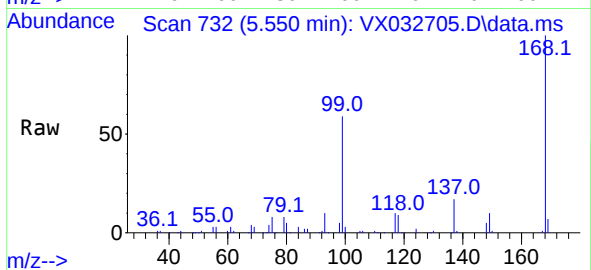




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

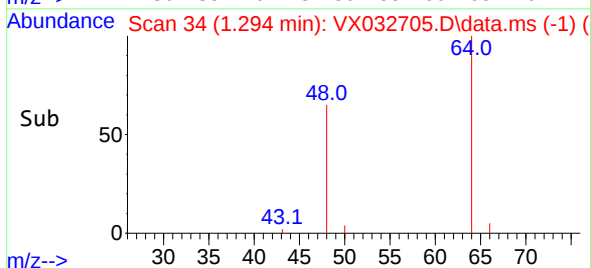
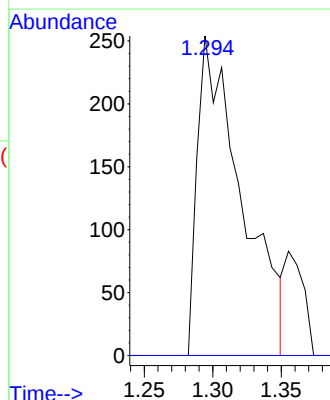
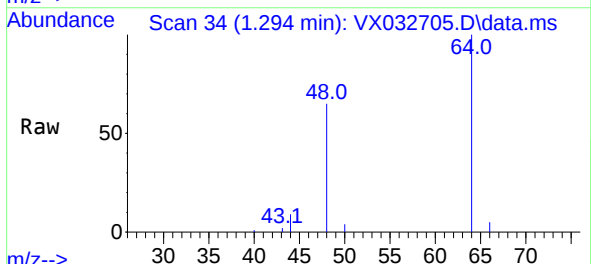
Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 119442
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1

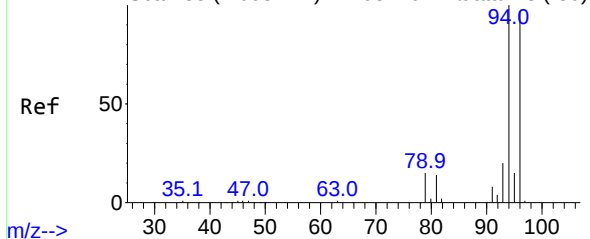


#3
Chloromethane
Concen: 0.488 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 85 (1.605 min): VX032402.D\data.ms (-80)



#5

Bromomethane

Concen: 0.201 ug/l

RT: 1.624 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

TP-5

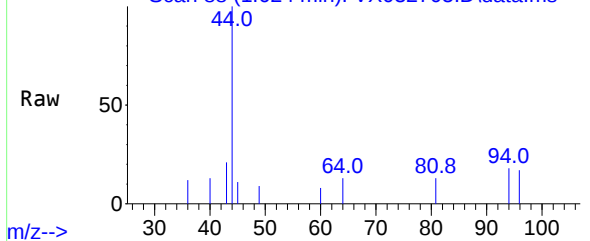
Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

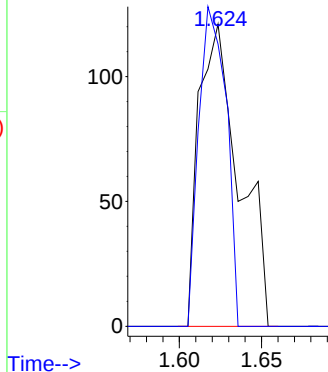
94 100

96 93.4 77.6 116.4

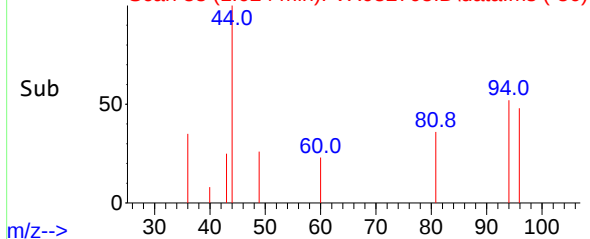
Abundance Scan 88 (1.624 min): VX032705.D\data.ms



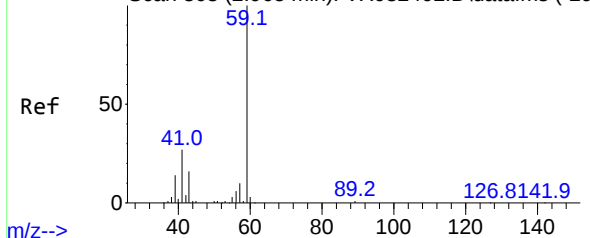
Abundance



Abundance Scan 88 (1.624 min): VX032705.D\data.ms (-36)



Abundance Scan 308 (2.965 min): VX032402.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 9.592 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

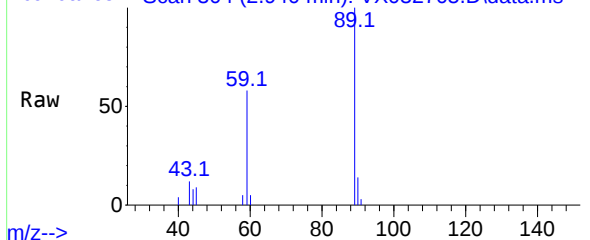
Tgt Ion: 59 Resp: 2317

Ion Ratio Lower Upper

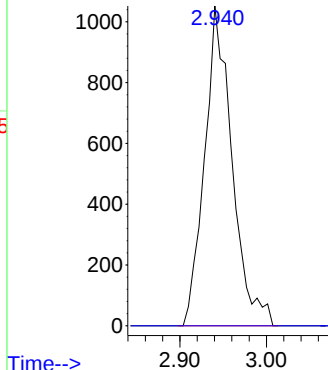
59 100

57 0.0 8.2 12.4#

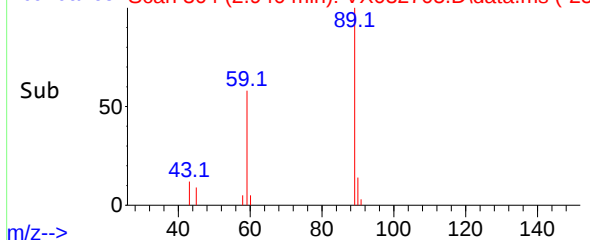
Abundance Scan 304 (2.940 min): VX032705.D\data.ms

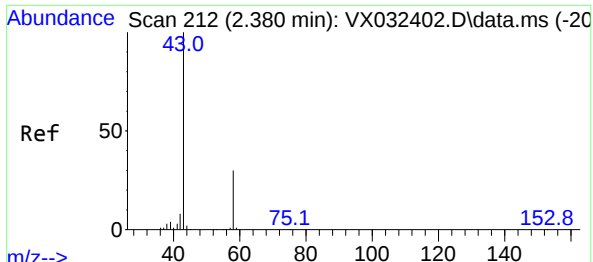


Abundance



Abundance Scan 304 (2.940 min): VX032705.D\data.ms (-25)

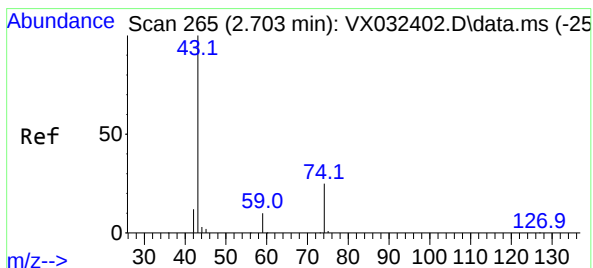
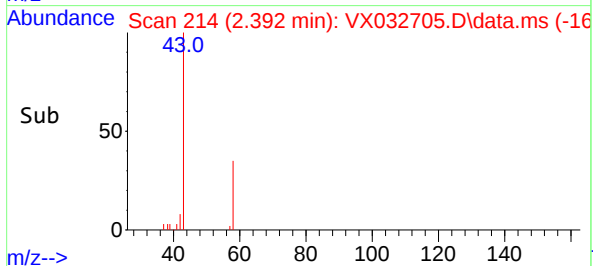
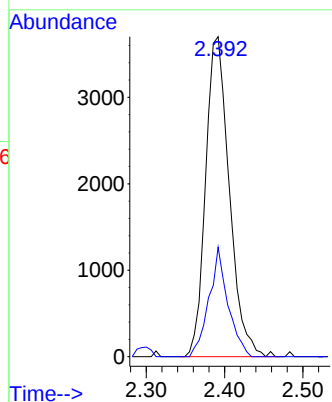
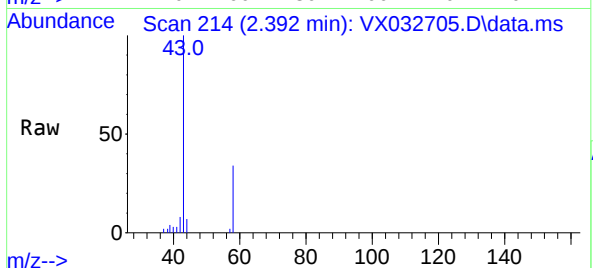




#16
Acetone
Concen: 12.893 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

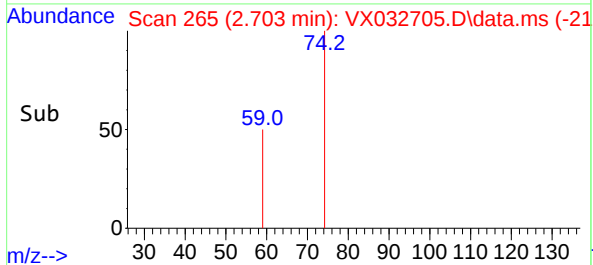
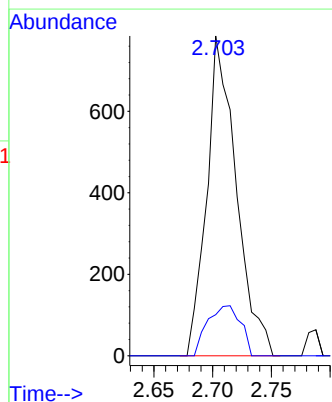
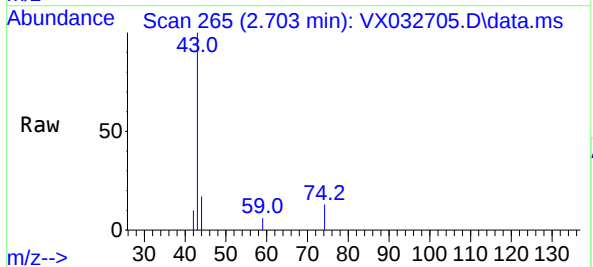
Instrument :
MSVOA_X
ClientSampleId :
TP-5

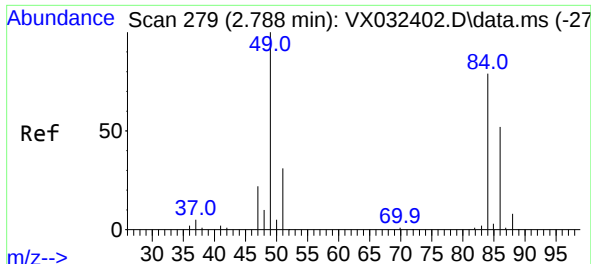
Tgt Ion: 43 Resp: 7777
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.8



#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
74 17.5 19.4 29.0#



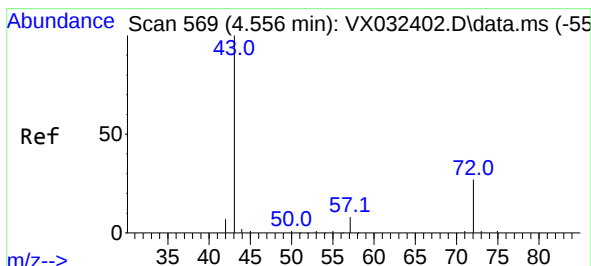
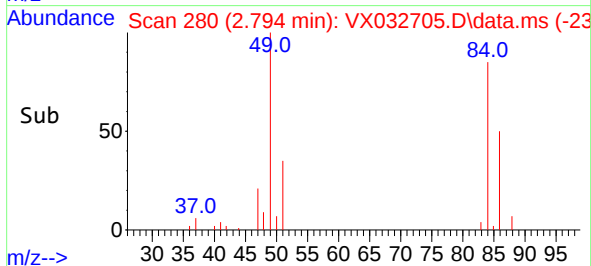
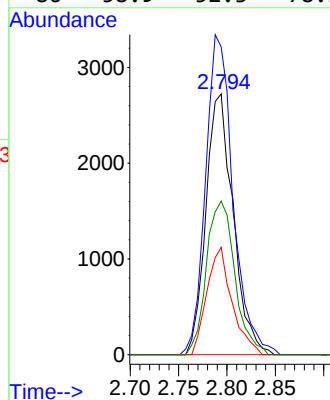
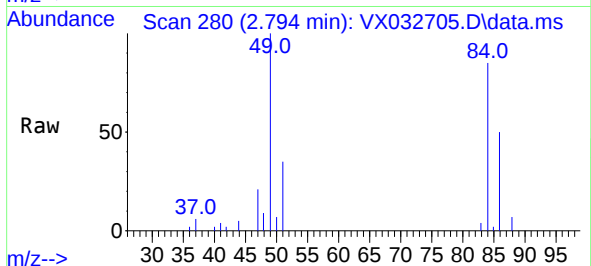


#20
Methylene Chloride
Concen: 3.863 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tgt Ion: 84 Resp: 5343

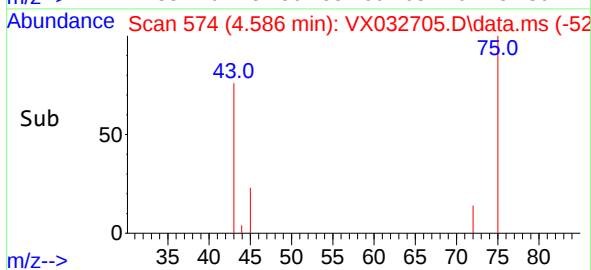
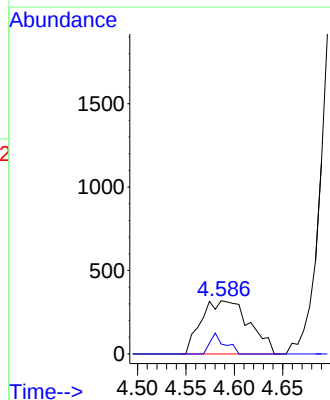
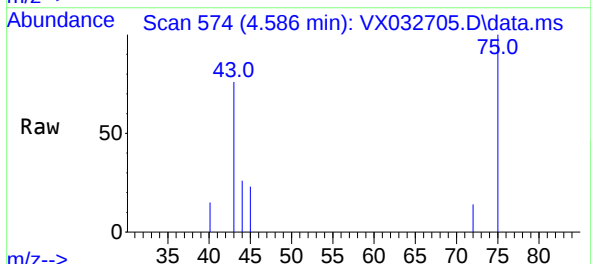
Ion	Ratio	Lower	Upper
84	100		
49	118.1	101.0	151.6
51	41.2	31.1	46.7
86	58.9	52.3	78.5

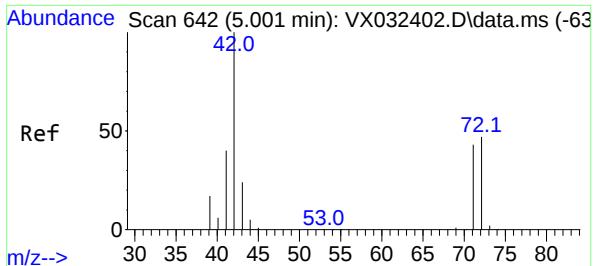


#25
2-Butanone
Concen: 1.173 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 43 Resp: 1096

Ion	Ratio	Lower	Upper
43	100		
72	18.5	22.2	33.2#





#29

Tetrahydrofuran

Concen: 0.683 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

TP-5

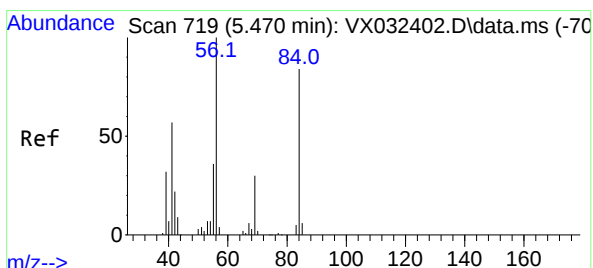
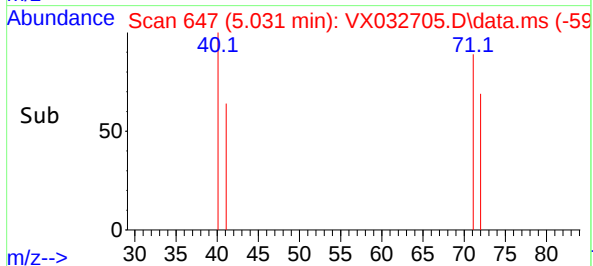
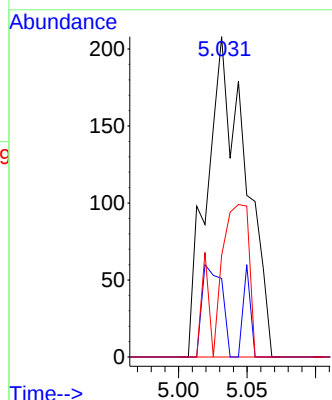
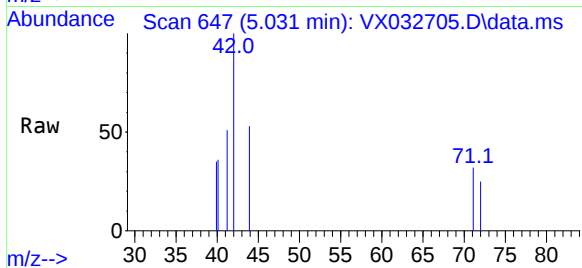
Tgt Ion: 42 Resp: 407

Ion Ratio Lower Upper

42 100

72 14.7 37.6 56.4#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.414 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

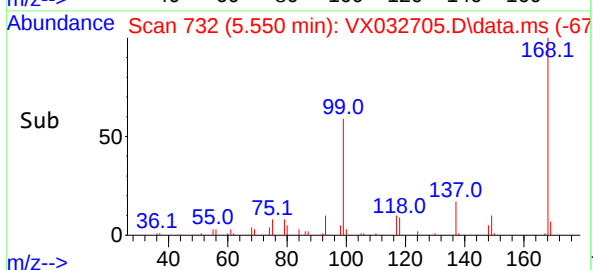
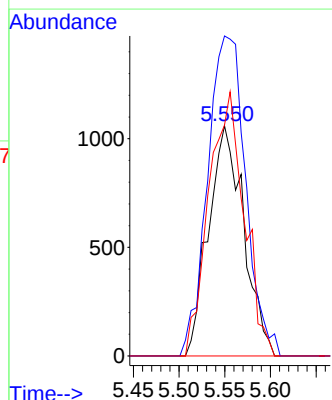
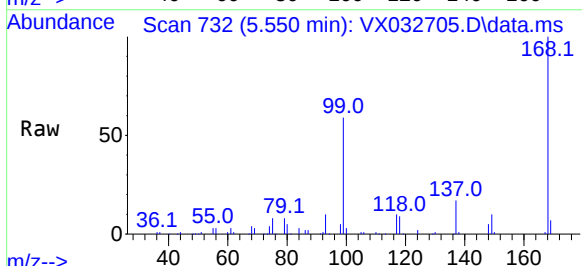
Tgt Ion: 56 Resp: 2846

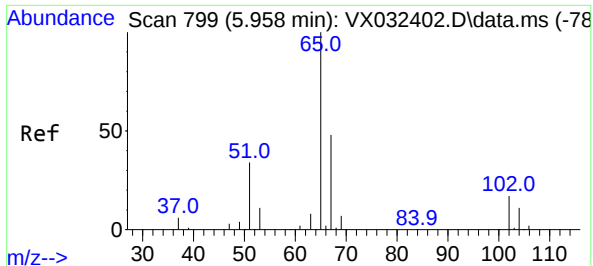
Ion Ratio Lower Upper

56 100

69 139.0 24.1 36.1#

84 100.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 52.261 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

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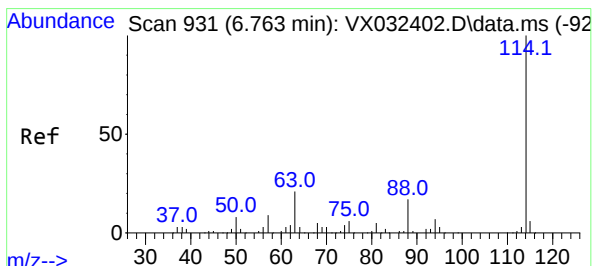
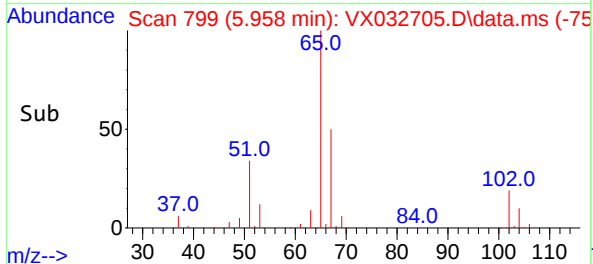
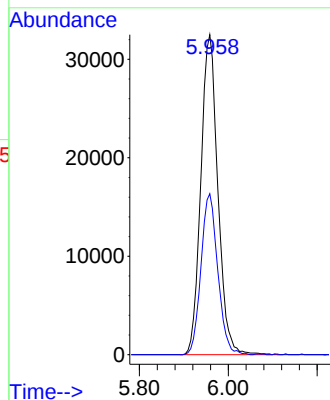
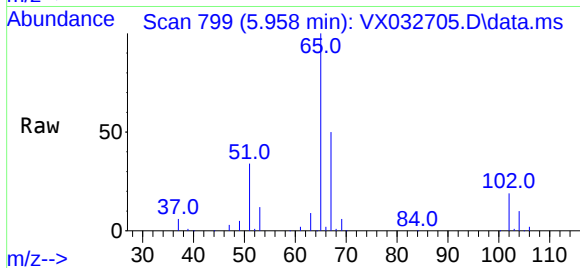
TP-5

Tgt Ion: 65 Resp: 86734

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

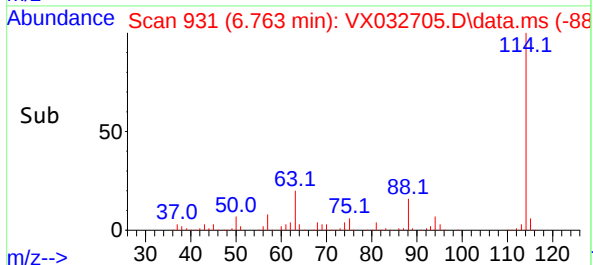
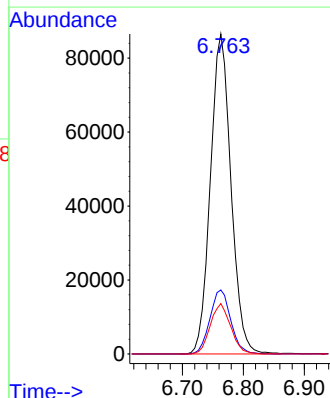
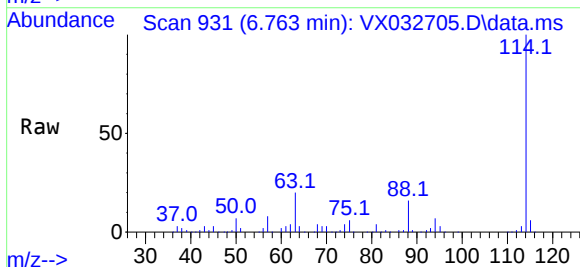
Tgt Ion: 114 Resp: 203081

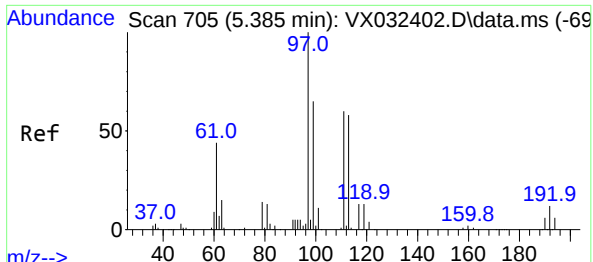
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.7 0.0 33.4

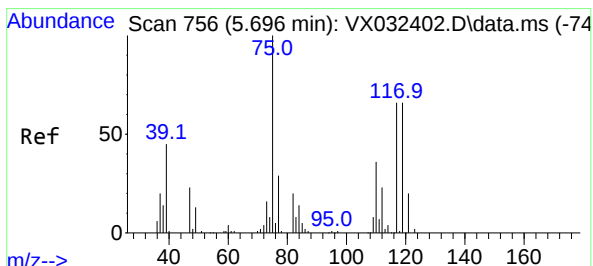
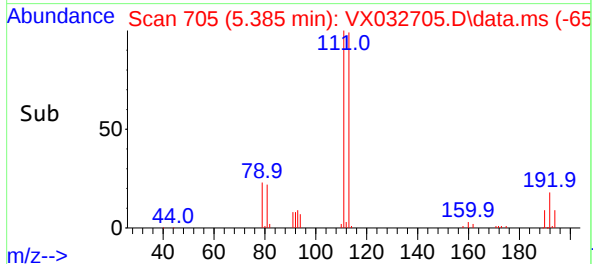
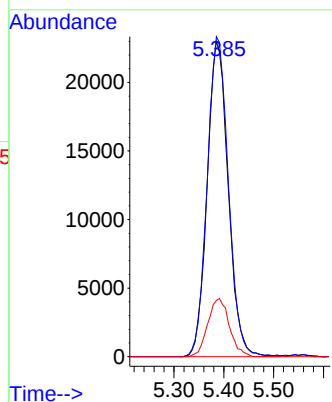
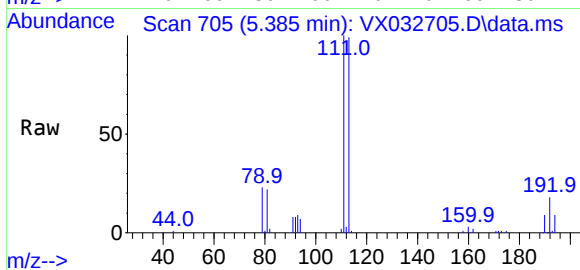




#35
Dibromofluoromethane
Concen: 46.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

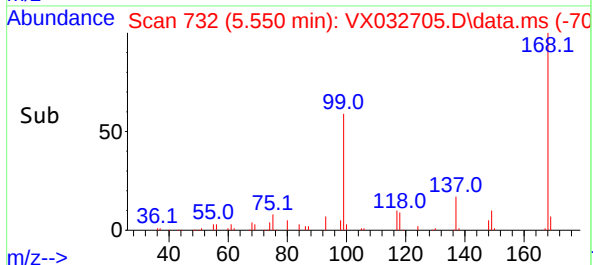
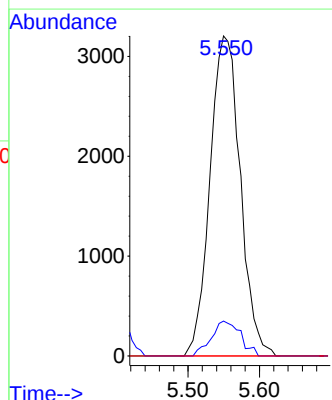
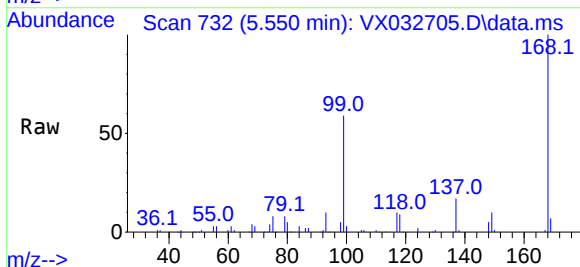
Instrument :
MSVOA_X
ClientSampleId :
TP-5

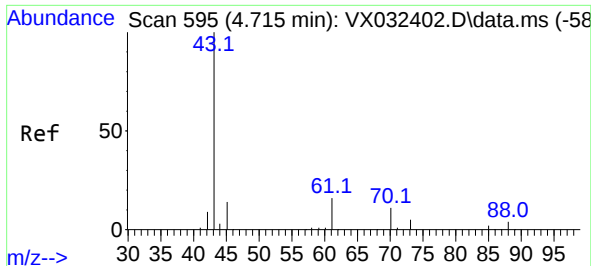
Tgt Ion:113 Resp: 67348
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 75 Resp: 9419
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 7.056 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

TP-5

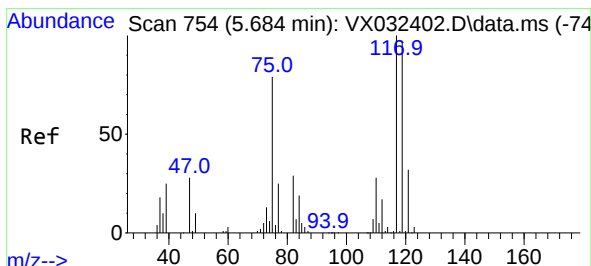
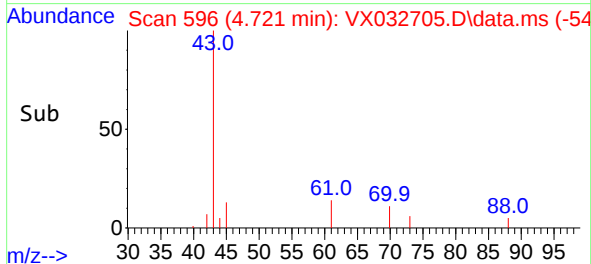
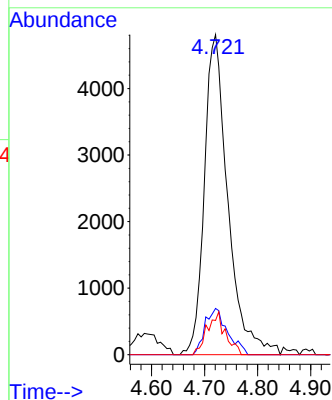
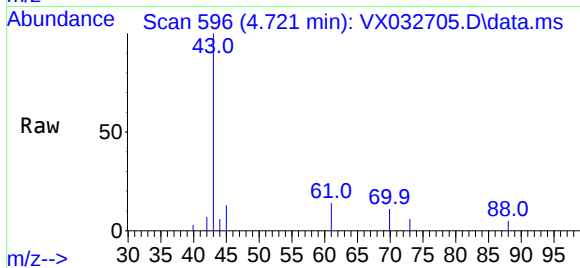
Tgt Ion: 43 Resp: 14815

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

70 10.3 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.569 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

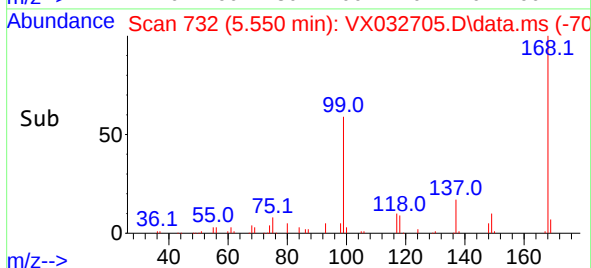
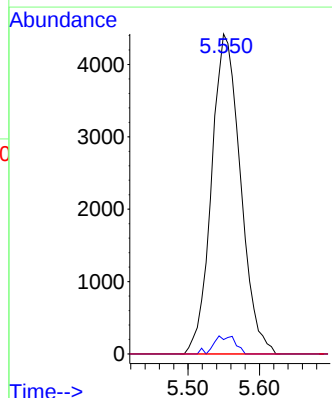
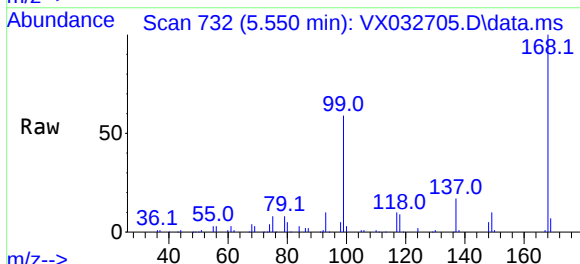
Tgt Ion: 117 Resp: 12459

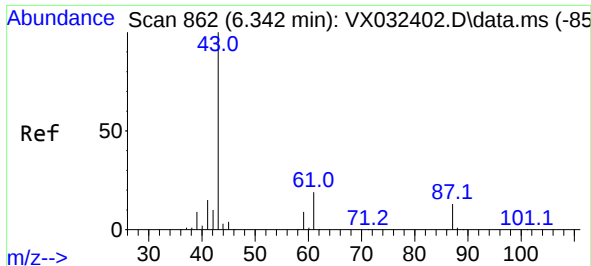
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 25.8 38.6#

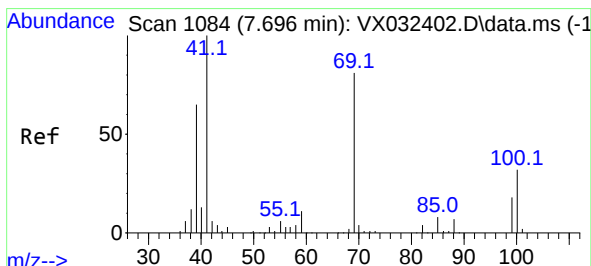
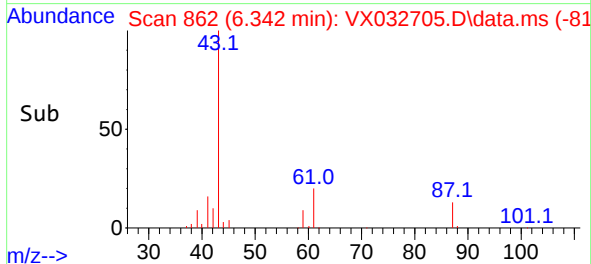
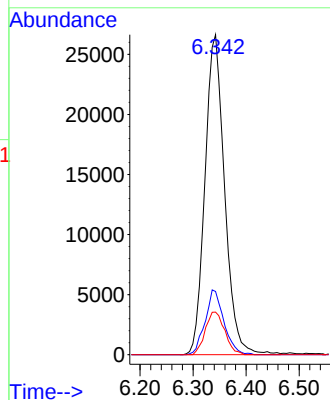
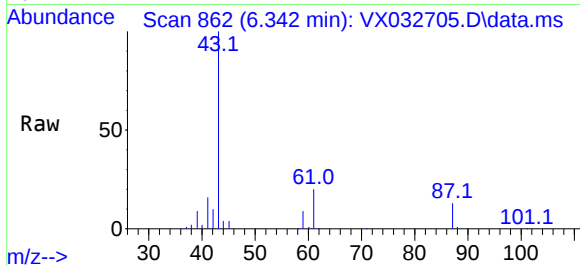




#43
Isopropyl Acetate
Concen: 21.265 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

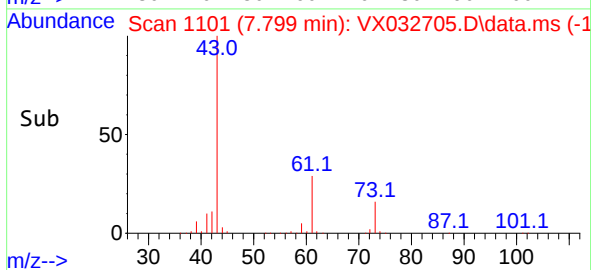
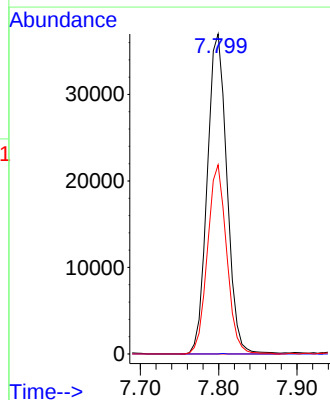
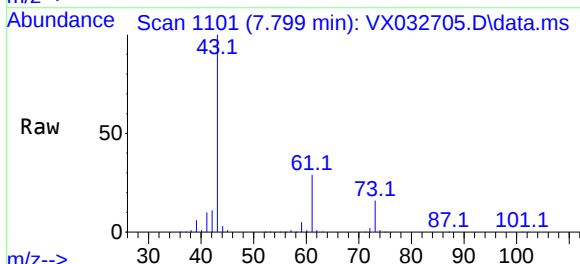
Instrument :
MSVOA_X
ClientSampleId :
TP-5

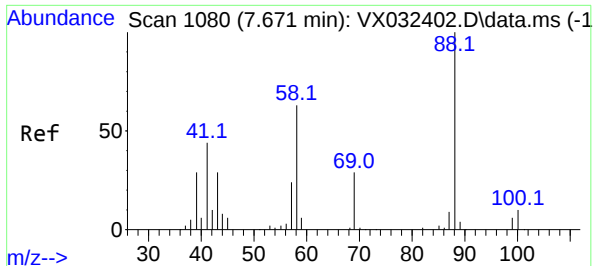
Tgt Ion: 43 Resp: 68557
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.2 10.8 16.2



#48
Methyl methacrylate
Concen: 38.698 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 41 Resp: 64435
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 57.7 51.9 77.9

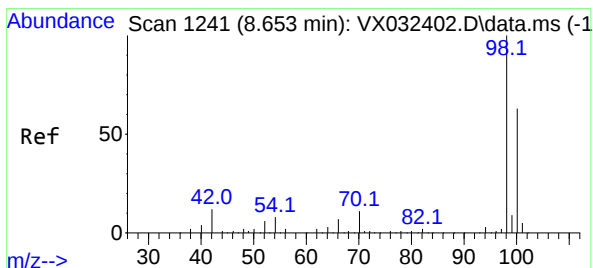
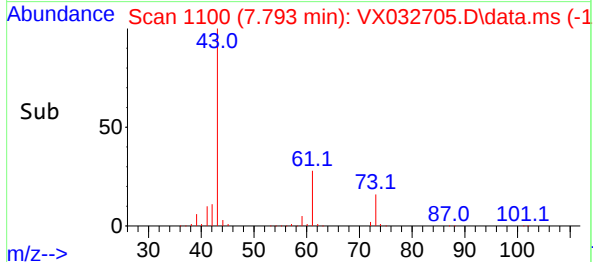
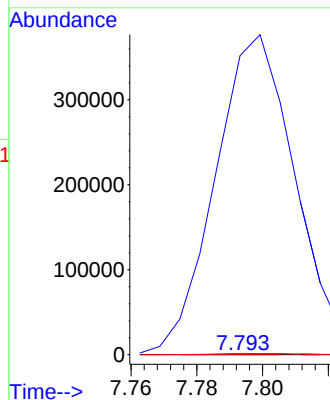
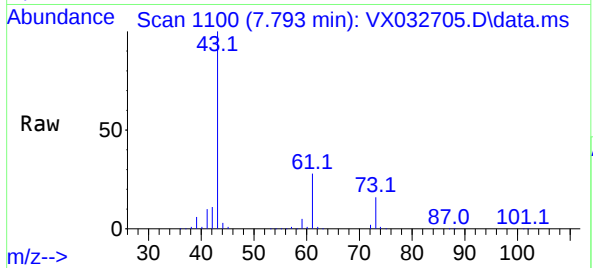




#49
1,4-Dioxane
Concen: 1.702 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

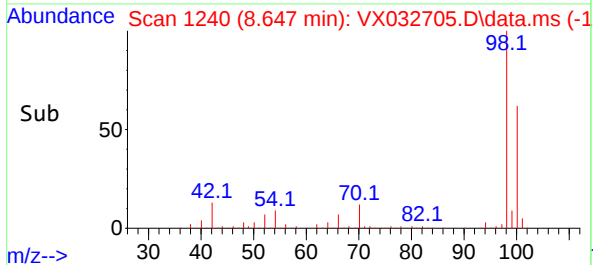
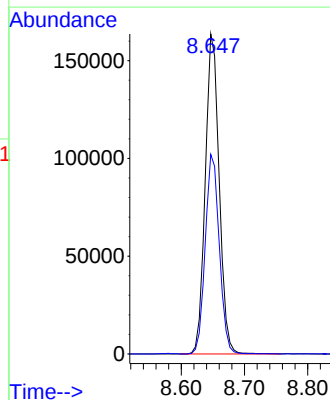
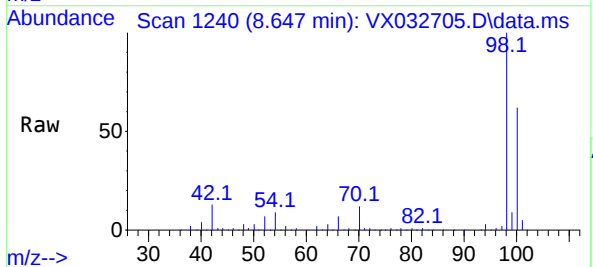
Instrument :
MSVOA_X
ClientSampleId :
TP-5

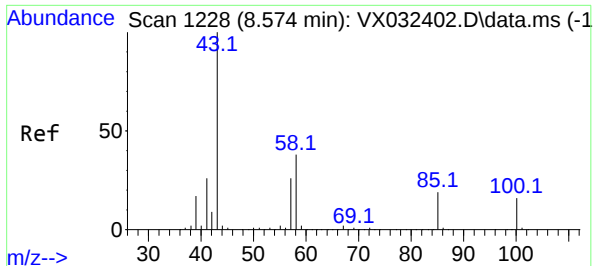
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 1192429.6 26.6 39.8#
58 4966.7 51.7 77.5#



#50
Toluene-d8
Concen: 49.821 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 98 Resp: 250951
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 30.010 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX032705.D

Acq: 10 Nov 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

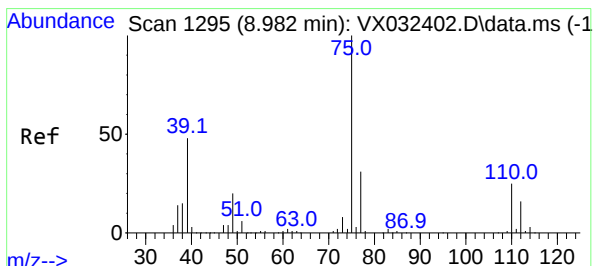
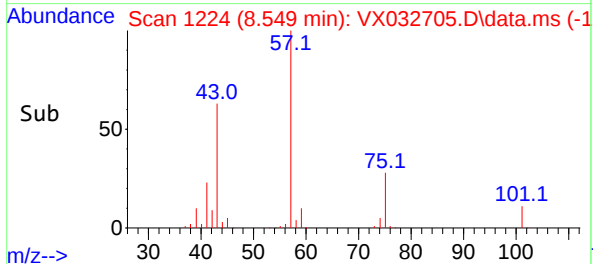
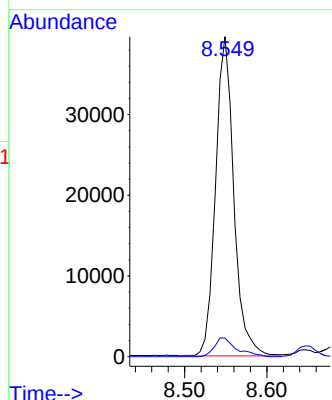
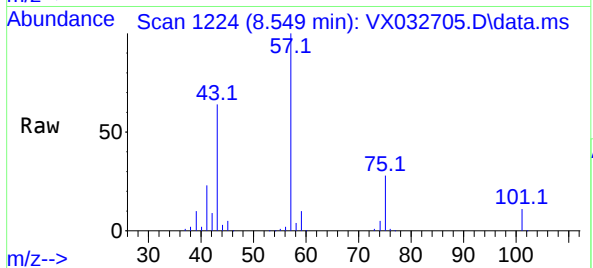
TP-5

Tgt Ion: 43 Resp: 60942

Ion Ratio Lower Upper

43 100

58 7.1 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 0.217 ug/l

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX032705.D

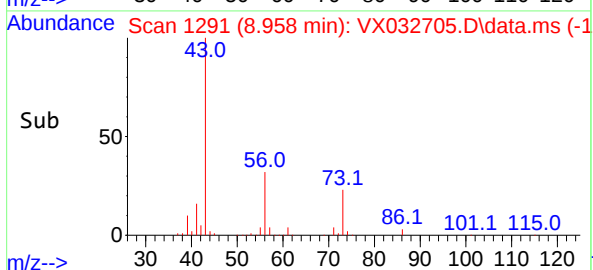
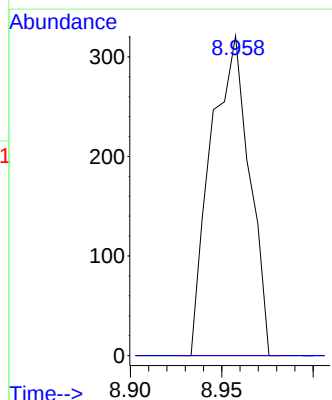
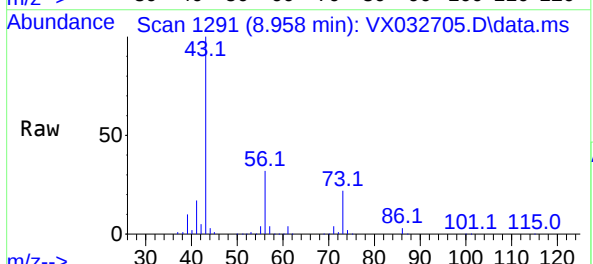
Acq: 10 Nov 2022 04:32

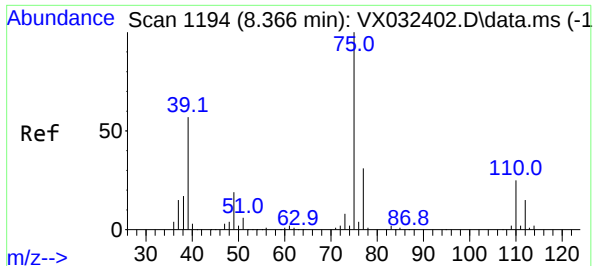
Tgt Ion: 75 Resp: 472

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

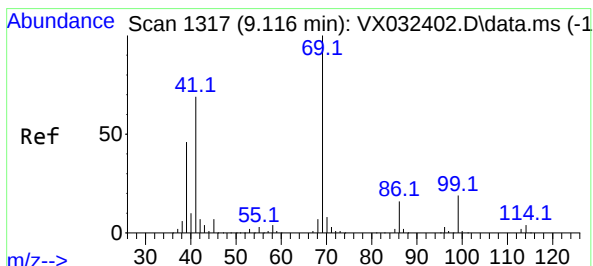
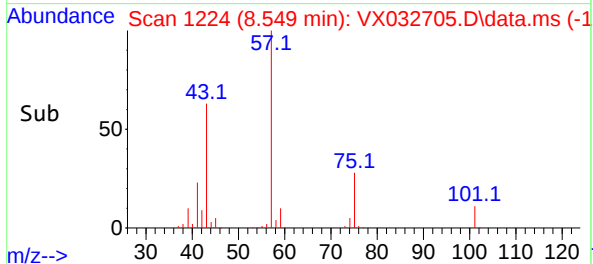
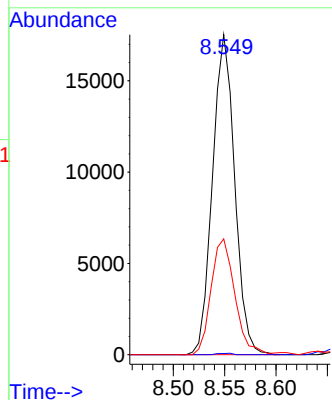
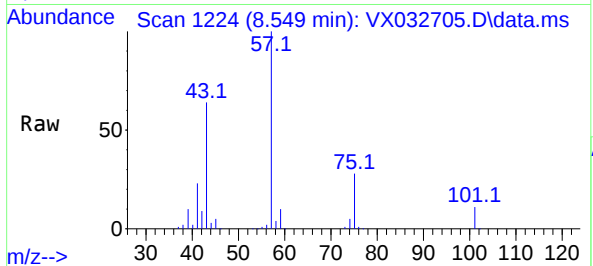




#54
cis-1,3-Dichloropropene
Concen: 11.290 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

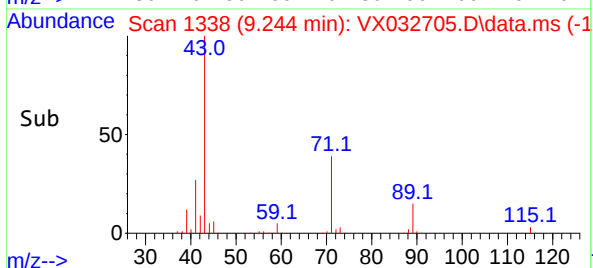
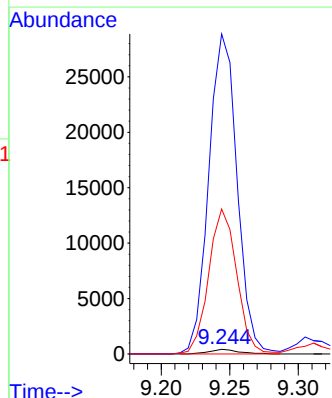
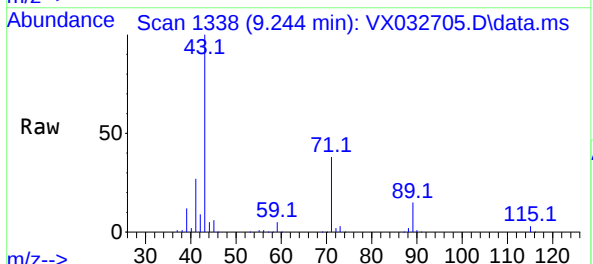
Instrument :
MSVOA_X
ClientSampleId :
TP-5

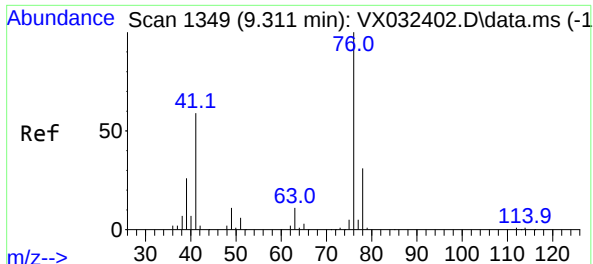
Tgt Ion: 75 Resp: 26242
Ion Ratio Lower Upper
75 100
77 0.3 25.1 37.7#
39 36.2 45.5 68.3#



#56
Ethyl methacrylate
Concen: 0.273 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 69 Resp: 616
Ion Ratio Lower Upper
69 100
41 6758.0 54.3 81.5#
39 3030.8 35.2 52.8#

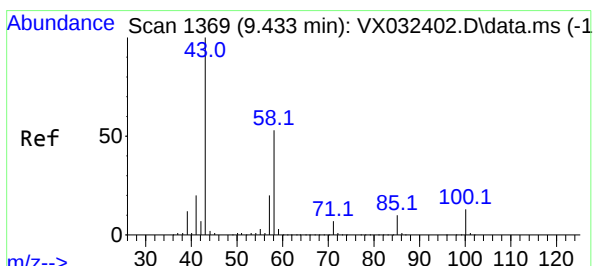
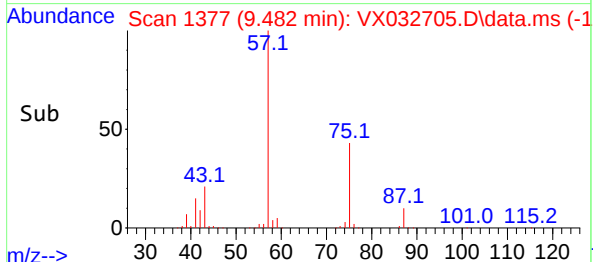
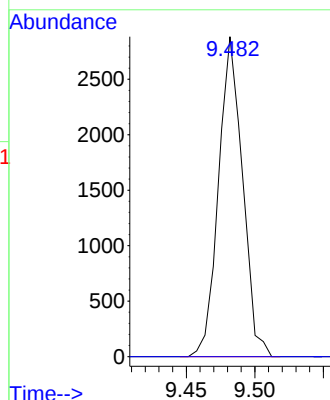
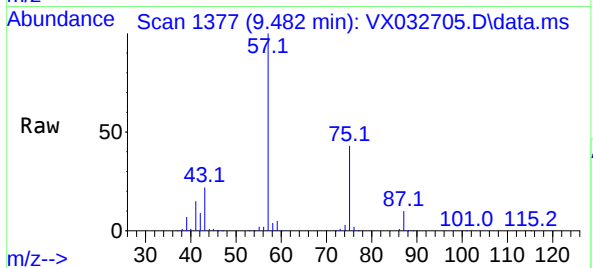




#57
1,3-Dichloropropane
Concen: 1.384 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

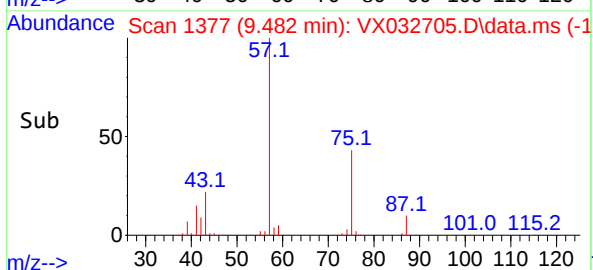
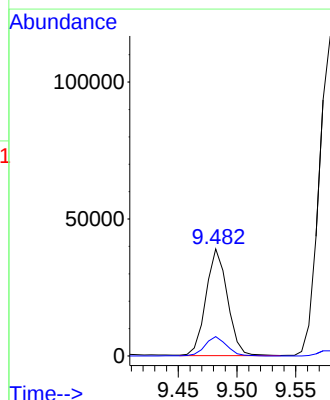
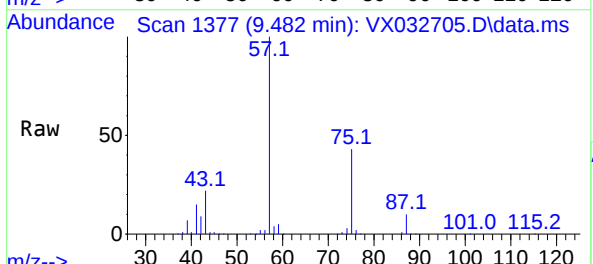
Instrument :
MSVOA_X
ClientSampleId :
TP-5

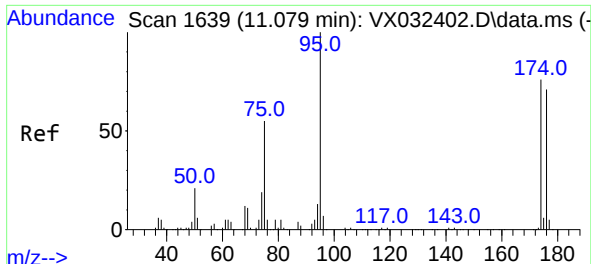
Tgt Ion: 76 Resp: 3506
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 32.883 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 43 Resp: 49549
Ion Ratio Lower Upper
43 100
58 18.4 26.5 79.5#

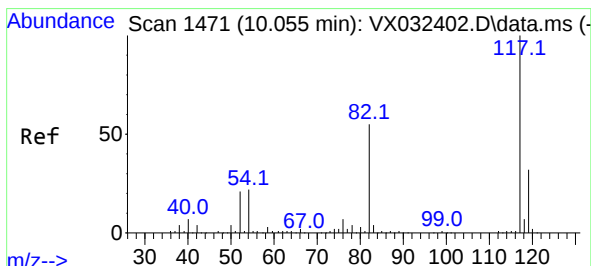
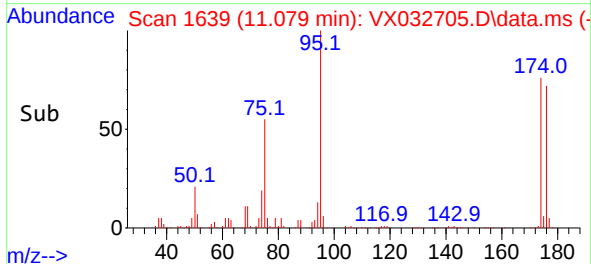
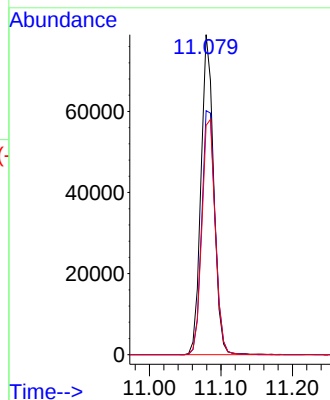
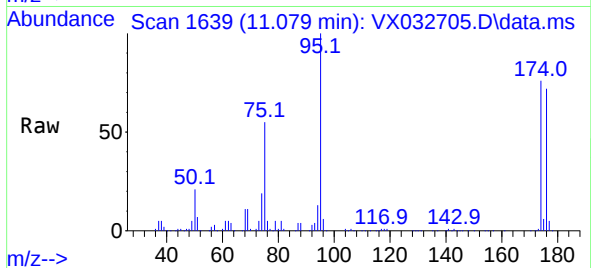




#62
4-Bromofluorobenzene
Concen: 49.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

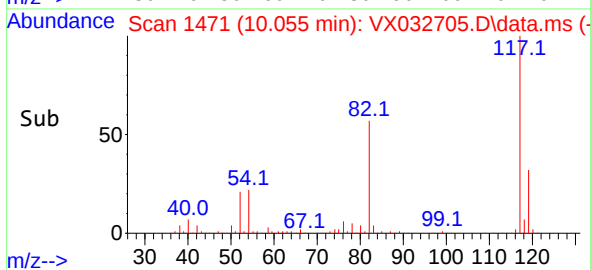
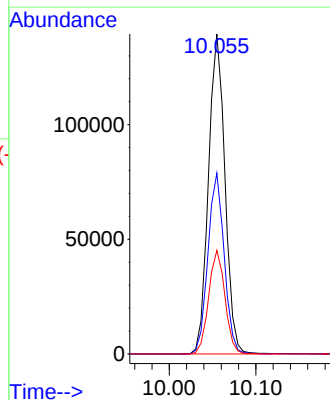
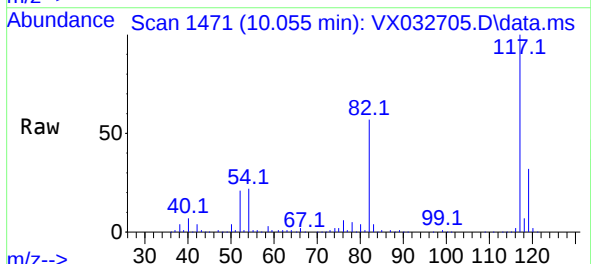
Instrument :
MSVOA_X
ClientSampleId :
TP-5

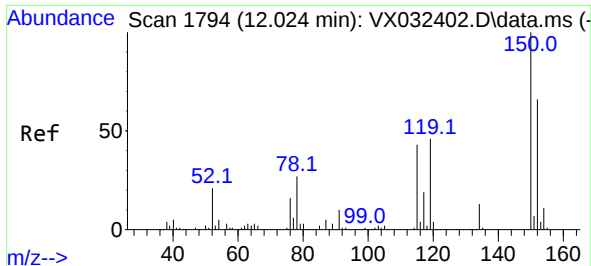
Tgt Ion: 95 Resp: 97087
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 77.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 117 Resp: 184249
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.3 25.7 38.5

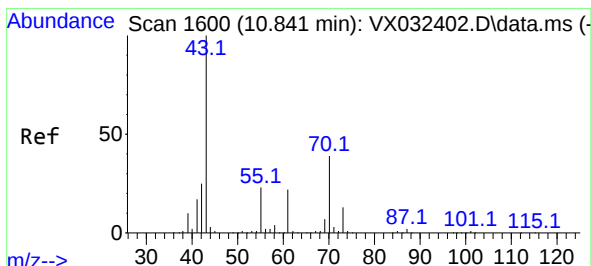
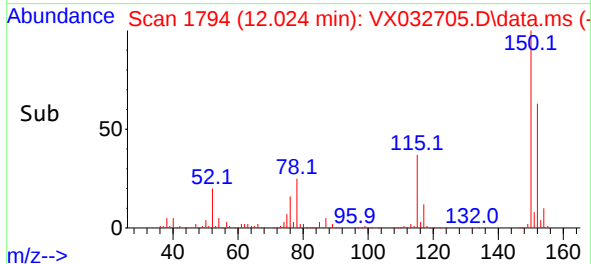
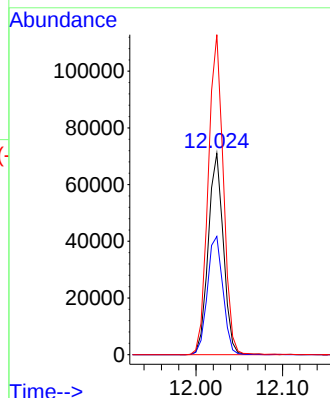
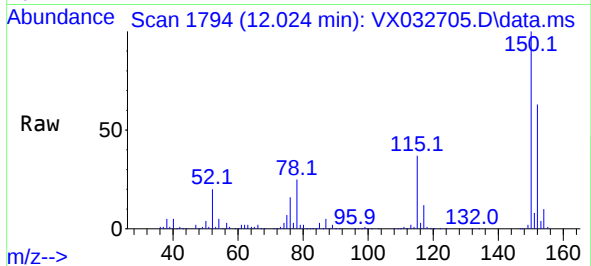




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

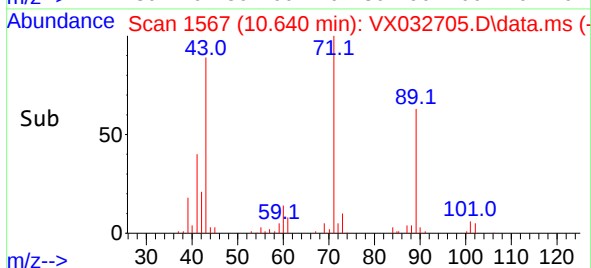
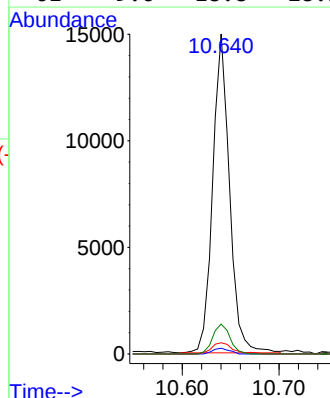
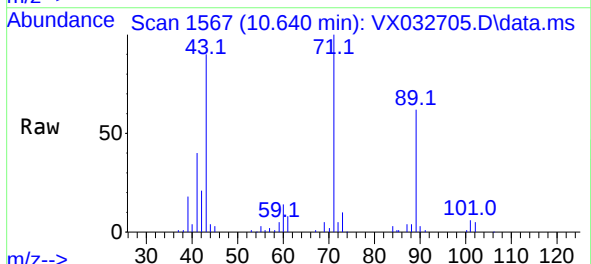
Instrument :
MSVOA_X
ClientSampleId :
TP-5

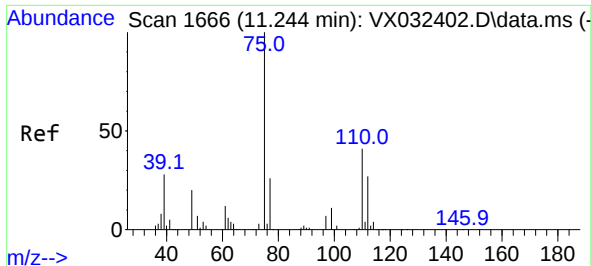
Tgt Ion:152 Resp: 86205
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 159.4 0.0 351.8



#74
N-ethyl acetate
Concen: 6.999 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 43 Resp: 18064
Ion Ratio Lower Upper
43 100
70 1.8 33.6 50.4#
55 4.5 19.4 29.2#
61 9.6 18.8 28.2#

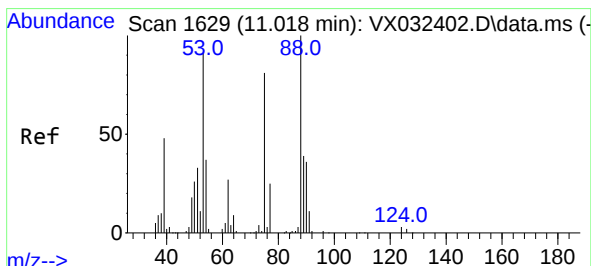
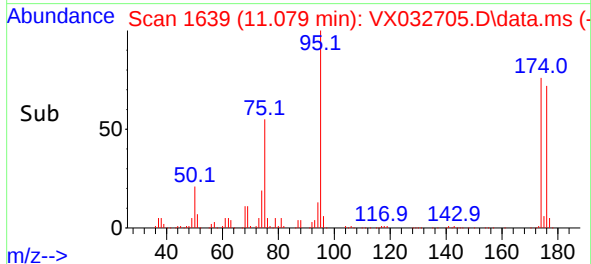
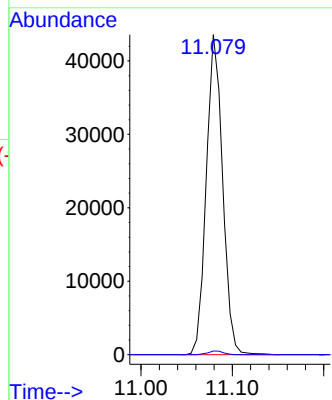
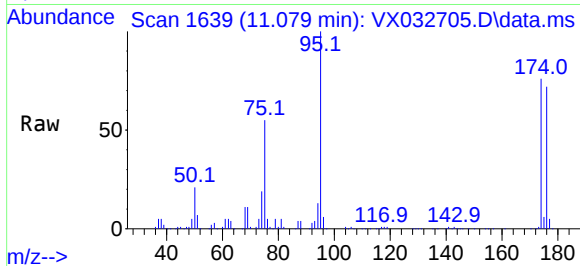




#76
1,2,3-Trichloropropane
Concen: 28.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tgt Ion: 75 Resp: 53862
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032705.D
Acq: 10 Nov 2022 04:32

Tgt Ion: 75 Resp: 53862
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

