

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032392.D
 Acq On : 26 Oct 2022 02:29
 Operator : JC/MD
 Sample : N5267-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP5-1024

Quant Time: Oct 27 14:21:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

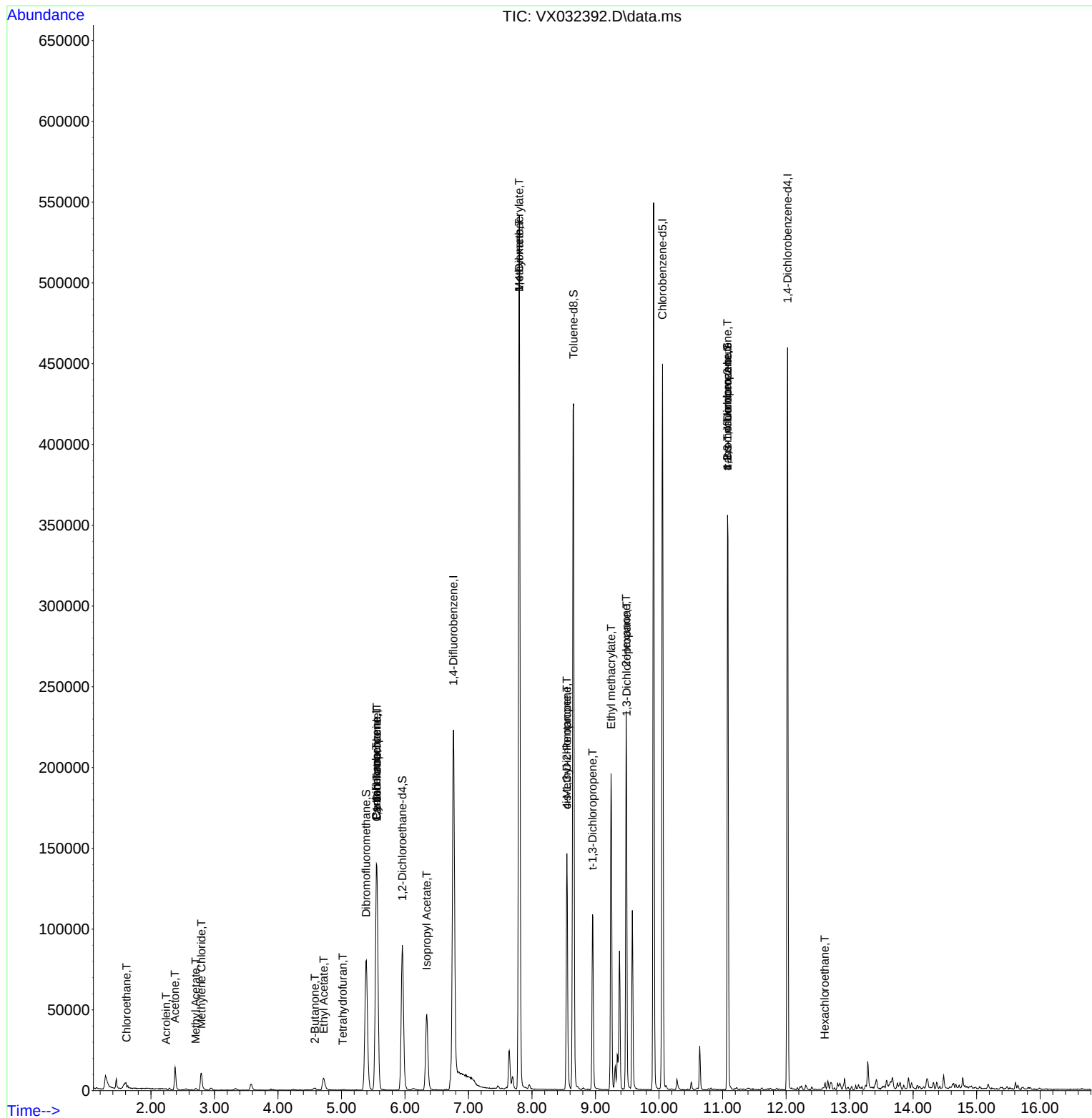
Internal Standards						
1) Pentafluorobenzene	5.550	168	133456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87714	50.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	69000	45.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.480%			
50) Toluene-d8	8.653	98	256150	47.168	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.340%			
62) 4-Bromofluorobenzene	11.079	95	91467	45.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.000%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	341	Below Cal	#	44
6) Chloroethane	1.617	64	24	1.970	ug/l #	41
11) Tert butyl alcohol	2.940	59	999	Below Cal	#	74
13) Acrolein	2.239	56	58	0.274	ug/l #	71
16) Acetone	2.379	43	14953	26.540	ug/l	100
18) Methyl Acetate	2.703	43	1306	0.683	ug/l #	88
20) Methylene Chloride	2.794	84	5620	3.885	ug/l #	88
25) 2-Butanone	4.580	43	2313	2.629	ug/l	94
29) Tetrahydrofuran	5.019	42	183	0.322	ug/l #	42
31) Cyclohexane	5.550	56	2806	1.414	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	10463	5.392	ug/l #	49
37) Ethyl Acetate	4.721	43	13213	6.954	ug/l	98
38) Carbon Tetrachloride	5.556	117	13472	6.576	ug/l #	16
43) Isopropyl Acetate	6.342	43	64142	21.508	ug/l	98
48) Methyl methacrylate	7.799	41	48804	32.814	ug/l #	43
49) 1,4-Dioxane	7.799	88	19	0.637	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	49755	26.616	ug/l #	49
53) t-1,3-Dichloropropene	8.951	75	181	1.898	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	22097	10.144	ug/l #	63
56) Ethyl methacrylate	9.244	69	428	0.201	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	2092	0.873	ug/l #	42
59) 2-Hexanone	9.482	43	28374	20.342	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	49981	27.541	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	49981	84.507	ug/l #	6
90) Hexachloroethane	12.609	117	202	0.224	ug/l #	11

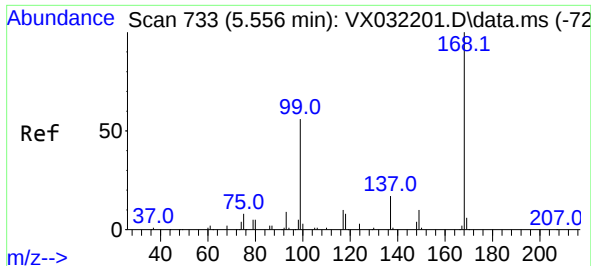
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
Data File : VX032392.D
Acq On : 26 Oct 2022 02:29
Operator : JC/MD
Sample : N5267-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

Quant Time: Oct 27 14:21:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

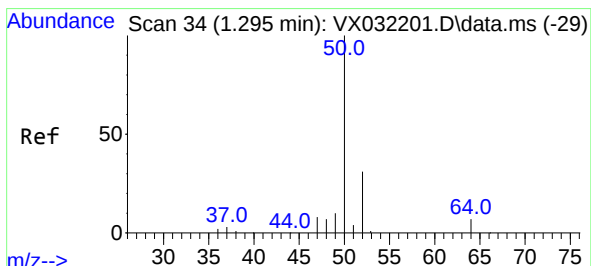
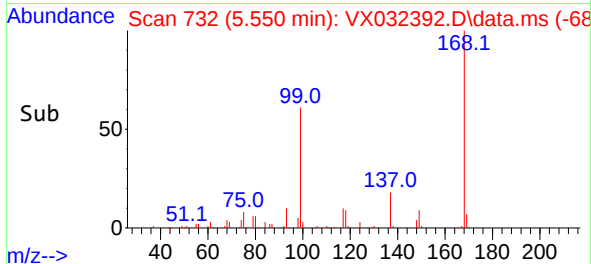
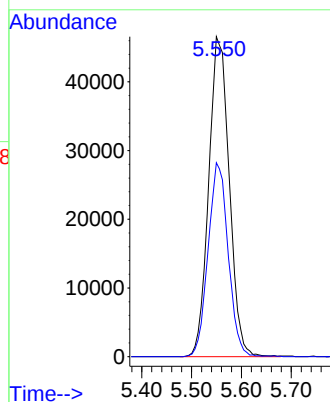
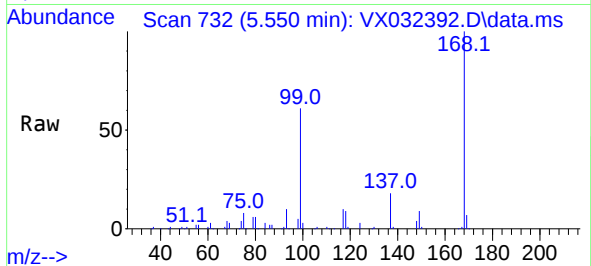




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

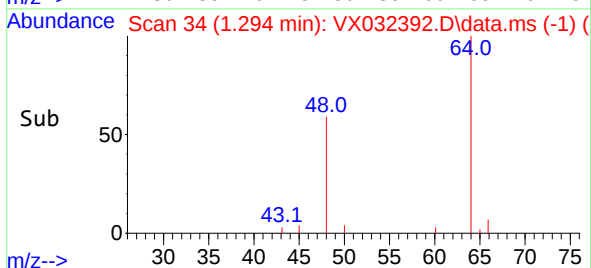
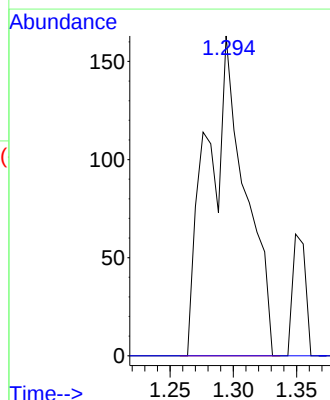
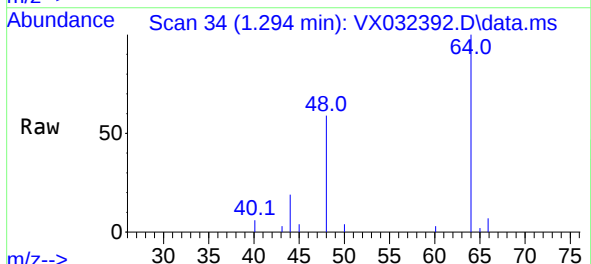
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

Tgt Ion:168 Resp: 133456
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2

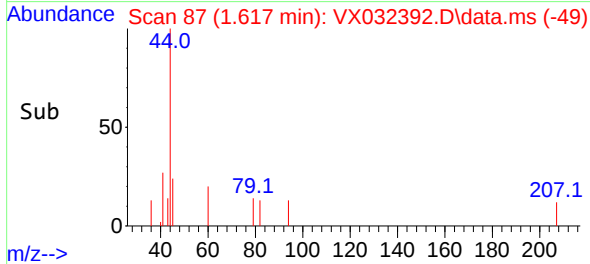
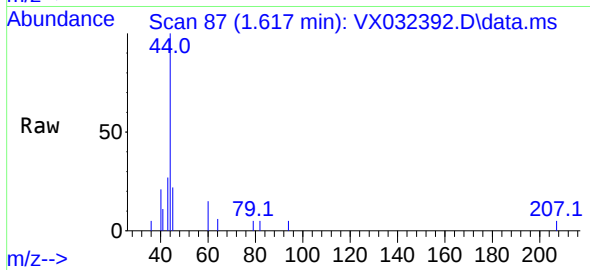
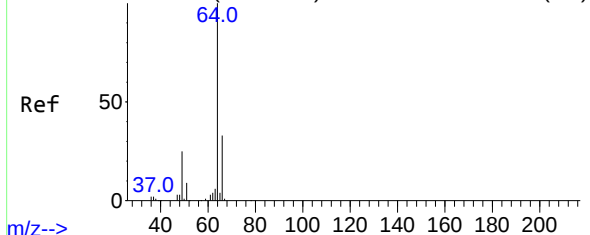


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6

Chloroethane

Concen: 1.970 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.068 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

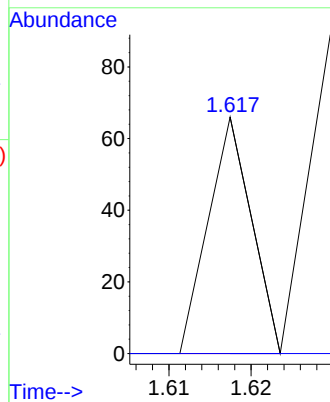
TP5-1024

Tgt Ion: 64 Resp: 24

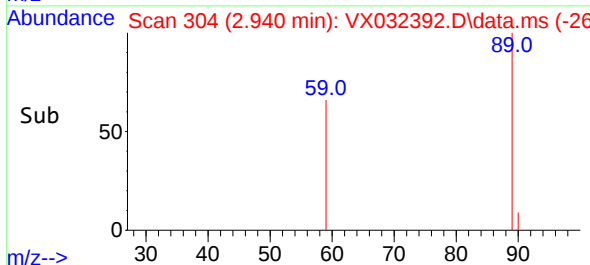
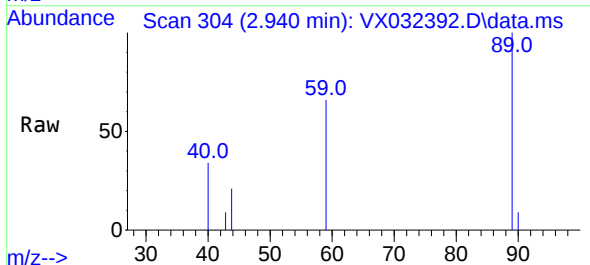
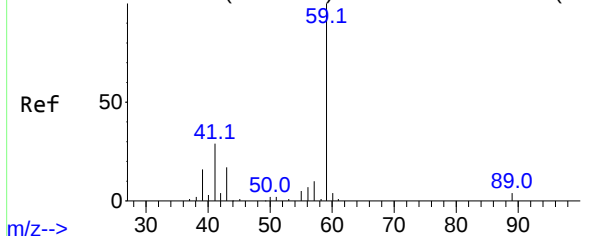
Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#



Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX032392.D

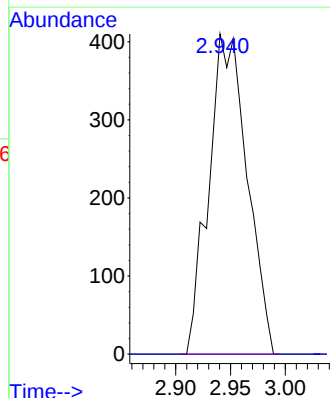
Acq: 26 Oct 2022 02:29

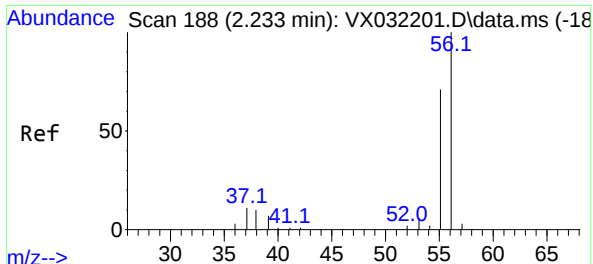
Tgt Ion: 59 Resp: 999

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#

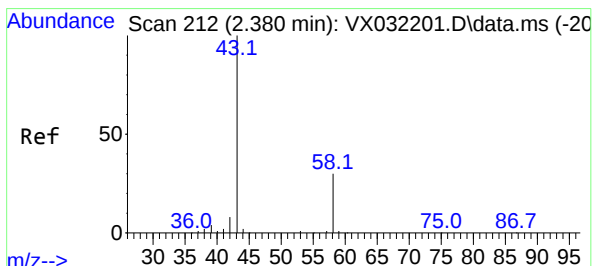
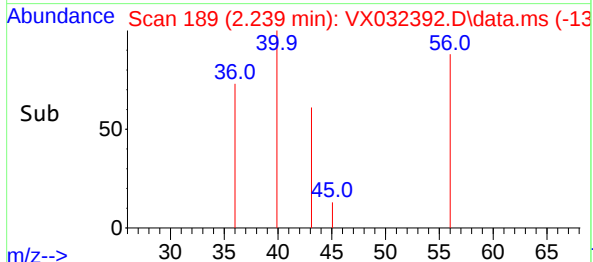
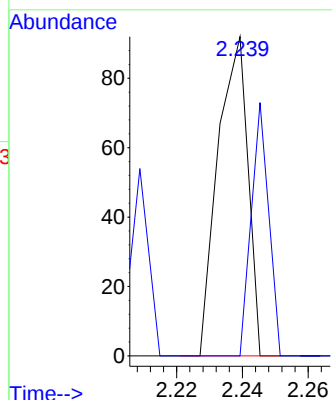
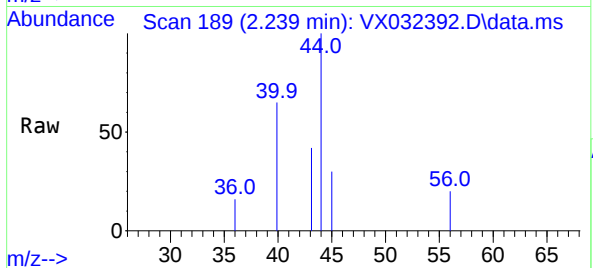




#13
Acrolein
Concen: 0.274 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

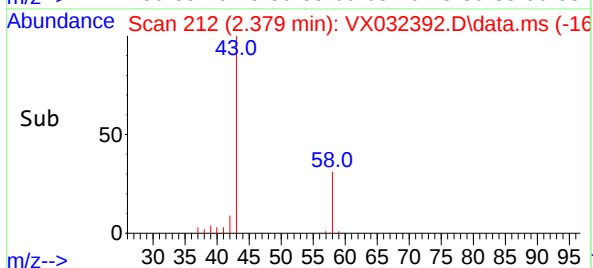
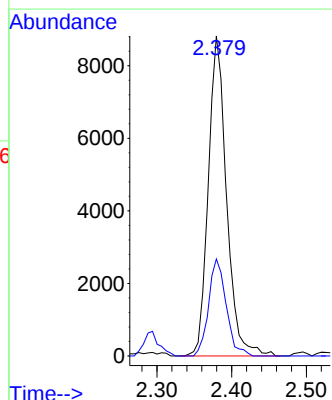
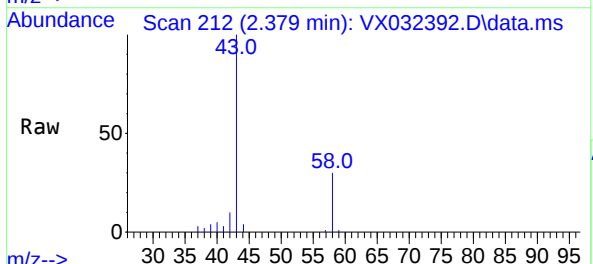
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

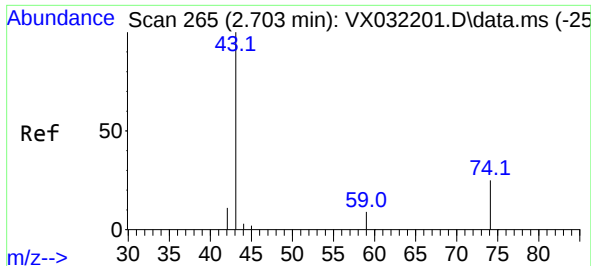
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 46.6 56.4 84.6#



#16
Acetone
Concen: 26.540 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 43 Resp: 14953
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.2





#18

Methyl Acetate

Concen: 0.683 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

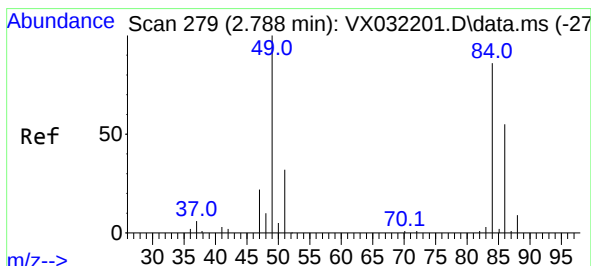
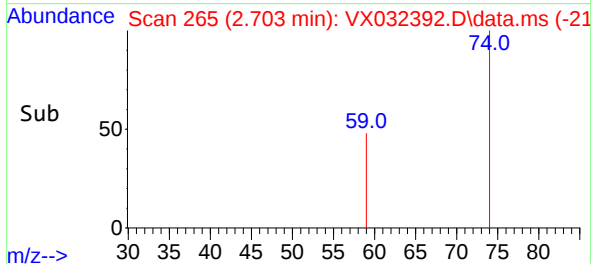
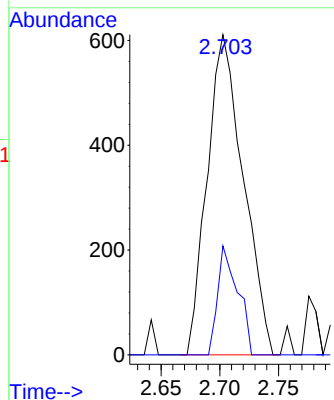
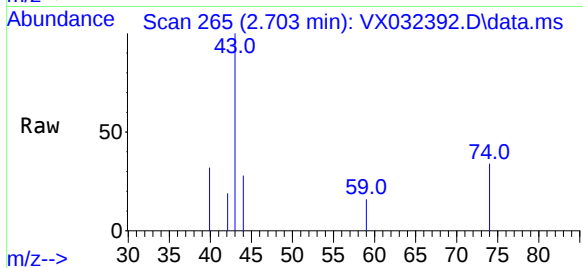
TP5-1024

Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

74 18.9 19.8 29.8#



#20

Methylene Chloride

Concen: 3.885 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Tgt Ion: 84 Resp: 5620

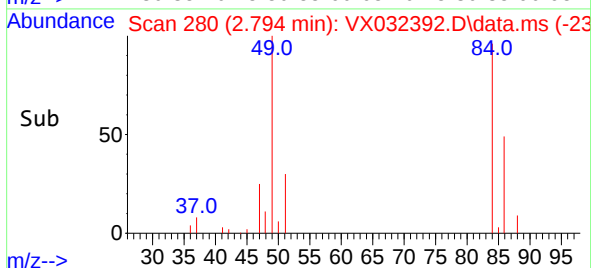
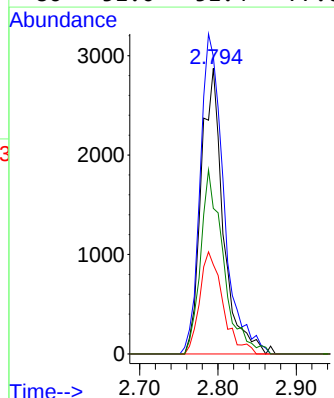
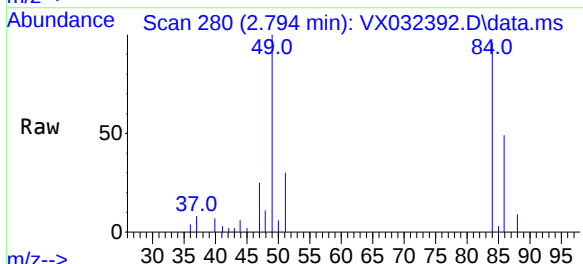
Ion Ratio Lower Upper

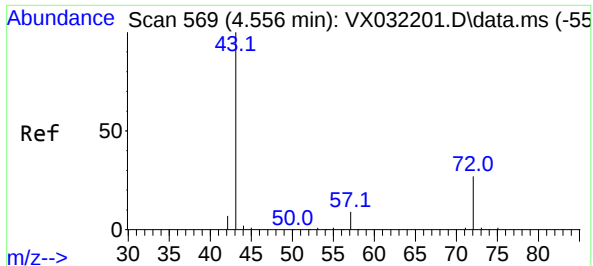
84 100

49 104.2 92.6 139.0

51 31.2 29.2 43.8

86 51.0 51.4 77.0#





#25

2-Butanone

Concen: 2.629 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

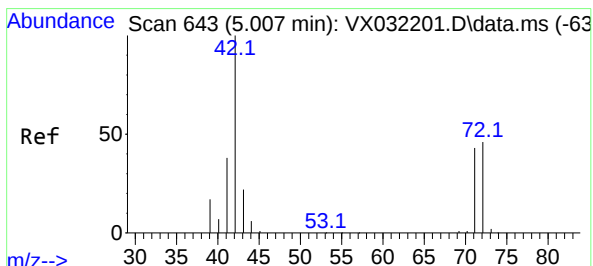
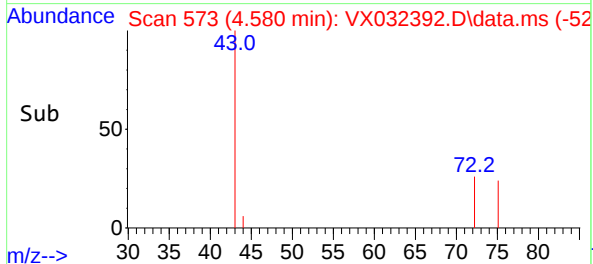
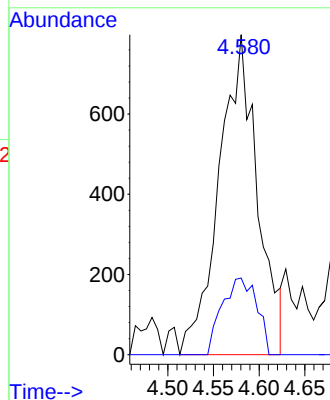
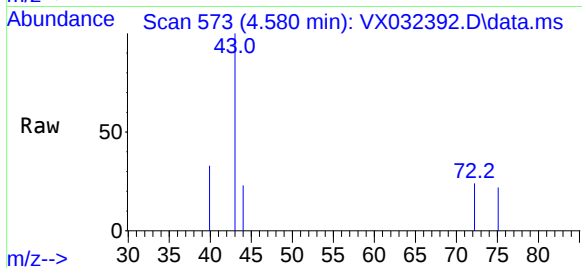
TP5-1024

Tgt Ion: 43 Resp: 2313

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.322 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

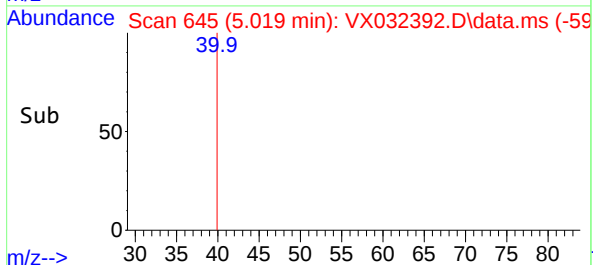
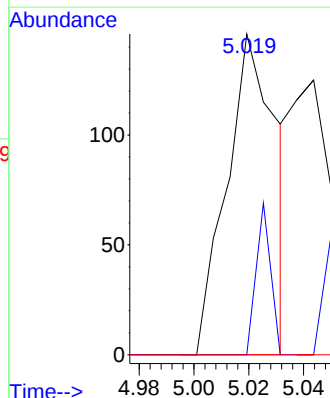
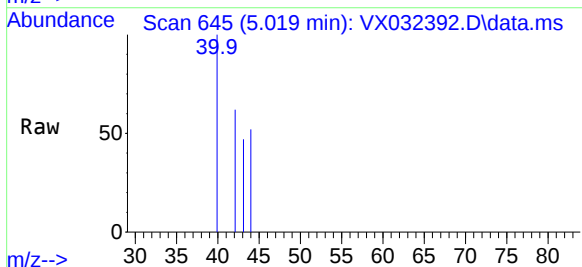
Tgt Ion: 42 Resp: 183

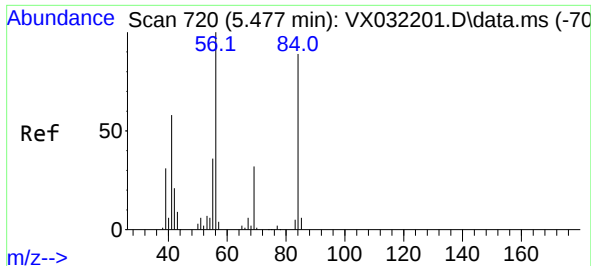
Ion Ratio Lower Upper

42 100

72 13.7 37.5 56.3#

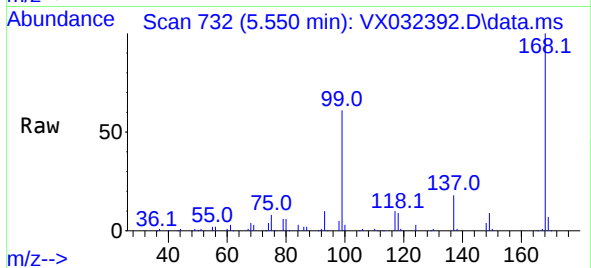
71 0.0 34.7 52.1#



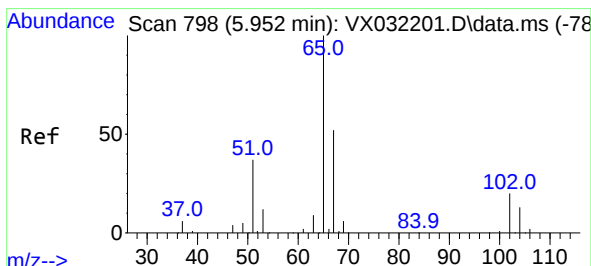
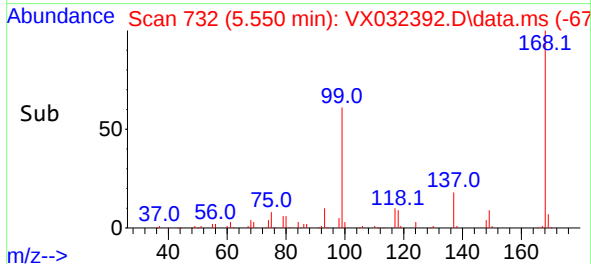
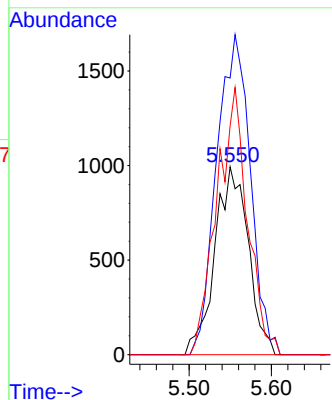


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

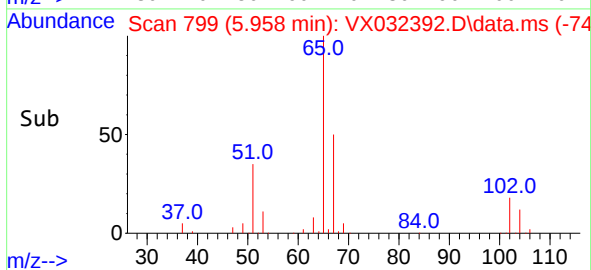
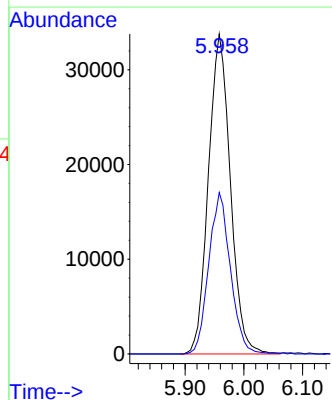
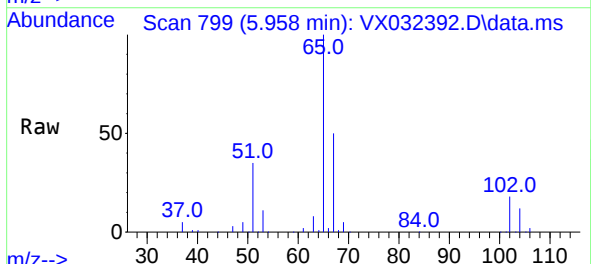


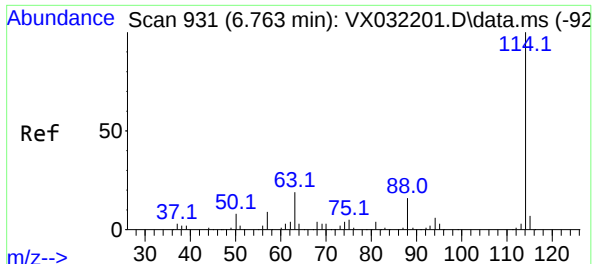
Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 147.3 25.4 38.0#
84 121.9 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 50.523 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 65 Resp: 87714
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.6

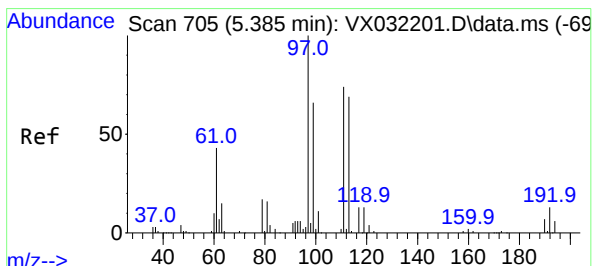
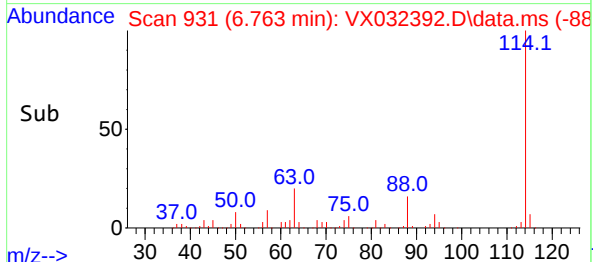
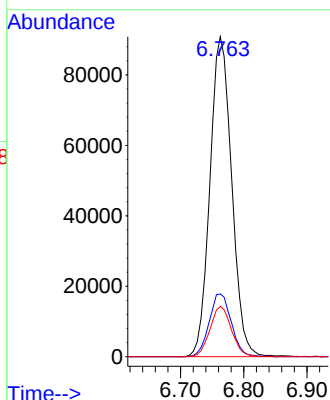
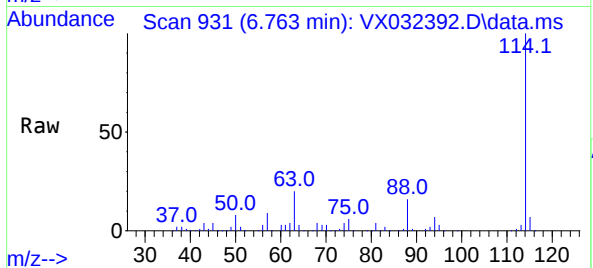




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

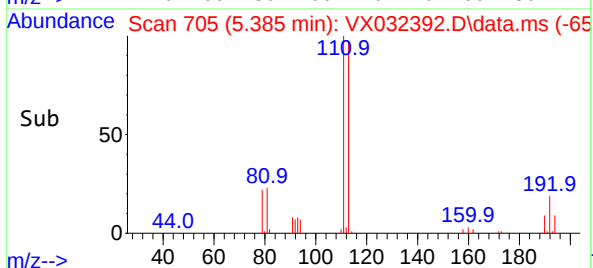
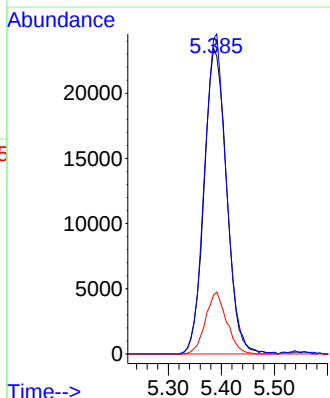
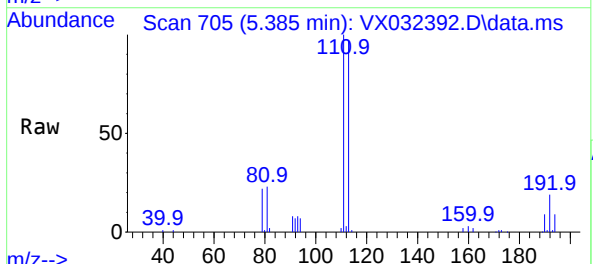
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

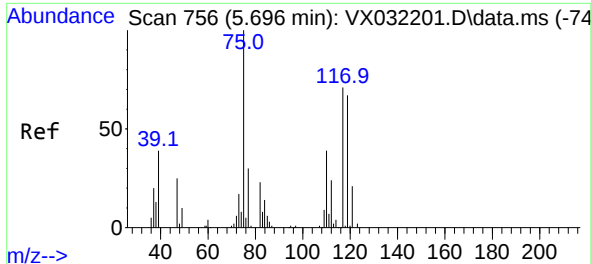
Tgt Ion:114 Resp: 216796
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.737 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion:113 Resp: 69000
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.1 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.392 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

TP5-1024

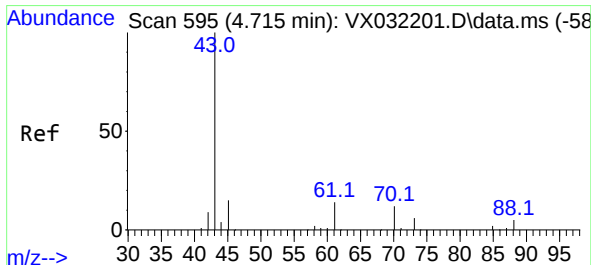
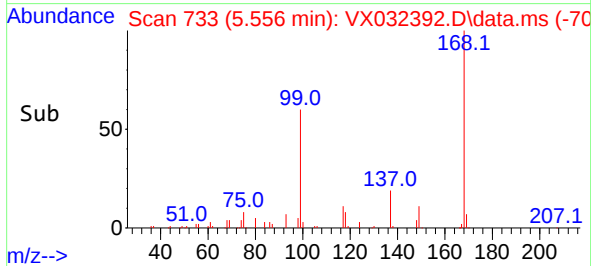
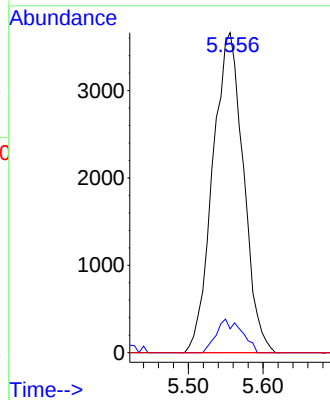
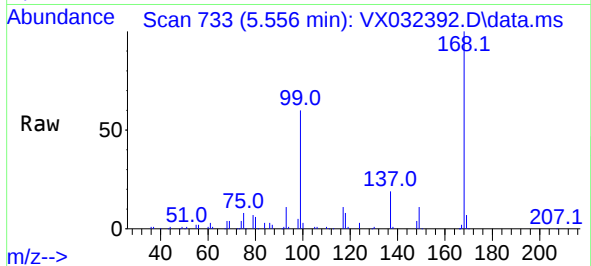
Tgt Ion: 75 Resp: 10463

Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.0#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 6.954 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

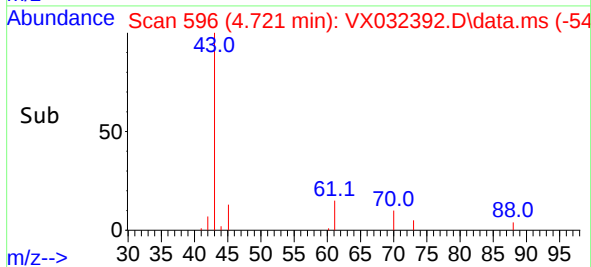
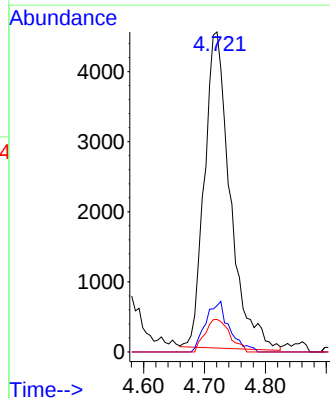
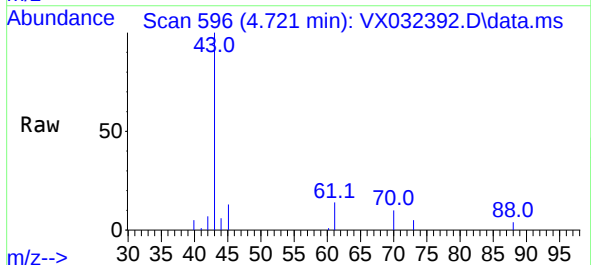
Tgt Ion: 43 Resp: 13213

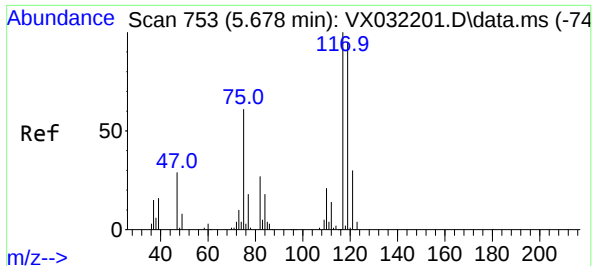
Ion Ratio Lower Upper

43 100

61 14.7 11.4 17.2

70 9.9 8.8 13.2

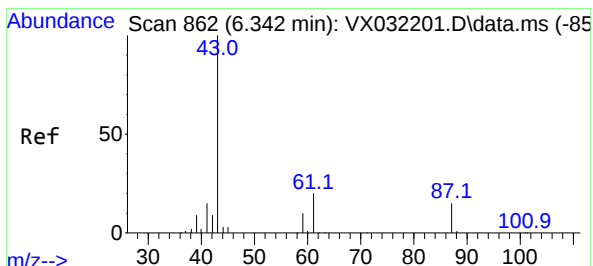
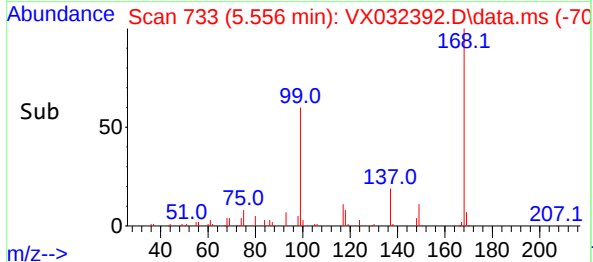
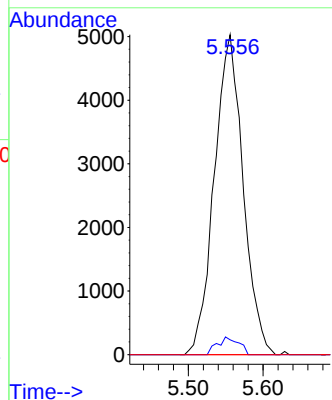
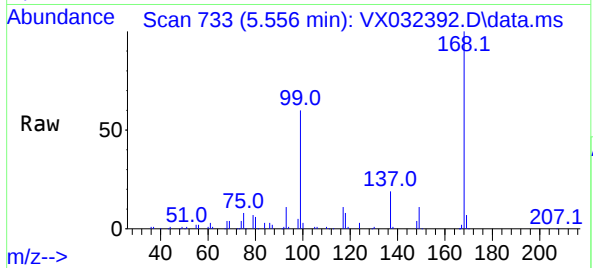




#38
Carbon Tetrachloride
Concen: 6.576 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

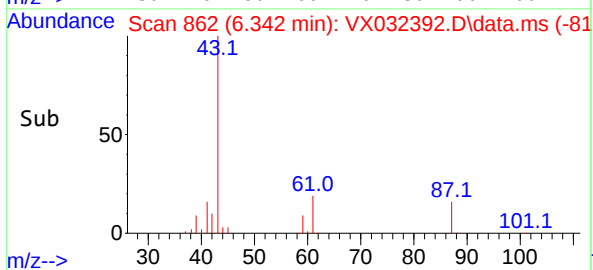
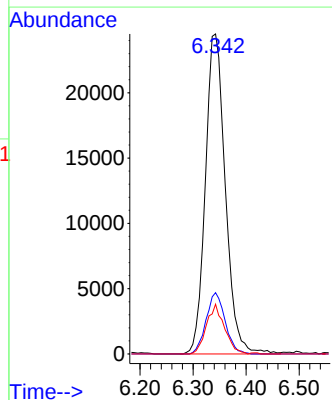
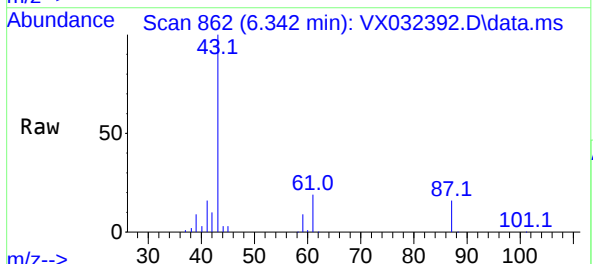
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

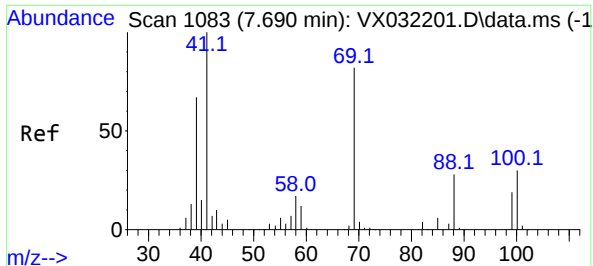
Tgt Ion:117 Resp: 13472
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 21.508 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 43 Resp: 64142
Ion Ratio Lower Upper
43 100
61 18.2 15.5 23.3
87 14.0 11.0 16.6

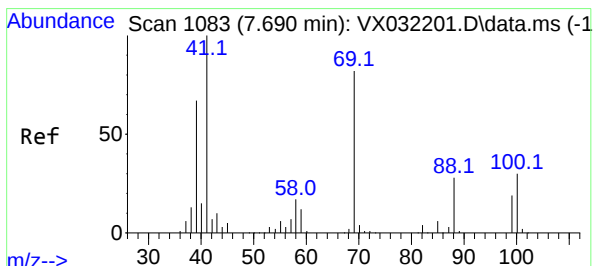
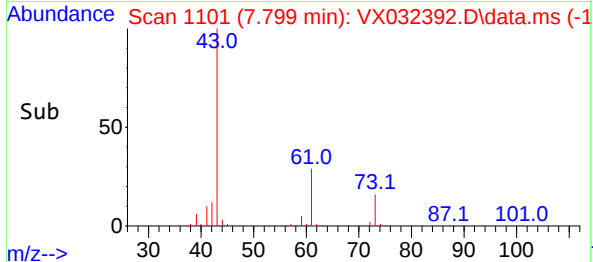
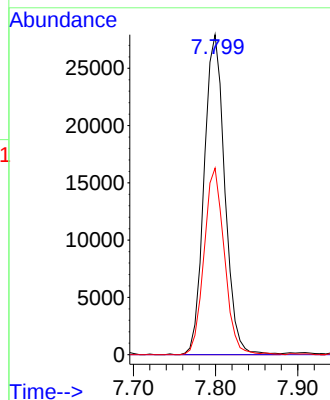
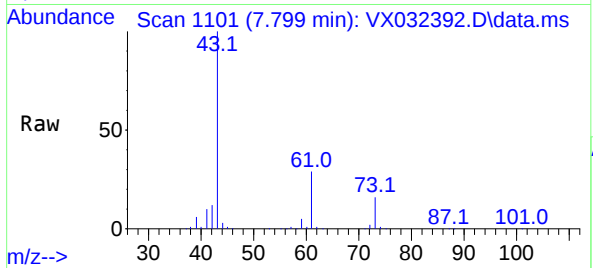




#48
Methyl methacrylate
Concen: 32.814 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

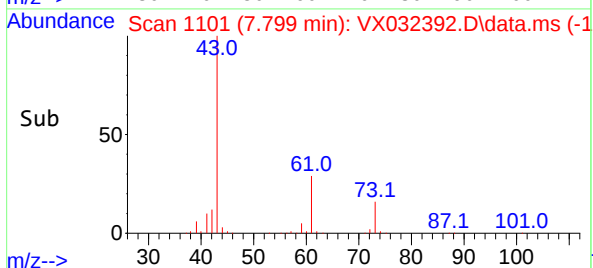
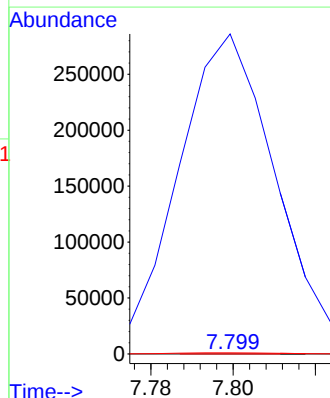
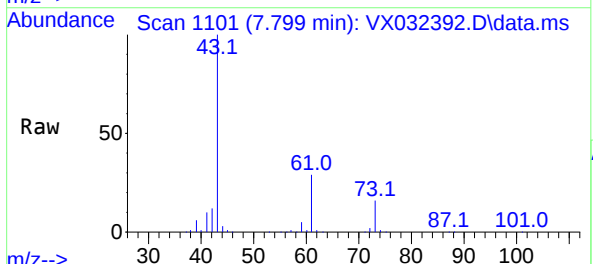
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

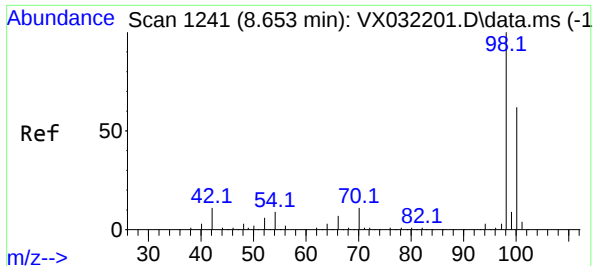
Tgt Ion: 41 Resp: 48804
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 57.4 53.8 80.8



#49
1,4-Dioxane
Concen: 0.637 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 2538652.6 26.9 40.3#
58 10436.8 50.7 76.1#

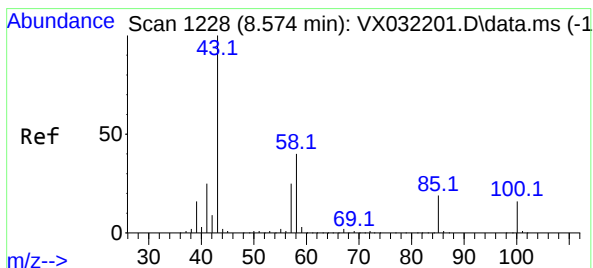
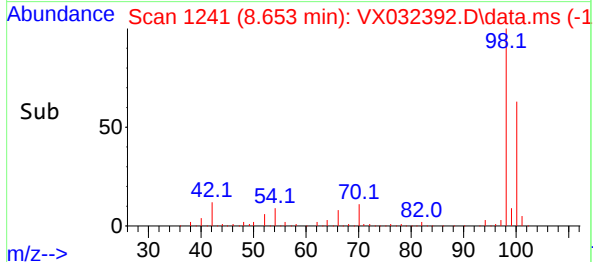
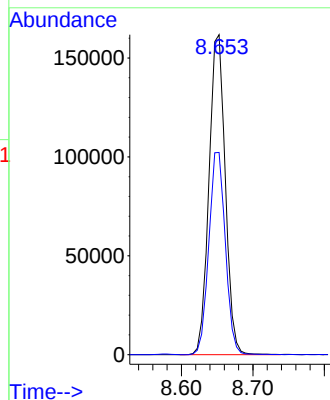
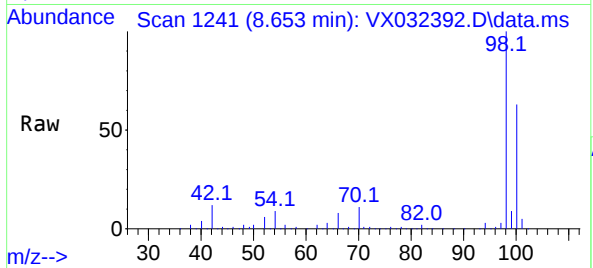




#50
Toluene-d8
Concen: 47.168 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

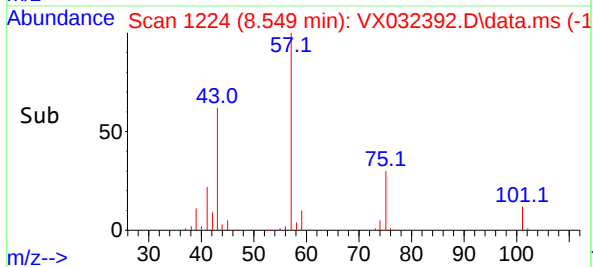
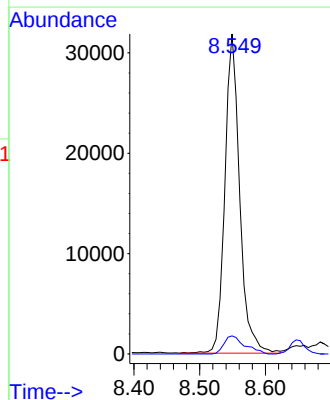
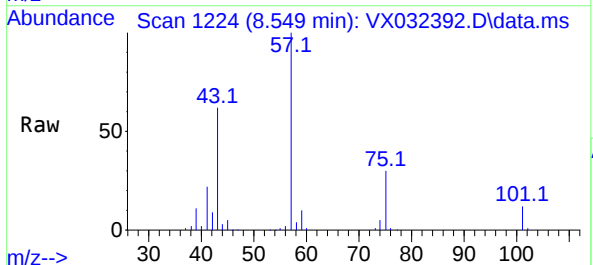
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

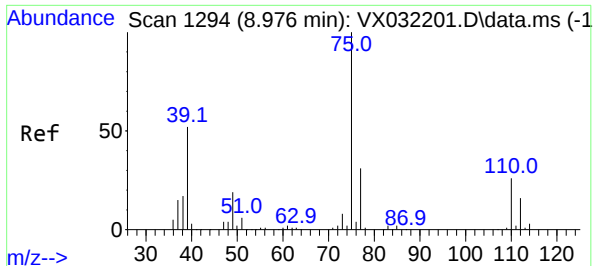
Tgt Ion: 98 Resp: 256150
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 26.616 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 43 Resp: 49755
Ion Ratio Lower Upper
43 100
58 8.0 31.0 46.4#





#53

t-1,3-Dichloropropene

Concen: 1.898 ug/l

RT: 8.951 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

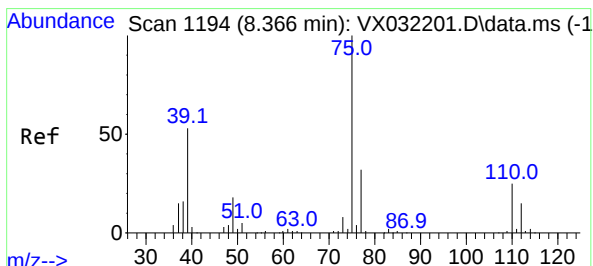
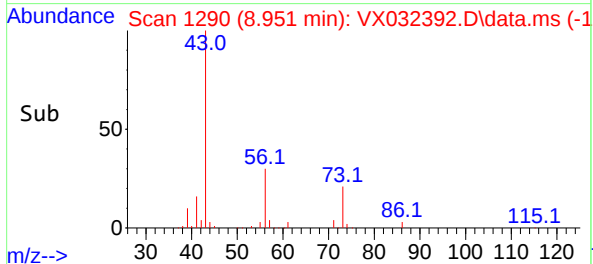
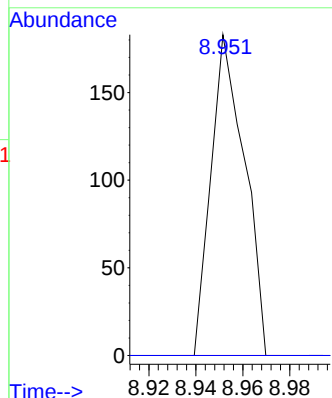
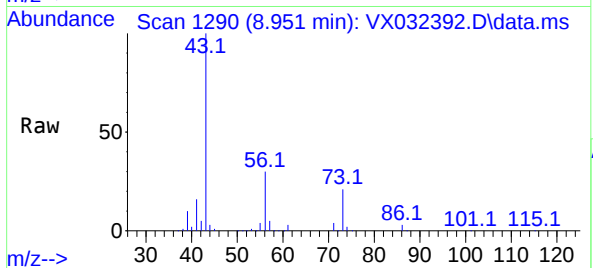
TP5-1024

Tgt Ion: 75 Resp: 181

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 10.144 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

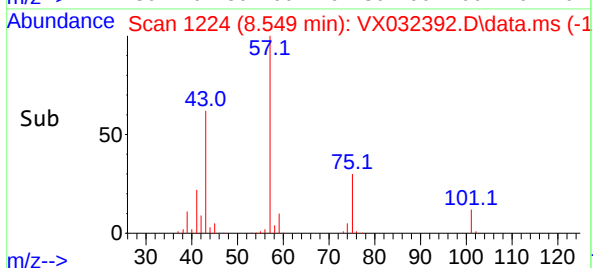
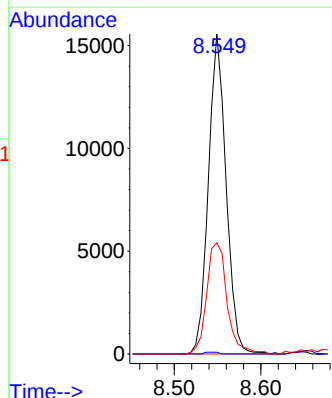
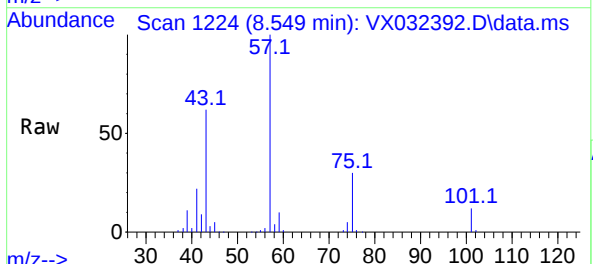
Tgt Ion: 75 Resp: 22097

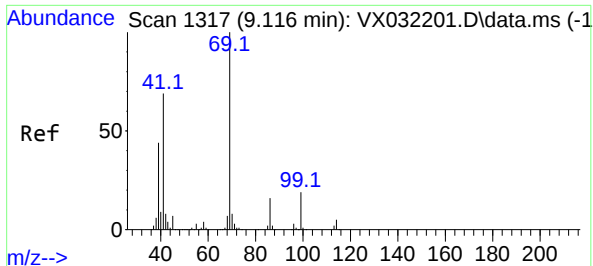
Ion Ratio Lower Upper

75 100

77 0.6 25.3 37.9#

39 34.8 42.4 63.6#

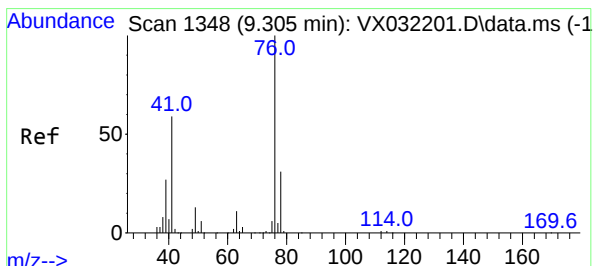
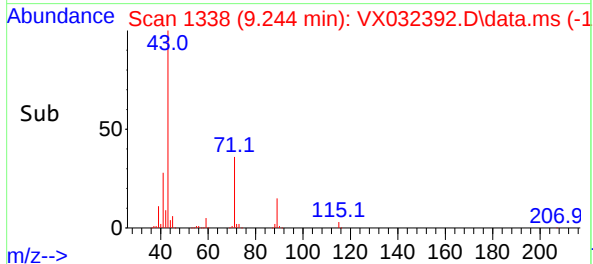
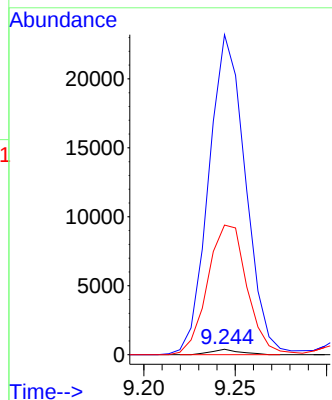
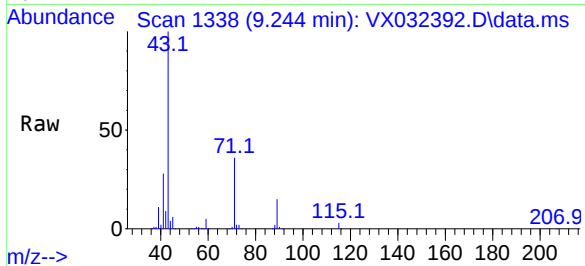




#56
Ethyl methacrylate
Concen: 0.201 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

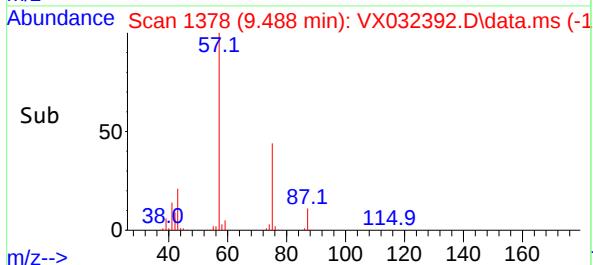
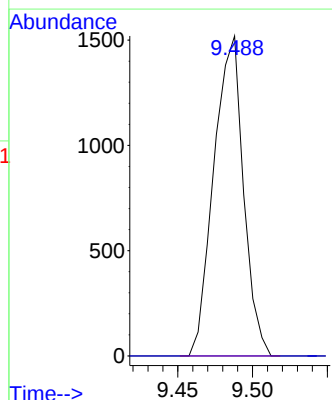
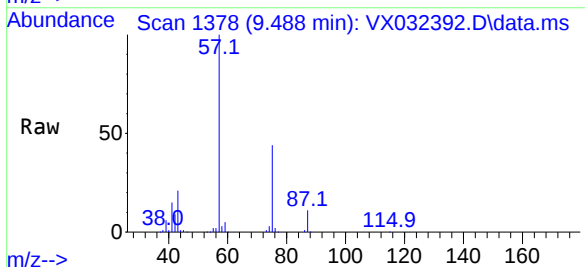
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

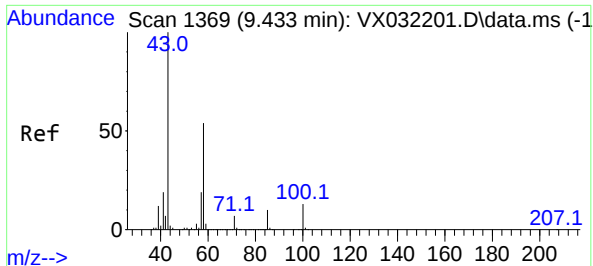
Tgt Ion: 69 Resp: 428
Ion Ratio Lower Upper
69 100
41 7605.4 54.5 81.7#
39 3315.4 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 0.873 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.183 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion: 76 Resp: 2092
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 20.342 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

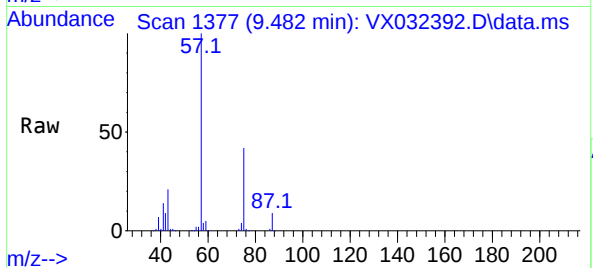
TP5-1024

Tgt Ion: 43 Resp: 28374

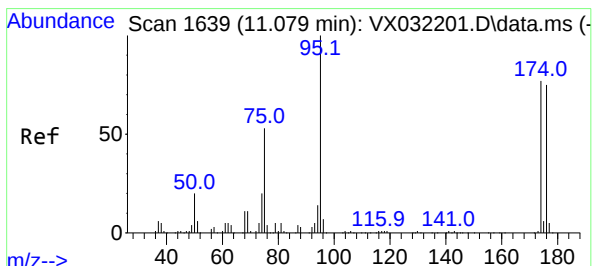
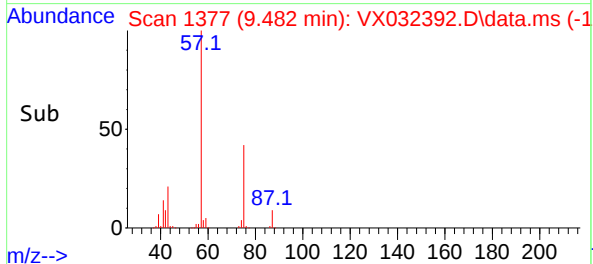
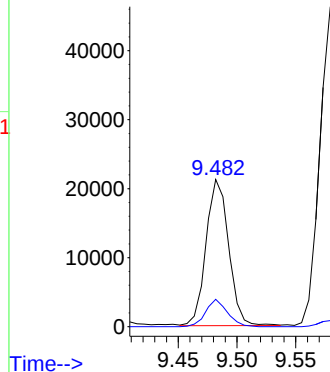
Ion Ratio Lower Upper

43 100

58 18.0 26.7 80.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.996 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032392.D

Acq: 26 Oct 2022 02:29

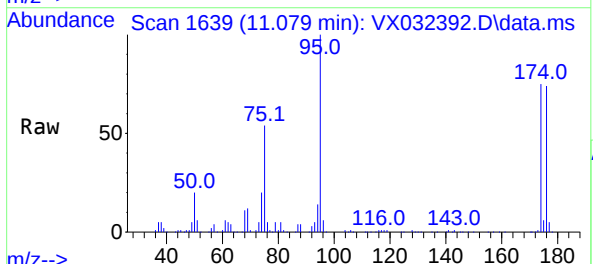
Tgt Ion: 95 Resp: 91467

Ion Ratio Lower Upper

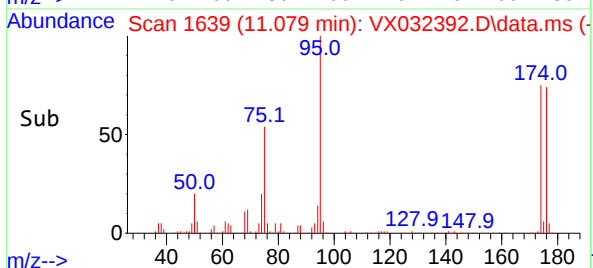
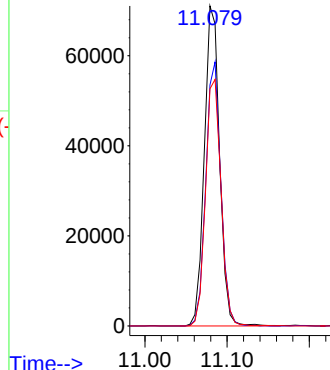
95 100

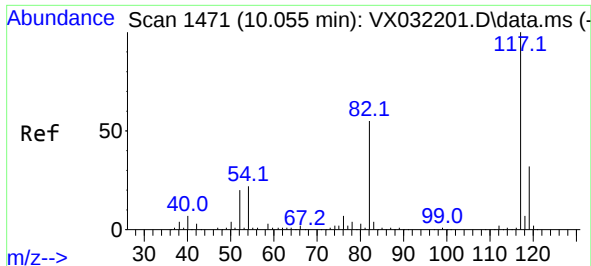
174 81.4 0.0 166.8

176 78.6 0.0 161.4



Abundance

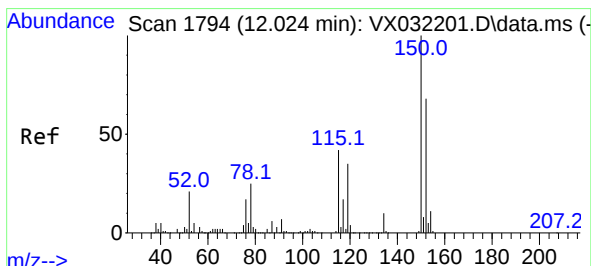
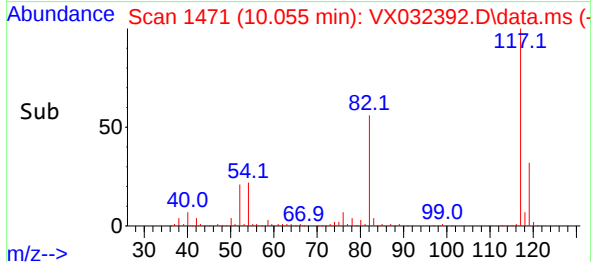
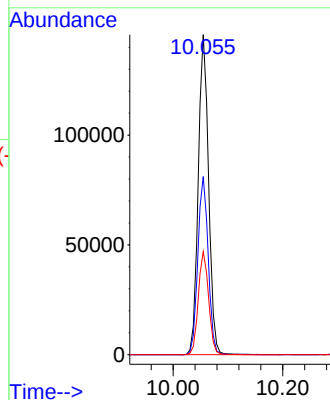
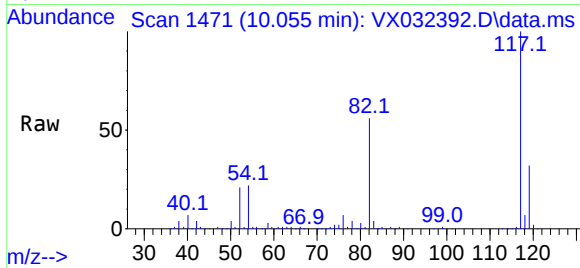




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

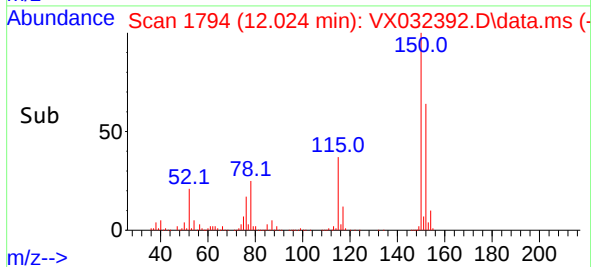
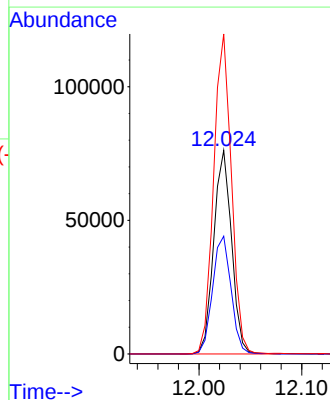
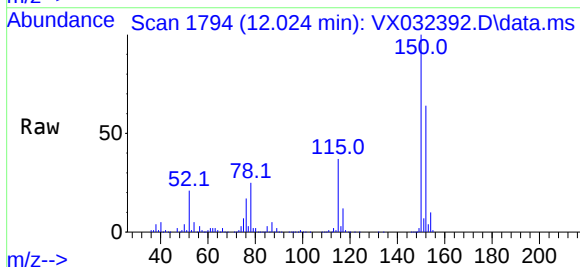
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

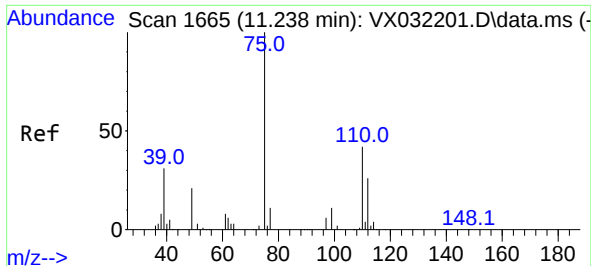
Tgt Ion:117 Resp: 191788
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

Tgt Ion:152 Resp: 91591
Ion Ratio Lower Upper
152 100
115 60.0 43.1 129.4
150 156.7 0.0 348.6

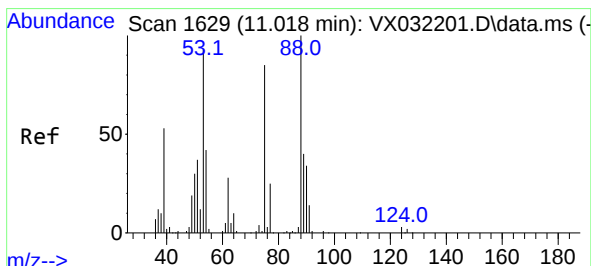
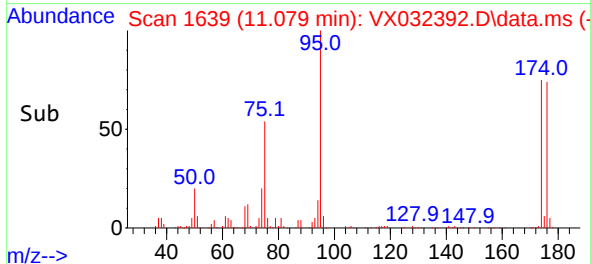
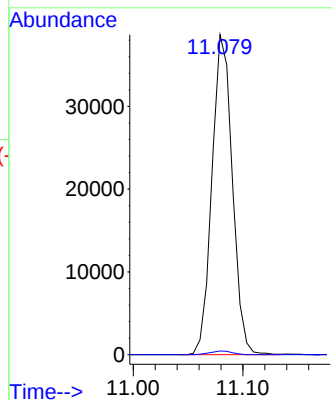
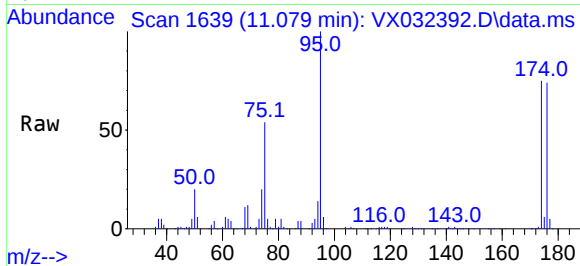




#76
1,2,3-Trichloropropane
Concen: 27.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

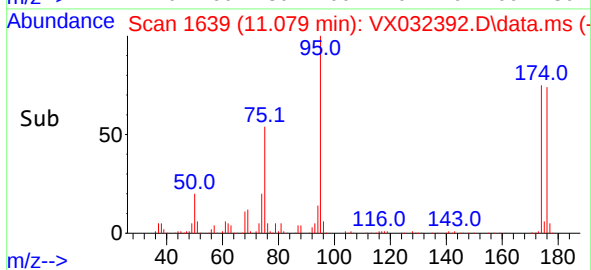
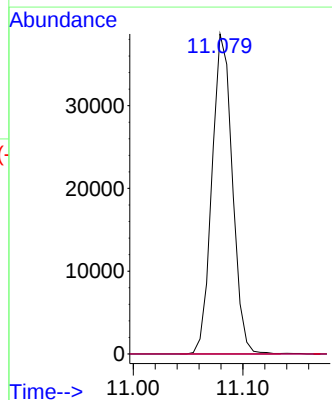
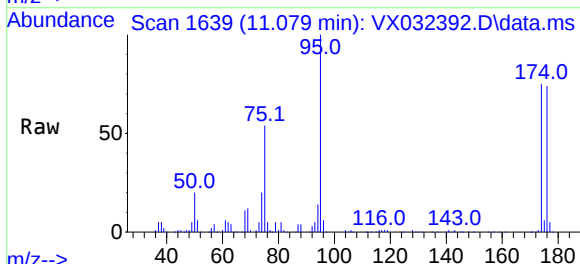
Instrument :
MSVOA_X
ClientSampleId :
TP5-1024

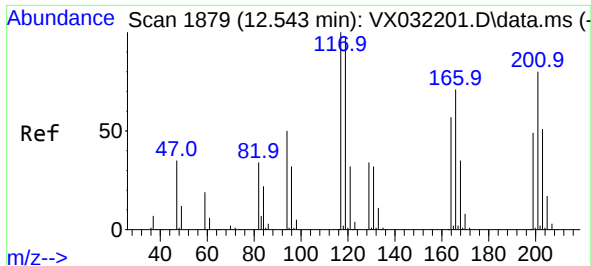
Tgt Ion: 75 Resp: 49981
Ion Ratio Lower Upper
75 100
77 1.2 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032392.D
Acq: 26 Oct 2022 02:29

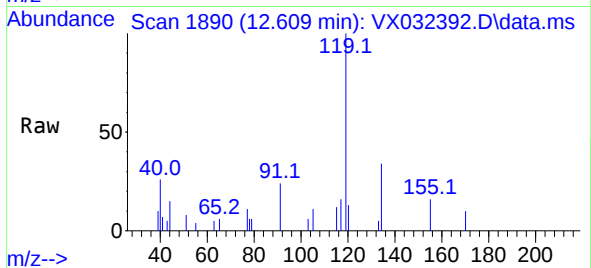
Tgt Ion: 75 Resp: 49981
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#





#90
 Hexachloroethane
 Concen: 0.224 ug/l
 RT: 12.609 min Scan# 11
 Delta R.T. 0.066 min
 Lab File: VX032392.D
 Acq: 26 Oct 2022 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TP5-1024



Tgt Ion:117 Resp: 202
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.5 115.3#

