

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043124.D
 Acq On : 24 Sep 2024 15:49
 Operator : JC/MD
 Sample : P4144-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78359	53.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.540%	
35) Dibromofluoromethane	5.385	113	60078	50.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	8.647	98	208794	51.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	80274	49.450	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.900%	

Target Compounds						Qvalue
3) Chloromethane	1.270	50	952	0.987	ug/l #	66
6) Chloroethane	1.685	64	532	0.848	ug/l #	42
8) Diethyl Ether	2.044	74	3055	5.234	ug/l	79
11) Tert butyl alcohol	2.953	59	58715	178.778	ug/l	100
13) Acrolein	2.239	56	1177	27.202	ug/l #	15
14) Allyl chloride	2.642	41	1623	0.931	ug/l #	20
15) Acrylonitrile	3.075	53	785	1.378	ug/l #	40
16) Acetone	2.380	43	556024	808.288	ug/l	100
17) Carbon Disulfide	2.514	76	4553	1.952	ug/l #	94
18) Methyl Acetate	2.703	43	24708	13.345	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5288	1.479	ug/l #	50
20) Methylene Chloride	2.794	84	57812	52.824	ug/l	94
22) Diisopropyl ether	3.764	45	1956	0.599	ug/l #	66
23) Vinyl Acetate	3.757	43	1363	0.355	ug/l #	72
25) 2-Butanone	4.562	43	32682	36.856	ug/l	97
29) Tetrahydrofuran	5.019	42	1540	2.888	ug/l #	51
31) Cyclohexane	5.471	56	20053	13.862	ug/l	99
36) 1,1-Dichloropropene	5.544	75	7533	5.145	ug/l #	49
37) Ethyl Acetate	4.715	43	3236	1.760	ug/l #	90
38) Carbon Tetrachloride	5.550	117	9733	5.161	ug/l #	15
39) Methylcyclohexane	7.379	83	11303	6.152	ug/l	96
40) Benzene	6.044	78	6956522	1610.309	ug/l	99
41) Methacrylonitrile	4.934	41	184	0.201	ug/l #	25
42) 1,2-Dichloroethane	6.044	62	70533	38.452	ug/l #	77
43) Isopropyl Acetate	6.342	43	76433	24.884	ug/l	99
48) Methyl methacrylate	7.604	41	2234	1.481	ug/l #	12
49) 1,4-Dioxane	7.678	88	380	13.343	ug/l #	25
51) 4-Methyl-2-Pentanone	8.549	43	41017	21.737	ug/l #	37
52) Toluene	8.720	92	2854004	1025.847	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	36447	18.845	ug/l #	1
54) cis-1,3-Dichloropropene	8.549	75	18740	9.702	ug/l #	60
55) 1,1,2-Trichloroethane	9.110	97	707	0.617	ug/l #	30
57) 1,3-Dichloropropane	9.482	76	1972	1.012	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.409	63	624	0.774	ug/l #	45
59) 2-Hexanone	9.439	43	5261	3.566	ug/l	95
67) Ethyl Benzene	10.195	91	450935	75.666	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

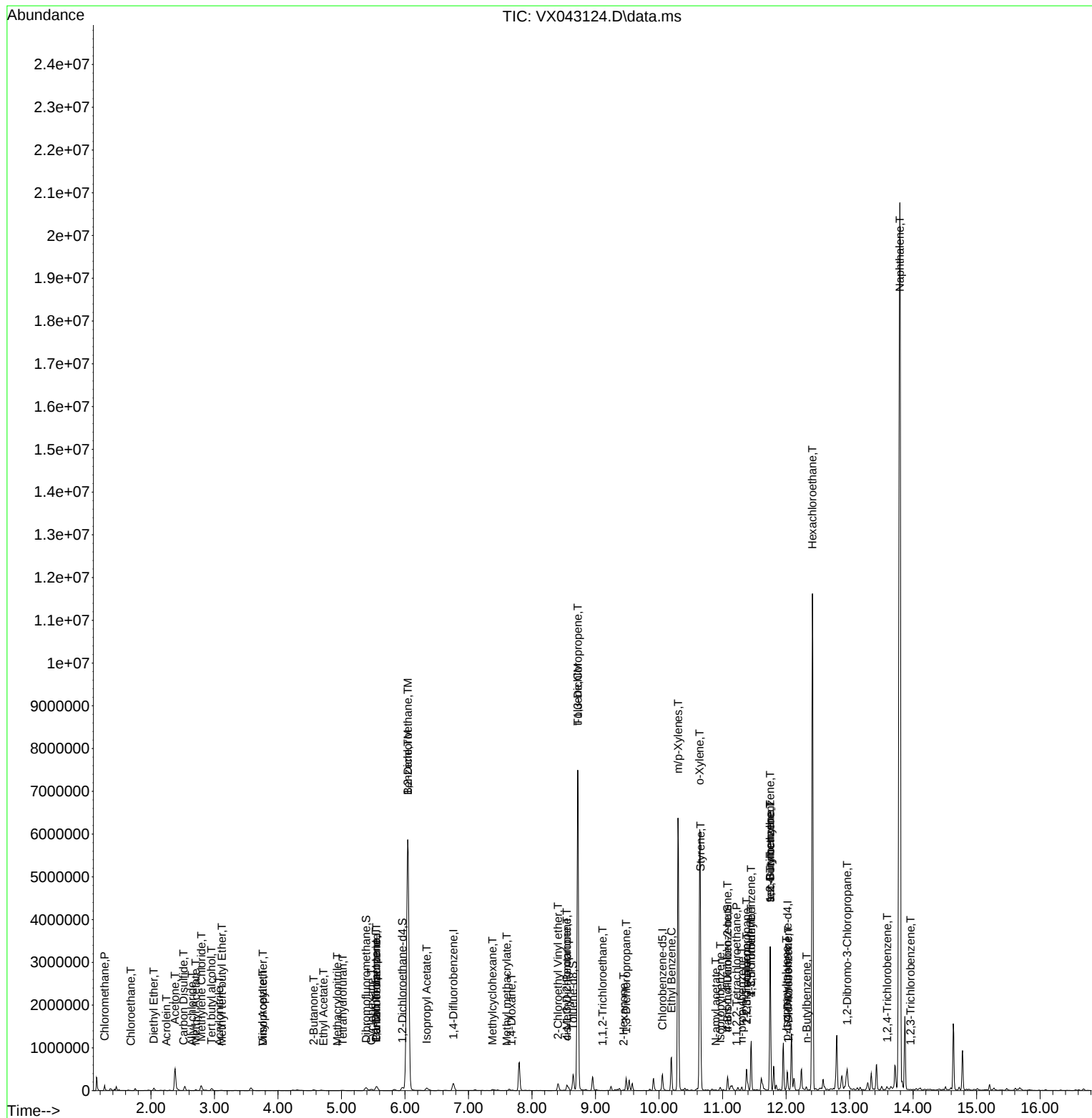
68) m/p-Xylenes	10.299	106	1381823	623.056	ug/l	98
69) o-Xylene	10.640	106	1237407	556.273	ug/l	96
70) Styrene	10.653	104	514400	138.633	ug/l #	67
73) Isopropylbenzene	10.964	105	26647	4.729	ug/l	100
74) N-amyl acetate	10.896	43	3796	1.434	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	11.220	83	1109	0.612	ug/l #	68
76) 1,2,3-Trichloropropane	11.378	75	2970	1.859	ug/l #	1
78) n-propylbenzene	11.305	91	45038	7.045	ug/l	98
79) 2-Chlorotoluene	11.378	91	39488	9.848	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	469548	100.720	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	44589	66.508	ug/l #	8
82) 4-Chlorotoluene	11.451	91	55348	12.077	ug/l #	46
83) tert-Butylbenzene	11.750	119	116314	24.213	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.750	105	1222101	263.496	ug/l	88
85) sec-Butylbenzene	11.750	105	1222101	206.992	ug/l #	57
86) p-Isopropyltoluene	12.006	119	4993	1.019	ug/l #	36
88) 1,4-Dichlorobenzene	12.036	146	620	0.251	ug/l #	35
89) n-Butylbenzene	12.323	91	9020	2.111	ug/l #	6
90) Hexachloroethane	12.414	117	489886	501.493	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	8895	18.145	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	535	0.355	ug/l #	63
95) Naphthalene	13.792	128	16531520	3158.345	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	443	0.296	ug/l #	57

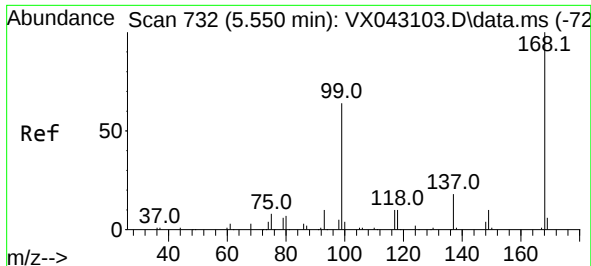
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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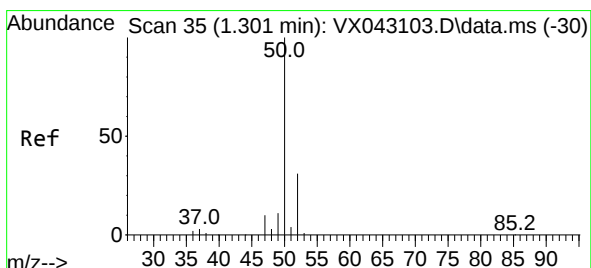
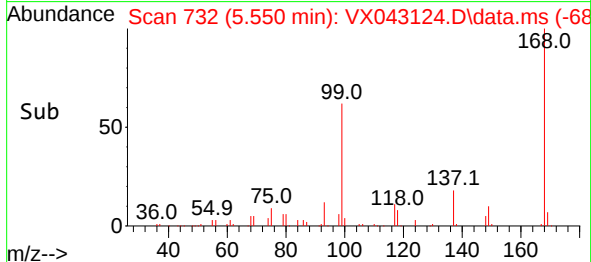
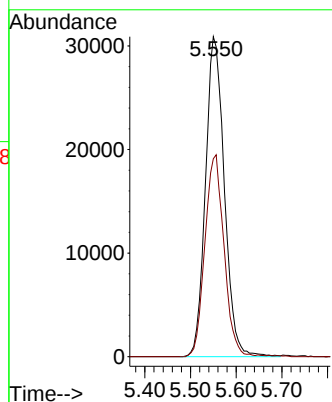
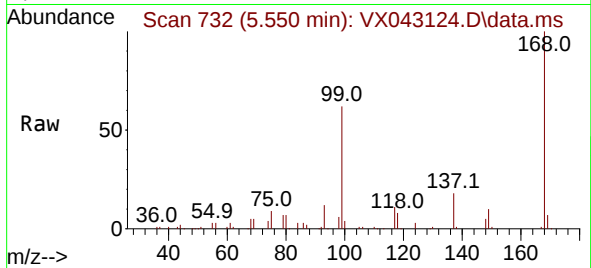




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043124.D
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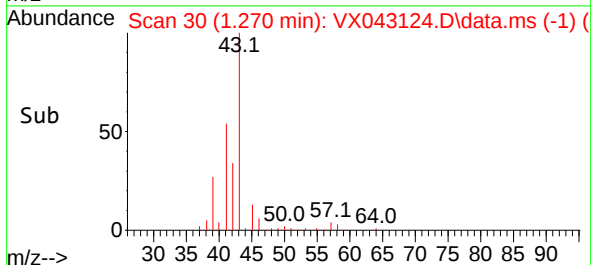
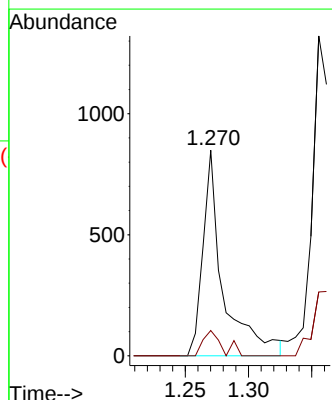
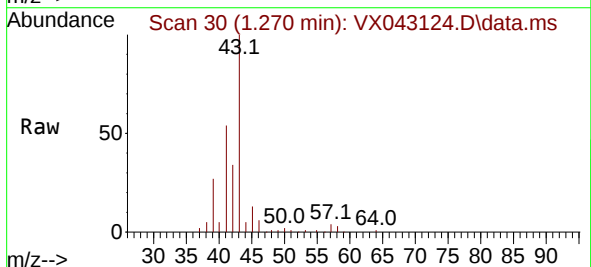
Instrument :
MSVOA_X
ClientSampleId :

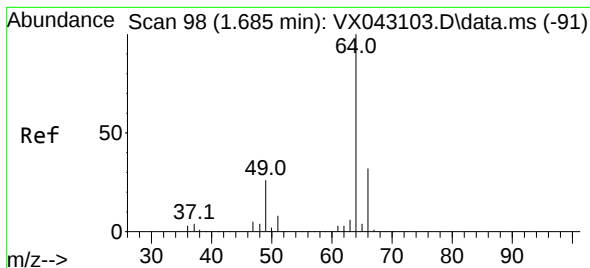
Tgt Ion:168 Resp: 88555
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#3
Chloromethane
Concen: 0.987 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 50 Resp: 952
Ion Ratio Lower Upper
50 100
52 12.4 25.1 37.7#





#6

Chloroethane

Concen: 0.848 ug/l

RT: 1.685 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

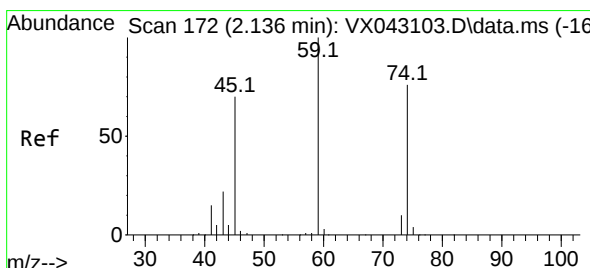
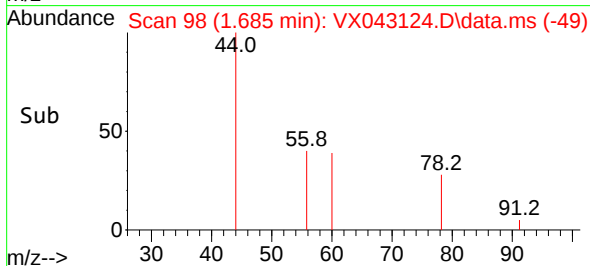
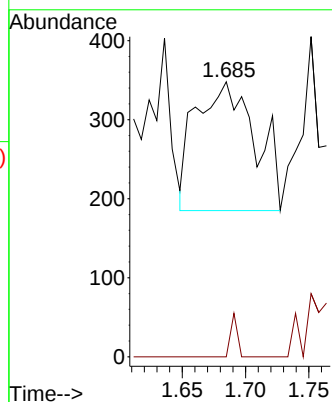
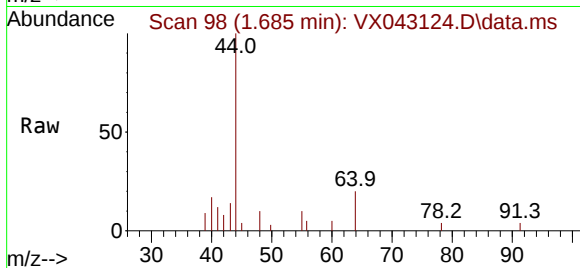
ClientSampleId :

Tgt Ion: 64 Resp: 532

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



#8

Diethyl Ether

Concen: 5.234 ug/l

RT: 2.044 min Scan# 157

Delta R.T. -0.092 min

Lab File: VX043124.D

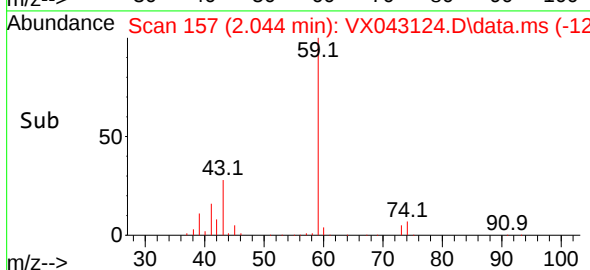
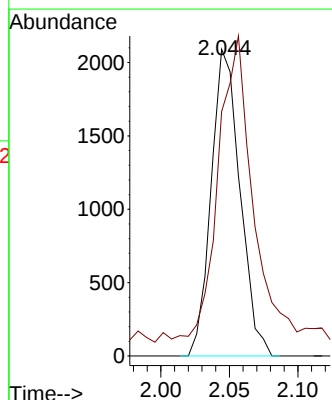
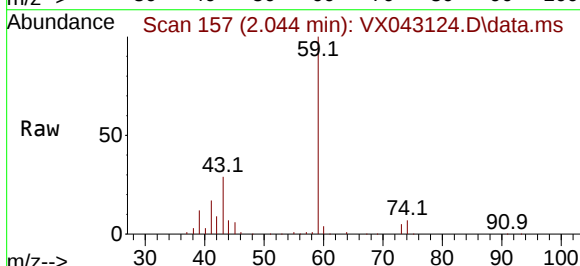
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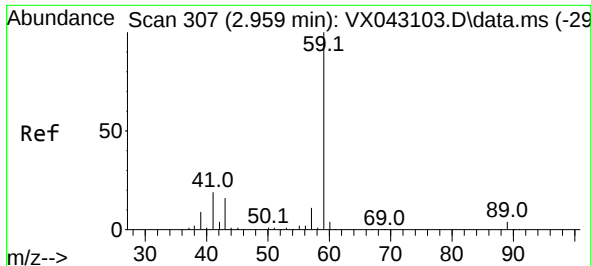
Tgt Ion: 74 Resp: 3055

Ion Ratio Lower Upper

74 100

45 118.1 48.6 145.8

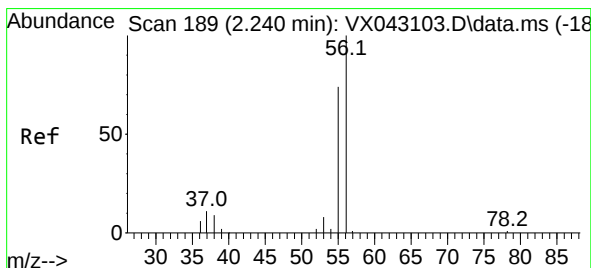
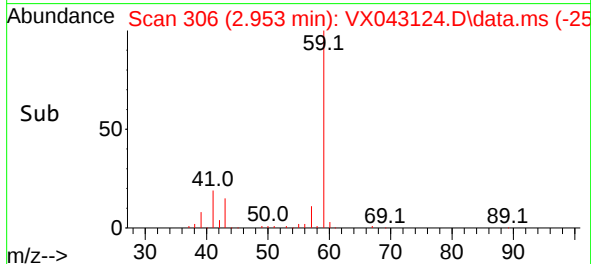
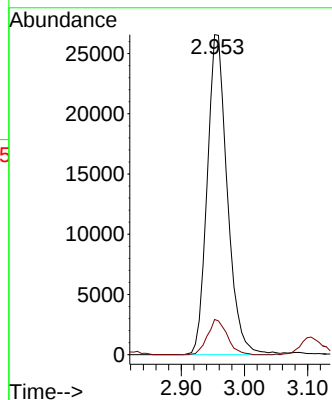
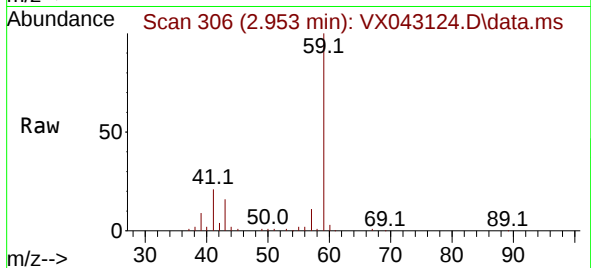




#11
Tert butyl alcohol
Concen: 178.778 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

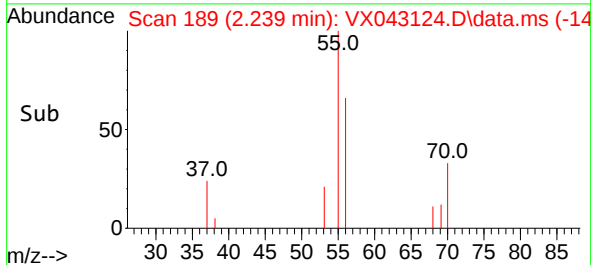
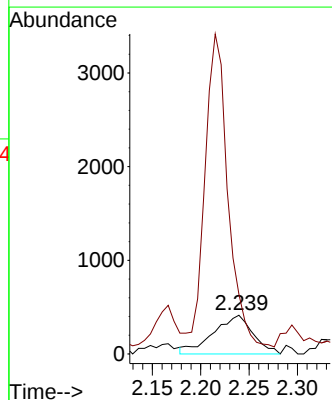
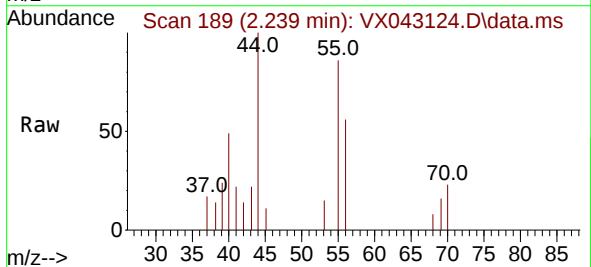
Instrument :
MSVOA_X
ClientSampleId :

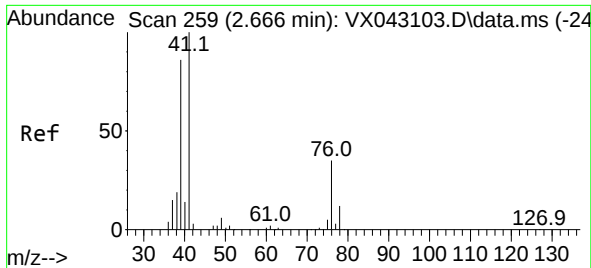
Tgt Ion: 59 Resp: 58715
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#13
Acrolein
Concen: 27.202 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 56 Resp: 1177
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#

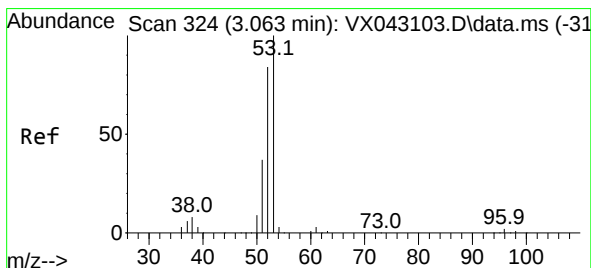
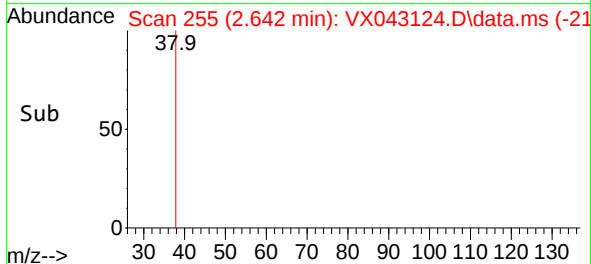
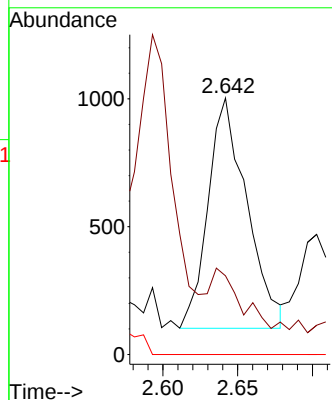
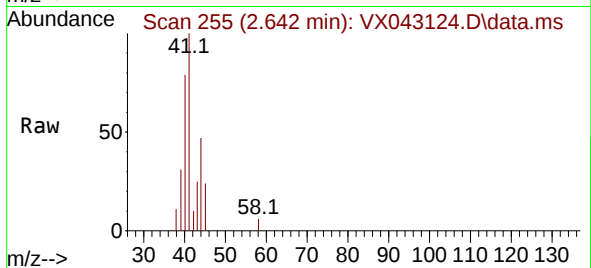




#14
 Allyl chloride
 Concen: 0.931 ug/l
 RT: 2.642 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

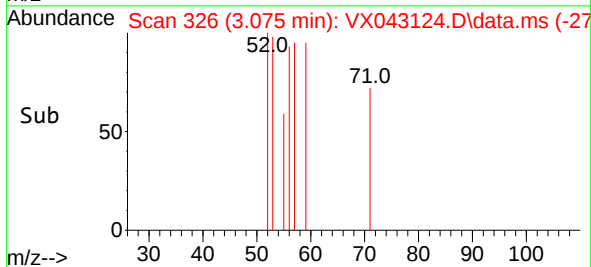
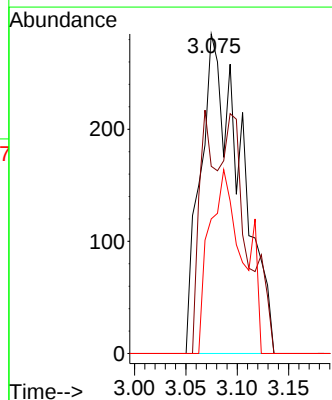
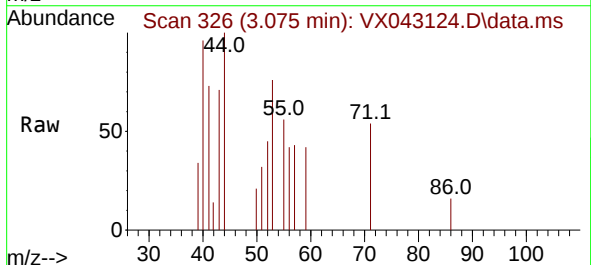
Instrument :
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 ClientSampleId :

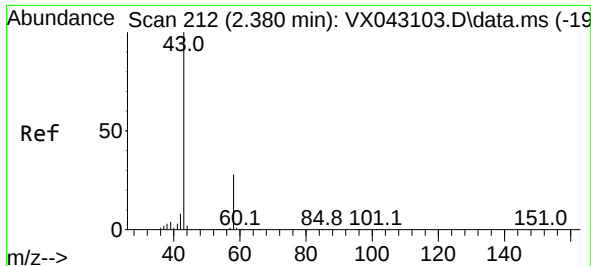
Tgt Ion: 41 Resp: 1623
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.7 92.5#
 76 0.0 29.0 43.6#



#15
 Acrylonitrile
 Concen: 1.378 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.012 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Tgt Ion: 53 Resp: 785
 Ion Ratio Lower Upper
 53 100
 52 32.0 67.8 101.6#
 51 0.0 30.6 45.8#





#16

Acetone

Concen: 808.288 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

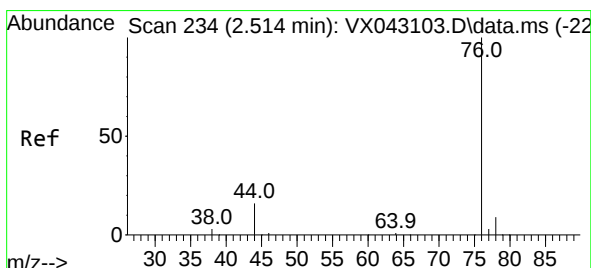
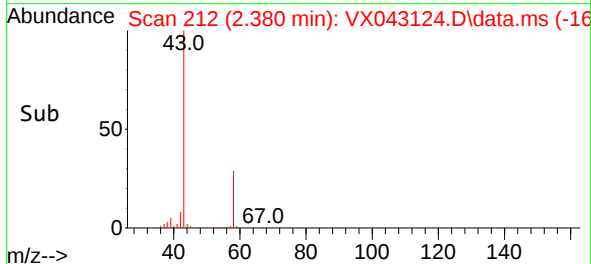
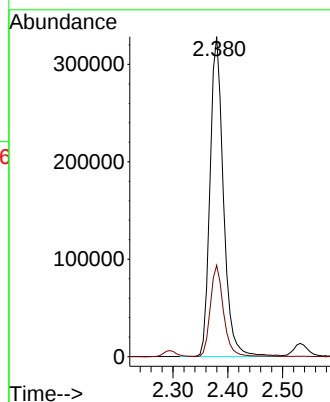
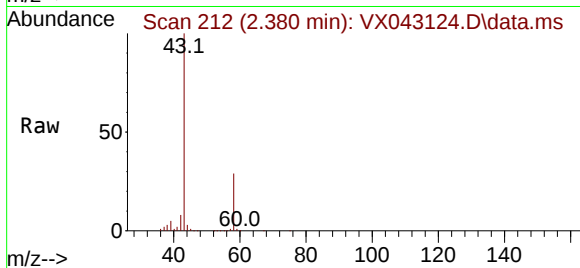
ClientSampleId :

Tgt Ion: 43 Resp: 556024

Ion Ratio Lower Upper

43 100

58 28.5 22.6 34.0



#17

Carbon Disulfide

Concen: 1.952 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX043124.D

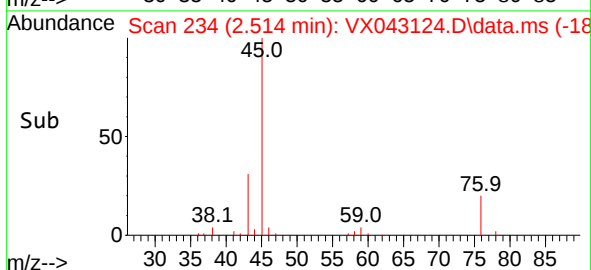
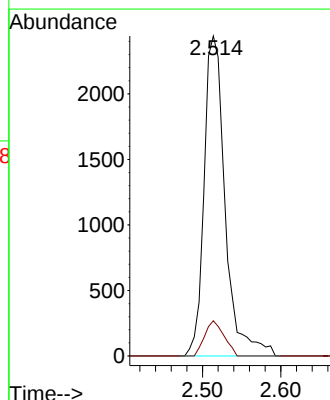
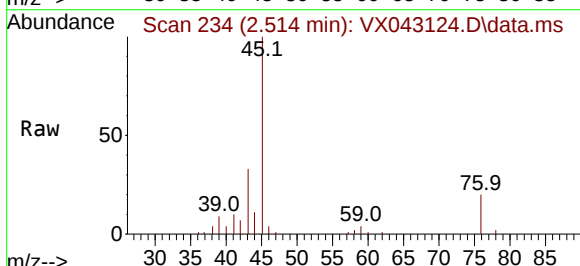
Acq: 24 Sep 2024 15:49

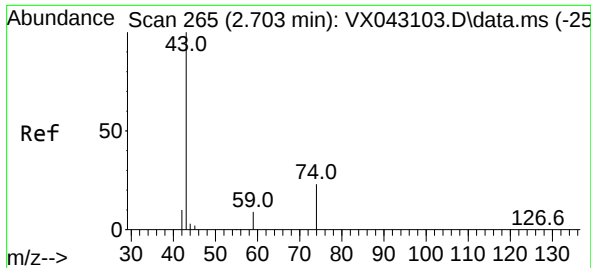
Tgt Ion: 76 Resp: 4553

Ion Ratio Lower Upper

76 100

78 11.0 7.2 10.8#

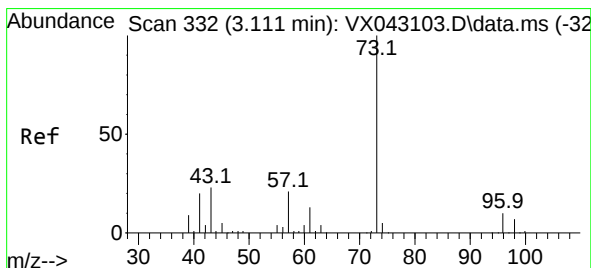
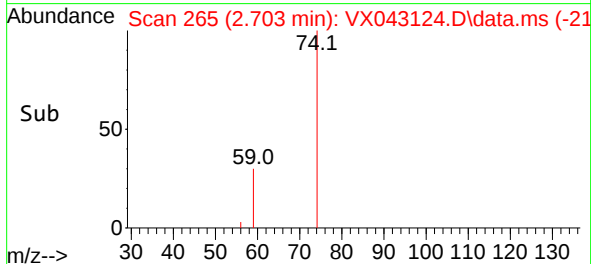
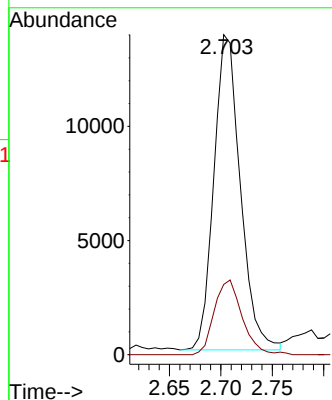
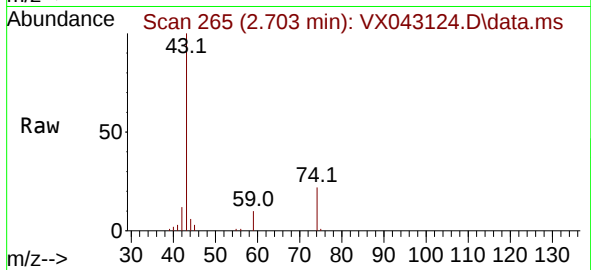




#18
Methyl Acetate
Concen: 13.345 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043124.D
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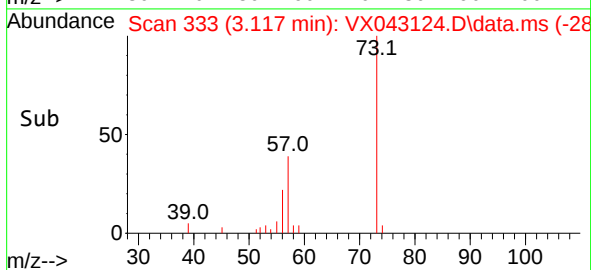
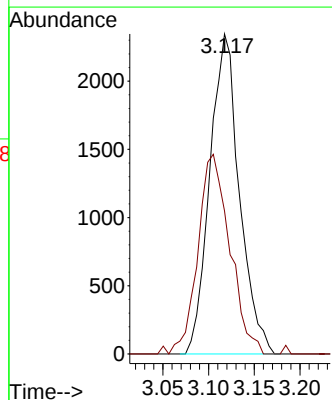
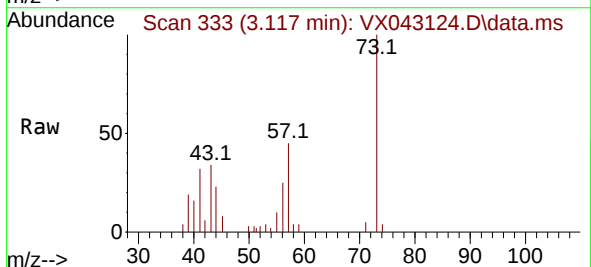
Instrument :
MSVOA_X
ClientSampleId :

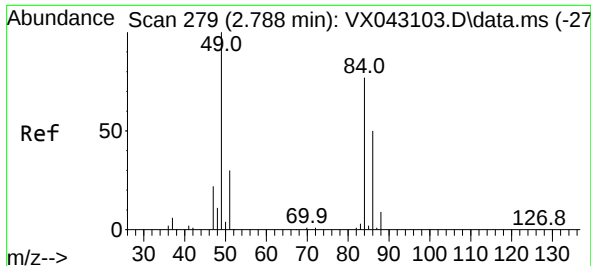
Tgt Ion: 43 Resp: 24708
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 1.479 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 73 Resp: 5288
Ion Ratio Lower Upper
73 100
57 44.7 17.0 25.4#

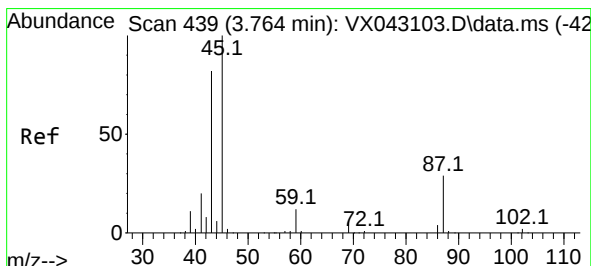
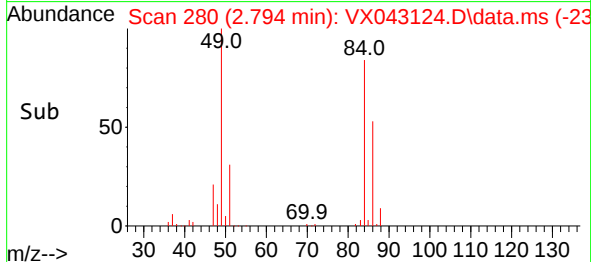
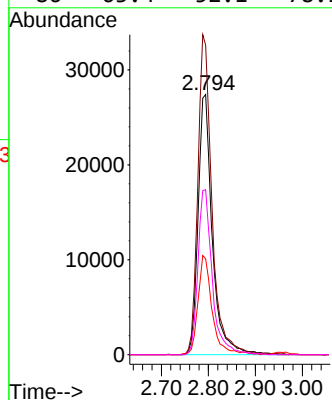
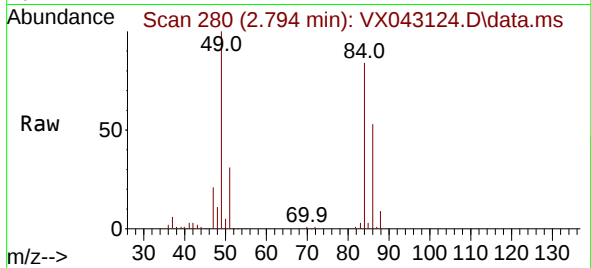




#20
Methylene Chloride
Concen: 52.824 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

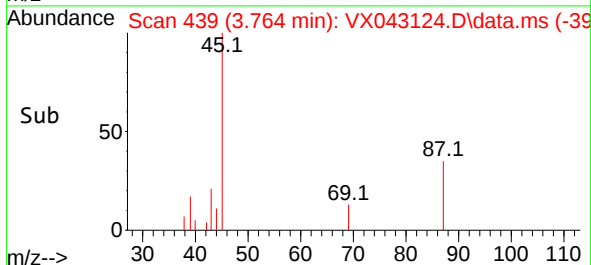
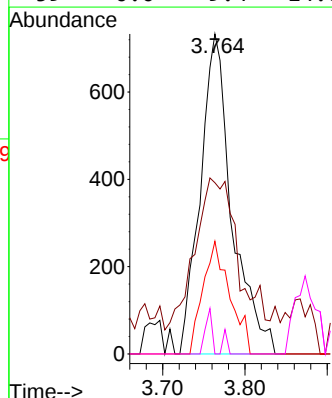
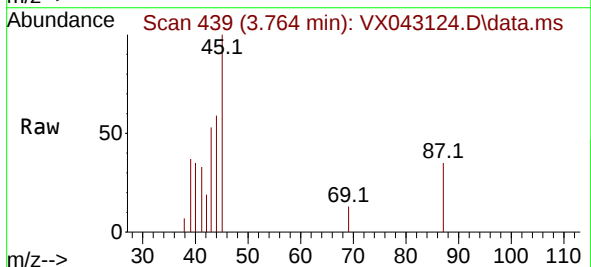
Instrument :
MSVOA_X
ClientSampleId :

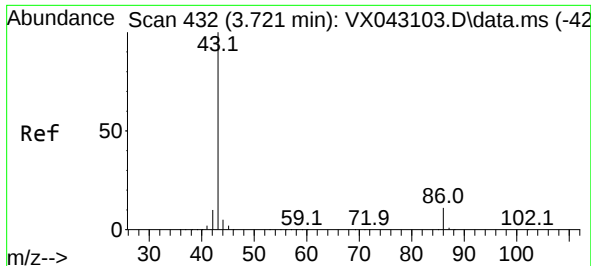
Tgt Ion:	84	Resp:	57812
Ion	Ratio	Lower	Upper
84	100		
49	119.0	104.1	156.1
51	36.9	31.1	46.7
86	63.4	52.1	78.1



#22
Diisopropyl ether
Concen: 0.599 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion:	45	Resp:	1956
Ion	Ratio	Lower	Upper
45	100		
43	43.7	65.8	98.6#
87	35.2	23.1	34.7#
59	0.0	9.4	14.0#

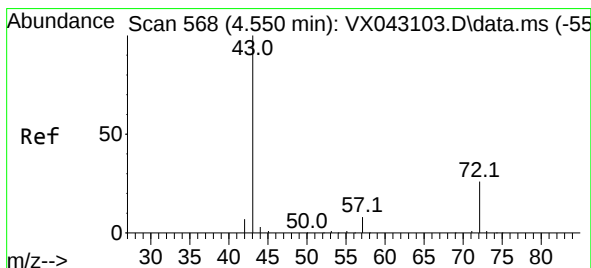
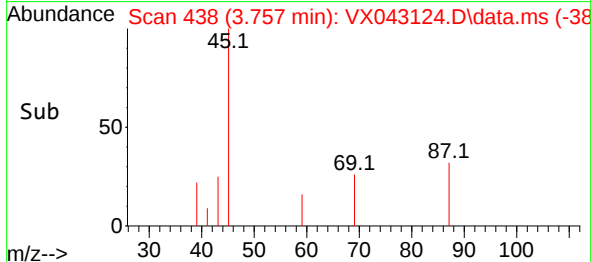
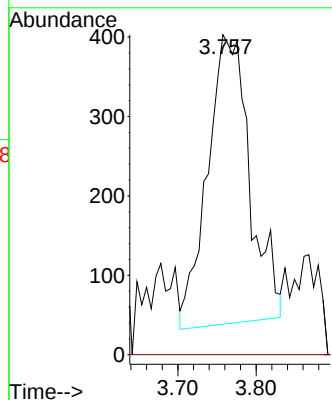
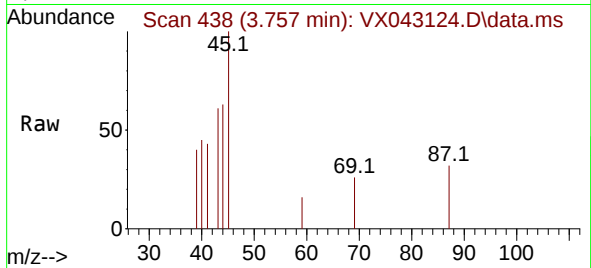




#23
 Vinyl Acetate
 Concen: 0.355 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

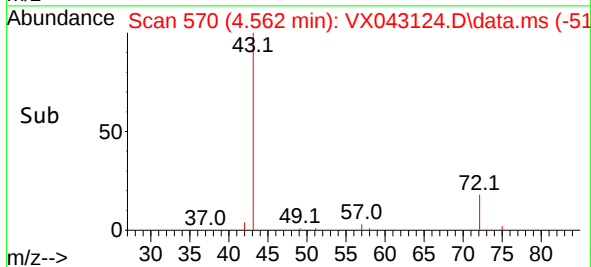
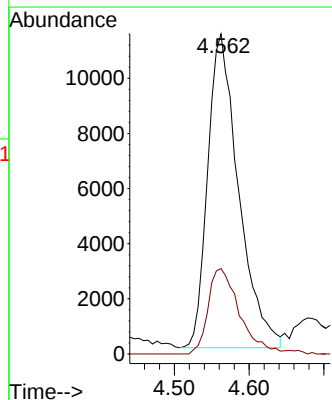
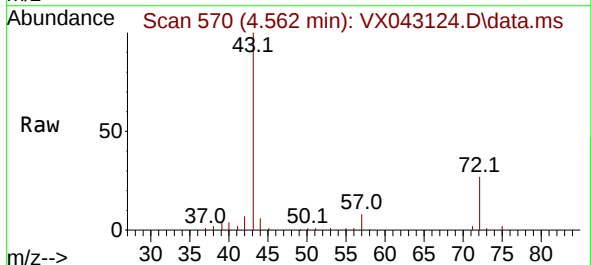
Instrument :
 MSVOA_X
 ClientSampleId :

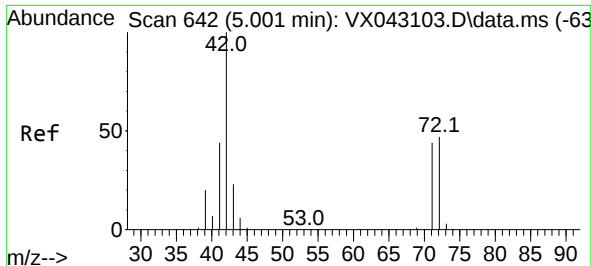
Tgt Ion: 43 Resp: 1363
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 36.856 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Tgt Ion: 43 Resp: 32682
 Ion Ratio Lower Upper
 43 100
 72 27.2 20.7 31.1





#29

Tetrahydrofuran

Concen: 2.888 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

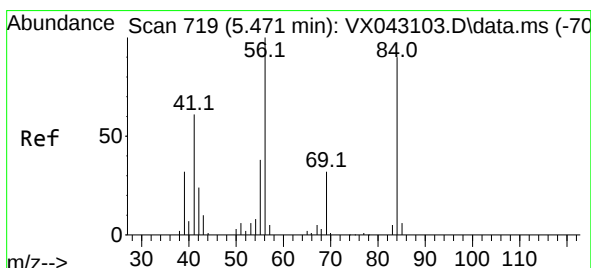
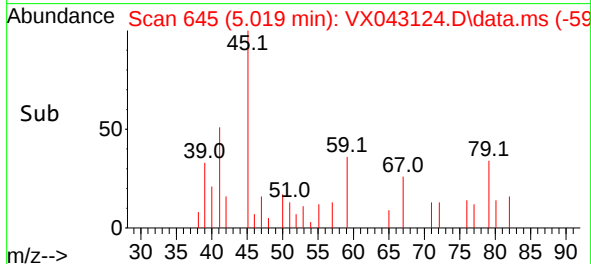
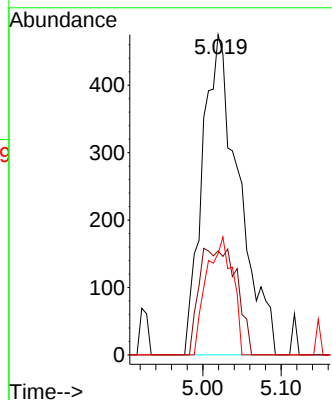
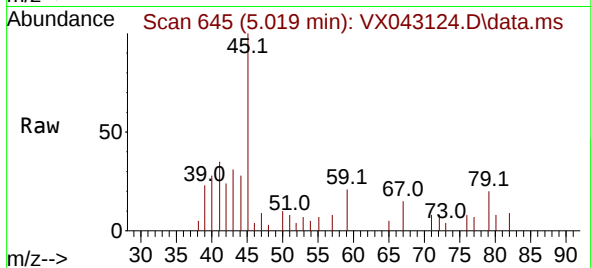
Tgt Ion: 42 Resp: 1540

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 26.4 34.8 52.2#



#31

Cyclohexane

Concen: 13.862 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

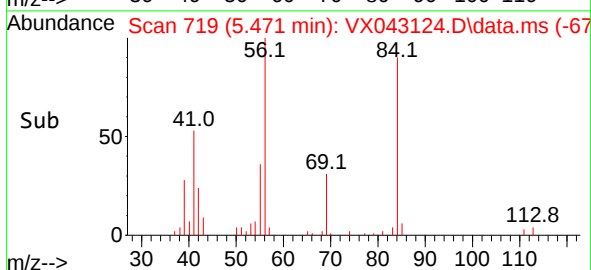
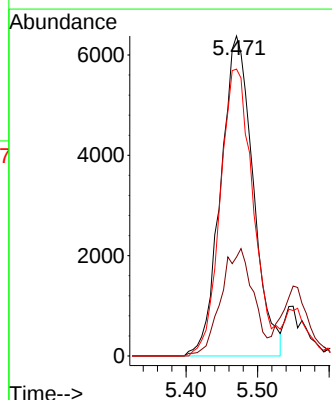
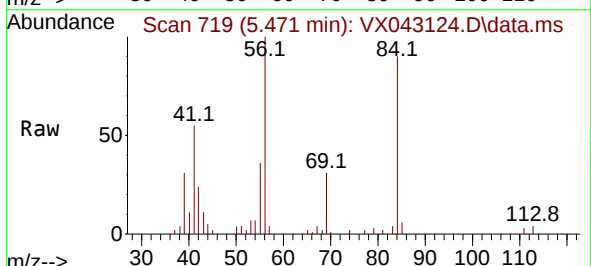
Tgt Ion: 56 Resp: 20053

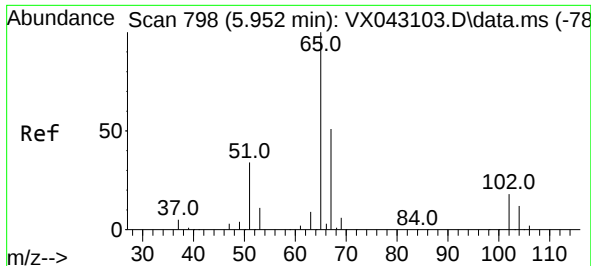
Ion Ratio Lower Upper

56 100

69 30.9 25.8 38.6

84 89.7 72.4 108.6





#33

1,2-Dichloroethane-d4

Concen: 53.271 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

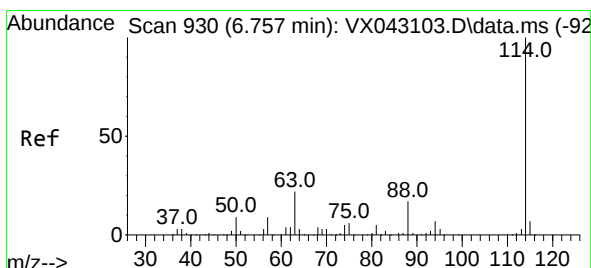
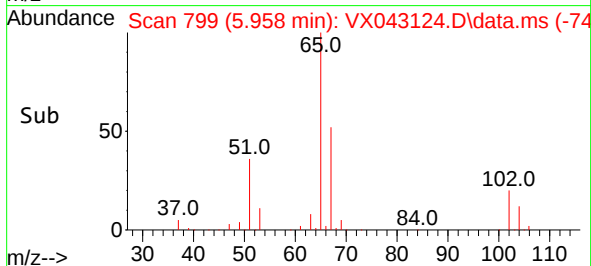
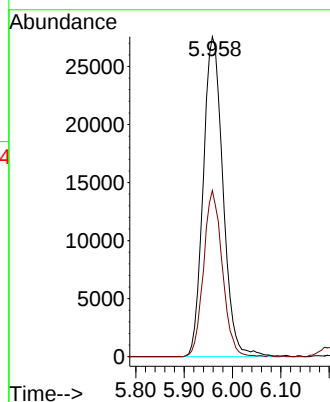
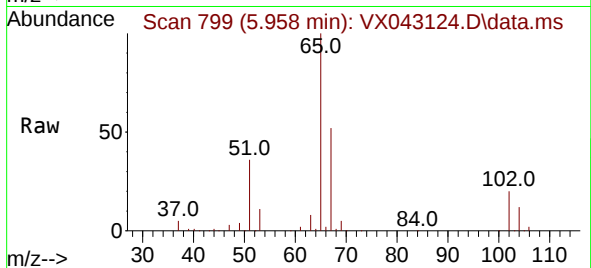
ClientSampleId :

Tgt Ion: 65 Resp: 78359

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

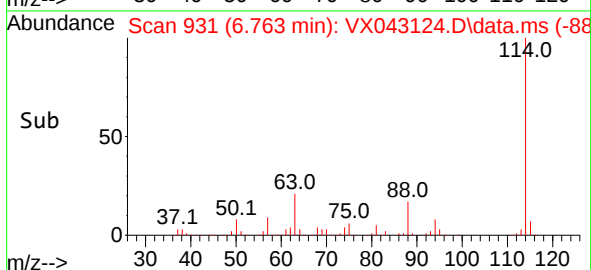
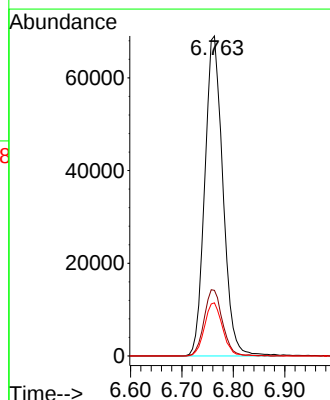
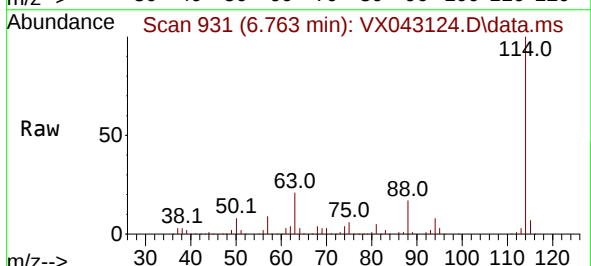
Tgt Ion: 114 Resp: 168898

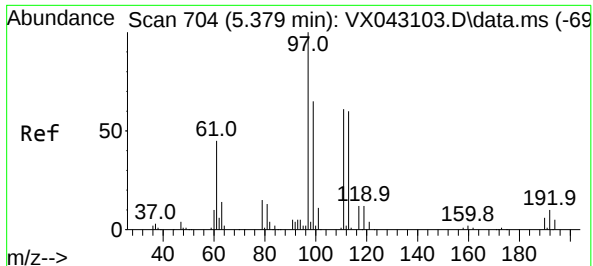
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

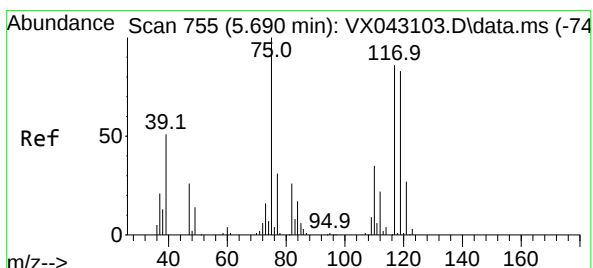
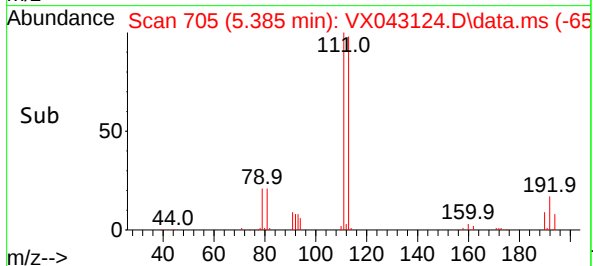
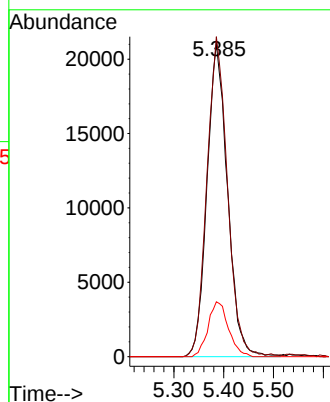
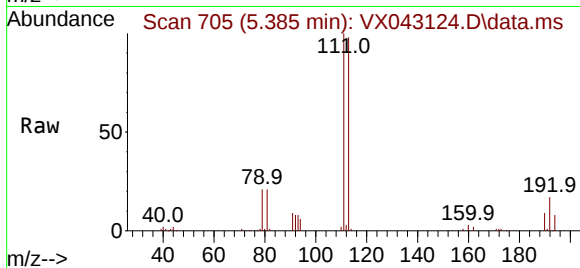
Tgt Ion:113 Resp: 60078

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 17.5 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

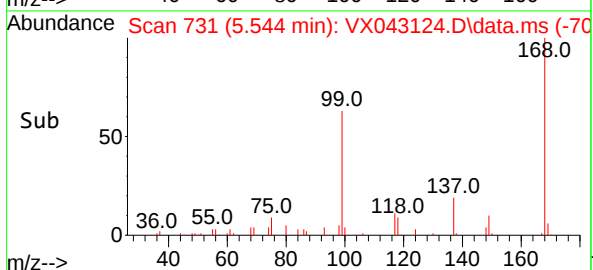
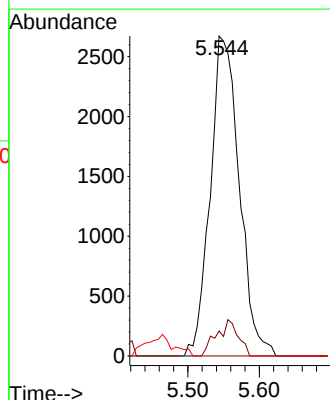
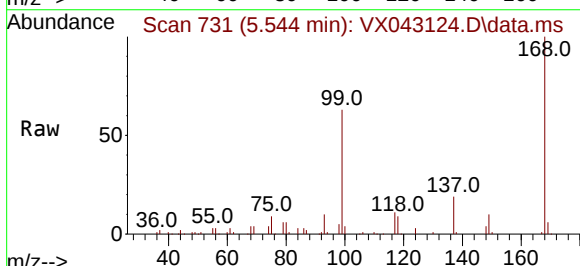
Tgt Ion: 75 Resp: 7533

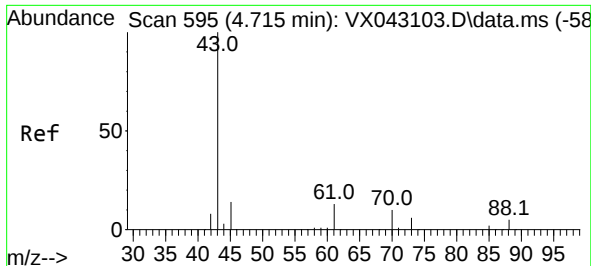
Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.4#

77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 1.760 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

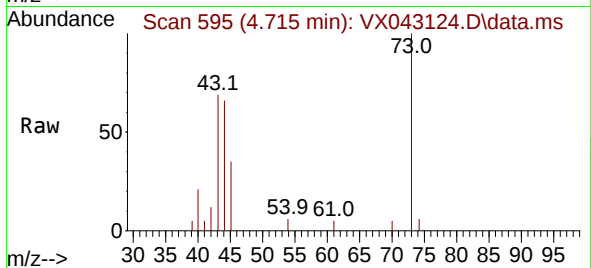
Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

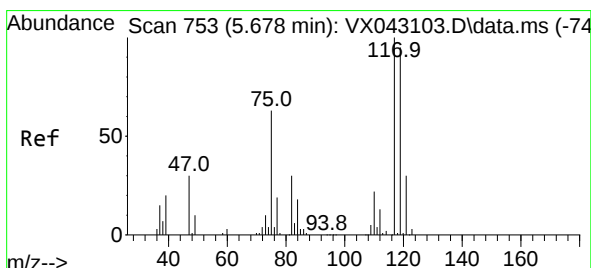
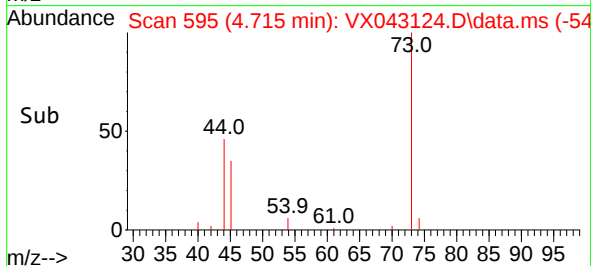
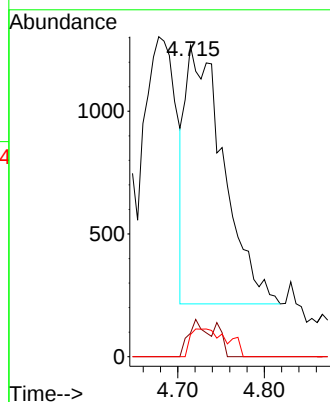
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	3236
Ion Ratio	100	Lower	Upper
61	7.0	10.9	16.3#
70	10.3	8.6	13.0



#38

Carbon Tetrachloride

Concen: 5.161 ug/l

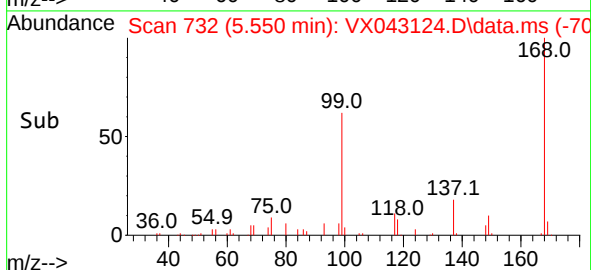
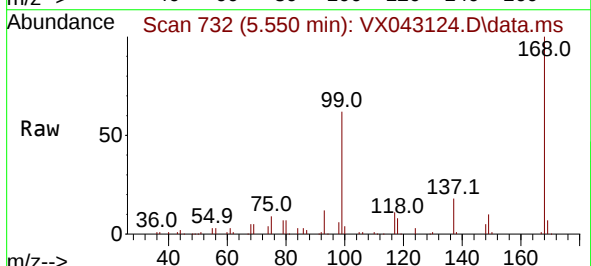
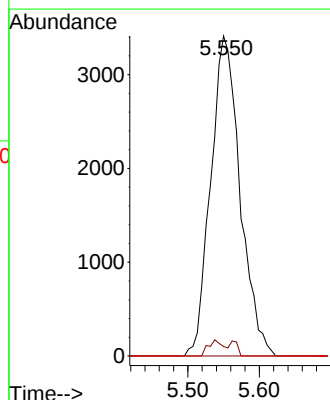
RT: 5.550 min Scan# 732

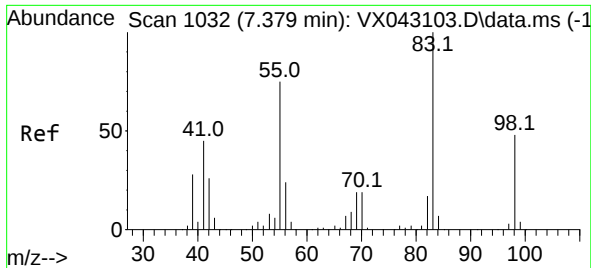
Delta R.T. -0.128 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Tgt Ion:	117	Resp:	9733
Ion Ratio	100	Lower	Upper
119	3.0	75.5	113.3#
121	0.0	24.2	36.2#

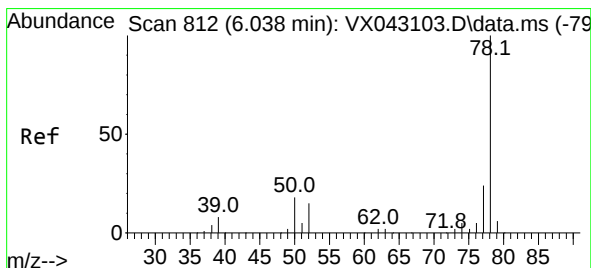
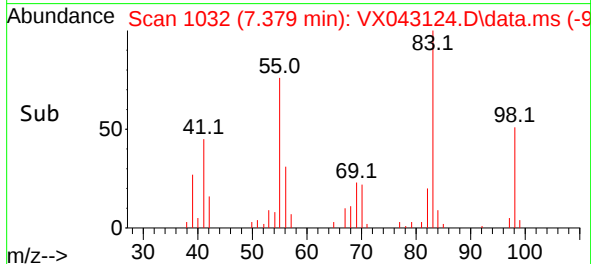
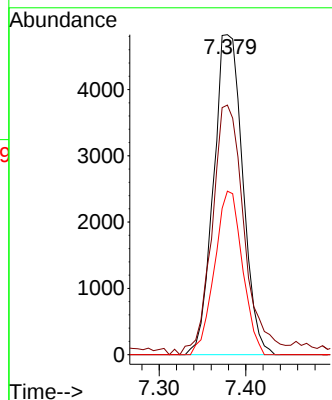
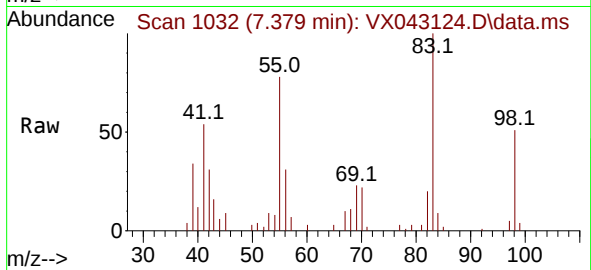




#39
Methylcyclohexane
Concen: 6.152 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

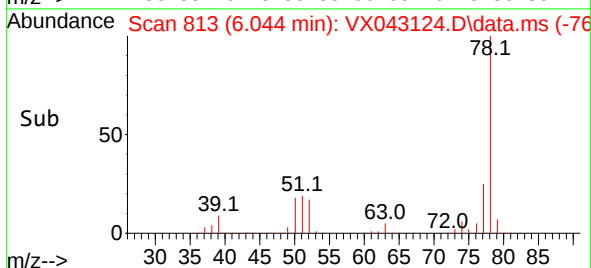
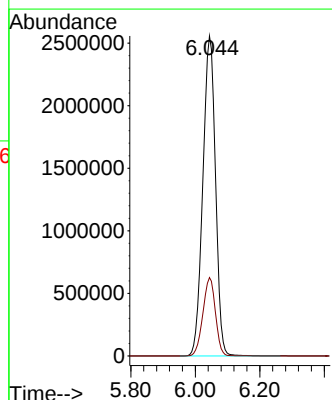
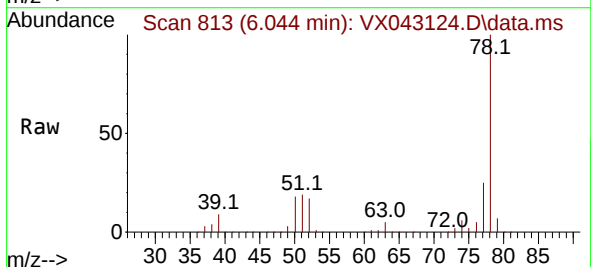
Instrument :
MSVOA_X
ClientSampleId :

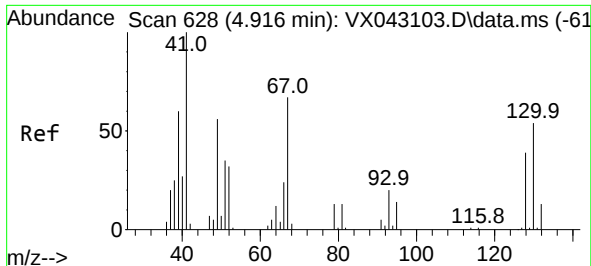
Tgt Ion: 83 Resp: 11303
Ion Ratio Lower Upper
83 100
55 78.0 60.2 90.4
98 51.1 38.6 58.0



#40
Benzene
Concen: 1610.309 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 78 Resp: 6956522
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

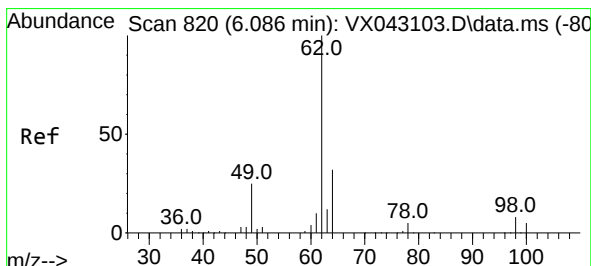
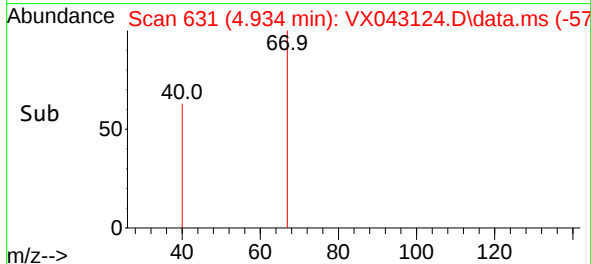
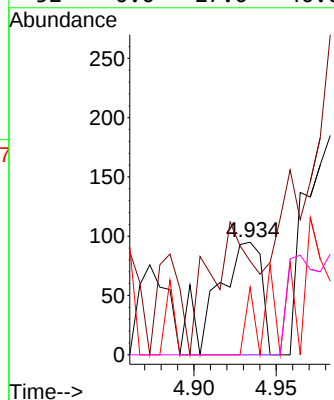
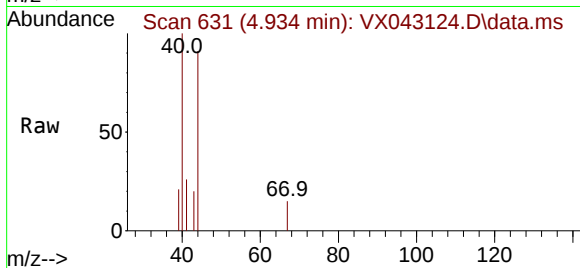




#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

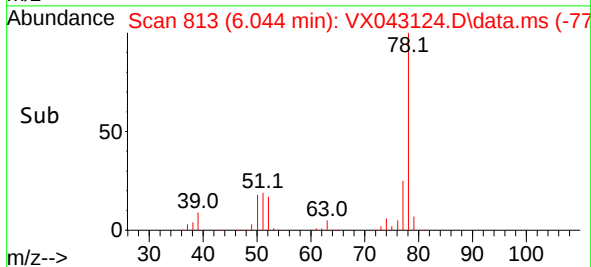
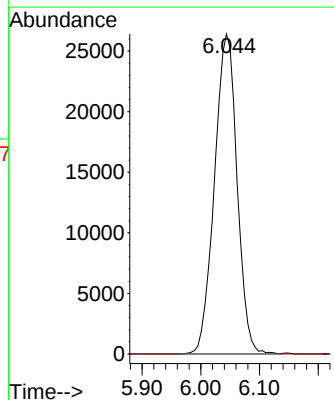
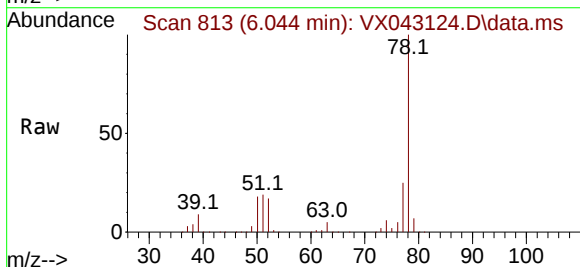
Instrument :
MSVOA_X
ClientSampleId :

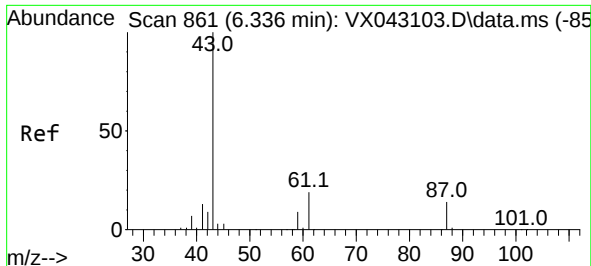
Tgt Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 110.9 46.8 70.2#
67 0.0 57.0 85.6#
52 0.0 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 38.452 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.043 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 62 Resp: 70533
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6

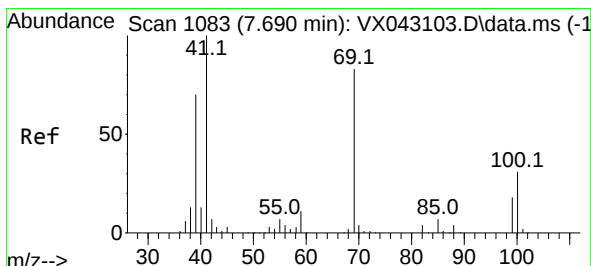
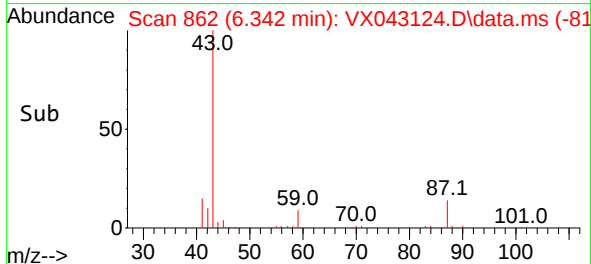
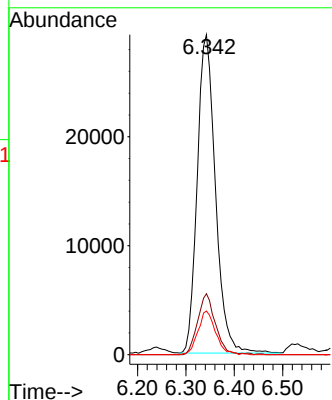
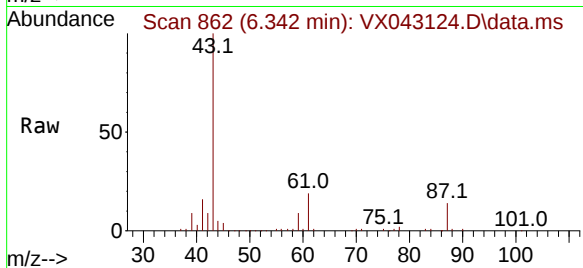




#43
Isopropyl Acetate
Concen: 24.884 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

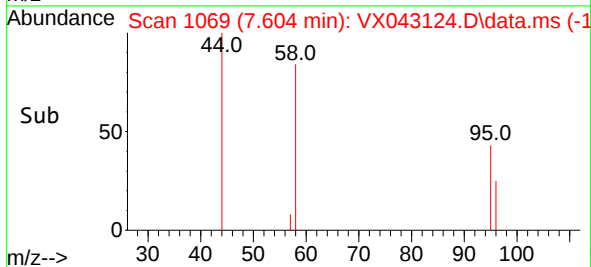
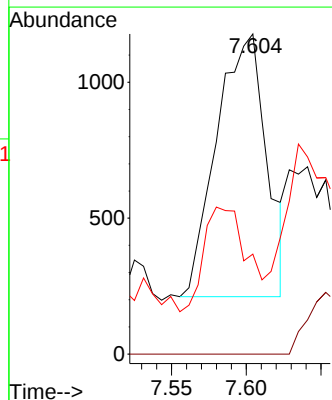
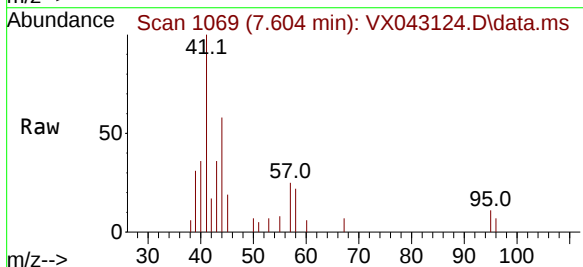
Instrument :
MSVOA_X
ClientSampleId :

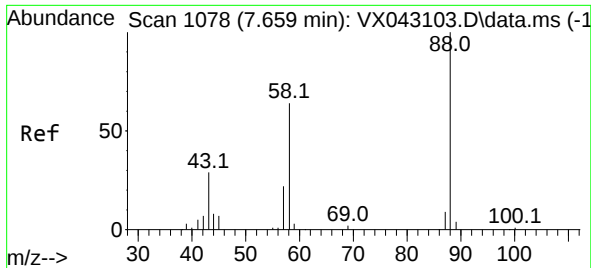
Tgt Ion: 43 Resp: 76433
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.6
87 13.2 10.6 16.0



#48
Methyl methacrylate
Concen: 1.481 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 41 Resp: 2234
Ion Ratio Lower Upper
41 100
69 0.0 65.0 97.6#
39 0.0 55.0 82.6#





#49

1,4-Dioxane

Concen: 13.343 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

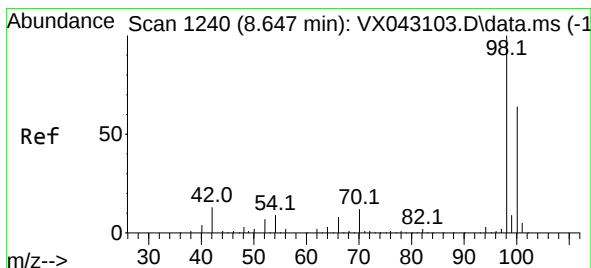
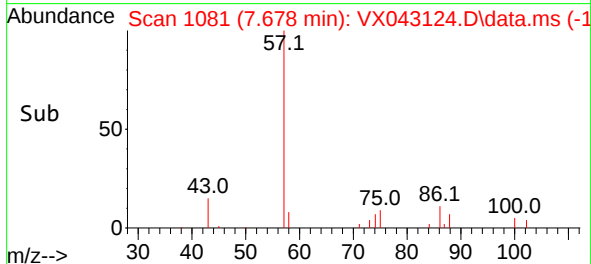
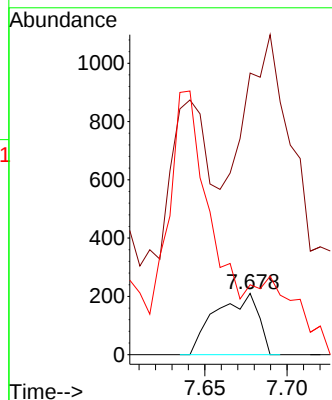
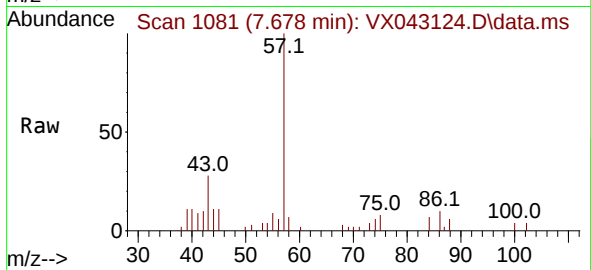
Tgt Ion: 88 Resp: 380

Ion Ratio Lower Upper

88 100

43 0.0 29.5 44.3#

58 0.0 52.5 78.7#



#50

Toluene-d8

Concen: 51.797 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043124.D

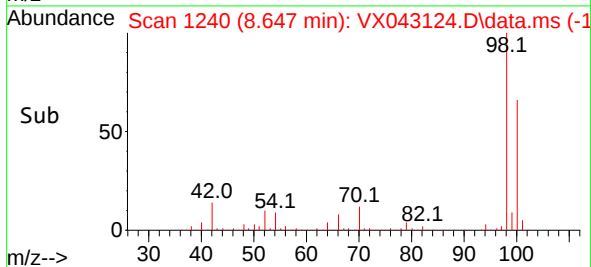
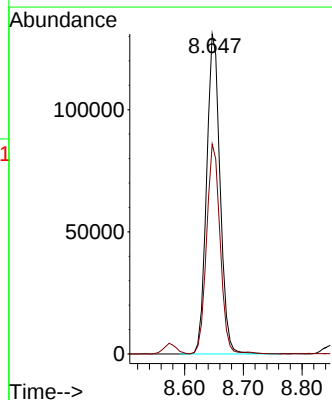
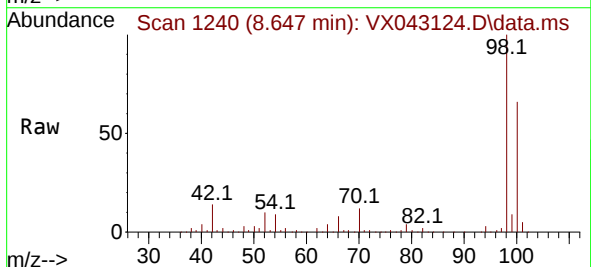
Acq: 24 Sep 2024 15:49

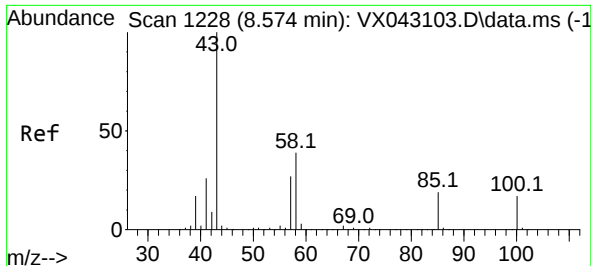
Tgt Ion: 98 Resp: 208794

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

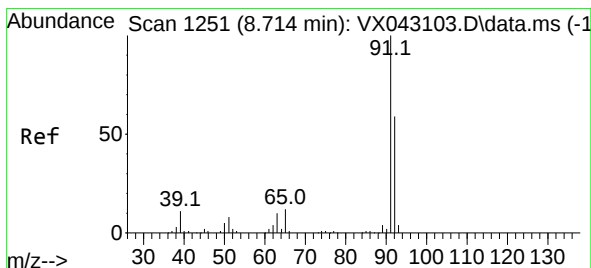
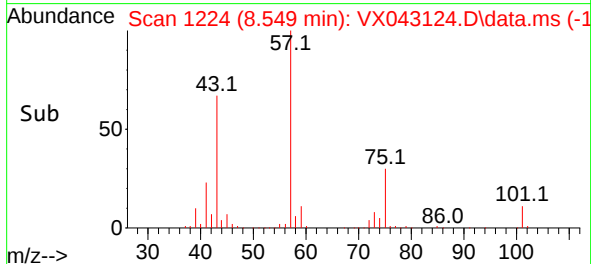
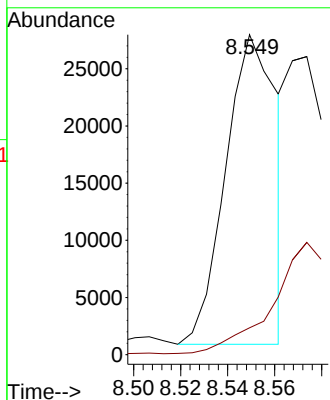
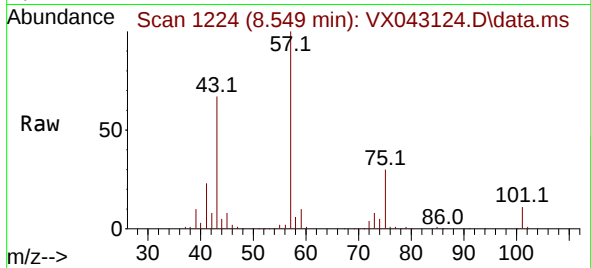




#51
4-Methyl-2-Pentanone
Concen: 21.737 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

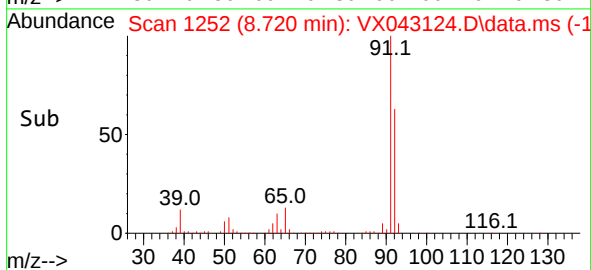
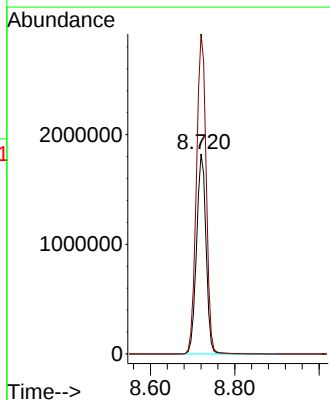
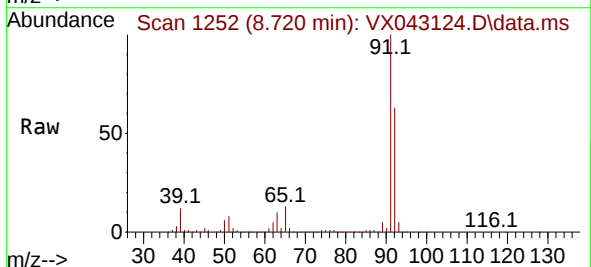
Instrument :
MSVOA_X
ClientSampleId :

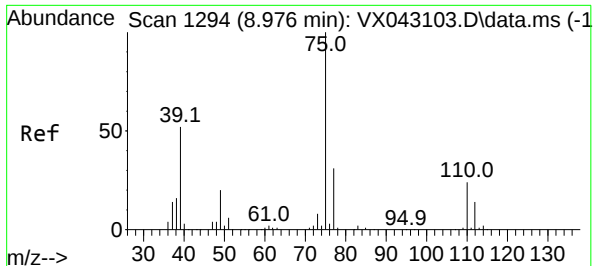
Tgt Ion: 43 Resp: 41017
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#



#52
Toluene
Concen: 1025.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 92 Resp: 2854004
Ion Ratio Lower Upper
92 100
91 164.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 18.845 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

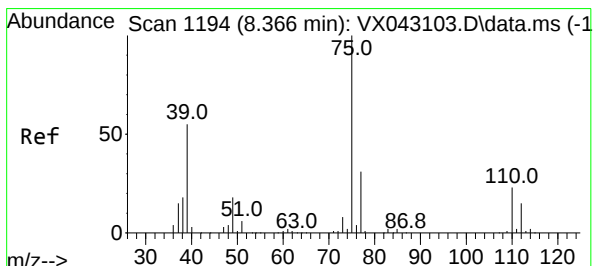
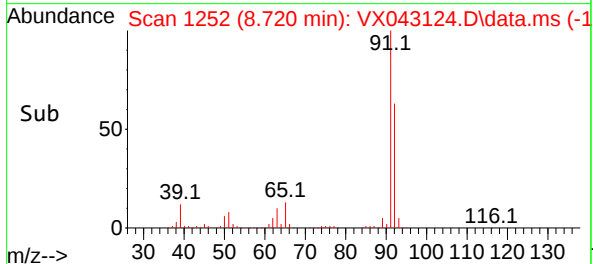
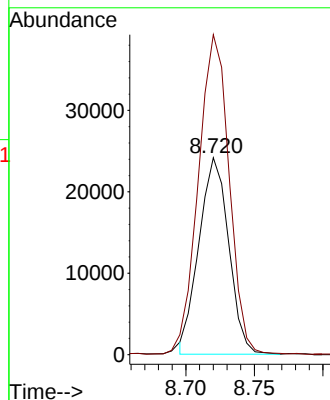
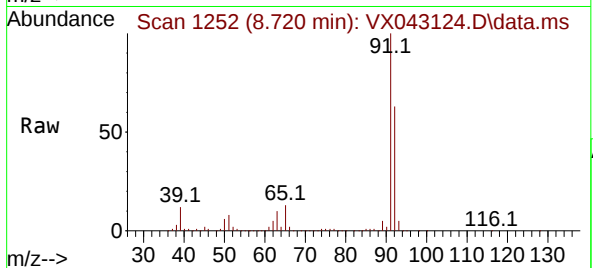
ClientSampleId :

Tgt Ion: 75 Resp: 36447

Ion Ratio Lower Upper

75 100

77 162.2 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 9.702 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

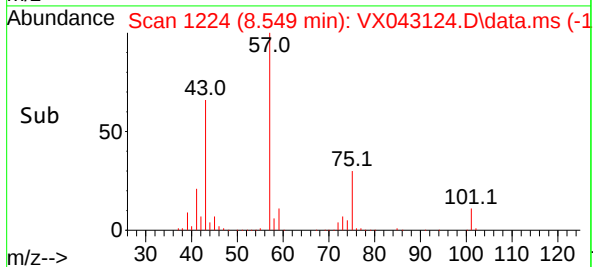
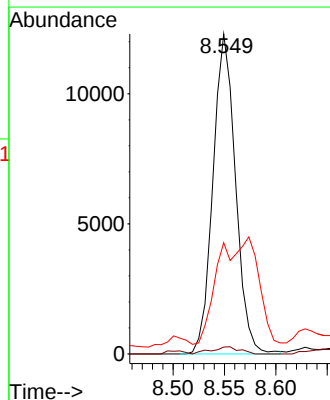
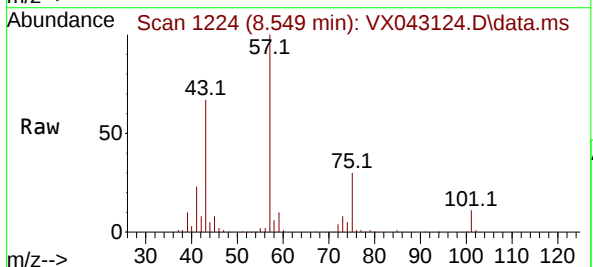
Tgt Ion: 75 Resp: 18740

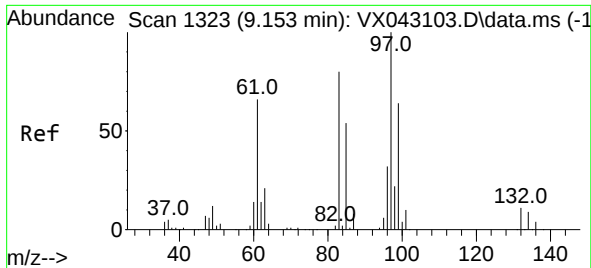
Ion Ratio Lower Upper

75 100

77 2.2 24.8 37.2#

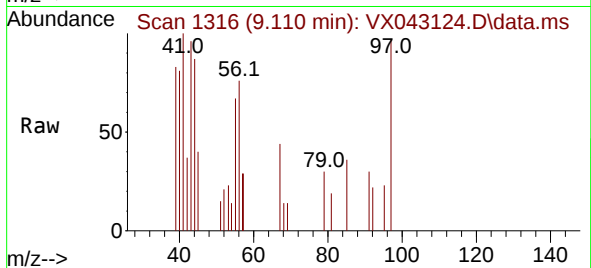
39 31.3 43.8 65.8#



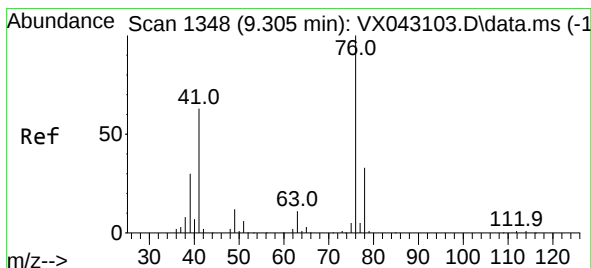
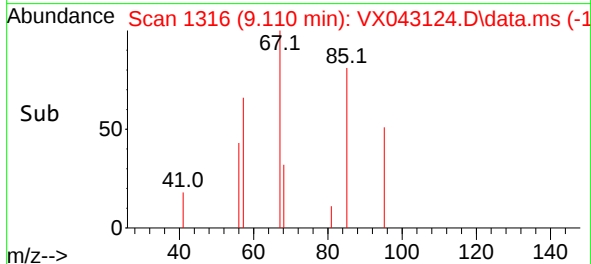
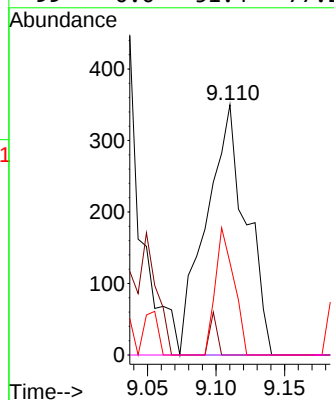


#55
 1,1,2-Trichloroethane
 Concen: 0.617 ug/l
 RT: 9.110 min Scan# 1323
 Delta R.T. -0.043 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Instrument :
 MSVOA_X
 ClientSampleId :

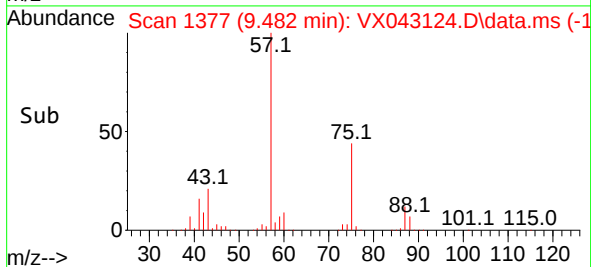
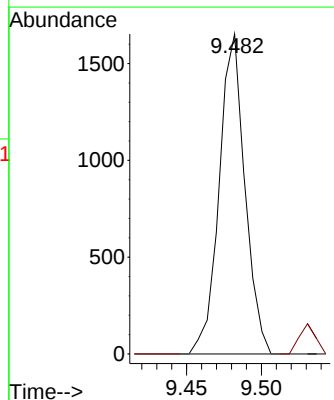
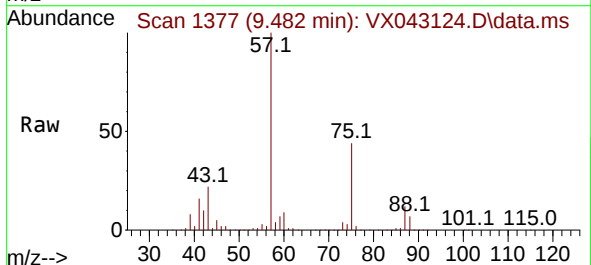


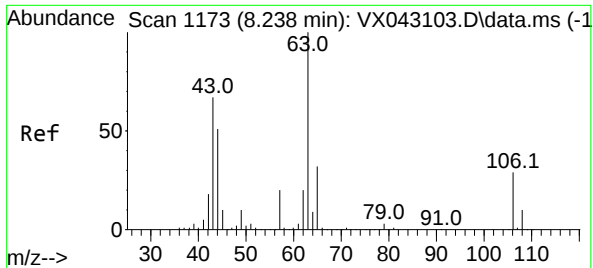
Tgt Ion: 97	Resp: 707
Ion Ratio	Lower Upper
97 100	
83 0.0	64.2 96.4#
85 36.9	43.0 64.6#
99 0.0	51.4 77.2#



#57
 1,3-Dichloropropane
 Concen: 1.012 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Tgt Ion: 76	Resp: 1972
Ion Ratio	Lower Upper
76 100	
78 0.0	26.5 39.7#

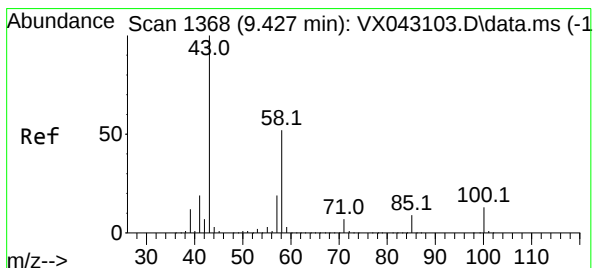
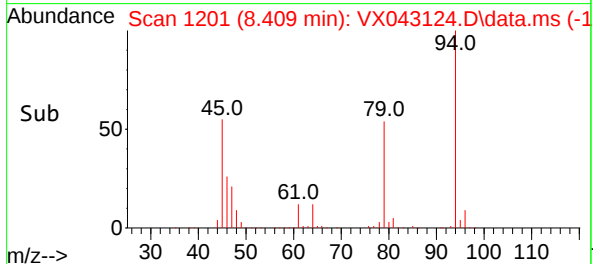
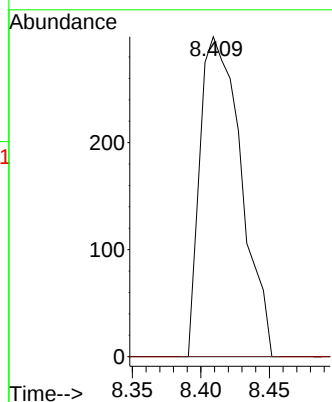
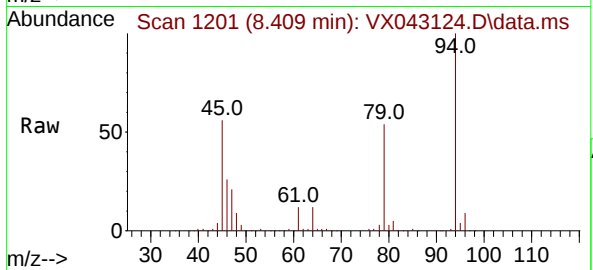




#58
2-Chloroethyl Vinyl ether
Concen: 0.774 ug/l
RT: 8.409 min Scan# 1173
Delta R.T. 0.171 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

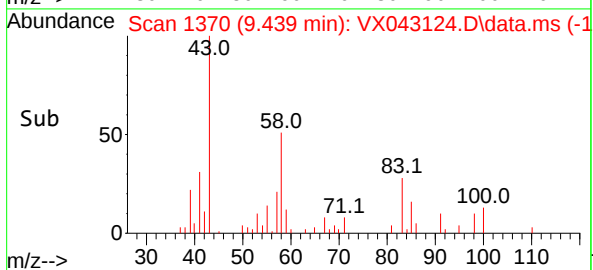
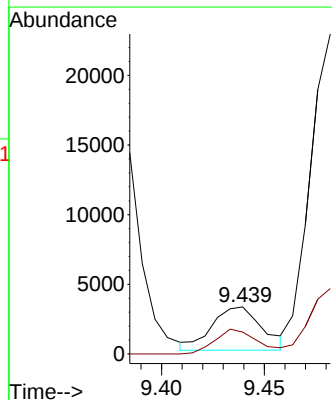
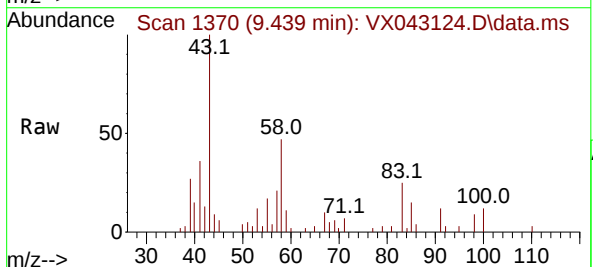
Instrument :
MSVOA_X
ClientSampleId :

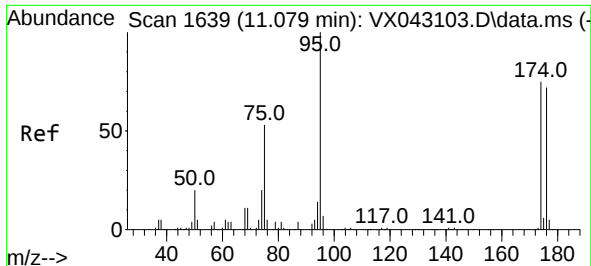
Tgt Ion: 63 Resp: 624
Ion Ratio Lower Upper
63 100
106 0.0 24.0 36.0#



#59
2-Hexanone
Concen: 3.566 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 43 Resp: 5261
Ion Ratio Lower Upper
43 100
58 48.9 26.1 78.2

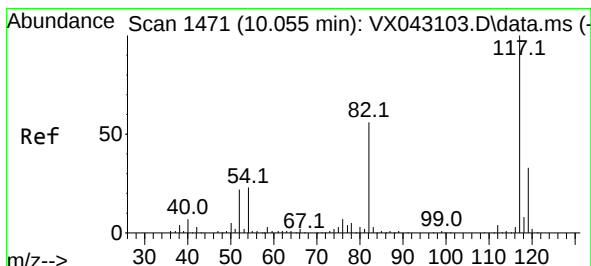
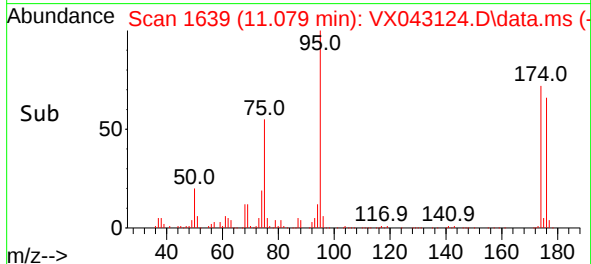
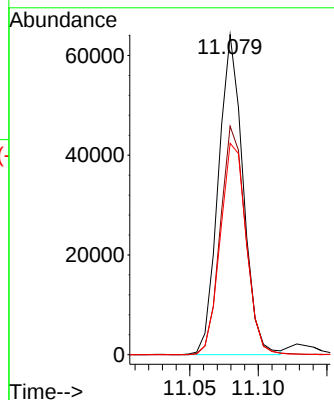
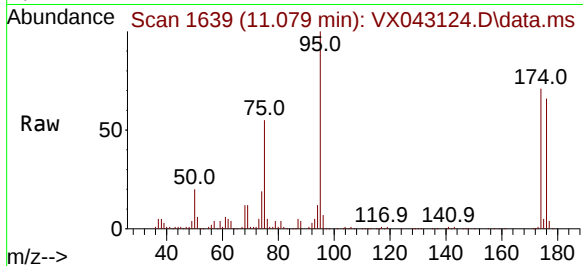




#62
4-Bromofluorobenzene
Concen: 49.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

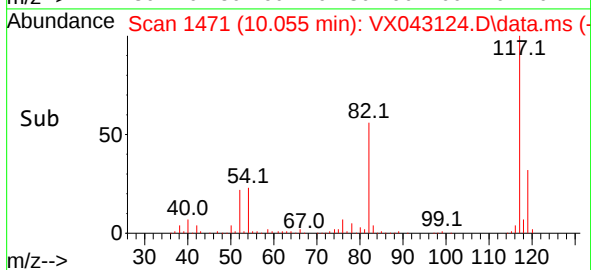
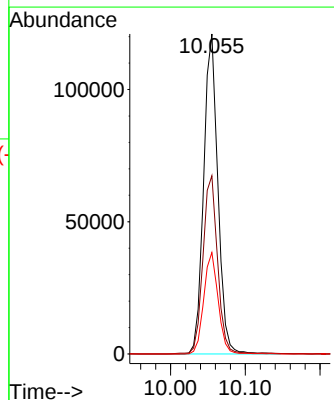
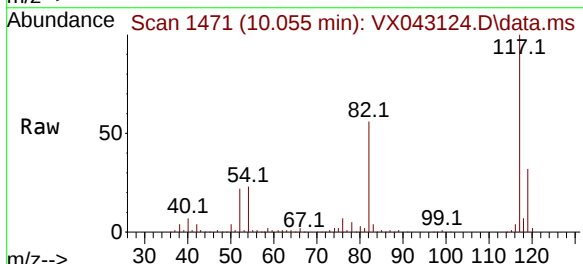
Instrument :
MSVOA_X
ClientSampleId :

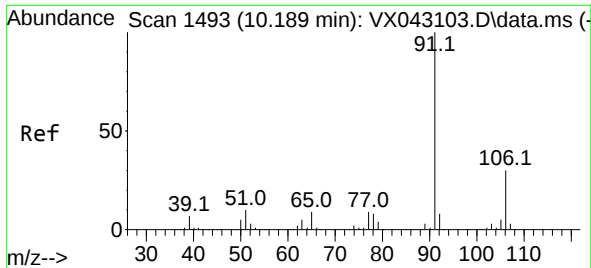
Tgt Ion: 95 Resp: 80274
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 69.8 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 117 Resp: 159704
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.7 26.3 39.5





#67

Ethyl Benzene

Concen: 75.666 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

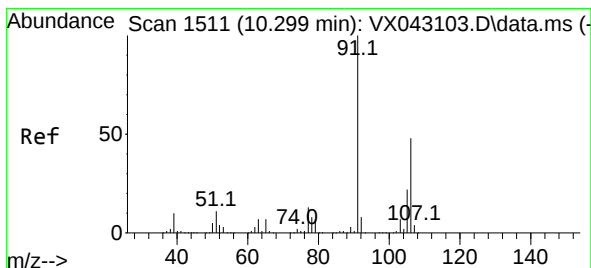
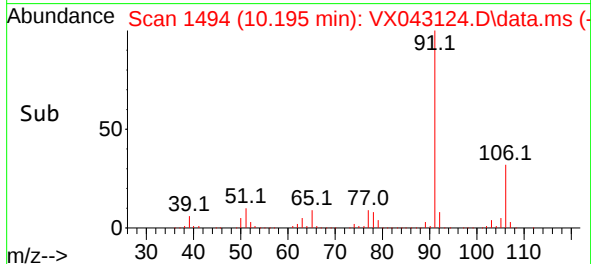
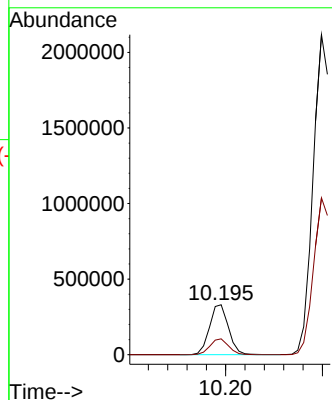
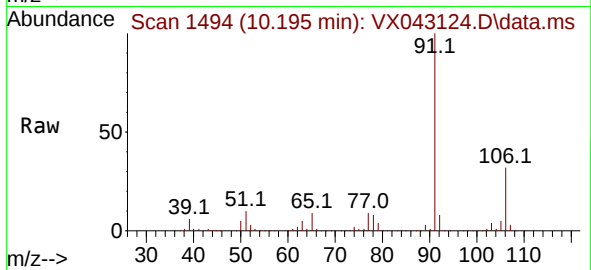
ClientSampleId :

Tgt Ion: 91 Resp: 450935

Ion Ratio Lower Upper

91 100

106 31.7 24.2 36.4



#68

m/p-Xylenes

Concen: 623.056 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043124.D

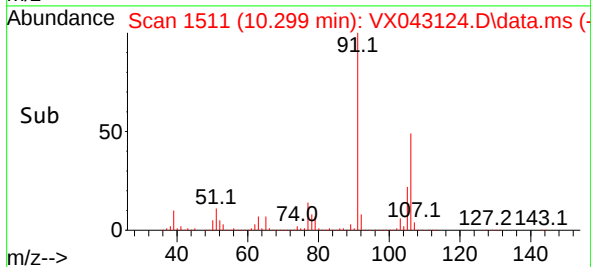
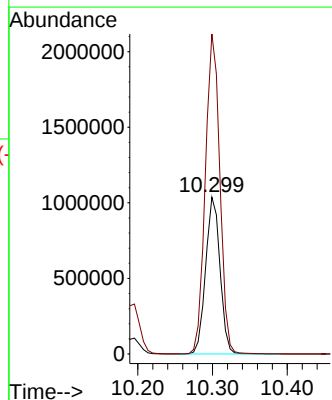
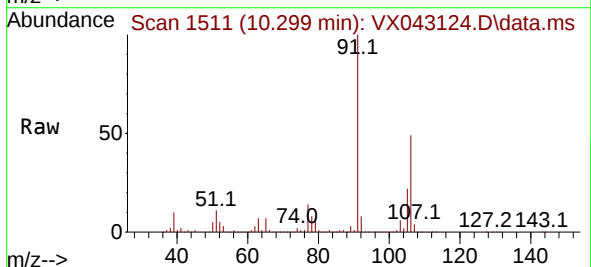
Acq: 24 Sep 2024 15:49

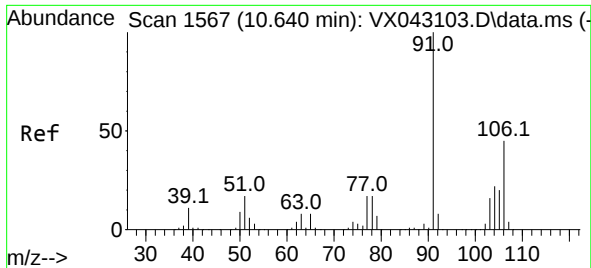
Tgt Ion:106 Resp: 1381823

Ion Ratio Lower Upper

106 100

91 206.7 167.5 251.3

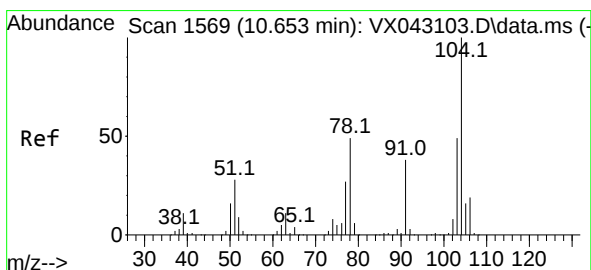
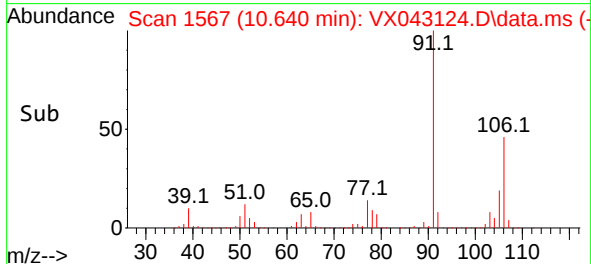
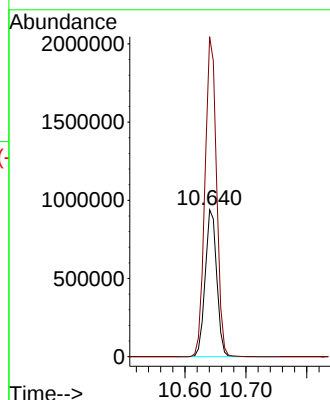
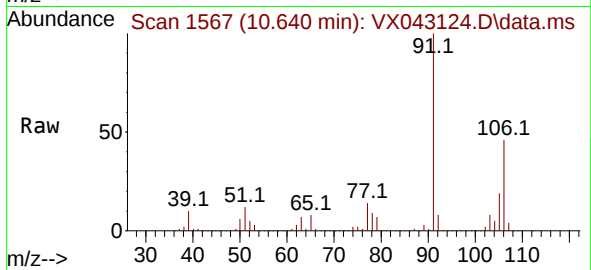




#69
o-Xylene
Concen: 556.273 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

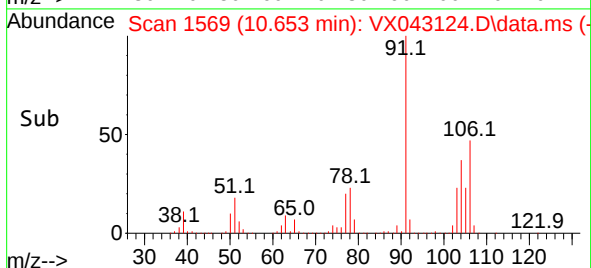
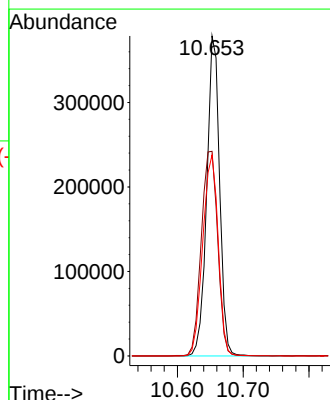
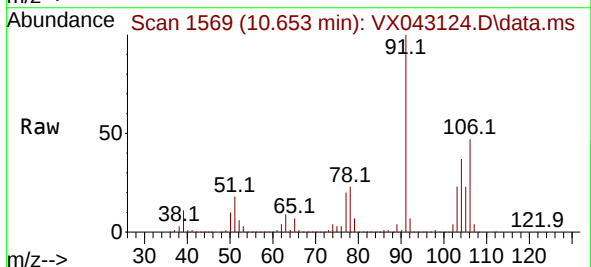
Instrument :
MSVOA_X
ClientSampleId :

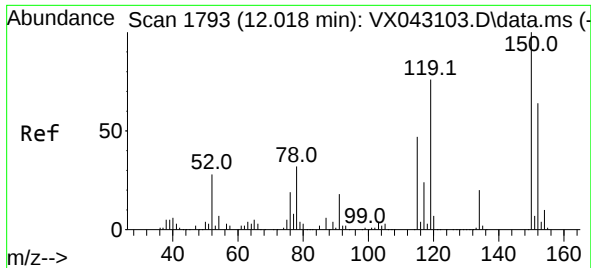
Tgt Ion:106 Resp: 1237407
Ion Ratio Lower Upper
106 100
91 218.4 112.5 337.4



#70
Styrene
Concen: 138.633 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion:104 Resp: 514400
Ion Ratio Lower Upper
104 100
78 81.7 44.3 66.5#
103 75.7 43.4 65.0#

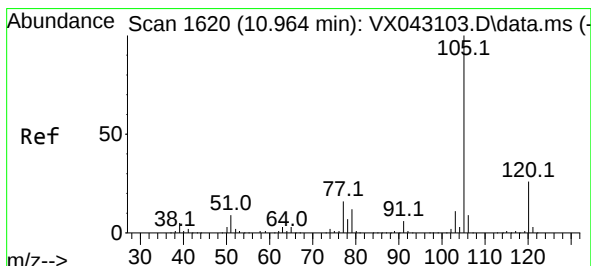
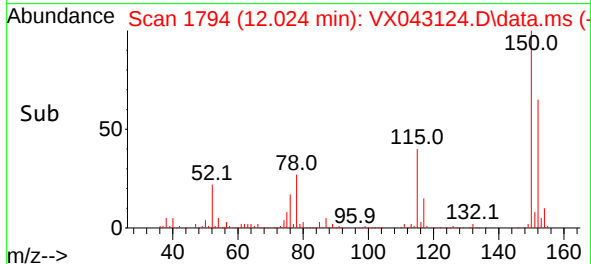
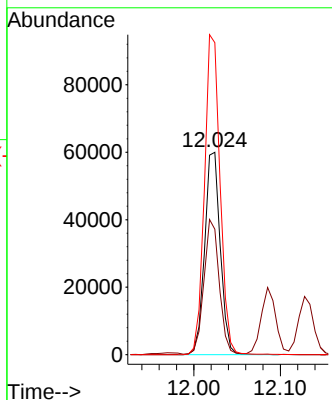
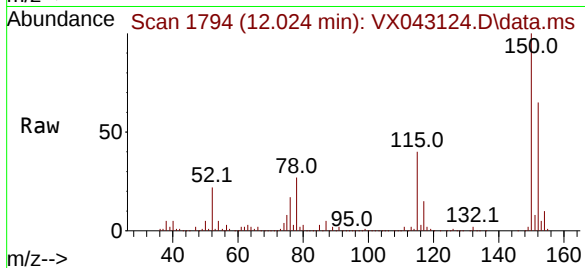




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

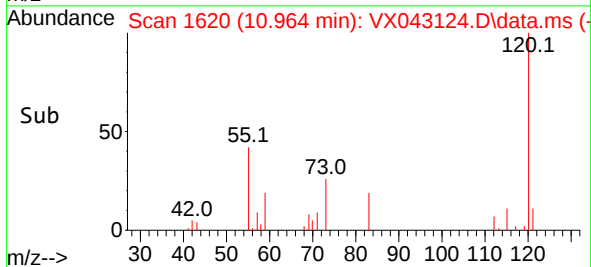
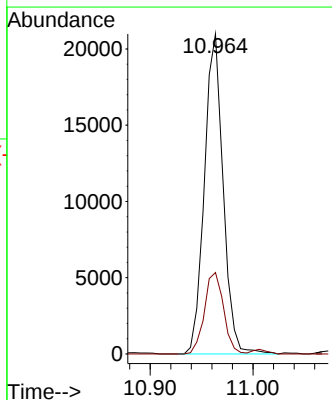
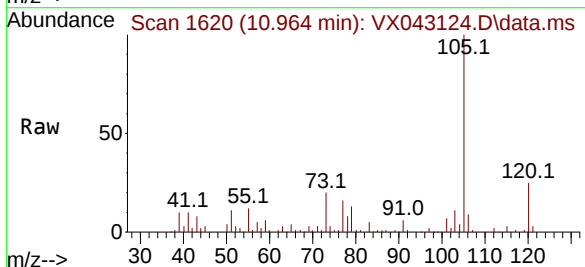
Instrument :
MSVOA_X
ClientSampleId :

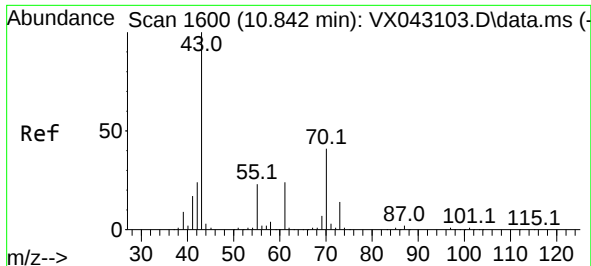
Tgt Ion:152 Resp: 75132
Ion Ratio Lower Upper
152 100
115 64.8 43.7 131.1
150 157.9 0.0 344.6



#73
Isopropylbenzene
Concen: 4.729 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion:105 Resp: 26647
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

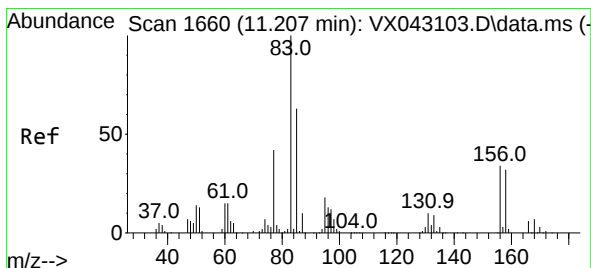
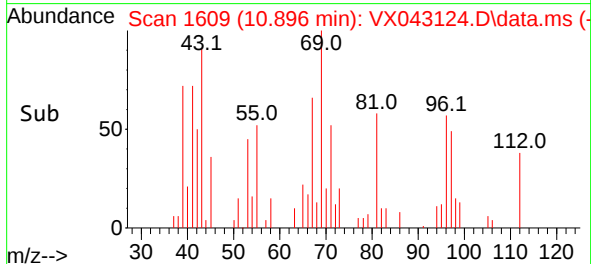
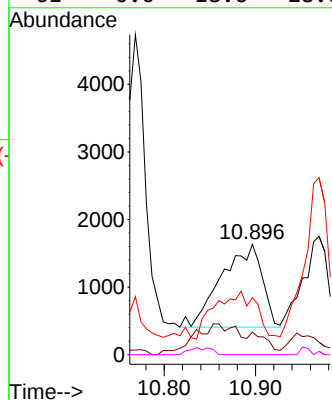
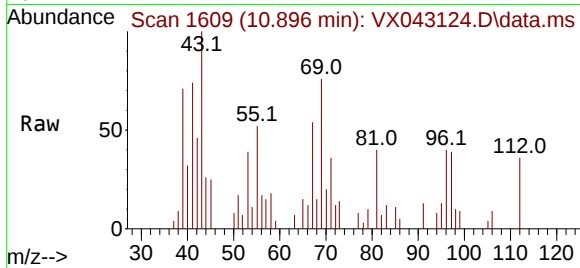




#74
N-amy1 acetate
Concen: 1.434 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.055 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

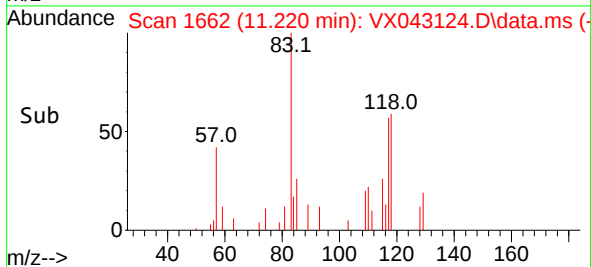
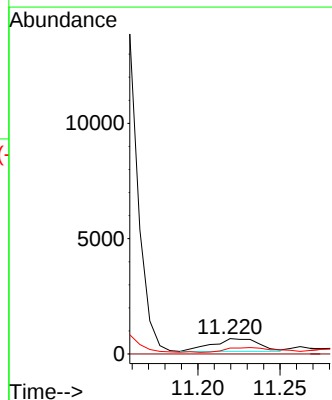
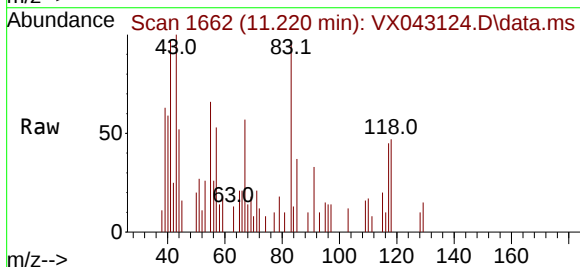
Instrument :
MSVOA_X
ClientSampleId :

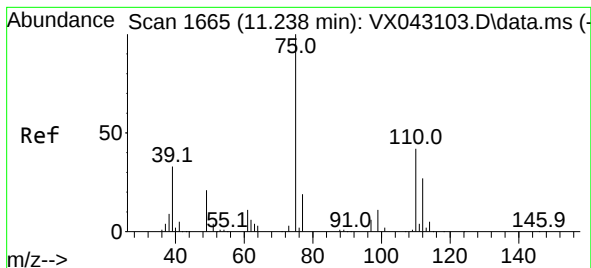
Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
70 0.0 32.5 48.7#
55 59.4 18.2 27.4#
61 0.0 18.6 28.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.612 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.012 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 83 Resp: 1109
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 38.3 31.9 95.7

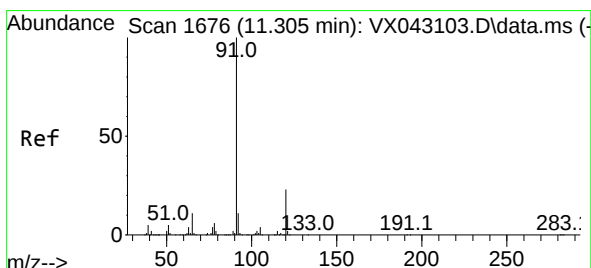
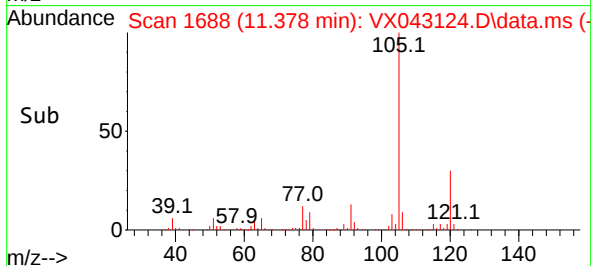
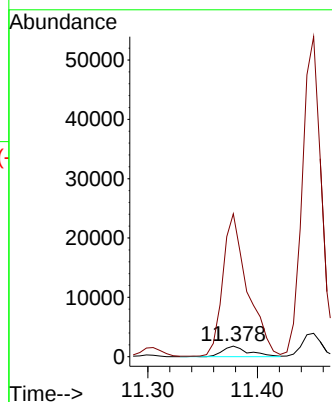
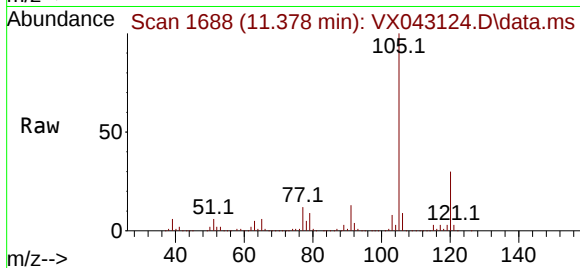




#76
1,2,3-Trichloropropane
Concen: 1.859 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.140 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

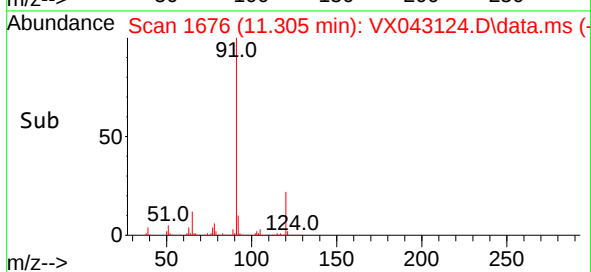
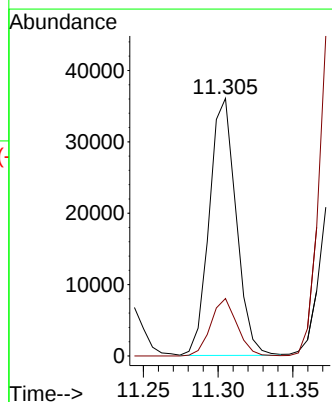
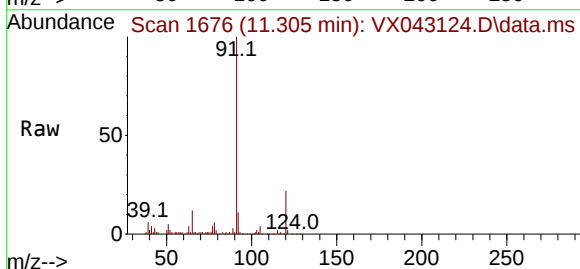
Instrument :
MSVOA_X
ClientSampleId :

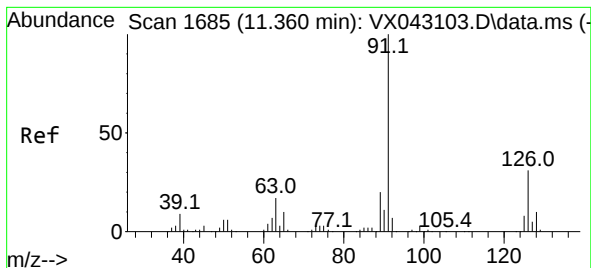
Tgt Ion: 75 Resp: 2970
Ion Ratio Lower Upper
75 100
77 1272.2 21.9 65.7#



#78
n-propylbenzene
Concen: 7.045 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 91 Resp: 45038
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 9.848 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

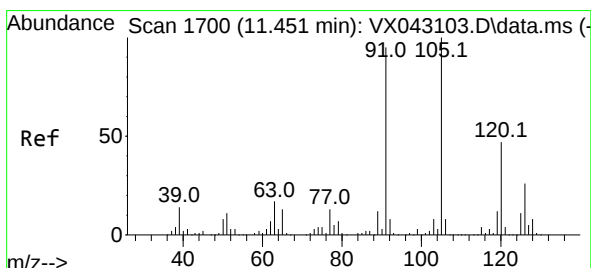
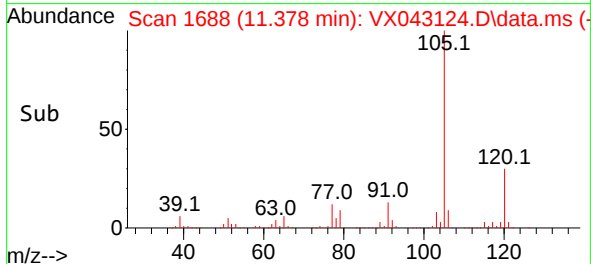
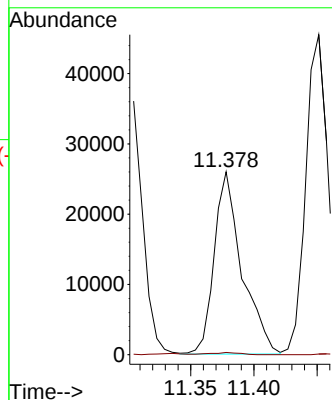
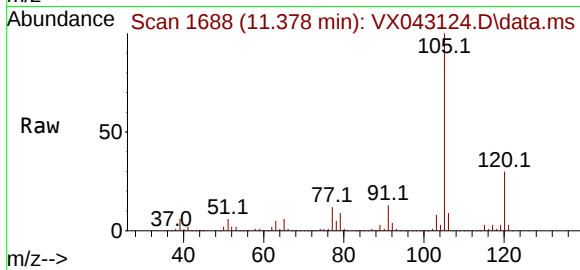
ClientSampleId :

Tgt Ion: 91 Resp: 39488

Ion Ratio Lower Upper

91 100

126 1.3 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 100.720 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043124.D

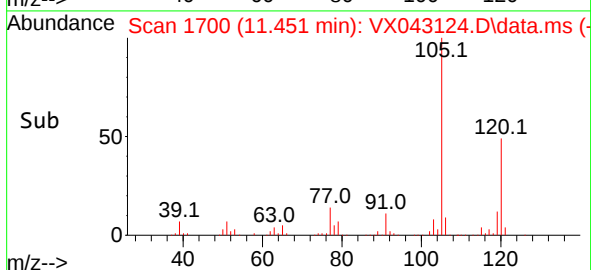
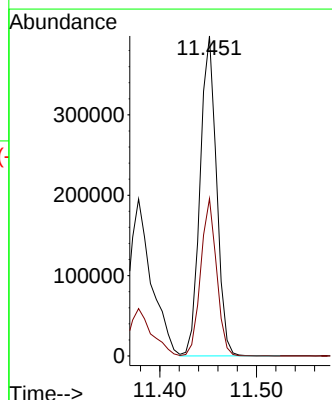
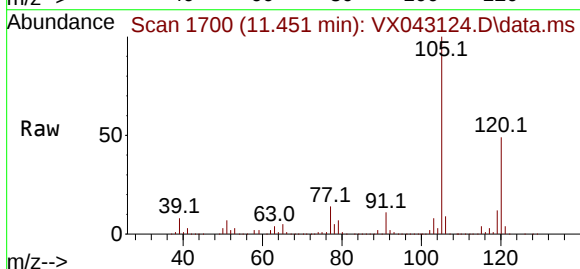
Acq: 24 Sep 2024 15:49

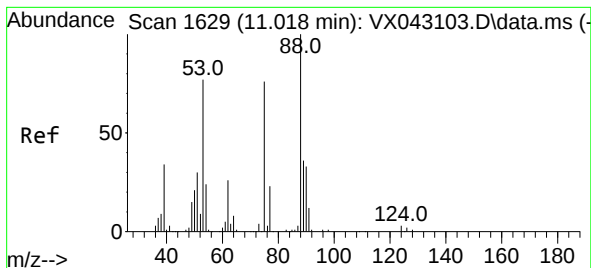
Tgt Ion:105 Resp: 469548

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5

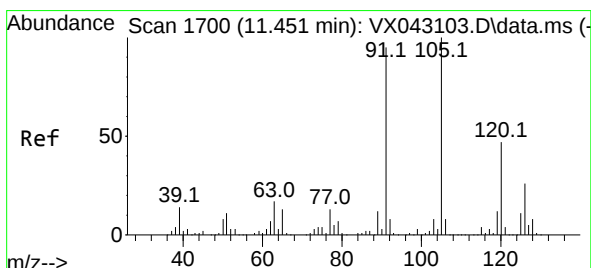
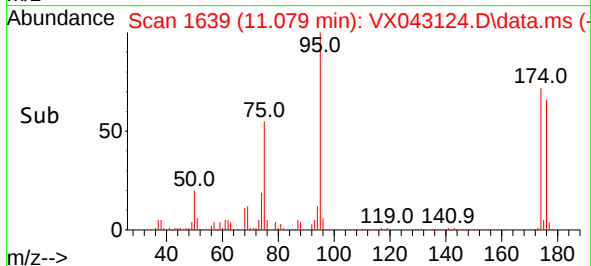
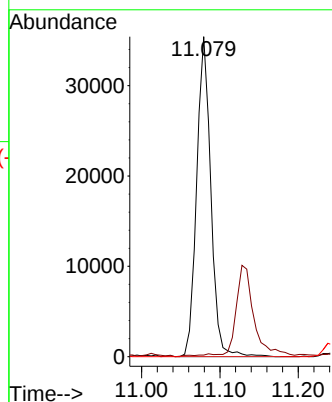
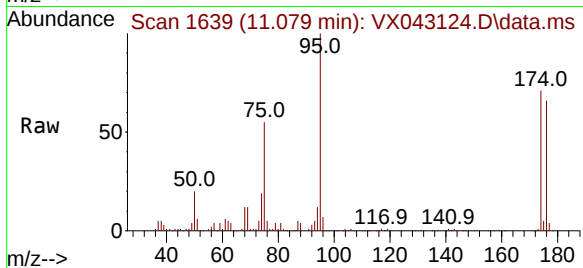




#81
trans-1,4-Dichloro-2-butene
Concen: 66.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

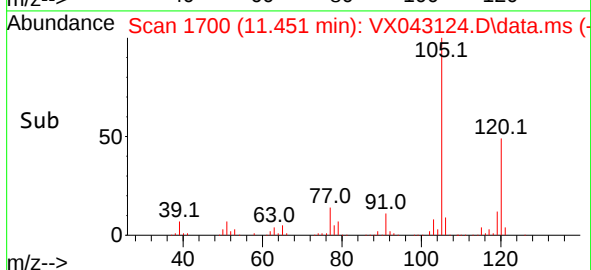
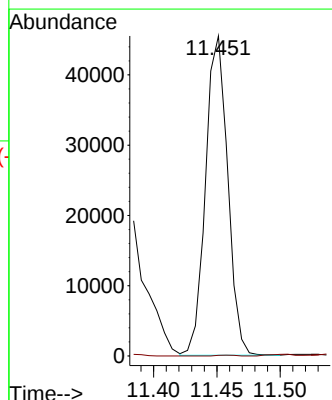
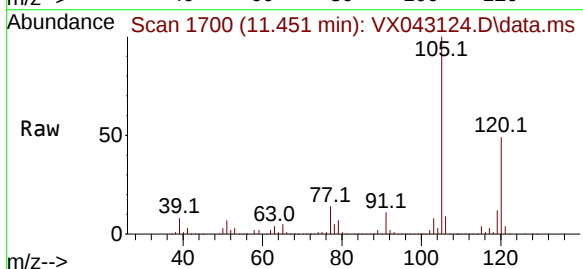
Instrument :
MSVOA_X
ClientSampleId :

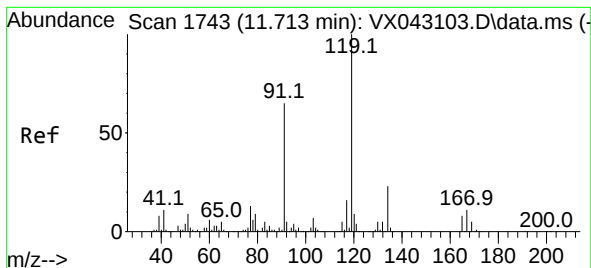
Tgt Ion: 75 Resp: 44589
Ion Ratio Lower Upper
75 100
53 1.1 85.4 128.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 12.077 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043124.D
Acq: 24 Sep 2024 15:49

Tgt Ion: 91 Resp: 55348
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#





#83

tert-Butylbenzene

Concen: 24.213 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

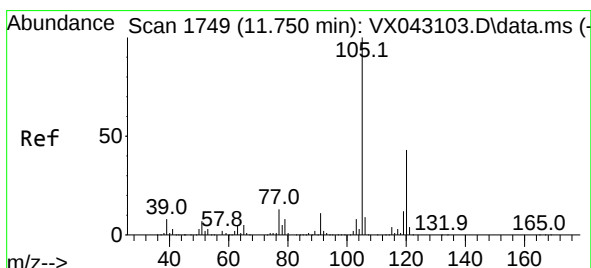
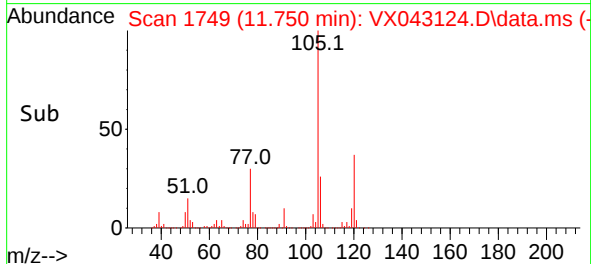
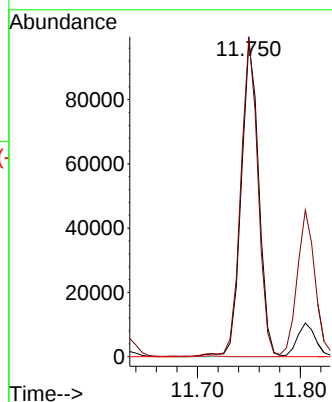
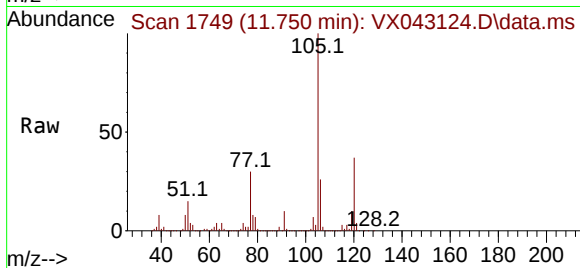
Tgt Ion:119 Resp: 116314

Ion Ratio Lower Upper

119 100

91 99.7 31.8 95.3#

134 0.0 11.6 34.7#



#84

1,2,4-Trimethylbenzene

Concen: 263.496 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043124.D

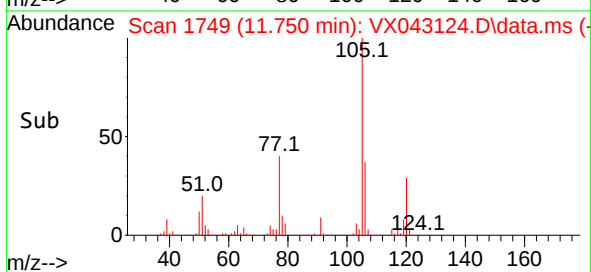
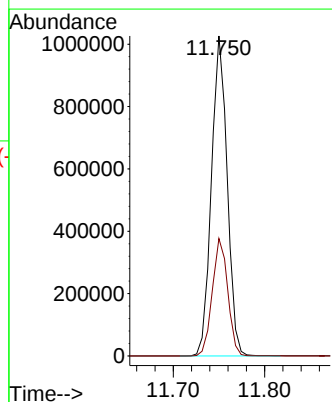
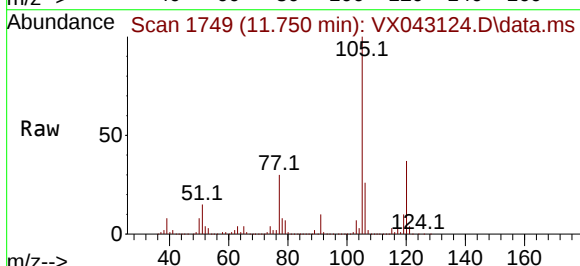
Acq: 24 Sep 2024 15:49

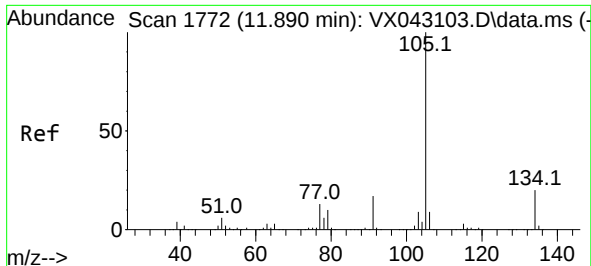
Tgt Ion:105 Resp: 1222101

Ion Ratio Lower Upper

105 100

120 36.0 21.8 65.4

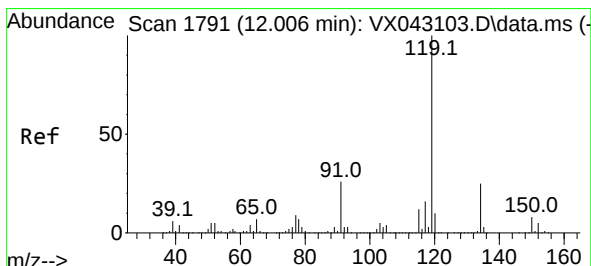
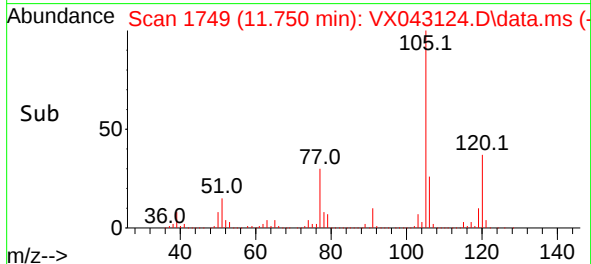
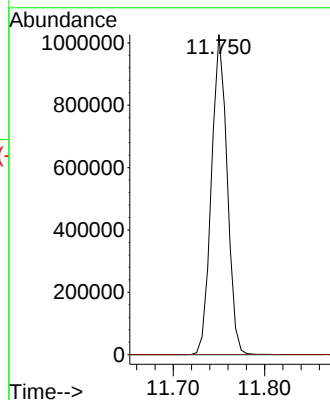
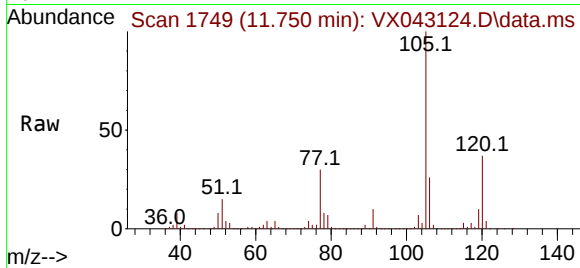




#85
 sec-Butylbenzene
 Concen: 206.992 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

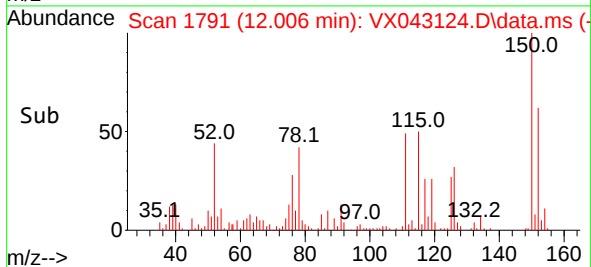
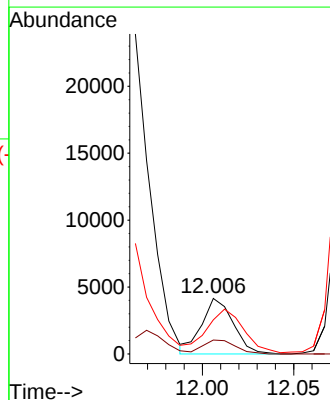
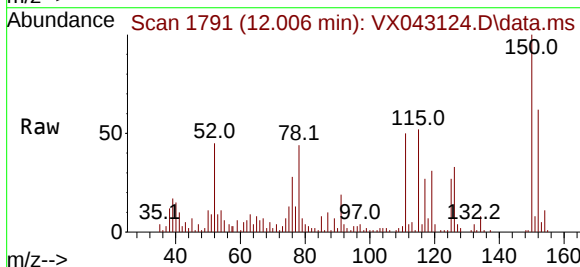
Instrument :
 MSVOA_X
 ClientSampleId :

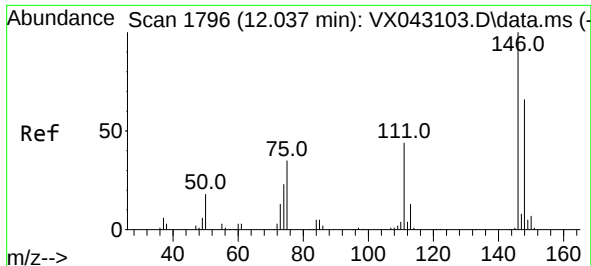
Tgt Ion:105 Resp: 1222101
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 1.019 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Tgt Ion:119 Resp: 4993
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 90.6 13.3 39.8#





#88

1,4-Dichlorobenzene

Concen: 0.251 ug/l

RT: 12.036 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

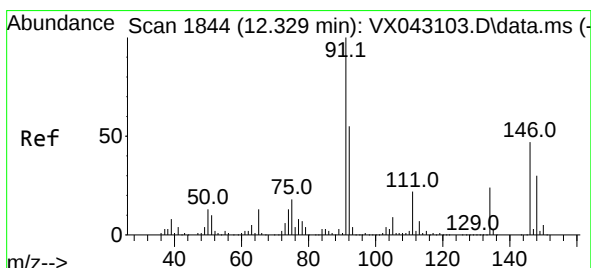
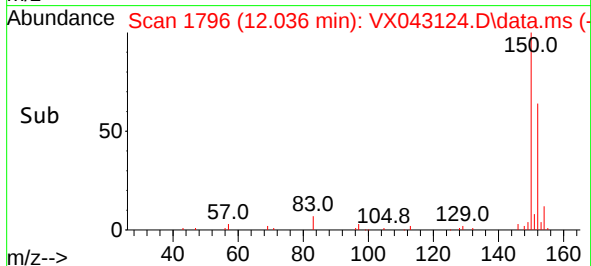
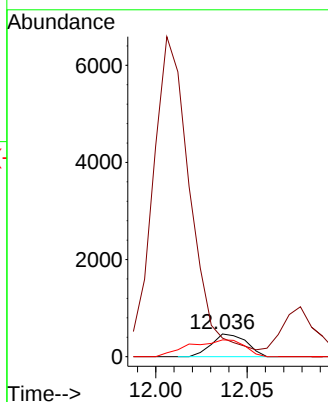
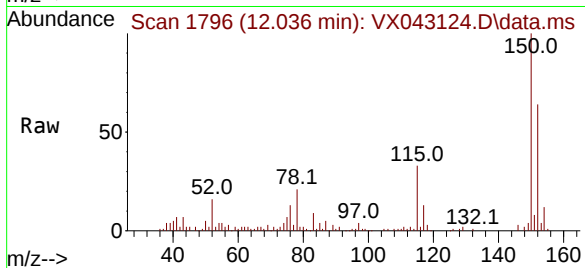
Tgt Ion:146 Resp: 620

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 115.6 32.6 98.0#



#89

n-Butylbenzene

Concen: 2.111 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

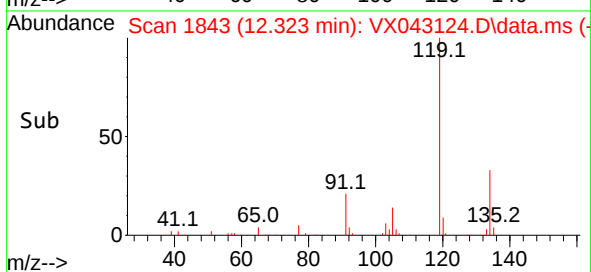
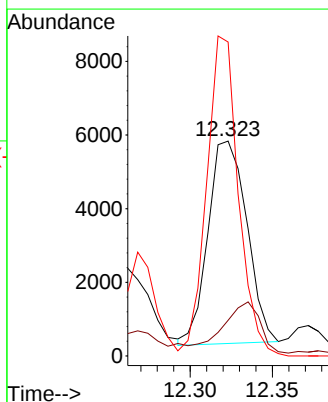
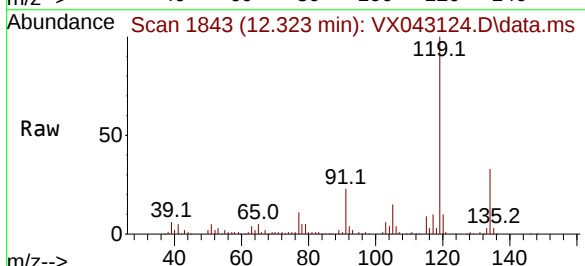
Tgt Ion: 91 Resp: 9020

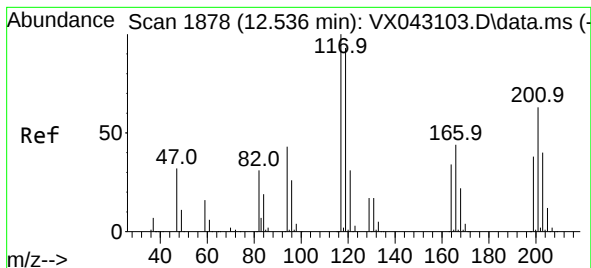
Ion Ratio Lower Upper

91 100

92 24.7 26.9 80.7#

134 129.2 12.6 37.6#





#90

Hexachloroethane

Concen: 501.493 ug/l

RT: 12.414 min Scan# 117

Delta R.T. -0.122 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

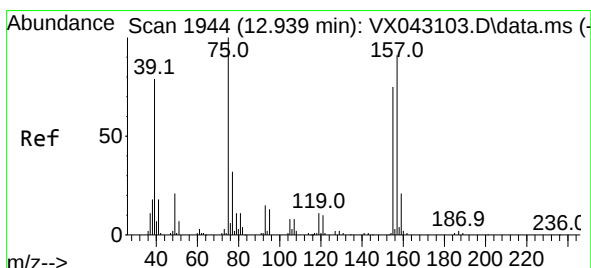
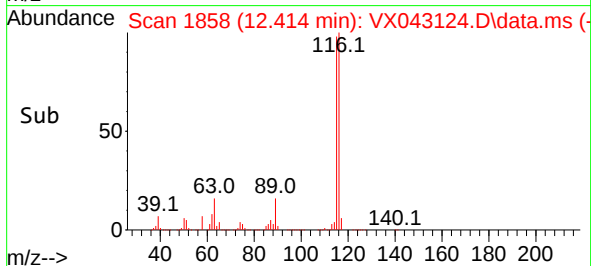
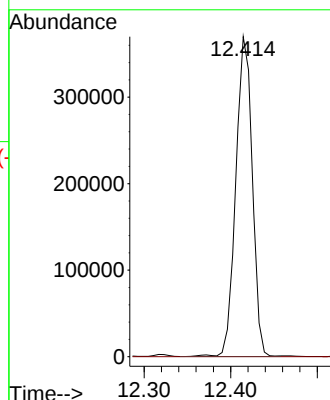
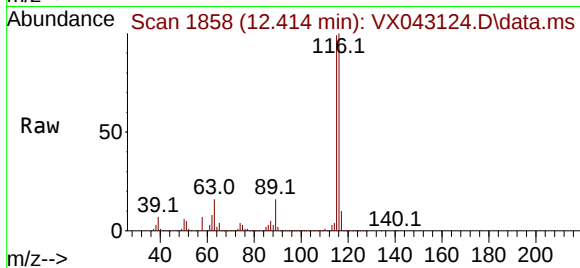
ClientSampleId :

Tgt Ion:117 Resp: 489886

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.145 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.024 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

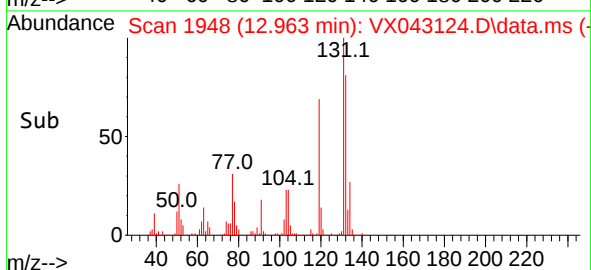
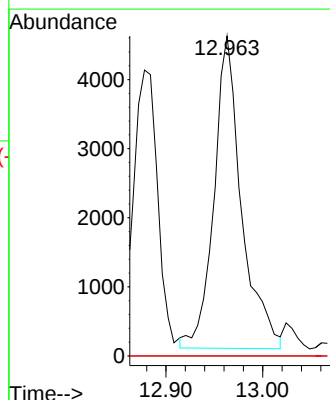
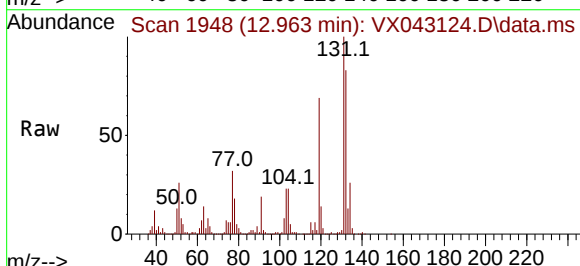
Tgt Ion: 75 Resp: 8895

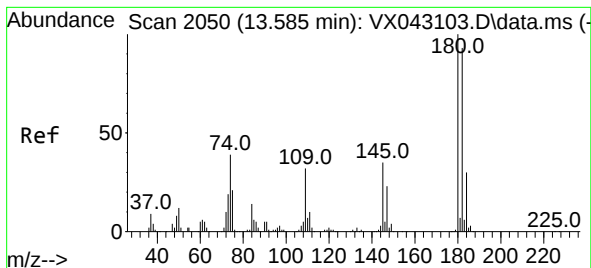
Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 49.2 147.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.355 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043124.D

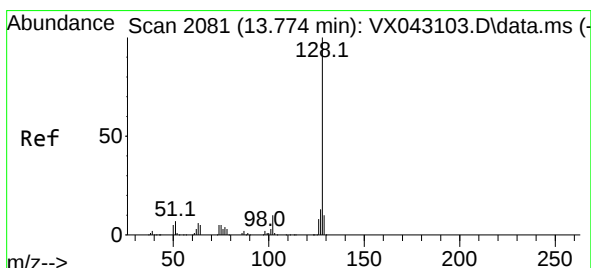
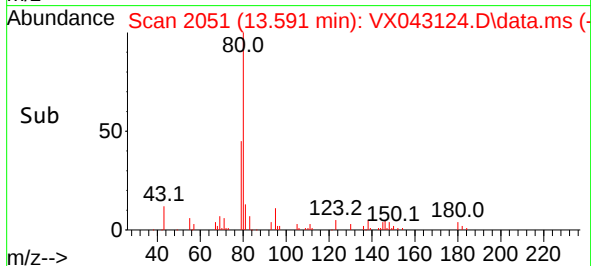
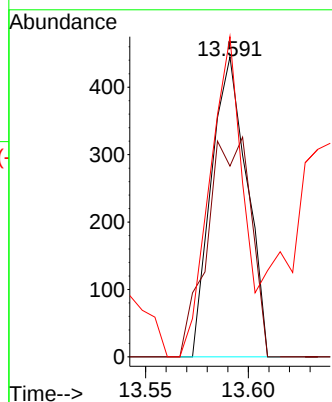
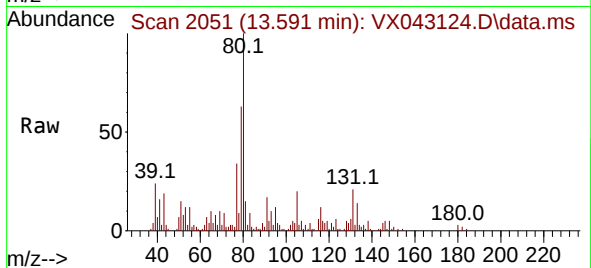
Acq: 24 Sep 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	535
Ion Ratio	Lower	Upper
180	100	
182	90.1	46.7 140.0
145	108.0	17.0 50.9#



#95

Naphthalene

Concen: 3158.345 ug/l

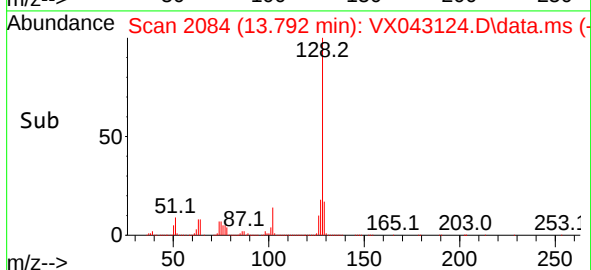
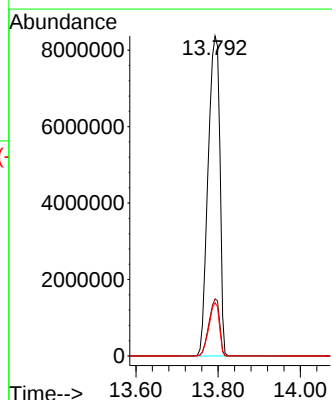
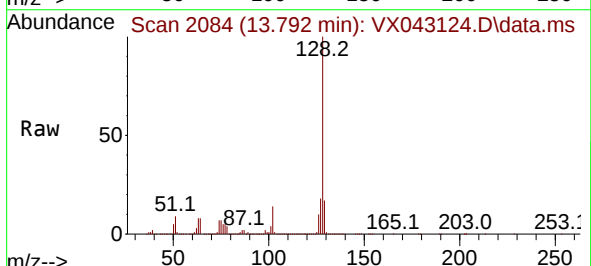
RT: 13.792 min Scan# 2084

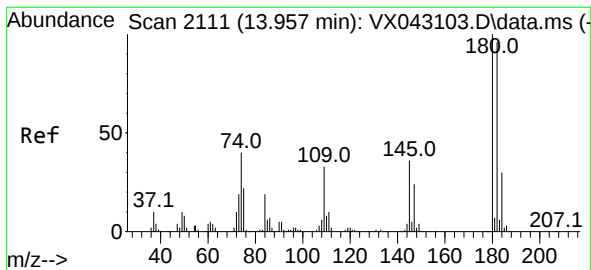
Delta R.T. 0.018 min

Lab File: VX043124.D

Acq: 24 Sep 2024 15:49

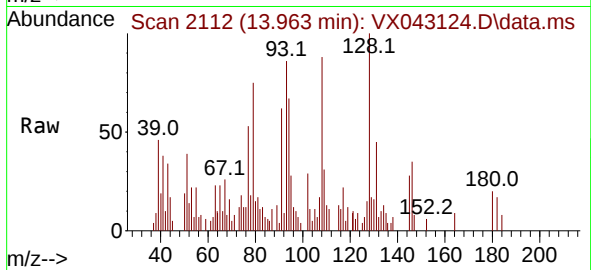
Tgt Ion:128	Resp:	16531520
Ion Ratio	Lower	Upper
128	100	
127	16.3	10.2 15.4#
129	14.7	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX043124.D
 Acq: 24 Sep 2024 15:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 443
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.8 143.4
 145 121.4 17.7 53.1#

