

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043114.D
 Acq On : 24 Sep 2024 11:35
 Operator : JC/MD
 Sample : P4103-07
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:23:25 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	5.544	168	77510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66531	51.675	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.360%	
35) Dibromofluoromethane	5.385	113	51672	49.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.740%	
50) Toluene-d8	8.647	98	170754	48.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	11.079	95	68031	47.708	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.420%	

Target Compounds					Qvalue	
3) Chloromethane	1.301	50	214	0.254	ug/l #	43
5) Bromomethane	1.599	94	295	0.598	ug/l	98
10) Methyl Iodide	2.441	142	483	0.473	ug/l #	89
11) Tert butyl alcohol	2.940	59	3006	10.457	ug/l #	71
13) Acrolein	2.306	56	1629	43.013	ug/l	83
14) Allyl chloride	2.751	41	12807	8.396	ug/l #	60
15) Acrylonitrile	3.075	53	3369	6.756	ug/l #	43
16) Acetone	2.416	43	496	0.824	ug/l #	32
17) Carbon Disulfide	2.483	76	1047	0.513	ug/l	95
18) Methyl Acetate	2.751	43	28441	17.550	ug/l #	51
20) Methylene Chloride	2.776	84	708	0.739	ug/l #	9
21) trans-1,2-Dichloroethene	3.087	96	259	0.305	ug/l #	72
23) Vinyl Acetate	3.763	43	1030	0.307	ug/l #	72
31) Cyclohexane	5.489	56	75632	59.734	ug/l #	45
38) Carbon Tetrachloride	5.544	117	8616	5.201	ug/l #	17
39) Methylcyclohexane	7.373	83	47502	29.431	ug/l	93
41) Methacrylonitrile	4.940	41	476	0.593	ug/l #	22
43) Isopropyl Acetate	6.233	43	317128	117.537	ug/l #	62
45) 1,2-Dichloropropane	7.482	63	659	0.697	ug/l #	1
47) Bromodichloromethane	7.769	83	2402	1.451	ug/l #	1
48) Methyl methacrylate	7.653	41	8501	6.415	ug/l #	55
51) 4-Methyl-2-Pentanone	8.610	43	76698	46.272	ug/l #	80
52) Toluene	8.726	92	545	0.223	ug/l	85
55) 1,1,2-Trichloroethane	9.202	97	1664	1.654	ug/l #	1
56) Ethyl methacrylate	9.098	69	6971	3.981	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.263	63	1121	1.583	ug/l #	45
59) 2-Hexanone	9.384	43	82393	63.571	ug/l #	32
60) Dibromochloromethane	9.494	129	609	0.463	ug/l	76
64) Tetrachloroethene	9.275	164	216	0.233	ug/l #	84
65) Chlorobenzene	10.079	112	738	0.268	ug/l	97
67) Ethyl Benzene	10.195	91	11226	2.353	ug/l	99
68) m/p-Xylenes	10.299	106	20130	11.336	ug/l	96
69) o-Xylene	10.640	106	10023	5.628	ug/l	97
70) Styrene	10.665	104	1424	0.479	ug/l #	1
73) Isopropylbenzene	10.963	105	22859	4.747	ug/l	99
74) N-amyl acetate	10.854	43	38373	16.960	ug/l #	6

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

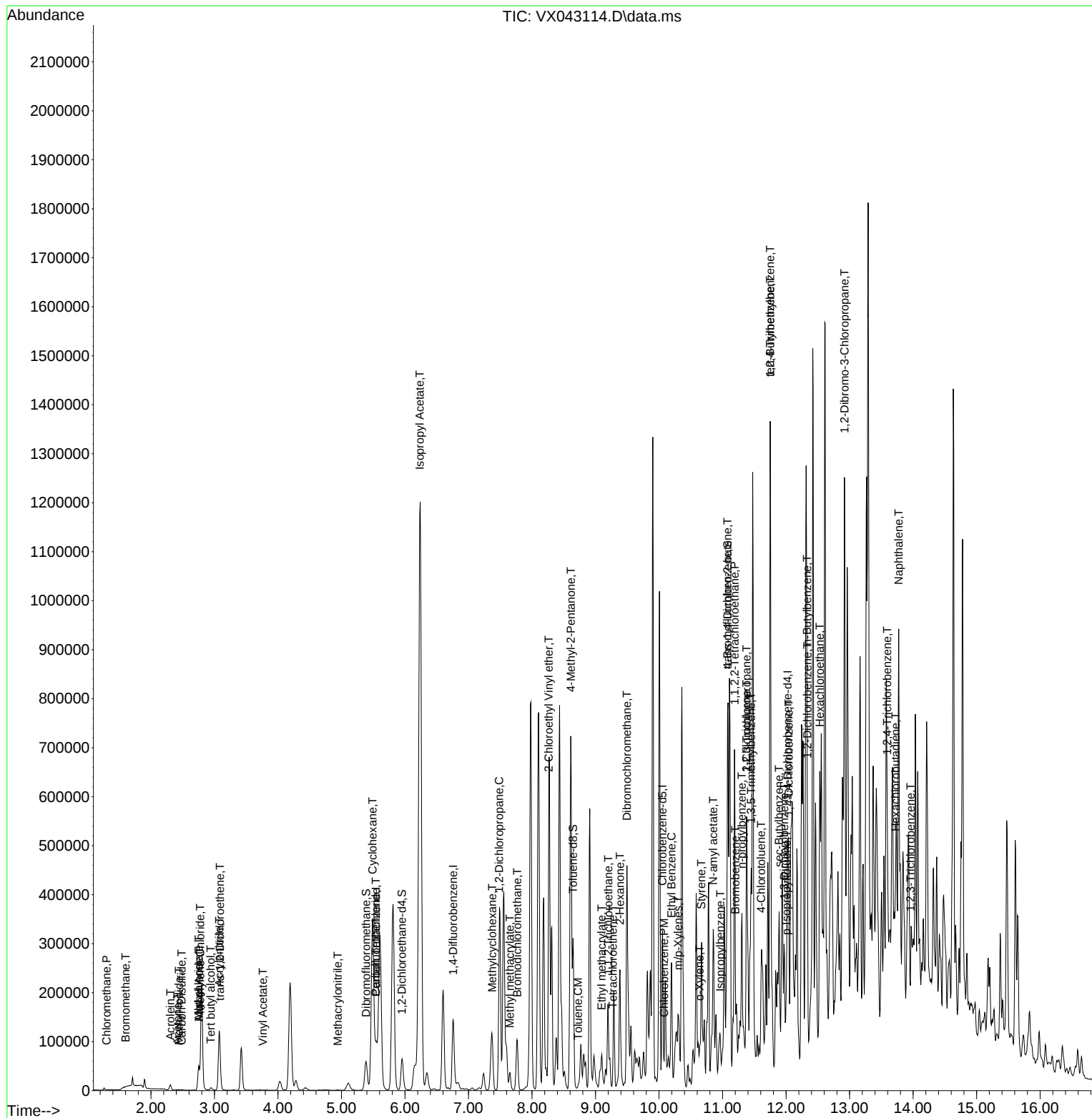
75) 1,1,2,2-Tetrachloroethane	11.189	83	8832	5.700	ug/l #	29
76) 1,2,3-Trichloropropane	11.378	75	3201	2.345	ug/l #	1
77) Bromobenzene	11.201	156	331	0.286	ug/l #	1
78) n-propylbenzene	11.305	91	165309	30.258	ug/l	99
79) 2-Chlorotoluene	11.378	91	42563	12.421	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	145989	36.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	37141	64.823	ug/l #	18
82) 4-Chlorotoluene	11.610	91	12448	3.178	ug/l	76
83) tert-Butylbenzene	11.750	119	57698	14.054	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.750	105	491368	123.966	ug/l	99
85) sec-Butylbenzene	11.890	105	58948	11.683	ug/l	97
86) p-Isopropyltoluene	12.006	119	25339	6.049	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1338	0.635	ug/l #	70
88) 1,4-Dichlorobenzene	12.042	146	1469	0.695	ug/l #	1
89) n-Butylbenzene	12.329	91	243194	66.614	ug/l #	55
90) Hexachloroethane	12.530	117	20533	24.595	ug/l #	18
91) 1,2-Dichlorobenzene	12.335	146	957	0.461	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3688	8.803	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	2048	1.591	ug/l #	1
94) Hexachlorobutadiene	13.725	225	973	1.799	ug/l	95
95) Naphthalene	13.774	128	399311	89.266	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	3293	2.575	ug/l #	1

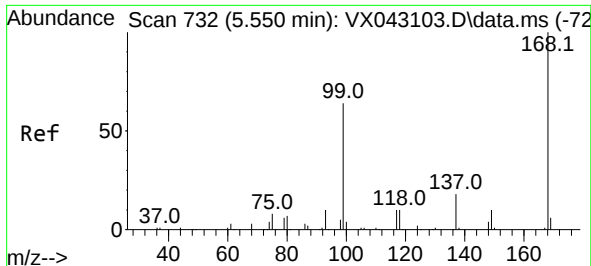
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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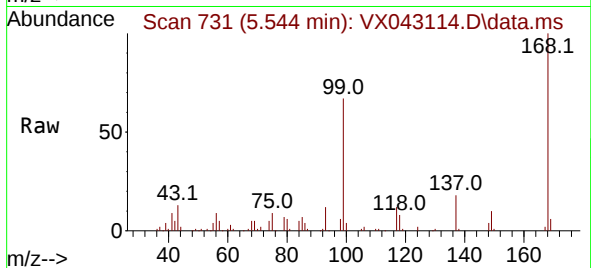


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

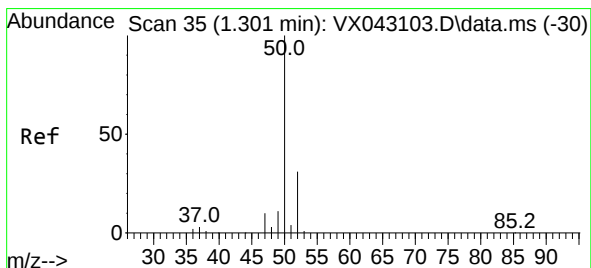
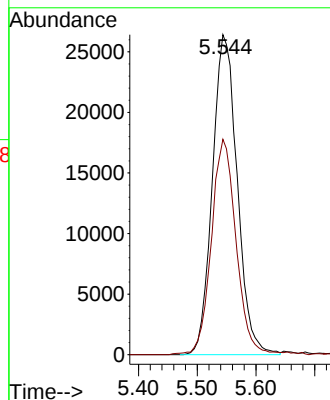
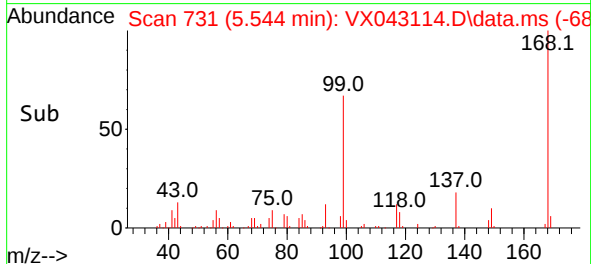
Instrument :

MSVOA_X

ClientSampleId :

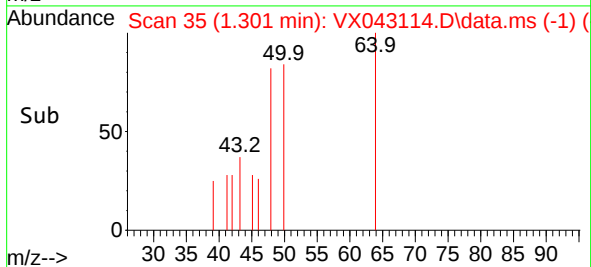
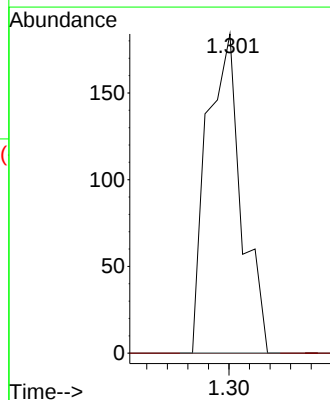
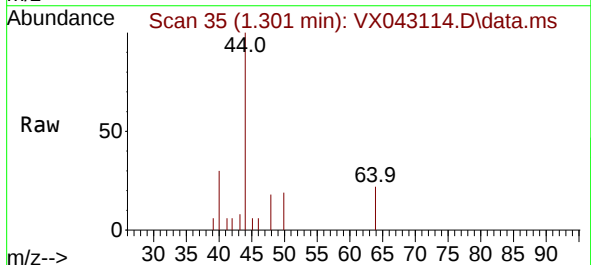


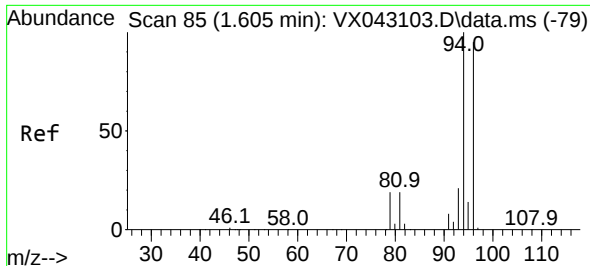
Tgt Ion:168 Resp: 77510
Ion Ratio Lower Upper
168 100
99 66.9 50.8 76.2



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

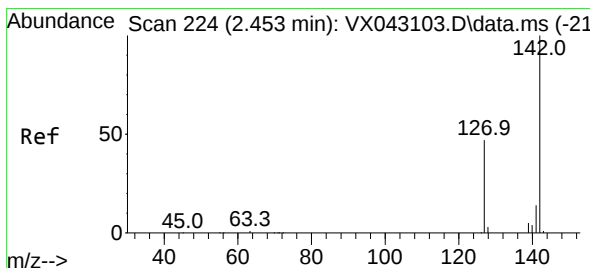
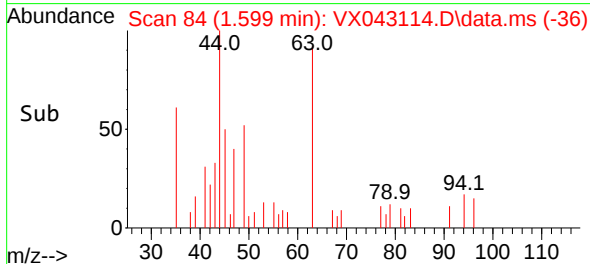
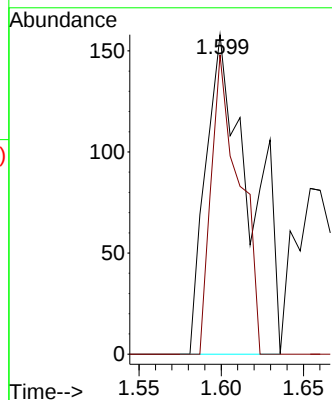
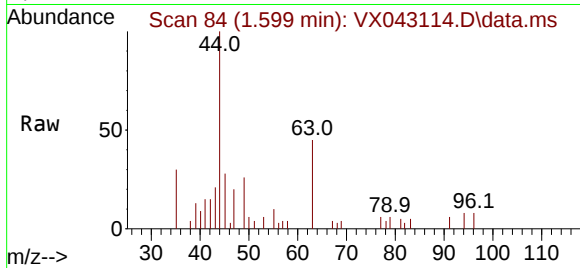




#5
Bromomethane
Concen: 0.598 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

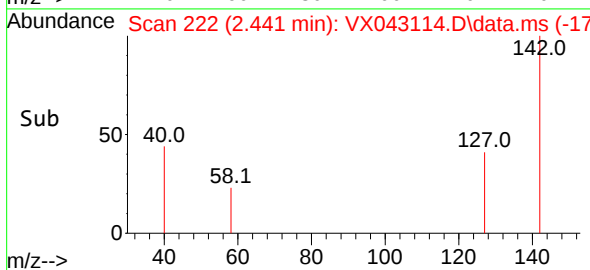
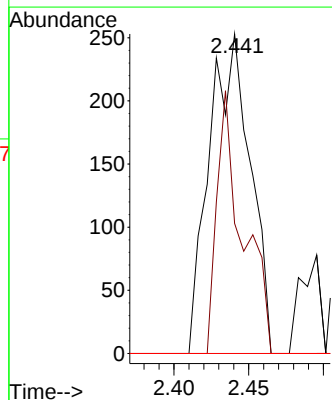
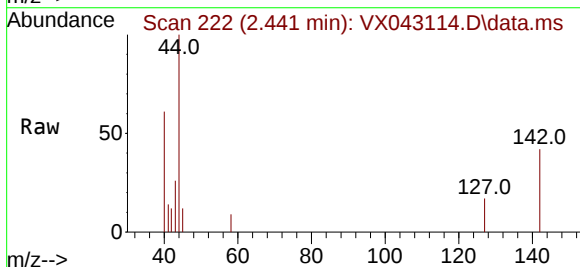
Instrument :
MSVOA_X
ClientSampleId :

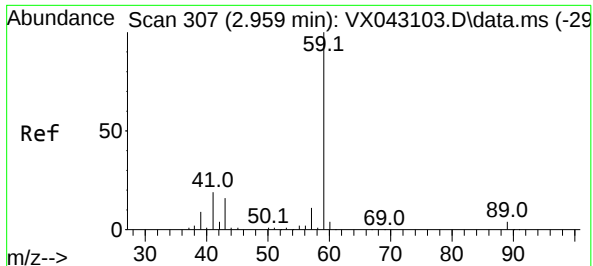
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 93.7 76.2 114.4



#10
Methyl Iodide
Concen: 0.473 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 142 Resp: 483
Ion Ratio Lower Upper
142 100
127 51.6 38.9 58.3
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 10.457 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

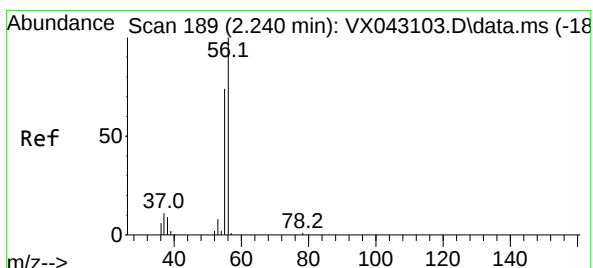
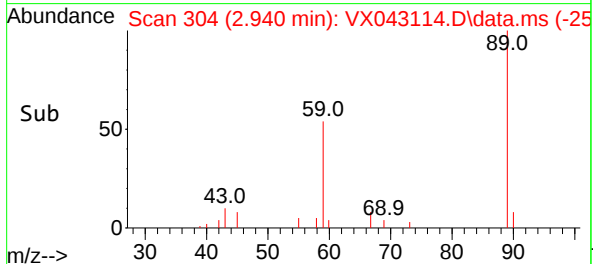
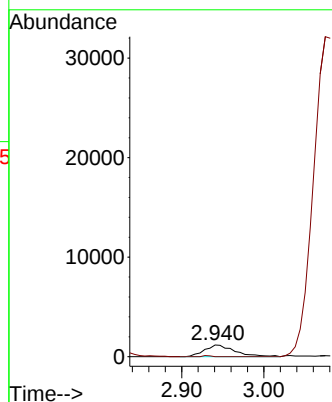
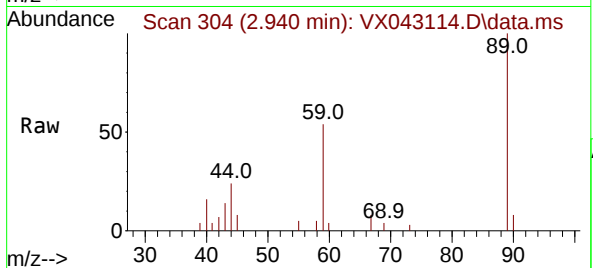
ClientSampleId :

Tgt Ion: 59 Resp: 3006

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 43.013 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.067 min

Lab File: VX043114.D

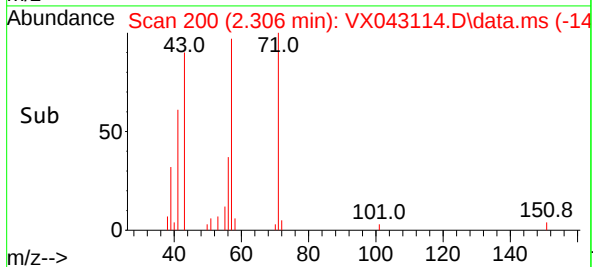
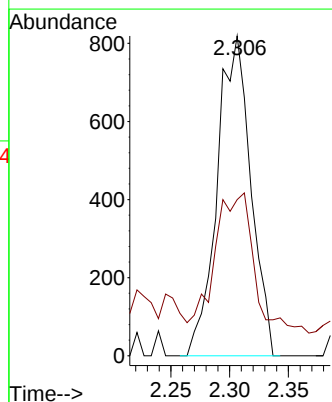
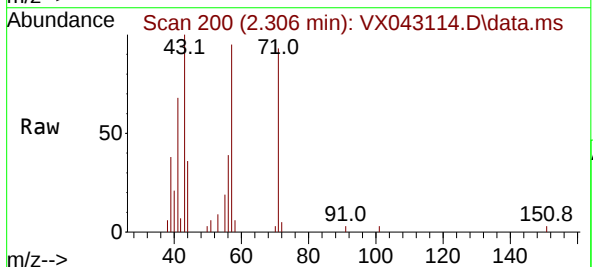
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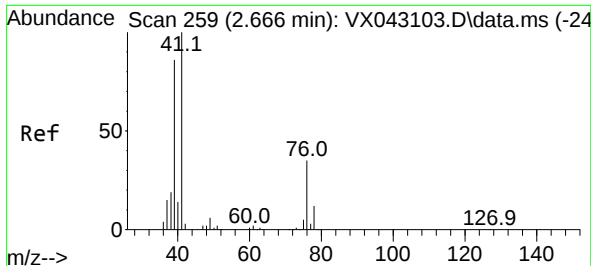
Tgt Ion: 56 Resp: 1629

Ion Ratio Lower Upper

56 100

55 56.0 55.8 83.6





#14

Allyl chloride

Concen: 8.396 ug/l

RT: 2.751 min Scan# 21

Delta R.T. 0.085 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

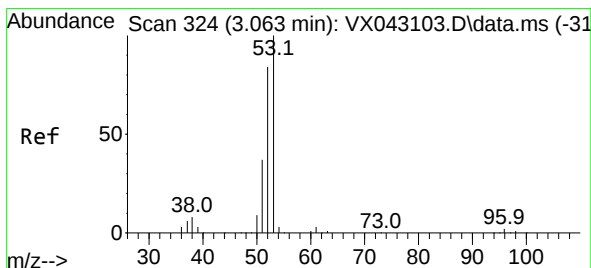
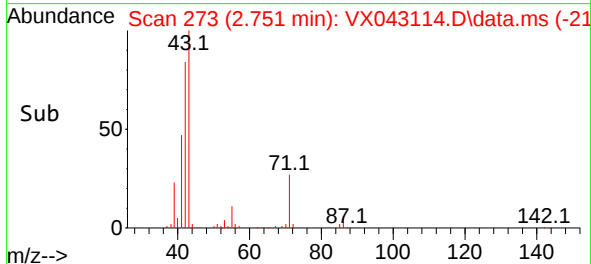
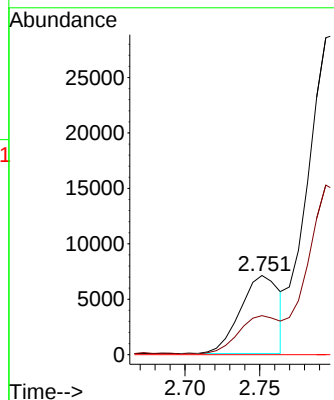
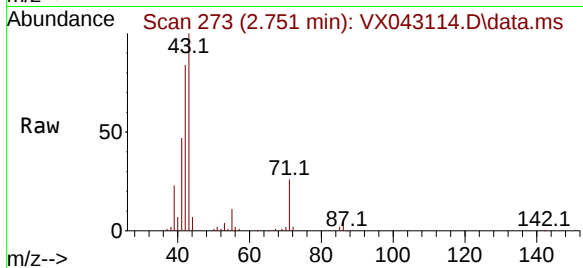
Tgt Ion: 41 Resp: 12807

Ion Ratio Lower Upper

41 100

39 51.7 61.7 92.5#

76 0.0 29.0 43.6#



#15

Acrylonitrile

Concen: 6.756 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

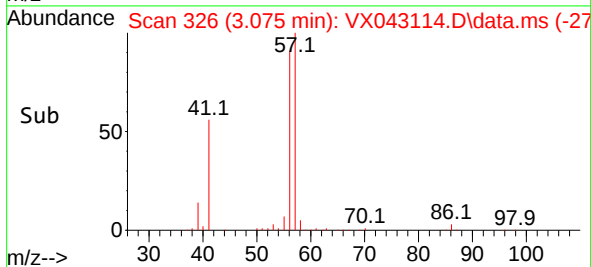
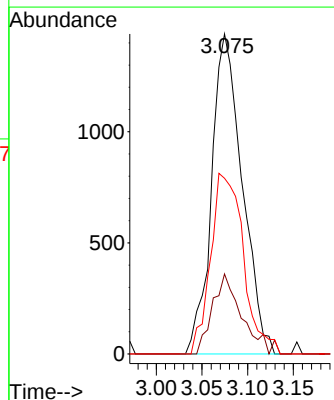
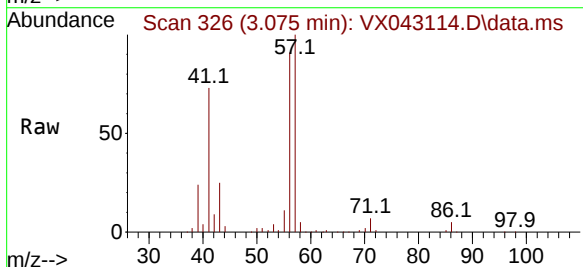
Tgt Ion: 53 Resp: 3369

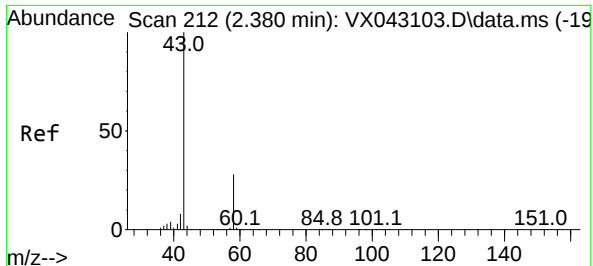
Ion Ratio Lower Upper

53 100

52 23.9 67.8 101.6#

51 60.3 30.6 45.8#

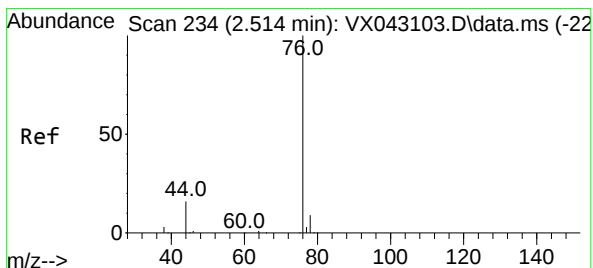
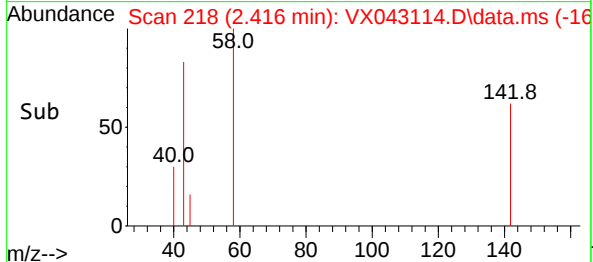
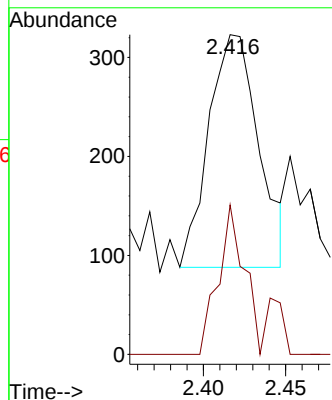
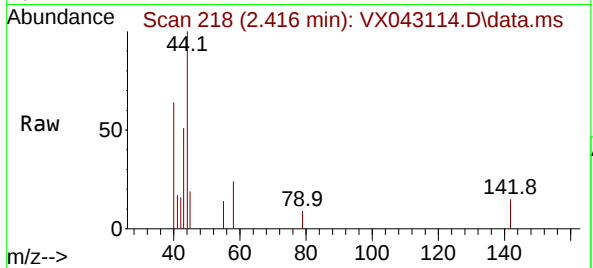




#16
Acetone
Concen: 0.824 ug/l
RT: 2.416 min Scan# 211
Delta R.T. 0.036 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

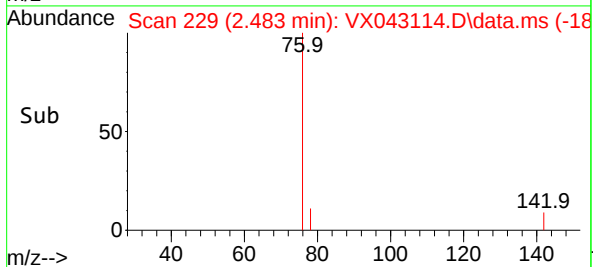
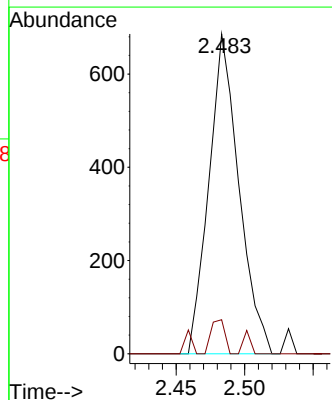
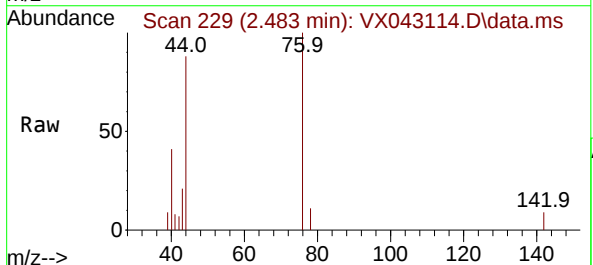
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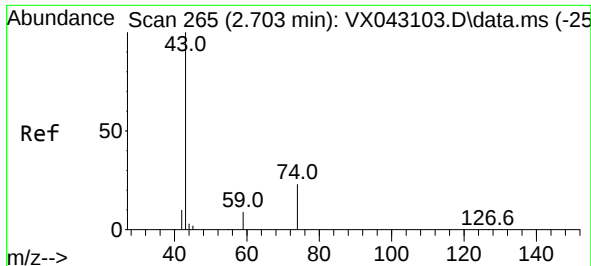
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
58 64.3 22.6 34.0#



#17
Carbon Disulfide
Concen: 0.513 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.031 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 76 Resp: 1047
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8





#18

Methyl Acetate

Concen: 17.550 ug/l

RT: 2.751 min Scan# 21

Delta R.T. 0.049 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

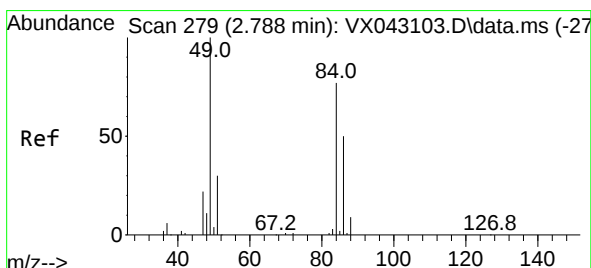
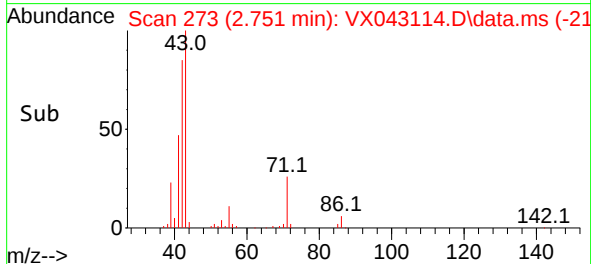
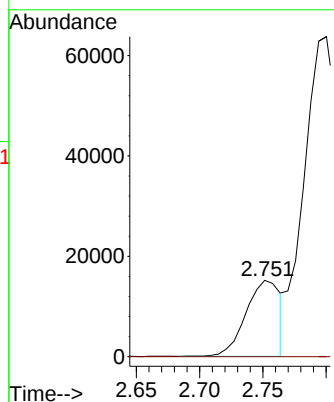
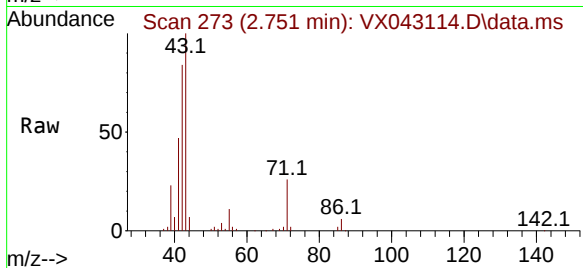
ClientSampleId :

Tgt Ion: 43 Resp: 28441

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#20

Methylene Chloride

Concen: 0.739 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Tgt Ion: 84 Resp: 708

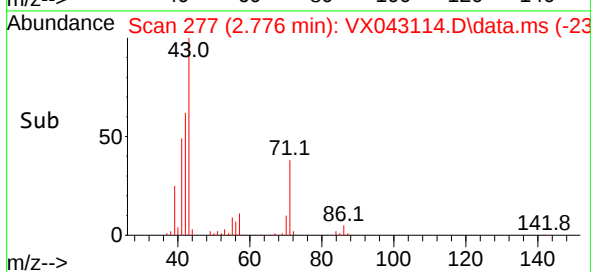
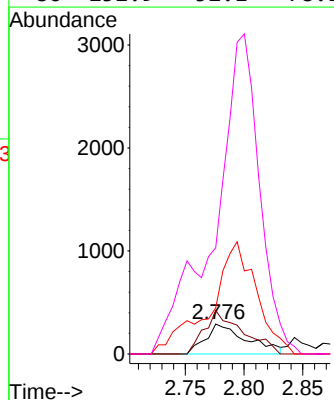
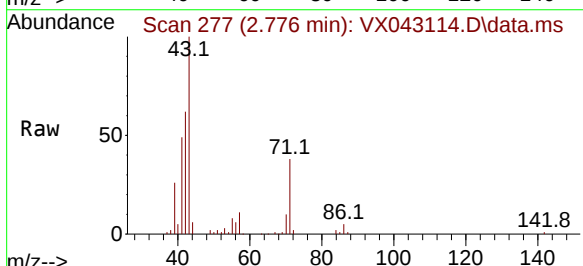
Ion Ratio Lower Upper

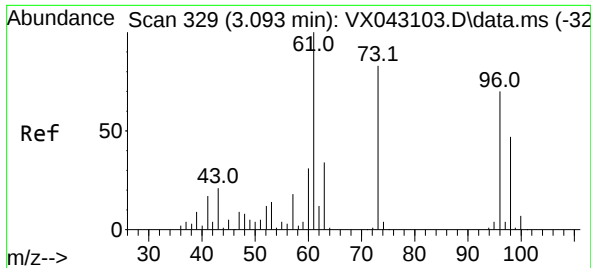
84 100

49 145.4 104.1 156.1

51 101.7 31.1 46.7#

86 252.9 52.1 78.1#

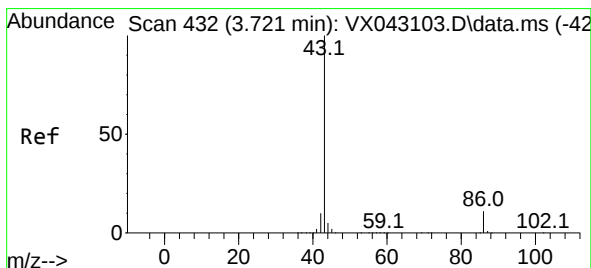
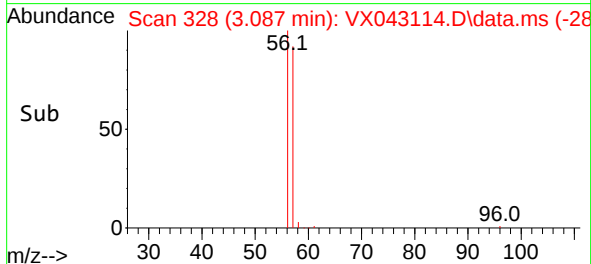
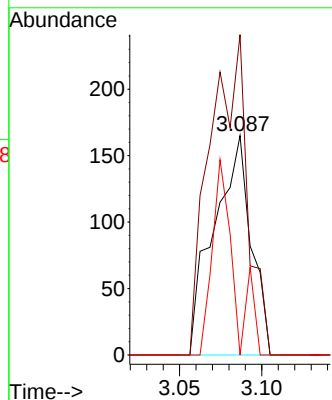
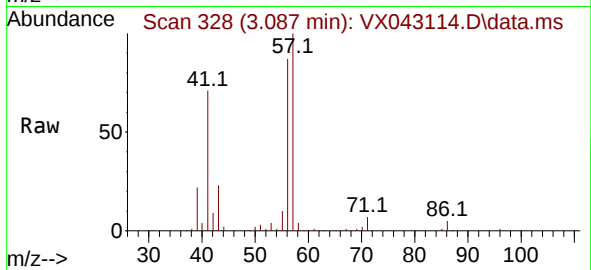




#21
trans-1,2-Dichloroethene
Concen: 0.305 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

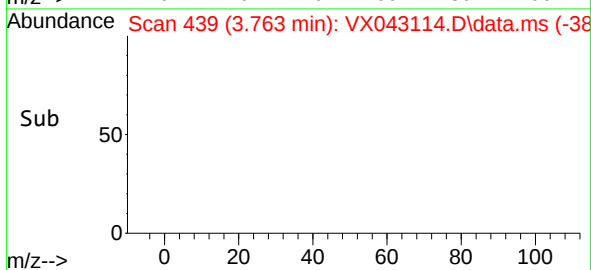
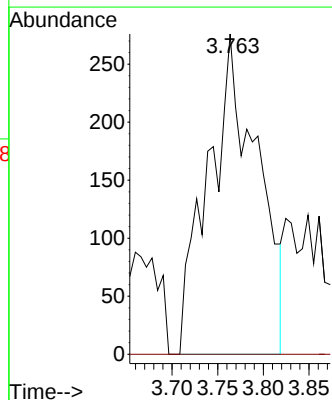
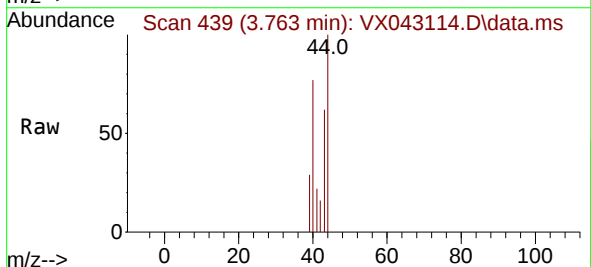
Instrument :
MSVOA_X
ClientSampleId :

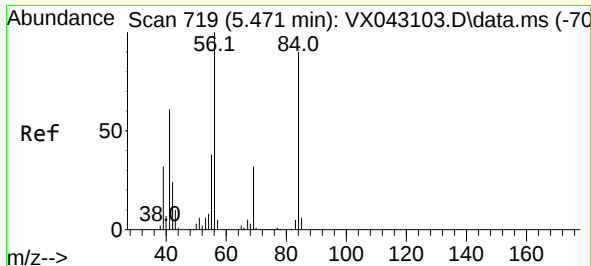
Tgt Ion: 96 Resp: 259
Ion Ratio Lower Upper
96 100
61 146.1 114.5 171.7
98 0.0 53.8 80.6#



#23
Vinyl Acetate
Concen: 0.307 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

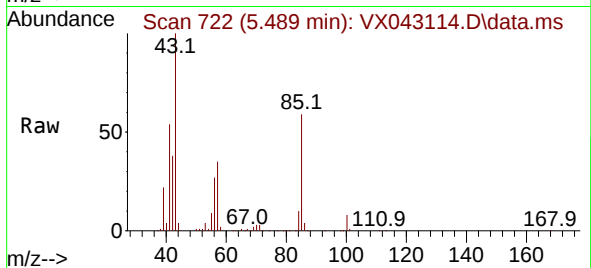
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#



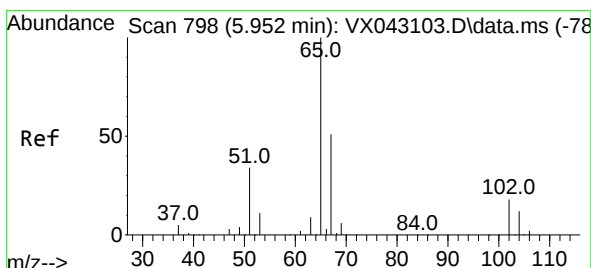
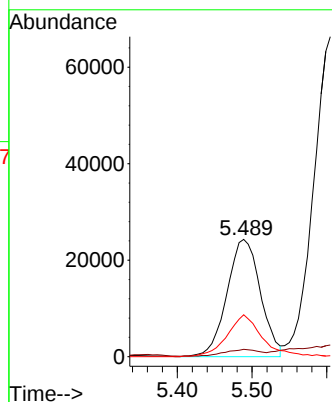
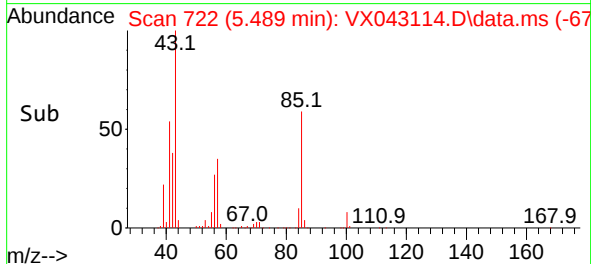


#31
Cyclohexane
Concen: 59.734 ug/l
RT: 5.489 min Scan# 719
Delta R.T. 0.018 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :

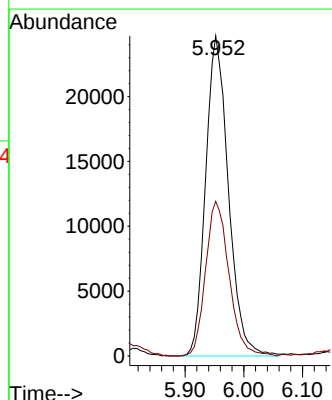
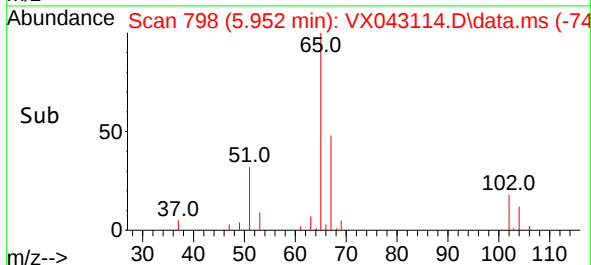
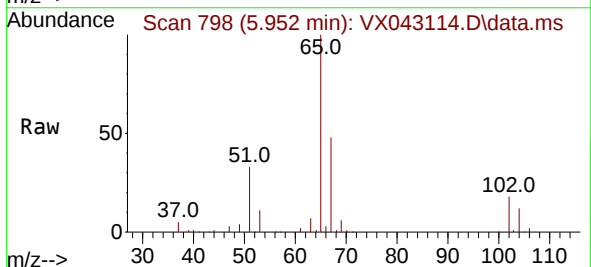


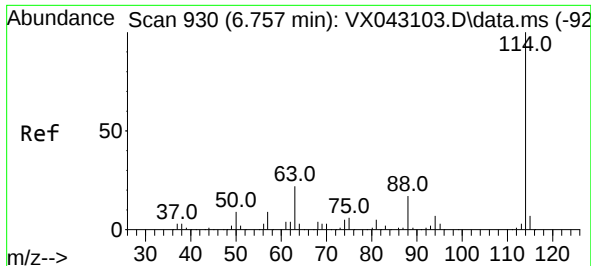
Tgt Ion: 56 Resp: 75632
Ion Ratio Lower Upper
56 100
69 5.9 25.8 38.6#
84 35.8 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 51.675 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 65 Resp: 66531
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

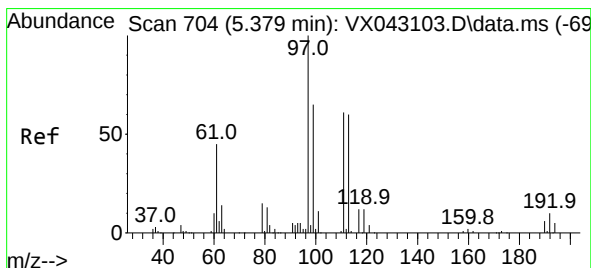
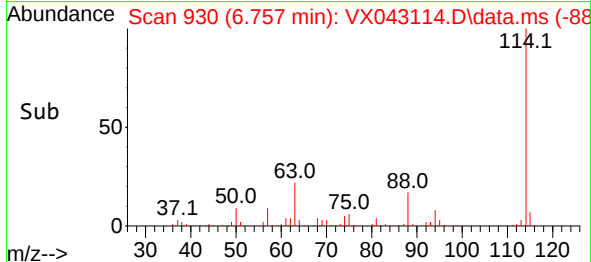
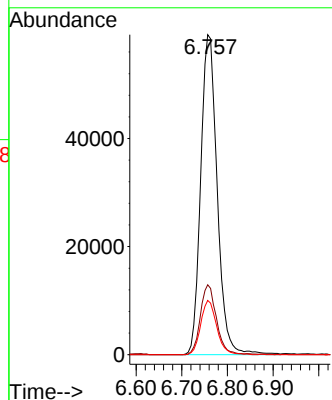
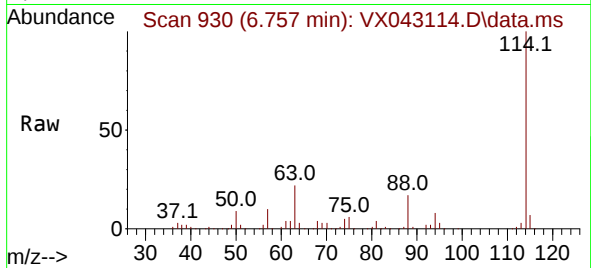




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

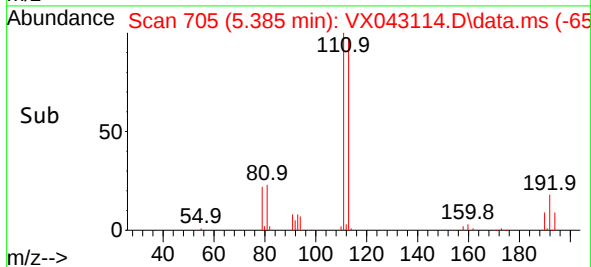
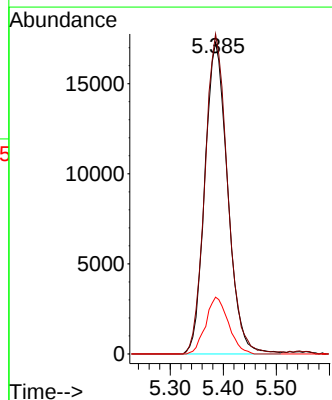
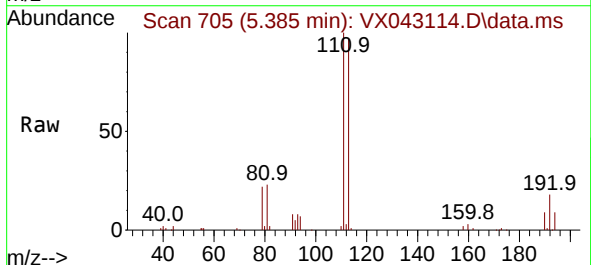
Instrument :
MSVOA_X
ClientSampleId :

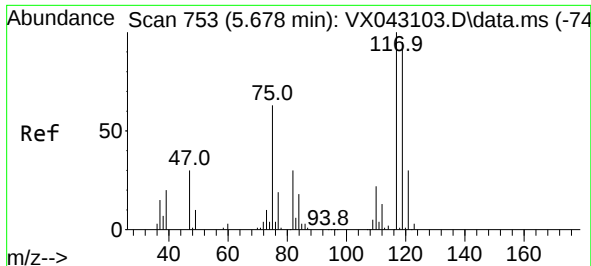
Tgt Ion:114 Resp: 148365
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 17.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

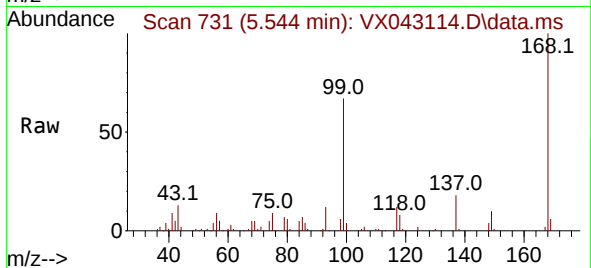
Tgt Ion:113 Resp: 51672
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.1 14.6 22.0



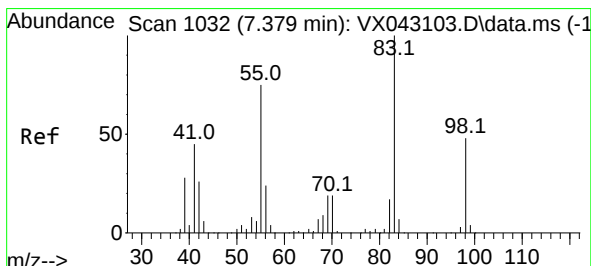
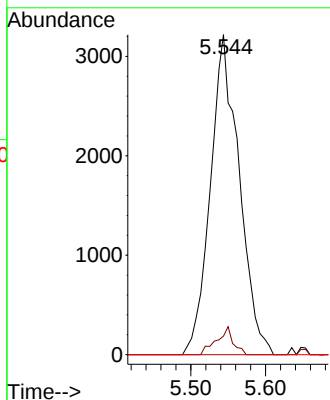
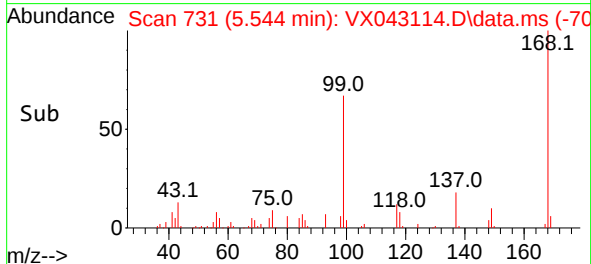


#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :

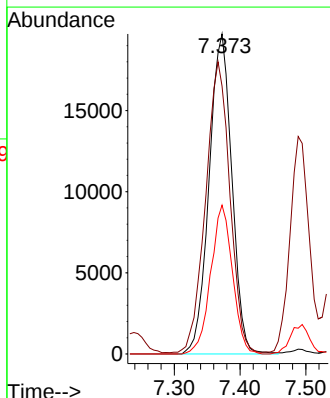
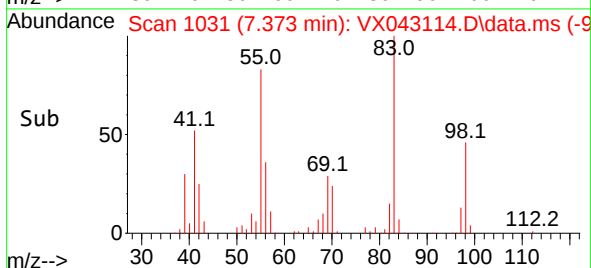
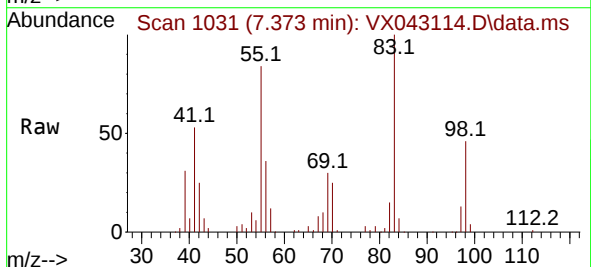


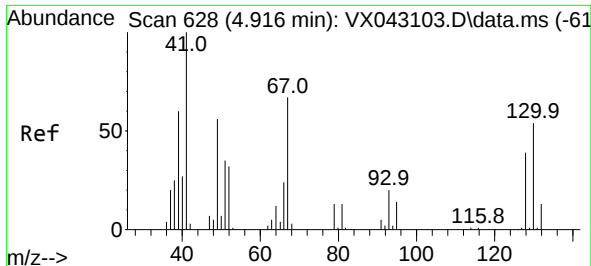
Tgt Ion: 117 Resp: 8616
Ion Ratio Lower Upper
117 100
119 5.8 75.5 113.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 29.431 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 83 Resp: 47502
Ion Ratio Lower Upper
83 100
55 83.2 60.2 90.4
98 46.5 38.6 58.0



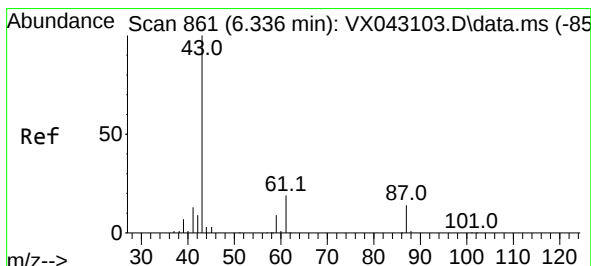
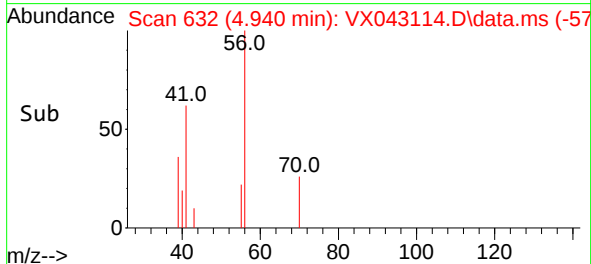
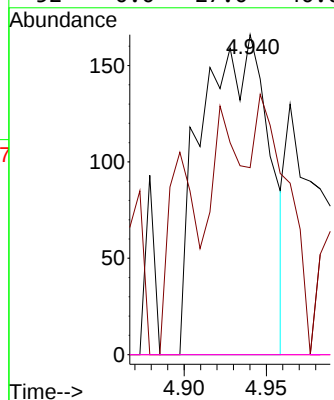
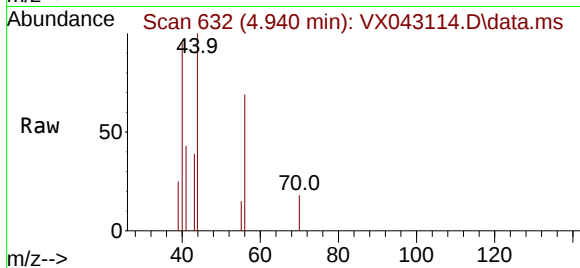


#41
Methacrylonitrile
Concen: 0.593 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 476

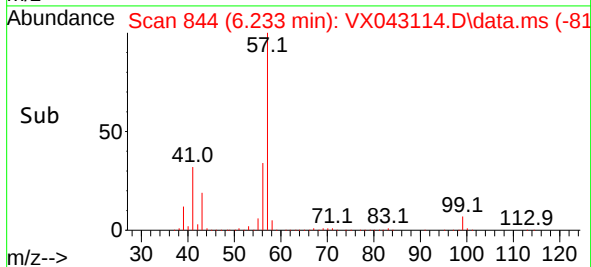
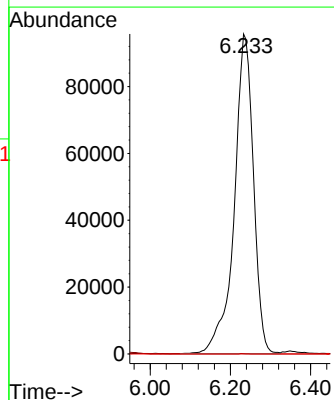
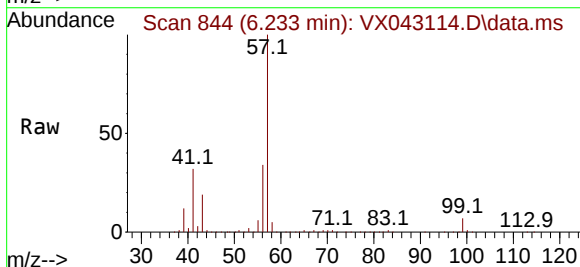
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.8	70.2#
67	0.0	57.0	85.6#
52	0.0	27.0	40.6#

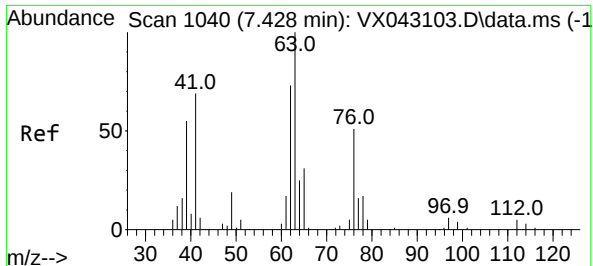


#43
Isopropyl Acetate
Concen: 117.537 ug/l
RT: 6.233 min Scan# 844
Delta R.T. -0.104 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 43 Resp: 317128

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.0	22.6#
87	0.0	10.6	16.0#





#45

1,2-Dichloropropane

Concen: 0.697 ug/l

RT: 7.482 min Scan# 1049

Delta R.T. 0.055 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

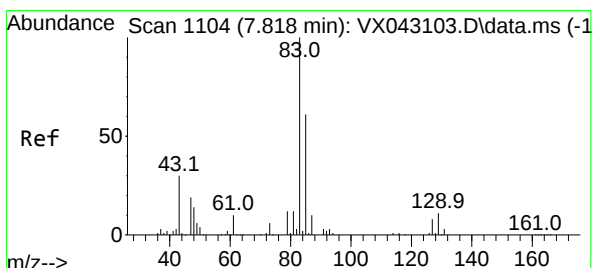
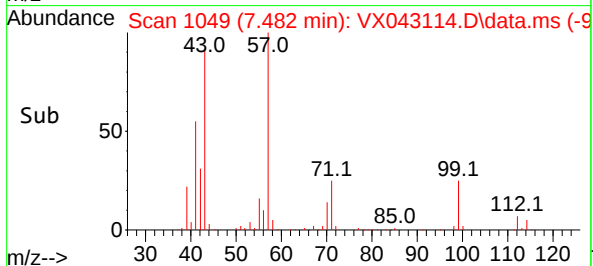
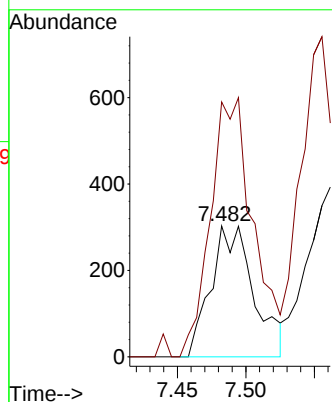
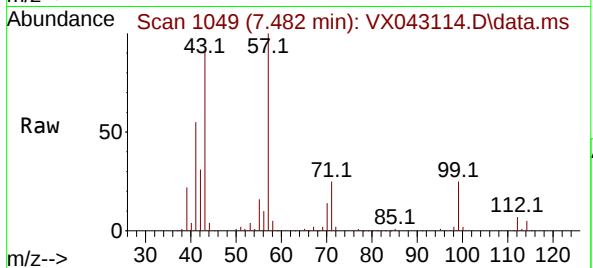
ClientSampleId :

Tgt Ion: 63 Resp: 659

Ion Ratio Lower Upper

63 100

65 194.7 25.0 37.6#



#47

Bromodichloromethane

Concen: 1.451 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.049 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

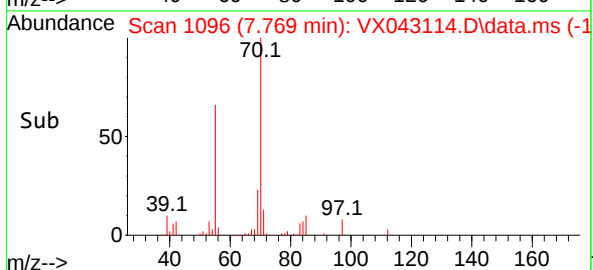
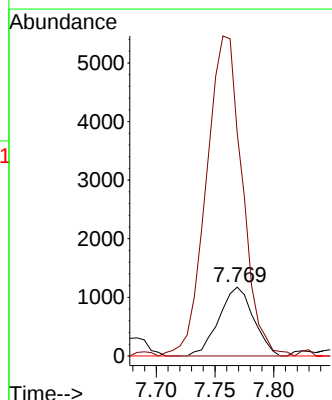
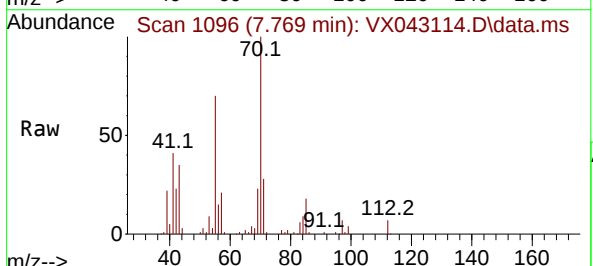
Tgt Ion: 83 Resp: 2402

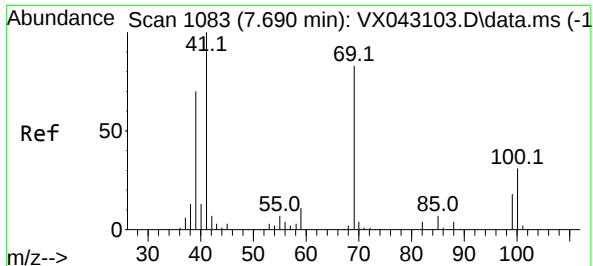
Ion Ratio Lower Upper

83 100

85 317.8 49.1 73.7#

127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 6.415 ug/l

RT: 7.653 min Scan# 1083

Delta R.T. -0.037 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

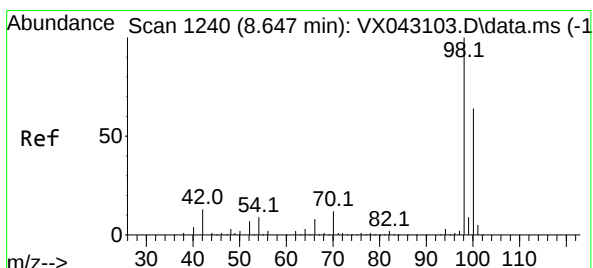
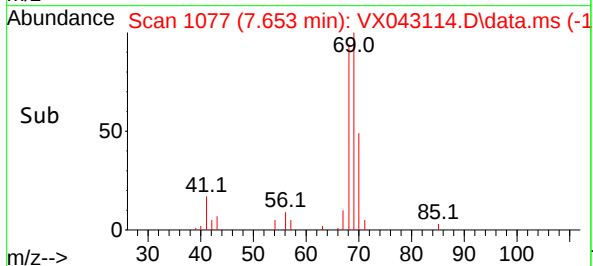
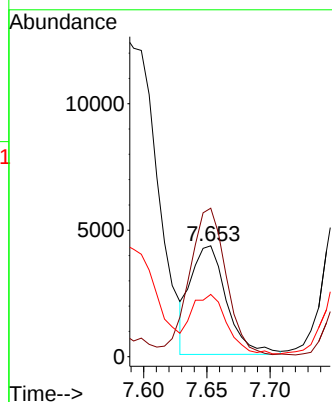
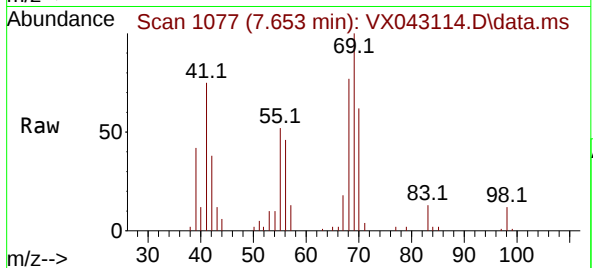
Tgt Ion: 41 Resp: 8501

Ion Ratio Lower Upper

41 100

69 143.6 65.0 97.6#

39 55.7 55.0 82.6



#50

Toluene-d8

Concen: 48.223 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043114.D

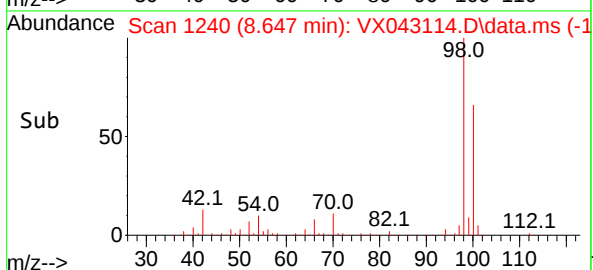
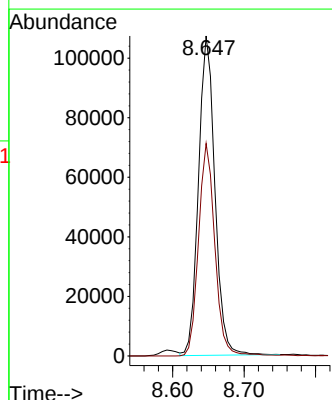
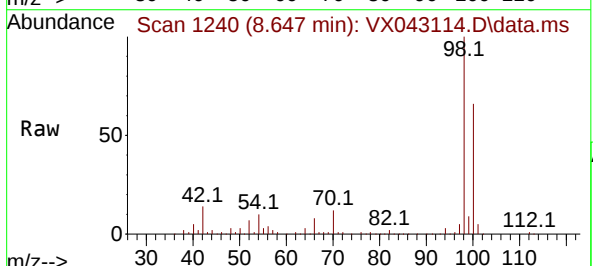
Acq: 24 Sep 2024 11:35

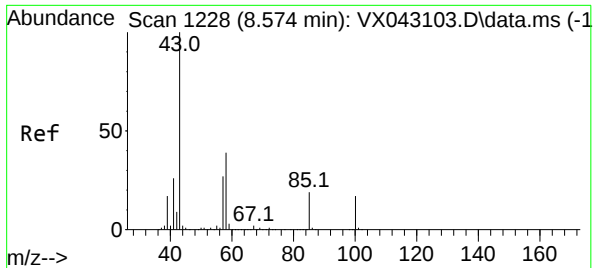
Tgt Ion: 98 Resp: 170754

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.4

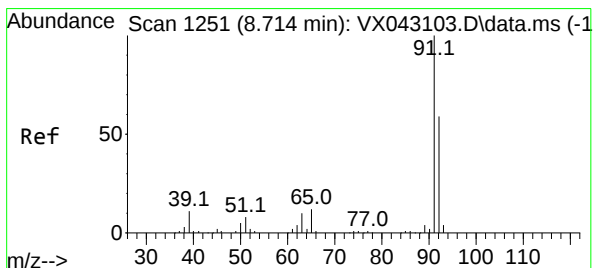
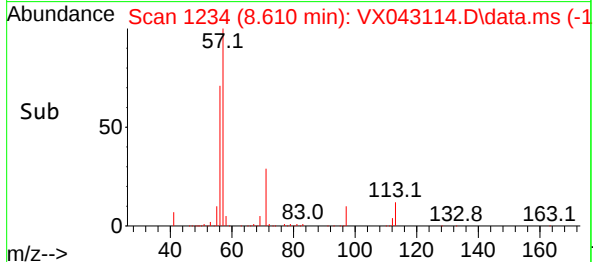
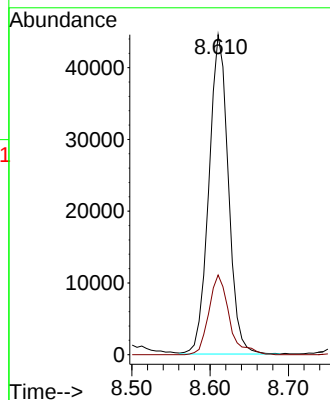
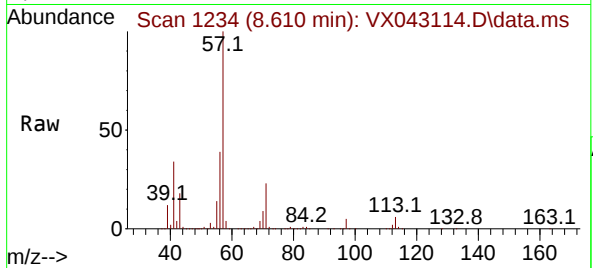




#51
 4-Methyl-2-Pentanone
 Concen: 46.272 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. 0.036 min
 Lab File: VX043114.D
 Acq: 24 Sep 2024 11:35

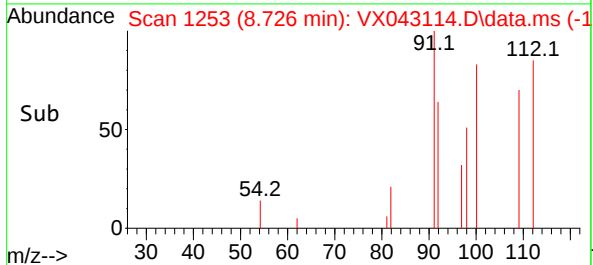
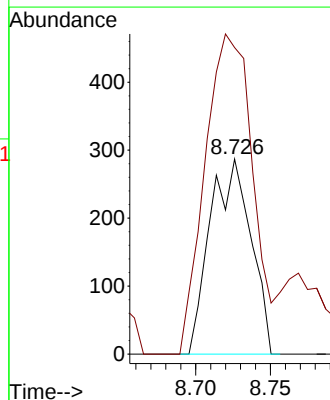
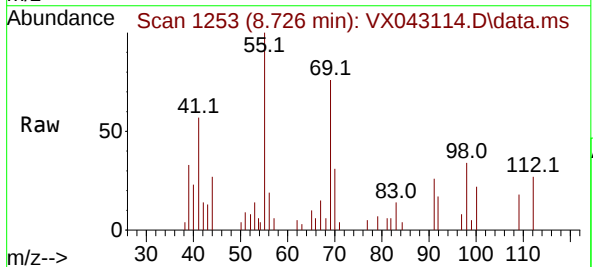
Instrument :
 MSVOA_X
 ClientSampleId :

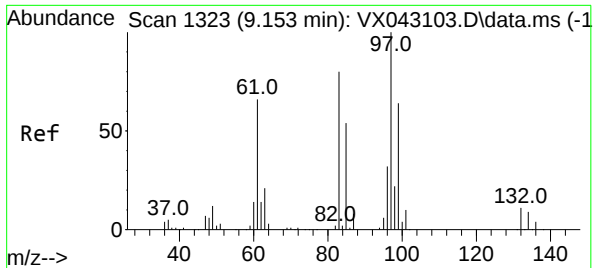
Tgt Ion: 43 Resp: 76698
 Ion Ratio Lower Upper
 43 100
 58 26.0 30.3 45.5#



#52
 Toluene
 Concen: 0.223 ug/l
 RT: 8.726 min Scan# 1253
 Delta R.T. 0.012 min
 Lab File: VX043114.D
 Acq: 24 Sep 2024 11:35

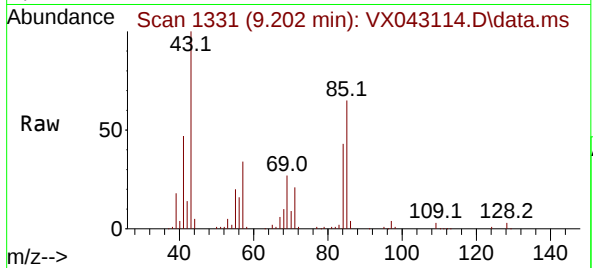
Tgt Ion: 92 Resp: 545
 Ion Ratio Lower Upper
 92 100
 91 190.6 135.9 203.9



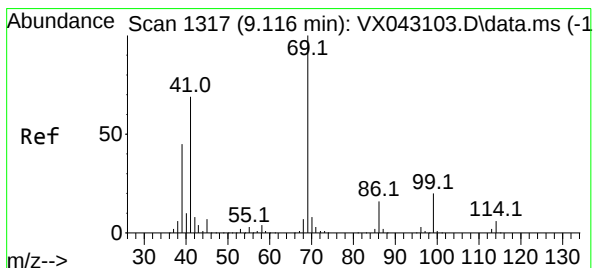
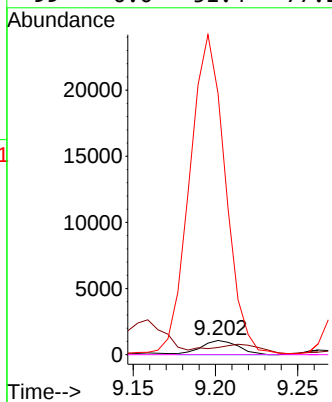
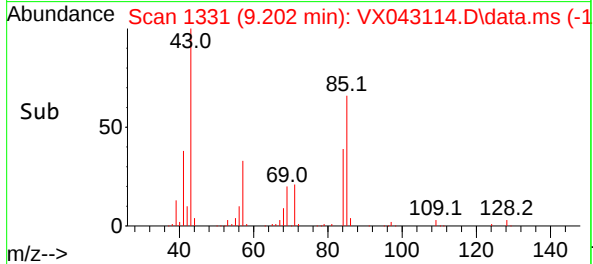


#55
1,1,2-Trichloroethane
Concen: 1.654 ug/l
RT: 9.202 min Scan# 1331
Delta R.T. 0.049 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

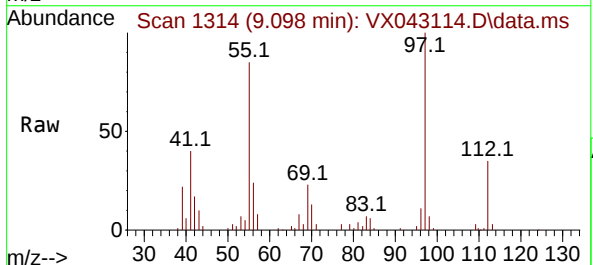
Instrument :
MSVOA_X
ClientSampleId :



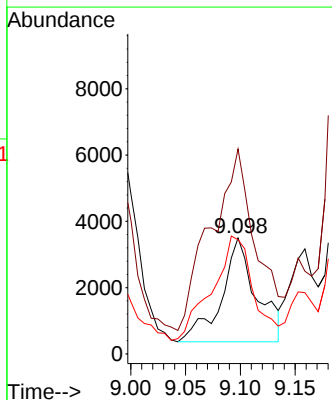
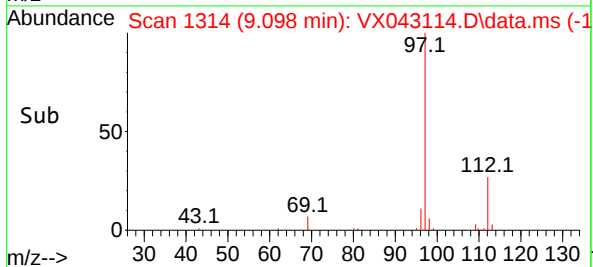
Tgt Ion	Ratio	Lower	Upper
97	100		
83	36.8	64.2	96.4#
85	1814.4	43.0	64.6#
99	0.0	51.4	77.2#

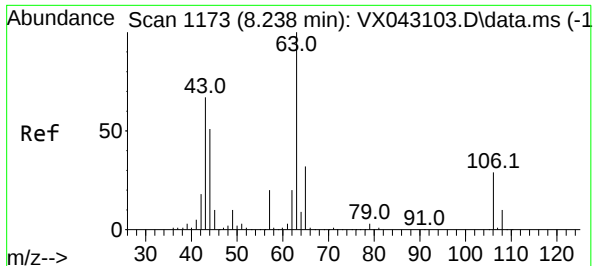


#56
Ethyl methacrylate
Concen: 3.981 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35



Tgt Ion	Ratio	Lower	Upper
69	100		
41	225.2	55.4	83.2#
39	116.9	36.3	54.5#

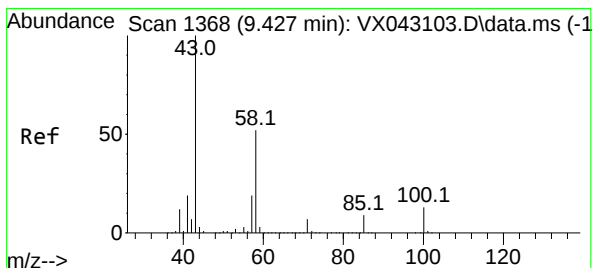
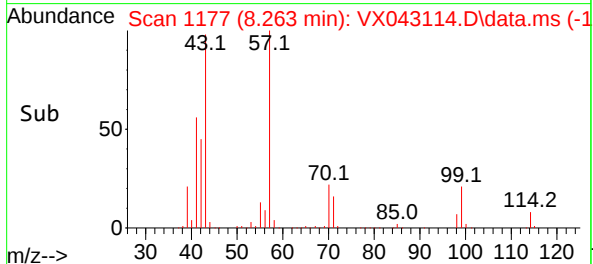
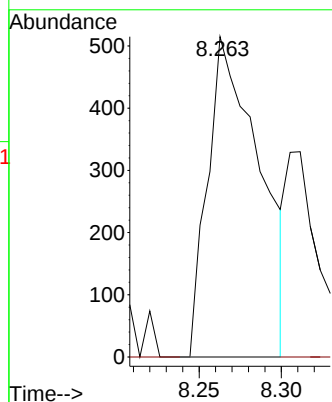
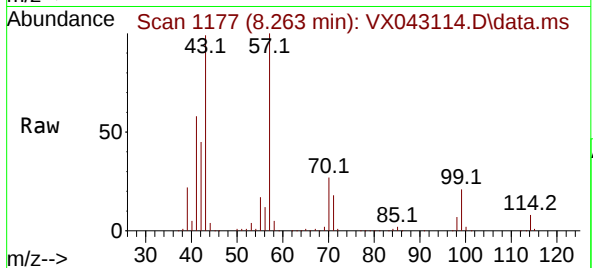




#58
2-Chloroethyl Vinyl ether
Concen: 1.583 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.024 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

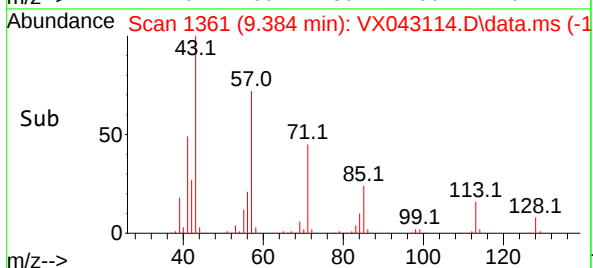
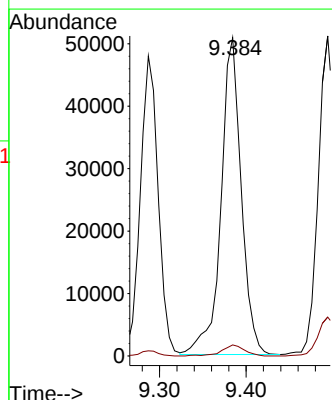
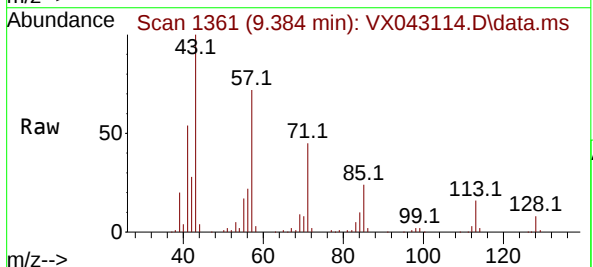
Instrument :
MSVOA_X
ClientSampleId :

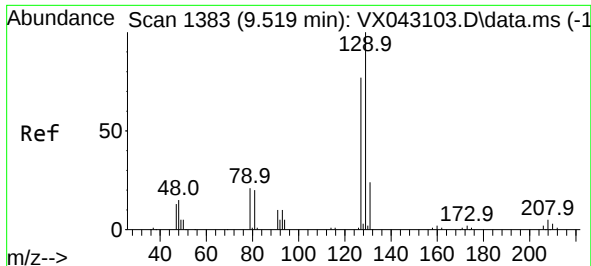
Tgt Ion: 63 Resp: 1121
Ion Ratio Lower Upper
63 100
106 0.0 24.0 36.0#



#59
2-Hexanone
Concen: 63.571 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 43 Resp: 82393
Ion Ratio Lower Upper
43 100
58 3.9 26.1 78.2#

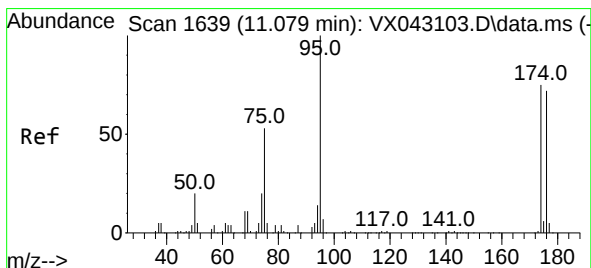
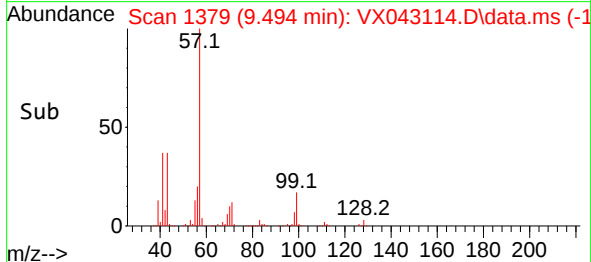
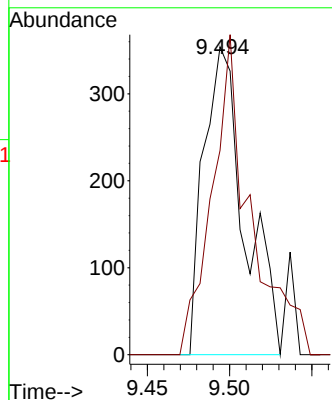
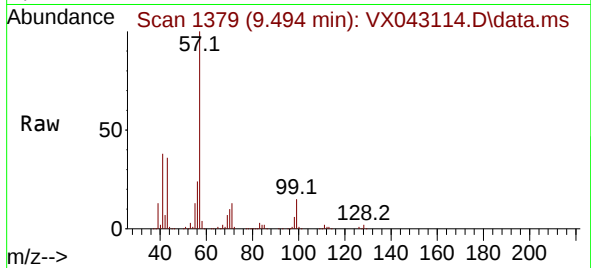




#60
Dibromochloromethane
Concen: 0.463 ug/l
RT: 9.494 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

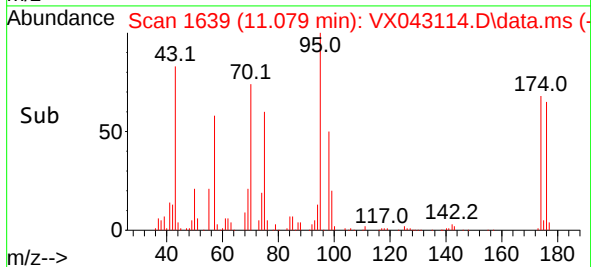
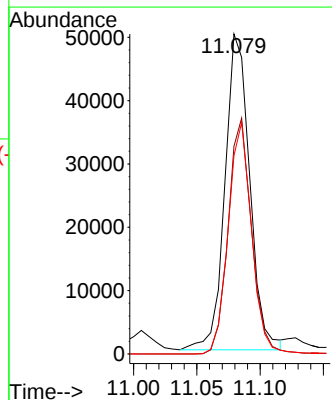
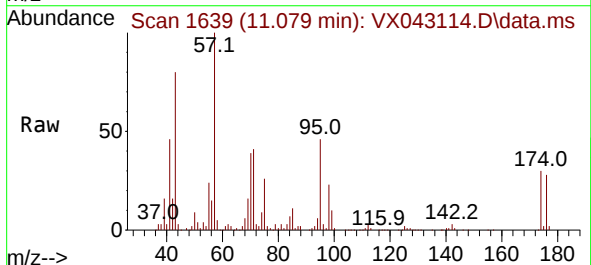
Instrument :
MSVOA_X
ClientSampleId :

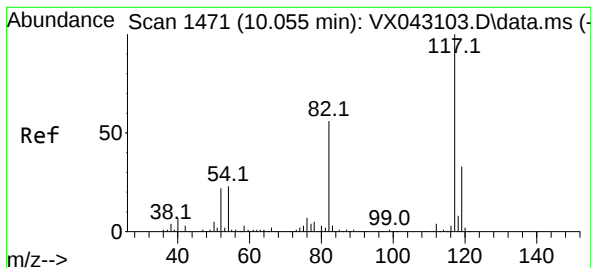
Tgt Ion:129 Resp: 609
Ion Ratio Lower Upper
129 100
127 97.7 38.4 115.1



#62
4-Bromofluorobenzene
Concen: 47.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

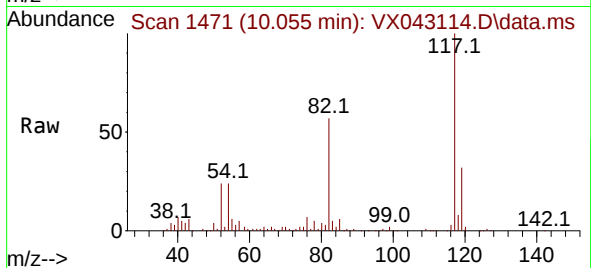
Tgt Ion: 95 Resp: 68031
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.0
176 69.3 0.0 142.6



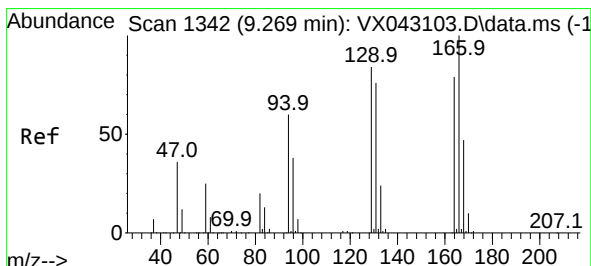
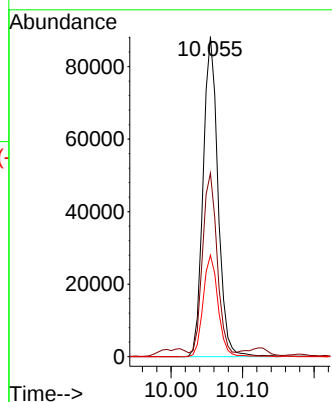
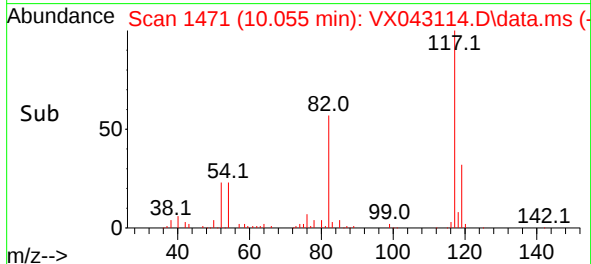


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

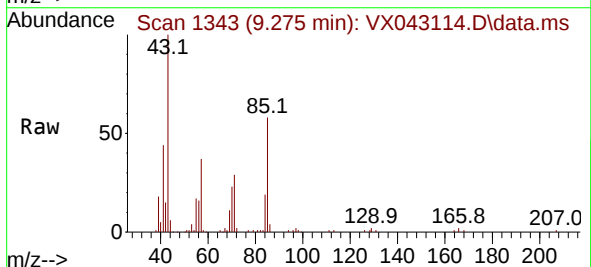
Instrument :
MSVOA_X
ClientSampleId :



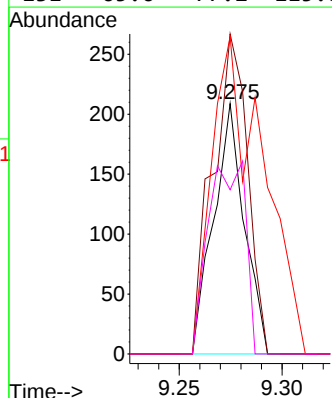
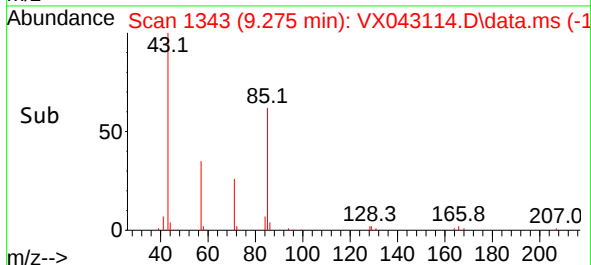
Tgt Ion:117 Resp: 127870
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.7 26.3 39.5

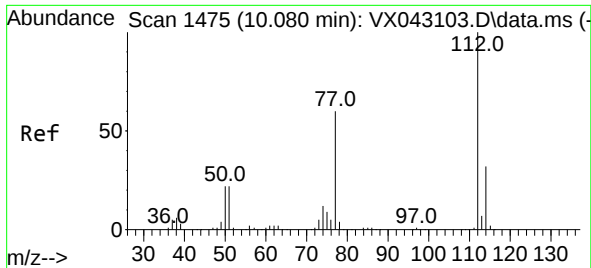


#64
Tetrachloroethene
Concen: 0.233 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35



Tgt Ion:164 Resp: 216
Ion Ratio Lower Upper
164 100
166 127.8 101.2 151.8
129 126.8 84.7 127.1
131 65.6 77.2 115.8#

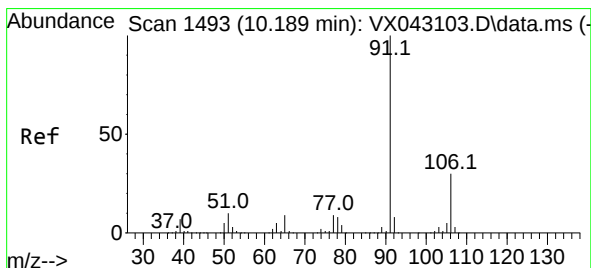
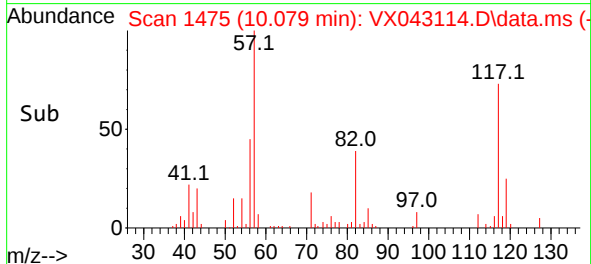
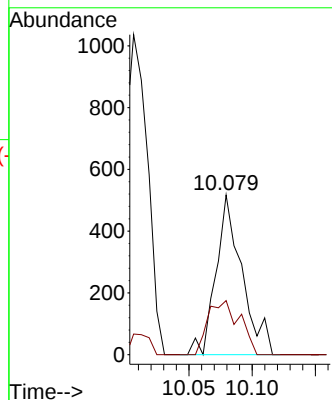
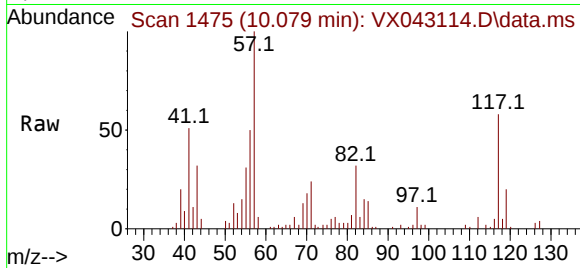




#65
Chlorobenzene
Concen: 0.268 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

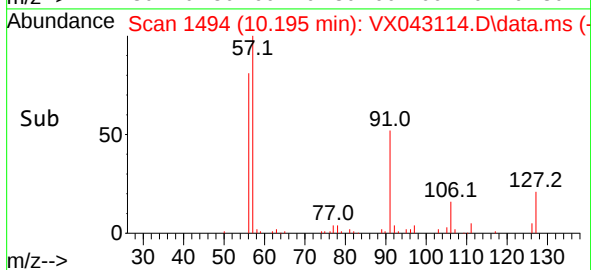
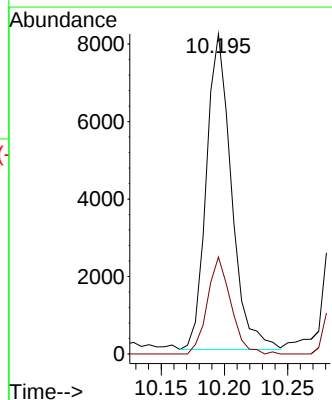
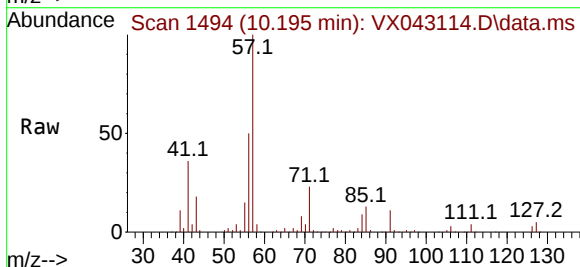
Instrument :
MSVOA_X
ClientSampleId :

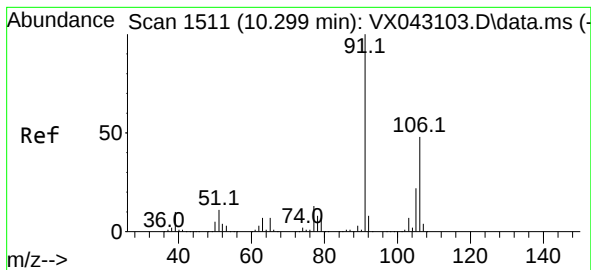
Tgt Ion:112 Resp: 738
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.8



#67
Ethyl Benzene
Concen: 2.353 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 91 Resp: 11226
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

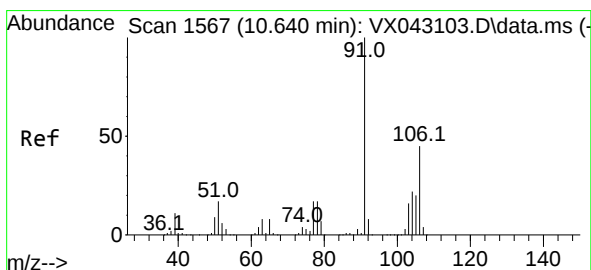
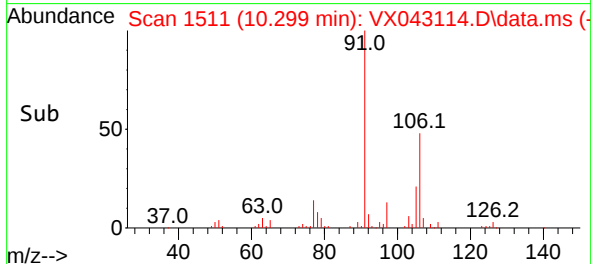
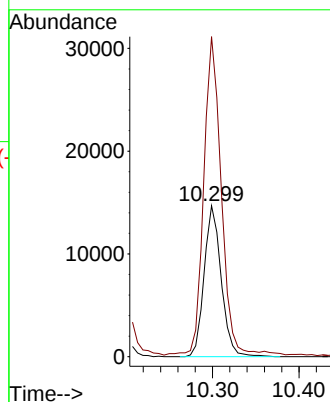
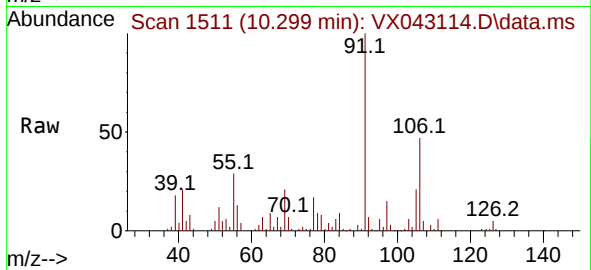




#68
m/p-Xylenes
Concen: 11.336 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

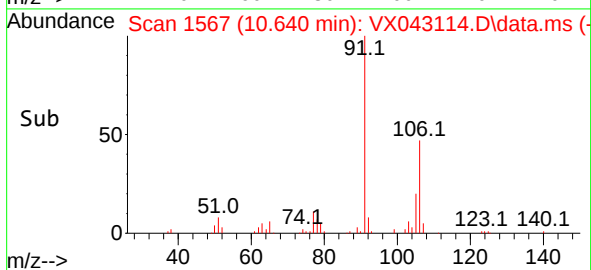
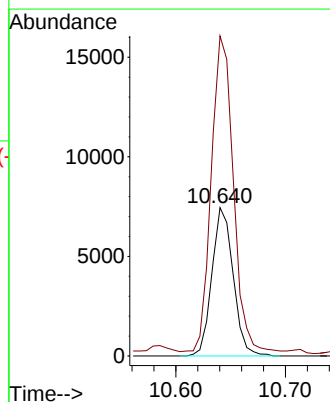
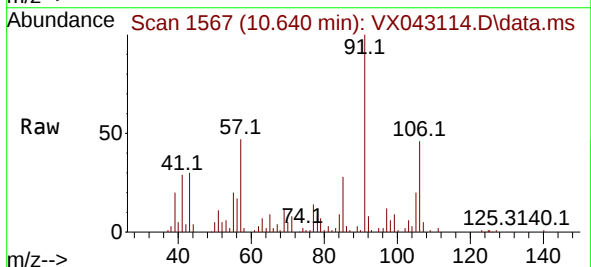
Instrument :
MSVOA_X
ClientSampleId :

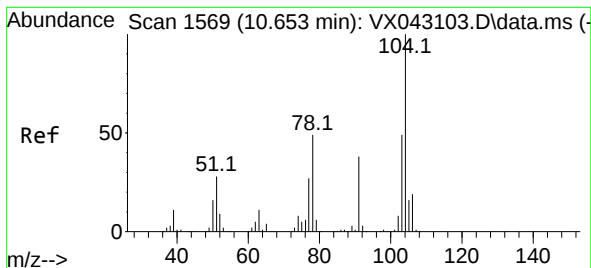
Tgt Ion:106 Resp: 20130
Ion Ratio Lower Upper
106 100
91 216.3 167.5 251.3



#69
o-Xylene
Concen: 5.628 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion:106 Resp: 10023
Ion Ratio Lower Upper
106 100
91 220.4 112.5 337.4





#70

Styrene

Concen: 0.479 ug/l

RT: 10.665 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX043114.D

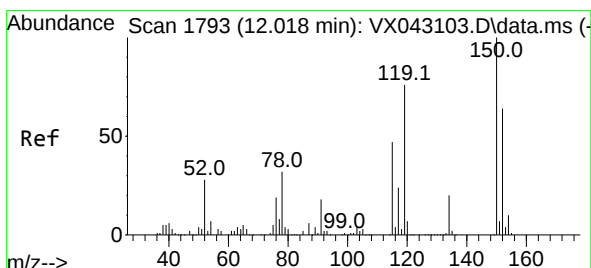
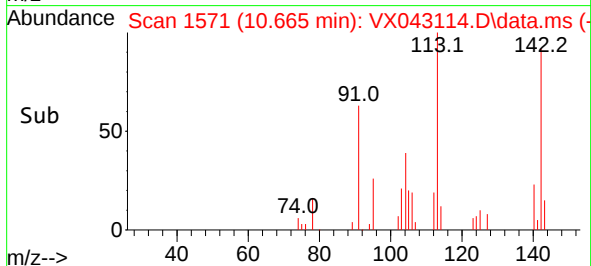
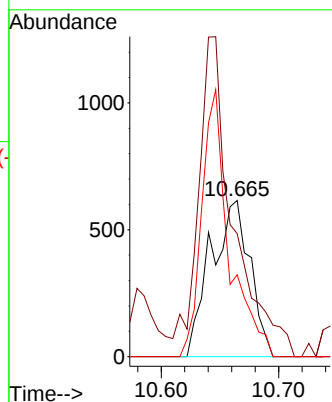
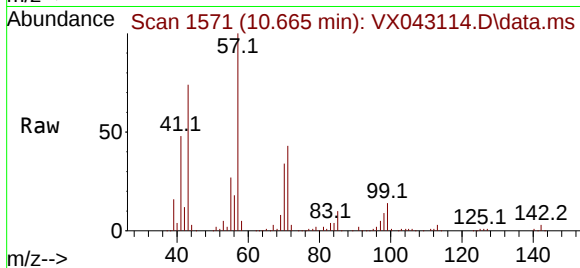
Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:104	Resp:	1424
Ion Ratio	Lower	Upper
104	100	
78	181.0	44.3 66.5#
103	119.0	43.4 65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

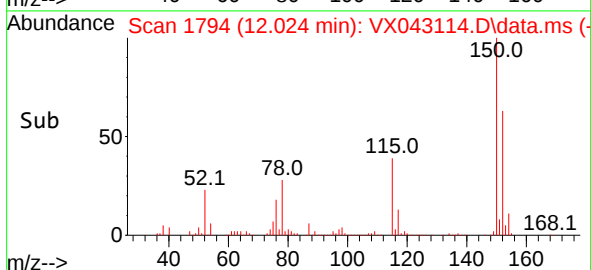
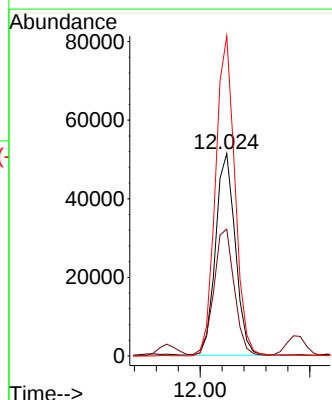
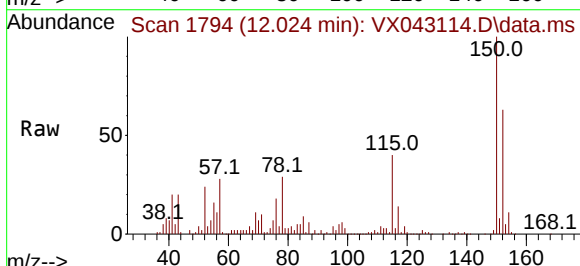
RT: 12.024 min Scan# 1794

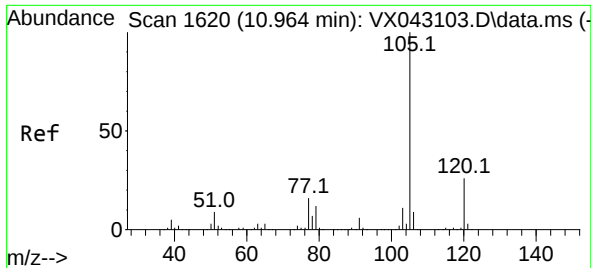
Delta R.T. 0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Tgt Ion:152	Resp:	64209
Ion Ratio	Lower	Upper
152	100	
115	65.4	43.7 131.1
150	156.3	0.0 344.6

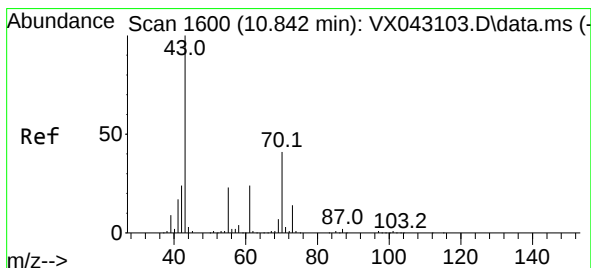
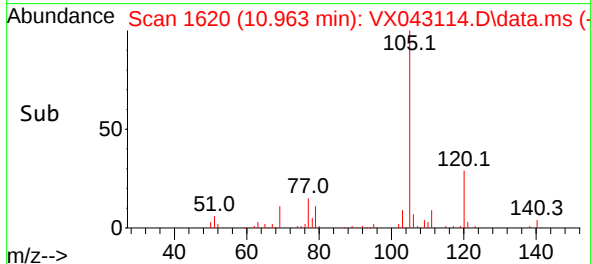
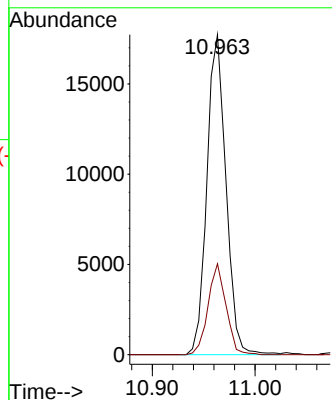
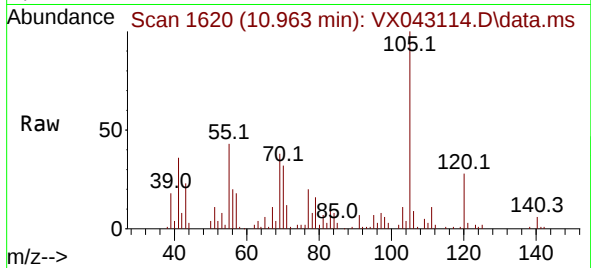




#73
Isopropylbenzene
Concen: 4.747 ug/l
RT: 10.963 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

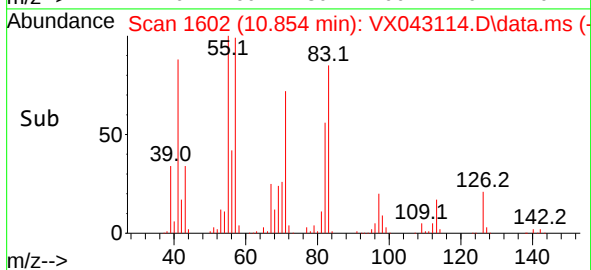
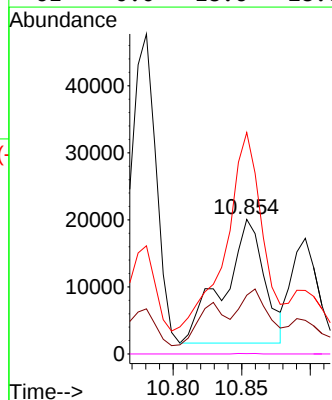
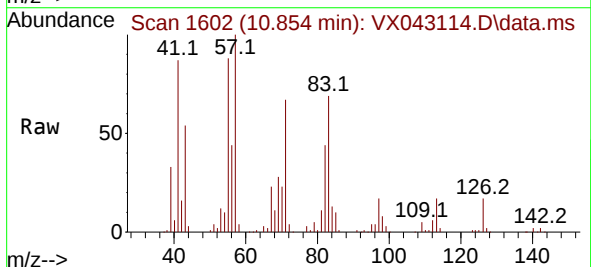
Instrument :
MSVOA_X
ClientSampleId :

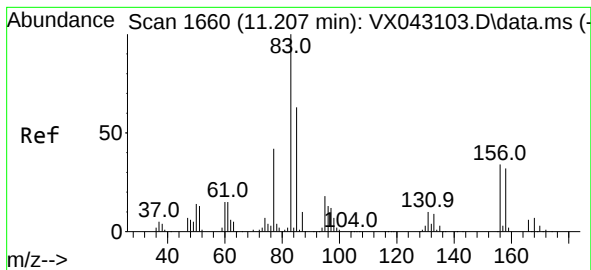
Tgt Ion:105 Resp: 22859
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0



#74
N-ethyl acetate
Concen: 16.960 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 43 Resp: 38373
Ion Ratio Lower Upper
43 100
70 17.2 32.5 48.7#
55 140.1 18.2 27.4#
61 0.0 18.6 28.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.700 ug/l

RT: 11.189 min Scan# 1

Delta R.T. -0.018 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

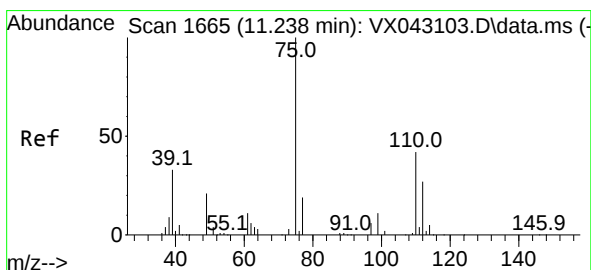
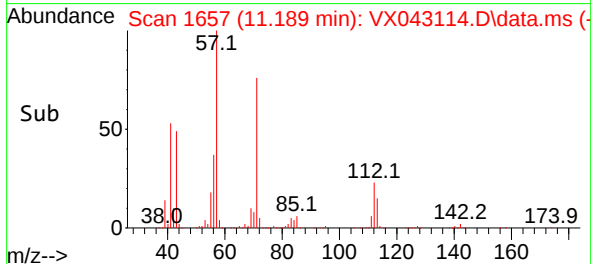
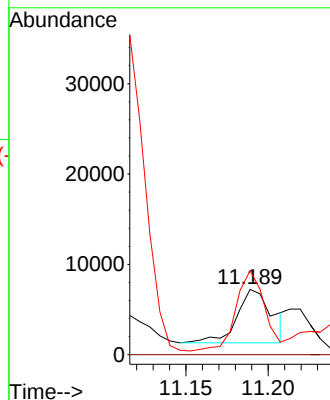
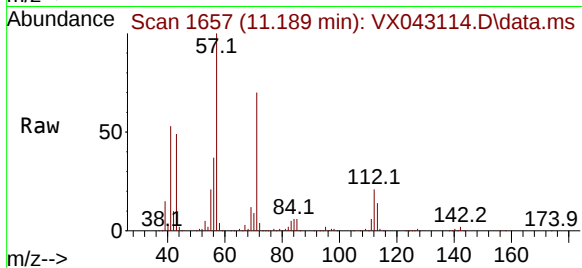
Tgt Ion: 83 Resp: 8832

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 124.9 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 2.345 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX043114.D

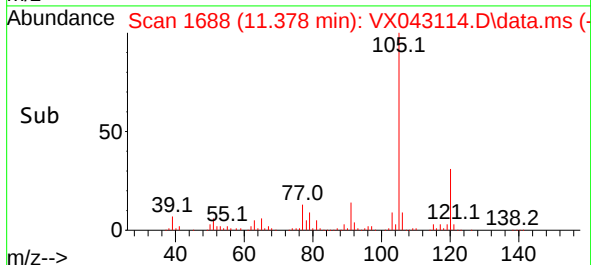
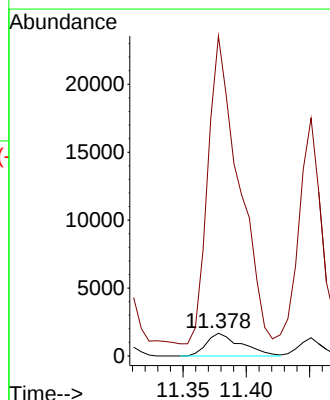
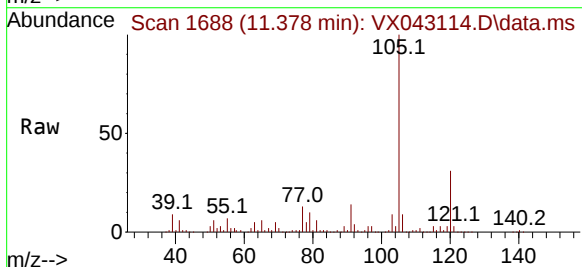
Acq: 24 Sep 2024 11:35

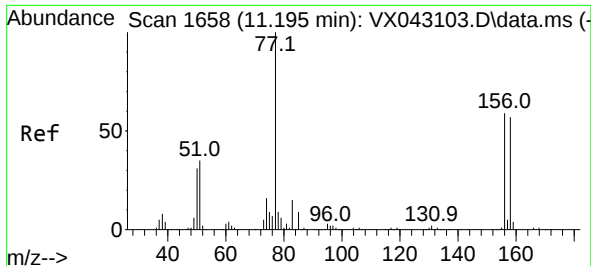
Tgt Ion: 75 Resp: 3201

Ion Ratio Lower Upper

75 100

77 1269.4 21.9 65.7#

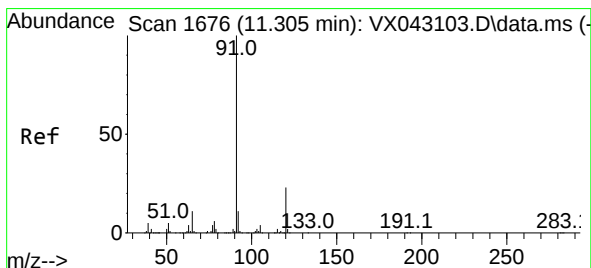
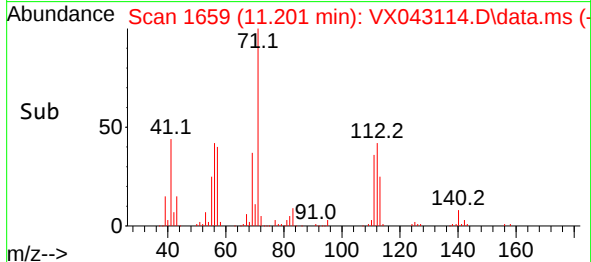
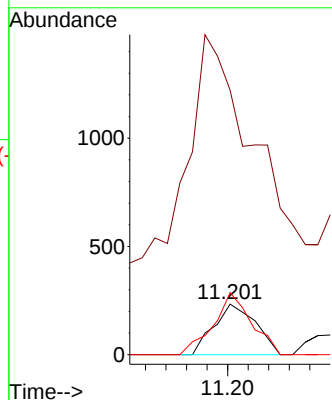
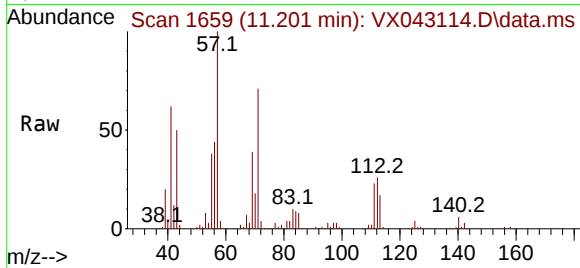




#77
Bromobenzene
Concen: 0.286 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

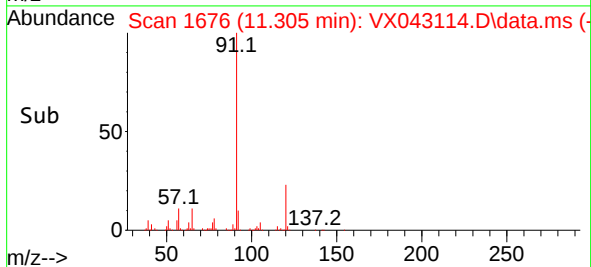
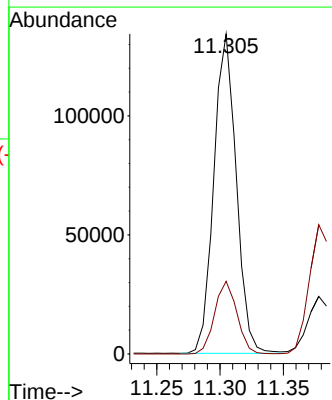
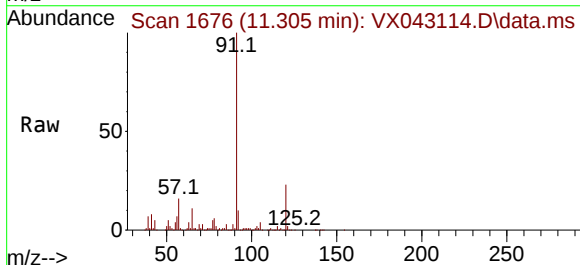
Instrument :
MSVOA_X
ClientSampleId :

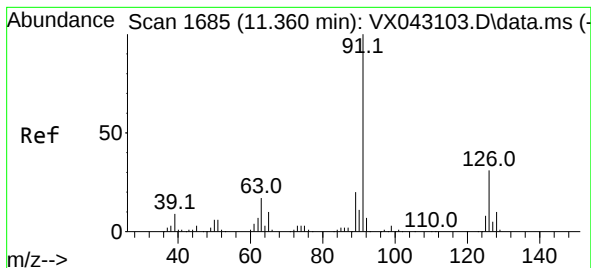
Tgt Ion:156 Resp: 331
Ion Ratio Lower Upper
156 100
77 678.9 82.5 247.3#
158 112.1 48.2 144.6



#78
n-propylbenzene
Concen: 30.258 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 91 Resp: 165309
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 12.421 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

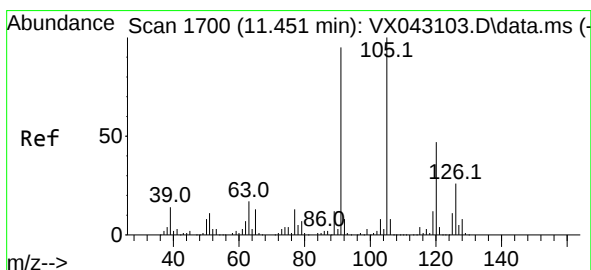
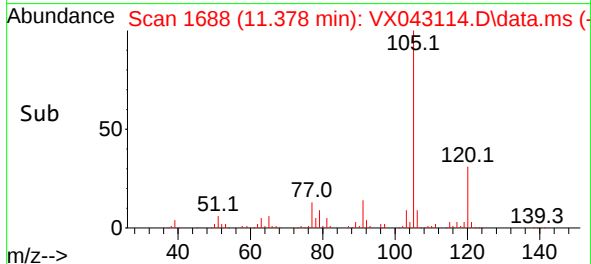
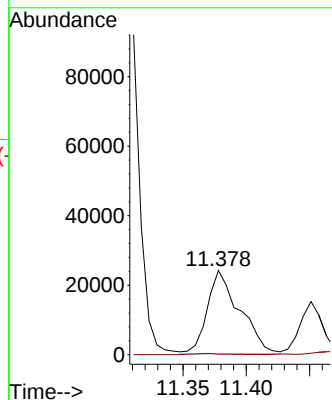
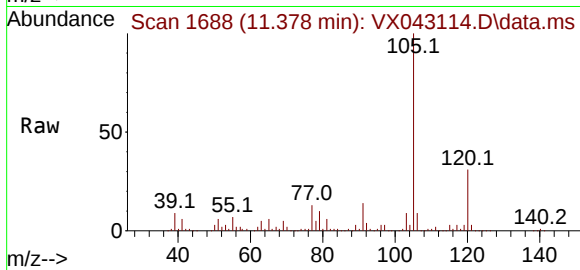
ClientSampleId :

Tgt Ion: 91 Resp: 42563

Ion Ratio Lower Upper

91 100

126 1.5 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 36.643 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043114.D

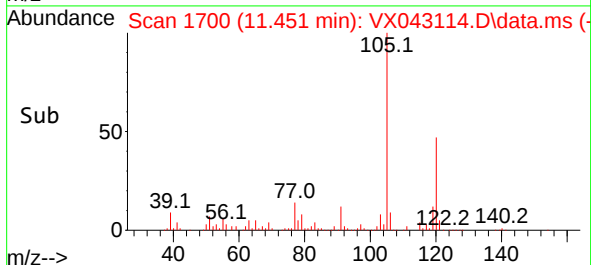
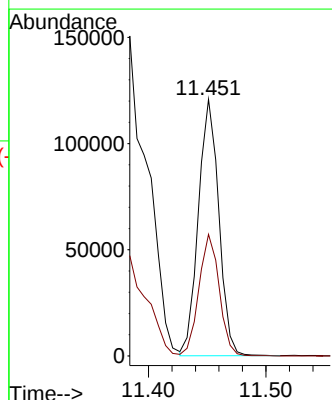
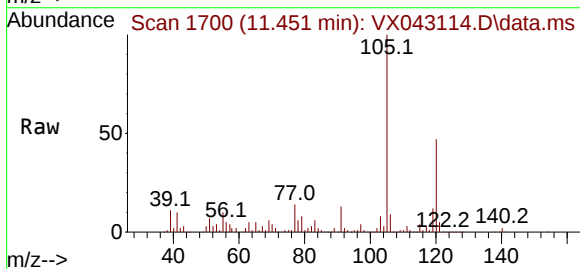
Acq: 24 Sep 2024 11:35

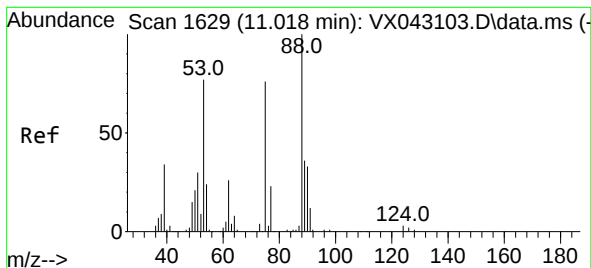
Tgt Ion:105 Resp: 145989

Ion Ratio Lower Upper

105 100

120 47.2 23.5 70.5

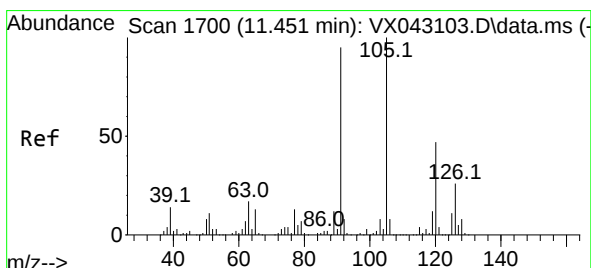
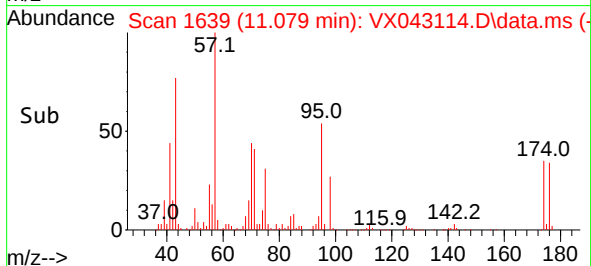
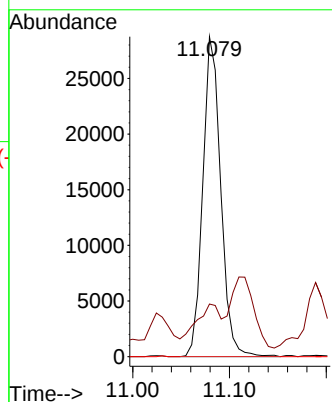
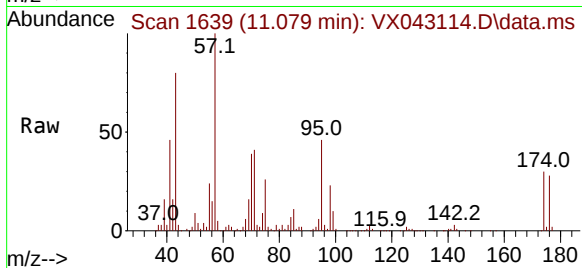




#81
trans-1,4-Dichloro-2-butene
Concen: 64.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

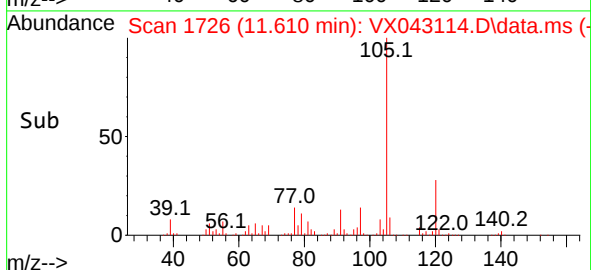
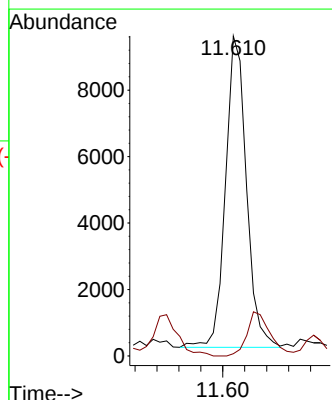
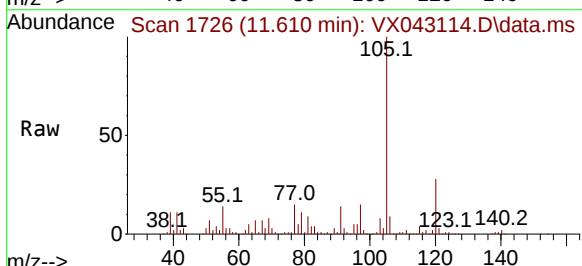
Instrument :
MSVOA_X
ClientSampleId :

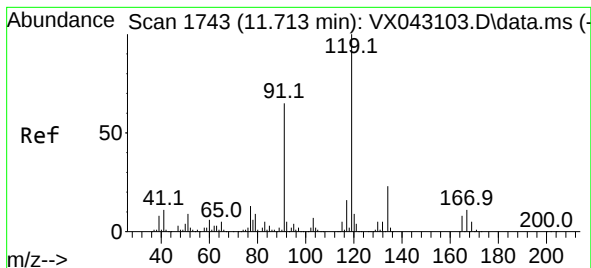
Tgt Ion: 75 Resp: 37141
Ion Ratio Lower Upper
75 100
53 17.1 85.4 128.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 3.178 ug/l
RT: 11.610 min Scan# 1726
Delta R.T. 0.158 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 91 Resp: 12448
Ion Ratio Lower Upper
91 100
126 15.7 14.1 42.4





#83

tert-Butylbenzene

Concen: 14.054 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.036 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

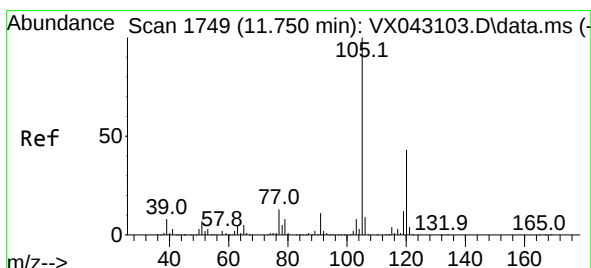
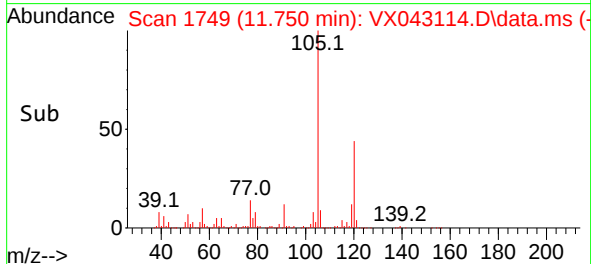
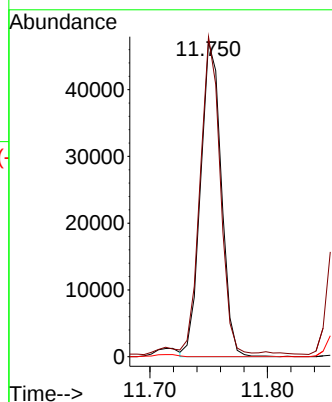
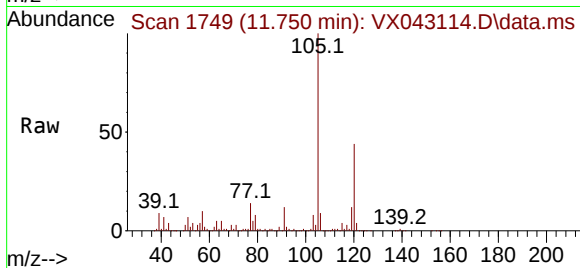
Tgt Ion:119 Resp: 57698

Ion Ratio Lower Upper

119 100

91 100.3 31.8 95.3#

134 0.0 11.6 34.7#



#84

1,2,4-Trimethylbenzene

Concen: 123.966 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043114.D

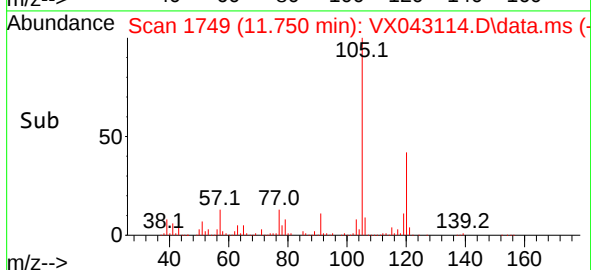
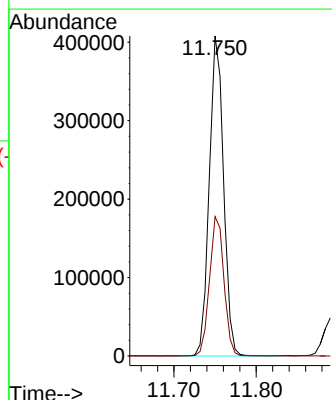
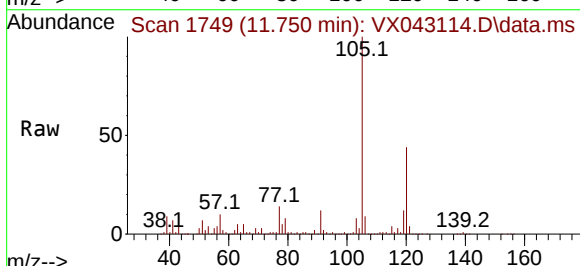
Acq: 24 Sep 2024 11:35

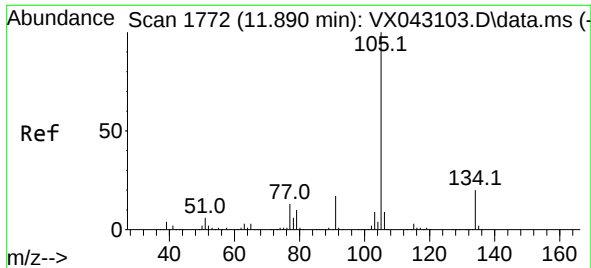
Tgt Ion:105 Resp: 491368

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.4

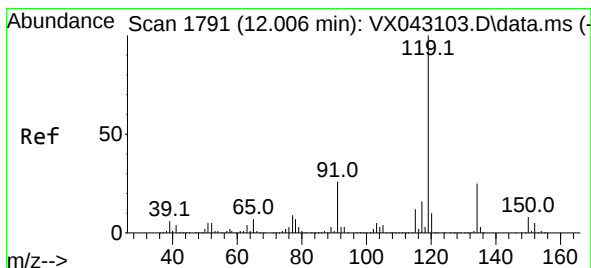
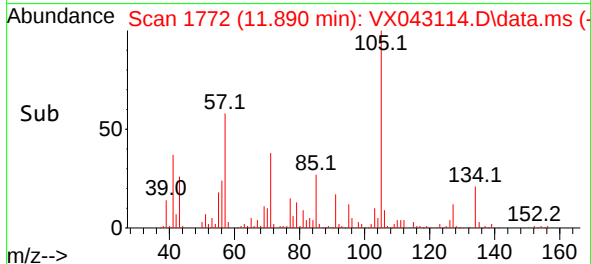
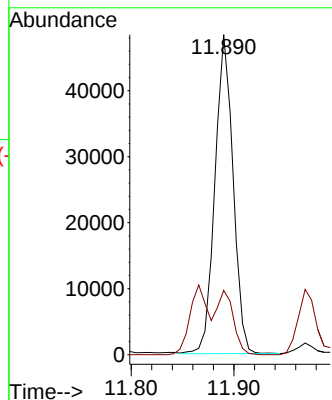
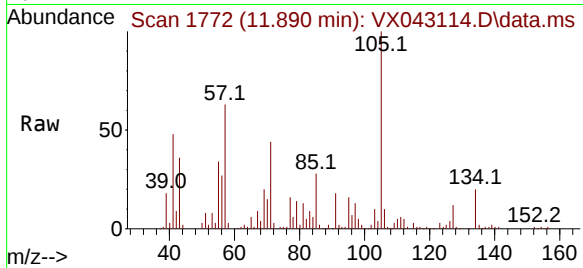




#85
 sec-Butylbenzene
 Concen: 11.683 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043114.D
 Acq: 24 Sep 2024 11:35

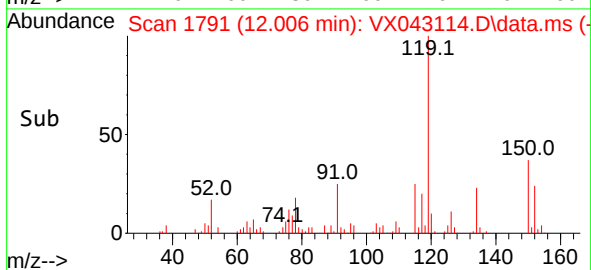
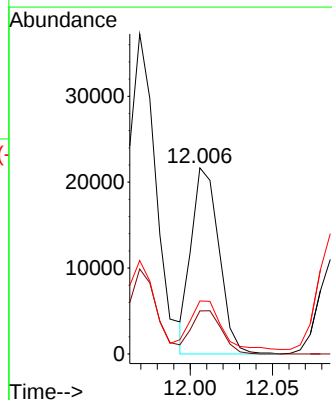
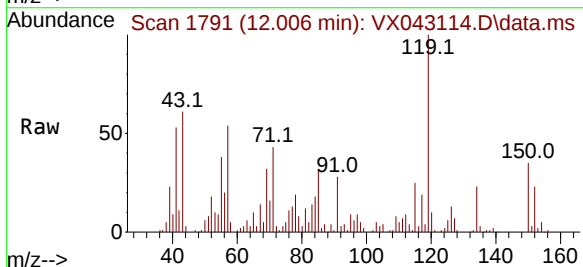
Instrument :
 MSVOA_X
 ClientSampleId :

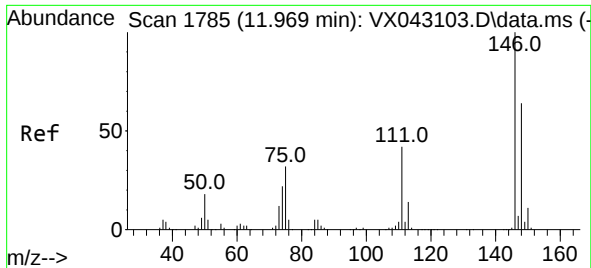
Tgt Ion:105 Resp: 58948
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 6.049 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043114.D
 Acq: 24 Sep 2024 11:35

Tgt Ion:119 Resp: 25339
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 29.6 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 0.635 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

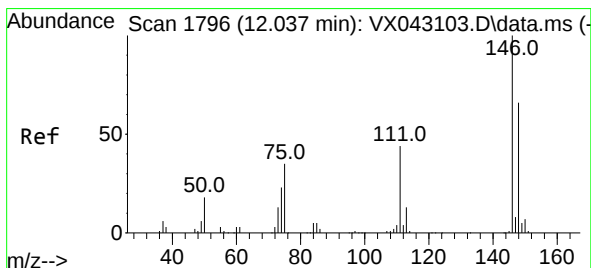
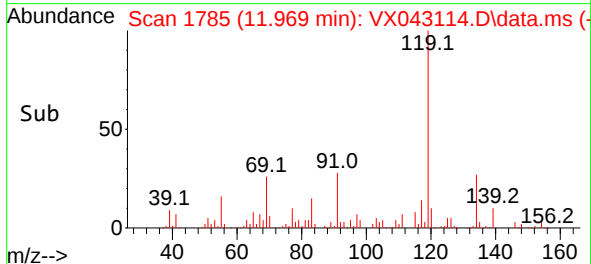
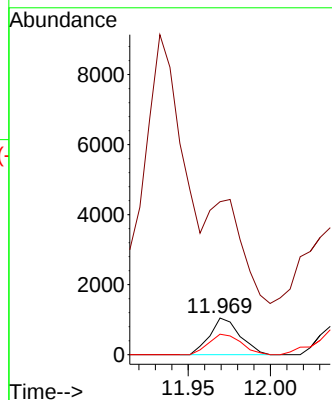
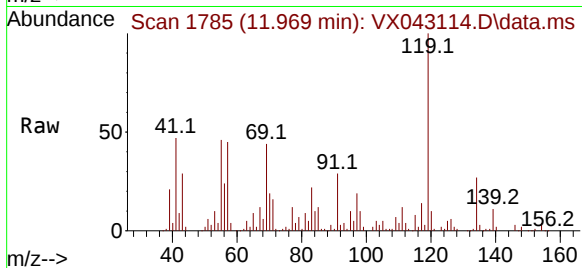
Tgt Ion:146 Resp: 1338

Ion Ratio Lower Upper

146 100

111 0.0 21.6 64.6#

148 59.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.695 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

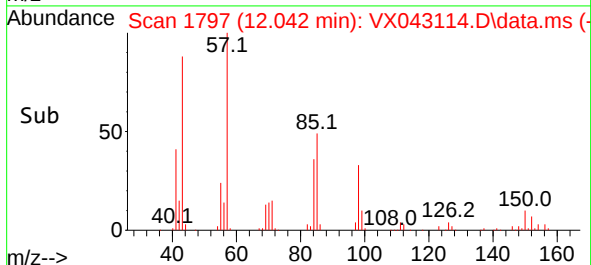
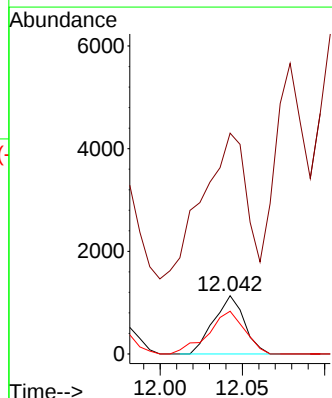
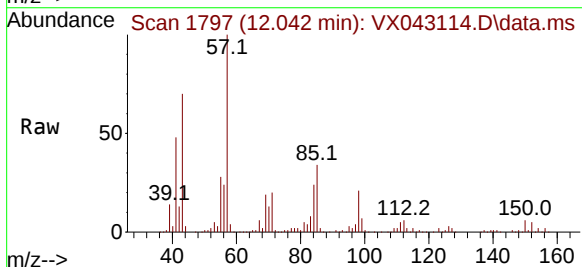
Tgt Ion:146 Resp: 1469

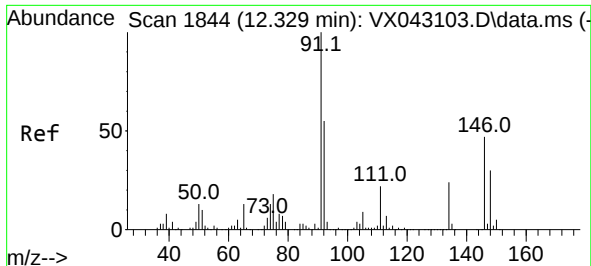
Ion Ratio Lower Upper

146 100

111 356.9 21.2 63.6#

148 86.9 32.6 98.0





#89

n-Butylbenzene

Concen: 66.614 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043114.D

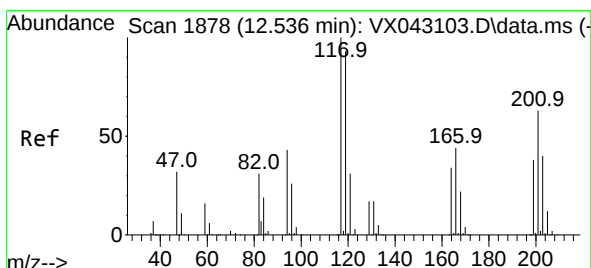
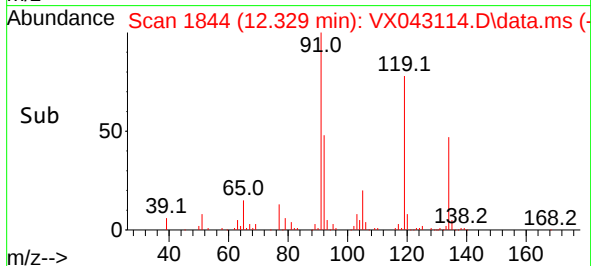
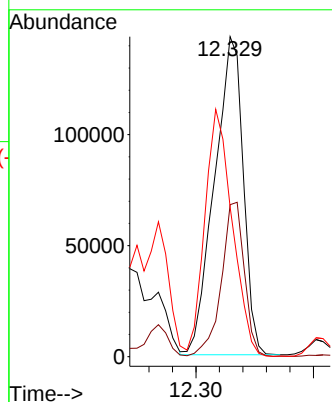
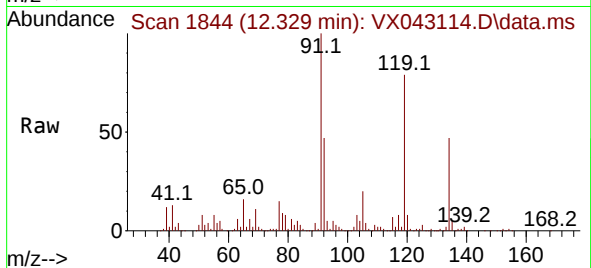
Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	91	Resp:	243194
Ion	Ratio	Lower	Upper
91	100		
92	38.9	26.9	80.7
134	74.0	12.6	37.6#



#90

Hexachloroethane

Concen: 24.595 ug/l

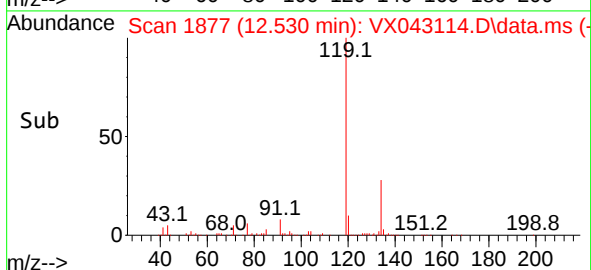
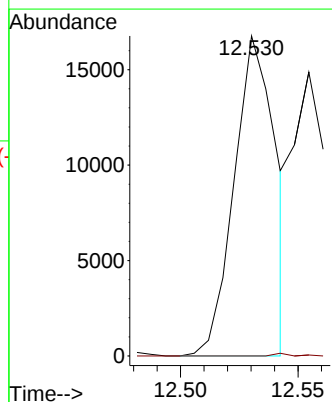
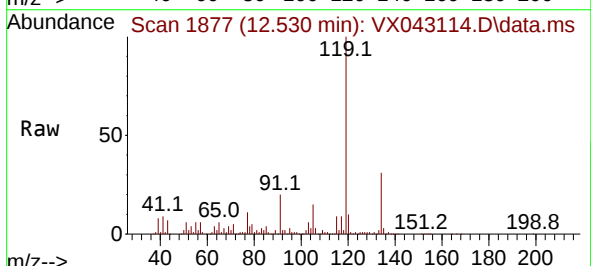
RT: 12.530 min Scan# 1877

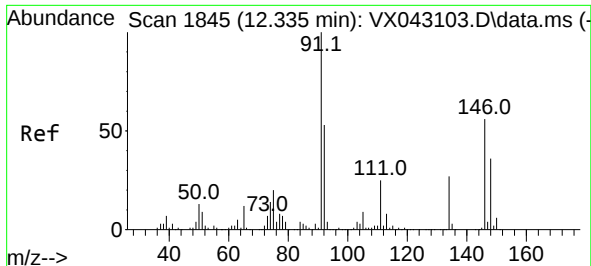
Delta R.T. -0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

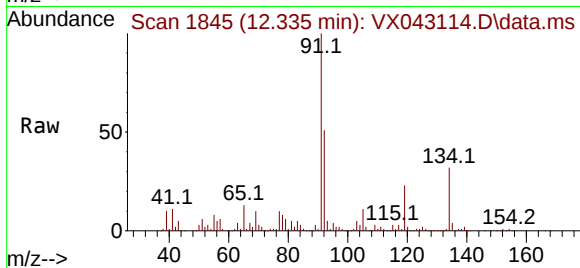
Tgt Ion:	117	Resp:	20533
Ion	Ratio	Lower	Upper
117	100		
201	0.4	32.9	98.6#



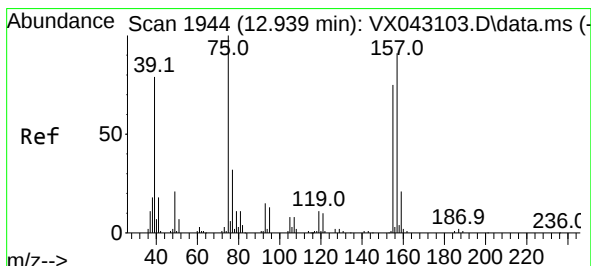
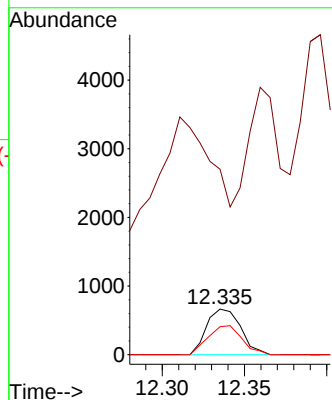
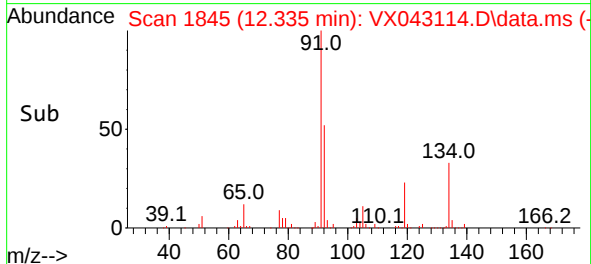


#91
1,2-Dichlorobenzene
Concen: 0.461 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

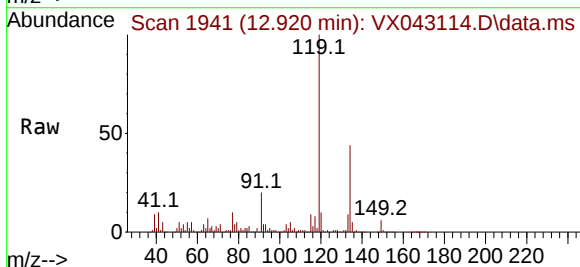
Instrument :
MSVOA_X
ClientSampleId :



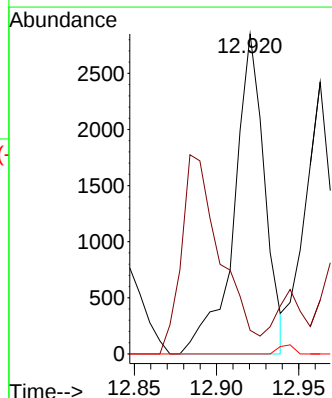
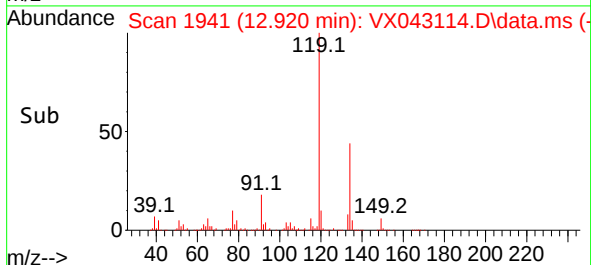
Tgt Ion:146 Resp: 957
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8#
148 63.4 32.0 96.2

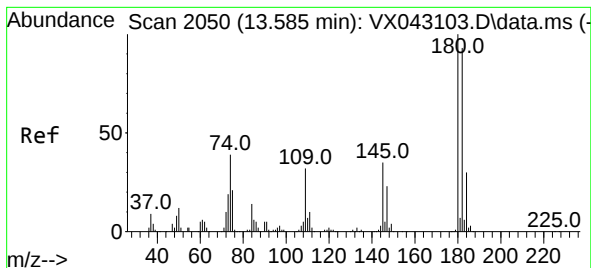


#92
1,2-Dibromo-3-Chloropropane
Concen: 8.803 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35



Tgt Ion: 75 Resp: 3688
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: 1.591 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

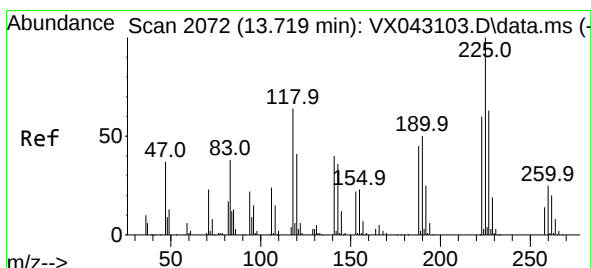
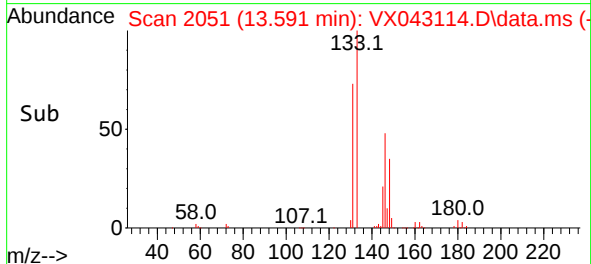
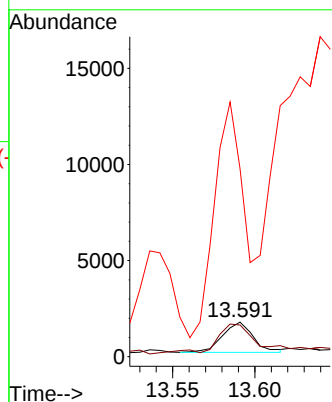
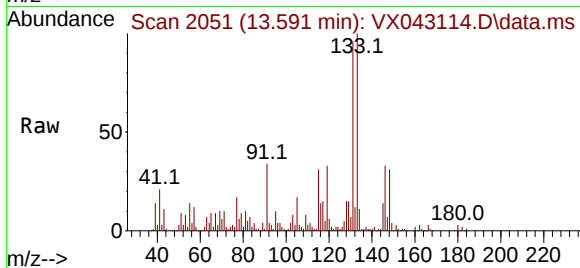
Tgt Ion:180 Resp: 2048

Ion Ratio Lower Upper

180 100

182 142.7 46.7 140.0#

145 801.3 17.0 50.9#



#94

Hexachlorobutadiene

Concen: 1.799 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

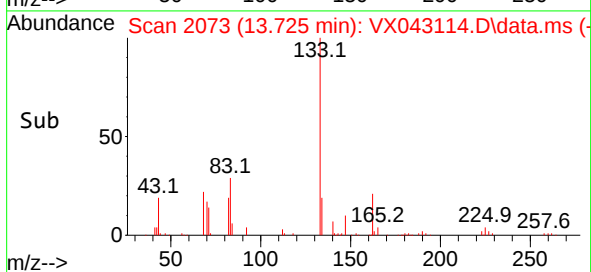
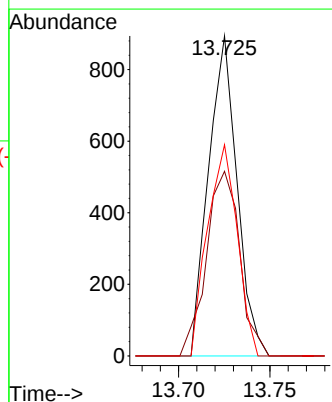
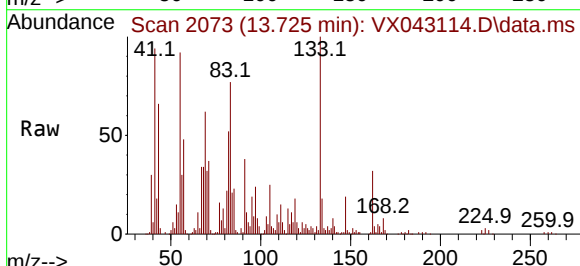
Tgt Ion:225 Resp: 973

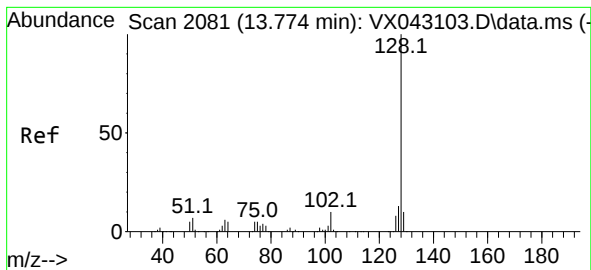
Ion Ratio Lower Upper

225 100

223 67.3 31.8 95.4

227 68.7 31.9 95.7





#95

Naphthalene

Concen: 89.266 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

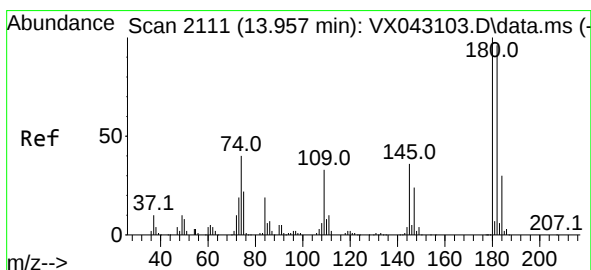
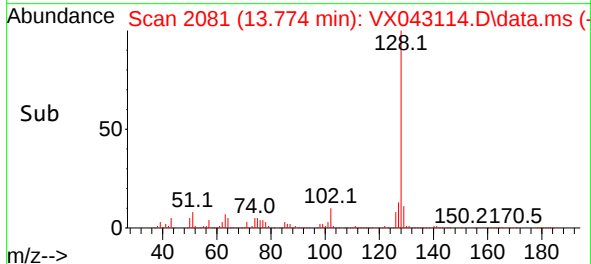
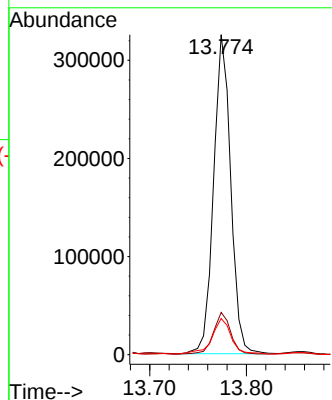
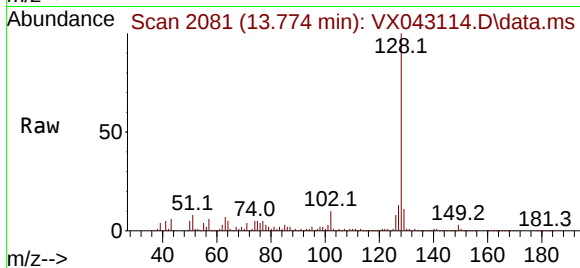
Tgt Ion:128 Resp: 399311

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 12.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.575 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Tgt Ion:180 Resp: 3293

Ion Ratio Lower Upper

180 100

182 59.4 47.8 143.4

145 701.3 17.7 53.1#

