

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044972.D
 Acq On : 14 Feb 2025 19:20
 Operator : JC/MD
 Sample : Q1363-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:19:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78282	54.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.780%	
35) Dibromofluoromethane	5.379	113	60760	51.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	8.647	98	226090	50.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	11.079	95	84062	55.668	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.340%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	75370	55.159	ug/l 98
3) Chloromethane	1.307	50	80520	48.417	ug/l 96
4) Vinyl Chloride	1.374	62	75466	46.840	ug/l 99
5) Bromomethane	1.599	94	32163	66.712	ug/l 98
6) Chloroethane	1.678	64	44294	81.681	ug/l 99
7) Trichlorofluoromethane	1.880	101	104087	51.086	ug/l 97
8) Diethyl Ether	2.130	74	37925	51.325	ug/l 97
9) 1,1,2-Trichlorotrifluo...	2.325	101	64606	52.482	ug/l 99
10) Methyl Iodide	2.447	142	81043	50.797	ug/l 97
11) Tert butyl alcohol	2.959	59	73804	278.961	ug/l 100
12) 1,1-Dichloroethene	2.312	96	59978	47.764	ug/l 93
13) Acrolein	2.233	56	76077	278.704	ug/l 99
14) Allyl chloride	2.660	41	112339	49.501	ug/l 97
15) Acrylonitrile	3.062	53	193989	274.621	ug/l 99
16) Acetone	2.373	43	168441	293.805	ug/l 95
17) Carbon Disulfide	2.508	76	151908	44.116	ug/l 99
18) Methyl Acetate	2.703	43	96089	53.113	ug/l 99
19) Methyl tert-butyl Ether	3.111	73	201111	50.337	ug/l 99
20) Methylene Chloride	2.782	84	68674	48.904	ug/l 96
21) trans-1,2-Dichloroethene	3.087	96	61325	49.620	ug/l 95
22) Diisopropyl ether	3.757	45	224076	52.190	ug/l 96
23) Vinyl Acetate	3.715	43	872986	249.407	ug/l 99
24) 1,1-Dichloroethane	3.605	63	120881	50.318	ug/l 99
25) 2-Butanone	4.550	43	266989	286.792	ug/l 96
26) 2,2-Dichloropropane	4.471	77	81427	42.741	ug/l 99
27) cis-1,2-Dichloroethene	4.483	96	75247	50.688	ug/l 99
28) Bromochloromethane	4.891	49	62951	54.526	ug/l 99
29) Tetrahydrofuran	4.995	42	174505	282.292	ug/l 98
30) Chloroform	5.086	83	119451	51.272	ug/l 98
31) Cyclohexane	5.464	56	104588	47.224	ug/l 97
32) 1,1,1-Trichloroethane	5.379	97	100127	50.668	ug/l 99
36) 1,1-Dichloropropene	5.684	75	81429	47.648	ug/l 100
37) Ethyl Acetate	4.708	43	94446	49.686	ug/l 100
38) Carbon Tetrachloride	5.672	117	82844	49.468	ug/l 99
39) Methylcyclohexane	7.379	83	104430	47.265	ug/l 97
40) Benzene	6.031	78	257225	48.202	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54927	53.984	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89488	52.616	ug/l	98
43) Isopropyl Acetate	6.336	43	154203	50.235	ug/l	99
44) Trichloroethene	7.123	130	68001	55.749	ug/l	99
45) 1,2-Dichloropropane	7.427	63	64941	48.915	ug/l	98
46) Dibromomethane	7.574	93	46729	50.753	ug/l	99
47) Bromodichloromethane	7.818	83	92213	51.725	ug/l	98
48) Methyl methacrylate	7.690	41	78211	54.037	ug/l	97
49) 1,4-Dioxane	7.659	88	36730	1182.817	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	530321	284.179	ug/l	97
52) Toluene	8.714	92	156652	49.291	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85404	47.340	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	97495	48.470	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	62978	51.549	ug/l	99
56) Ethyl methacrylate	9.116	69	101104	51.239	ug/l	97
57) 1,3-Dichloropropane	9.305	76	107154	50.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.177	63	463	0.478	ug/l #	48
59) 2-Hexanone	9.427	43	391620	291.258	ug/l	97
60) Dibromochloromethane	9.518	129	67902	51.969	ug/l	99
61) 1,2-Dibromoethane	9.604	107	62076	50.131	ug/l	99
64) Tetrachloroethene	9.269	164	50473	47.823	ug/l	99
65) Chlorobenzene	10.073	112	168410	46.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54007	46.680	ug/l	99
67) Ethyl Benzene	10.189	91	299209	47.170	ug/l	98
68) m/p-Xylenes	10.299	106	220184	94.099	ug/l	99
69) o-Xylene	10.640	106	110095	46.891	ug/l	98
70) Styrene	10.652	104	187077	49.456	ug/l	99
71) Bromoform	10.799	173	43104	49.921	ug/l #	98
73) Isopropylbenzene	10.957	105	285604	44.145	ug/l	99
74) N-amyl acetate	10.841	43	134612	45.980	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	100110	45.030	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105270	59.091	ug/l	82
77) Bromobenzene	11.195	156	66247	45.165	ug/l	96
78) n-propylbenzene	11.299	91	335698	44.954	ug/l	99
79) 2-Chlorotoluene	11.360	91	201102	43.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233774	44.527	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27634	39.902	ug/l	92
82) 4-Chlorotoluene	11.451	91	225029	44.319	ug/l	99
83) tert-Butylbenzene	11.713	119	237506	44.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	238569	46.039	ug/l	99
85) sec-Butylbenzene	11.890	105	298634	45.407	ug/l	100
86) p-Isopropyltoluene	12.006	119	244755	46.276	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122530	45.426	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	122654	44.974	ug/l	100
89) n-Butylbenzene	12.329	91	227577	48.636	ug/l	99
90) Hexachloroethane	12.536	117	42742	43.159	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	120780	45.561	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19324	47.625	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	75259	46.916	ug/l	98
94) Hexachlorobutadiene	13.725	225	29179	45.821	ug/l	99
95) Naphthalene	13.774	128	269046	46.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72716	44.987	ug/l	99

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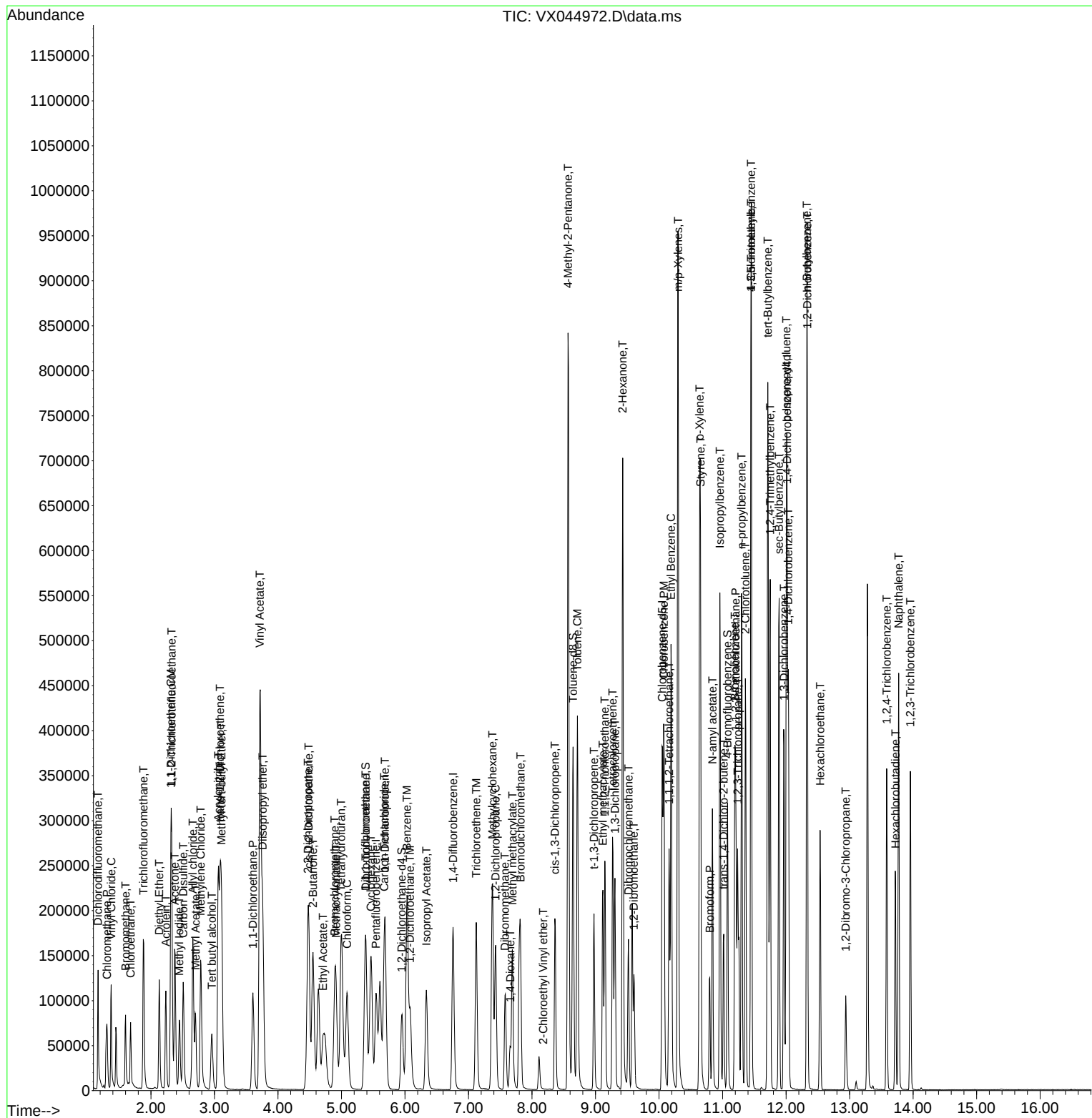
Instrument :
MSVOA_X
ClientSampleId :

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QLast Update : Tue Feb 11 03:41:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

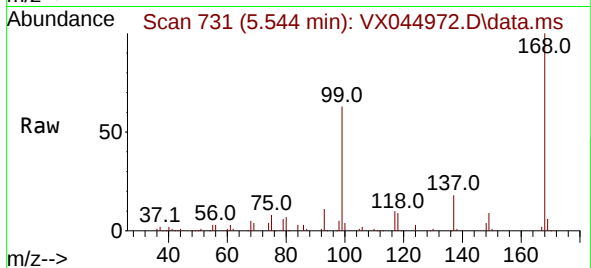
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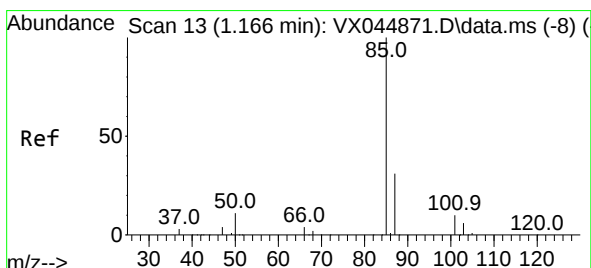
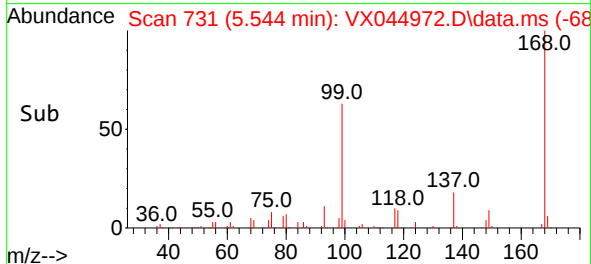
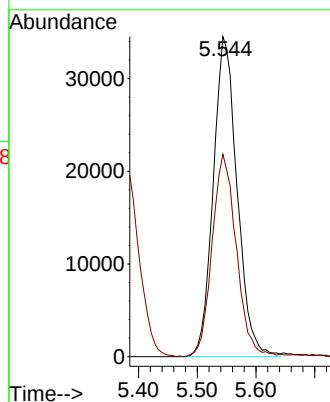


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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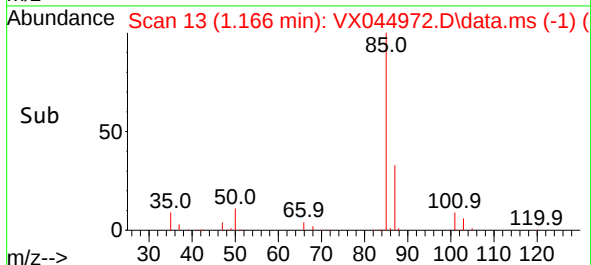
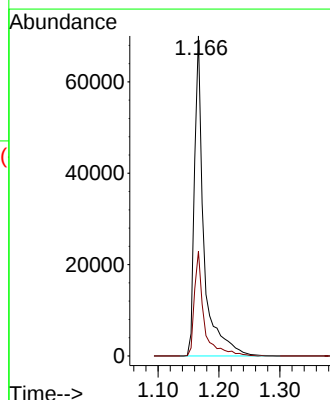
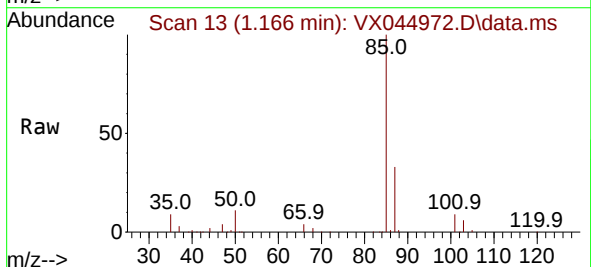


Tgt Ion:168 Resp: 97424
Ion Ratio Lower Upper
168 100
99 63.0 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 55.159 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 85 Resp: 75370
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3

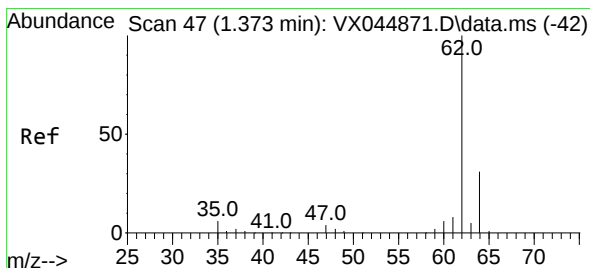
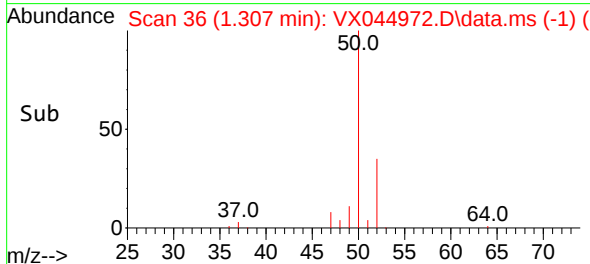
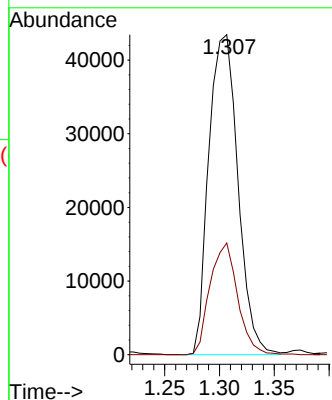
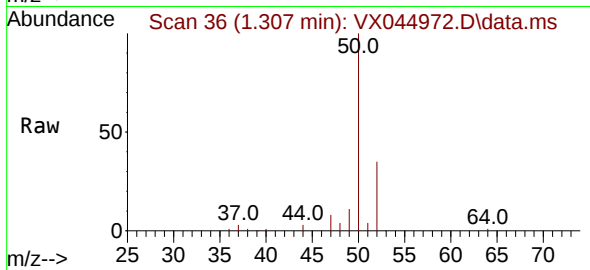




#3
Chloromethane
Concen: 48.417 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

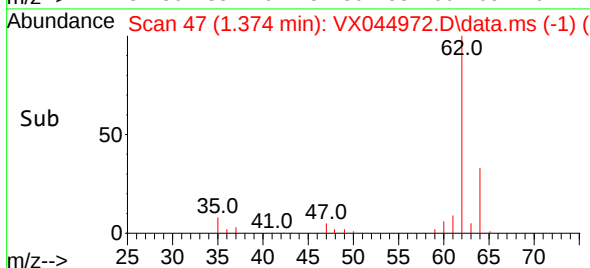
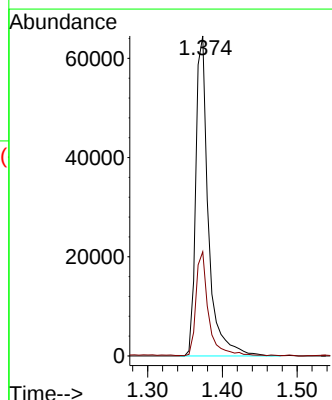
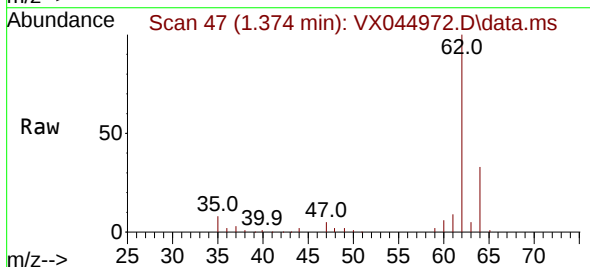
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 80520
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9



#4
Vinyl Chloride
Concen: 46.840 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 62 Resp: 75466
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

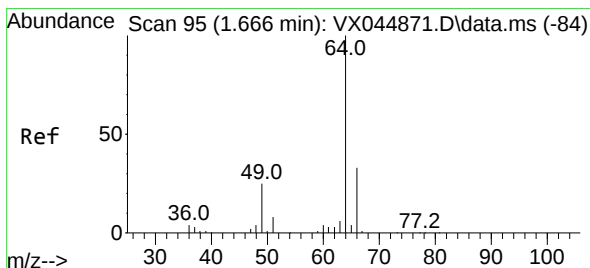
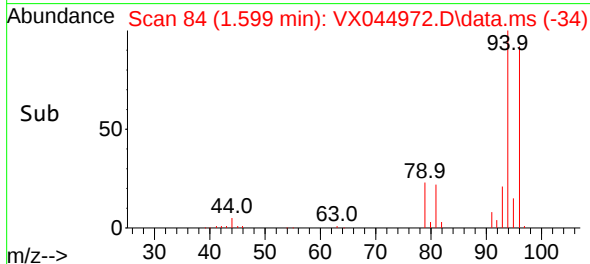
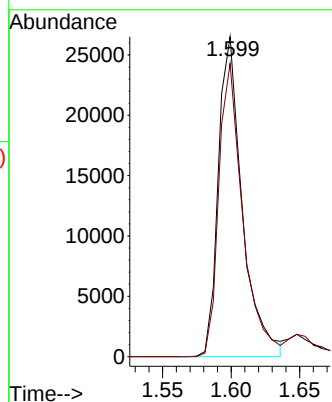
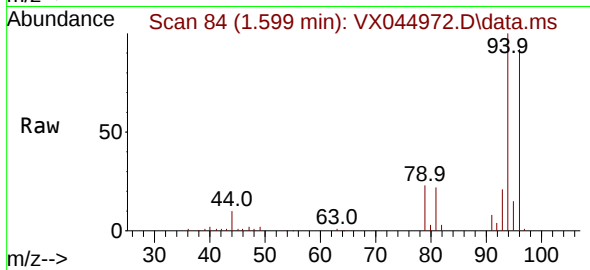




#5
Bromomethane
Concen: 66.712 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

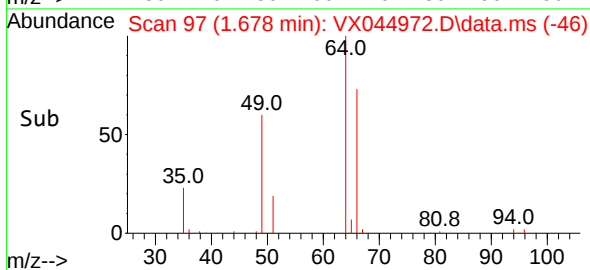
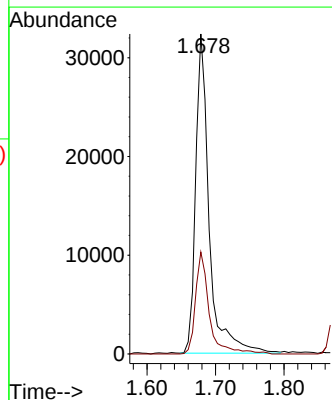
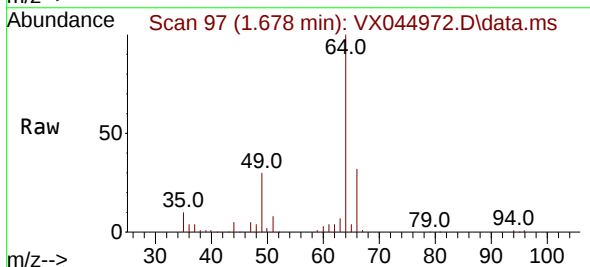
Instrument :
MSVOA_X
ClientSampleId :

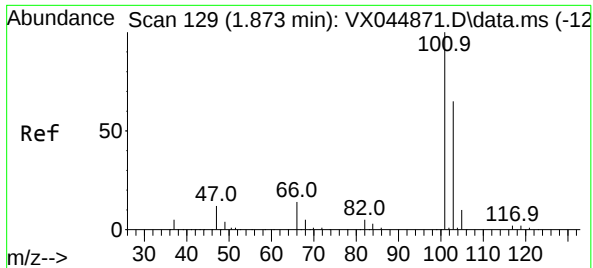
Tgt Ion: 94 Resp: 32163
Ion Ratio Lower Upper
94 100
96 91.7 71.6 107.4



#6
Chloroethane
Concen: 81.681 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 64 Resp: 44294
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9

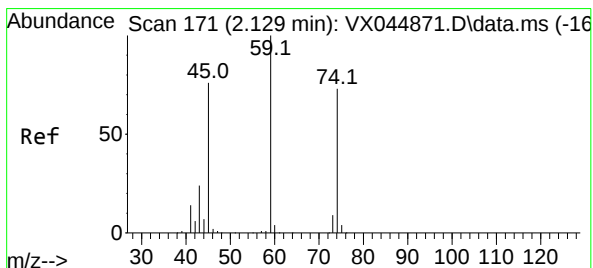
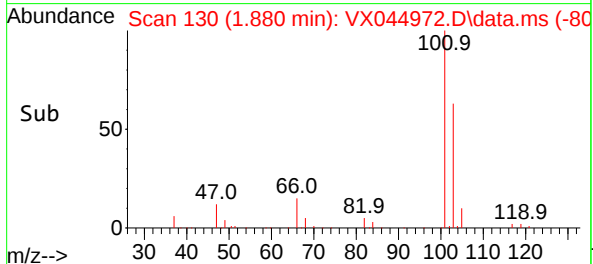
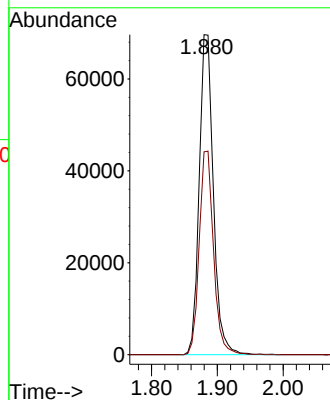
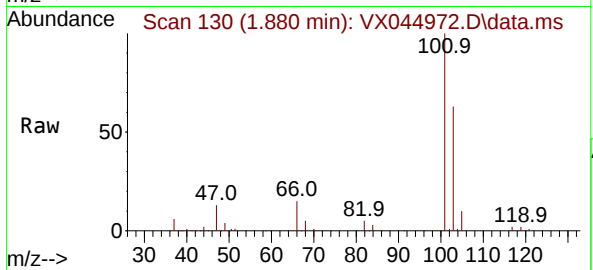




#7
 Trichlorofluoromethane
 Concen: 51.086 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

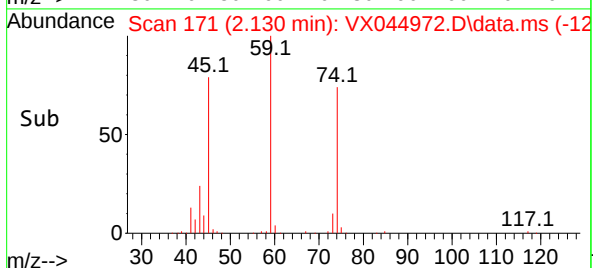
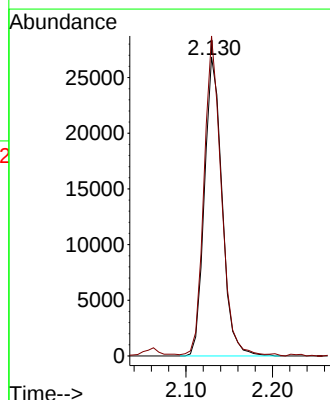
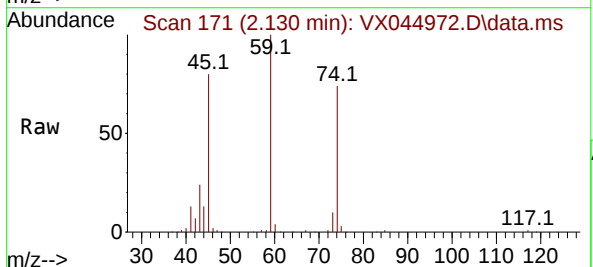
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 ClientSampleId :

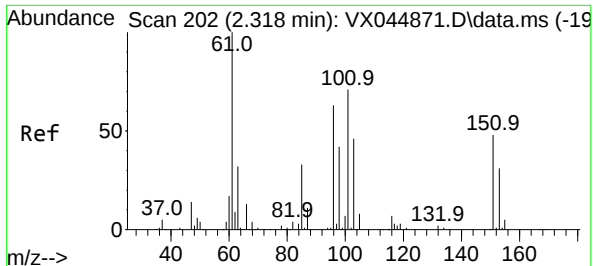
Tgt Ion:101 Resp: 104087
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6



#8
 Diethyl Ether
 Concen: 51.325 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Tgt Ion: 74 Resp: 37925
 Ion Ratio Lower Upper
 74 100
 45 105.8 51.1 153.4

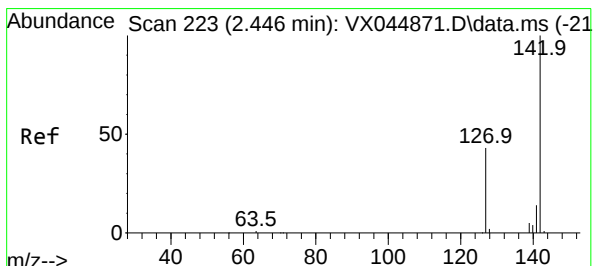
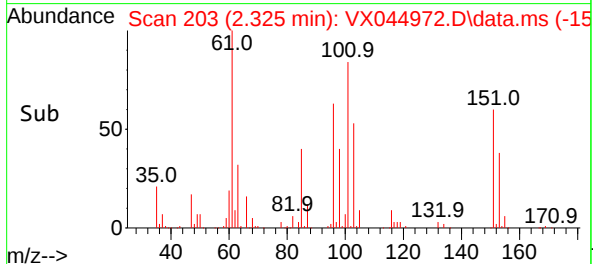
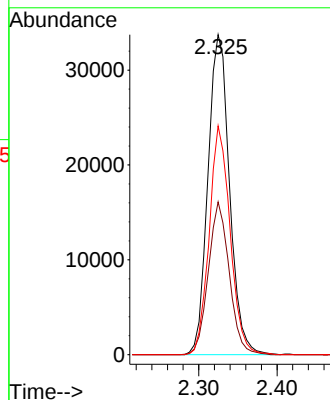
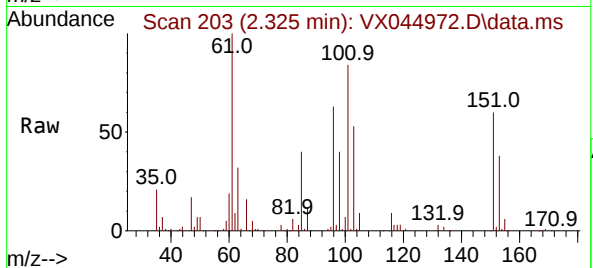




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.482 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044972.D
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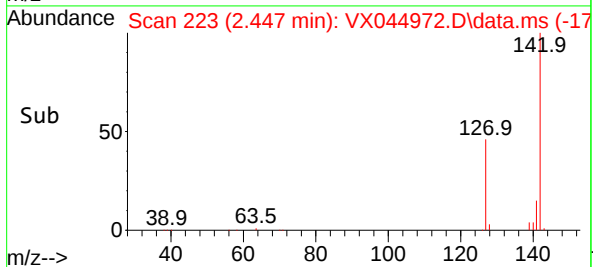
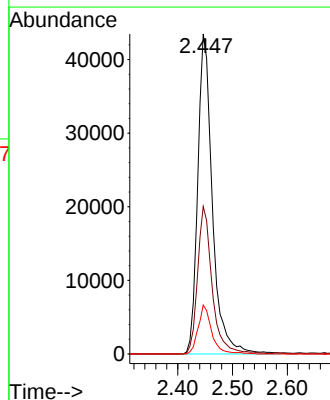
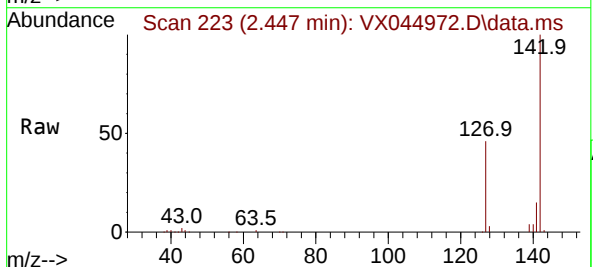
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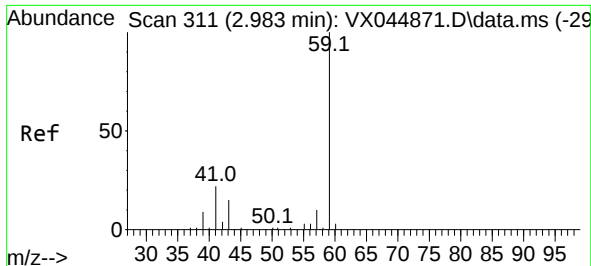
Tgt Ion:101 Resp: 64606
Ion Ratio Lower Upper
101 100
85 46.2 35.7 53.5
151 69.4 56.0 84.0



#10
Methyl Iodide
Concen: 50.797 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion:142 Resp: 81043
Ion Ratio Lower Upper
142 100
127 45.7 34.3 51.5
141 14.1 11.4 17.2

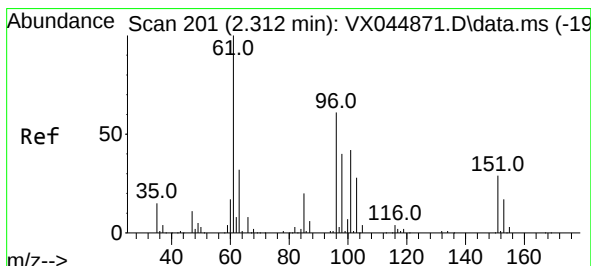
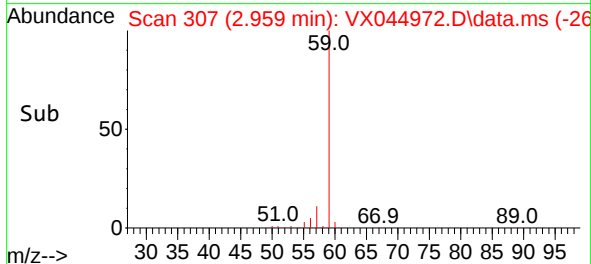
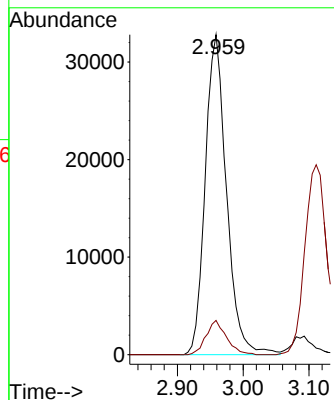
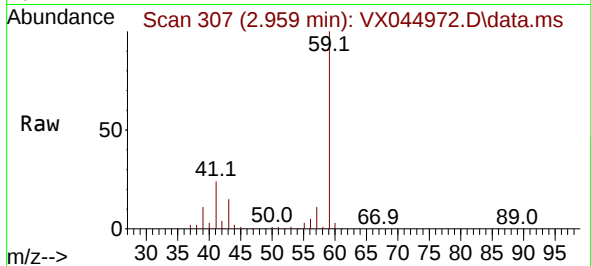




#11
Tert butyl alcohol
Concen: 278.961 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

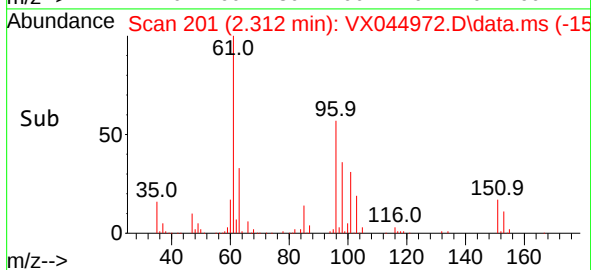
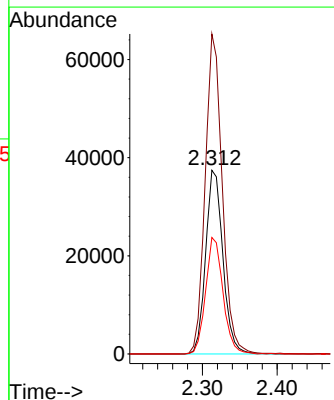
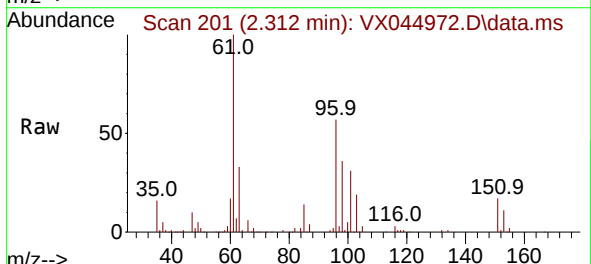
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 73804
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.764 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

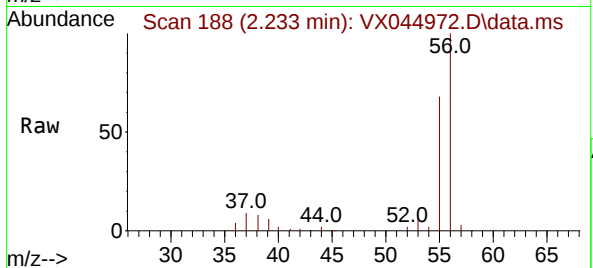
Tgt Ion: 96 Resp: 59978
Ion Ratio Lower Upper
96 100
61 174.2 130.2 195.4
98 63.4 52.2 78.4



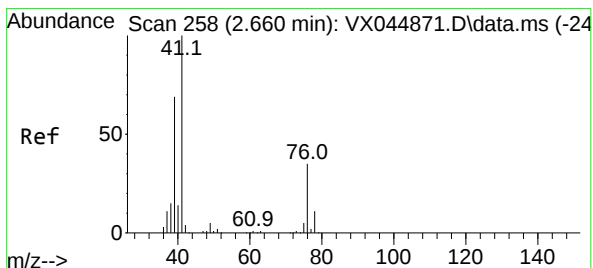
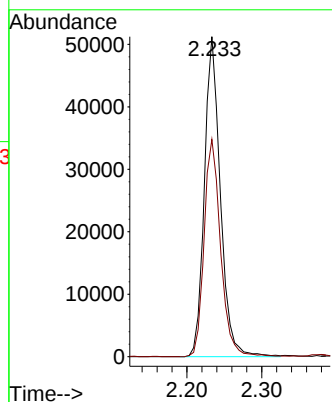
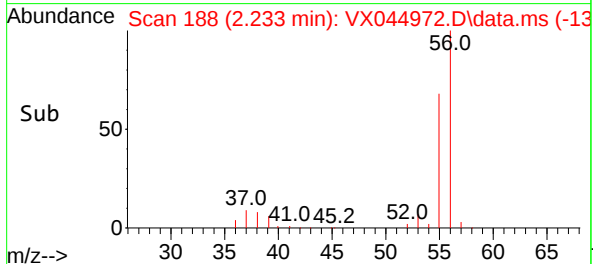


#13
Acrolein
Concen: 278.704 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :

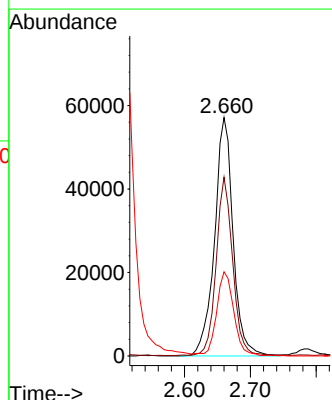
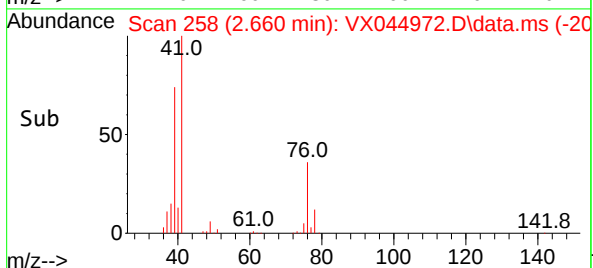
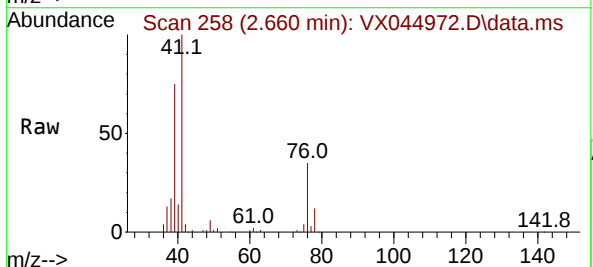


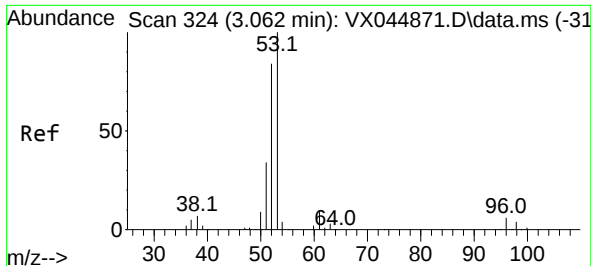
Tgt Ion: 56 Resp: 76077
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5



#14
Allyl chloride
Concen: 49.501 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

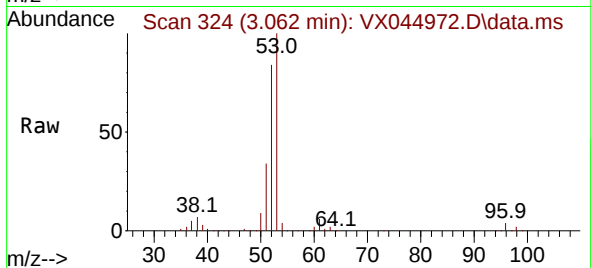
Tgt Ion: 41 Resp: 112339
Ion Ratio Lower Upper
41 100
39 66.3 51.4 77.2
76 32.0 27.0 40.4



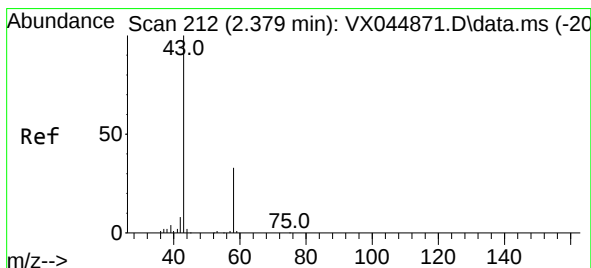
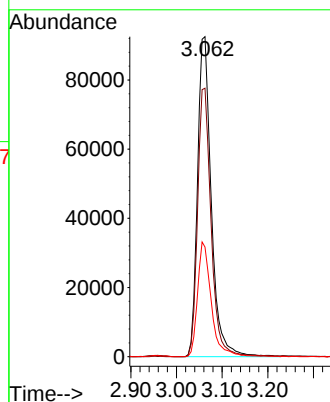
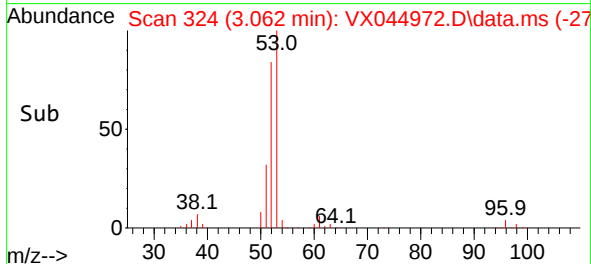


#15
Acrylonitrile
Concen: 274.621 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :

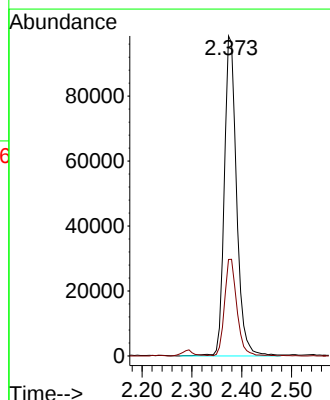
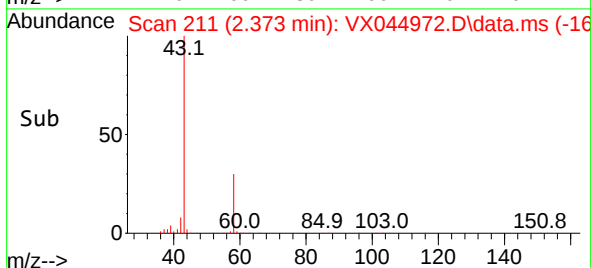
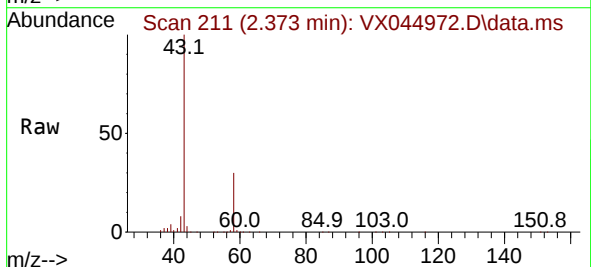


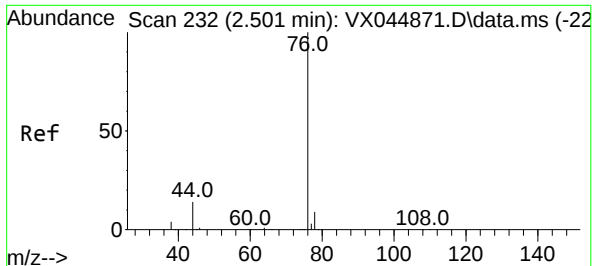
Tgt Ion: 53 Resp: 193989
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.6
51 35.7 28.0 42.0



#16
Acetone
Concen: 293.805 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 43 Resp: 168441
Ion Ratio Lower Upper
43 100
58 30.0 26.5 39.7

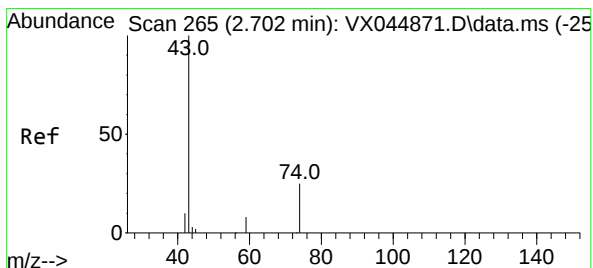
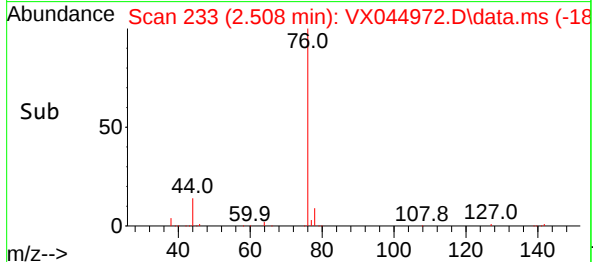
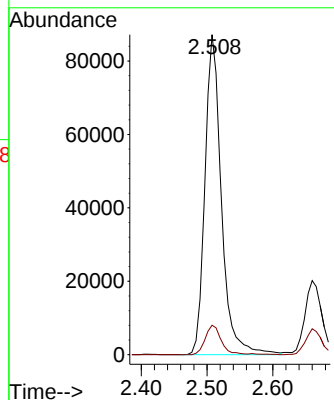
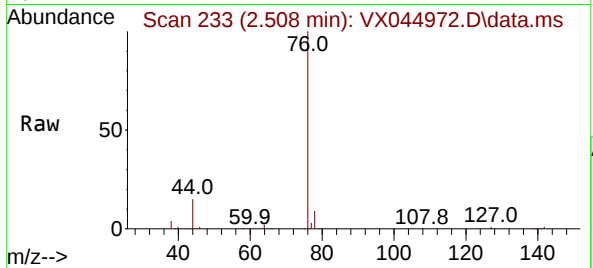




#17
Carbon Disulfide
Concen: 44.116 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

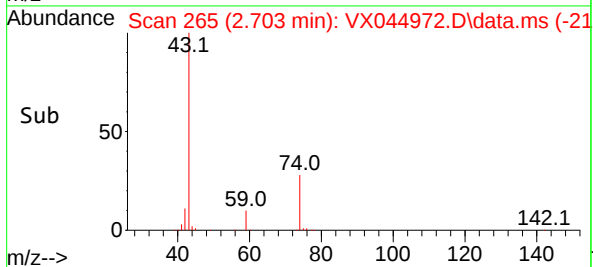
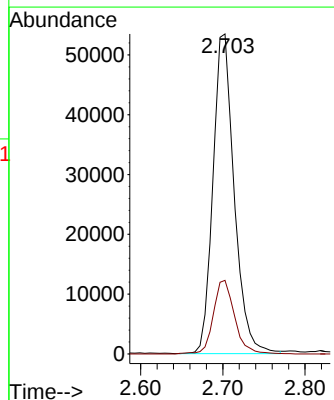
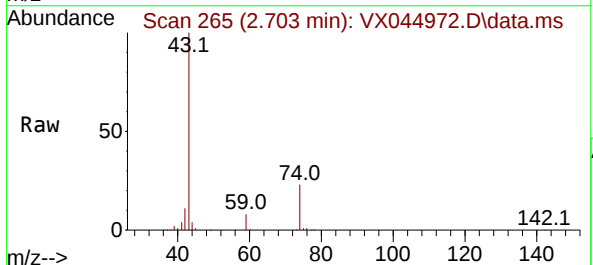
Instrument :
MSVOA_X
ClientSampleId :

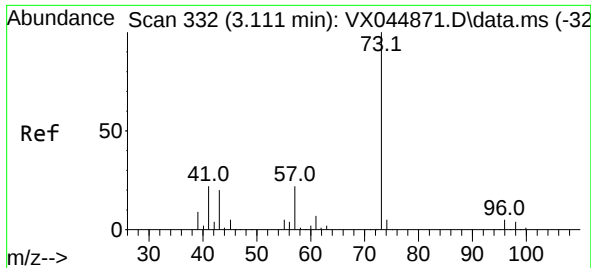
Tgt Ion: 76 Resp: 151908
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 53.113 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 43 Resp: 96089
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3

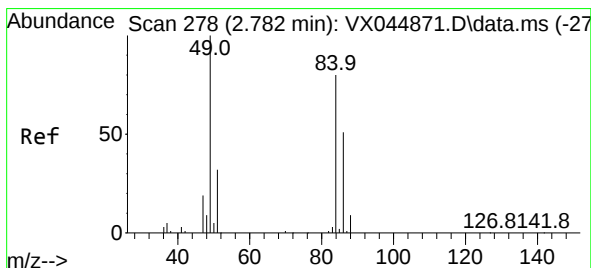
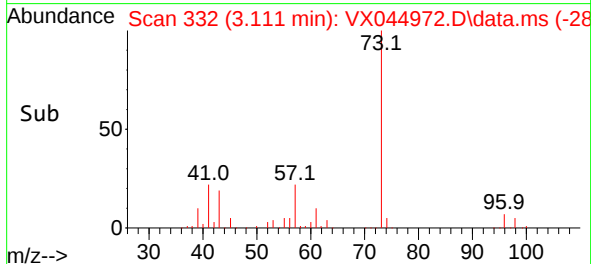
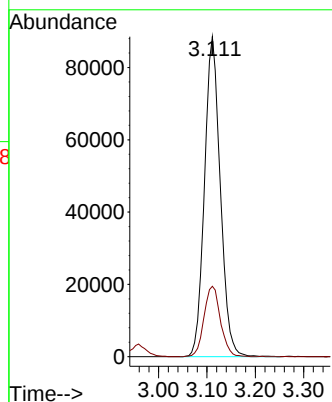
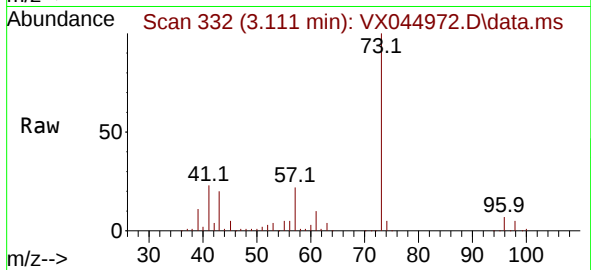




#19
Methyl tert-butyl Ether
Concen: 50.337 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

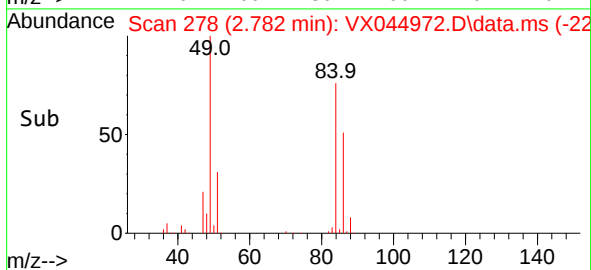
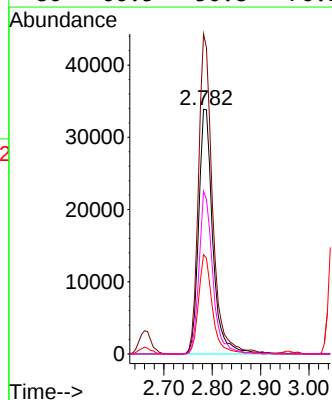
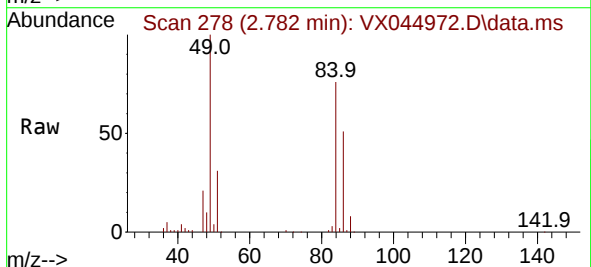
Instrument :
MSVOA_X
ClientSampleId :

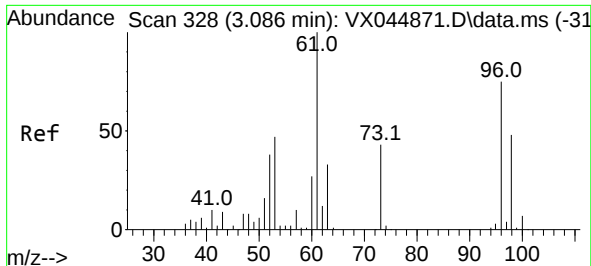
Tgt Ion: 73 Resp: 201111
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 48.904 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

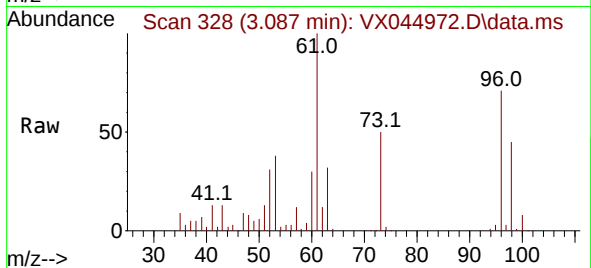
Tgt Ion: 84 Resp: 68674
Ion Ratio Lower Upper
84 100
49 130.8 100.1 150.1
51 40.7 31.7 47.5
86 66.5 50.8 76.2



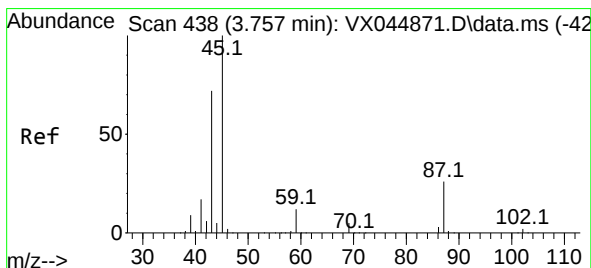
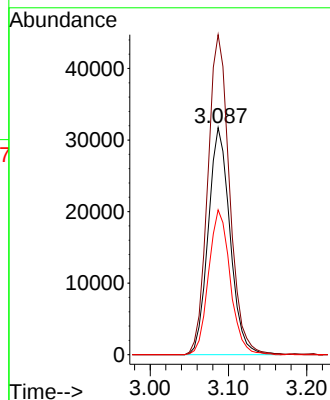
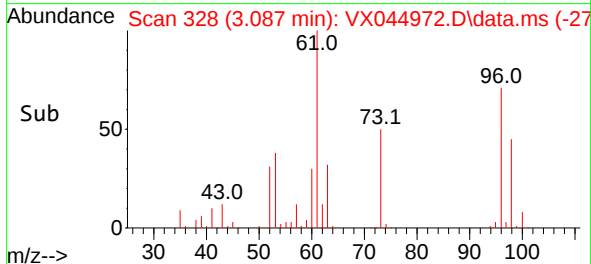


#21
trans-1,2-Dichloroethene
Concen: 49.620 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

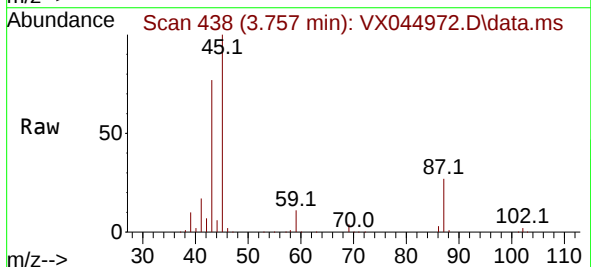
Instrument :
MSVOA_X
ClientSampleId :



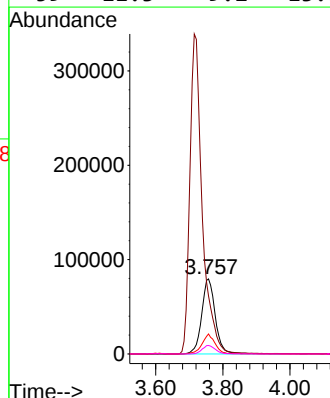
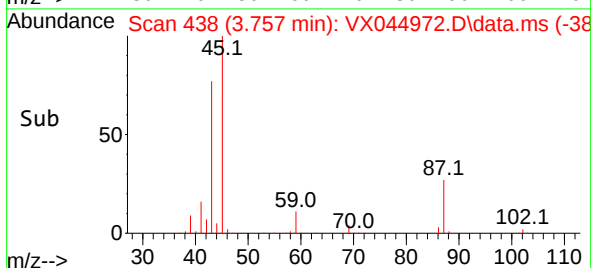
Tgt Ion: 96 Resp: 61325
Ion Ratio Lower Upper
96 100
61 140.9 106.0 159.0
98 63.8 50.6 76.0

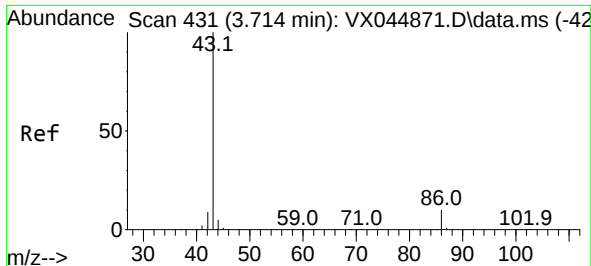


#22
Diisopropyl ether
Concen: 52.190 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 45 Resp: 224076
Ion Ratio Lower Upper
45 100
43 77.0 58.0 87.0
87 26.8 20.7 31.1
59 11.3 9.2 13.8

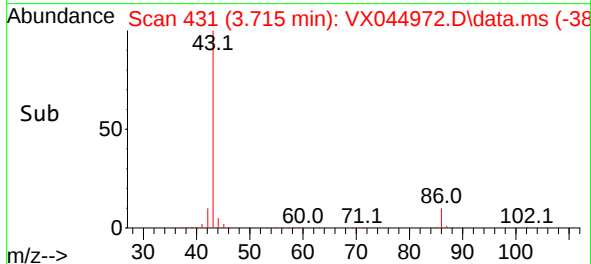
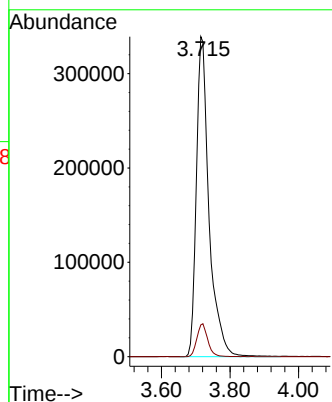
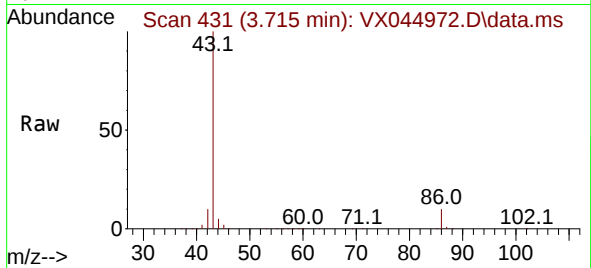




#23
 Vinyl Acetate
 Concen: 249.407 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

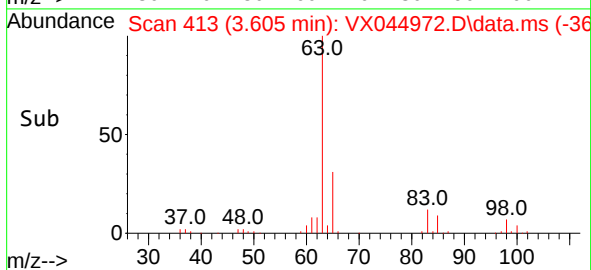
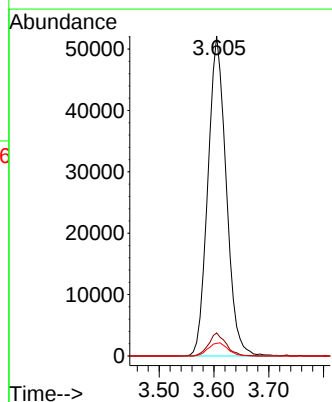
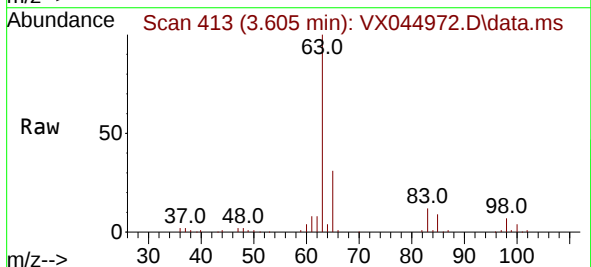
Instrument :
 MSVOA_X
 ClientSampleId :

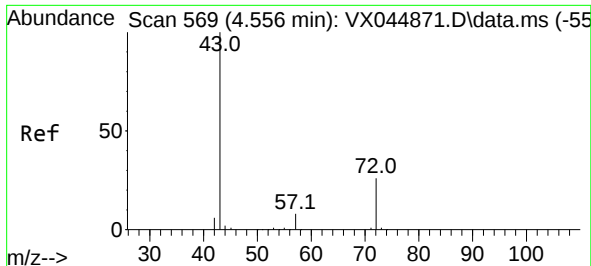
Tgt Ion: 43 Resp: 872986
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 50.318 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Tgt Ion: 63 Resp: 120881
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.0 2.1 6.5

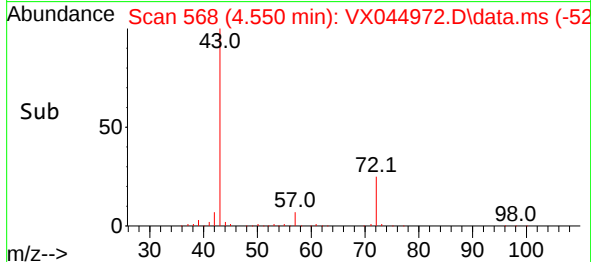
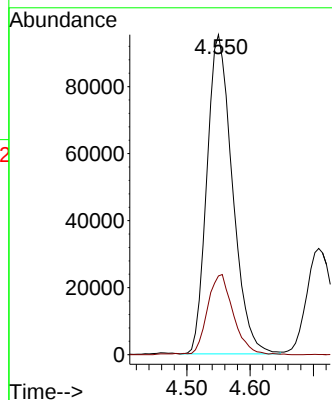
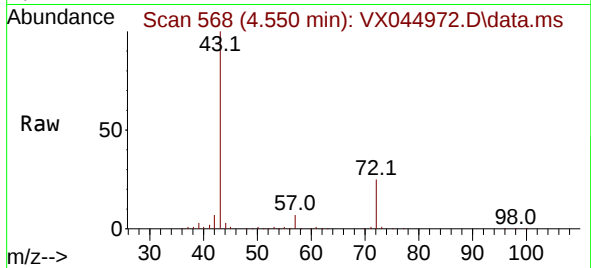




#25
2-Butanone
Concen: 286.792 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

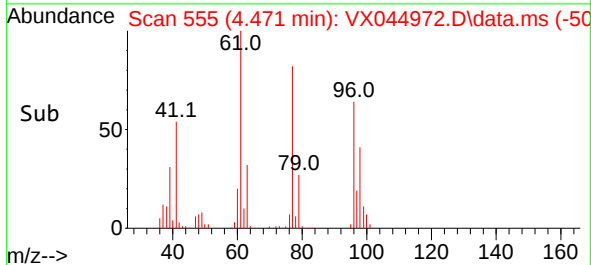
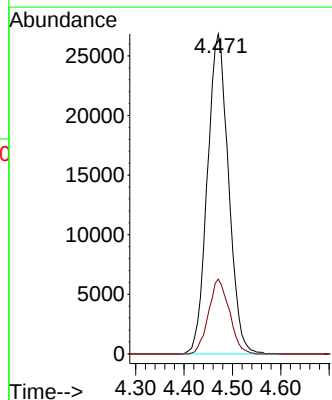
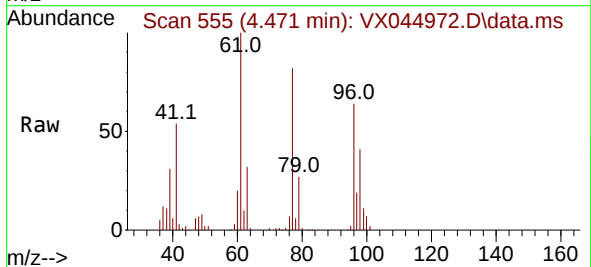
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 266989
Ion Ratio Lower Upper
43 100
72 24.5 21.2 31.8



#26
2,2-Dichloropropane
Concen: 42.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 77 Resp: 81427
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.688 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

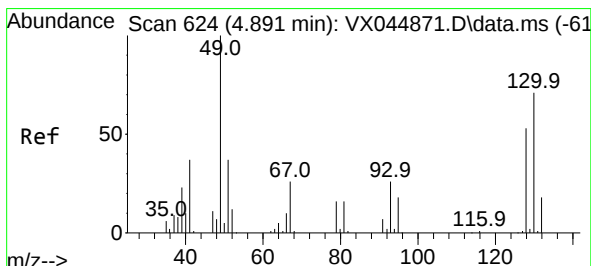
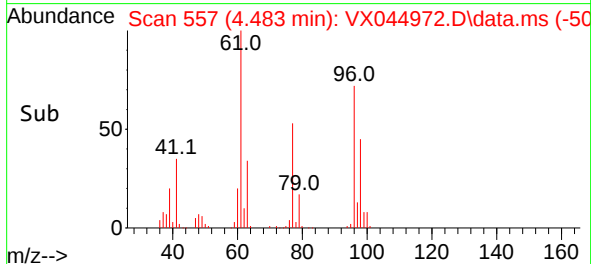
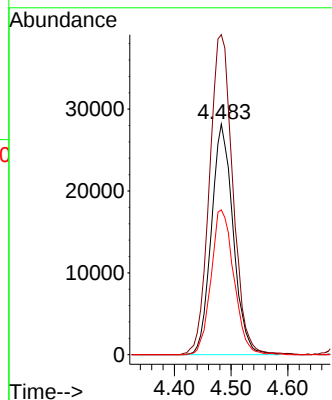
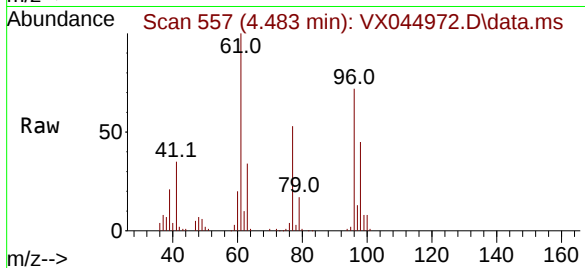
Tgt Ion: 96 Resp: 75247

Ion Ratio Lower Upper

96 100

61 148.9 0.0 294.0

98 65.7 0.0 131.2



#28

Bromochloromethane

Concen: 54.526 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

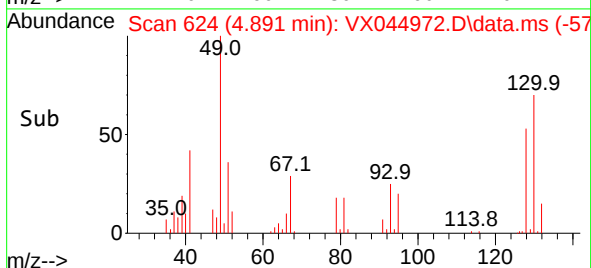
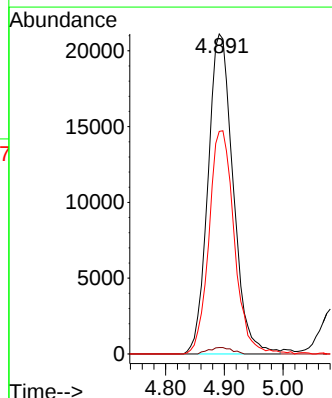
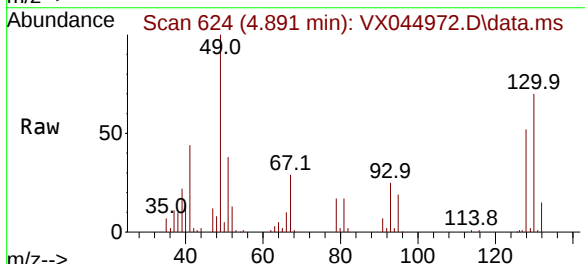
Tgt Ion: 49 Resp: 62951

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 70.0 56.7 85.1





#29

Tetrahydrofuran

Concen: 282.292 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

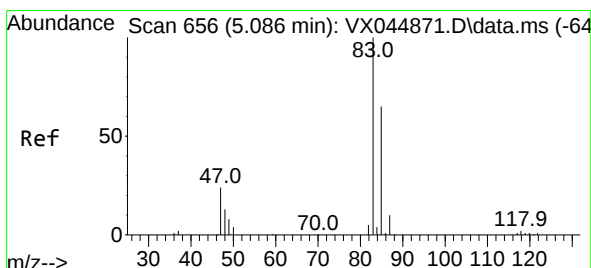
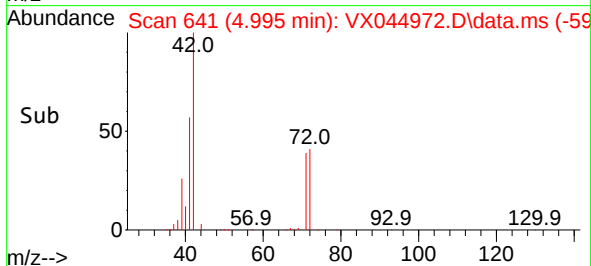
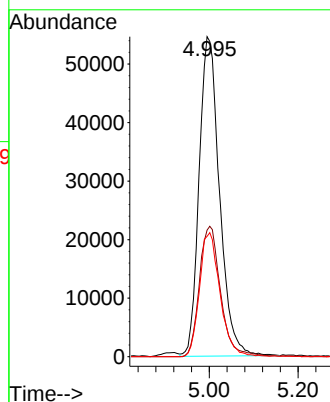
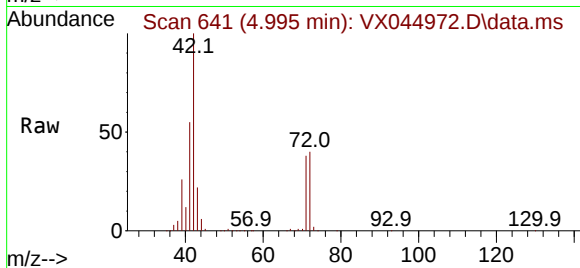
Tgt Ion: 42 Resp: 174505

Ion Ratio Lower Upper

42 100

72 42.4 35.0 52.4

71 39.2 32.6 48.8



#30

Chloroform

Concen: 51.272 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044972.D

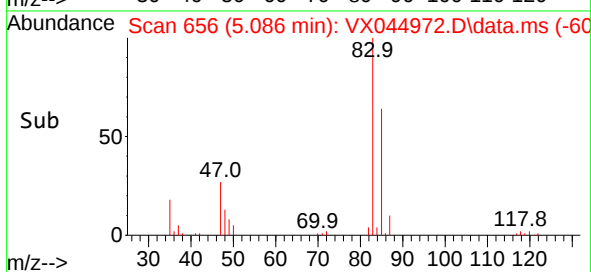
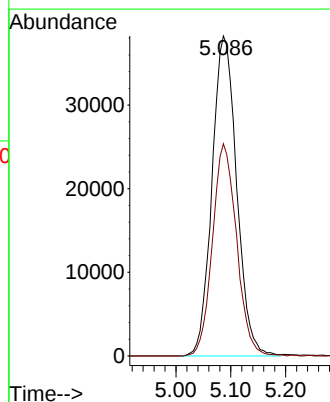
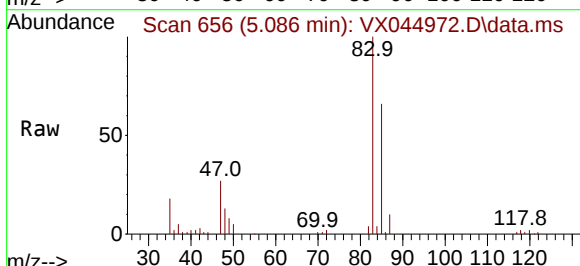
Acq: 14 Feb 2025 19:20

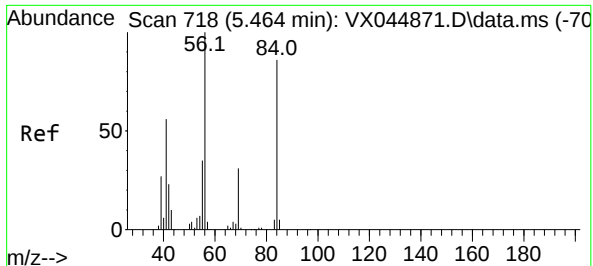
Tgt Ion: 83 Resp: 119451

Ion Ratio Lower Upper

83 100

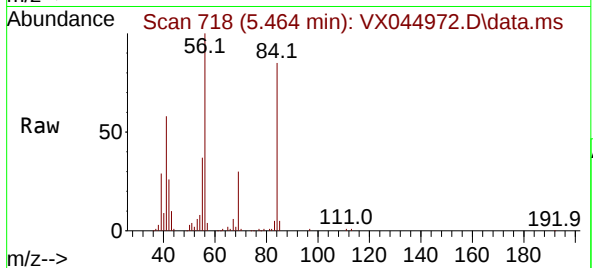
85 66.3 52.1 78.1



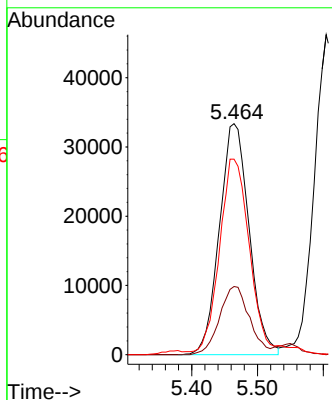
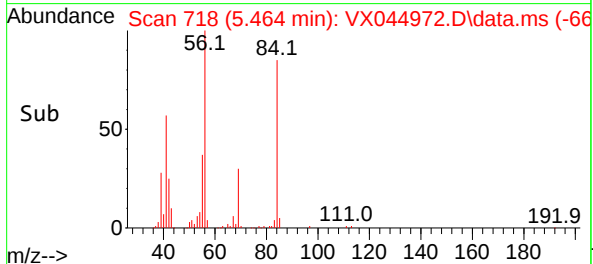


#31
Cyclohexane
Concen: 47.224 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :

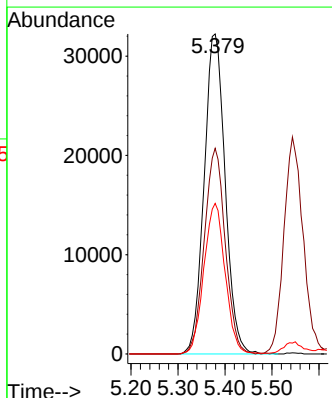
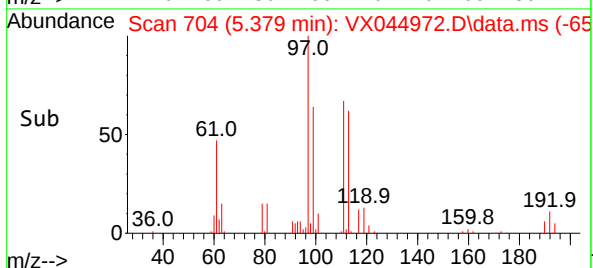
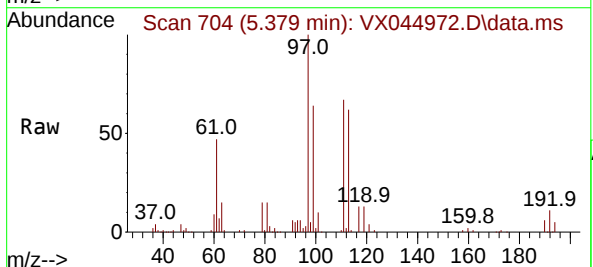


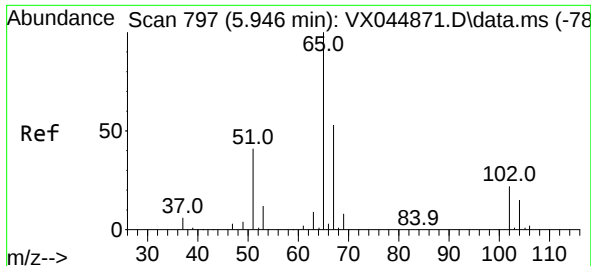
Tgt Ion:	56	Resp:	104588
Ion Ratio	Lower	Upper	
56	100		
69	29.5	24.4	36.6
84	82.8	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 50.668 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion:	97	Resp:	100127
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.6
61	47.6	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 54.892 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

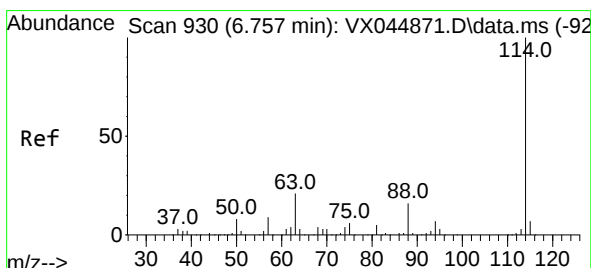
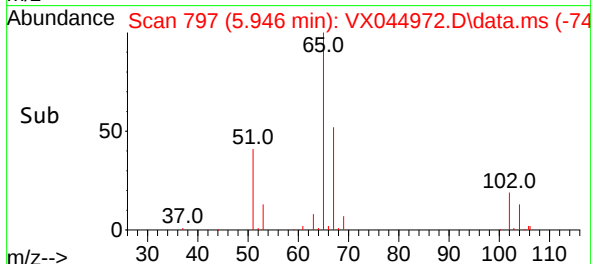
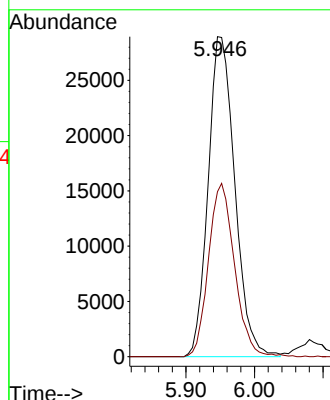
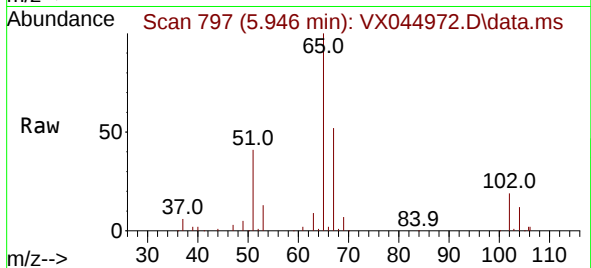
ClientSampleId :

Tgt Ion: 65 Resp: 78282

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

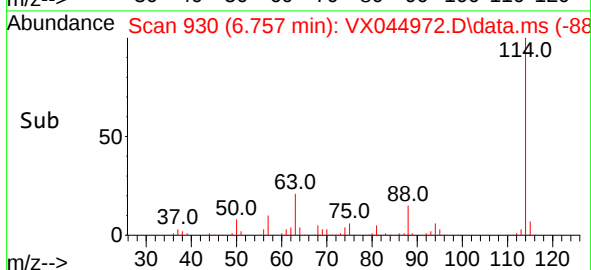
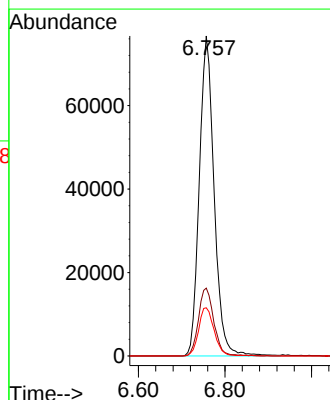
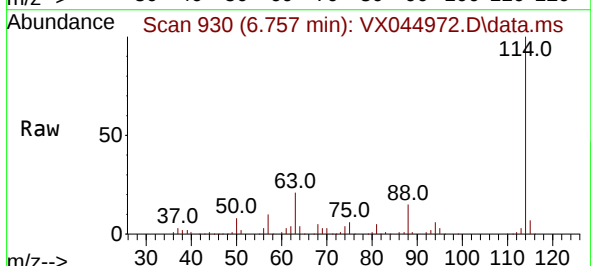
Tgt Ion: 114 Resp: 182191

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

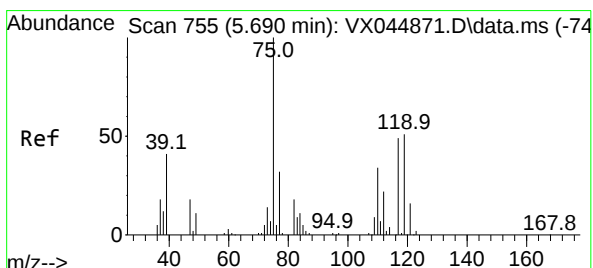
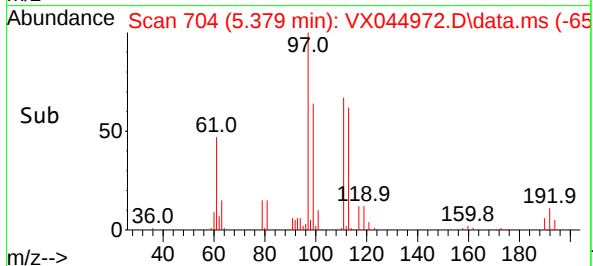
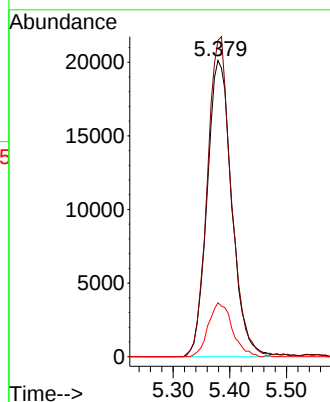
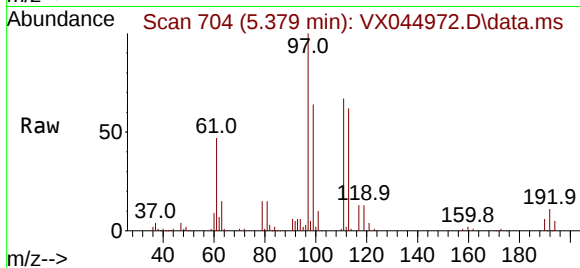
Tgt Ion:113 Resp: 60760

Ion Ratio Lower Upper

113 100

111 104.9 83.5 125.3

192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 47.648 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

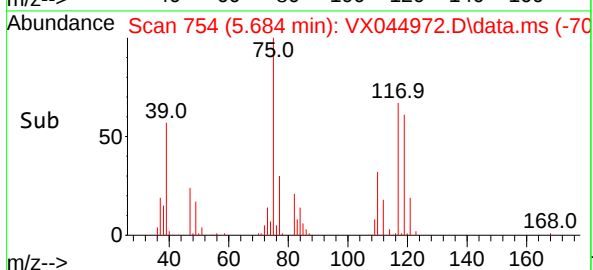
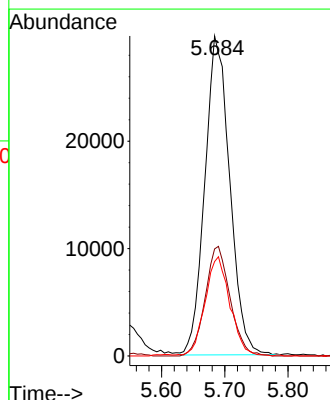
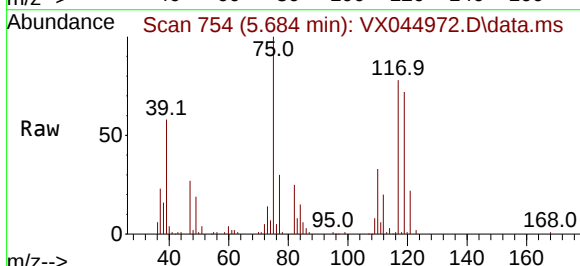
Tgt Ion: 75 Resp: 81429

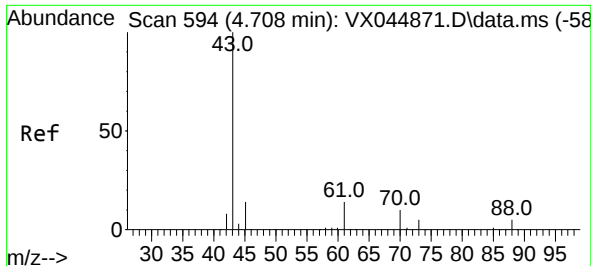
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.6

77 31.1 24.6 37.0

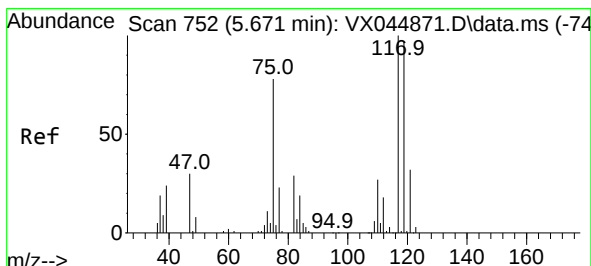
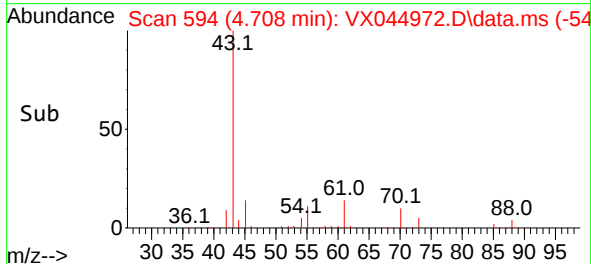
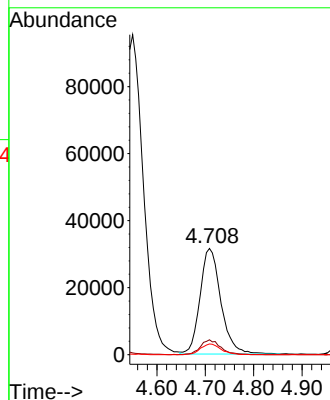
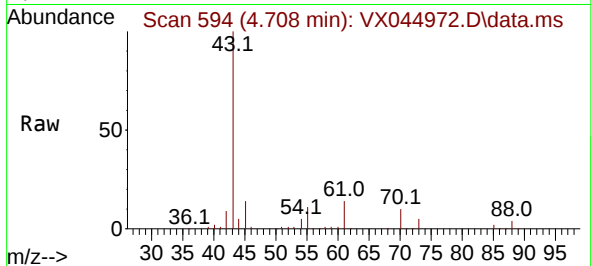




#37
Ethyl Acetate
Concen: 49.686 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

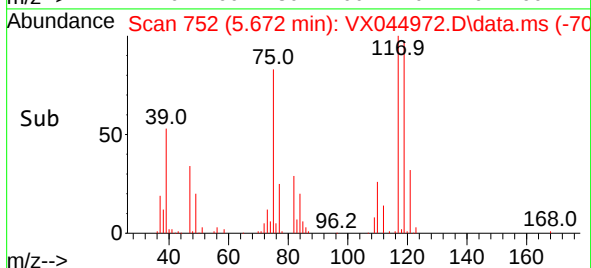
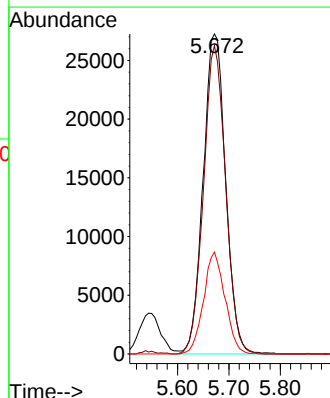
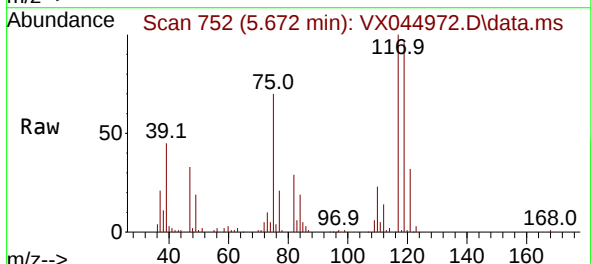
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 94446
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 117 Resp: 82844
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
121 31.8 25.6 38.4

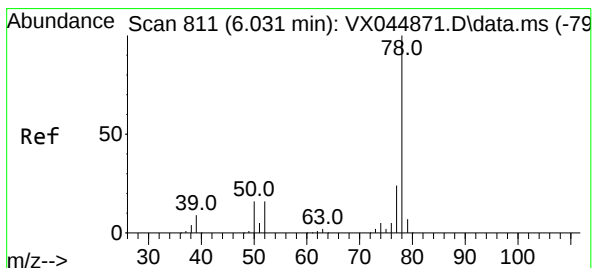
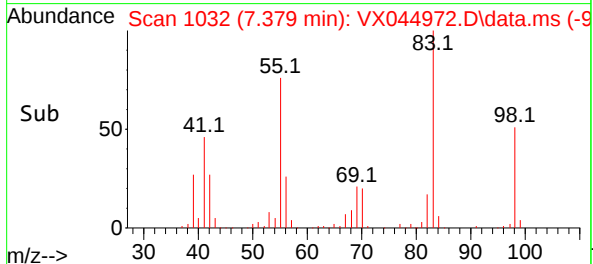
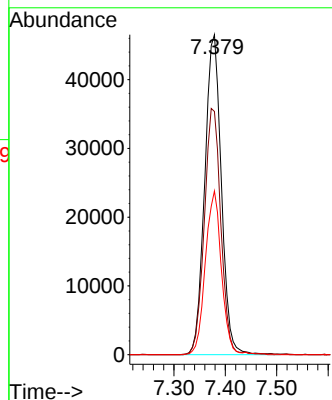
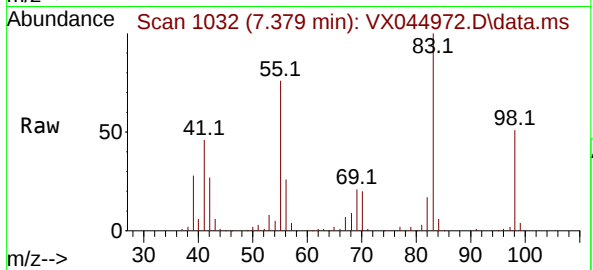




#39
Methylcyclohexane
Concen: 47.265 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

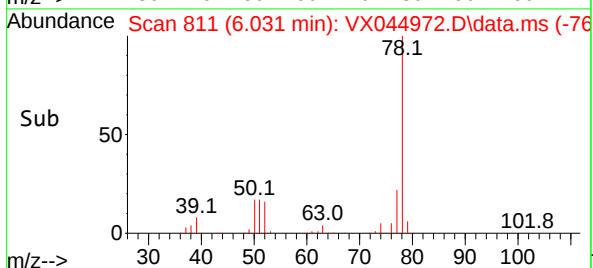
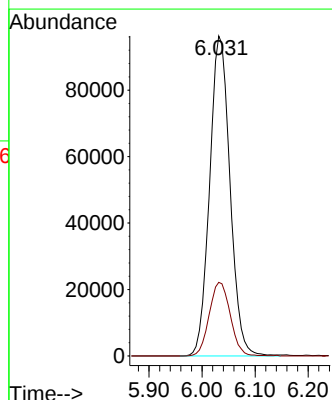
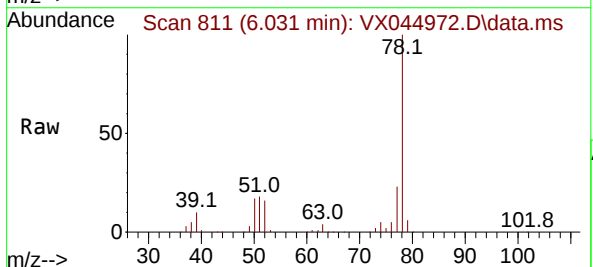
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 104430
Ion Ratio Lower Upper
83 100
55 76.0 61.3 91.9
98 51.2 37.0 55.6



#40
Benzene
Concen: 48.202 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

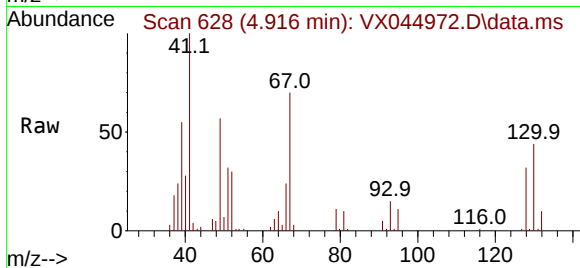
Tgt Ion: 78 Resp: 257225
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



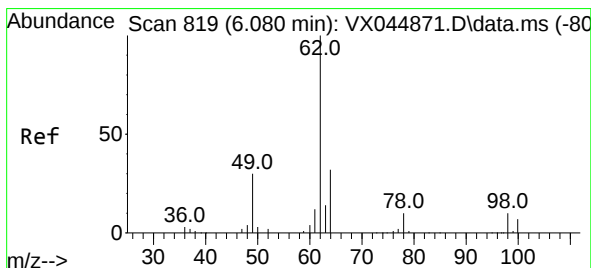
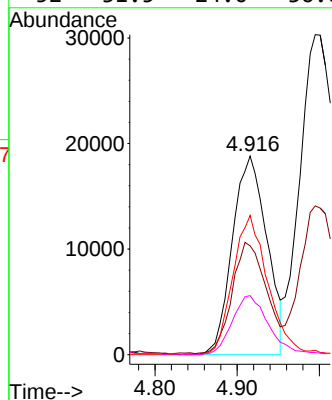
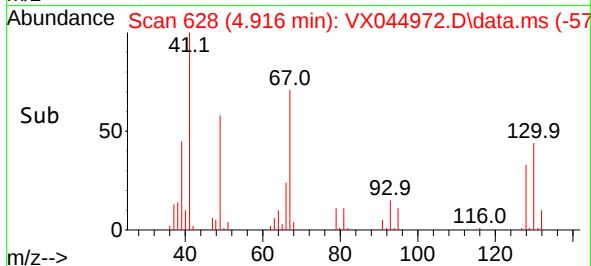


#41
Methacrylonitrile
Concen: 53.984 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :

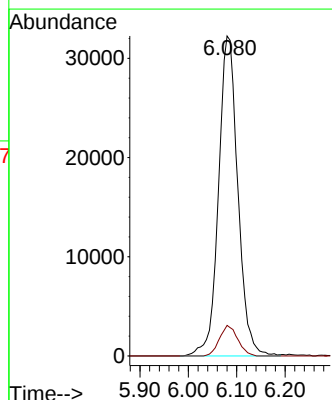
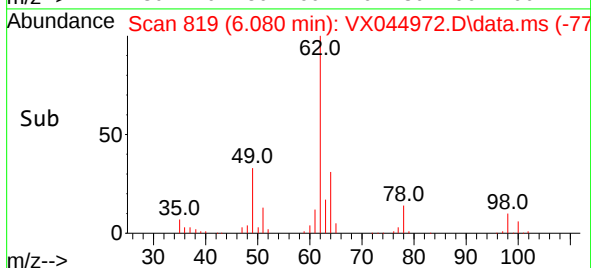
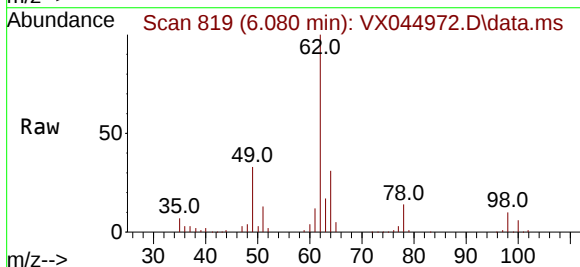


Tgt Ion: 41	Resp: 54927
Ion Ratio	Lower Upper
41 100	
39 55.2	43.1 64.7
67 71.6	57.0 85.6
52 31.5	24.0 36.0



#42
1,2-Dichloroethane
Concen: 52.616 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 62	Resp: 89488
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.4

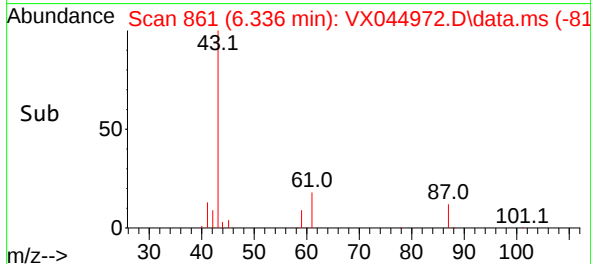
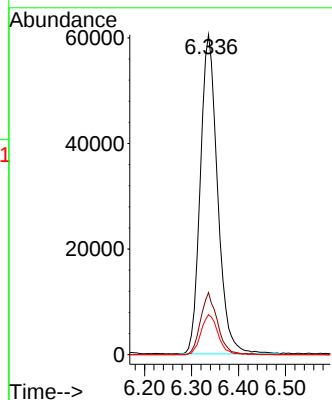
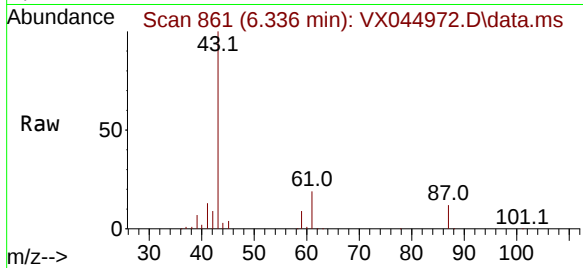




#43
Isopropyl Acetate
Concen: 50.235 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

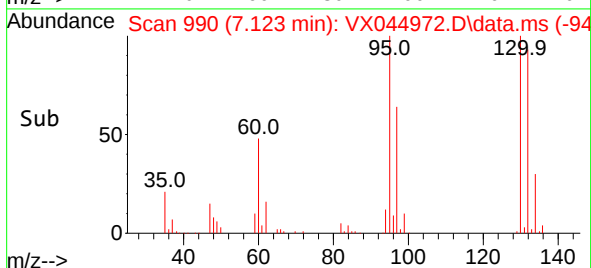
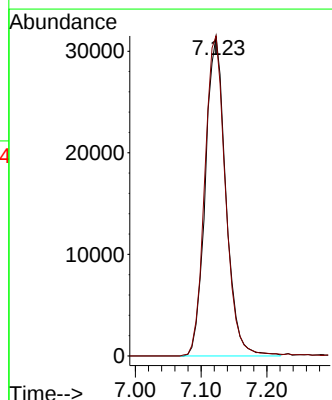
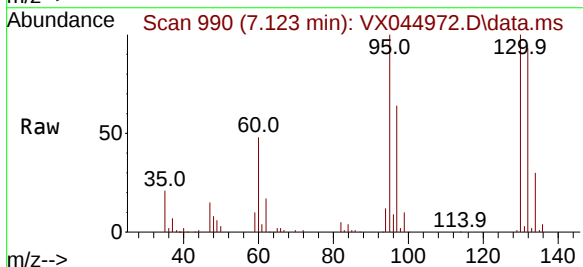
Instrument :
MSVOA_X
ClientSampleId :

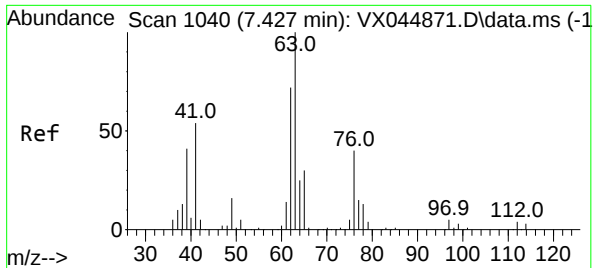
Tgt Ion: 43 Resp: 154203
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.8
87 12.4 10.0 15.0



#44
Trichloroethene
Concen: 55.749 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion:130 Resp: 68001
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.4

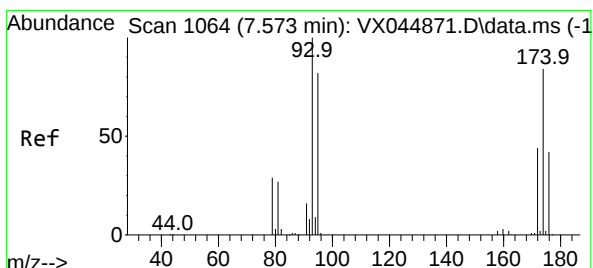
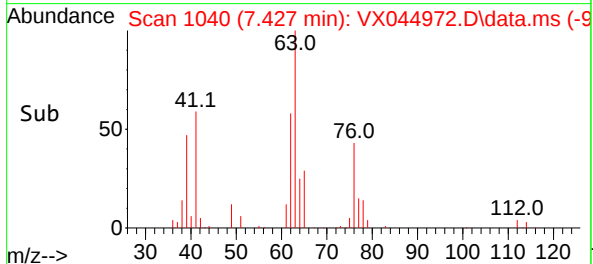
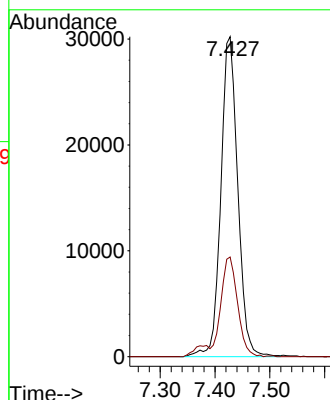
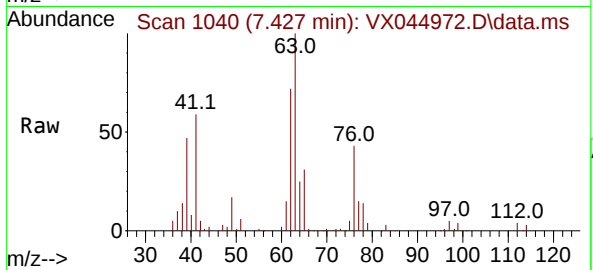




#45
1,2-Dichloropropane
Concen: 48.915 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

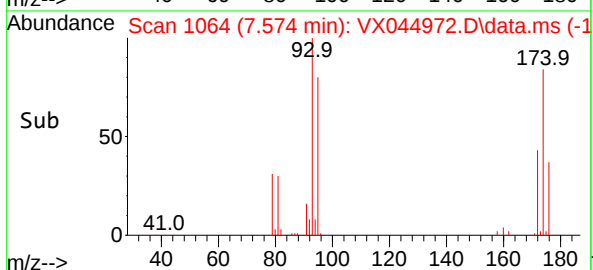
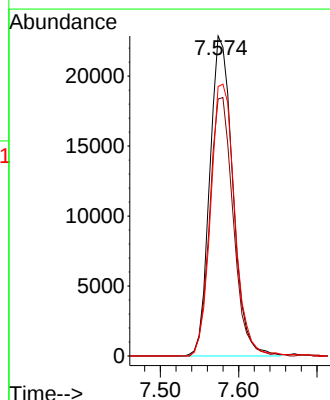
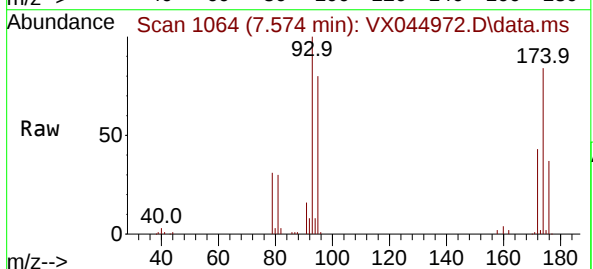
Instrument :
MSVOA_X
ClientSampleId :

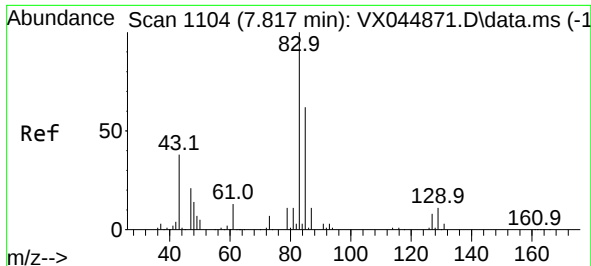
Tgt Ion: 63 Resp: 64941
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.4



#46
Dibromomethane
Concen: 50.753 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 93 Resp: 46729
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 88.8 69.9 104.9

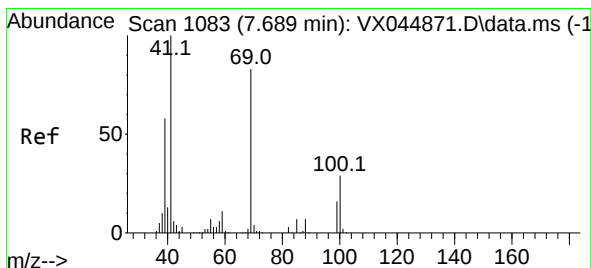
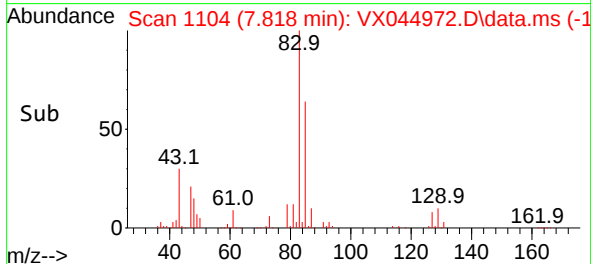
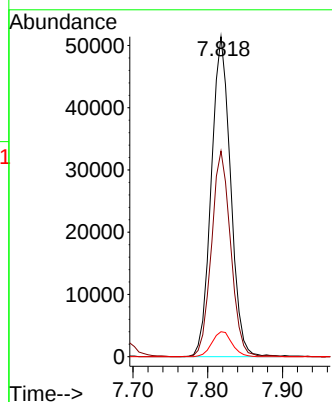
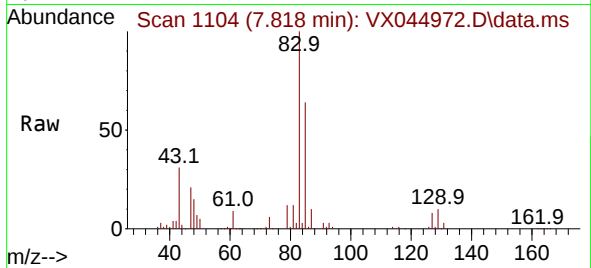




#47
Bromodichloromethane
Concen: 51.725 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

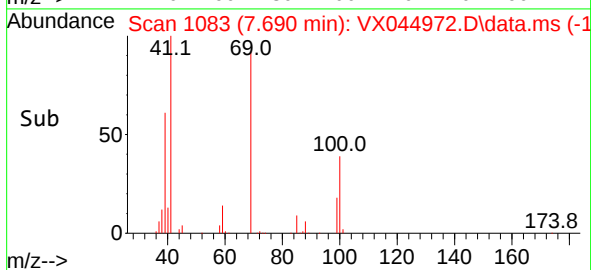
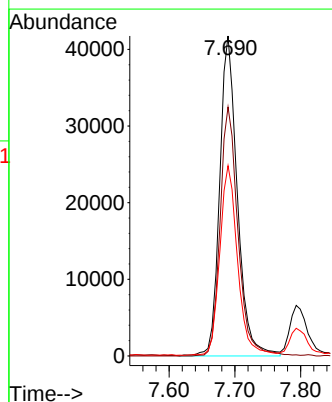
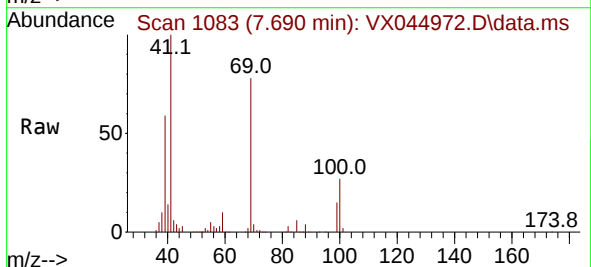
Instrument :
MSVOA_X
ClientSampleId :

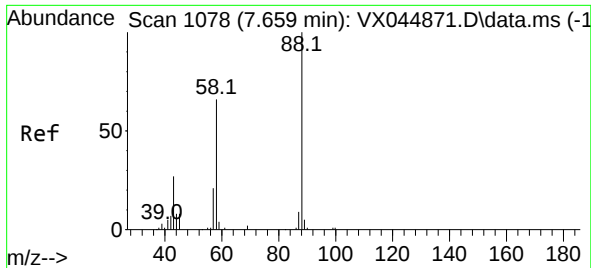
Tgt Ion: 83 Resp: 92213
Ion Ratio Lower Upper
83 100
85 64.2 50.0 75.0
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 54.037 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

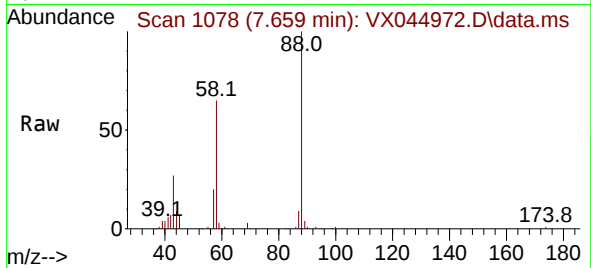
Tgt Ion: 41 Resp: 78211
Ion Ratio Lower Upper
41 100
69 78.6 65.8 98.8
39 59.3 46.4 69.6



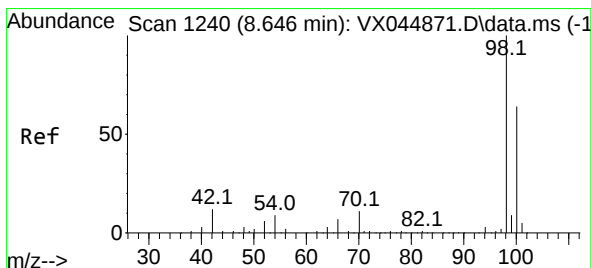
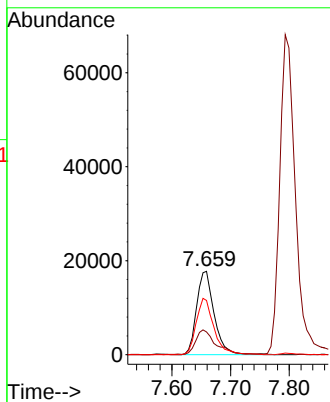
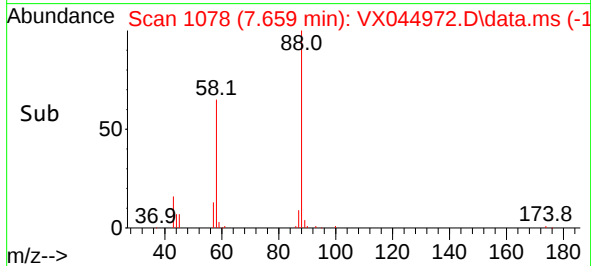


#49
1,4-Dioxane
Concen: 1182.817 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :

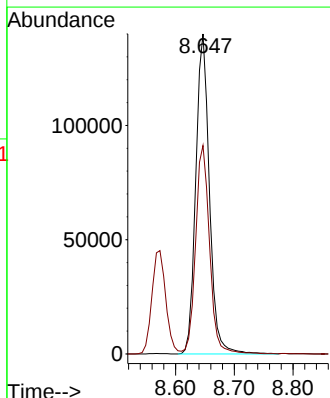
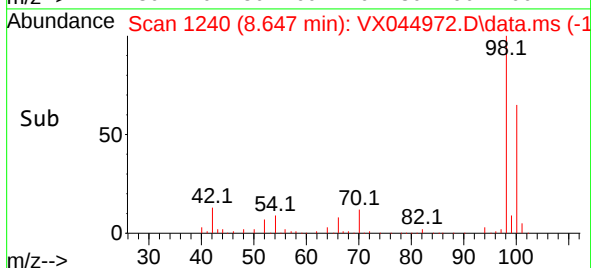
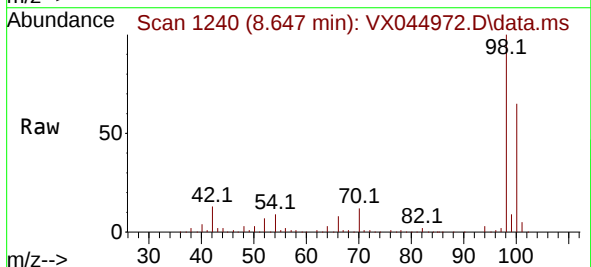


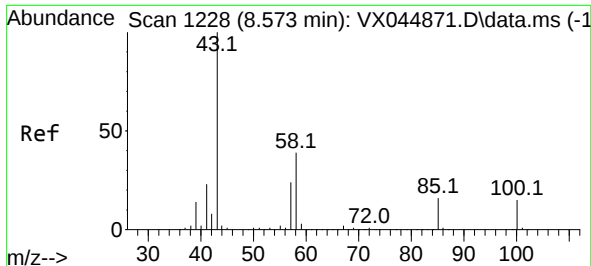
Tgt Ion: 88 Resp: 36730
Ion Ratio Lower Upper
88 100
43 34.9 26.6 39.8
58 67.9 55.9 83.9



#50
Toluene-d8
Concen: 50.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 98 Resp: 226090
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 284.179 ug/l

RT: 8.567 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

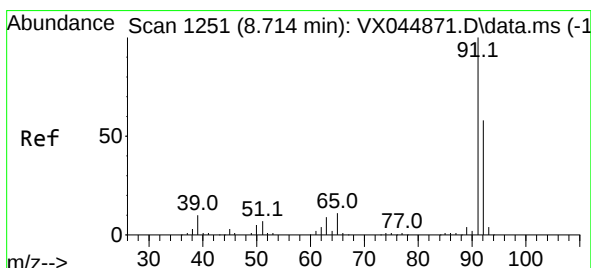
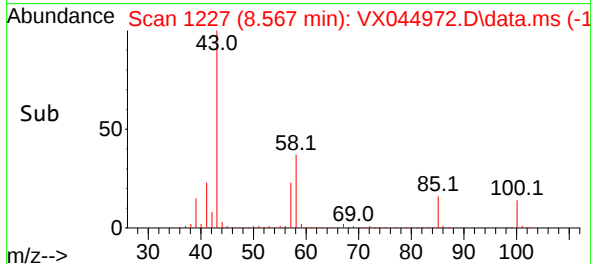
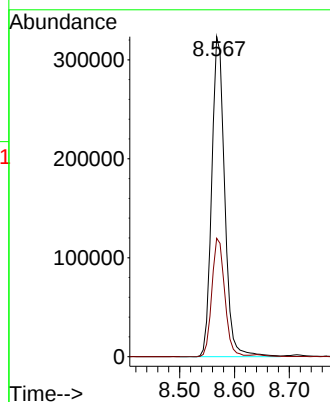
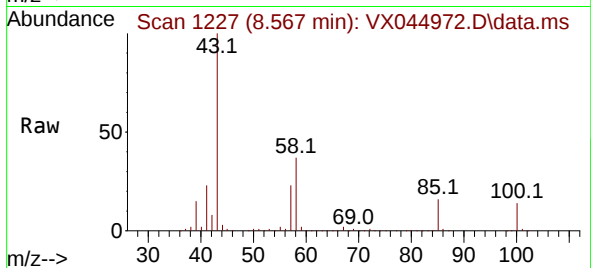
ClientSampleId :

Tgt Ion: 43 Resp: 530321

Ion Ratio Lower Upper

43 100

58 36.9 30.8 46.2



#52

Toluene

Concen: 49.291 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044972.D

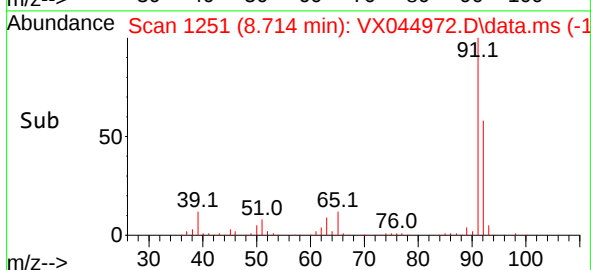
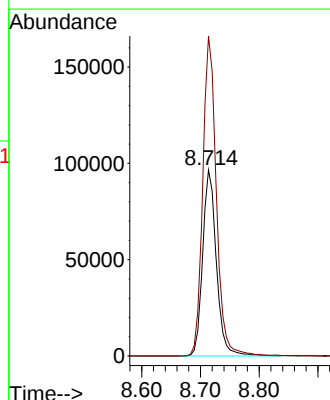
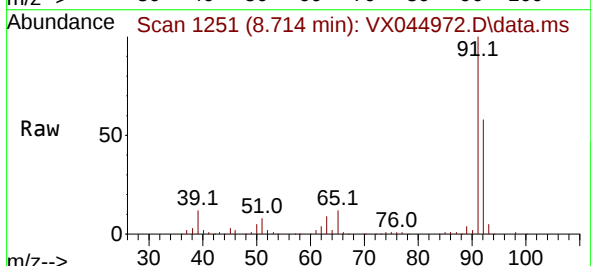
Acq: 14 Feb 2025 19:20

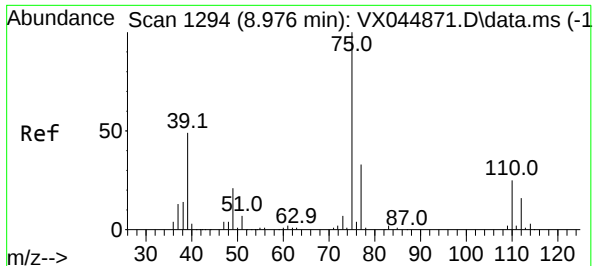
Tgt Ion: 92 Resp: 156652

Ion Ratio Lower Upper

92 100

91 171.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 47.340 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

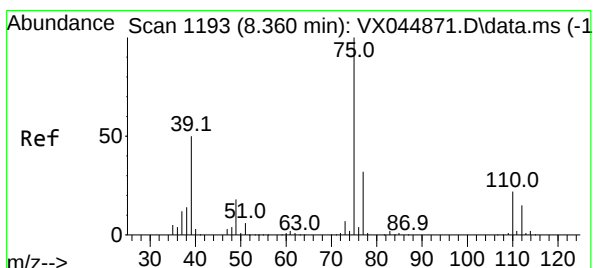
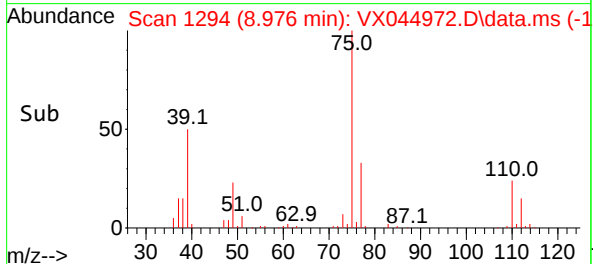
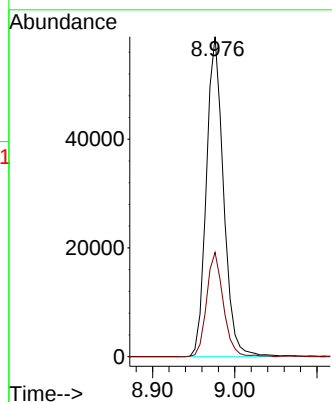
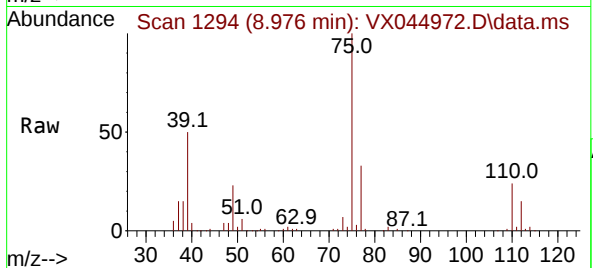
ClientSampleId :

Tgt Ion: 75 Resp: 85404

Ion Ratio Lower Upper

75 100

77 32.6 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 48.470 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

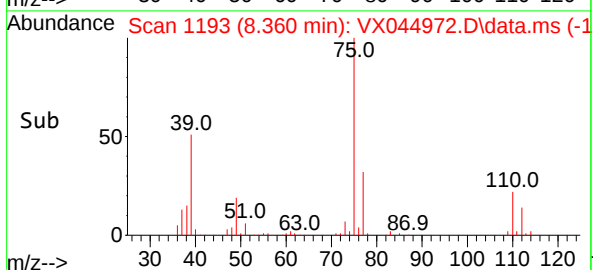
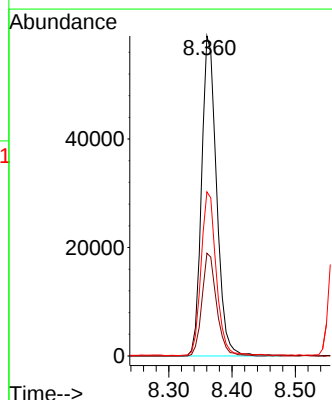
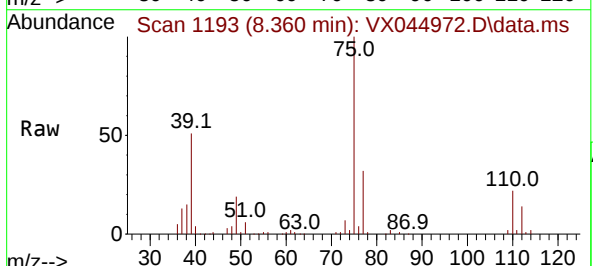
Tgt Ion: 75 Resp: 97495

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 51.1 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 51.549 ug/l

RT: 9.147 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 62978

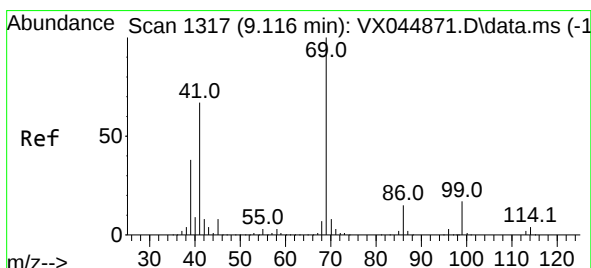
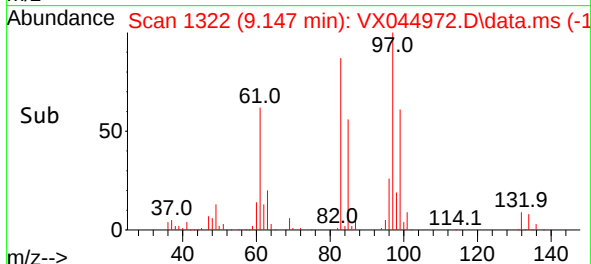
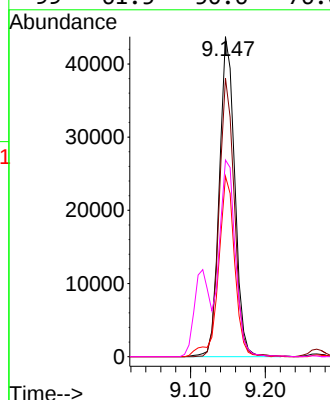
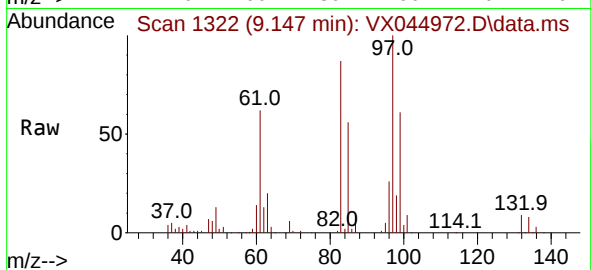
Ion Ratio Lower Upper

97 100

83 87.0 69.8 104.6

85 56.4 44.8 67.2

99 61.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 51.239 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

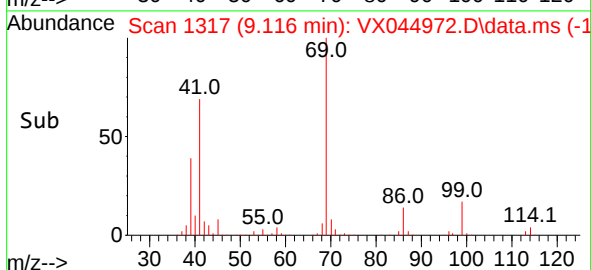
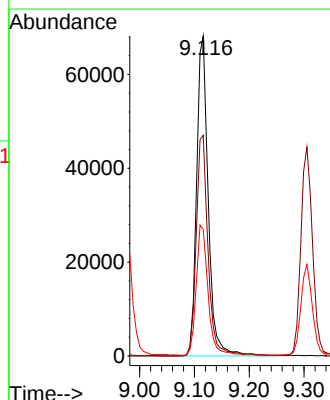
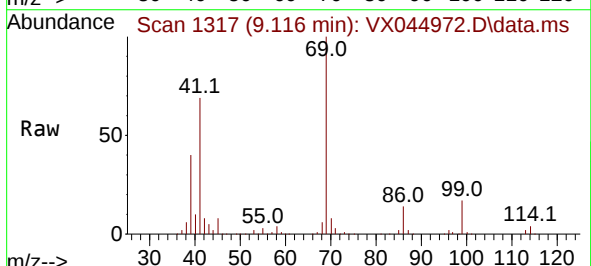
Tgt Ion: 69 Resp: 101104

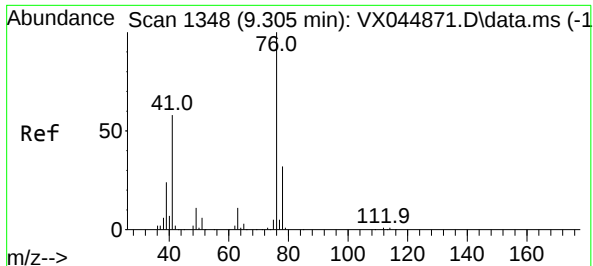
Ion Ratio Lower Upper

69 100

41 70.7 55.2 82.8

39 41.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.128 ug/l

RT: 9.305 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

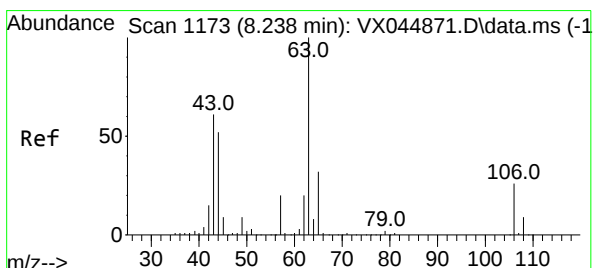
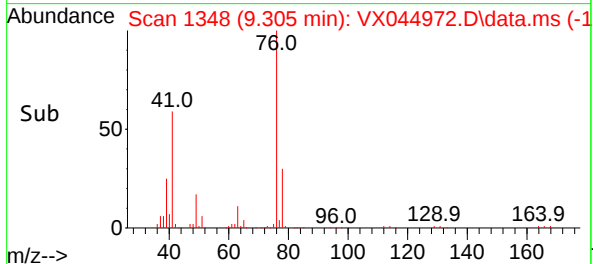
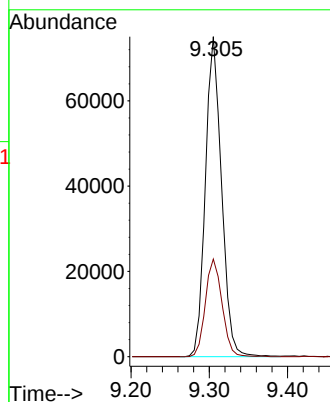
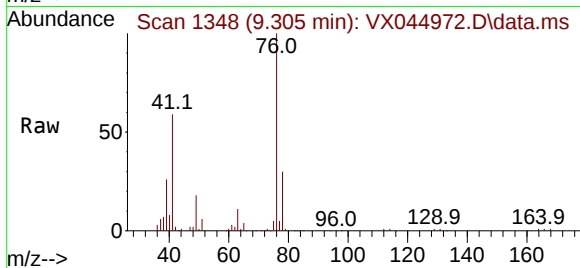
ClientSampleId :

Tgt Ion: 76 Resp: 107154

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.478 ug/l

RT: 8.177 min Scan# 1163

Delta R.T. -0.061 min

Lab File: VX044972.D

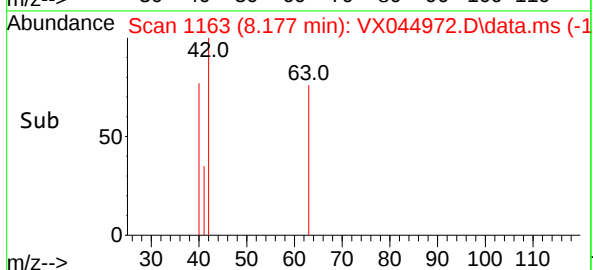
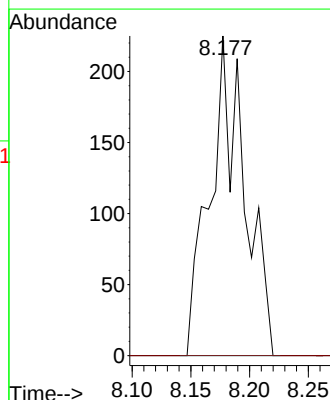
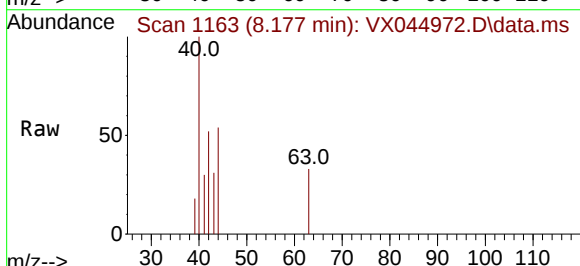
Acq: 14 Feb 2025 19:20

Tgt Ion: 63 Resp: 463

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#





#59

2-Hexanone

Concen: 291.258 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

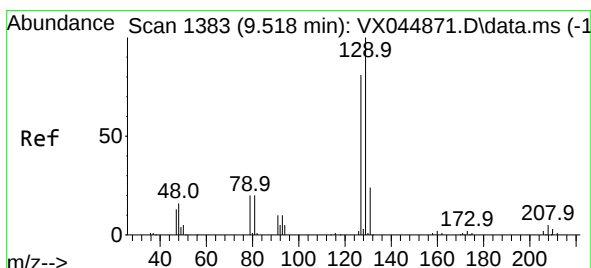
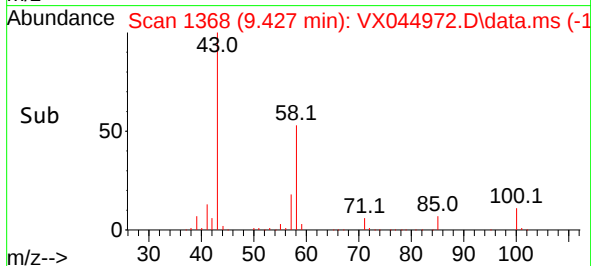
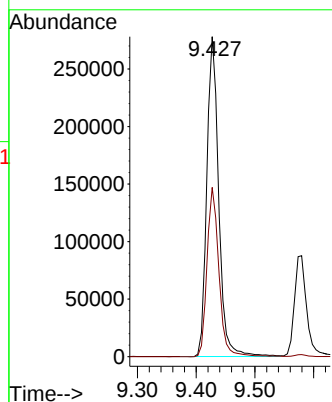
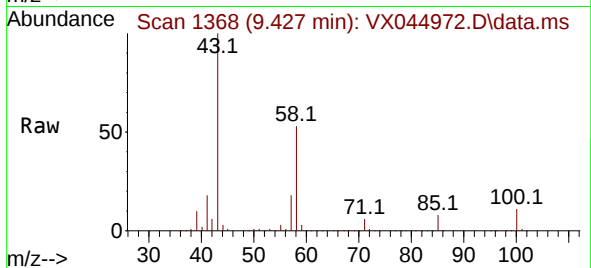
ClientSampleId :

Tgt Ion: 43 Resp: 391620

Ion Ratio Lower Upper

43 100

58 53.1 27.5 82.4



#60

Dibromochloromethane

Concen: 51.969 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044972.D

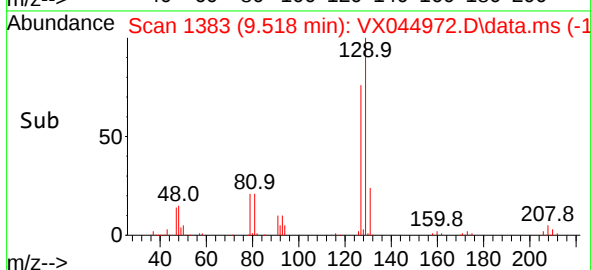
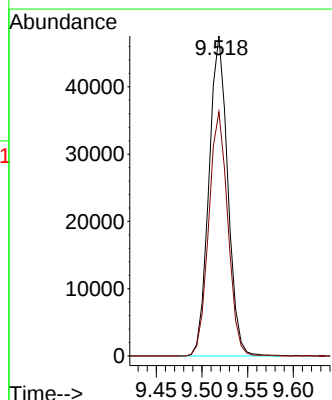
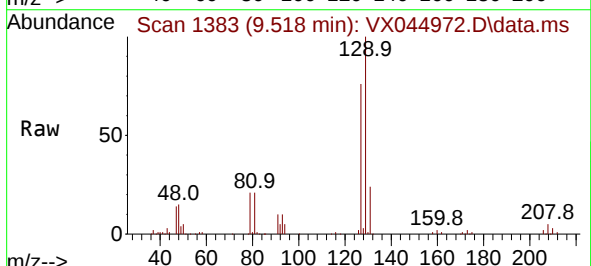
Acq: 14 Feb 2025 19:20

Tgt Ion: 129 Resp: 67902

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.3

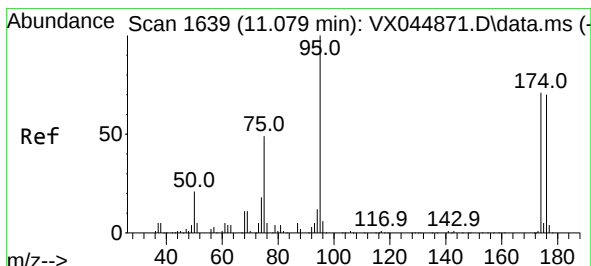
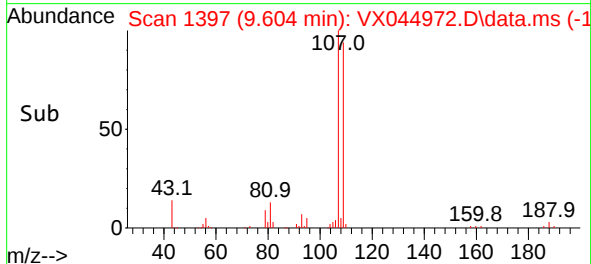
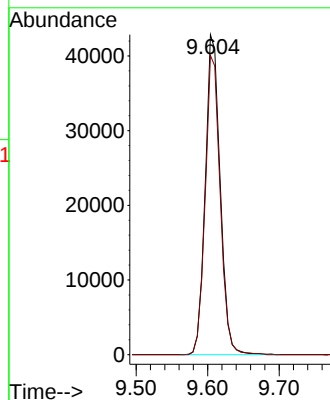
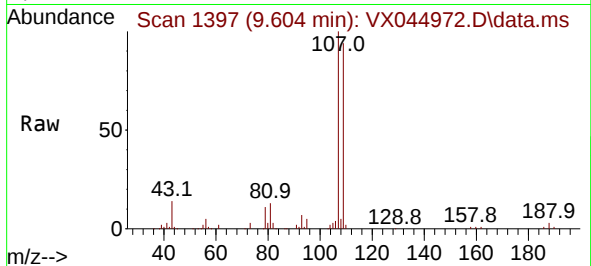




#61
1,2-Dibromoethane
Concen: 50.131 ug/l
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

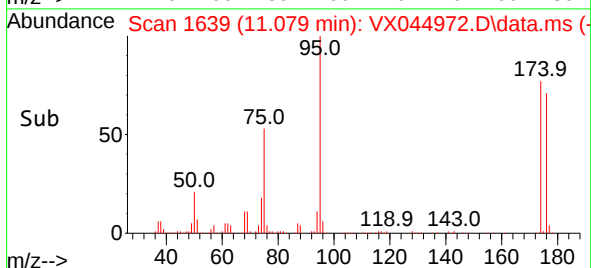
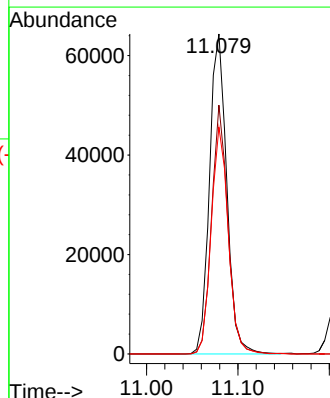
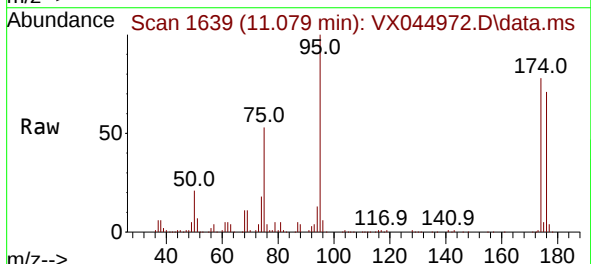
Instrument :
MSVOA_X
ClientSampleId :

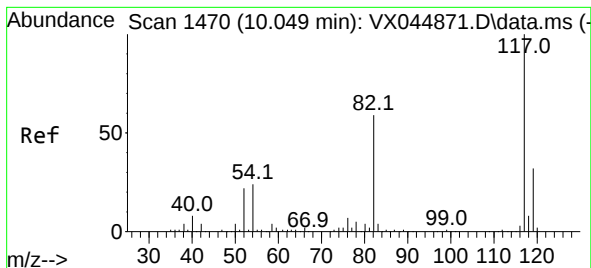
Tgt Ion:107 Resp: 62076
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 95 Resp: 84062
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 70.2 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

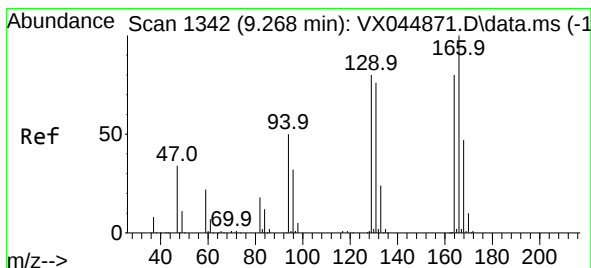
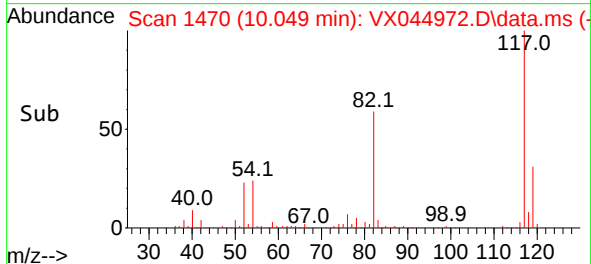
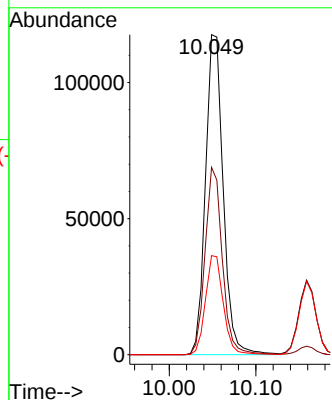
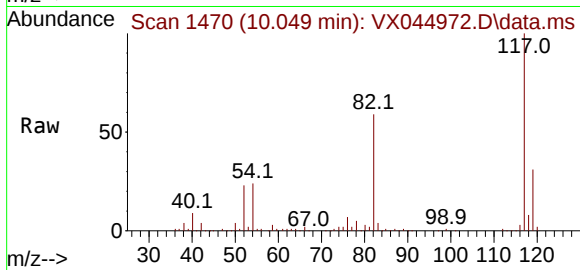
Tgt Ion:117 Resp: 167355

Ion Ratio Lower Upper

117 100

82 58.6 47.5 71.3

119 30.9 25.4 38.0



#64

Tetrachloroethene

Concen: 47.823 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Tgt Ion:164 Resp: 50473

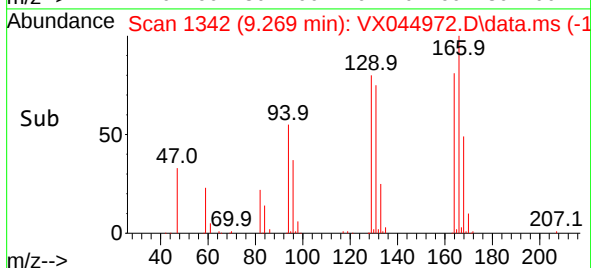
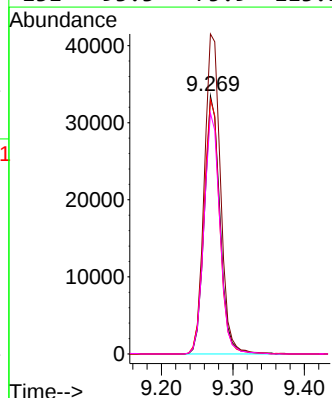
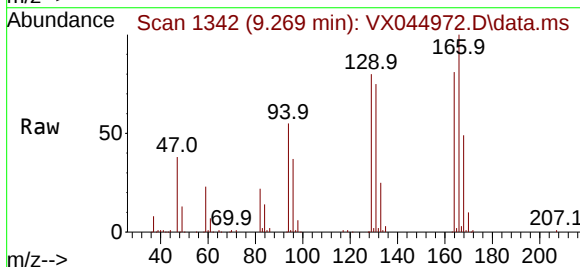
Ion Ratio Lower Upper

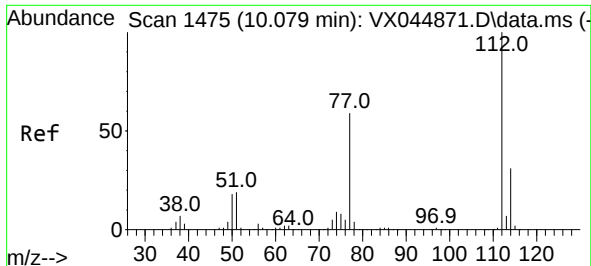
164 100

166 124.0 100.4 150.6

129 98.6 79.9 119.9

131 93.3 75.9 113.9





#65

Chlorobenzene

Concen: 46.852 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

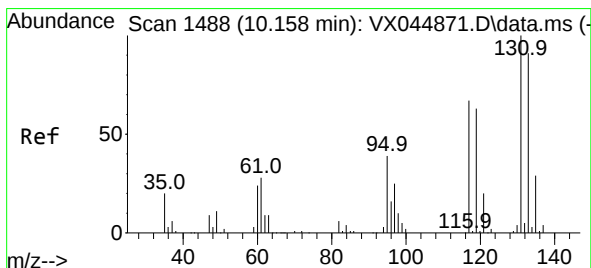
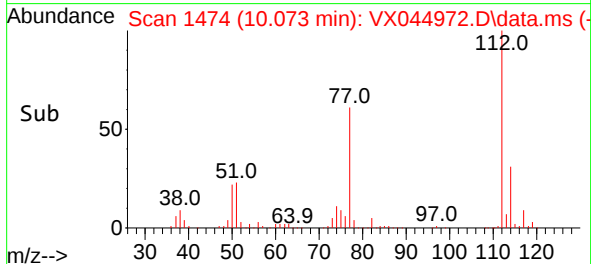
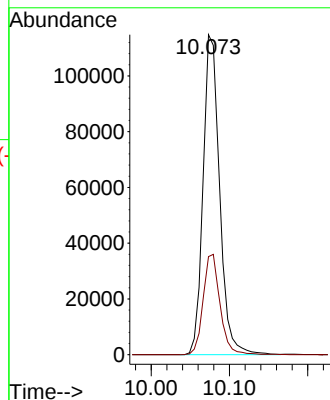
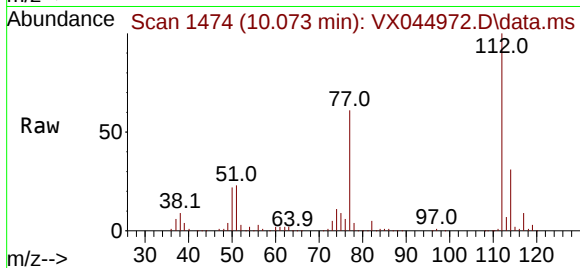
ClientSampleId :

Tgt Ion:112 Resp: 168410

Ion Ratio Lower Upper

112 100

114 30.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 46.680 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

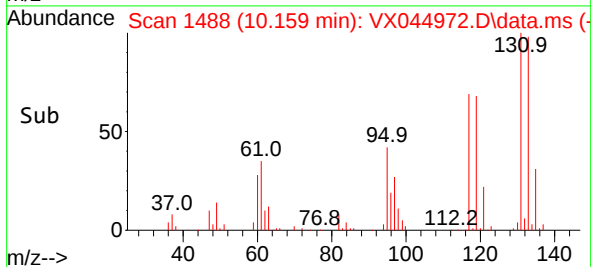
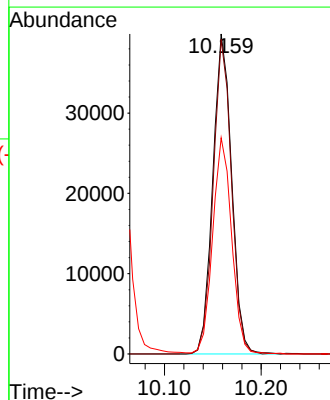
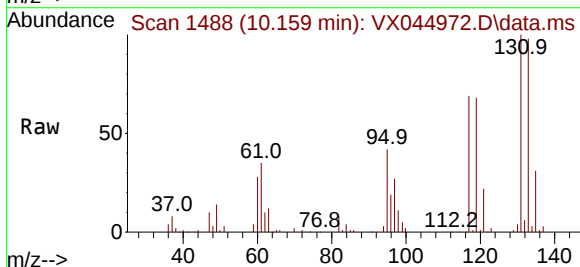
Tgt Ion:131 Resp: 54007

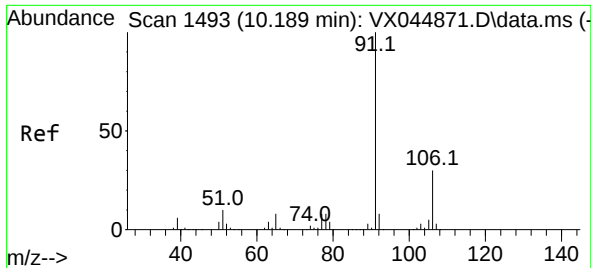
Ion Ratio Lower Upper

131 100

133 95.0 47.1 141.3

119 68.2 33.6 100.6





#67

Ethyl Benzene

Concen: 47.170 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

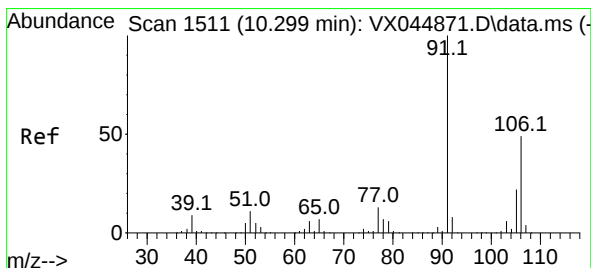
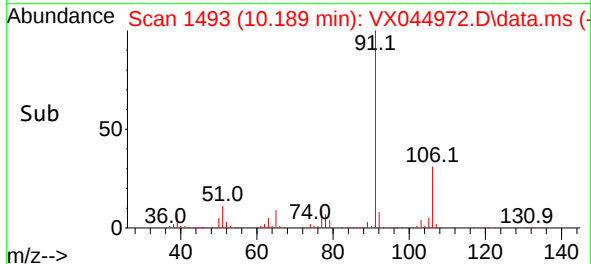
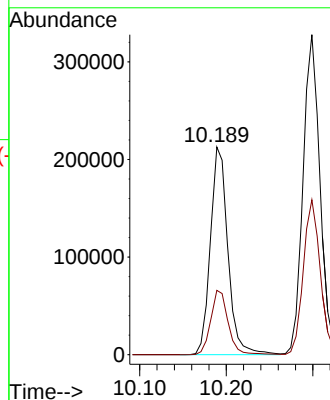
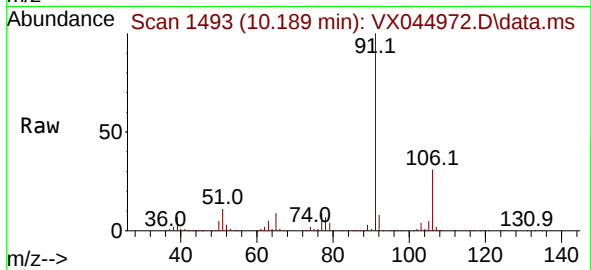
ClientSampleId :

Tgt Ion: 91 Resp: 299209

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 94.099 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044972.D

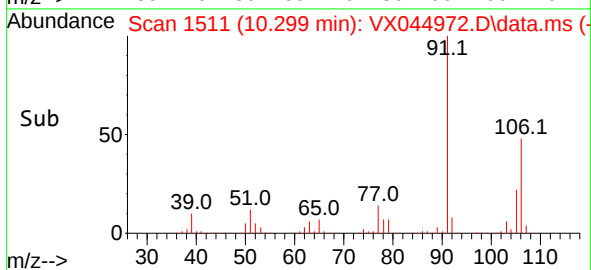
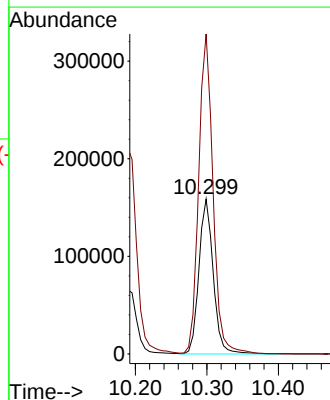
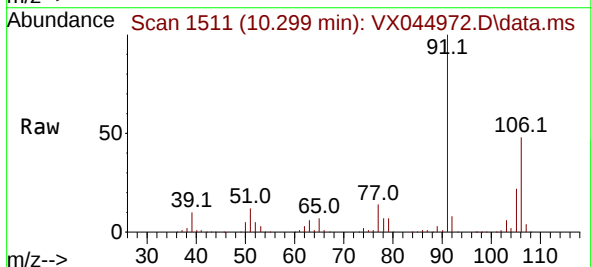
Acq: 14 Feb 2025 19:20

Tgt Ion:106 Resp: 220184

Ion Ratio Lower Upper

106 100

91 206.9 164.3 246.5

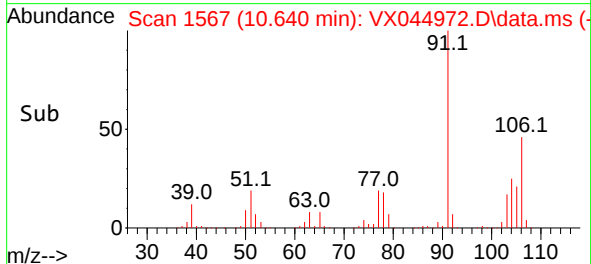
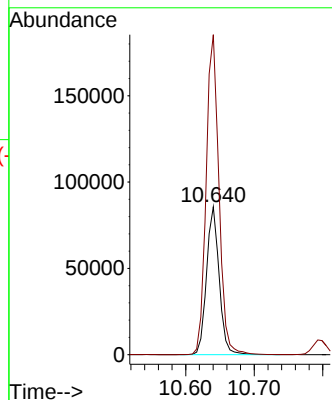
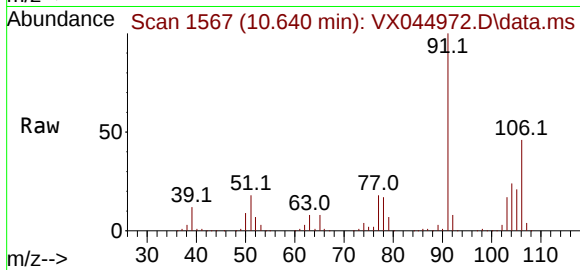




#69
o-Xylene
Concen: 46.891 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

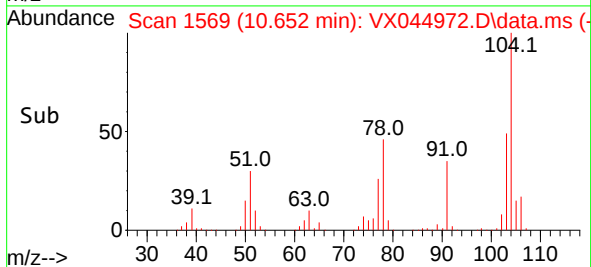
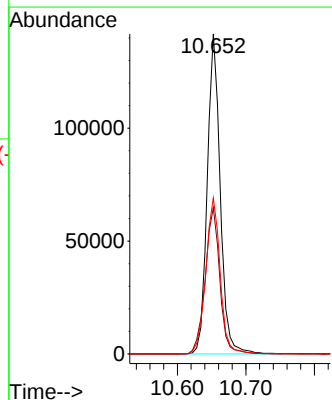
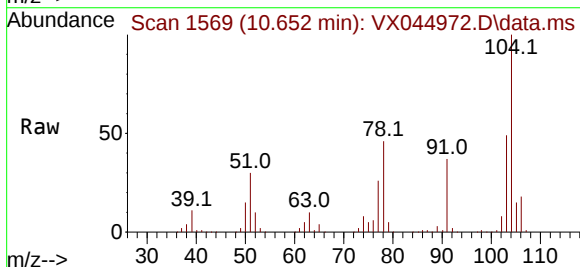
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 110095
Ion Ratio Lower Upper
106 100
91 219.5 108.5 325.5



#70
Styrene
Concen: 49.456 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion:104 Resp: 187077
Ion Ratio Lower Upper
104 100
78 51.5 40.5 60.7
103 54.3 43.6 65.4





#71

Bromoform

Concen: 49.921 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044972.D

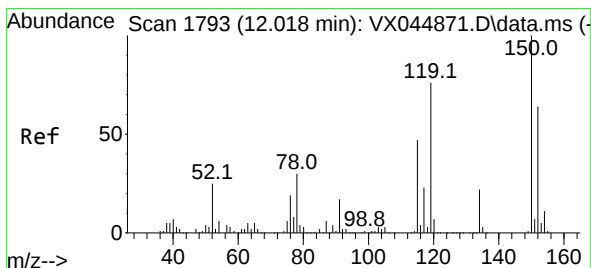
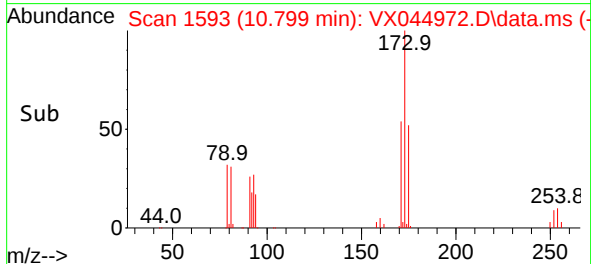
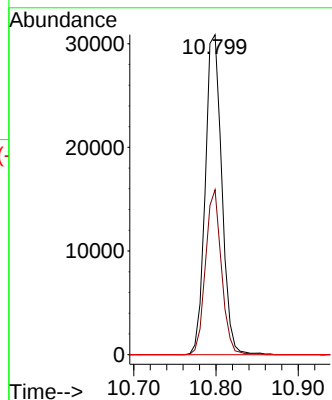
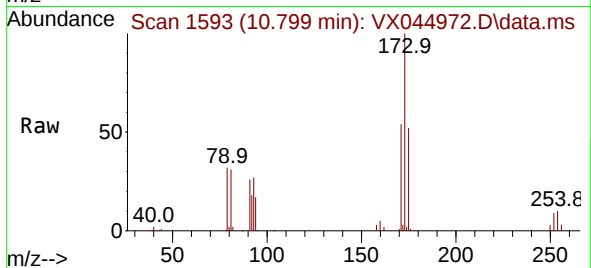
Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	43104
Ion Ratio	Lower	Upper
173	100	
175	49.8	24.3 72.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

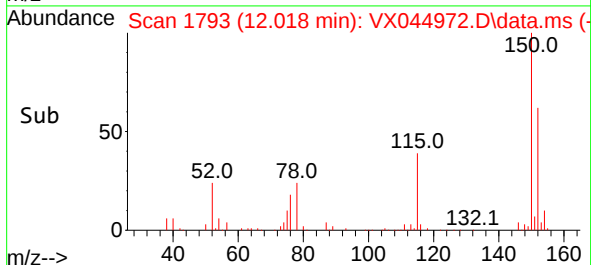
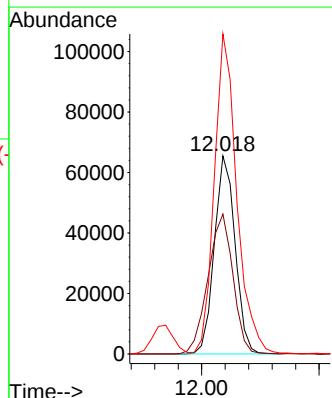
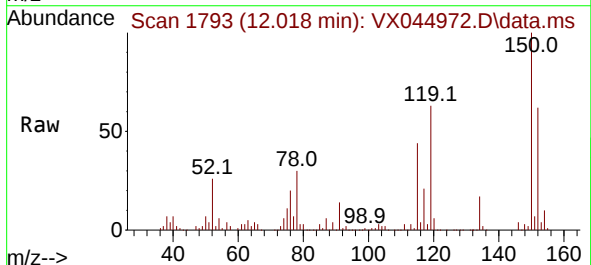
RT: 12.018 min Scan# 1793

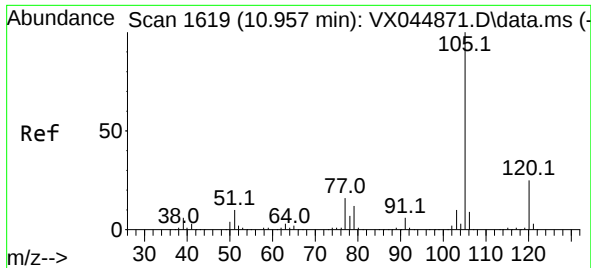
Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Tgt Ion:152	Resp:	80350
Ion Ratio	Lower	Upper
152	100	
115	84.8	43.4 130.1
150	174.5	0.0 350.4

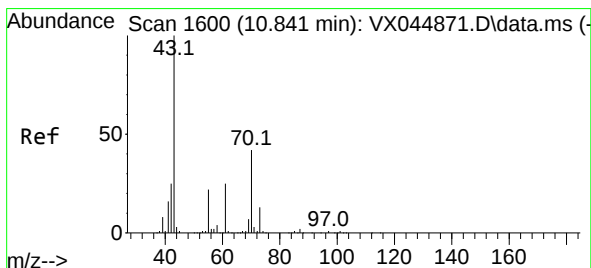
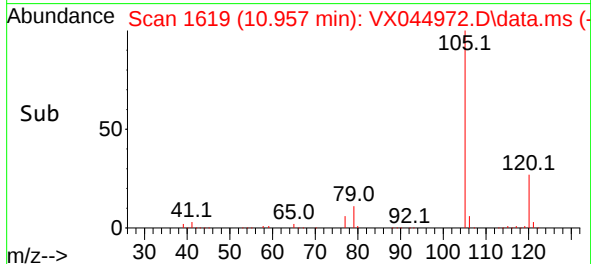
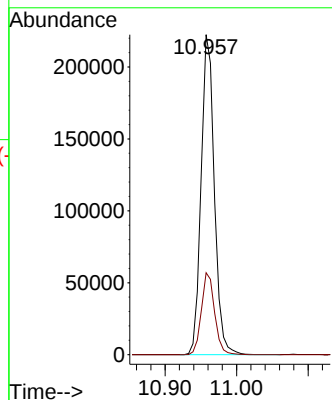
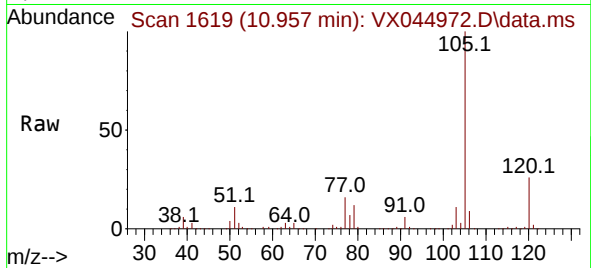




#73
Isopropylbenzene
Concen: 44.145 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

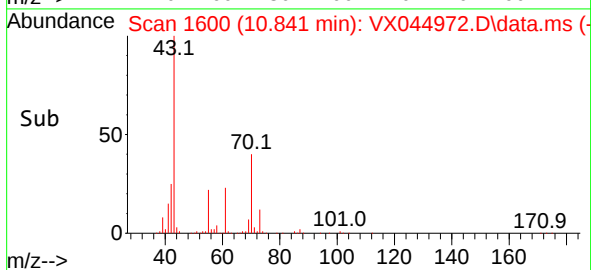
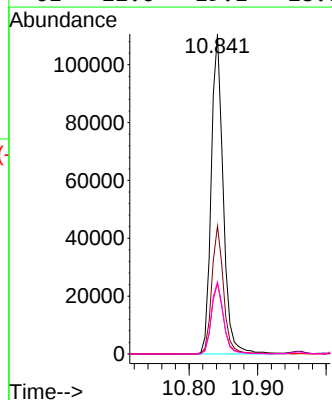
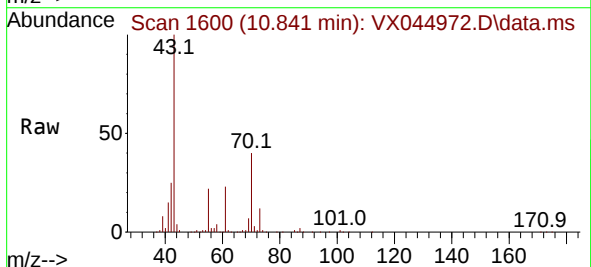
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 285604
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 45.980 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 43 Resp: 134612
Ion Ratio Lower Upper
43 100
70 39.4 33.7 50.5
55 22.5 18.6 27.8
61 22.6 19.1 28.7

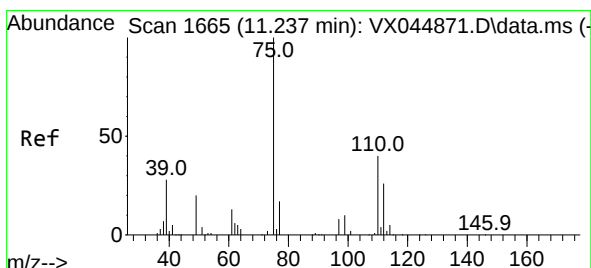
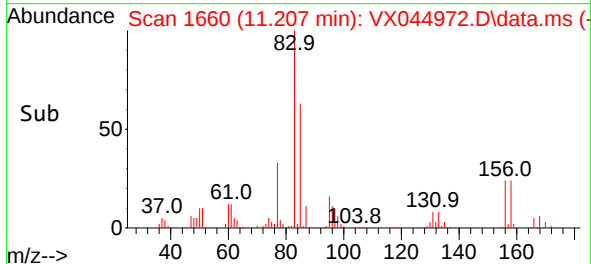
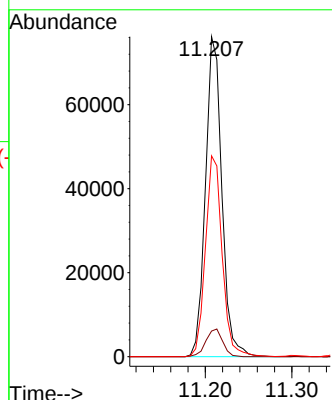
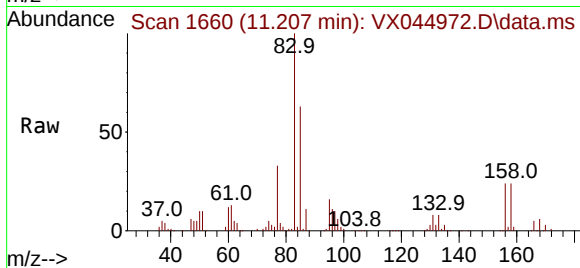




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.030 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

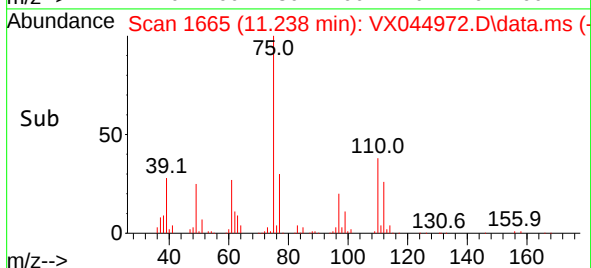
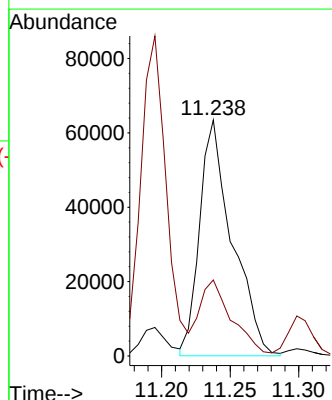
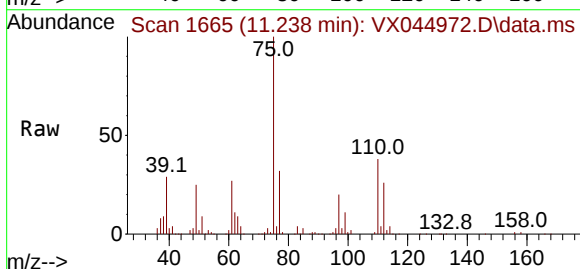
Instrument :
 MSVOA_X
 ClientSampleId :

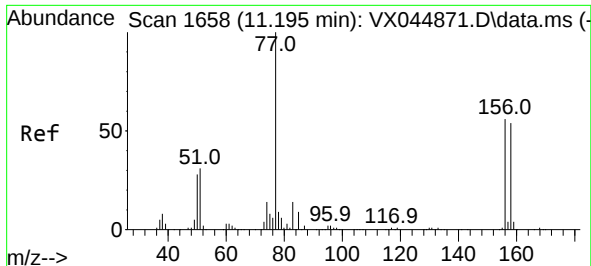
Tgt Ion: 83 Resp: 100110
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.5 13.5
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 59.091 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Tgt Ion: 75 Resp: 105270
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.9 65.7

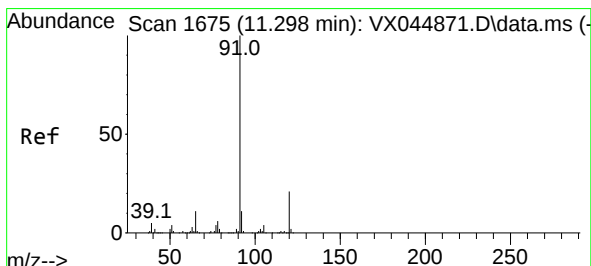
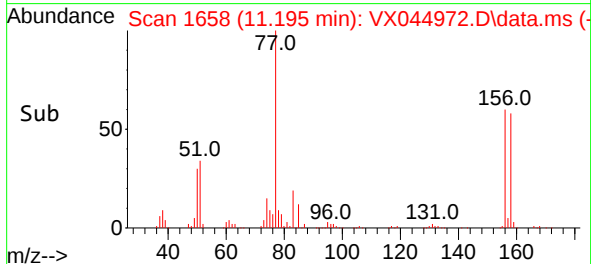
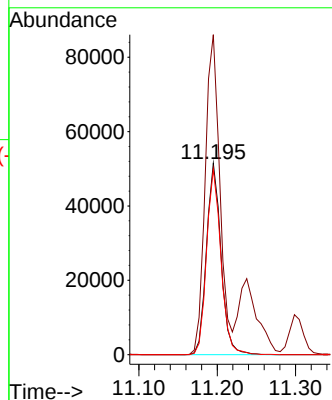
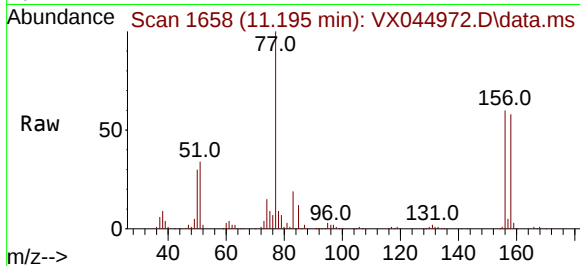




#77
Bromobenzene
Concen: 45.165 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

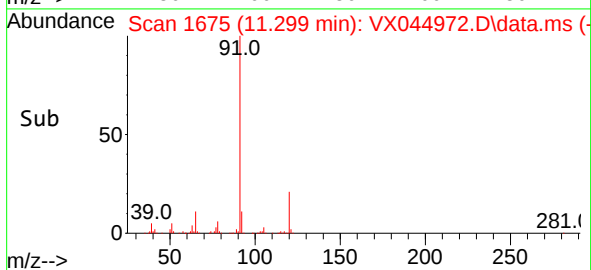
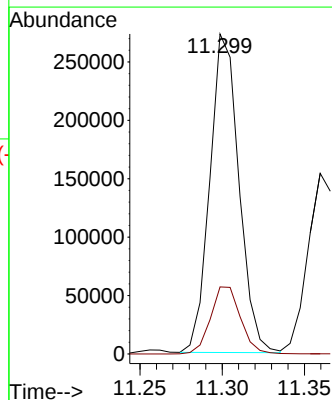
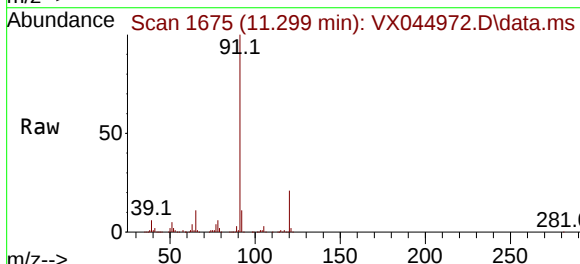
Instrument :
MSVOA_X
ClientSampleId :

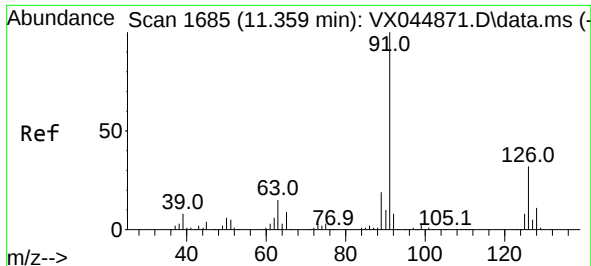
Tgt Ion:156 Resp: 66247
Ion Ratio Lower Upper
156 100
77 169.2 88.4 265.3
158 96.2 48.4 145.2



#78
n-propylbenzene
Concen: 44.954 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 91 Resp: 335698
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





#79

2-Chlorotoluene

Concen: 43.818 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

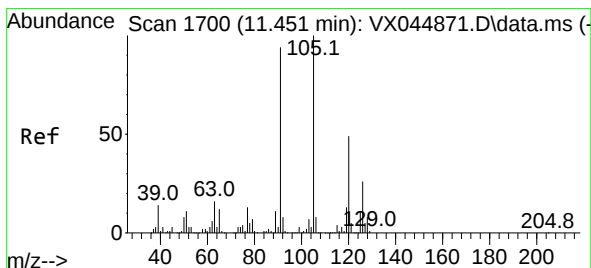
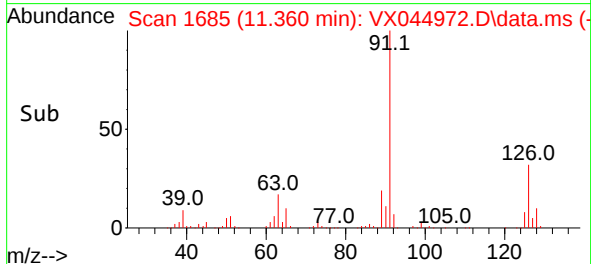
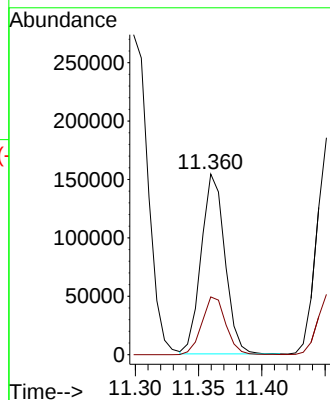
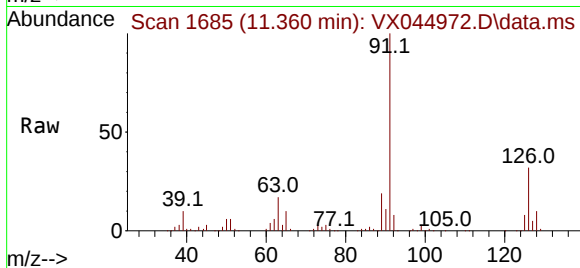
ClientSampleId :

Tgt Ion: 91 Resp: 201102

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 44.527 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044972.D

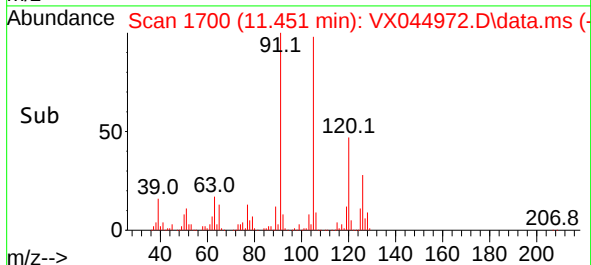
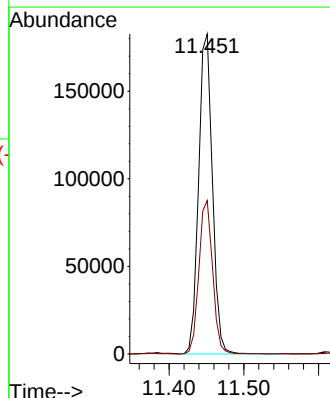
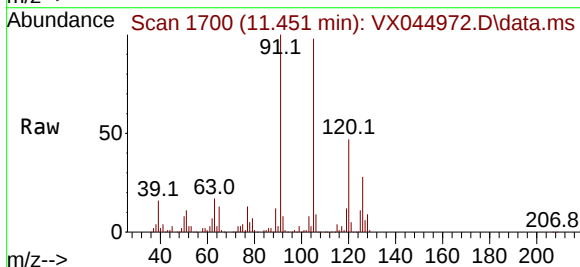
Acq: 14 Feb 2025 19:20

Tgt Ion: 105 Resp: 233774

Ion Ratio Lower Upper

105 100

120 47.7 24.0 72.0

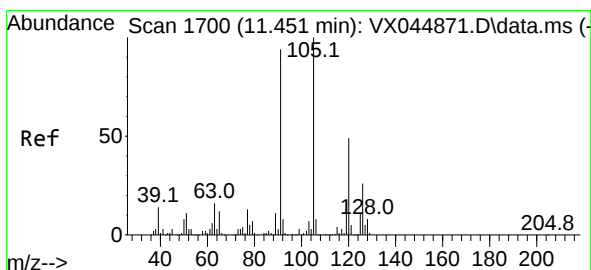
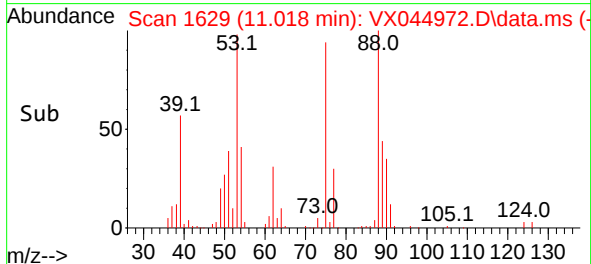
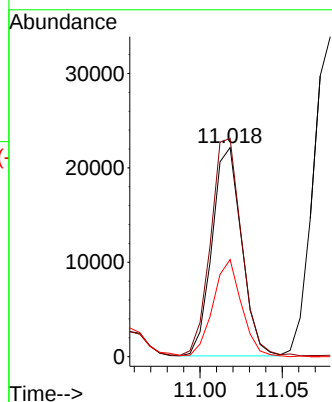
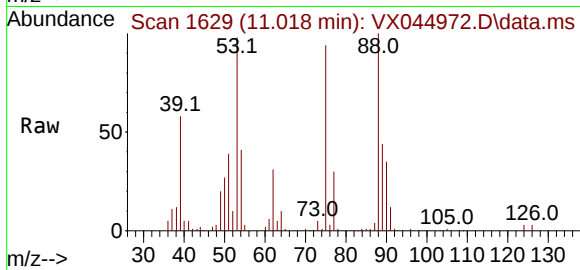




#81
trans-1,4-Dichloro-2-butene
Concen: 39.902 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

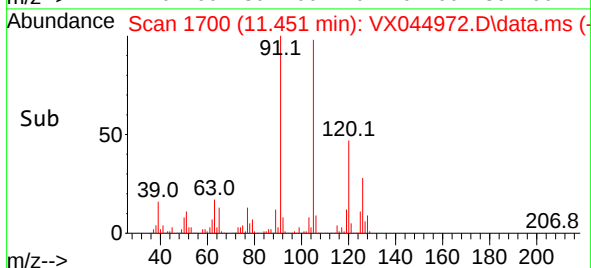
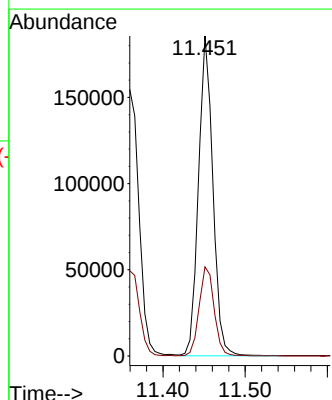
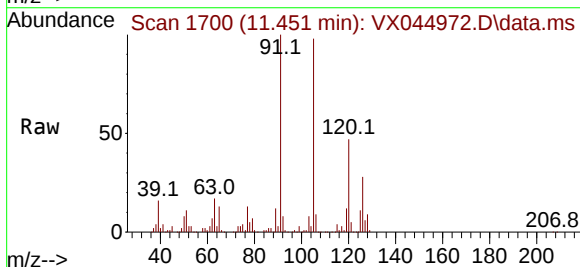
Instrument :
MSVOA_X
ClientSampleId :

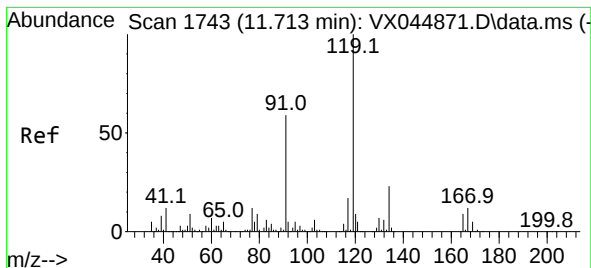
Tgt Ion: 75 Resp: 27634
Ion Ratio Lower Upper
75 100
53 108.7 78.0 117.0
89 45.2 36.6 54.8



#82
4-Chlorotoluene
Concen: 44.319 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 91 Resp: 225029
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 44.718 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

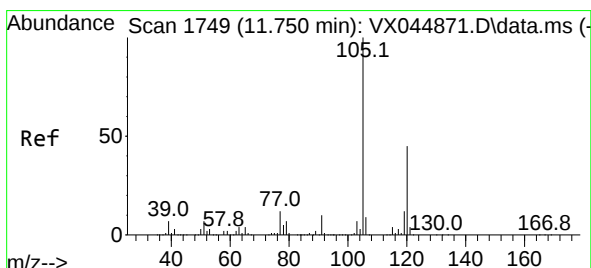
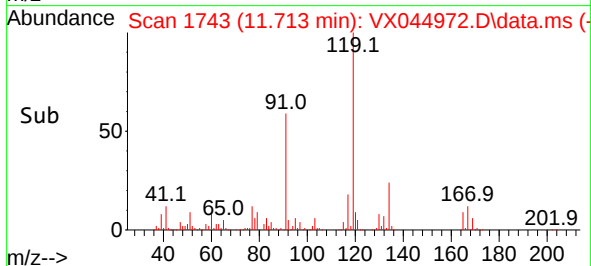
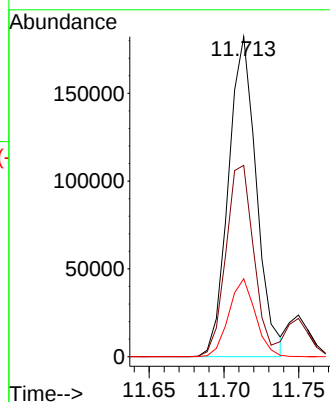
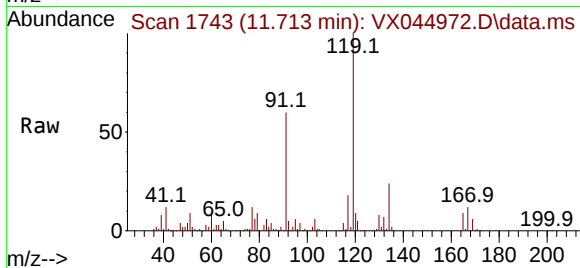
Tgt Ion:119 Resp: 237506

Ion Ratio Lower Upper

119 100

91 59.3 29.1 87.4

134 23.1 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 46.039 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044972.D

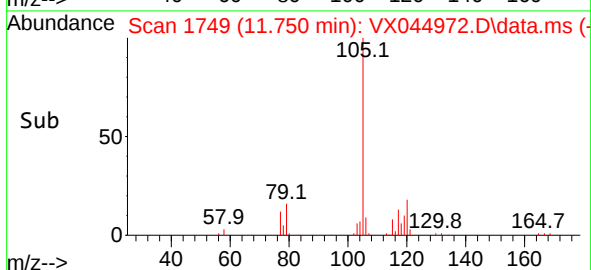
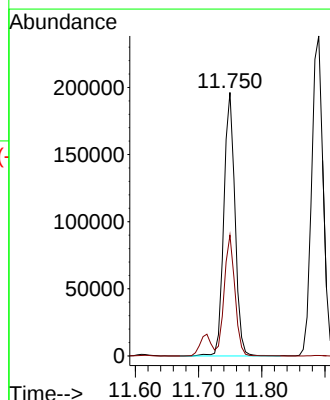
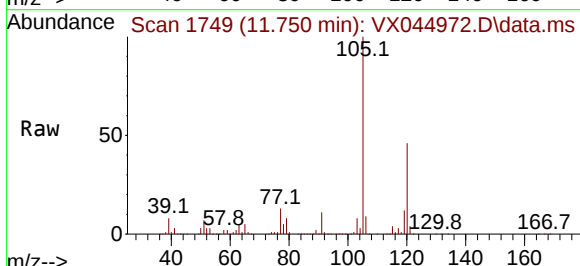
Acq: 14 Feb 2025 19:20

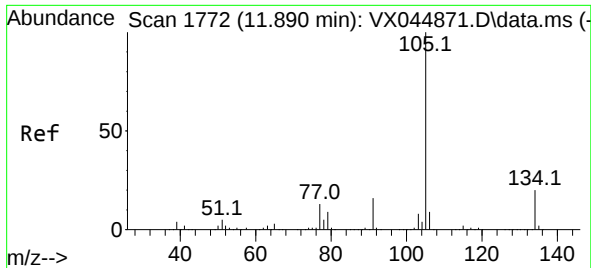
Tgt Ion:105 Resp: 238569

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.0

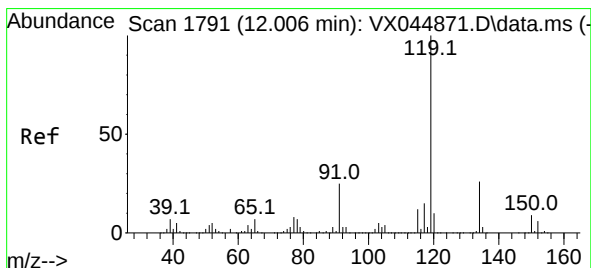
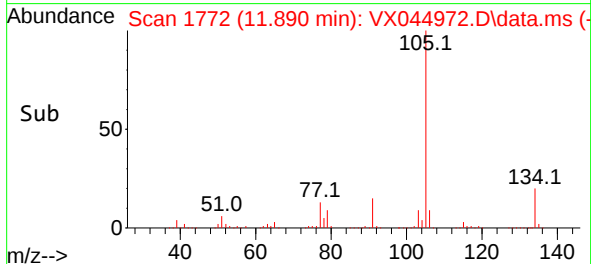
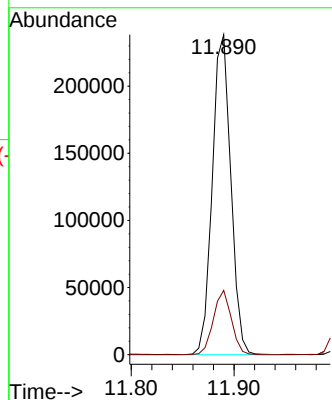
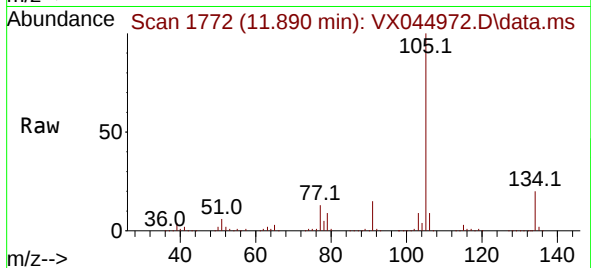




#85
 sec-Butylbenzene
 Concen: 45.407 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

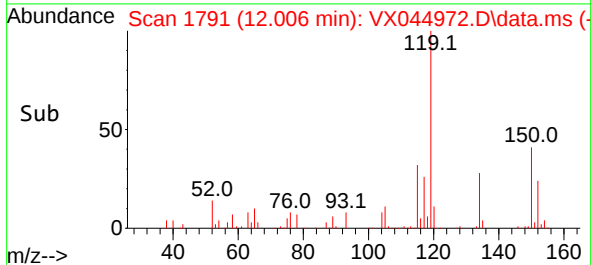
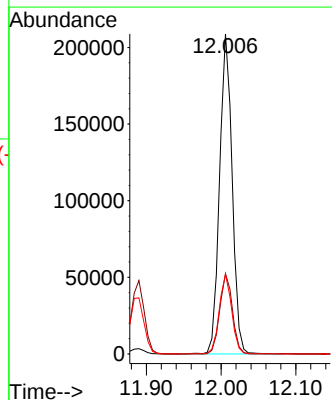
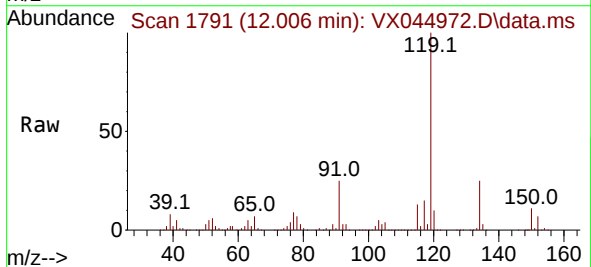
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 298634
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.276 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Tgt Ion:119 Resp: 244755
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 38.9
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 45.426 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

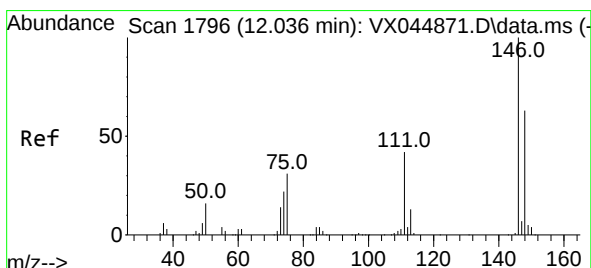
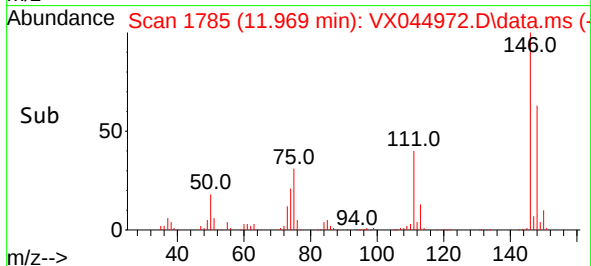
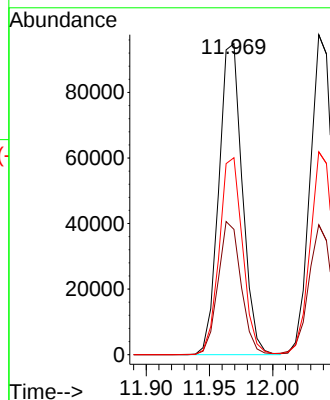
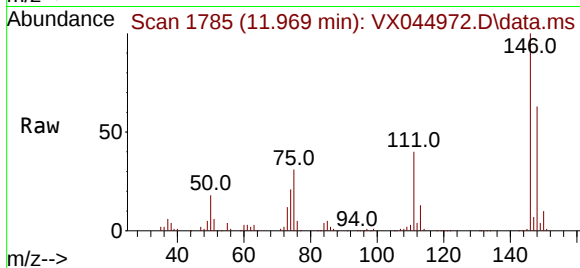
Tgt Ion:146 Resp: 122530

Ion Ratio Lower Upper

146 100

111 41.9 21.2 63.6

148 62.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 44.974 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

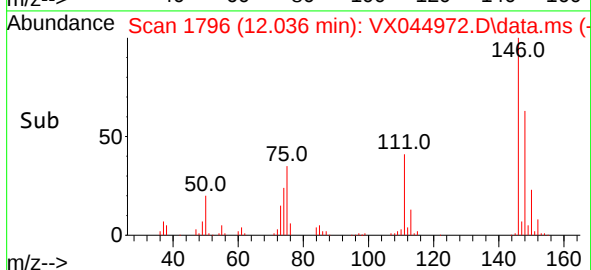
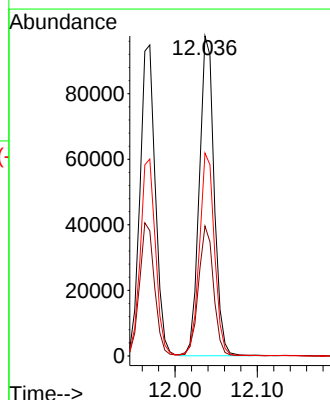
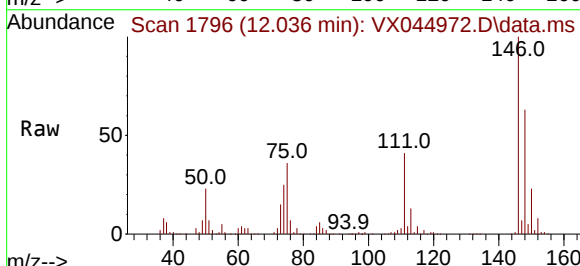
Tgt Ion:146 Resp: 122654

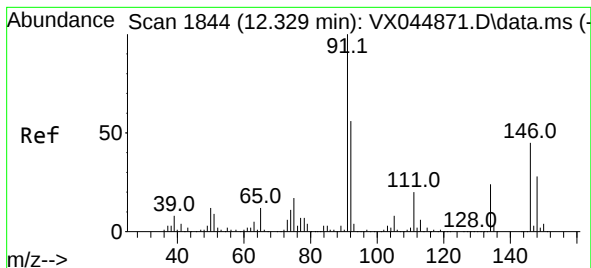
Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 48.636 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

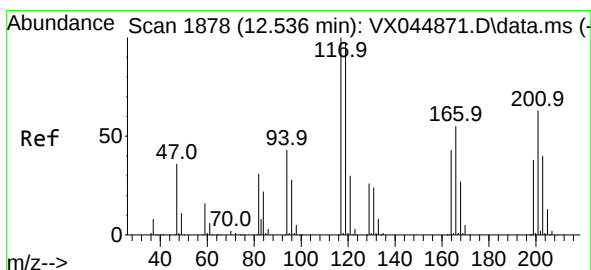
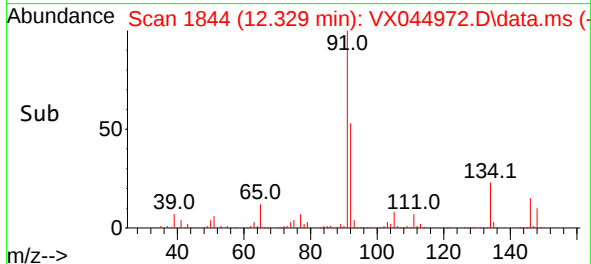
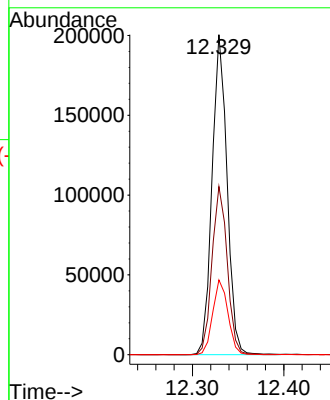
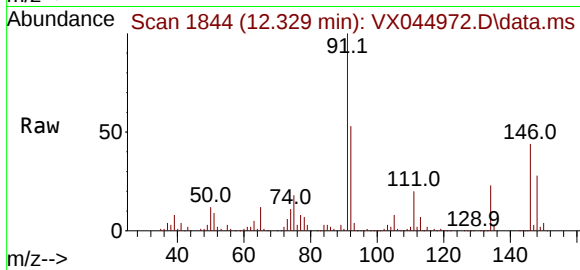
Tgt Ion: 91 Resp: 227577

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

134 23.8 12.1 36.3



#90

Hexachloroethane

Concen: 43.159 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044972.D

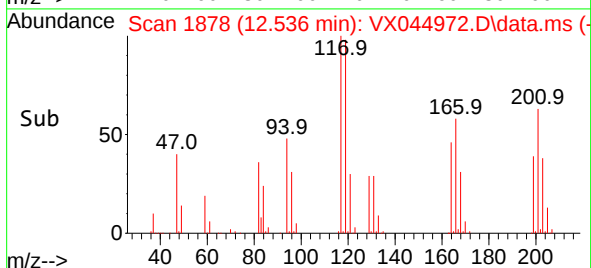
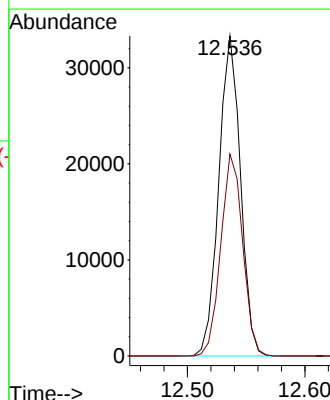
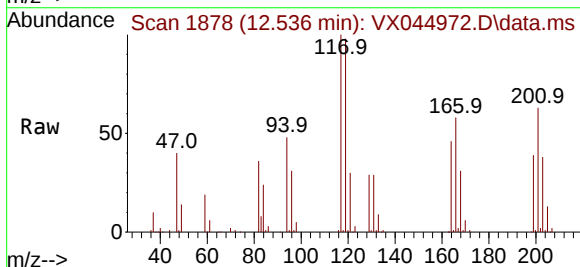
Acq: 14 Feb 2025 19:20

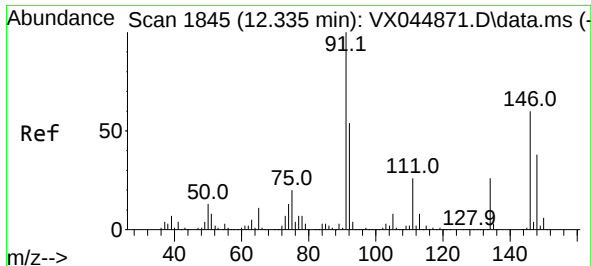
Tgt Ion: 117 Resp: 42742

Ion Ratio Lower Upper

117 100

201 63.7 32.5 97.5

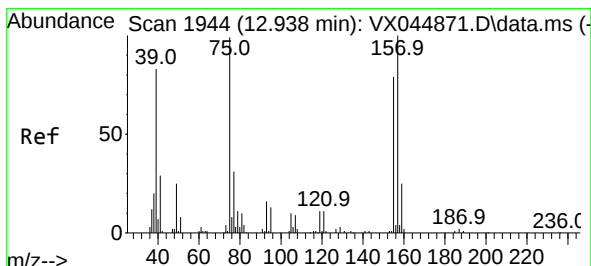
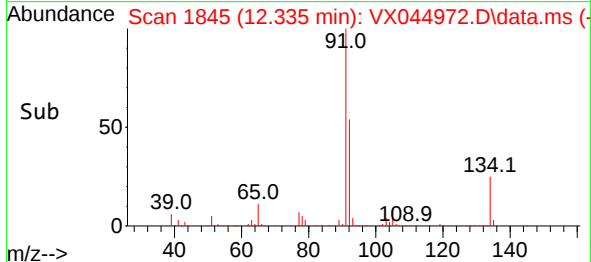
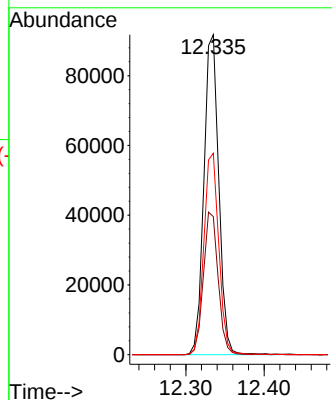
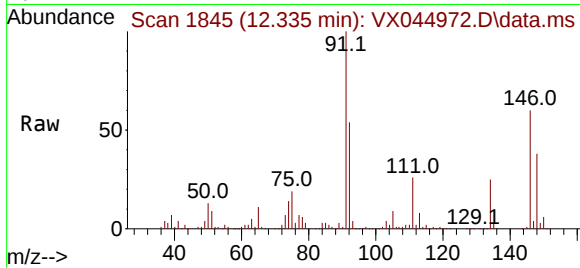




#91
 1,2-Dichlorobenzene
 Concen: 45.561 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

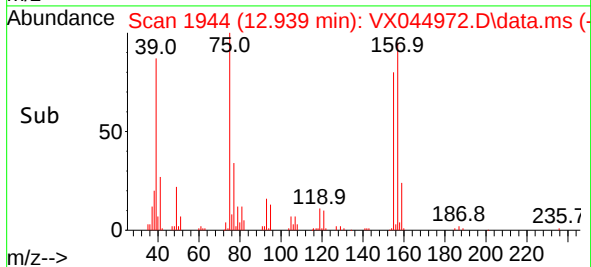
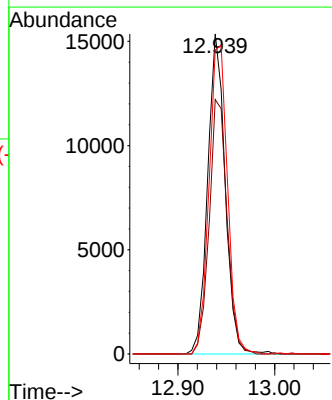
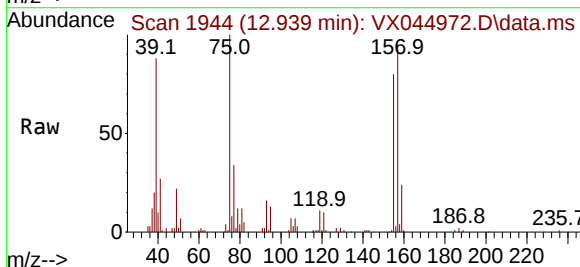
Instrument :
 MSVOA_X
 ClientSampleId :

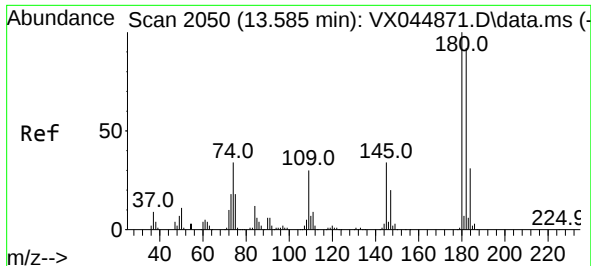
Tgt Ion:146 Resp: 120780
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.8 65.4
 148 63.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.625 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Tgt Ion: 75 Resp: 19324
 Ion Ratio Lower Upper
 75 100
 155 81.3 40.5 121.4
 157 102.1 51.4 154.3

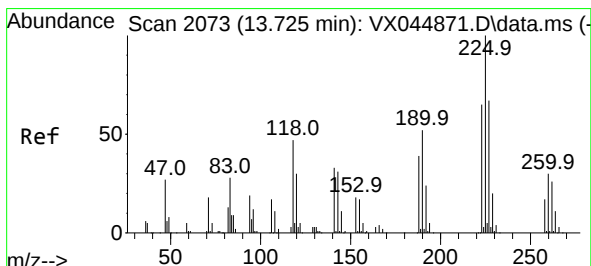
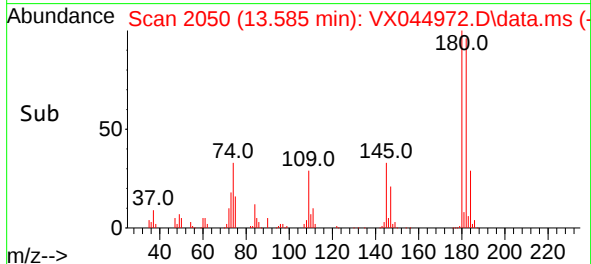
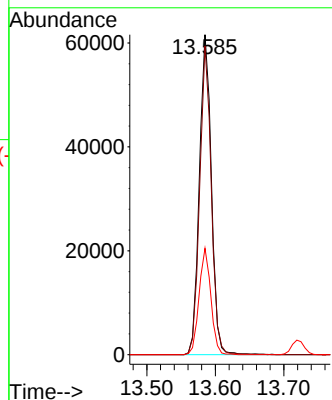
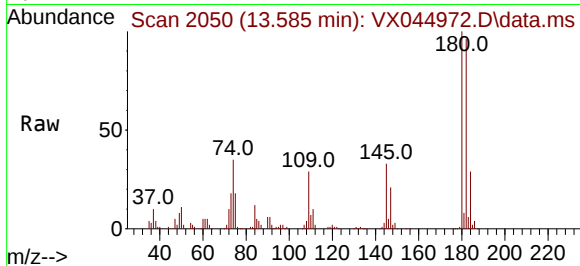




#93
1,2,4-Trichlorobenzene
Concen: 46.916 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

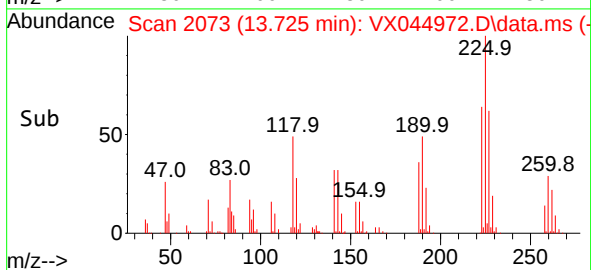
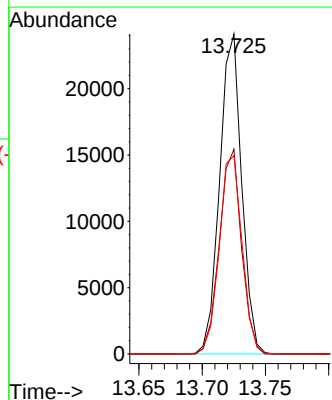
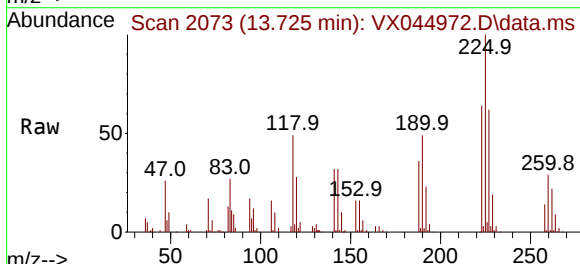
Instrument :
MSVOA_X
ClientSampleId :

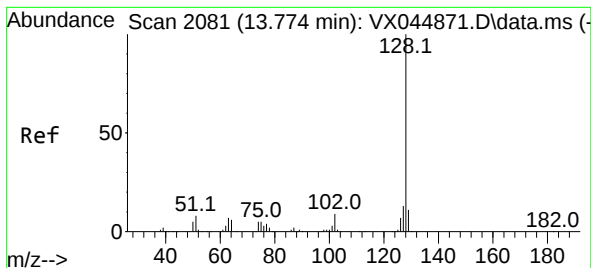
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.6	142.8
145	32.6	16.4	49.1



#94
Hexachlorobutadiene
Concen: 45.821 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.2
227	64.1	32.3	96.8





#95

Naphthalene

Concen: 46.398 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

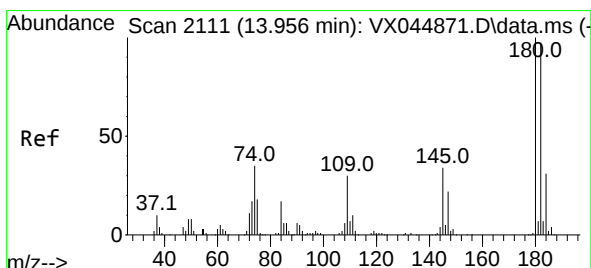
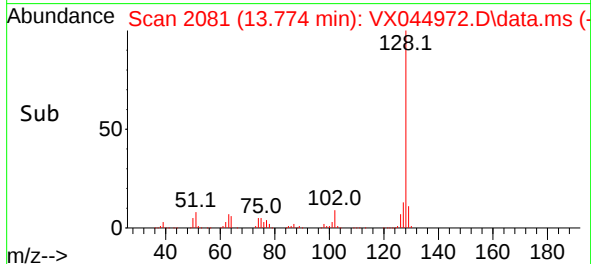
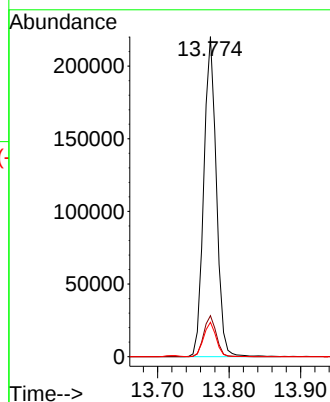
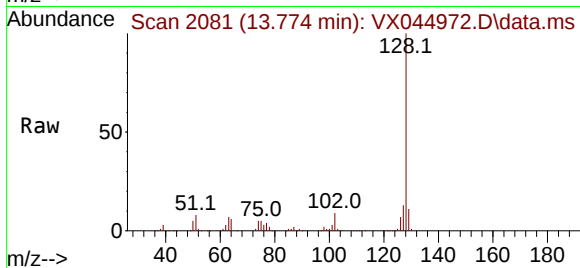
Tgt Ion:128 Resp: 269046

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.987 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Tgt Ion:180 Resp: 72716

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.6

145 34.8 17.1 51.3

