

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044673.D
 Acq On : 16 Jan 2025 16:04
 Operator :
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:32:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	31760	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	167169	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	151265	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	87326	28.481	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.933%
60) 4-Bromofluorobenzene	11.079	95	90245	30.716	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.400%
63) Toluene-d8	8.641	98	246039	29.905	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54938	19.455	ug/l	99
3) Chloromethane	1.295	50	58491	19.691	ug/l	97
4) Vinyl Chloride	1.374	62	52662	18.120	ug/l	97
5) Bromomethane	1.593	94	11699	16.655	ug/l	94
6) Chloroethane	1.673	64	26846	58.257	ug/l #	86
7) Trichlorofluoromethane	1.868	101	61263	19.248	ug/l	100
8) Diethyl Ether	2.130	74	18053	14.703	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	45075	19.767	ug/l	98
10) 1,1-Dichloroethene	2.307	96	43032	18.344	ug/l	91
11) Methyl Iodide	2.441	142	52153	16.043	ug/l	96
12) Methyl Acetate	2.697	43	66160	19.318	ug/l	96
13) Acrolein	2.233	56	26525	70.033	ug/l	100
14) Acrylonitrile	3.056	53	123322	98.817	ug/l	99
15) Acetone	2.380	58	32395	96.738	ug/l	100
16) Carbon Disulfide	2.502	76	123419	18.931	ug/l	100
17) Allyl chloride	2.654	41	81756	19.325	ug/l	99
18) Methylene Chloride	2.782	84	50990	19.422	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	44821	19.215	ug/l	93
20) Diisopropyl ether	3.751	45	151426	19.720	ug/l	97
21) 1,1-Dichloroethane	3.599	63	85409	18.750	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	54606	18.914	ug/l	98
23) tert-Butyl Alcohol	2.971	59	35627	59.023	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	157454	19.371	ug/l	99
25) Chloroform	5.074	83	86312	19.070	ug/l	95
26) Cyclohexane	5.452	56	75485	19.717	ug/l #	97
29) 1,1-Dichloropropene	5.678	75	56865	19.557	ug/l	97
30) 2-Butanone	4.550	43	166438	104.202	ug/l	99
31) 2,2-Dichloropropane	4.459	77	79790	19.830	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	75830	19.679	ug/l	99
33) Carbon Tetrachloride	5.666	117	63715	19.601	ug/l	98
34) Benzene	6.025	78	185995	20.049	ug/l	97
35) Methacrylonitrile	4.904	41	36238	20.300	ug/l	91
36) 1,2-Dichloroethane	6.080	62	65030	19.606	ug/l	99
37) Trichloroethene	7.117	130	43568	19.452	ug/l	91
38) Methylcyclohexane	7.367	83	82064	20.772	ug/l	97
39) 1,2-Dichloropropane	7.421	63	45783	19.791	ug/l	98
40) Dibromomethane	7.574	93	33957	19.744	ug/l	99
41) Bromodichloromethane	7.812	83	68866	19.393	ug/l	99
42) Vinyl Acetate	3.709	43	667881	105.289	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:32:17 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
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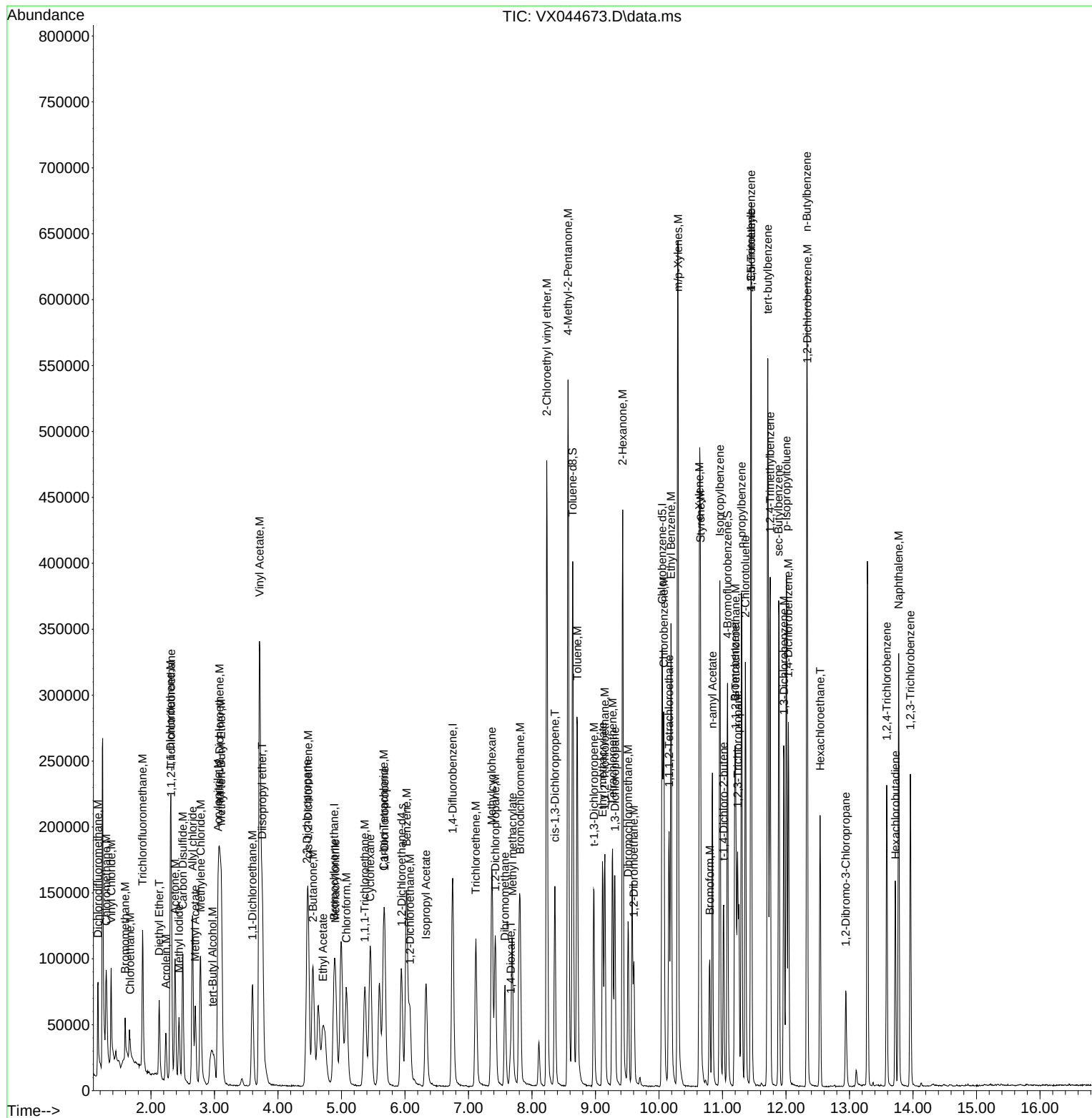
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	67755	21.625	ug/l #	94
44) Isopropyl Acetate	6.330	43	114877	20.408	ug/l	100
45) 1,4-Dioxane	7.665	88	20037	373.825	ug/l	99
46) Methyl methacrylate	7.690	41	55463	20.130	ug/l	97
47) n-amyl Acetate	10.842	43	101504	21.487	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	74474	19.869	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	79790	19.852	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	45852	20.701	ug/l	97
51) Ethyl methacrylate	9.110	69	80926	21.032	ug/l	98
52) 1,3-Dichloropropane	9.305	76	78523	20.497	ug/l	97
53) Dibromochloromethane	9.513	129	52358	19.782	ug/l	96
54) 1,2-Dibromoethane	9.604	107	47675	20.361	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	195017	104.455	ug/l	99
56) Bromoform	10.799	173	35719	20.352	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	333561	104.616	ug/l	100
59) 2-Hexanone	9.427	43	245886	105.337	ug/l	99
61) Tetrachloroethene	9.269	164	35722	19.687	ug/l	97
62) Toluene	8.714	91	196058	19.684	ug/l	99
64) Chlorobenzene	10.073	112	121910	19.708	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	43600	19.621	ug/l	98
66) Ethyl Benzene	10.189	91	215205	19.798	ug/l	99
67) m/p-Xylenes	10.299	106	162129	40.577	ug/l	99
68) o-Xylene	10.634	106	80862	20.164	ug/l	100
69) Styrene	10.653	104	133131	20.220	ug/l	99
70) Isopropylbenzene	10.957	105	203065	20.143	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	70632	20.841	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	83165	29.168	ug/l	86
73) Bromobenzene	11.195	156	46455	19.780	ug/l	99
74) n-propylbenzene	11.299	91	233390	20.382	ug/l	100
75) 2-Chlorotoluene	11.360	91	147629	20.507	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	169063	20.650	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	26136	19.376	ug/l	97
78) 4-Chlorotoluene	11.451	91	160564	20.241	ug/l	99
79) tert-butylbenzene	11.713	119	173889	20.675	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	170127	20.596	ug/l	99
81) sec-Butylbenzene	11.884	105	207829	20.694	ug/l	99
82) p-Isopropyltoluene	12.006	119	170965	20.684	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	84078	20.156	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	84625	20.694	ug/l	98
85) n-Butylbenzene	12.329	91	149438	20.857	ug/l	99
86) Hexachloroethane	12.536	117	35748	19.660	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	85460	20.516	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15332	18.783	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	50951	19.682	ug/l	99
90) Hexachlorobutadiene	13.725	225	19476	19.451	ug/l	98
91) Naphthalene	13.774	128	198384	20.484	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	52269	19.852	ug/l	99

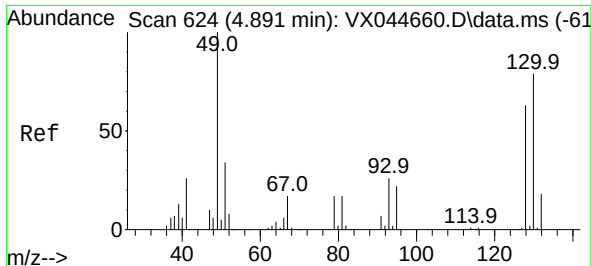
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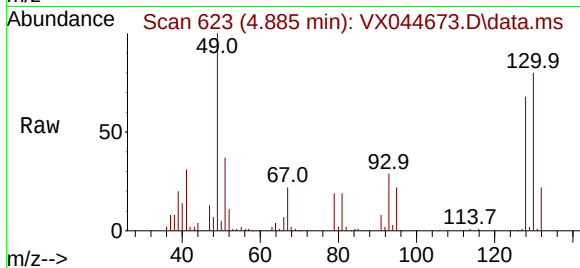
Quant Time: Jan 17 01:32:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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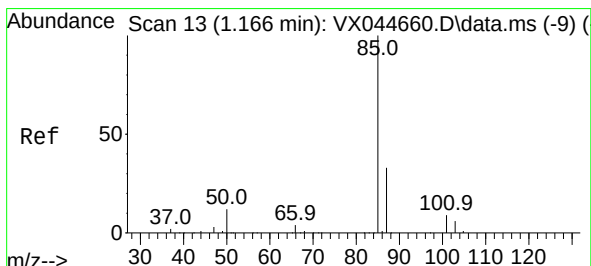
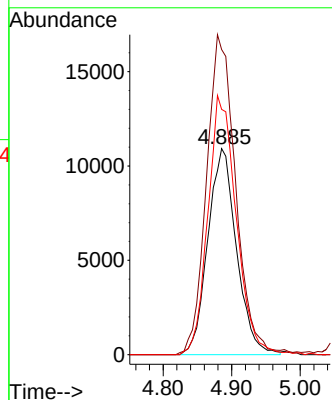
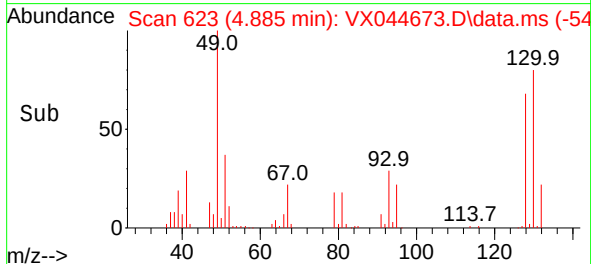


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

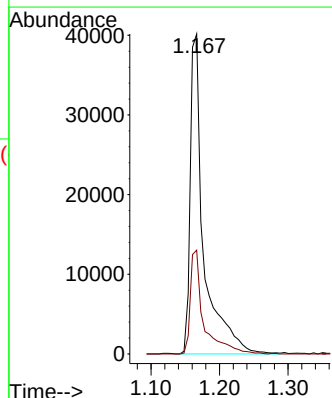
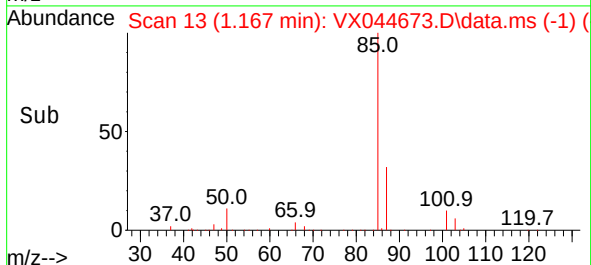
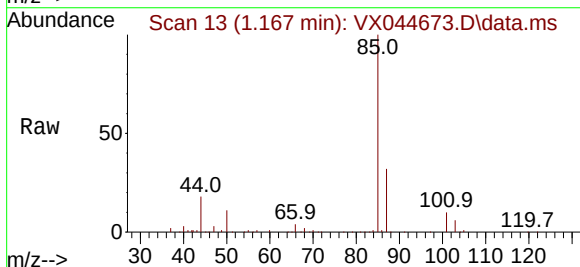


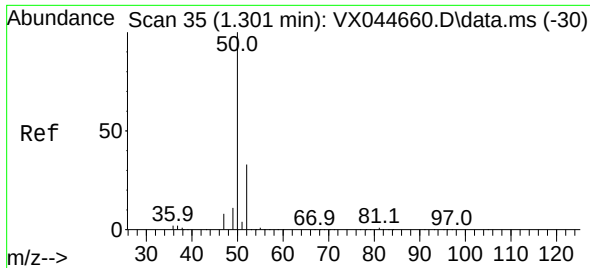
Tgt Ion:128 Resp: 31760
Ion Ratio Lower Upper
128 100
49 157.4 0.0 411.5
130 124.3 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 19.455 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 85 Resp: 54938
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8

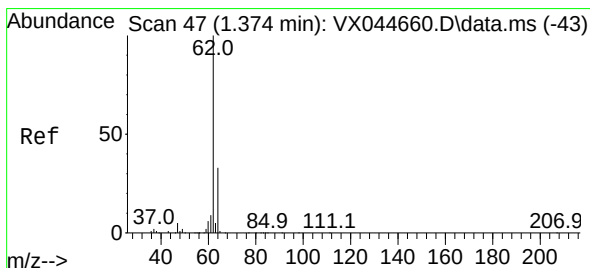
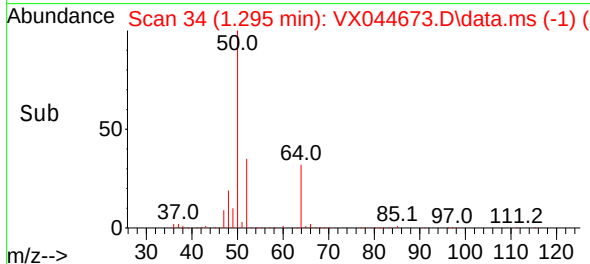
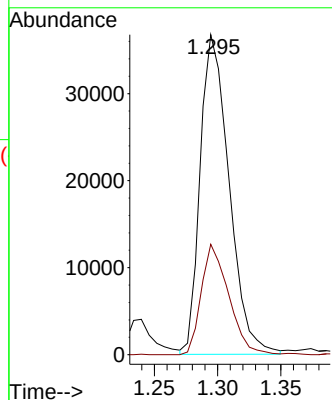
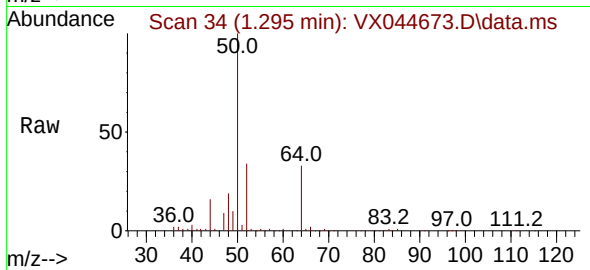




#3
Chloromethane
Concen: 19.691 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

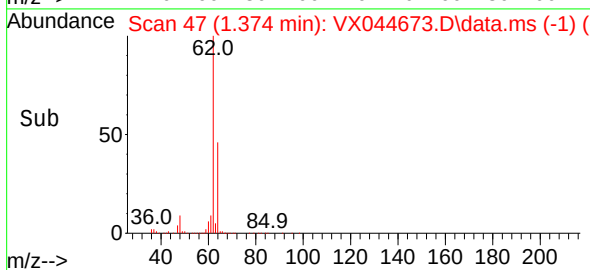
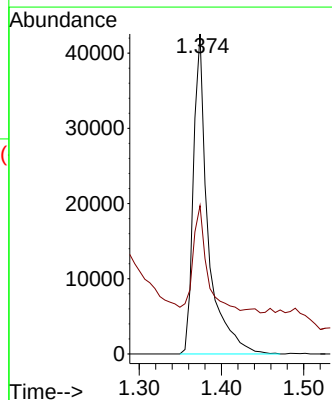
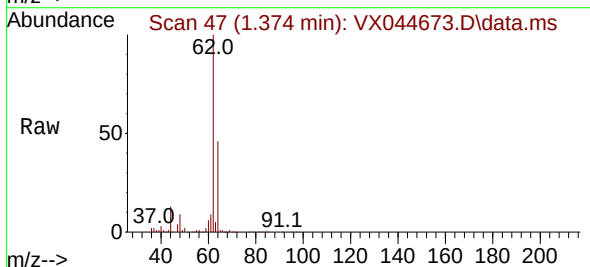
Instrument :
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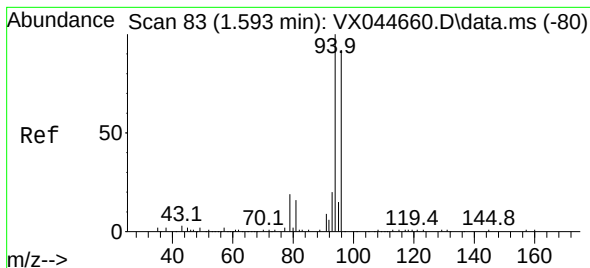
Tgt Ion: 50 Resp: 58491
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7



#4
Vinyl Chloride
Concen: 18.120 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 62 Resp: 52662
Ion Ratio Lower Upper
62 100
64 32.6 27.3 40.9





#5

Bromomethane

Concen: 16.655 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

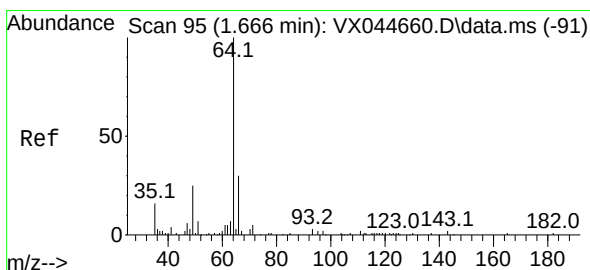
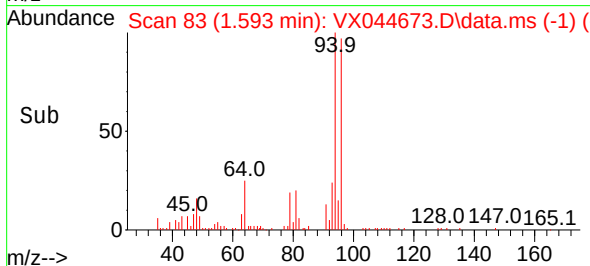
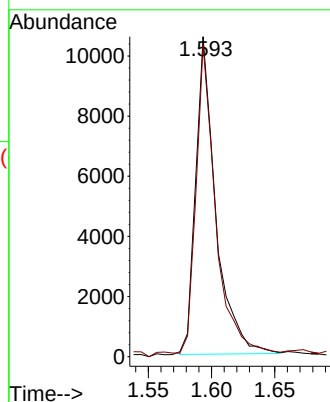
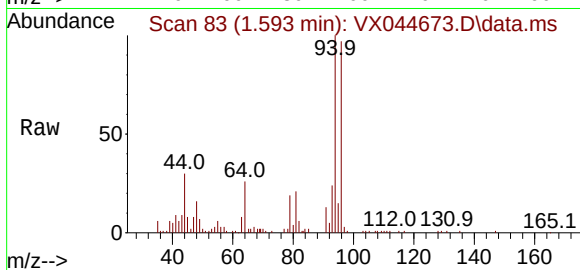
ClientSampleId :

Tgt Ion: 94 Resp: 11699

Ion Ratio Lower Upper

94 100

96 97.5 73.3 109.9



#6

Chloroethane

Concen: 58.257 ug/l

RT: 1.673 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX044673.D

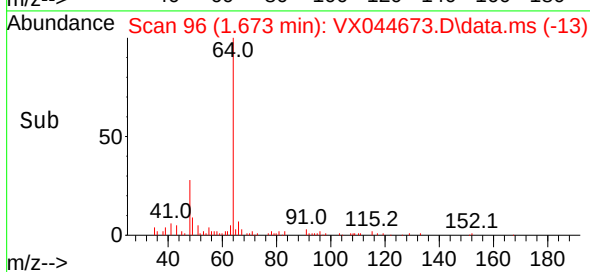
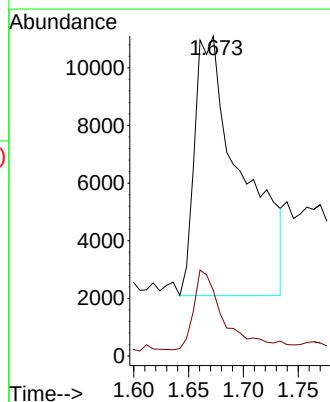
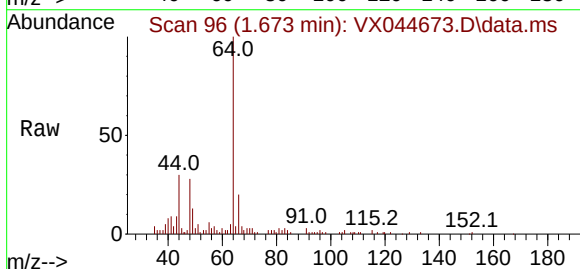
Acq: 16 Jan 2025 16:04

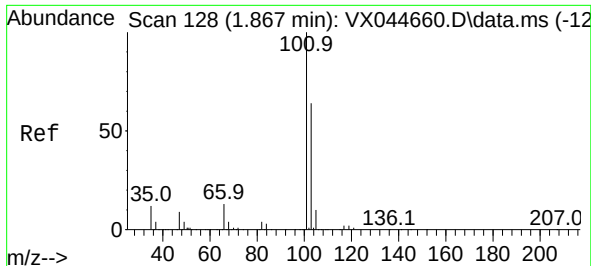
Tgt Ion: 64 Resp: 26846

Ion Ratio Lower Upper

64 100

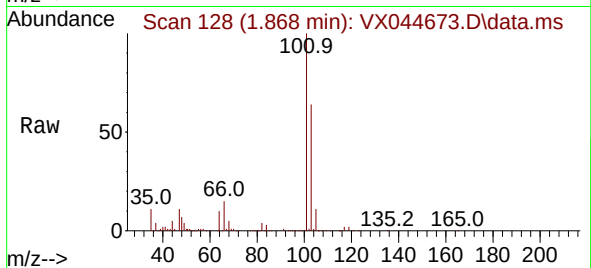
66 22.3 23.8 35.6#



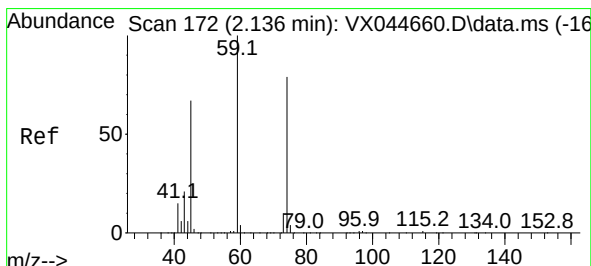
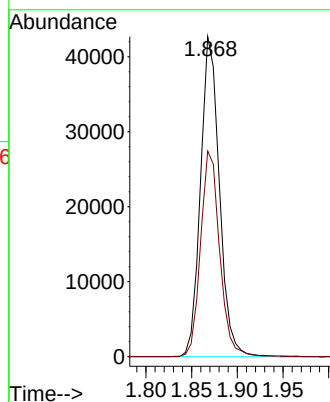
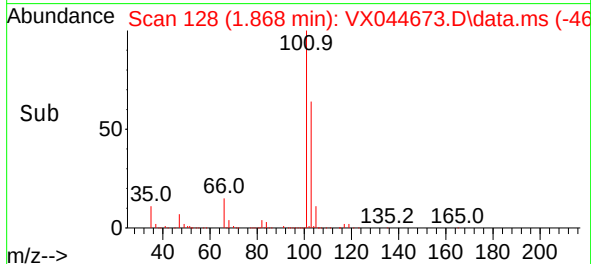


#7
 Trichlorofluoromethane
 Concen: 19.248 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

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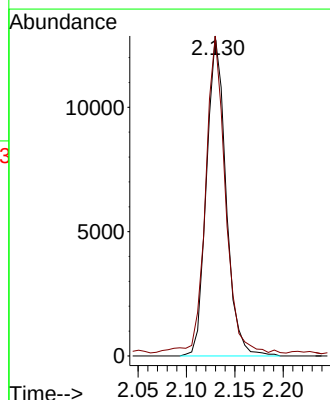
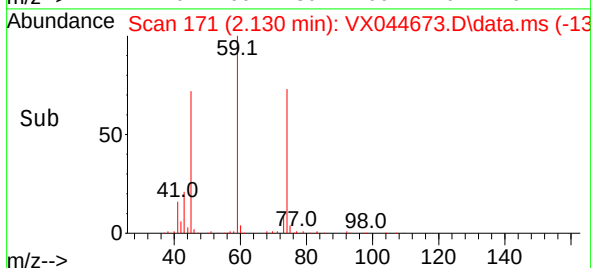
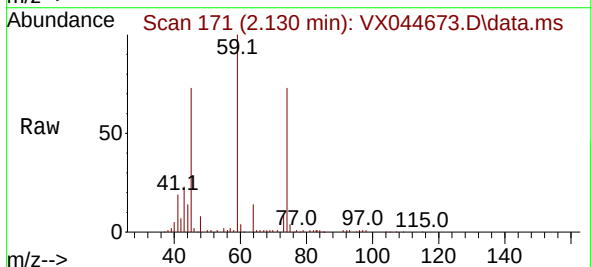


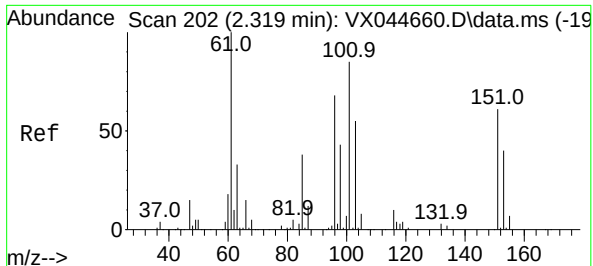
Tgt Ion:101 Resp: 61263
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.1 76.7



#8
 Diethyl Ether
 Concen: 14.703 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion: 74 Resp: 18053
 Ion Ratio Lower Upper
 74 100
 45 100.5 18.8 168.8

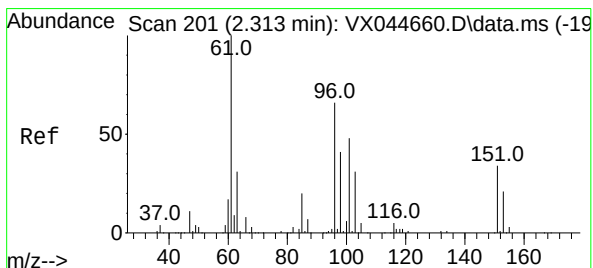
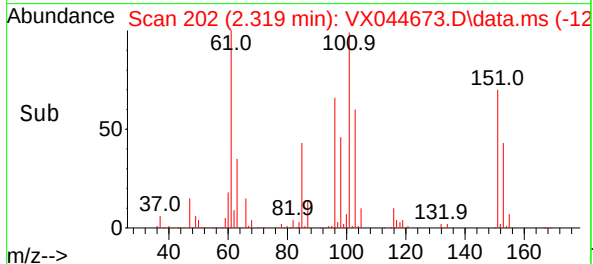
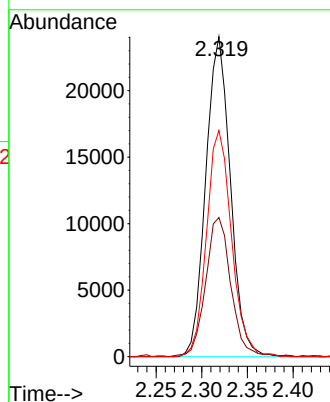
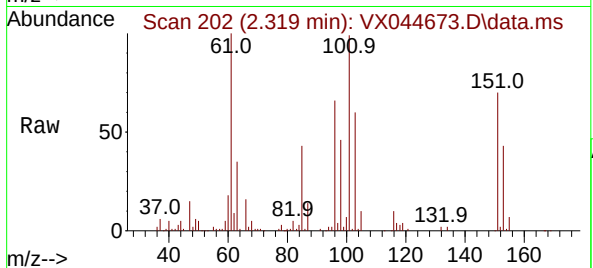




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.767 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044673.D
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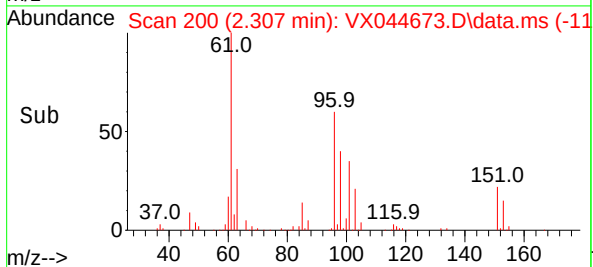
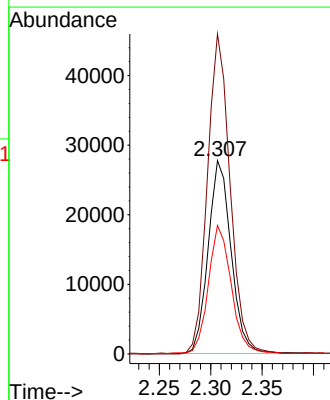
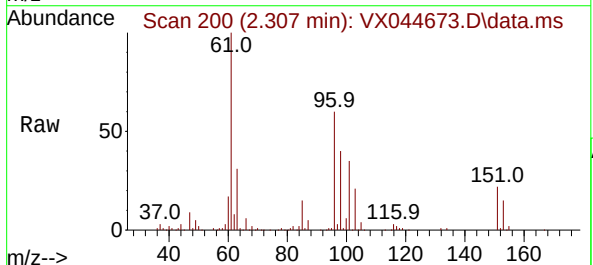
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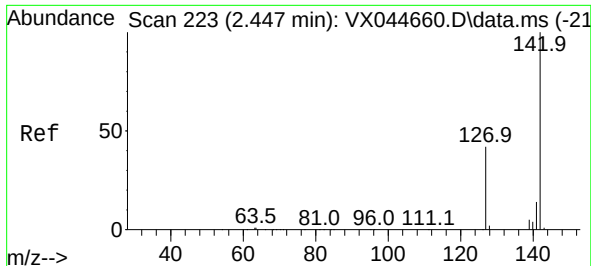
Tgt Ion:101 Resp: 45075
Ion Ratio Lower Upper
101 100
85 44.6 0.0 88.0
151 71.5 0.0 147.0



#10
1,1-Dichloroethene
Concen: 18.344 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

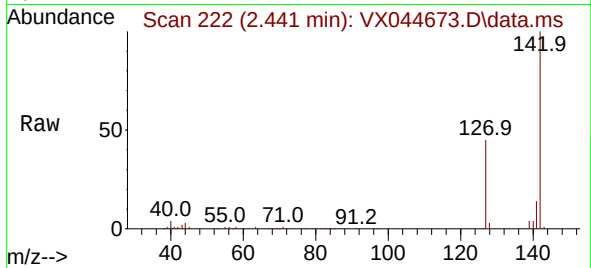
Tgt Ion: 96 Resp: 43032
Ion Ratio Lower Upper
96 100
61 165.8 121.6 182.4
98 66.2 50.3 75.5



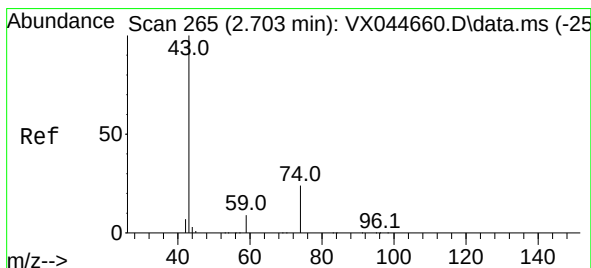
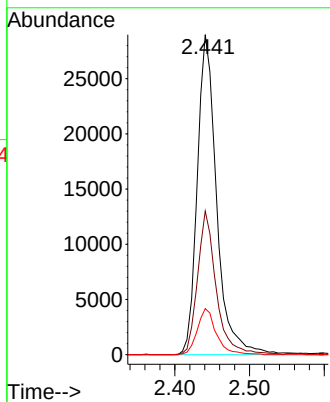
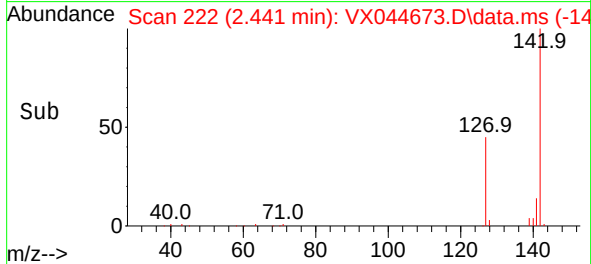


#11
Methyl Iodide
Concen: 16.043 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

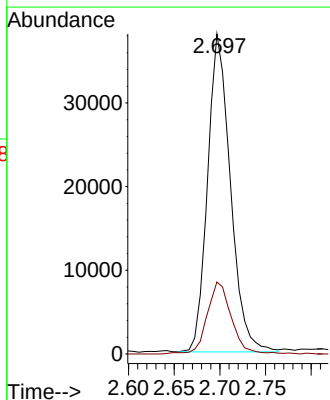
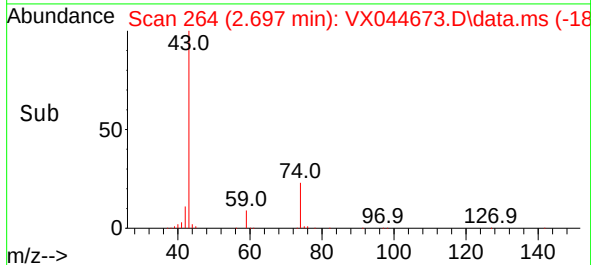
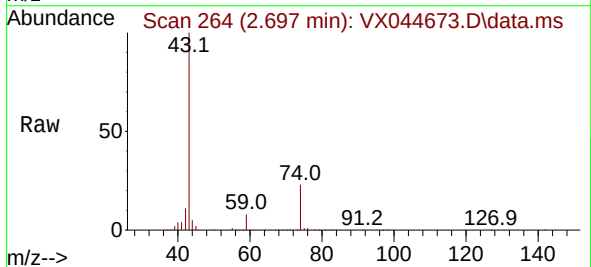


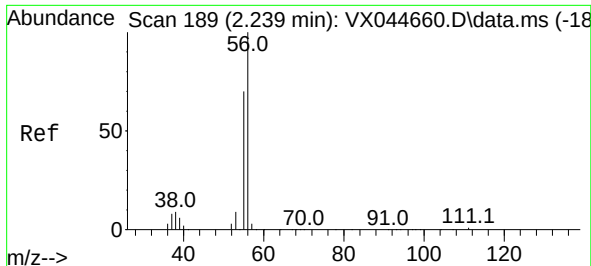
Tgt Ion:142 Resp: 52153
Ion Ratio Lower Upper
142 100
127 44.9 20.8 62.4
141 14.3 7.0 20.9



#12
Methyl Acetate
Concen: 19.318 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 43 Resp: 66160
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2

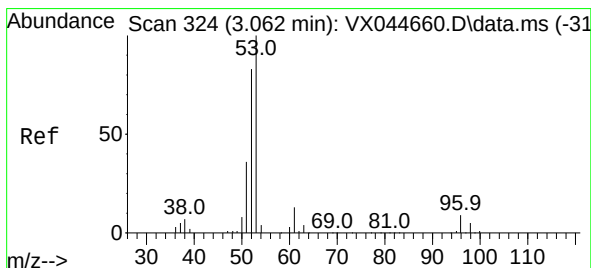
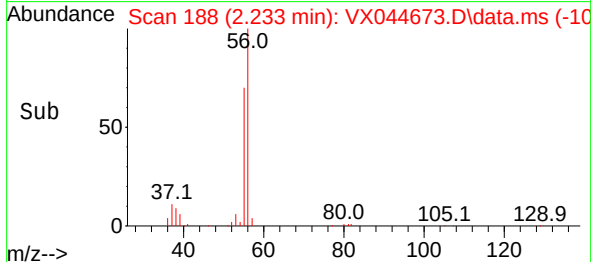
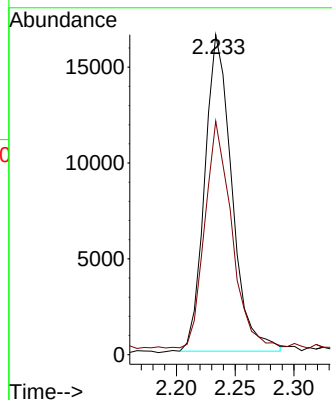
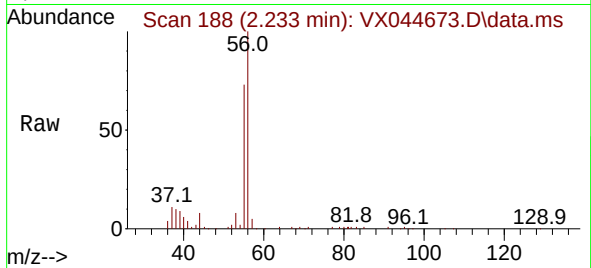




#13
Acrolein
Concen: 70.033 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

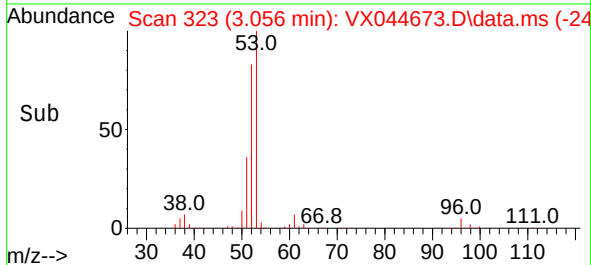
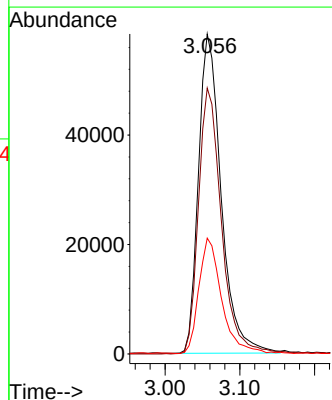
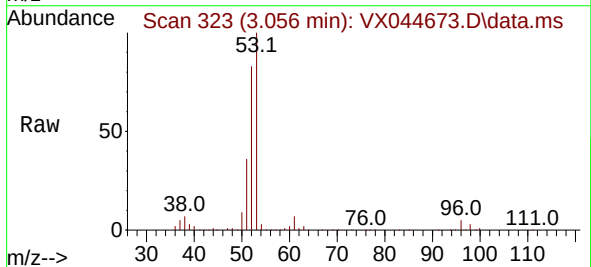
Instrument :
MSVOA_X
ClientSampleId :

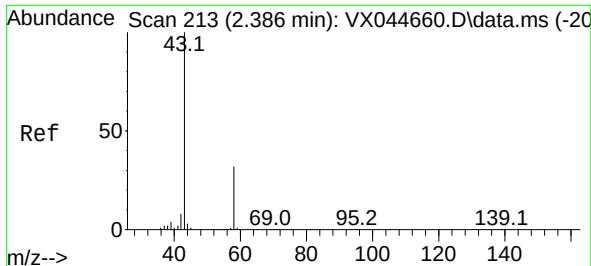
Tgt Ion: 56 Resp: 26525
Ion Ratio Lower Upper
56 100
55 72.0 57.5 86.3



#14
Acrylonitrile
Concen: 98.817 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 53 Resp: 123322
Ion Ratio Lower Upper
53 100
52 84.1 41.4 124.2
51 35.9 18.1 54.4

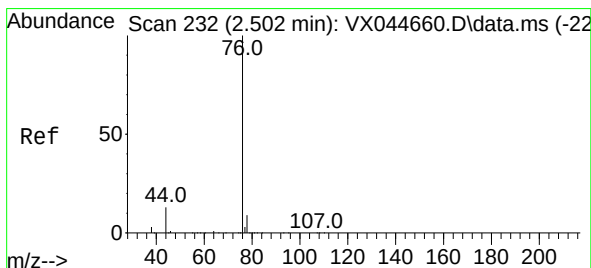
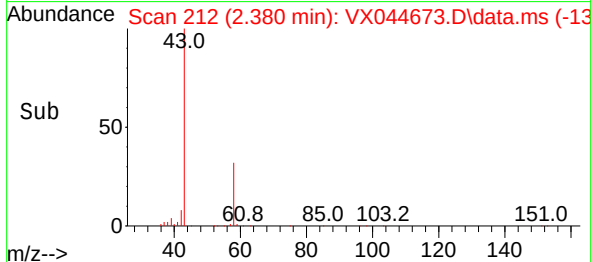
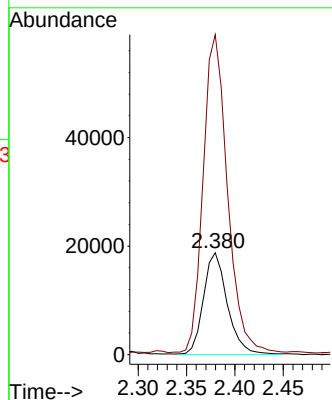
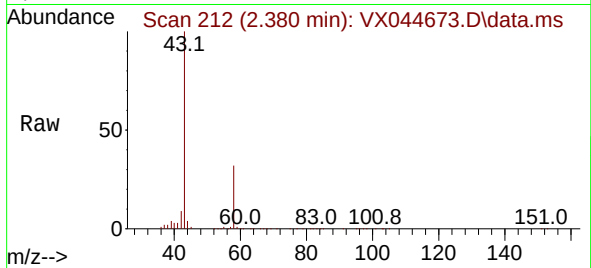




#15
Acetone
Concen: 96.738 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

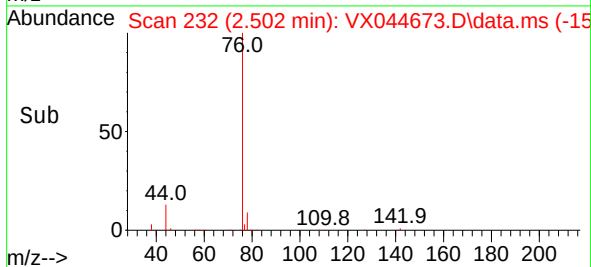
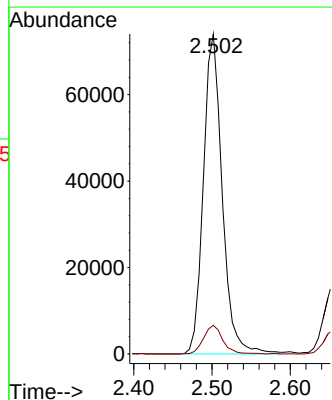
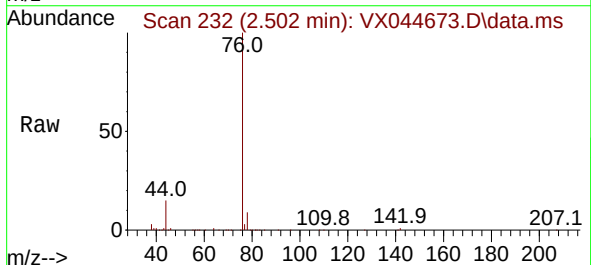
Instrument :
MSVOA_X
ClientSampleId :

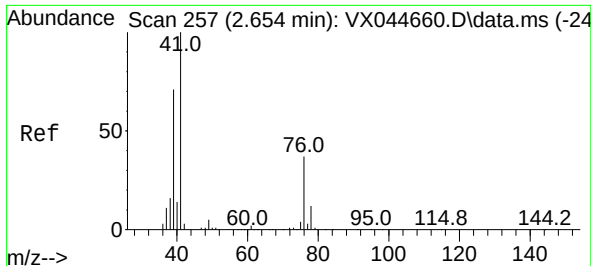
Tgt Ion: 58 Resp: 32395
Ion Ratio Lower Upper
58 100
43 313.8 251.0 376.4



#16
Carbon Disulfide
Concen: 18.931 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 76 Resp: 123419
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#17

Allyl chloride

Concen: 19.325 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044673.D

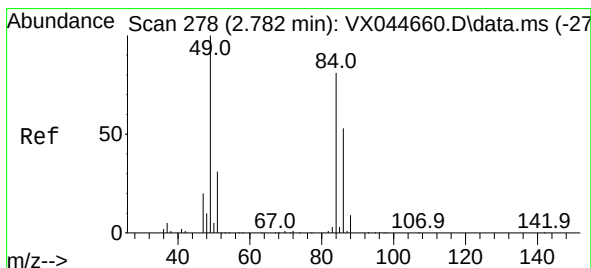
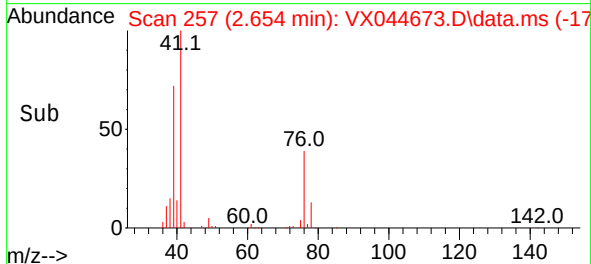
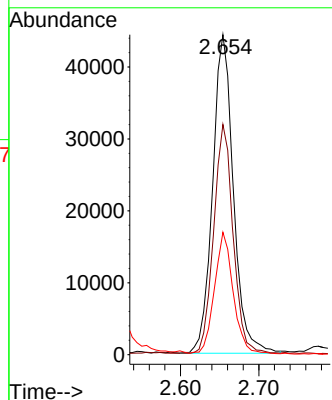
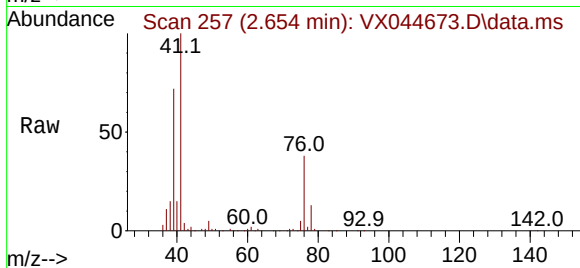
Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	81756
Ion	Ratio	Lower	Upper
41	100		
39	71.8	35.6	106.8
76	38.1	18.9	56.5



#18

Methylene Chloride

Concen: 19.422 ug/l

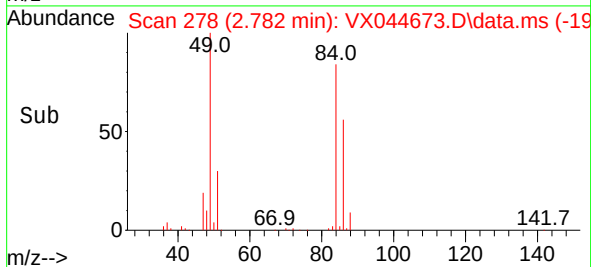
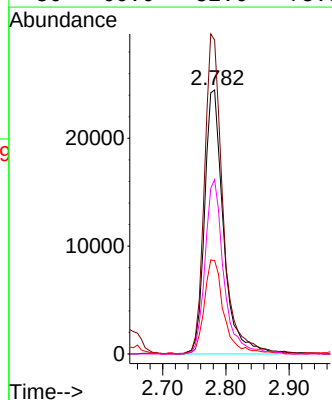
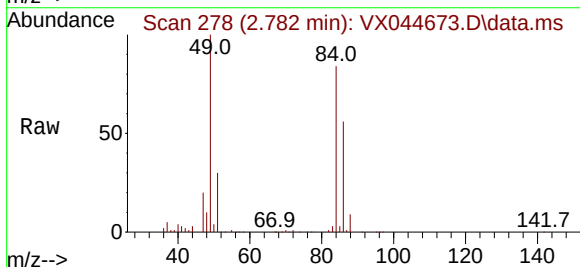
RT: 2.782 min Scan# 278

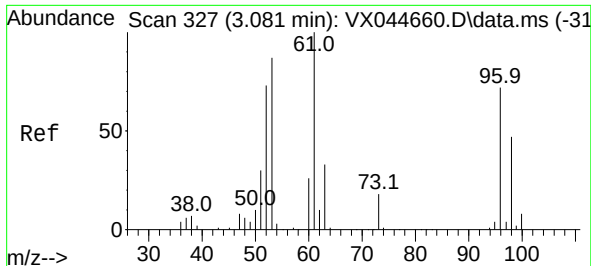
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:	84	Resp:	50990
Ion	Ratio	Lower	Upper
84	100		
49	118.9	98.3	147.5
51	35.1	30.6	46.0
86	66.0	52.6	78.8

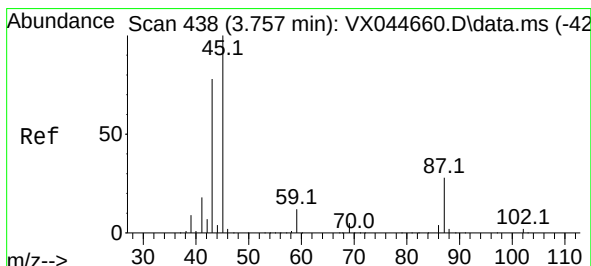
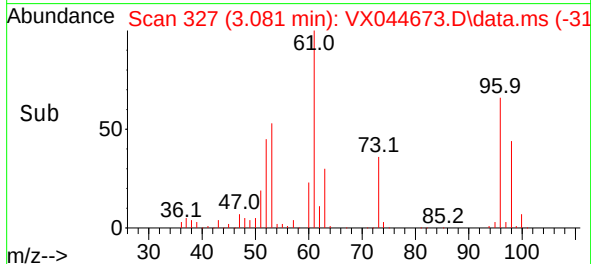
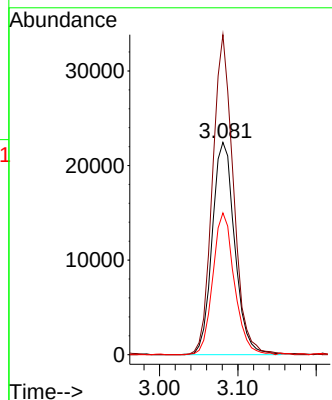
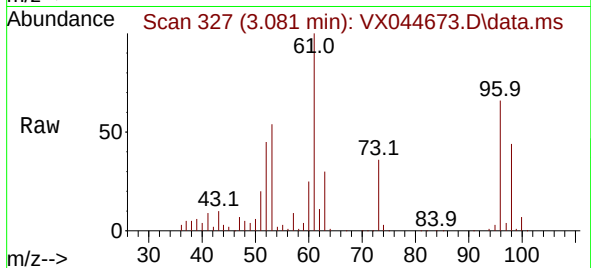




#19
trans-1,2-Dichloroethene
Concen: 19.215 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

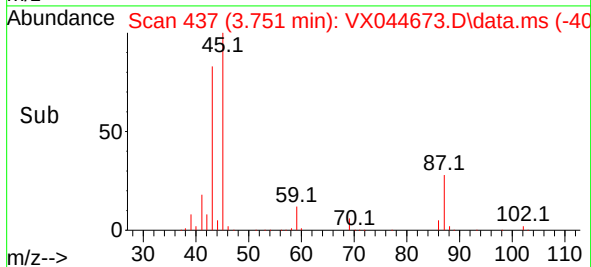
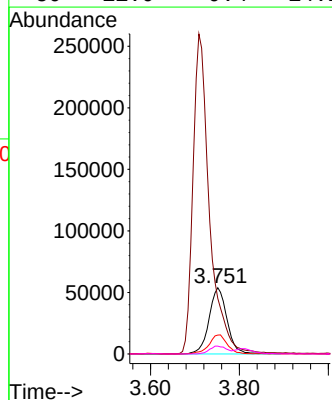
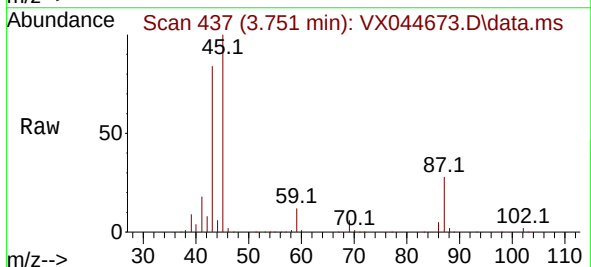
Instrument :
MSVOA_X
ClientSampleId :

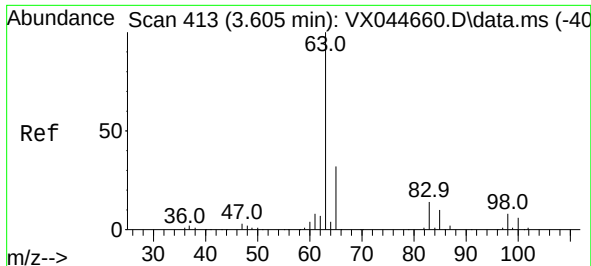
Tgt Ion: 96 Resp: 44821
Ion Ratio Lower Upper
96 100
61 150.8 111.5 167.3
98 66.8 52.6 79.0



#20
Diisopropyl ether
Concen: 19.720 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 45 Resp: 151426
Ion Ratio Lower Upper
45 100
43 82.7 62.6 94.0
87 28.4 22.7 34.1
59 11.9 9.4 14.2

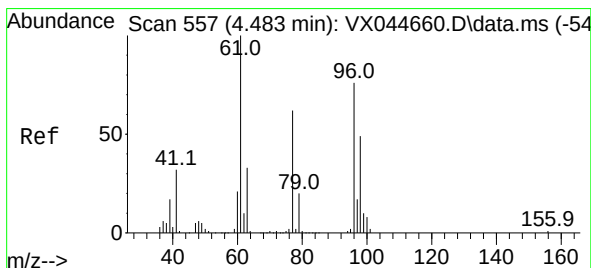
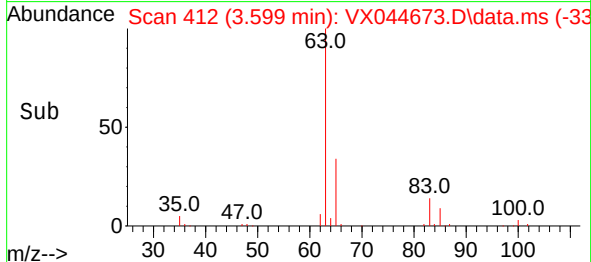
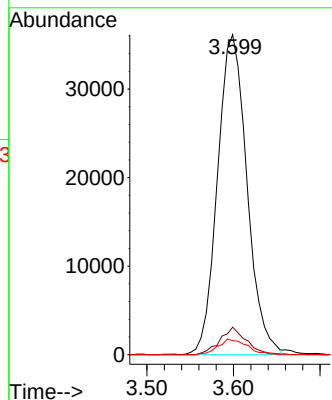
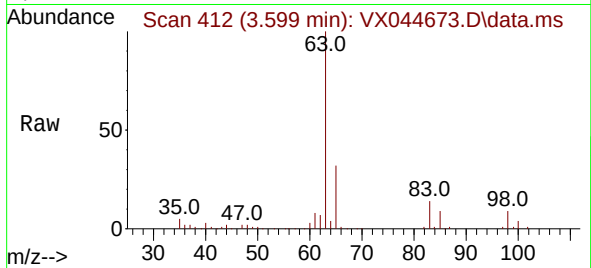




#21
 1,1-Dichloroethane
 Concen: 18.750 ug/l
 RT: 3.599 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

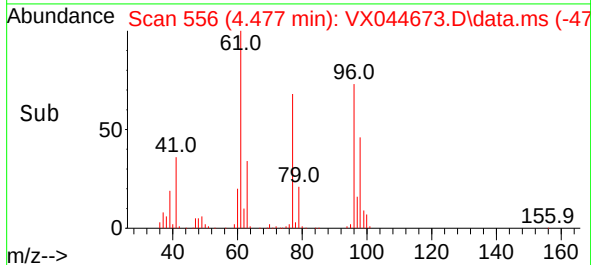
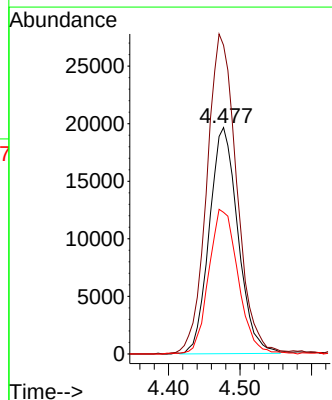
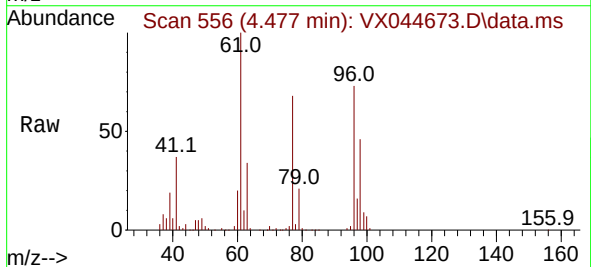
Instrument :
 MSVOA_X
 ClientSampleId :

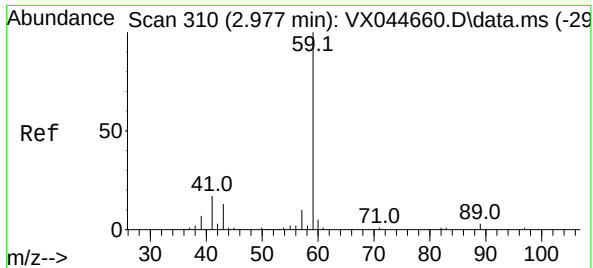
Tgt Ion: 63 Resp: 85409
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 11.9
 100 4.4 2.8 8.3



#22
 cis-1,2-Dichloroethene
 Concen: 18.914 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion: 96 Resp: 54606
 Ion Ratio Lower Upper
 96 100
 61 148.3 115.2 172.8
 98 64.6 51.8 77.6

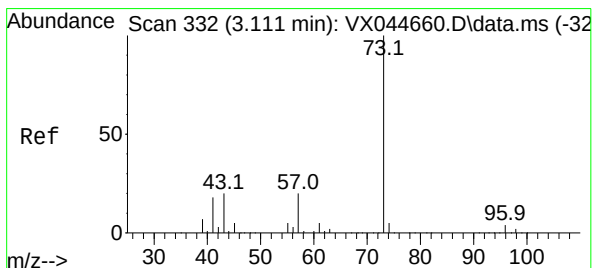
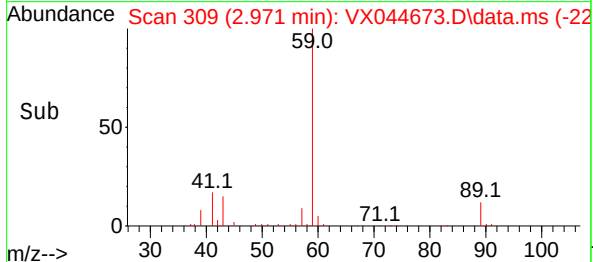
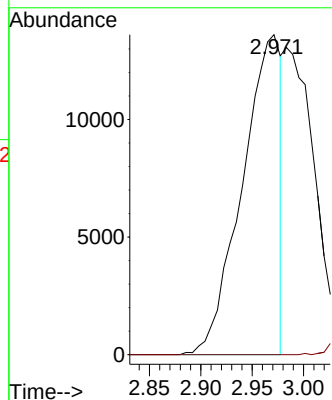
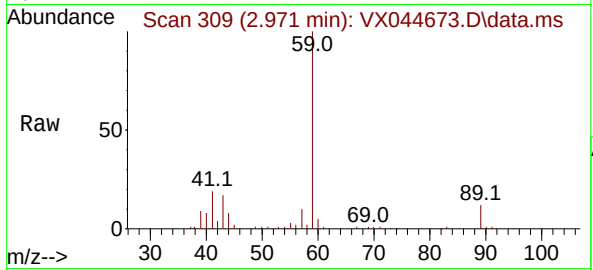




#23
tert-Butyl Alcohol
Concen: 59.023 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

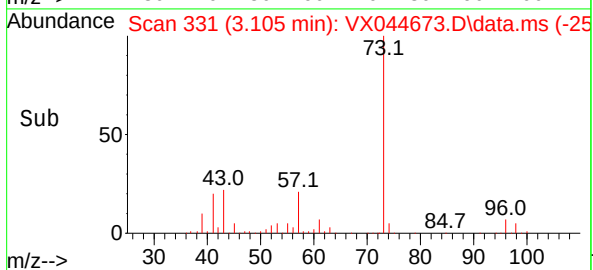
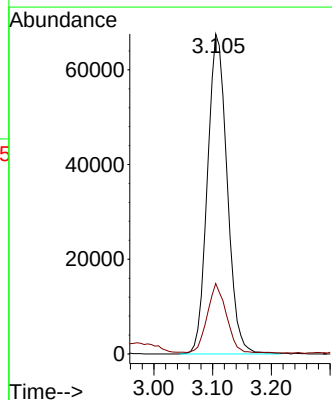
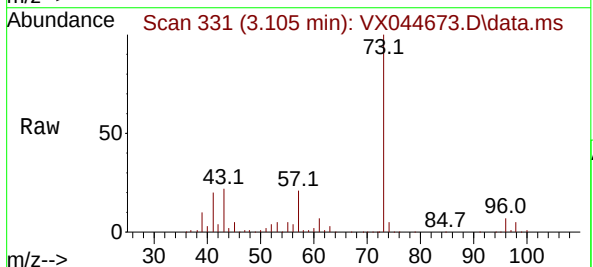
Instrument :
MSVOA_X
ClientSampleId :

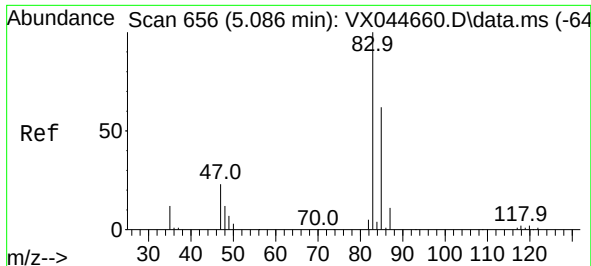
Tgt Ion: 59 Resp: 35627
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.371 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 73 Resp: 157454
Ion Ratio Lower Upper
73 100
43 20.7 16.9 25.3





#25

Chloroform

Concen: 19.070 ug/l

RT: 5.074 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

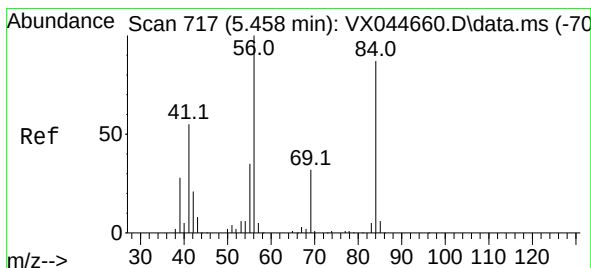
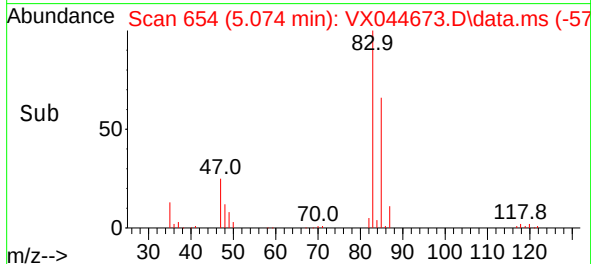
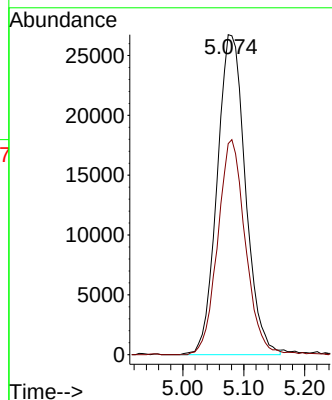
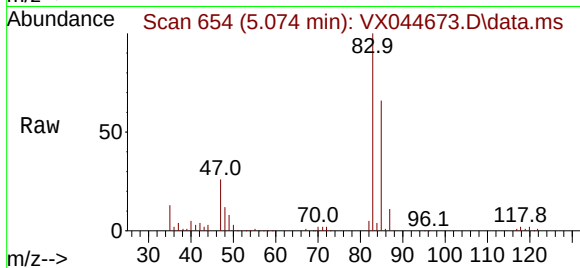
ClientSampleId :

Tgt Ion: 83 Resp: 86312

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2



#26

Cyclohexane

Concen: 19.717 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

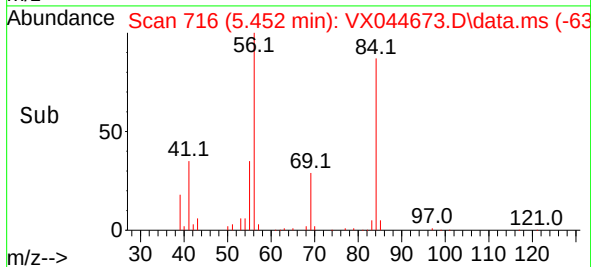
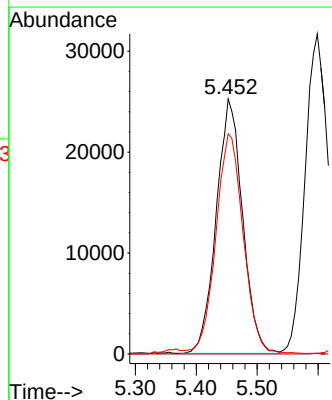
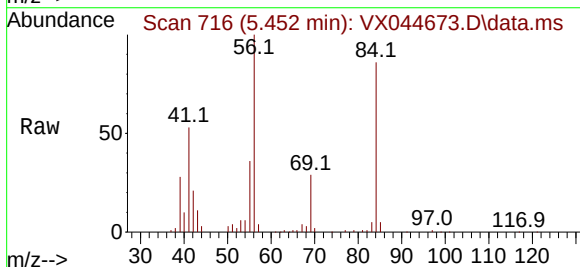
Tgt Ion: 56 Resp: 75485

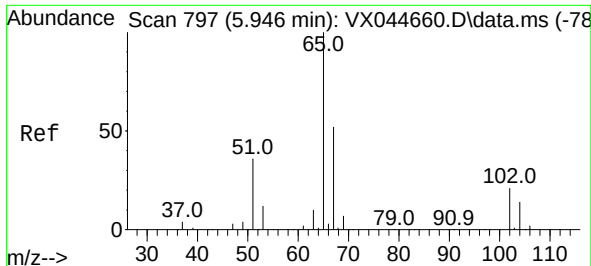
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.5 72.2 108.4

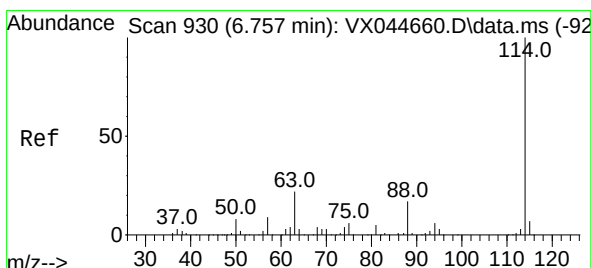
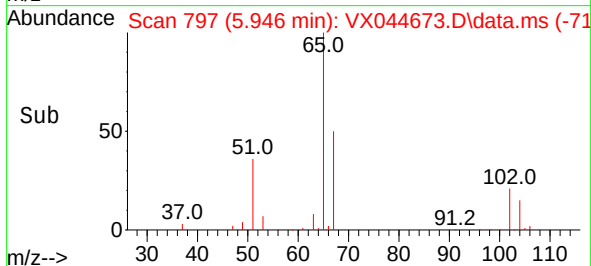
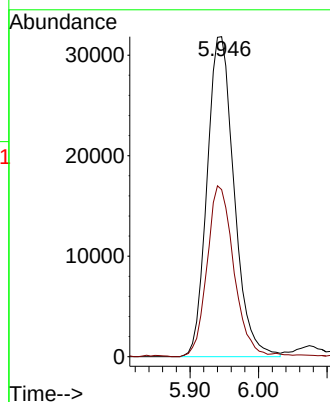
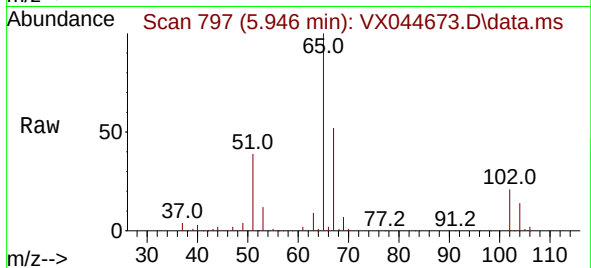




#27
 1,2-Dichloroethane-d4
 Concen: 28.481 ug/l
 RT: 5.946 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

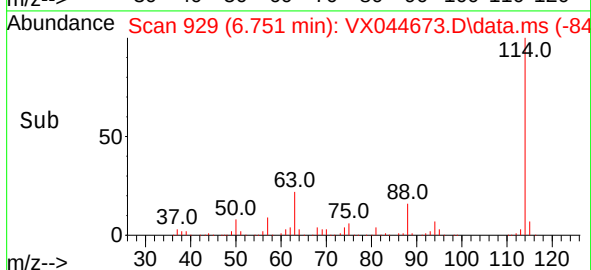
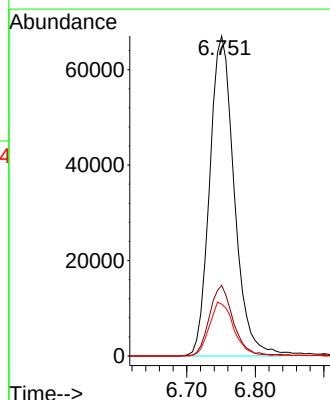
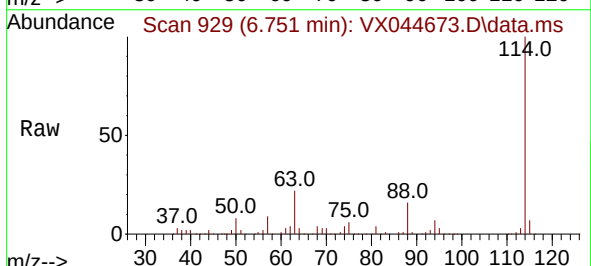
Instrument :
 MSVOA_X
 ClientSampleId :

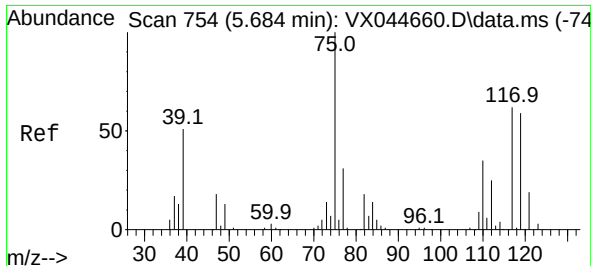
Tgt Ion: 65 Resp: 87326
 Ion Ratio Lower Upper
 65 100
 67 52.6 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

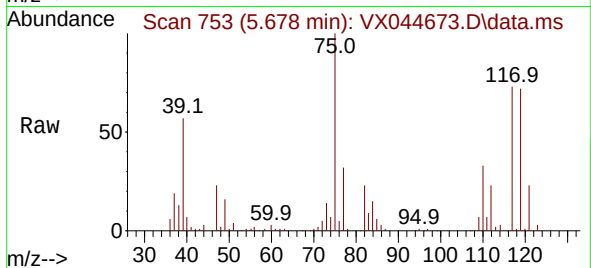
Tgt Ion: 114 Resp: 167169
 Ion Ratio Lower Upper
 114 100
 63 21.4 16.6 24.8
 88 16.7 13.4 20.2



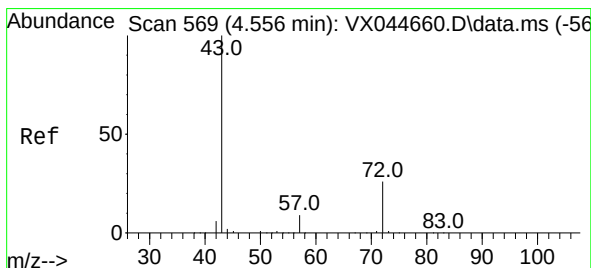
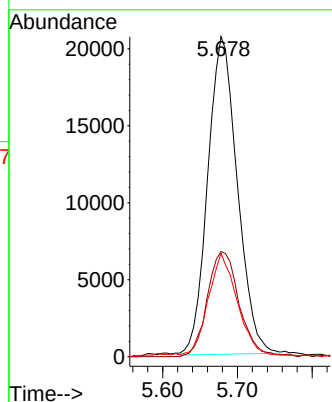
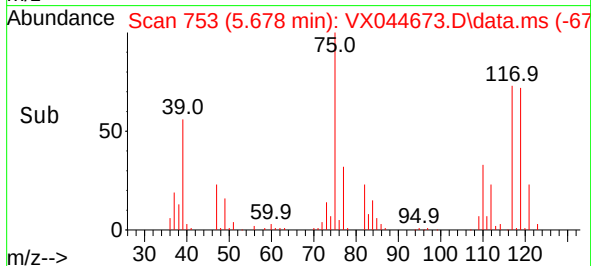


#29
1,1-Dichloropropene
Concen: 19.557 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

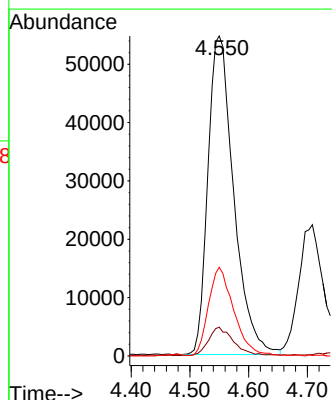
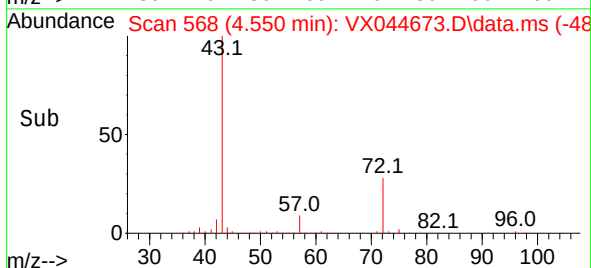
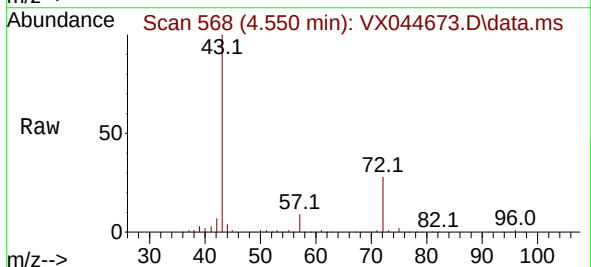


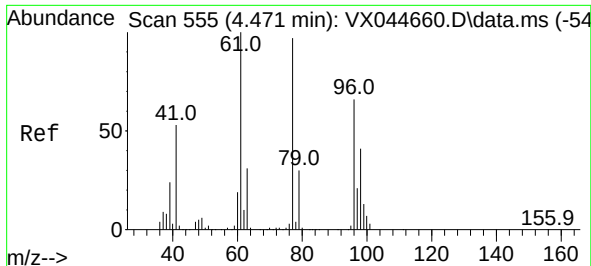
Tgt Ion: 75 Resp: 56865
Ion Ratio Lower Upper
75 100
110 35.3 0.0 69.4
77 32.3 0.0 59.8



#30
2-Butanone
Concen: 104.202 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 43 Resp: 166438
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 19.830 ug/l

RT: 4.459 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

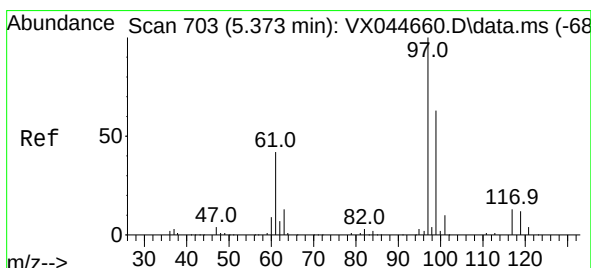
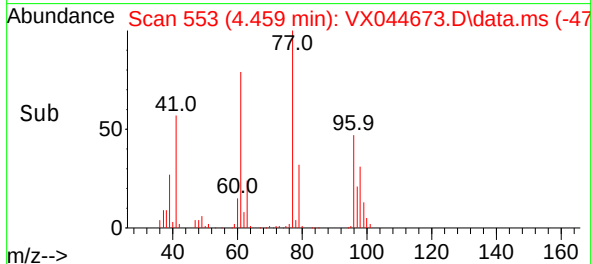
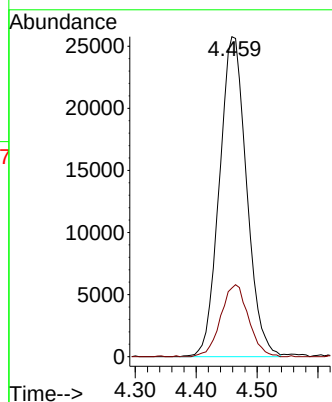
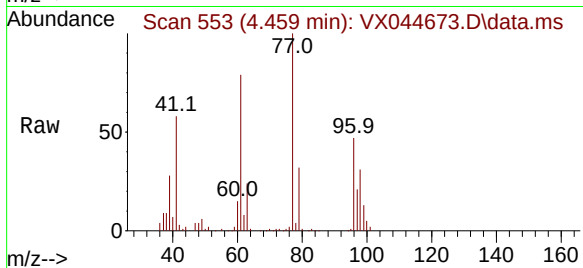
ClientSampleId :

Tgt Ion: 77 Resp: 79790

Ion Ratio Lower Upper

77 100

97 22.9 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.679 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

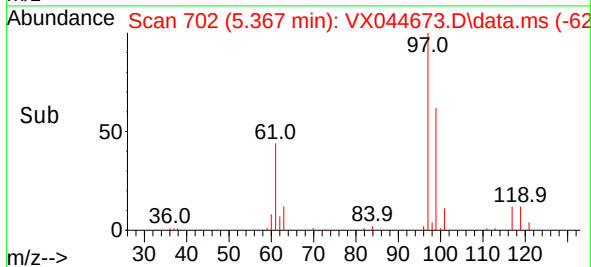
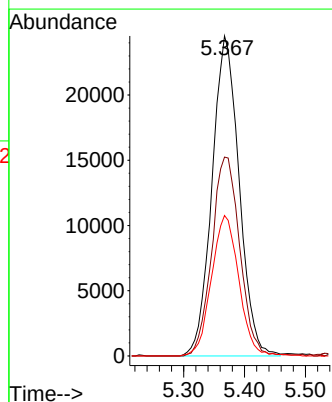
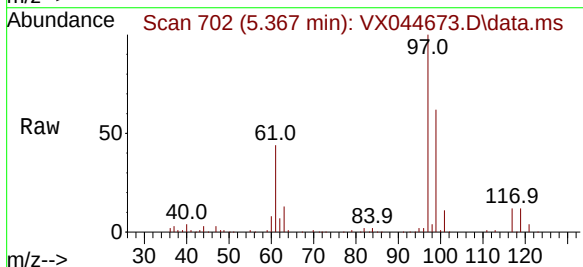
Tgt Ion: 97 Resp: 75830

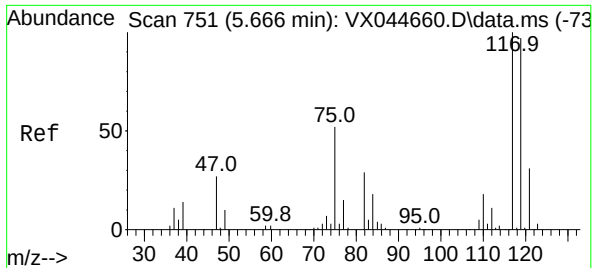
Ion Ratio Lower Upper

97 100

99 64.0 50.5 75.7

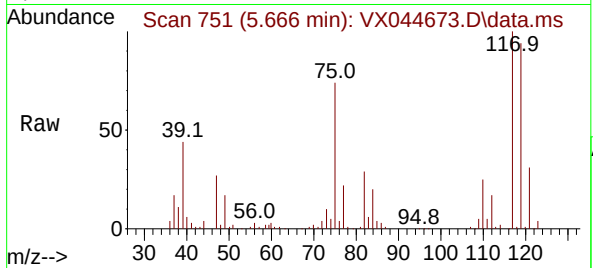
61 44.0 34.6 51.8



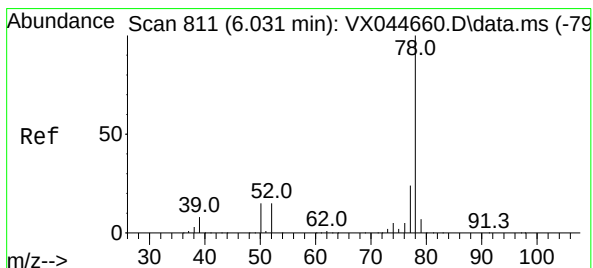
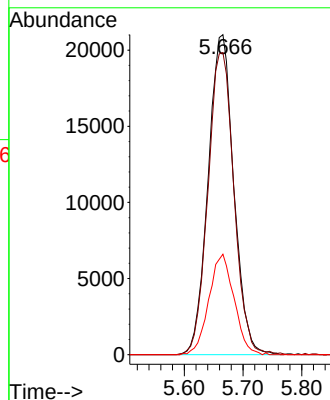
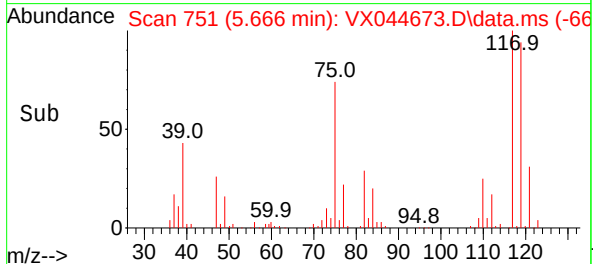


#33
Carbon Tetrachloride
Concen: 19.601 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

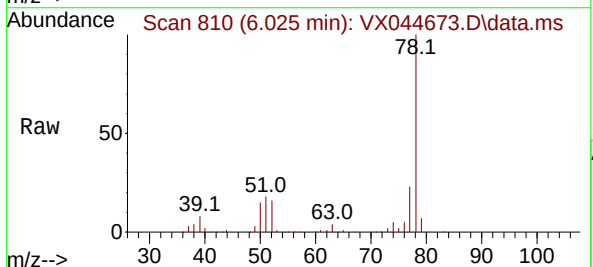
Instrument :
MSVOA_X
ClientSampleId :



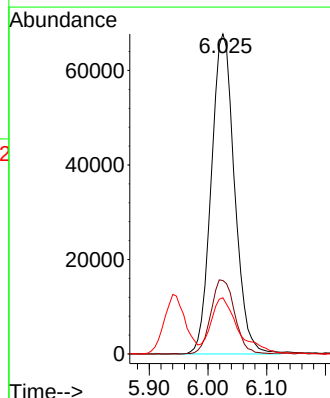
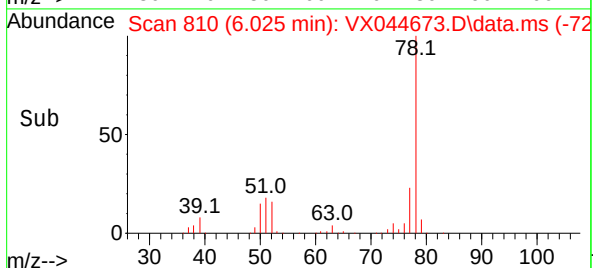
Tgt Ion:117 Resp: 63715
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 31.4 24.6 37.0

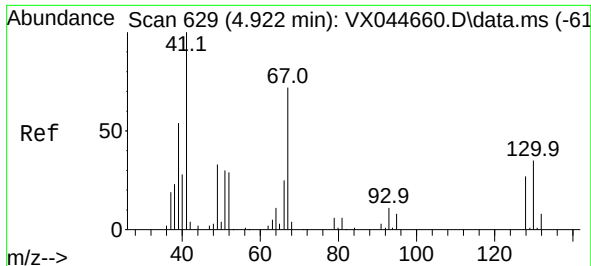


#34
Benzene
Concen: 20.049 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



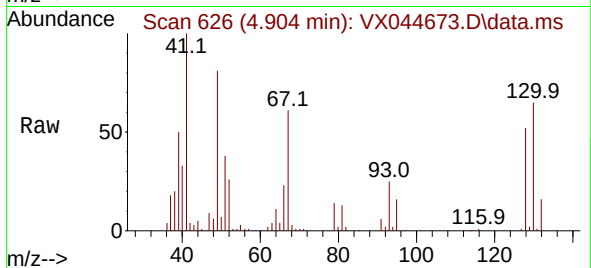
Tgt Ion: 78 Resp: 185995
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 17.1 12.7 19.1



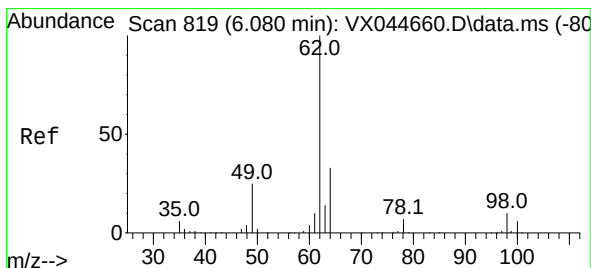
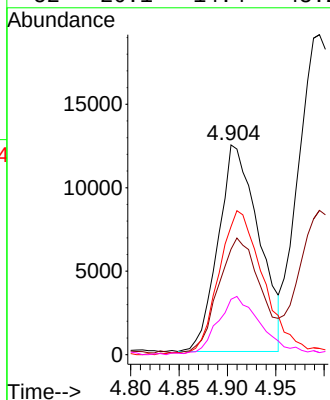
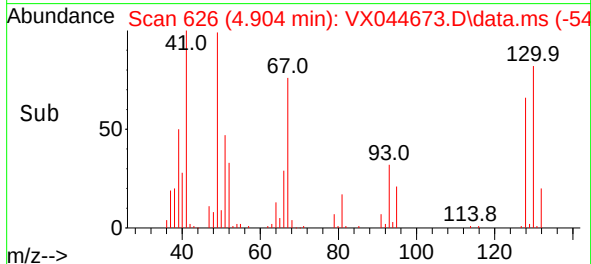


#35
Methacrylonitrile
Concen: 20.300 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

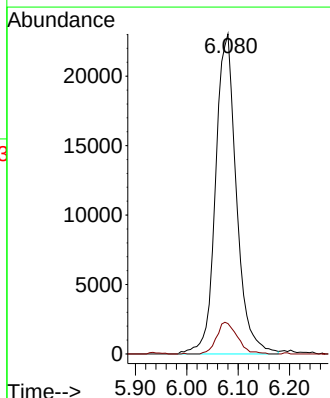
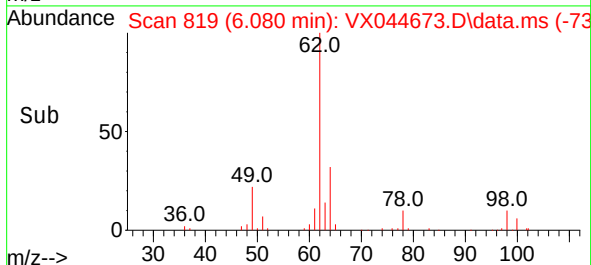
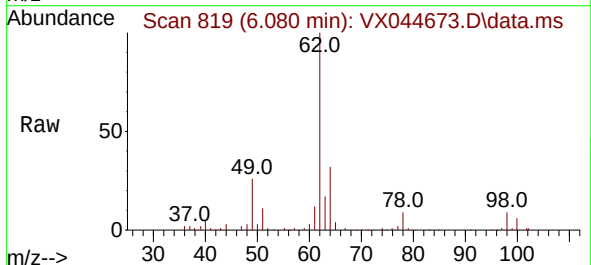


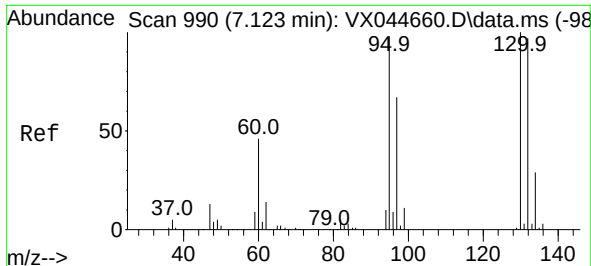
Tgt Ion: 41 Resp: 36238
Ion Ratio Lower Upper
41 100
39 50.0 27.1 81.3
67 60.8 35.8 107.4
52 26.1 14.4 43.2



#36
1,2-Dichloroethane
Concen: 19.606 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 62 Resp: 65030
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#37

Trichloroethene

Concen: 19.452 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

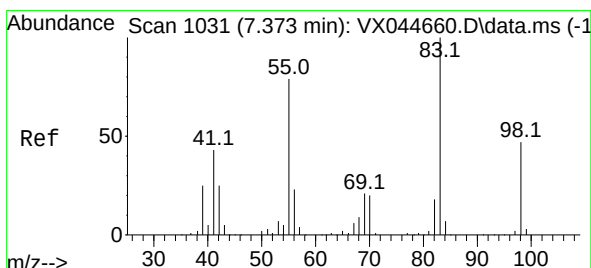
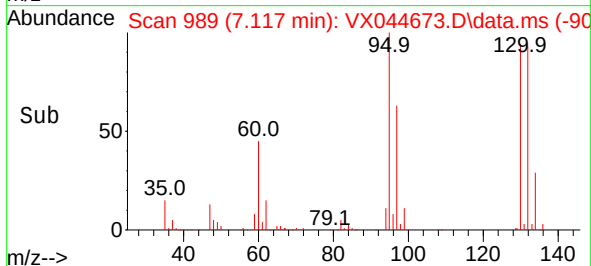
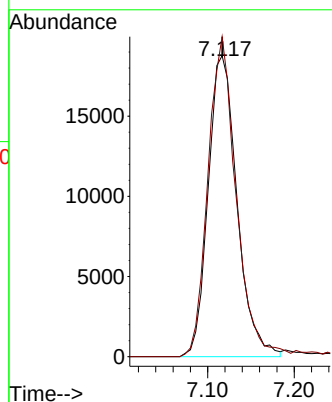
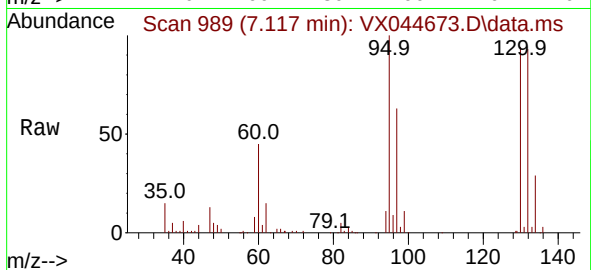
ClientSampleId :

Tgt Ion:130 Resp: 43568

Ion Ratio Lower Upper

130 100

95 106.3 78.2 117.4



#38

Methylcyclohexane

Concen: 20.772 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

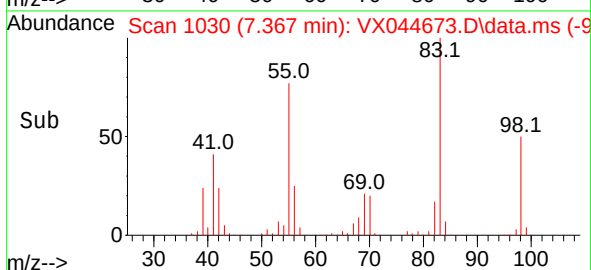
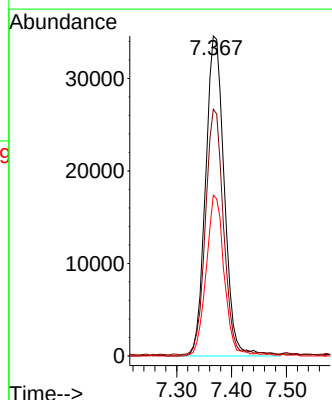
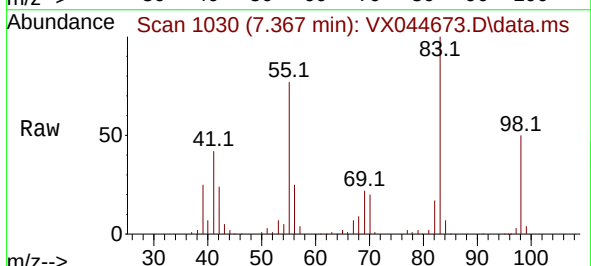
Tgt Ion: 83 Resp: 82064

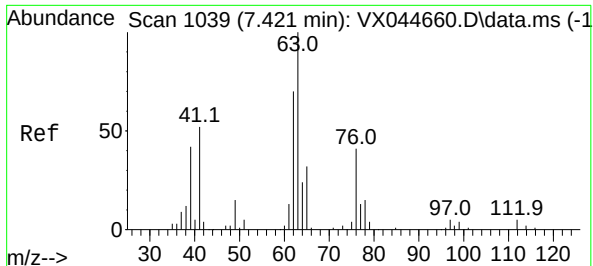
Ion Ratio Lower Upper

83 100

55 73.7 38.4 115.2

98 47.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.791 ug/l

RT: 7.421 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

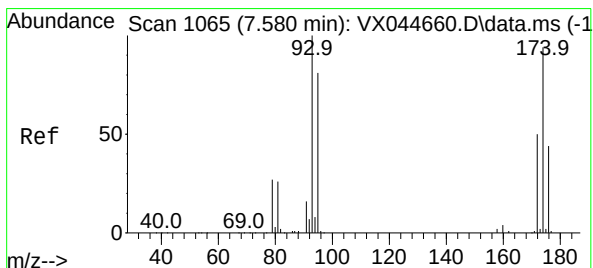
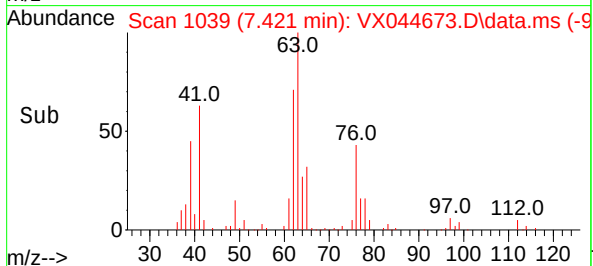
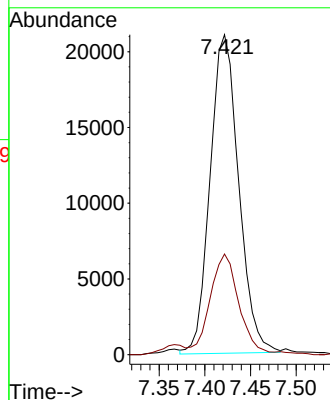
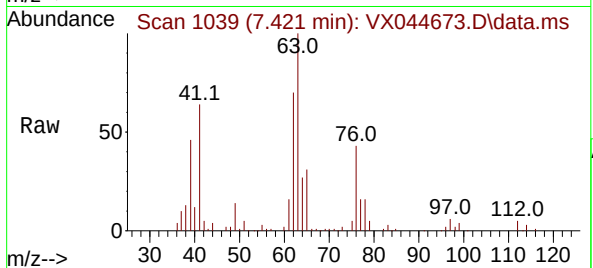
ClientSampleId :

Tgt Ion: 63 Resp: 45783

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3



#40

Dibromomethane

Concen: 19.744 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

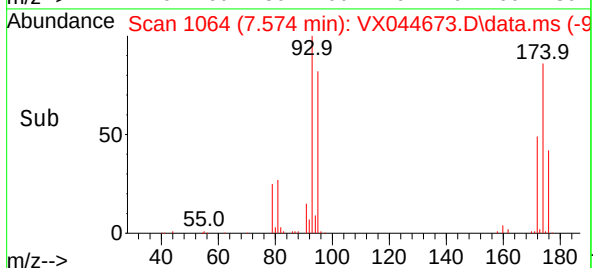
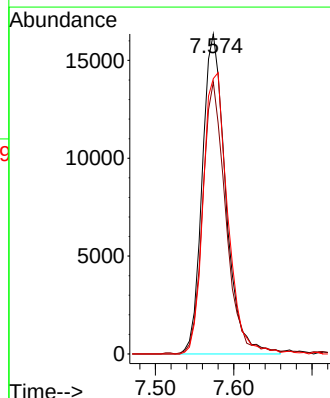
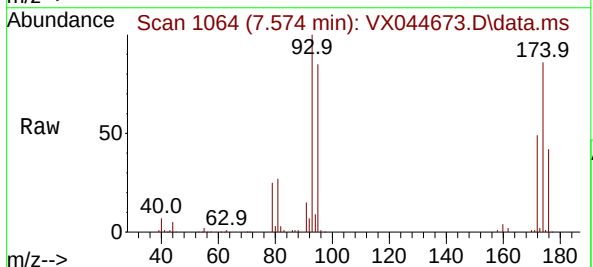
Tgt Ion: 93 Resp: 33957

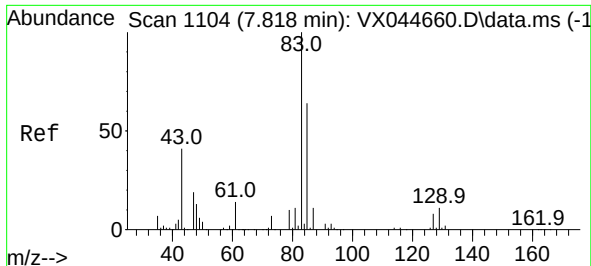
Ion Ratio Lower Upper

93 100

95 82.1 0.0 167.0

174 91.4 0.0 182.0

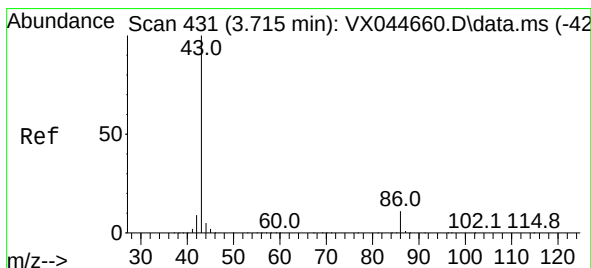
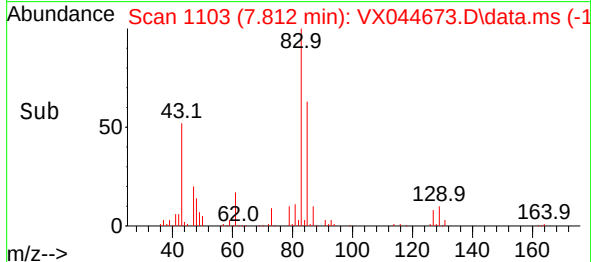
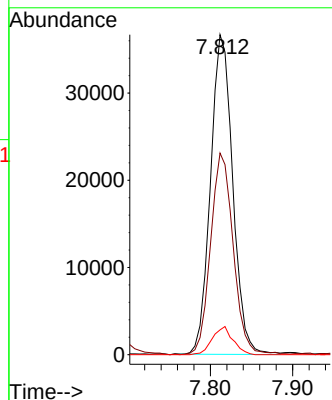
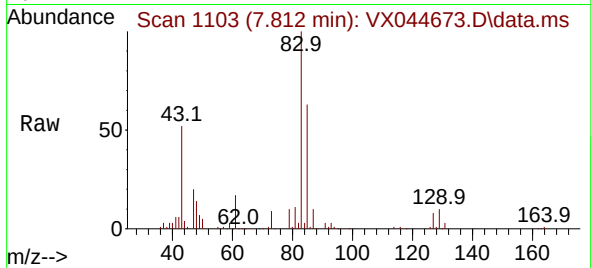




#41
Bromodichloromethane
Concen: 19.393 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

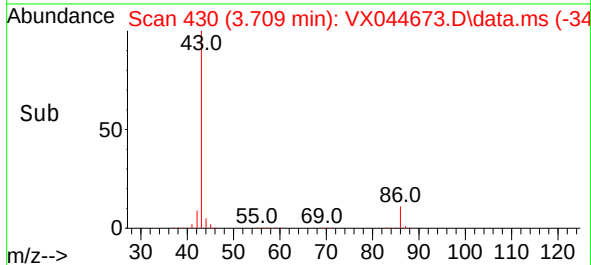
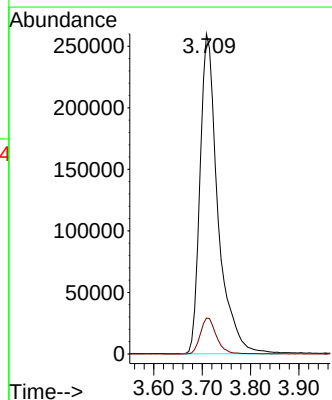
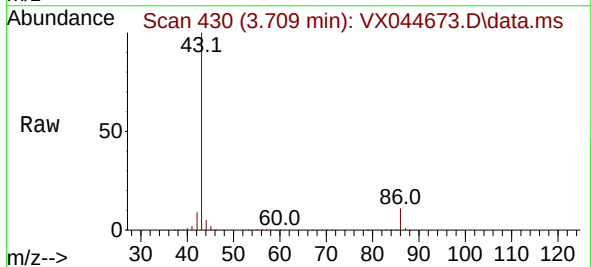
Instrument :
MSVOA_X
ClientSampleId :

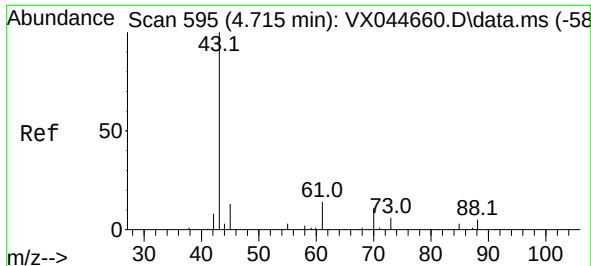
Tgt Ion: 83 Resp: 68866
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 7.8 6.5 9.7



#42
Vinyl Acetate
Concen: 105.289 ug/l
RT: 3.709 min Scan# 430
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 43 Resp: 667881
Ion Ratio Lower Upper
43 100
86 10.1 8.0 12.0

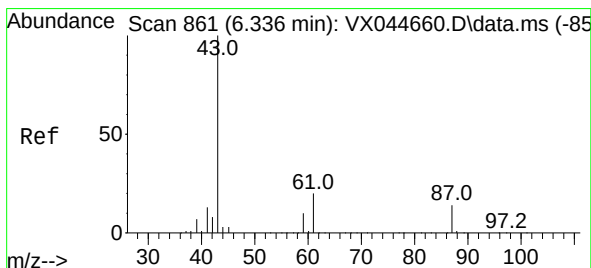
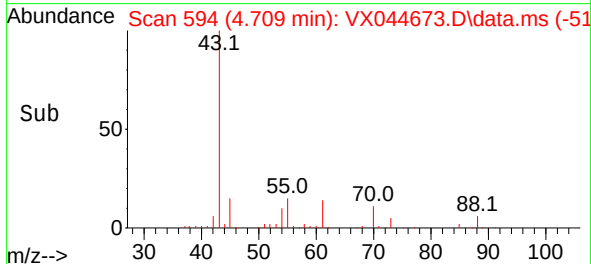
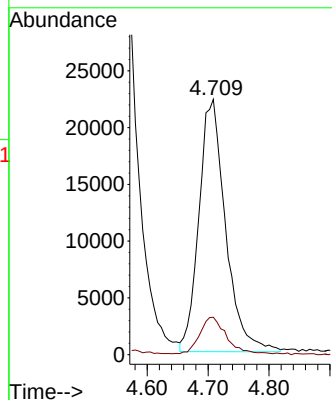
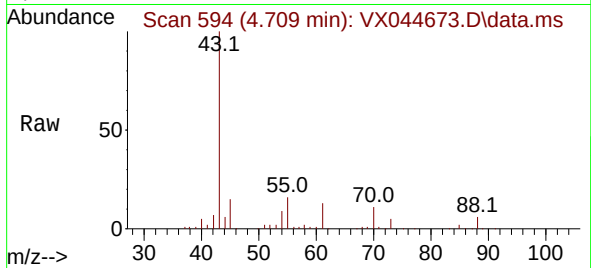




#43
Ethyl Acetate
Concen: 21.625 ug/l
RT: 4.709 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

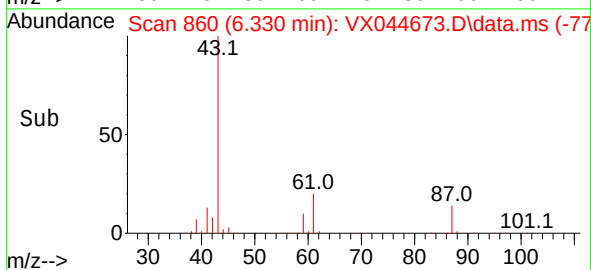
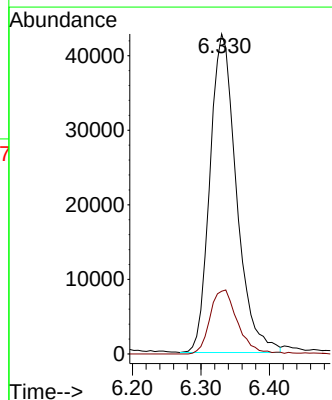
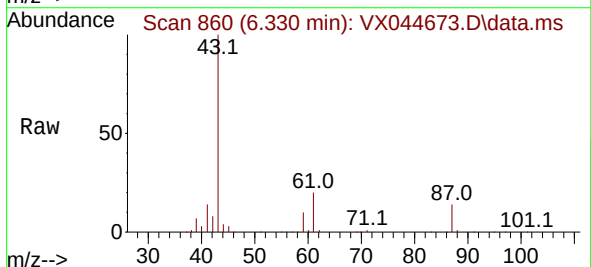
Instrument :
MSVOA_X
ClientSampleId :

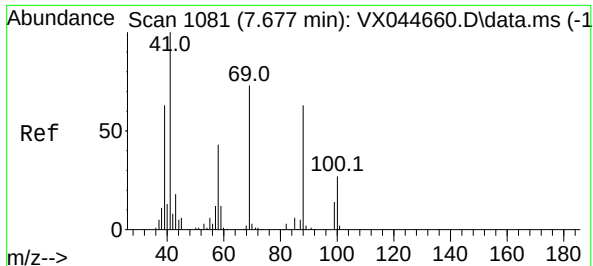
Tgt Ion: 43 Resp: 67755
Ion Ratio Lower Upper
43 100
45 14.6 0.1 0.1#



#44
Isopropyl Acetate
Concen: 20.408 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 43 Resp: 114877
Ion Ratio Lower Upper
43 100
61 20.5 16.2 24.4





#45

1,4-Dioxane

Concen: 373.825 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

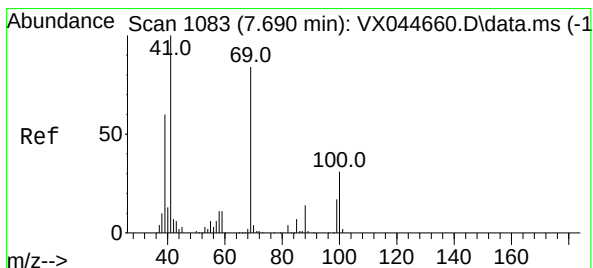
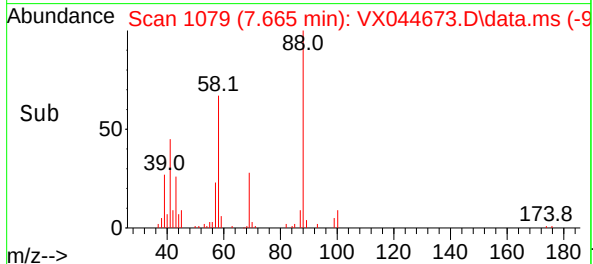
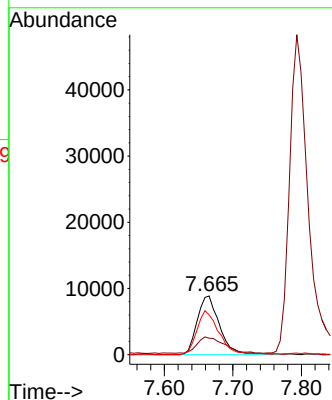
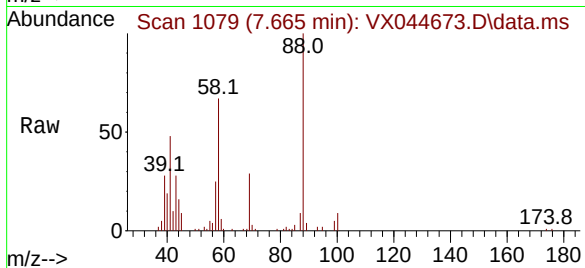
Tgt Ion: 88 Resp: 20037

Ion Ratio Lower Upper

88 100

43 32.3 25.9 38.9

58 72.7 58.9 88.3



#46

Methyl methacrylate

Concen: 20.130 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

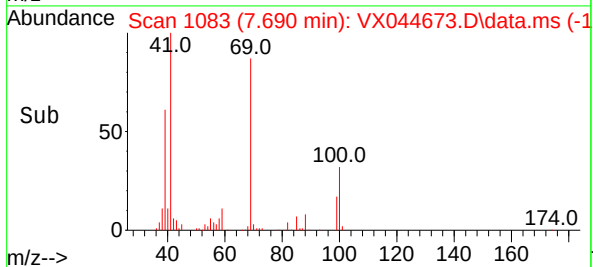
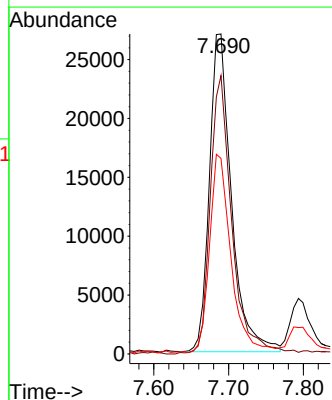
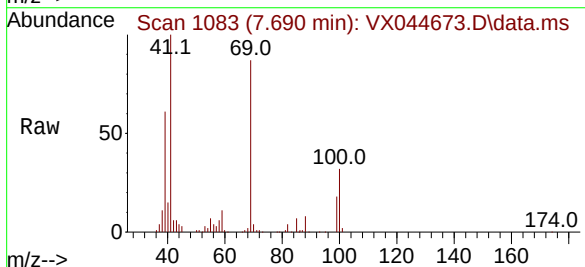
Tgt Ion: 41 Resp: 55463

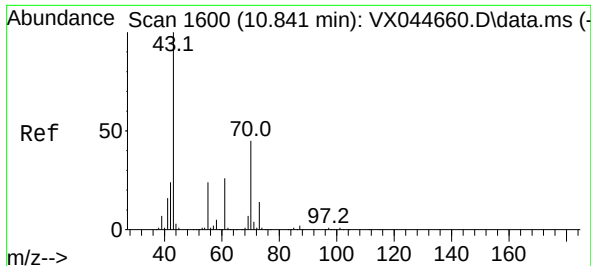
Ion Ratio Lower Upper

41 100

69 87.2 41.9 125.7

39 60.9 30.1 90.3





#47

n-amyI Acetate

Concen: 21.487 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

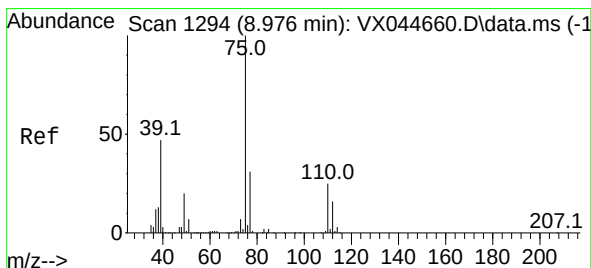
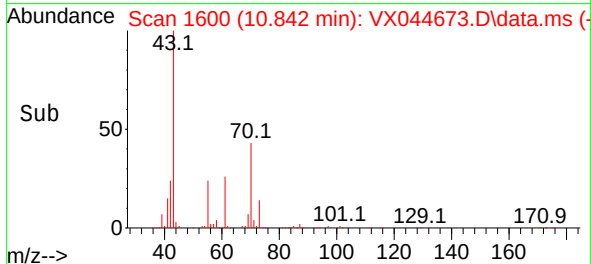
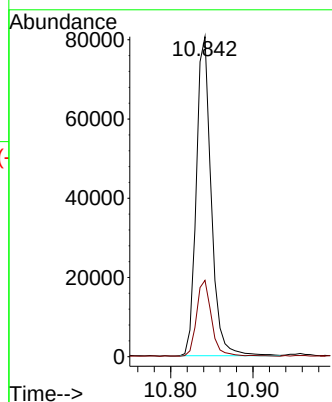
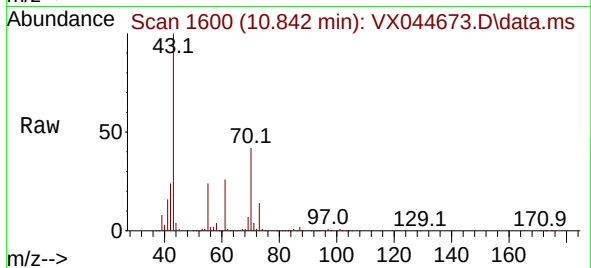
ClientSampleId :

Tgt Ion: 43 Resp: 101504

Ion Ratio Lower Upper

43 100

55 23.7 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 19.869 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044673.D

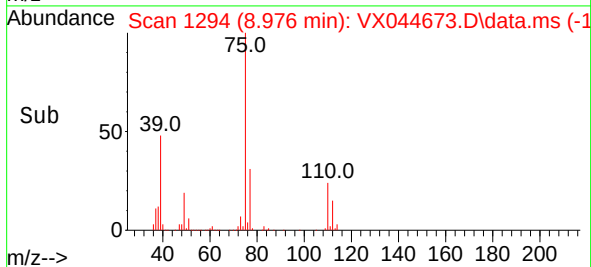
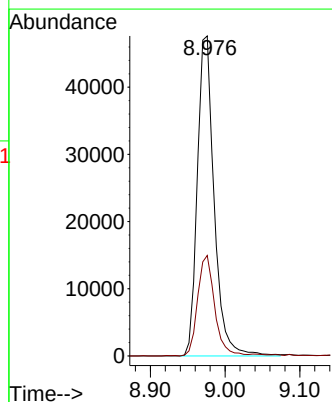
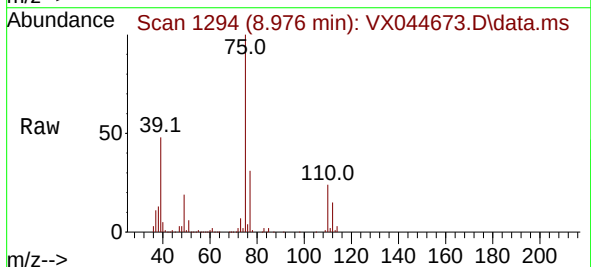
Acq: 16 Jan 2025 16:04

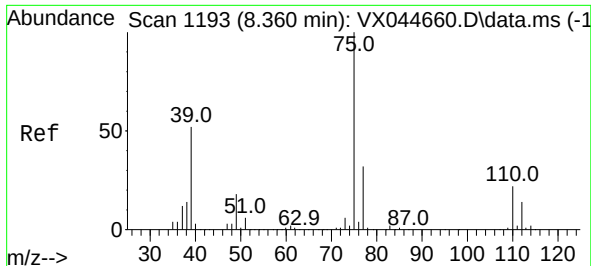
Tgt Ion: 75 Resp: 74474

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

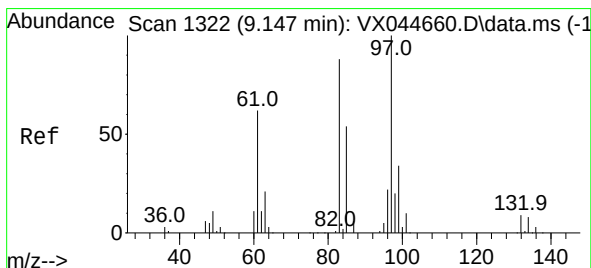
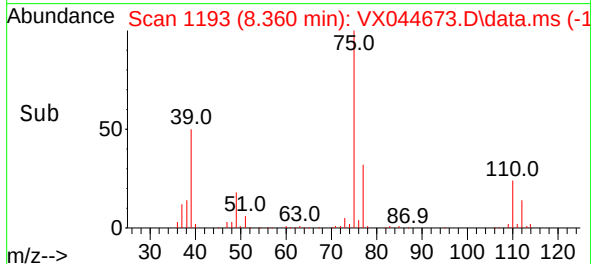
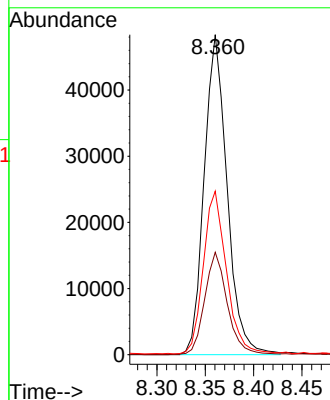
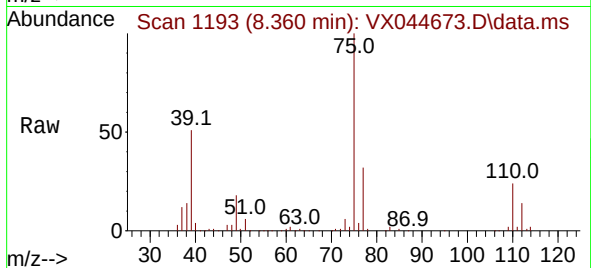




#49
 cis-1,3-Dichloropropene
 Concen: 19.852 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

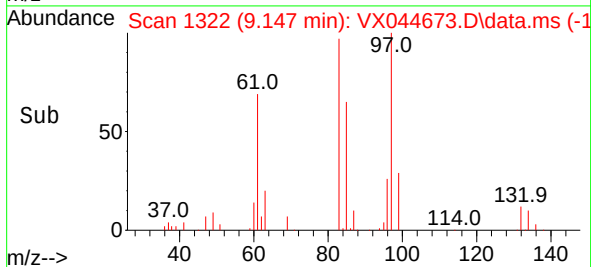
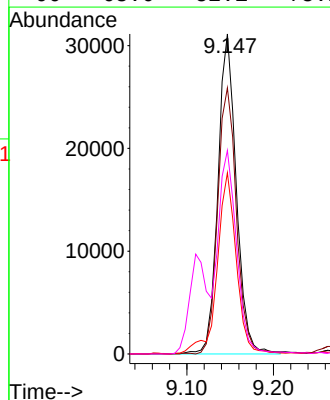
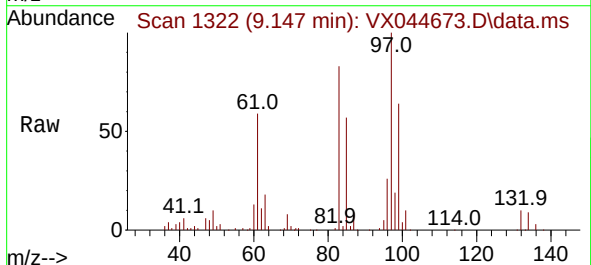
Instrument :
 MSVOA_X
 ClientSampleId :

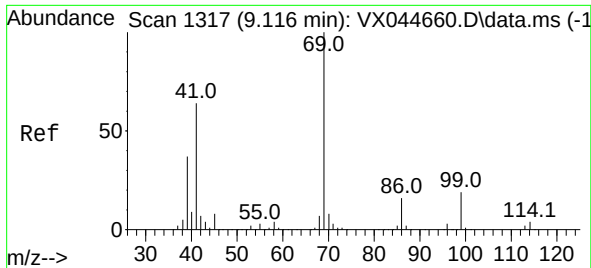
Tgt Ion: 75 Resp: 79790
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 50.7 41.4 62.0



#50
 1,1,2-Trichloroethane
 Concen: 20.701 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion: 97 Resp: 45852
 Ion Ratio Lower Upper
 97 100
 83 82.9 69.2 103.8
 85 56.3 44.8 67.2
 99 63.0 52.1 78.1

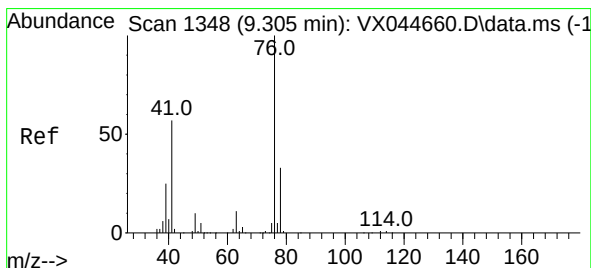
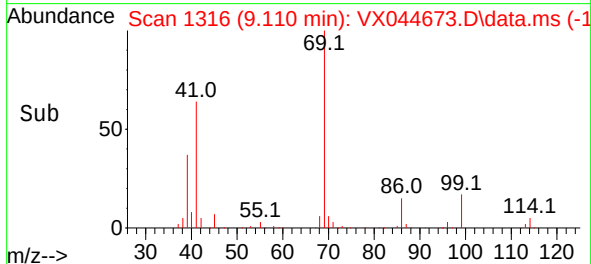
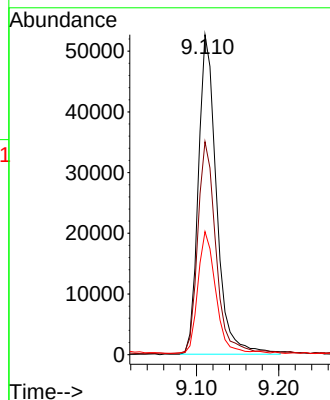
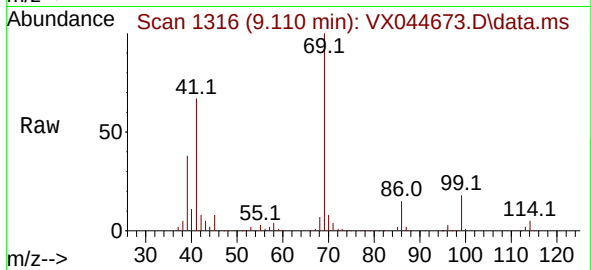




#51
Ethyl methacrylate
Concen: 21.032 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

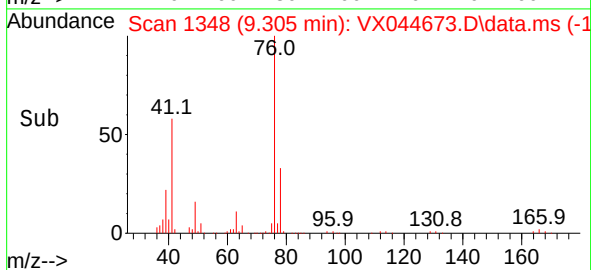
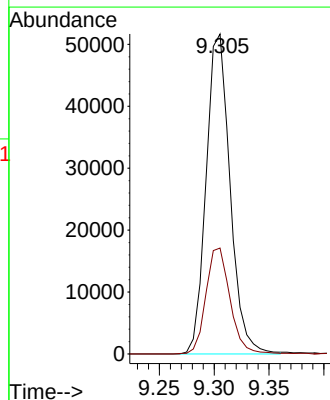
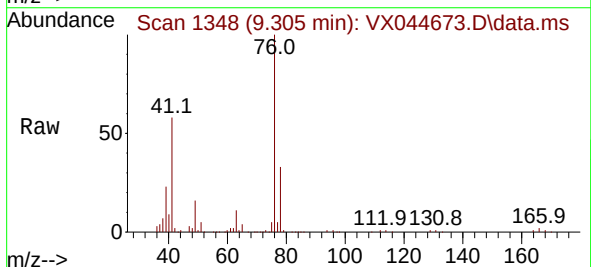
Instrument :
MSVOA_X
ClientSampleId :

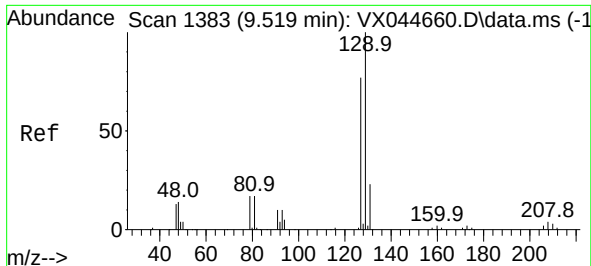
Tgt Ion: 69 Resp: 80926
Ion Ratio Lower Upper
69 100
41 66.1 32.0 96.0
39 38.0 18.6 55.6



#52
1,3-Dichloropropane
Concen: 20.497 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 76 Resp: 78523
Ion Ratio Lower Upper
76 100
78 33.4 0.0 64.0





#53

Dibromochloromethane

Concen: 19.782 ug/l

RT: 9.513 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

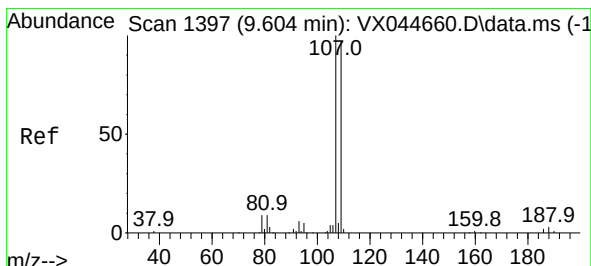
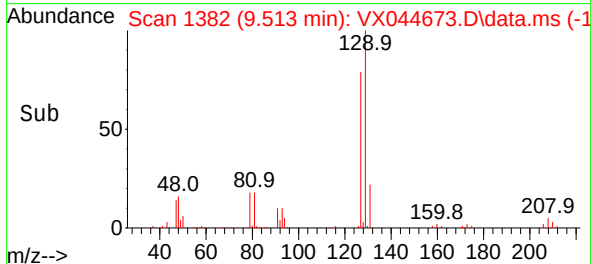
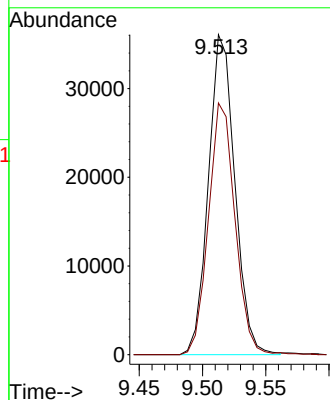
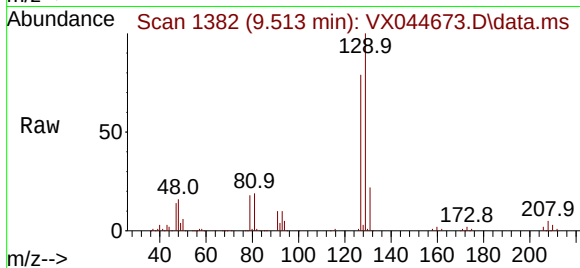
ClientSampleId :

Tgt Ion:129 Resp: 52358

Ion Ratio Lower Upper

129 100

127 79.2 37.8 113.4



#54

1,2-Dibromoethane

Concen: 20.361 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044673.D

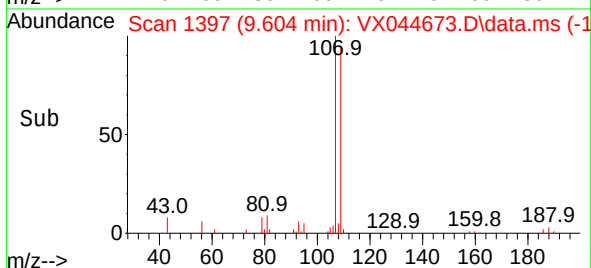
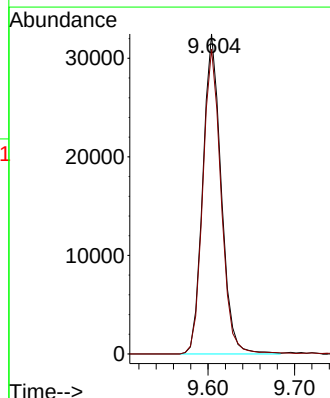
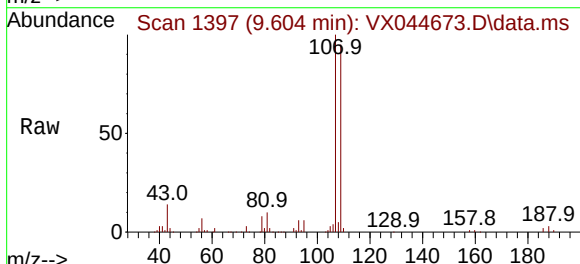
Acq: 16 Jan 2025 16:04

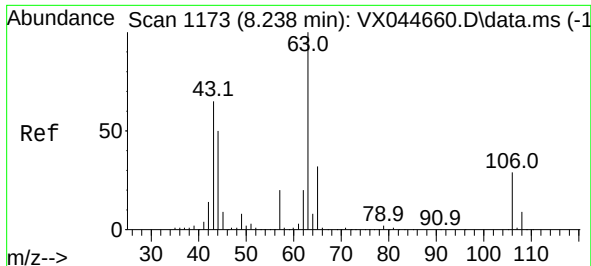
Tgt Ion:107 Resp: 47675

Ion Ratio Lower Upper

107 100

109 95.0 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 104.455 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

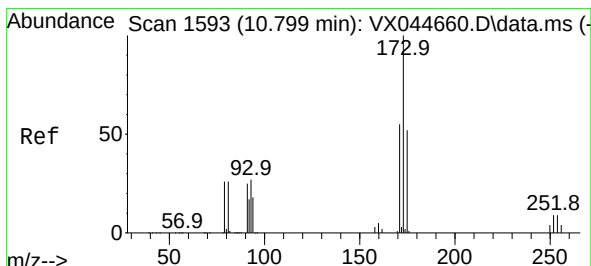
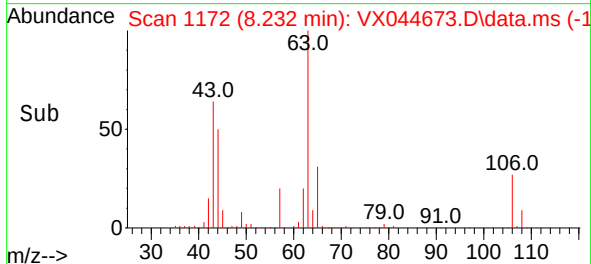
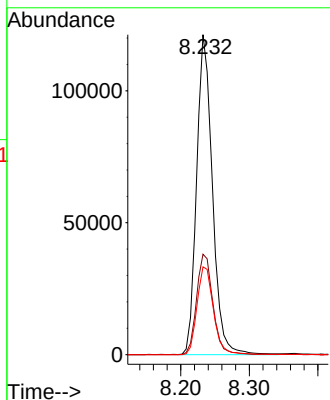
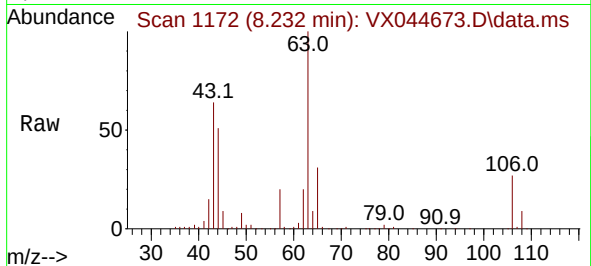
Tgt Ion: 63 Resp: 195017

Ion Ratio Lower Upper

63 100

65 32.4 25.8 38.6

106 28.4 23.1 34.7



#56

Bromoform

Concen: 20.352 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

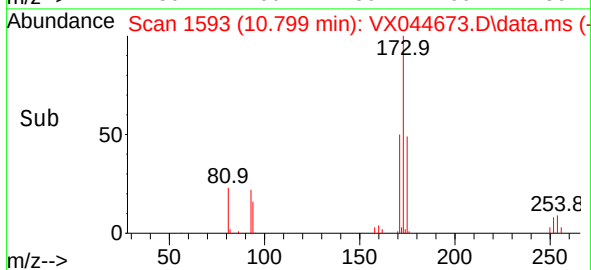
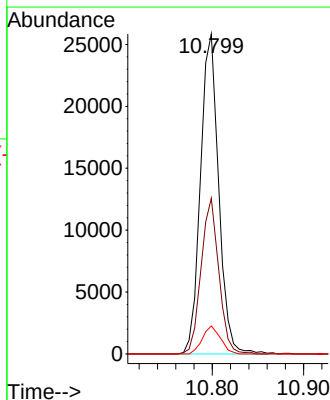
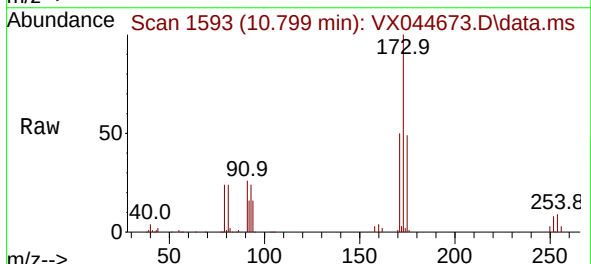
Tgt Ion:173 Resp: 35719

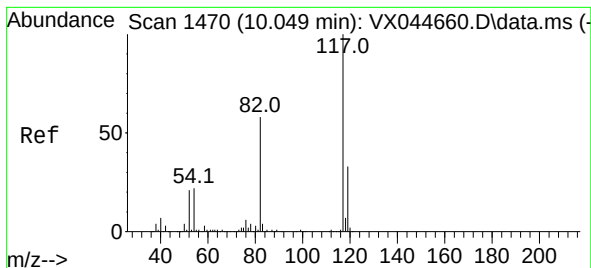
Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.6

254 8.7 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

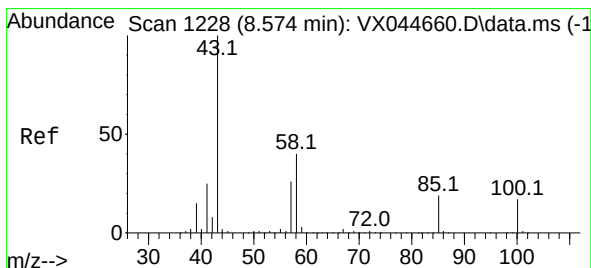
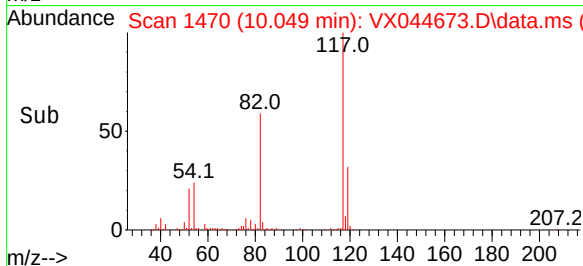
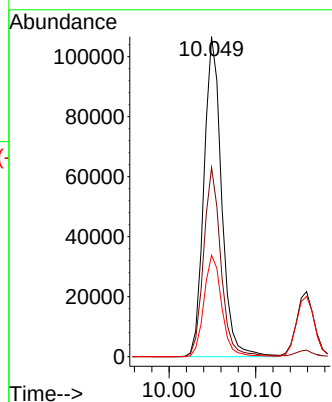
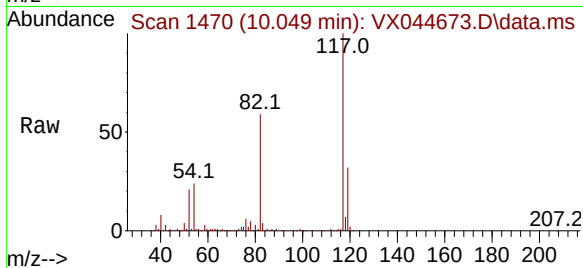
Tgt Ion:117 Resp: 151265

Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.6

119 31.8 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 104.616 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

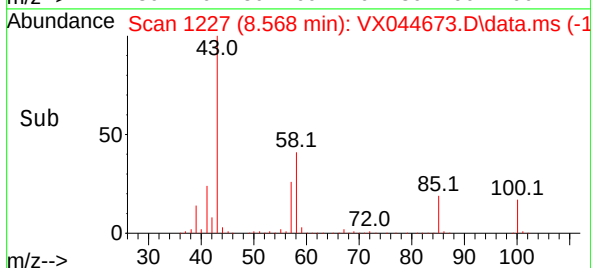
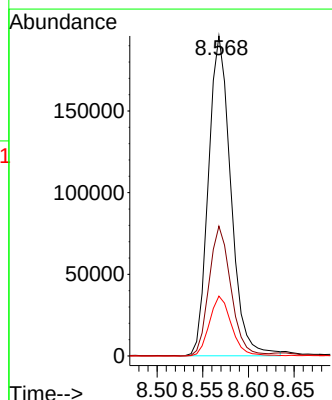
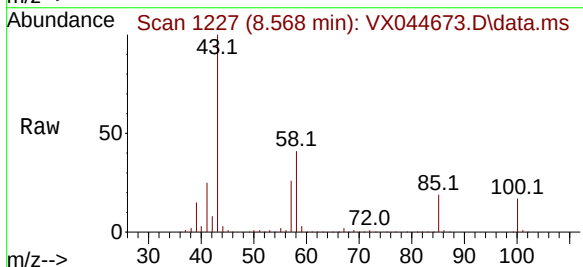
Tgt Ion: 43 Resp: 333561

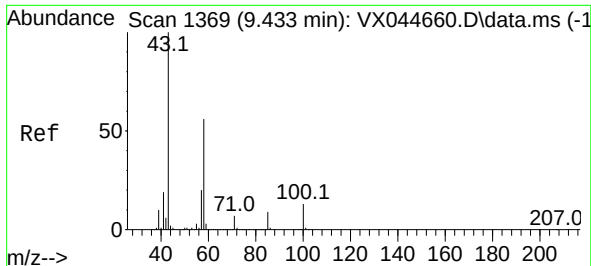
Ion Ratio Lower Upper

43 100

58 39.7 31.7 47.5

85 18.4 15.0 22.6





#59

2-Hexanone

Concen: 105.337 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

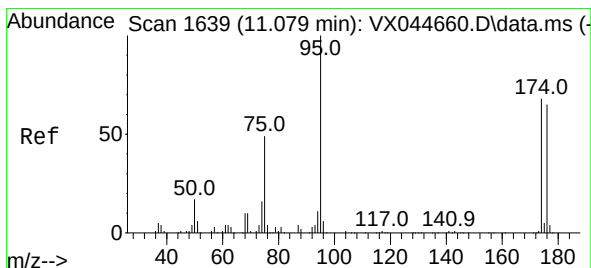
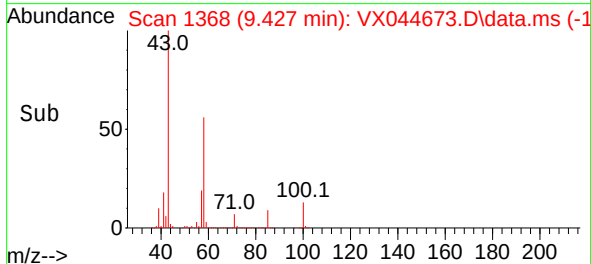
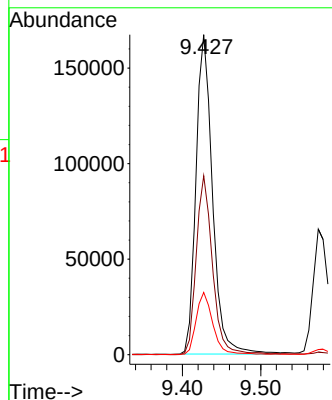
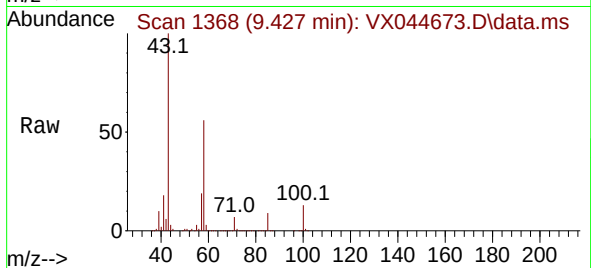
Tgt Ion: 43 Resp: 245886

Ion Ratio Lower Upper

43 100

58 54.6 44.4 66.6

57 19.5 15.5 23.3



#60

4-Bromofluorobenzene

Concen: 30.716 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

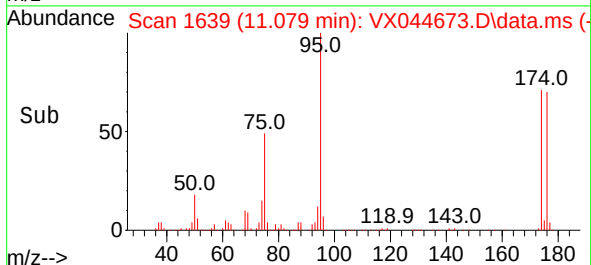
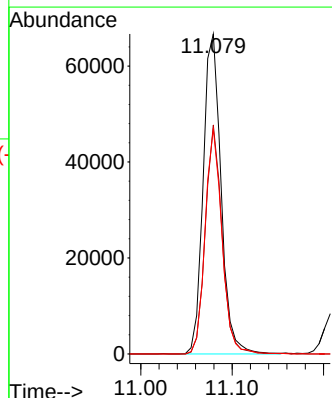
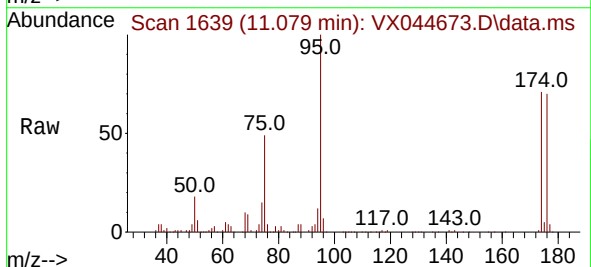
Tgt Ion: 95 Resp: 90245

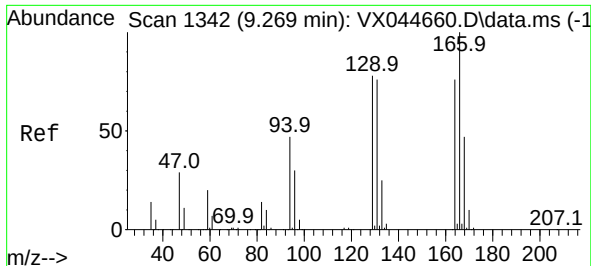
Ion Ratio Lower Upper

95 100

174 66.8 54.6 81.8

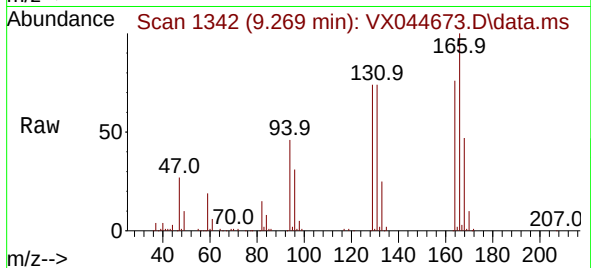
176 66.4 52.8 79.2



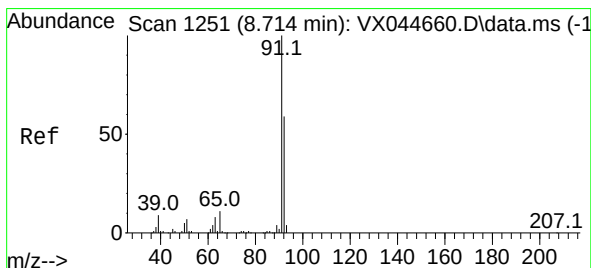
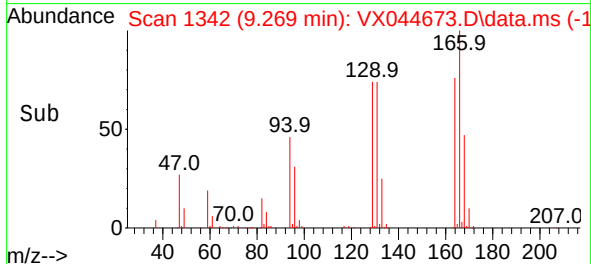
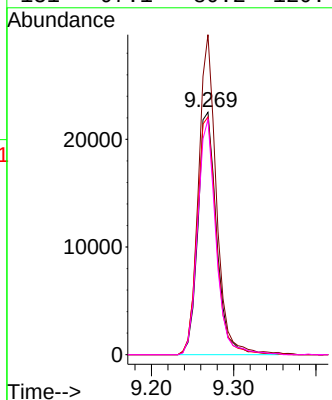


#61
Tetrachloroethene
Concen: 19.687 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

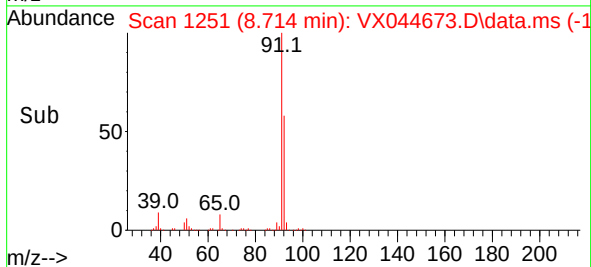
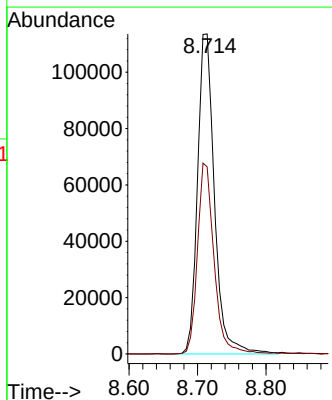
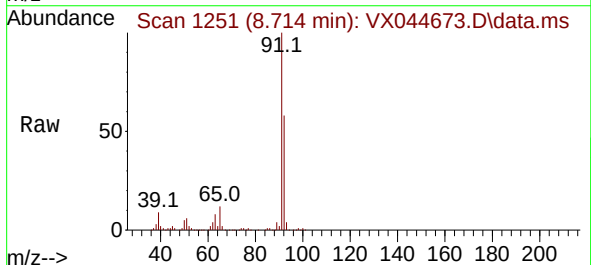


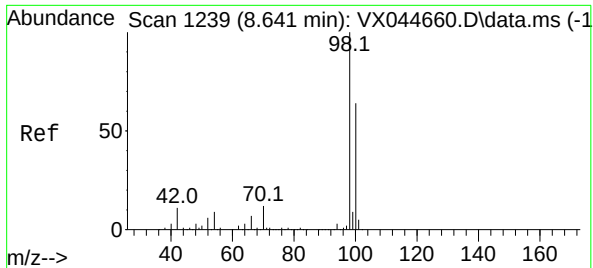
Tgt Ion:164 Resp: 35722
Ion Ratio Lower Upper
164 100
166 132.1 105.6 158.4
129 98.1 82.8 124.2
131 97.1 80.2 120.4



#62
Toluene
Concen: 19.684 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 91 Resp: 196058
Ion Ratio Lower Upper
91 100
92 58.3 47.3 70.9

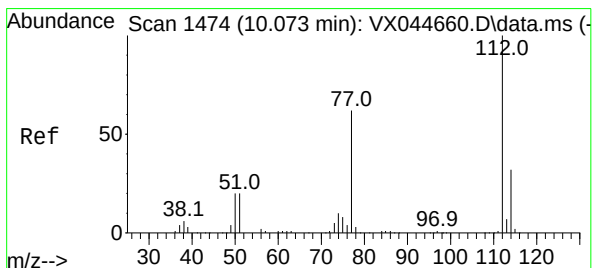
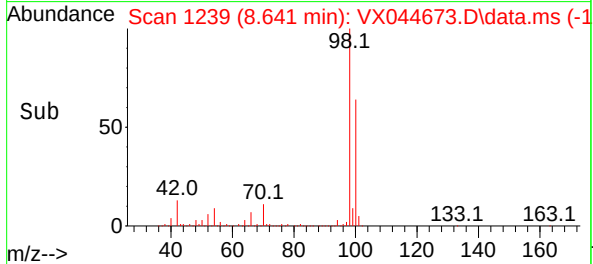
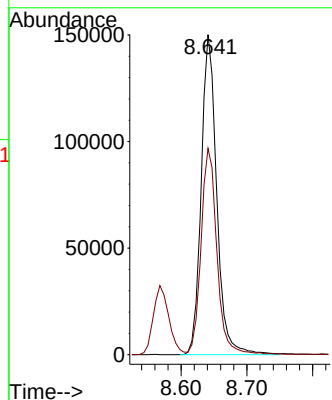
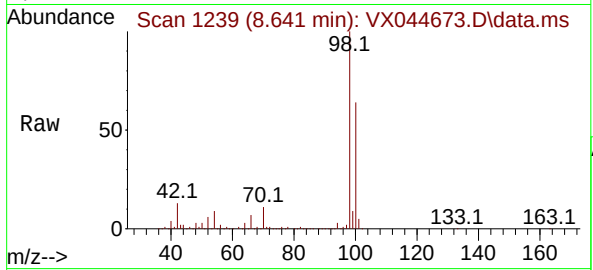




#63
Toluene-d8
Concen: 29.905 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

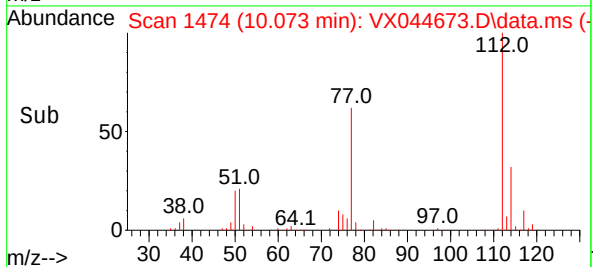
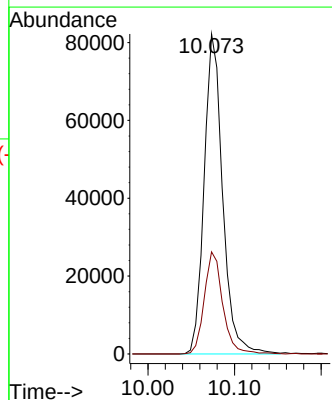
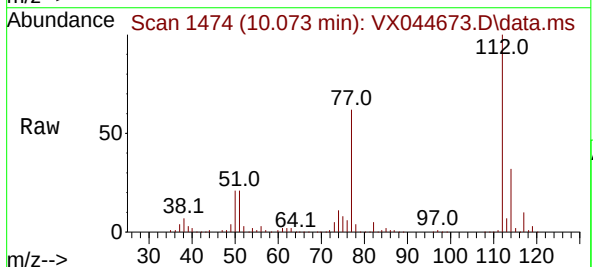
Instrument :
MSVOA_X
ClientSampleId :

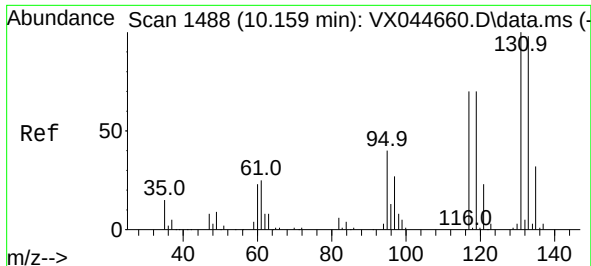
Tgt Ion: 98 Resp: 246039
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4



#64
Chlorobenzene
Concen: 19.708 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 112 Resp: 121910
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.621 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044673.D

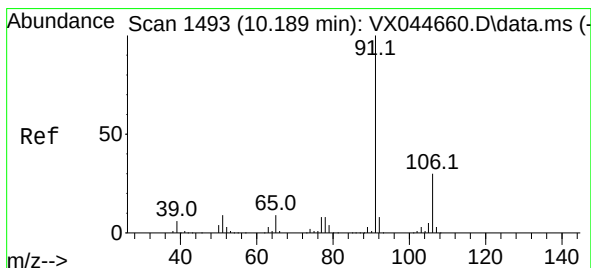
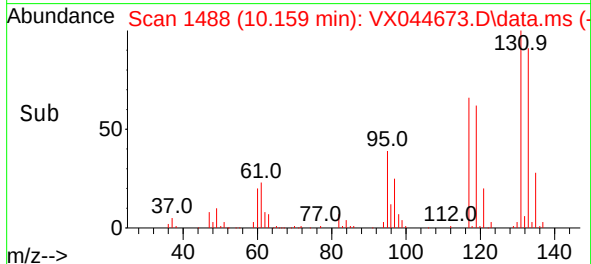
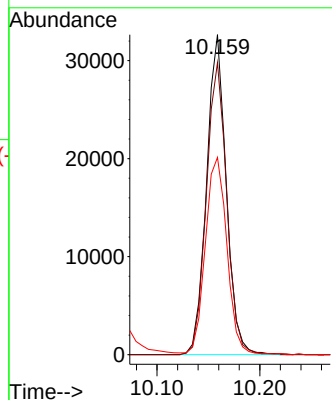
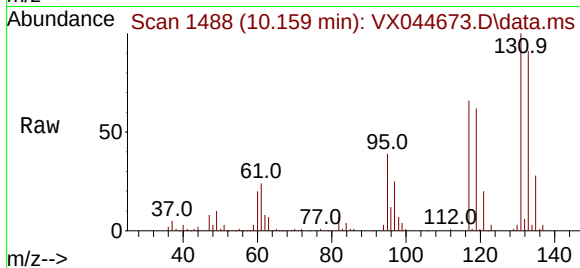
Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:131	Resp:	43600
Ion Ratio	Lower	Upper
131	100	
133	93.8	0.0 192.4
119	67.5	0.0 133.4



#66

Ethyl Benzene

Concen: 19.798 ug/l

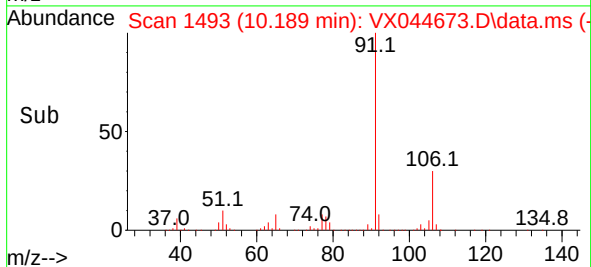
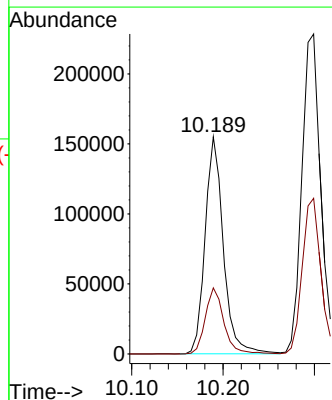
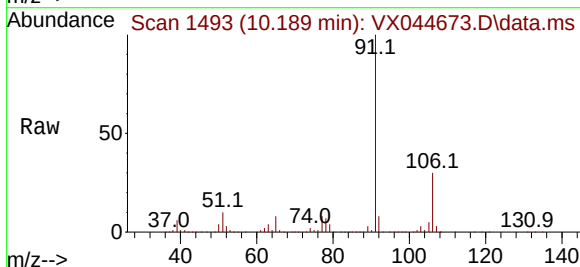
RT: 10.189 min Scan# 1493

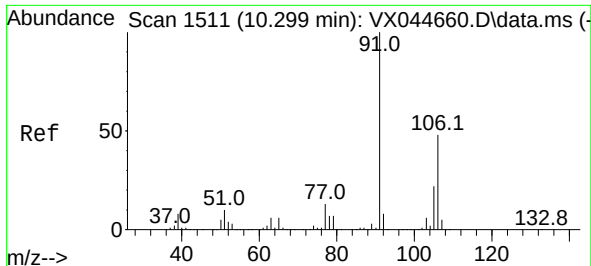
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion: 91	Resp:	215205
Ion Ratio	Lower	Upper
91	100	
106	30.4	24.0 36.0

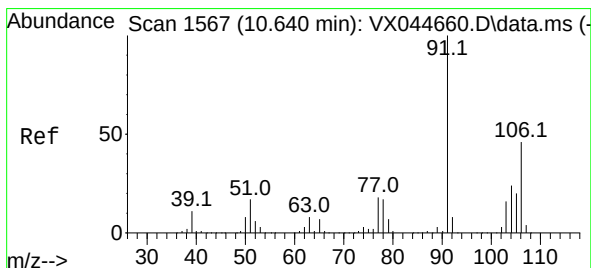
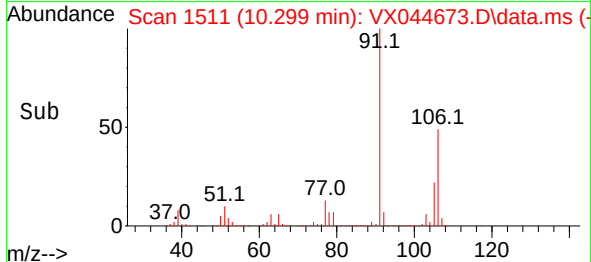
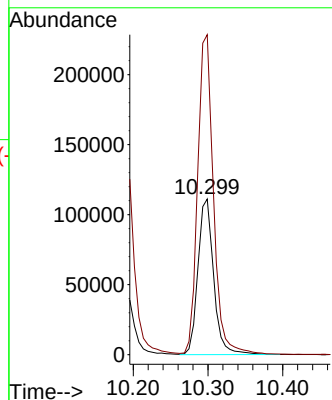
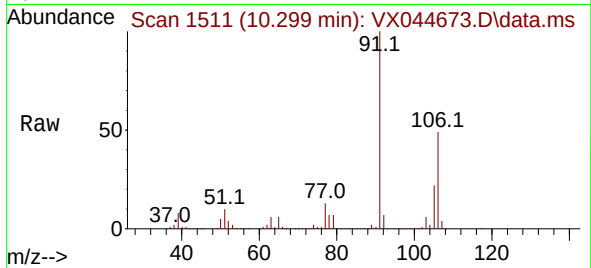




#67
m/p-Xylenes
Concen: 40.577 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

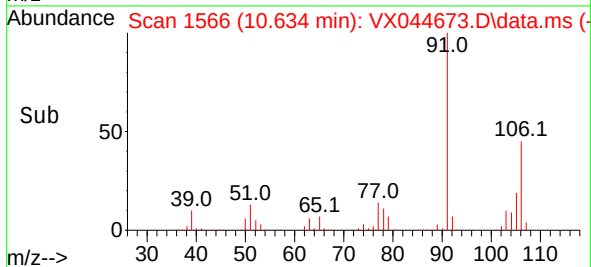
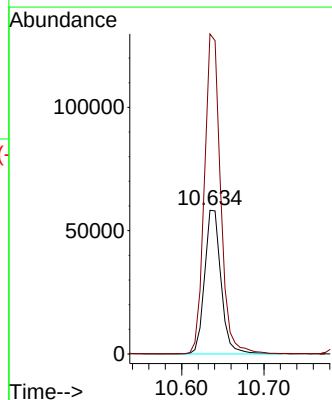
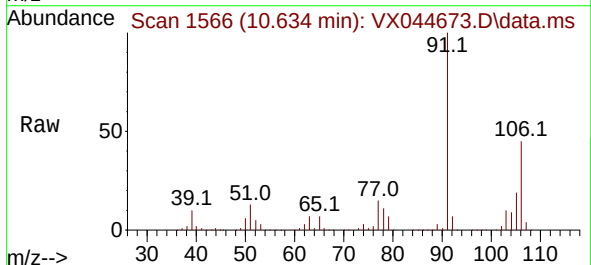
Instrument :
MSVOA_X
ClientSampleId :

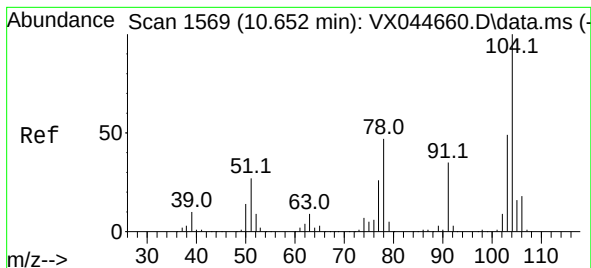
Tgt Ion:106 Resp: 162129
Ion Ratio Lower Upper
106 100
91 207.7 166.8 250.2



#68
o-Xylene
Concen: 20.164 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:106 Resp: 80862
Ion Ratio Lower Upper
106 100
91 219.2 109.7 329.1





#69

Styrene

Concen: 20.220 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

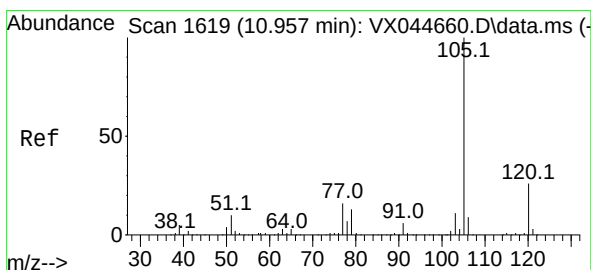
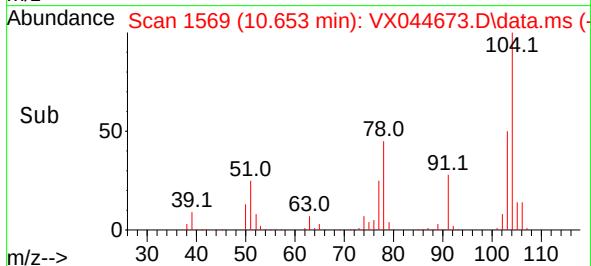
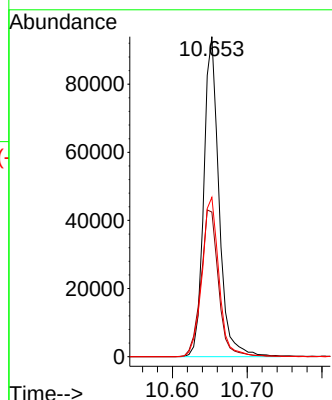
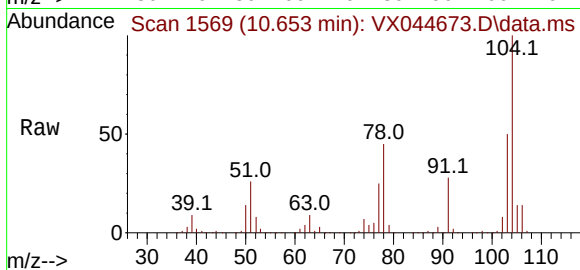
Tgt Ion:104 Resp: 133131

Ion Ratio Lower Upper

104 100

78 52.9 42.0 63.0

103 55.4 43.1 64.7



#70

Isopropylbenzene

Concen: 20.143 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044673.D

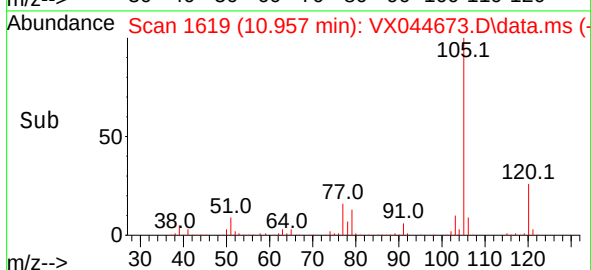
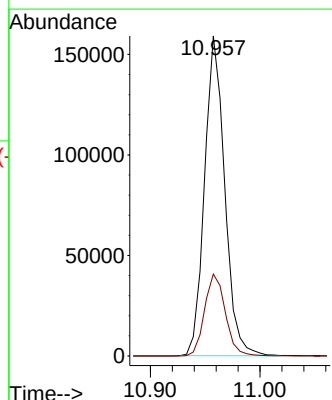
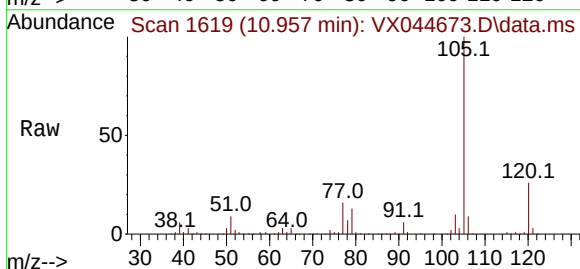
Acq: 16 Jan 2025 16:04

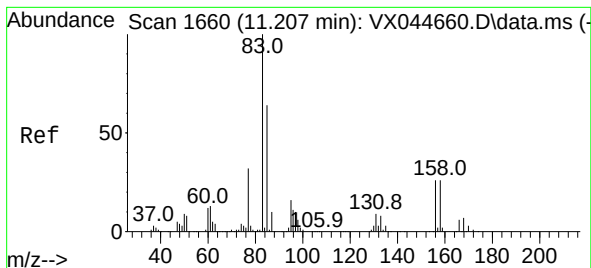
Tgt Ion:105 Resp: 203065

Ion Ratio Lower Upper

105 100

120 26.4 18.6 34.6

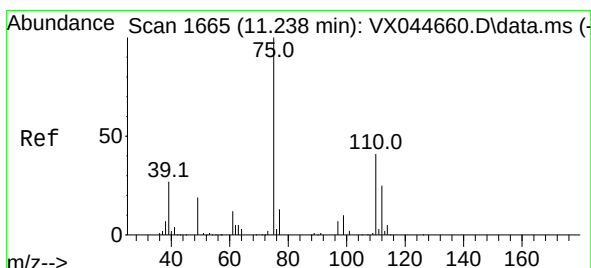
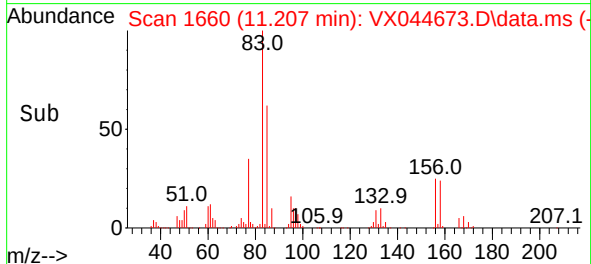
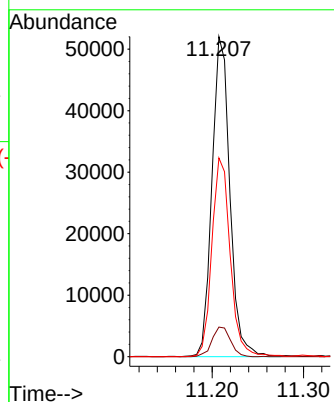
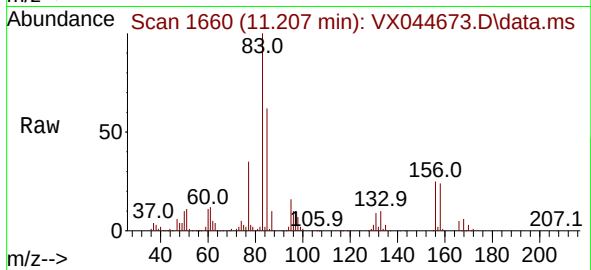




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.841 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

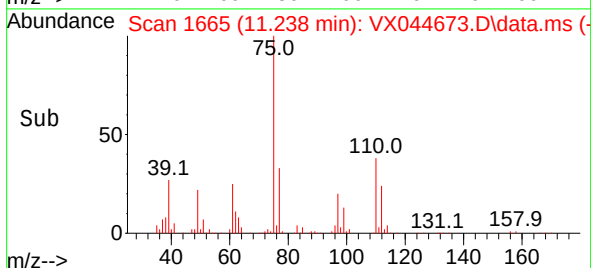
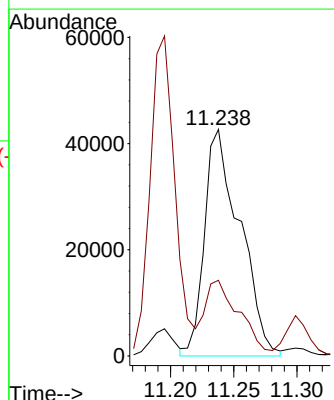
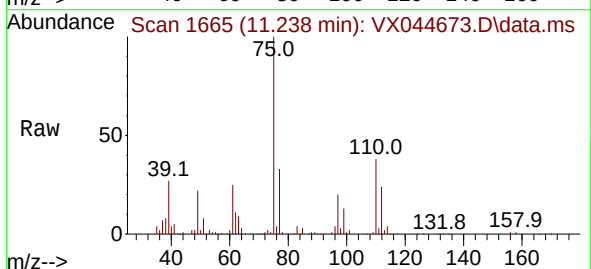
Instrument :
 MSVOA_X
 ClientSampleId :

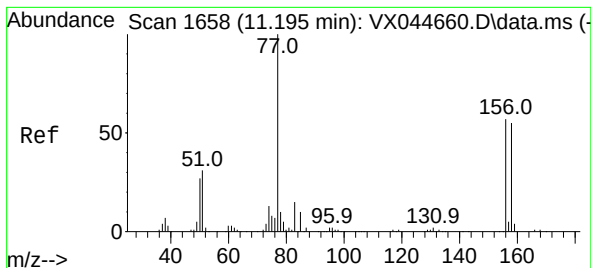
Tgt Ion: 83 Resp: 70632
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 14.9
 85 63.8 33.0 99.0



#72
 1,2,3-Trichloropropane
 Concen: 29.168 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion: 75 Resp: 83165
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 83.0





#73

Bromobenzene

Concen: 19.780 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

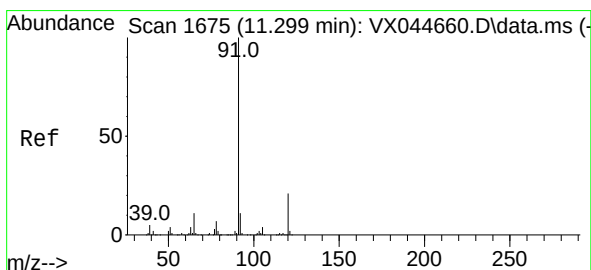
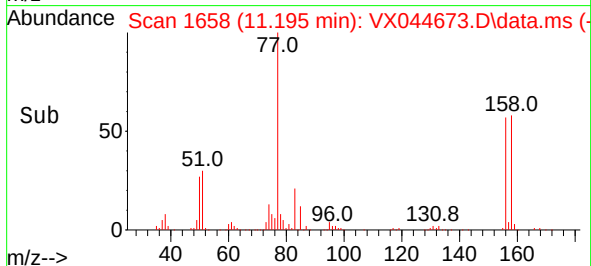
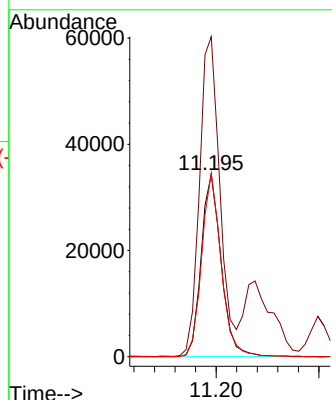
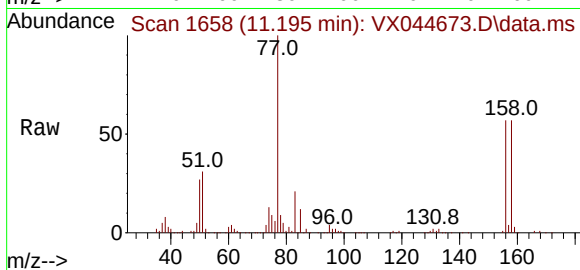
Tgt Ion:156 Resp: 46455

Ion Ratio Lower Upper

156 100

77 179.1 0.0 354.6

158 97.5 0.0 193.6



#74

n-propylbenzene

Concen: 20.382 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044673.D

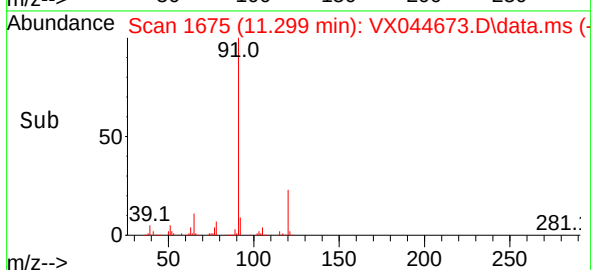
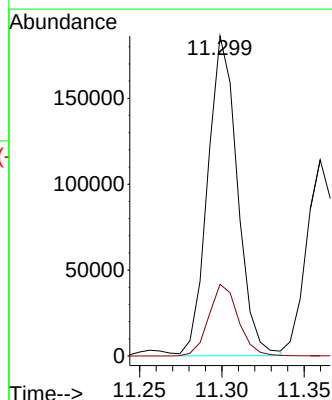
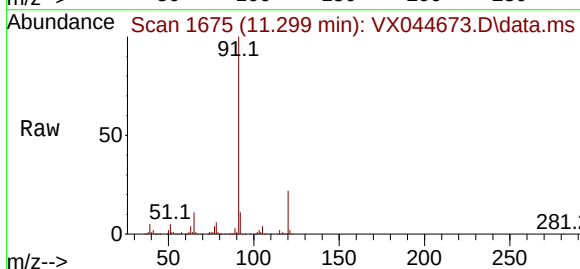
Acq: 16 Jan 2025 16:04

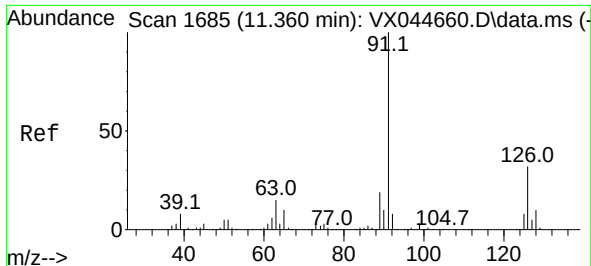
Tgt Ion: 91 Resp: 233390

Ion Ratio Lower Upper

91 100

120 22.3 0.0 45.0

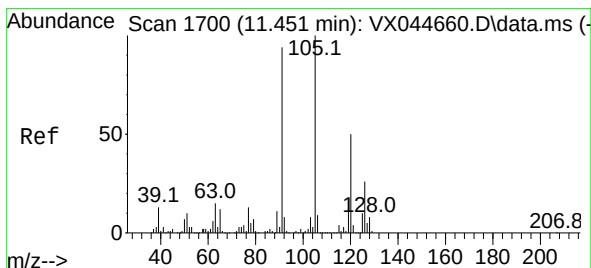
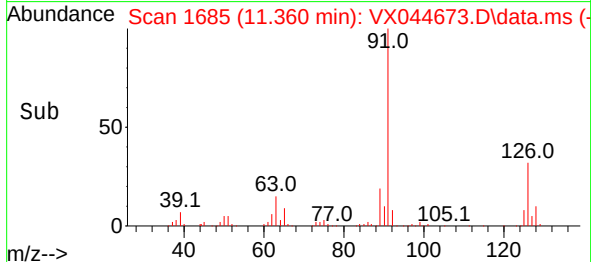
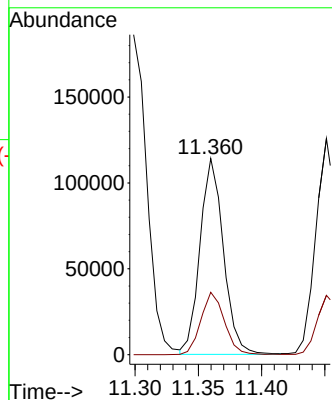
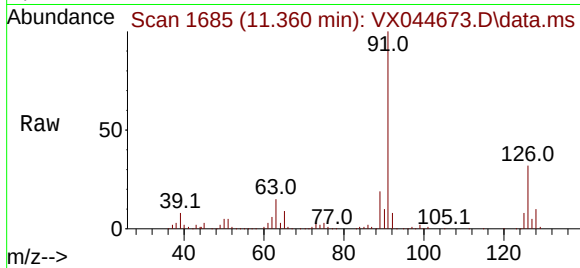




#75
2-Chlorotoluene
Concen: 20.507 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

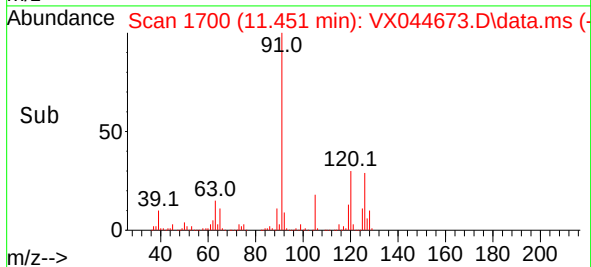
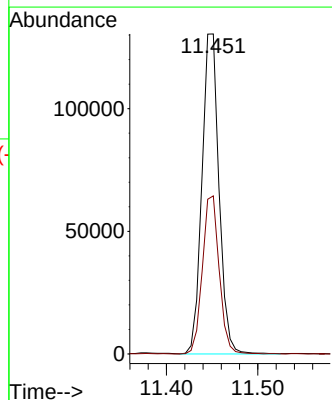
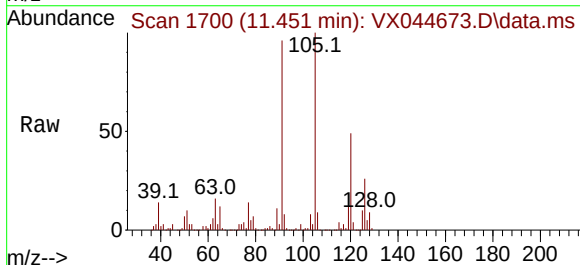
Instrument :
MSVOA_X
ClientSampleId :

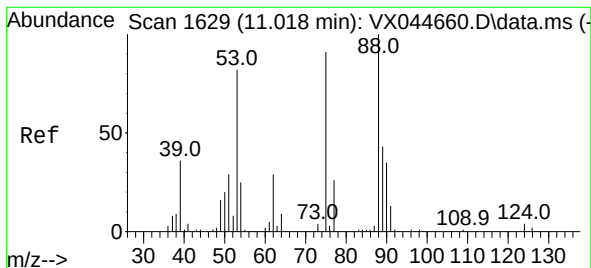
Tgt Ion: 91 Resp: 147629
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 20.650 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 105 Resp: 169063
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.8

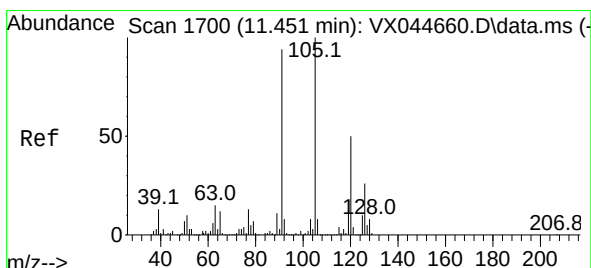
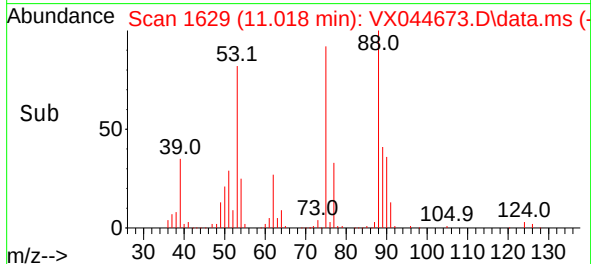
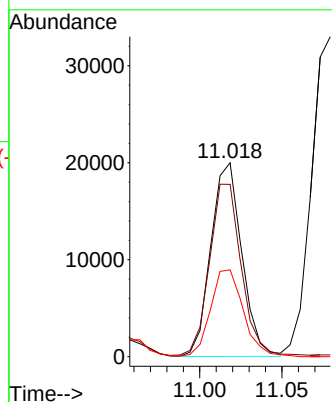
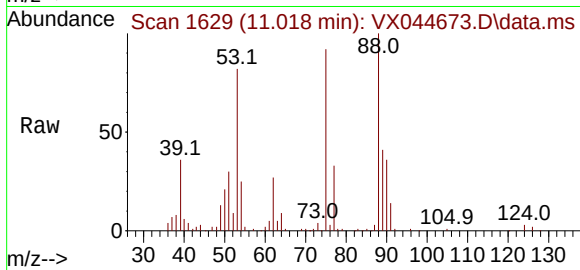




#77
t-1,4-Dichloro-2-butene
Concen: 19.376 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

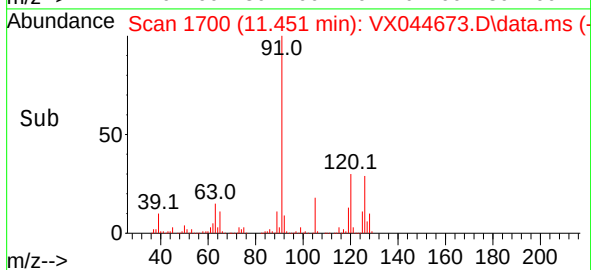
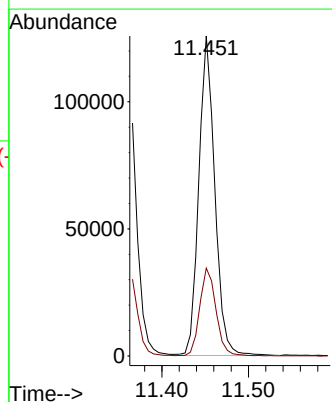
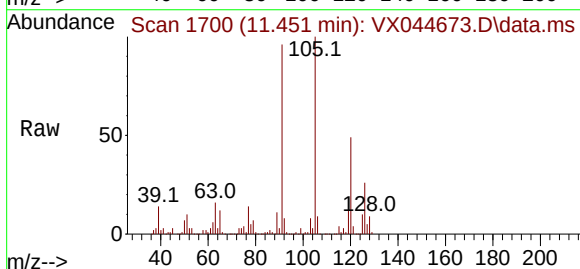
Instrument :
MSVOA_X
ClientSampleId :

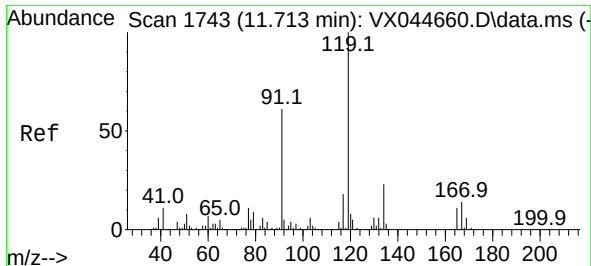
Tgt Ion: 75 Resp: 26136
Ion Ratio Lower Upper
75 100
53 88.2 45.3 135.9
89 44.6 23.8 71.2



#78
4-Chlorotoluene
Concen: 20.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion: 91 Resp: 160564
Ion Ratio Lower Upper
91 100
126 28.0 0.0 55.4





#79

tert-butylbenzene

Concen: 20.675 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

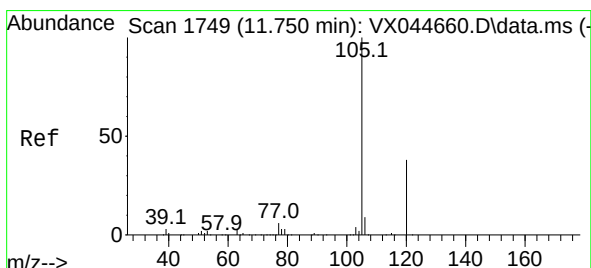
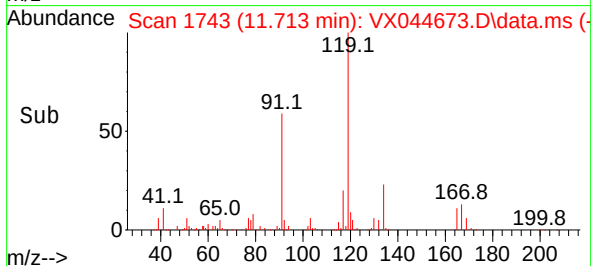
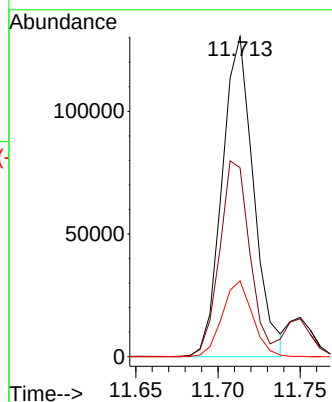
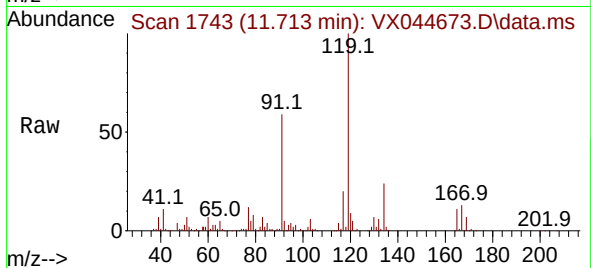
Tgt Ion:119 Resp: 173889

Ion Ratio Lower Upper

119 100

91 58.7 0.0 119.0

134 22.7 0.0 44.8



#80

1,2,4-Trimethylbenzene

Concen: 20.596 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044673.D

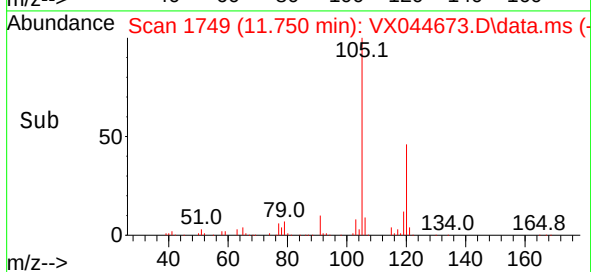
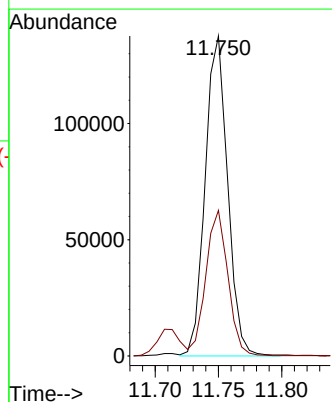
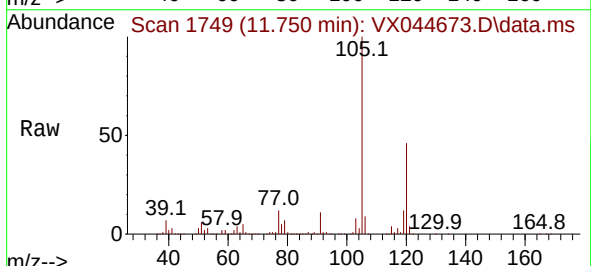
Acq: 16 Jan 2025 16:04

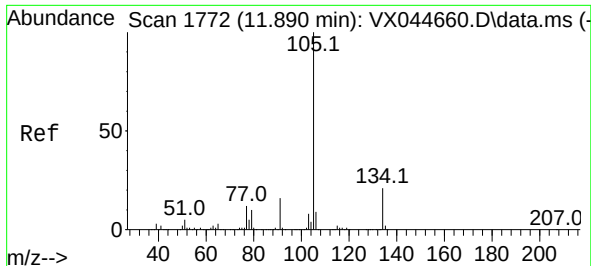
Tgt Ion:105 Resp: 170127

Ion Ratio Lower Upper

105 100

120 44.9 0.0 88.4

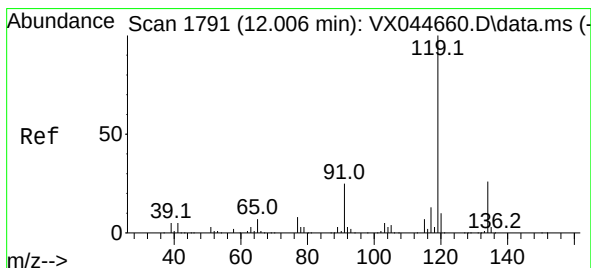
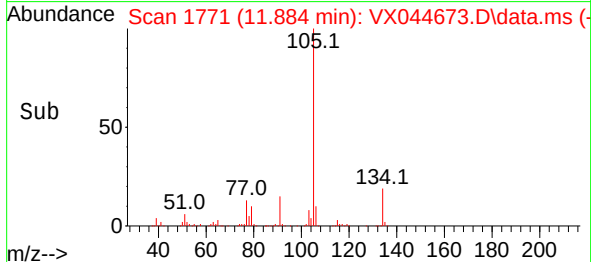
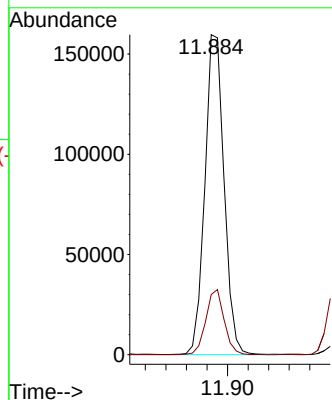
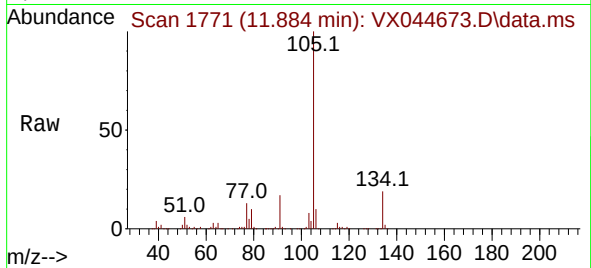




#81
 sec-Butylbenzene
 Concen: 20.694 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

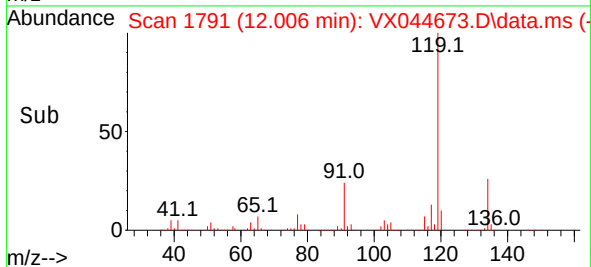
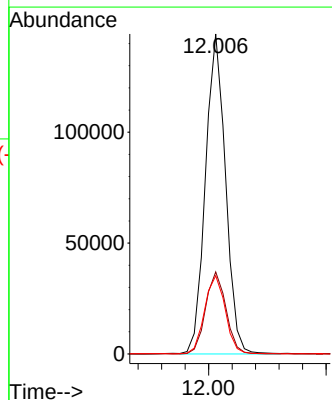
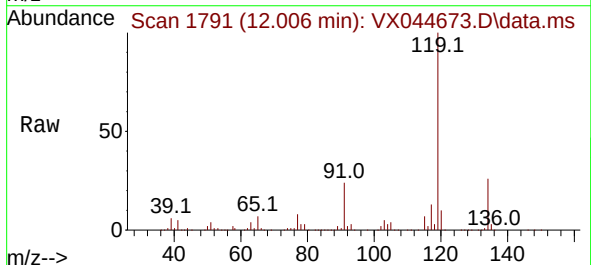
Instrument :
 MSVOA_X
 ClientSampleId :

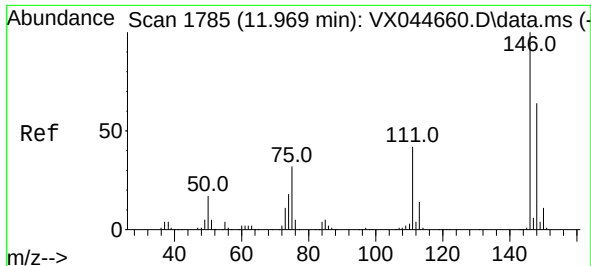
Tgt Ion:105 Resp: 207829
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 20.684 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044673.D
 Acq: 16 Jan 2025 16:04

Tgt Ion:119 Resp: 170965
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.2
 91 25.0 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 20.156 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

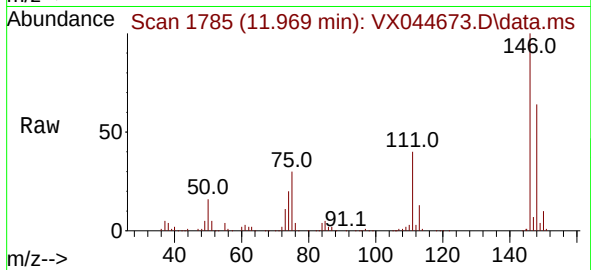
Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :



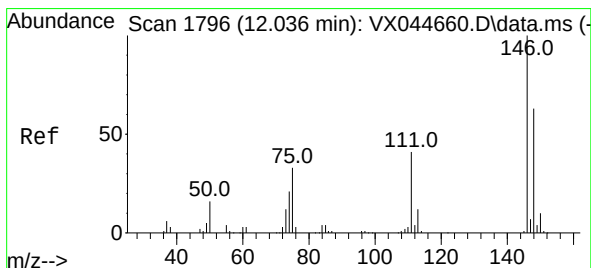
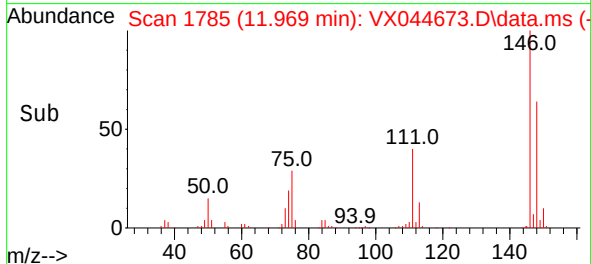
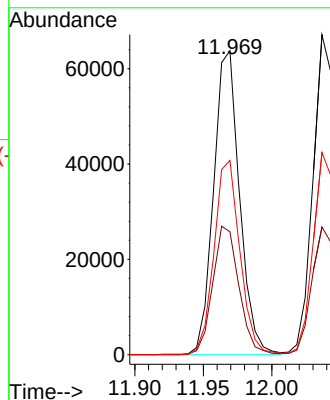
Tgt Ion:146 Resp: 84078

Ion Ratio Lower Upper

146 100

111 42.3 21.6 64.6

148 63.9 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 20.694 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

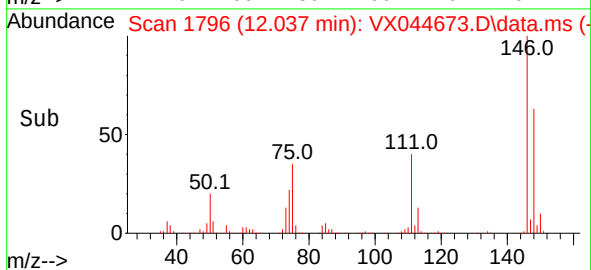
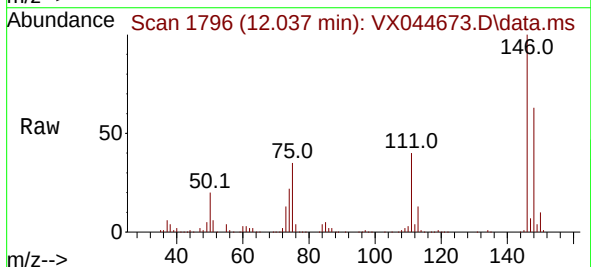
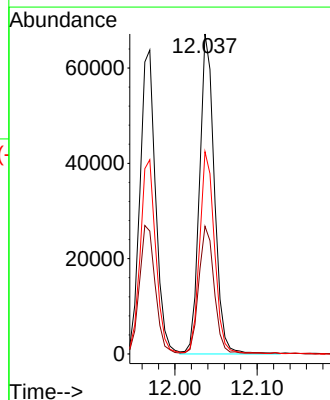
Tgt Ion:146 Resp: 84625

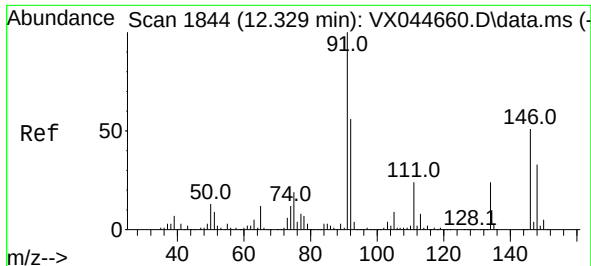
Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.5

148 62.9 32.1 96.5





#85

n-Butylbenzene

Concen: 20.857 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

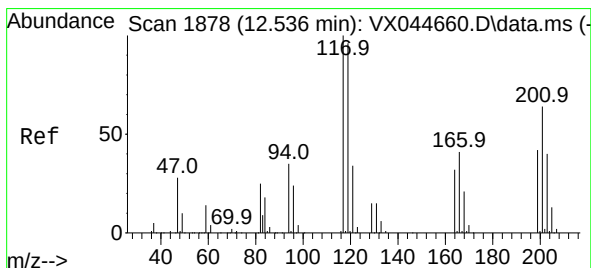
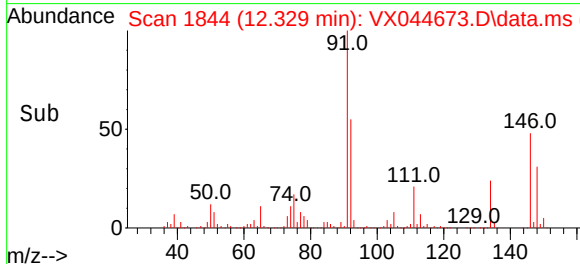
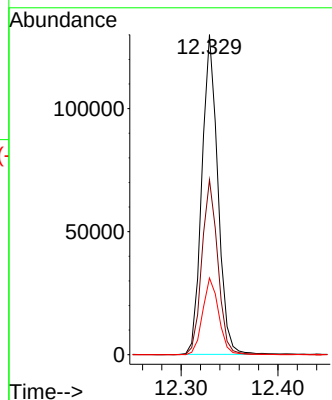
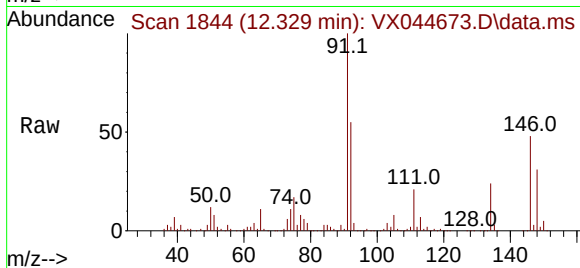
Tgt Ion: 91 Resp: 149438

Ion Ratio Lower Upper

91 100

92 54.4 0.0 109.4

134 24.2 0.0 49.2



#86

Hexachloroethane

Concen: 19.660 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044673.D

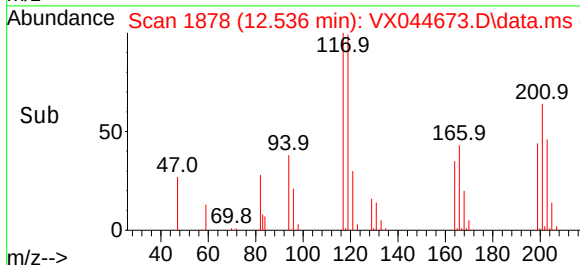
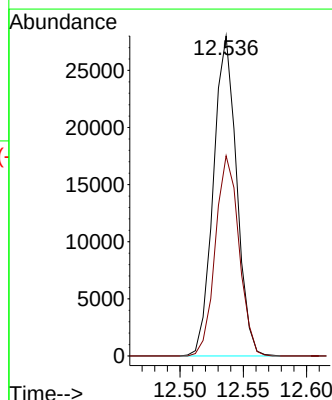
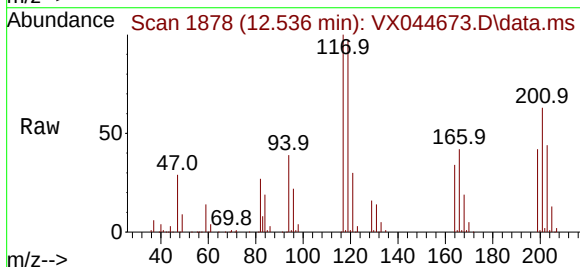
Acq: 16 Jan 2025 16:04

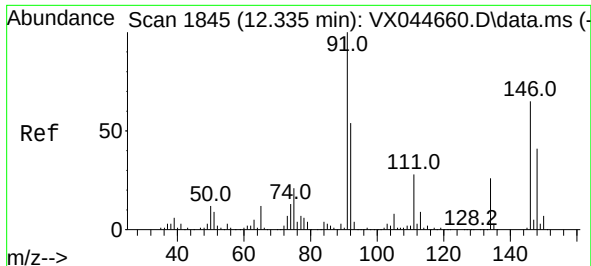
Tgt Ion: 117 Resp: 35748

Ion Ratio Lower Upper

117 100

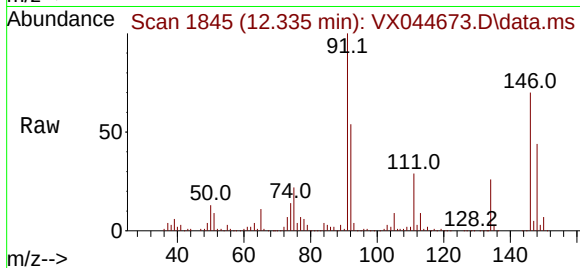
201 63.7 33.0 98.9



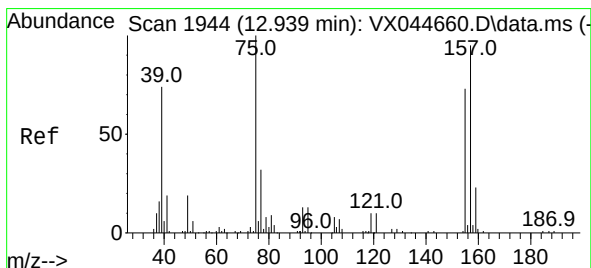
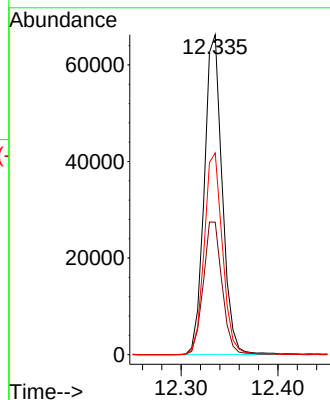
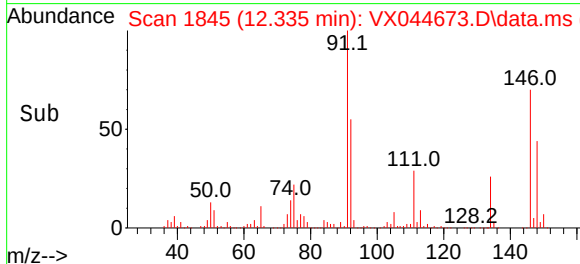


#87
1,2-Dichlorobenzene
Concen: 20.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

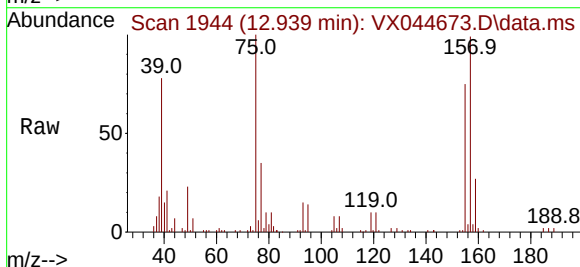
Instrument :
MSVOA_X
ClientSampleId :



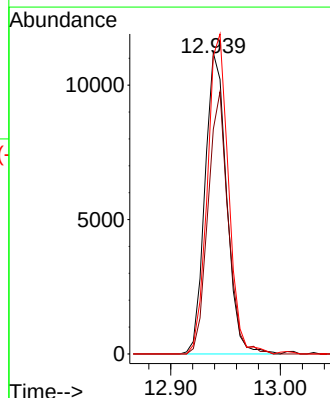
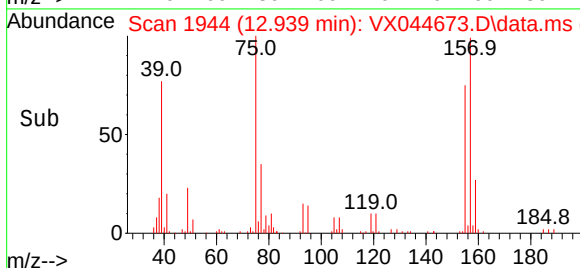
Tgt Ion:146 Resp: 85460
Ion Ratio Lower Upper
146 100
111 43.6 22.2 66.6
148 64.3 32.1 96.3

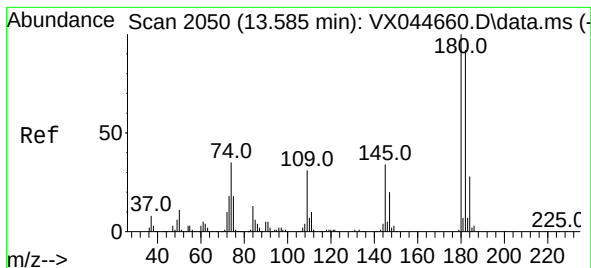


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.783 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04



Tgt Ion: 75 Resp: 15332
Ion Ratio Lower Upper
75 100
155 81.4 62.3 93.5
157 103.0 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 19.682 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044673.D

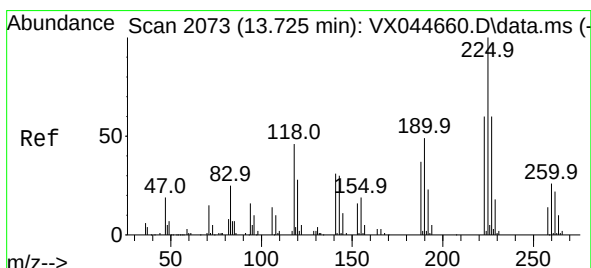
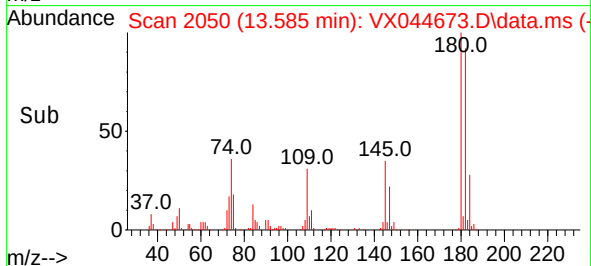
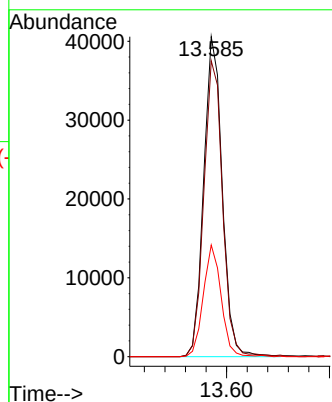
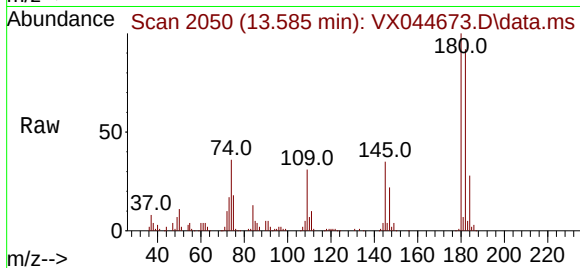
Acq: 16 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	50951
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.6 113.4
145	33.4	26.6 40.0



#90

Hexachlorobutadiene

Concen: 19.451 ug/l

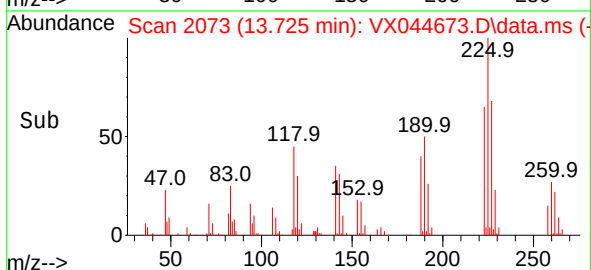
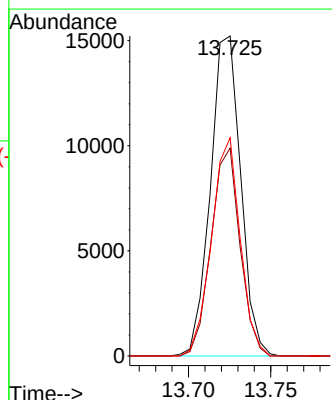
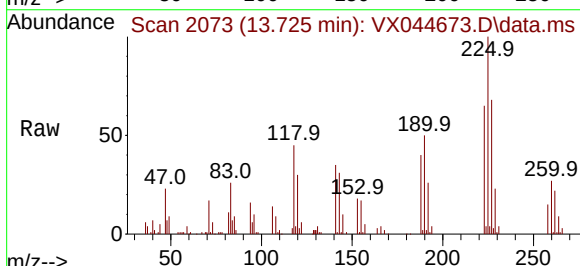
RT: 13.725 min Scan# 2073

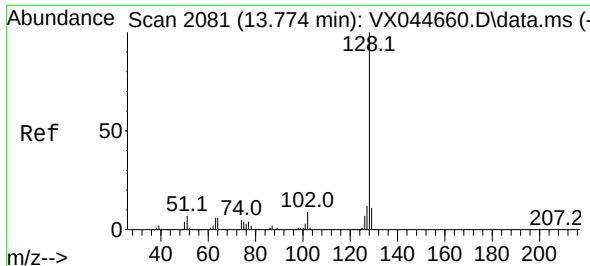
Delta R.T. 0.000 min

Lab File: VX044673.D

Acq: 16 Jan 2025 16:04

Tgt Ion:225	Resp:	19476
Ion Ratio	Lower	Upper
225	100	
223	62.1	0.0 123.0
227	64.6	0.0 124.2

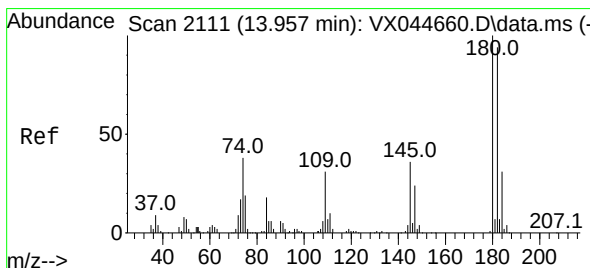
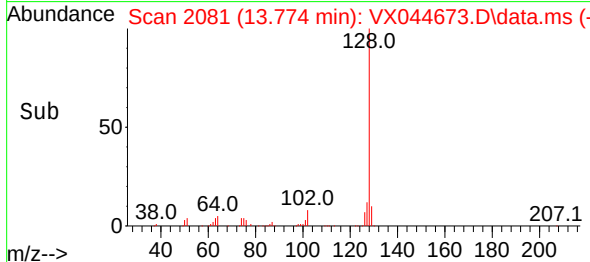
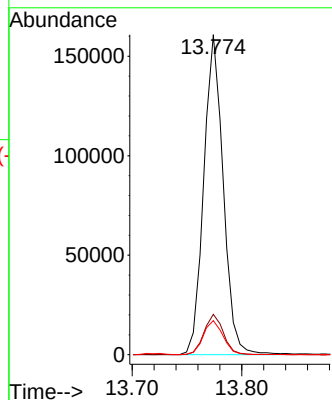
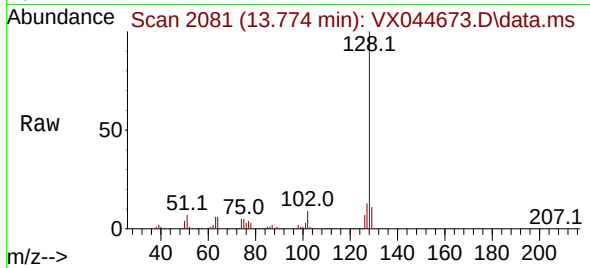




#91
Naphthalene
Concen: 20.484 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 198384
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044673.D
Acq: 16 Jan 2025 16:04

Tgt Ion:180 Resp: 52269
Ion Ratio Lower Upper
180 100
182 93.2 0.0 187.8
145 34.1 0.0 69.8

