

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044660.D
 Acq On : 16 Jan 2025 09:02
 Operator :
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:00:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	33434	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	183316	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	165841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	95855	29.698	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.000%
60) 4-Bromofluorobenzene	11.079	95	95915	29.776	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.267%
63) Toluene-d8	8.641	98	268606	29.779	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59011	21.978	ug/l	100
3) Chloromethane	1.301	50	64444	20.609	ug/l	100
4) Vinyl Chloride	1.374	62	61288	20.032	ug/l	100
5) Bromomethane	1.593	94	14449	19.557	ug/l	100
6) Chloroethane	1.666	64	9612	19.455	ug/l	100
7) Trichlorofluoromethane	1.867	101	66116	19.733	ug/l	100
8) Diethyl Ether	2.136	74	25682	19.869	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	46585	19.407	ug/l	100
10) 1,1-Dichloroethene	2.313	96	48300	19.557	ug/l	100
11) Methyl Iodide	2.447	142	69610	20.341	ug/l	100
12) Methyl Acetate	2.703	43	70020	19.421	ug/l	100
13) Acrolein	2.239	56	32834	82.358	ug/l	100
14) Acrylonitrile	3.062	53	133148	101.348	ug/l	100
15) Acetone	2.386	58	34632	98.240	ug/l	100
16) Carbon Disulfide	2.502	76	135960	19.810	ug/l	100
17) Allyl chloride	2.654	41	90204	20.254	ug/l	100
18) Methylene Chloride	2.782	84	56413	20.405	ug/l	100
19) trans-1,2-Dichloroethene	3.081	96	49084	19.989	ug/l	100
20) Diisopropyl ether	3.757	45	166654	20.616	ug/l	100
21) 1,1-Dichloroethane	3.605	63	96629	20.151	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	62694	20.628	ug/l	100
23) tert-Butyl Alcohol	2.977	59	37471	65.743	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	174439	20.386	ug/l	100
25) Chloroform	5.086	83	97039	20.366	ug/l	100
26) Cyclohexane	5.458	56	79956	19.839	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	63605	19.948	ug/l	100
30) 2-Butanone	4.556	43	180079	102.811	ug/l	100
31) 2,2-Dichloropropane	4.471	77	89122	20.198	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	85820	20.310	ug/l	100
33) Carbon Tetrachloride	5.666	117	71722	20.121	ug/l	100
34) Benzene	6.031	78	210959	20.737	ug/l	100
35) Methacrylonitrile	4.922	41	39575	20.216	ug/l	100
36) 1,2-Dichloroethane	6.080	62	75287	20.699	ug/l	100
37) Trichloroethene	7.123	130	49474	20.143	ug/l	100
38) Methylcyclohexane	7.373	83	84540	19.514	ug/l	100
39) 1,2-Dichloropropane	7.421	63	52299	20.616	ug/l	100
40) Dibromomethane	7.580	93	38410	20.366	ug/l	100
41) Bromodichloromethane	7.818	83	80017	20.548	ug/l	100
42) Vinyl Acetate	3.715	43	725170	104.251	ug/l	100

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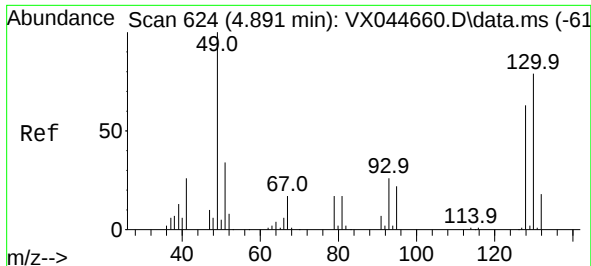
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.556	43	180079	52.411	ug/l	100
44) Isopropyl Acetate	6.336	43	127474	20.652	ug/l	100
45) 1,4-Dioxane	7.677	88	25021	425.692	ug/l	100
46) Methyl methacrylate	7.690	41	62145	20.568	ug/l	100
47) n-amyl Acetate	10.841	43	110225	21.278	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	85014	20.683	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	91440	20.747	ug/l	100
50) 1,1,2-Trichloroethane	9.147	97	51190	21.040	ug/l	100
51) Ethyl methacrylate	9.116	69	88025	20.861	ug/l	100
52) 1,3-Dichloropropane	9.305	76	87800	20.900	ug/l	100
53) Dibromochloromethane	9.519	129	61431	21.165	ug/l	100
54) 1,2-Dibromoethane	9.604	107	53825	20.963	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	214240	104.779	ug/l	100
56) Bromoform	10.799	173	39538	20.544	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	358614	102.588	ug/l	100
59) 2-Hexanone	9.433	43	261785	102.292	ug/l	100
61) Tetrachloroethene	9.269	164	38724	19.466	ug/l	100
62) Toluene	8.714	91	218070	19.970	ug/l	100
64) Chlorobenzene	10.073	112	136037	20.059	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	49228	20.207	ug/l	100
66) Ethyl Benzene	10.189	91	241177	20.238	ug/l	100
67) m/p-Xylenes	10.299	106	180626	41.233	ug/l	100
68) o-Xylene	10.640	106	90982	20.694	ug/l	100
69) Styrene	10.652	104	150095	20.793	ug/l	100
70) Isopropylbenzene	10.957	105	226317	20.476	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	75650	20.326	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	88770	28.398	ug/l	82
73) Bromobenzene	11.195	156	52618	20.435	ug/l	100
74) n-propylbenzene	11.299	91	255513	20.339	ug/l	100
75) 2-Chlorotoluene	11.360	91	162457	20.573	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	185378	20.653	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	29516	19.959	ug/l	100
78) 4-Chlorotoluene	11.451	91	177891	20.455	ug/l	100
79) tert-butylbenzene	11.713	119	191290	20.745	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	186763	20.623	ug/l	100
81) sec-Butylbenzene	11.890	105	224992	20.434	ug/l	100
82) p-Isopropyltoluene	12.006	119	186107	20.537	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	92976	20.330	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	92092	20.540	ug/l	100
85) n-Butylbenzene	12.329	91	156896	19.973	ug/l	100
86) Hexachloroethane	12.536	117	39754	19.941	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	94144	20.614	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	17538	19.597	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	54885	19.338	ug/l	100
90) Hexachlorobutadiene	13.725	225	21996	20.036	ug/l	100
91) Naphthalene	13.774	128	214309	20.183	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	58101	20.127	ug/l	100

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

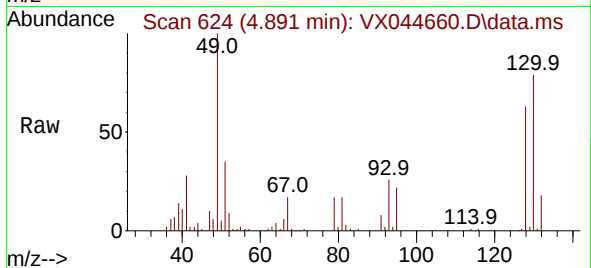
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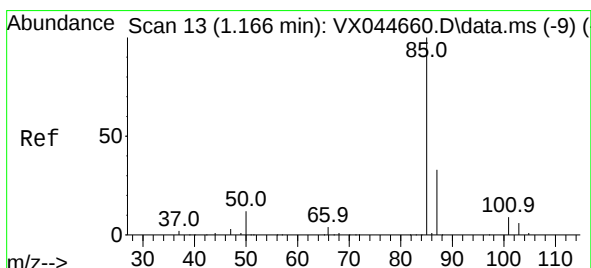
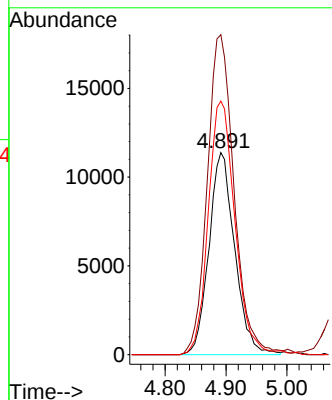
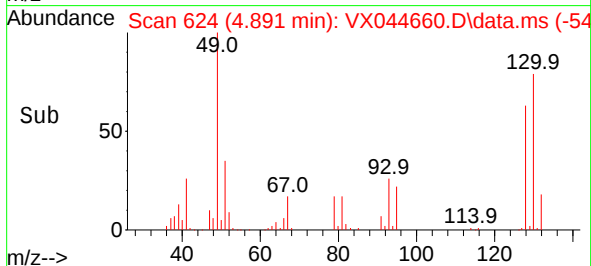


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :

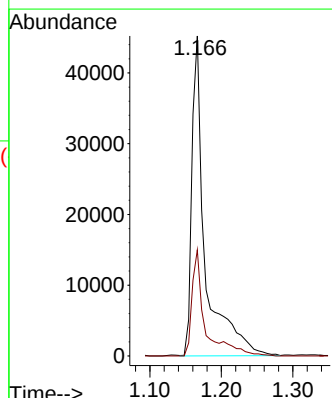
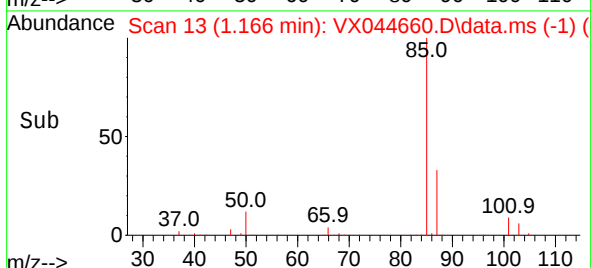
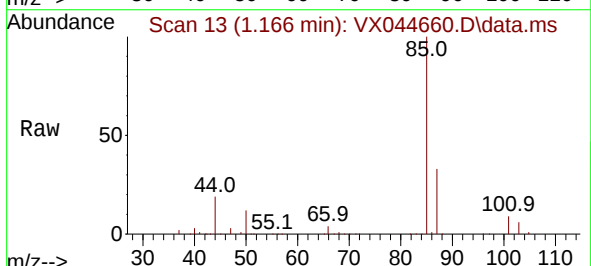


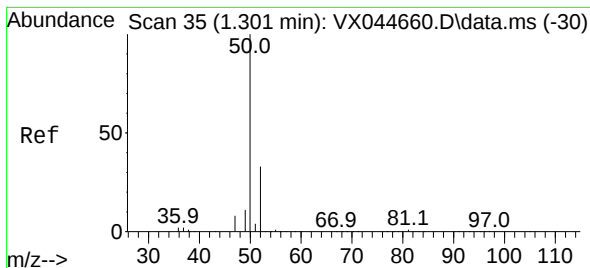
Tgt Ion:128 Resp: 33434
Ion Ratio Lower Upper
128 100
49 164.6 0.0 411.5
130 129.7 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 21.978 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 85 Resp: 59011
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3

Chloromethane

Concen: 20.609 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

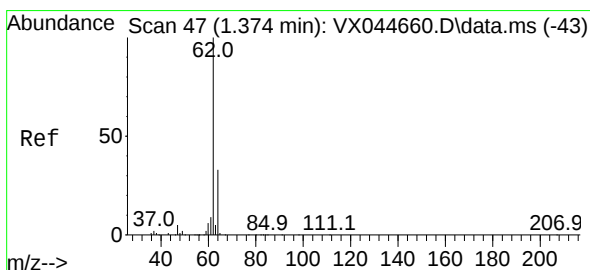
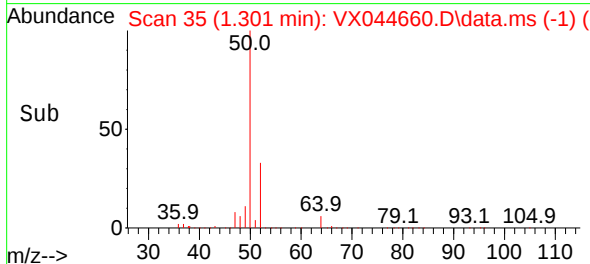
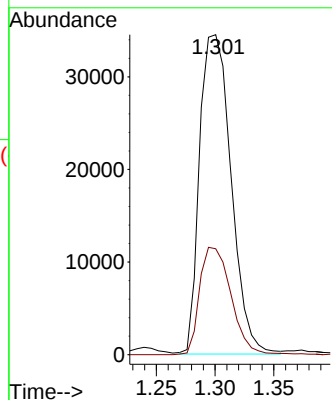
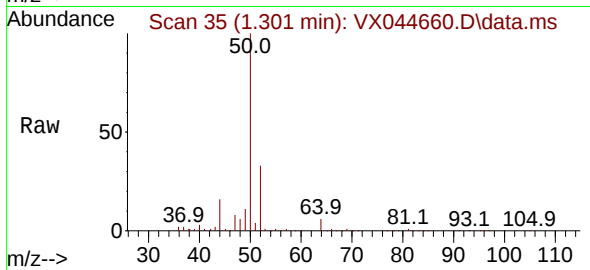
ClientSampleId :

Tgt Ion: 50 Resp: 64444

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 20.032 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044660.D

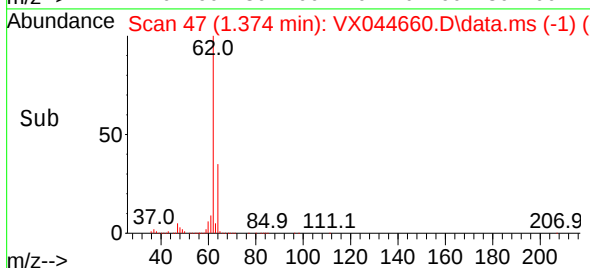
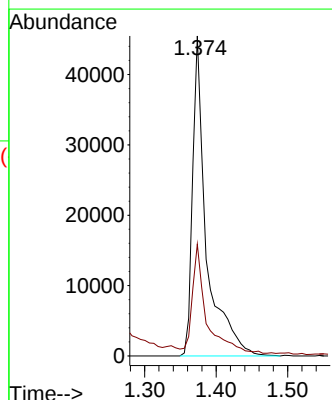
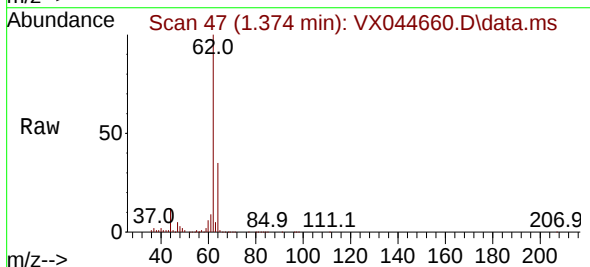
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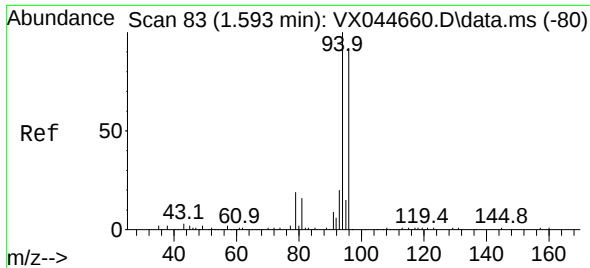
Tgt Ion: 62 Resp: 61288

Ion Ratio Lower Upper

62 100

64 34.1 27.3 40.9

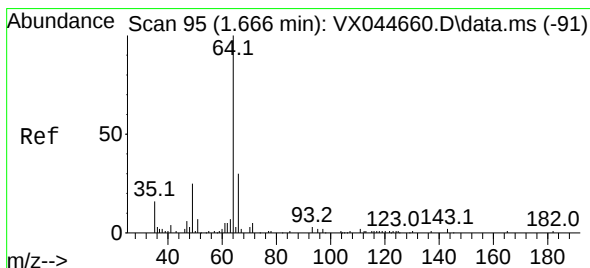
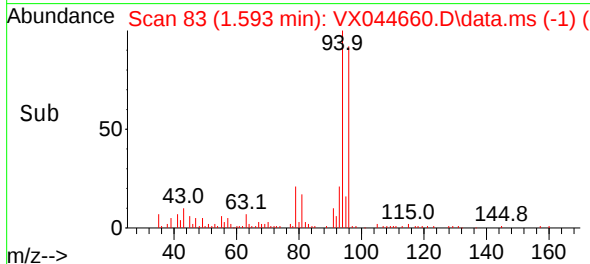
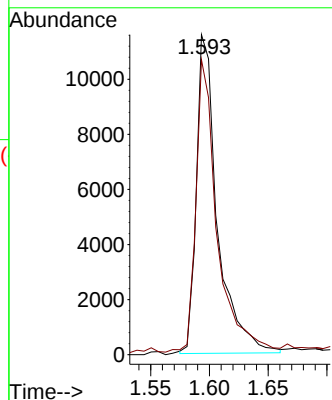
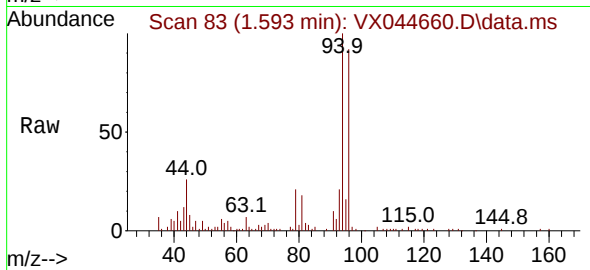




#5
Bromomethane
Concen: 19.557 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

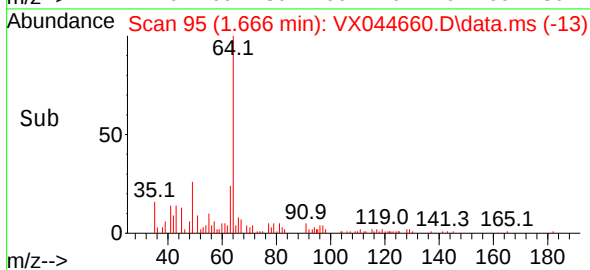
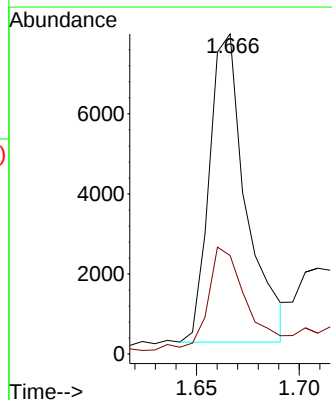
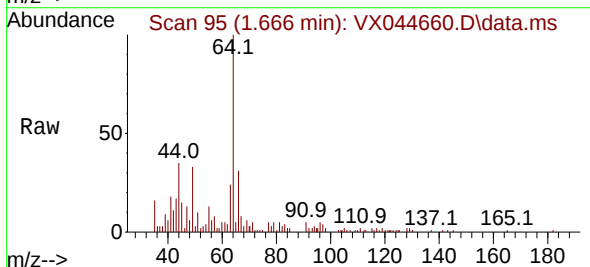
Instrument :
MSVOA_X
ClientSampleId :

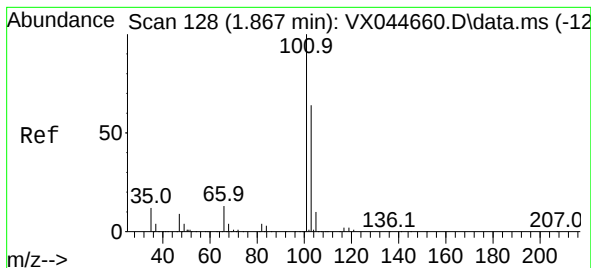
Tgt Ion: 94 Resp: 14449
Ion Ratio Lower Upper
94 100
96 91.6 73.3 109.9



#6
Chloroethane
Concen: 19.455 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 64 Resp: 9612
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6





#7

Trichlorofluoromethane

Concen: 19.733 ug/l

RT: 1.867 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

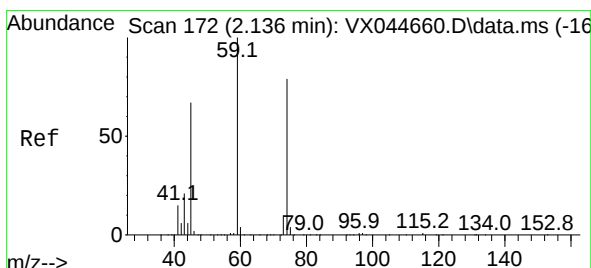
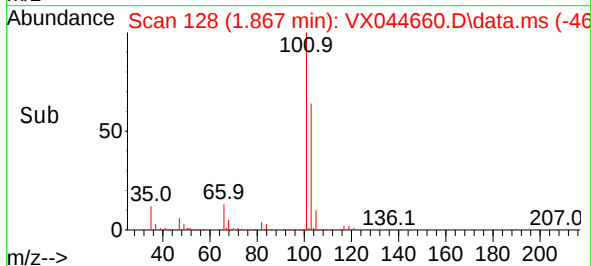
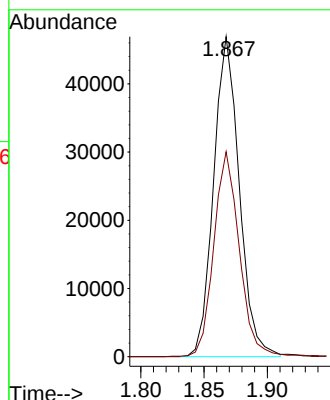
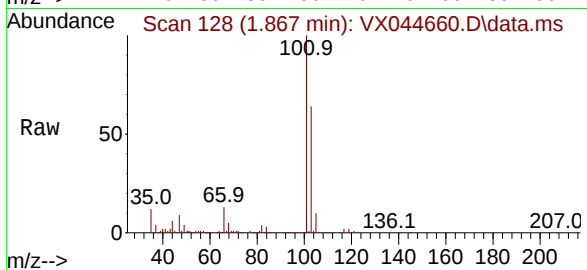
ClientSampleId :

Tgt Ion:101 Resp: 66116

Ion Ratio Lower Upper

101 100

103 63.9 51.1 76.7



#8

Diethyl Ether

Concen: 19.869 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

Lab File: VX044660.D

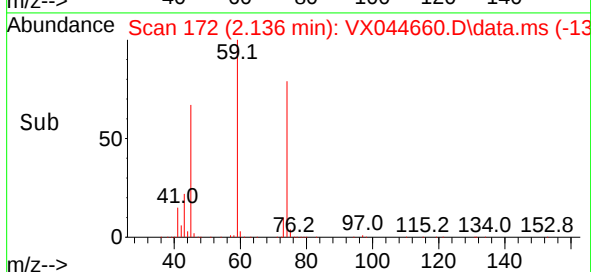
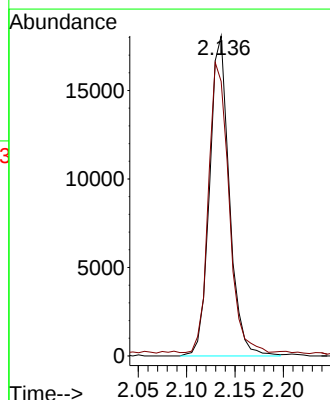
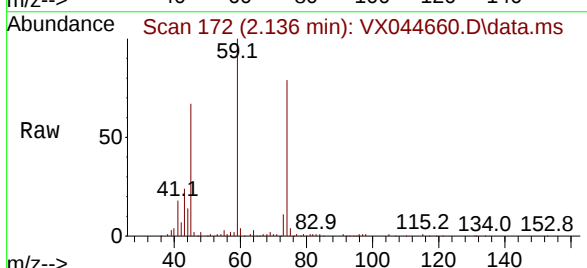
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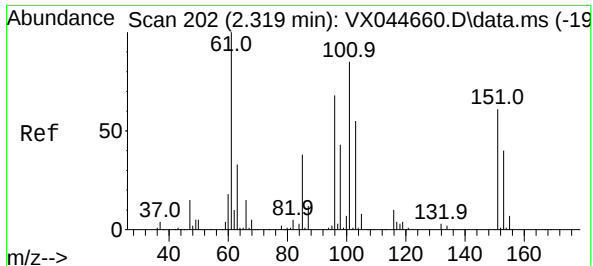
Tgt Ion: 74 Resp: 25682

Ion Ratio Lower Upper

74 100

45 94.1 18.8 168.8

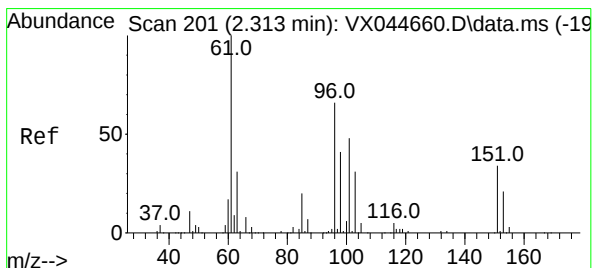
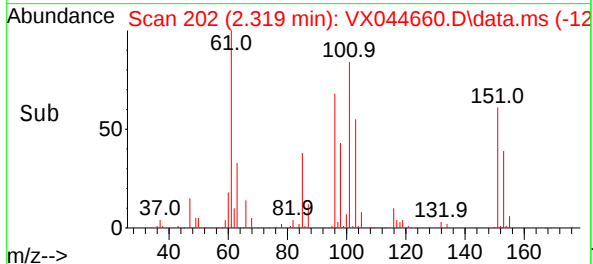
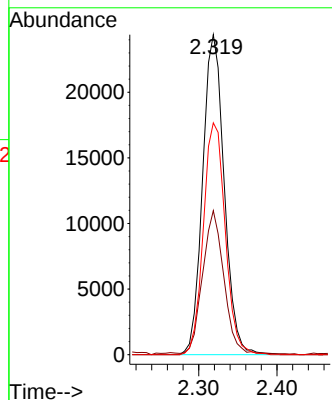
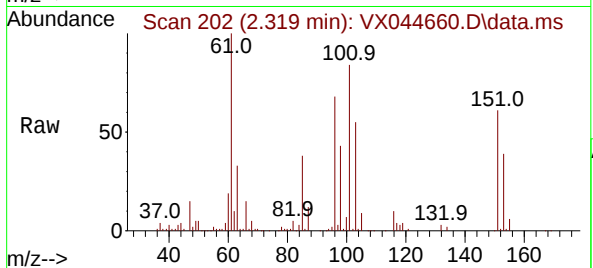




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.407 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

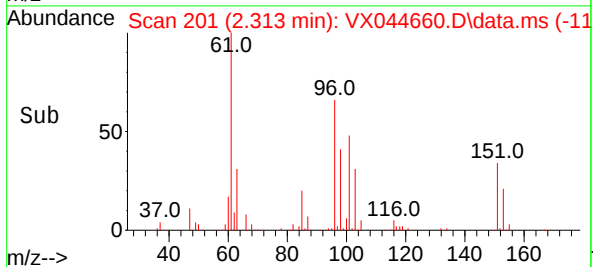
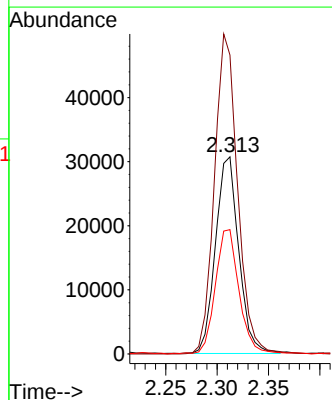
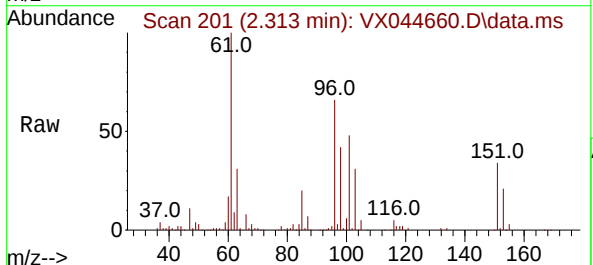
Instrument :
MSVOA_X
ClientSampleId :

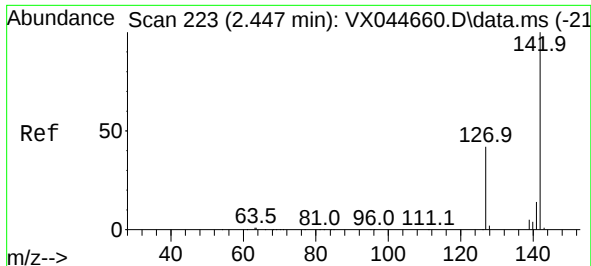
Tgt Ion:101 Resp: 46585
Ion Ratio Lower Upper
101 100
85 44.0 0.0 88.0
151 73.5 0.0 147.0



#10
1,1-Dichloroethene
Concen: 19.557 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 96 Resp: 48300
Ion Ratio Lower Upper
96 100
61 152.0 121.6 182.4
98 62.9 50.3 75.5





#11

Methyl Iodide

Concen: 20.341 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

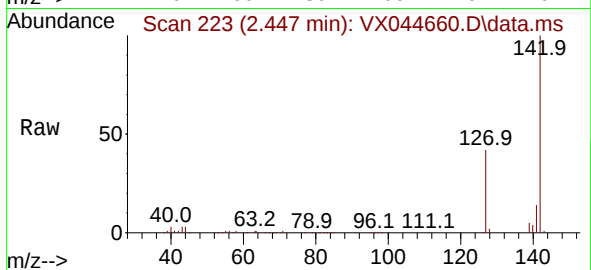
Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :



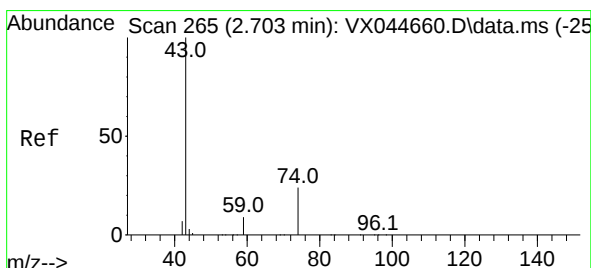
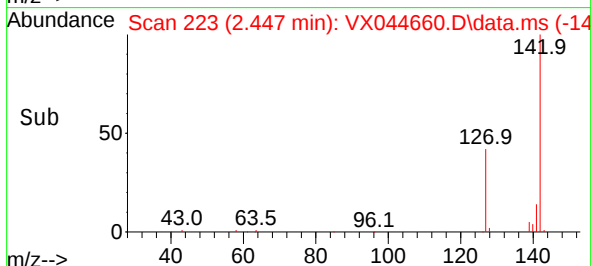
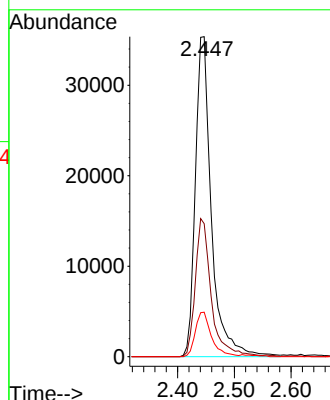
Tgt Ion:142 Resp: 69610

Ion Ratio Lower Upper

142 100

127 41.6 20.8 62.4

141 13.9 7.0 20.9



#12

Methyl Acetate

Concen: 19.421 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044660.D

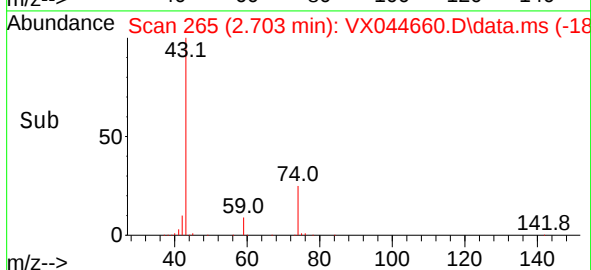
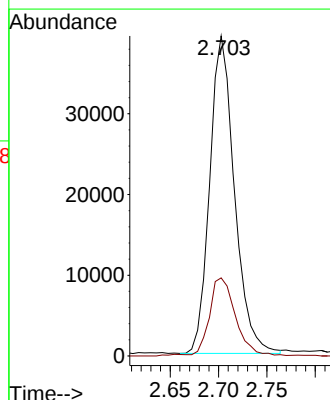
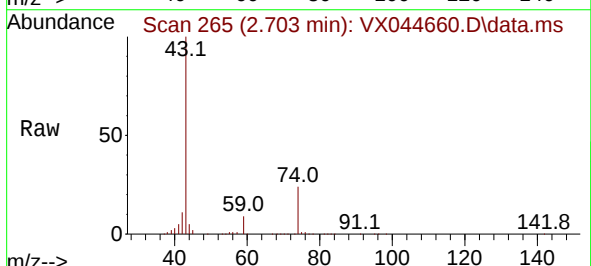
Acq: 16 Jan 2025 09:02

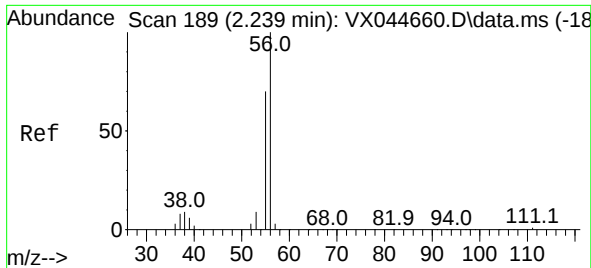
Tgt Ion: 43 Resp: 70020

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2

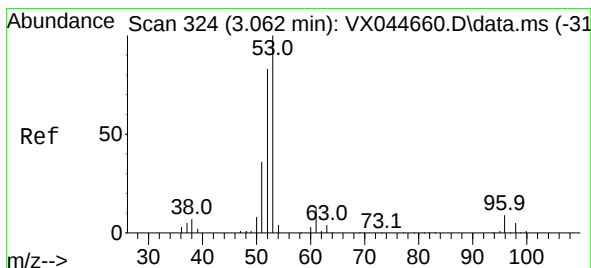
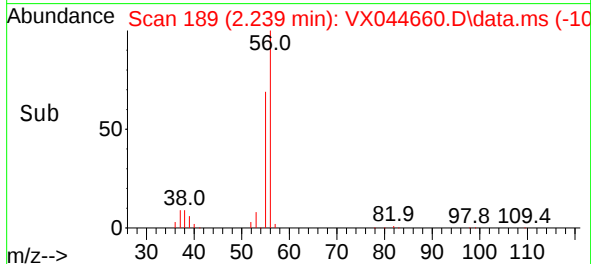
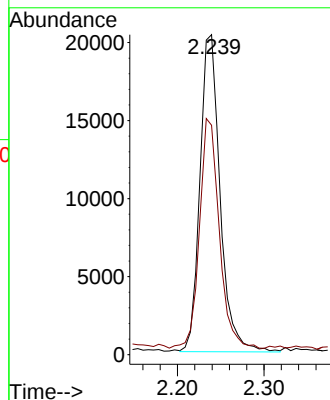
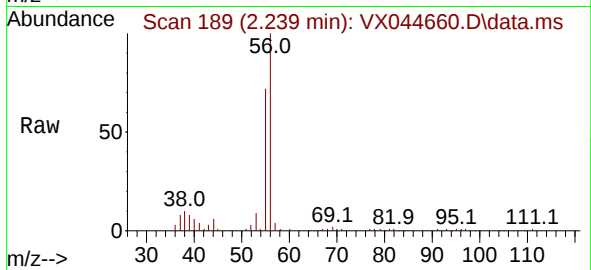




#13
Acrolein
Concen: 82.358 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

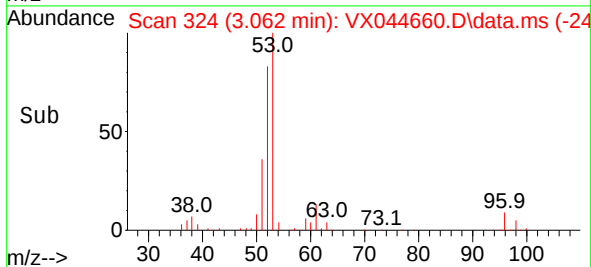
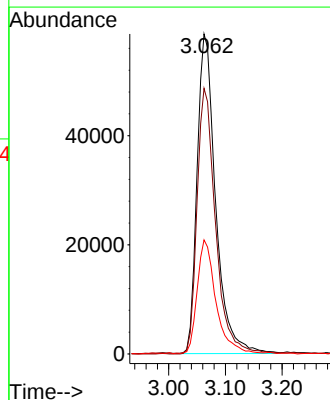
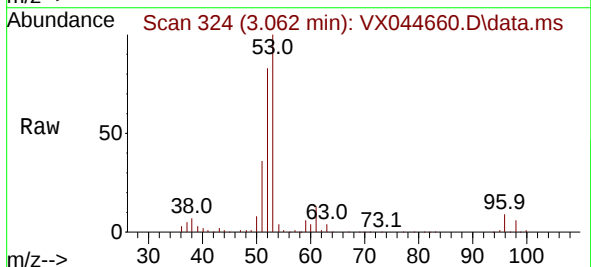
Instrument :
MSVOA_X
ClientSampleId :

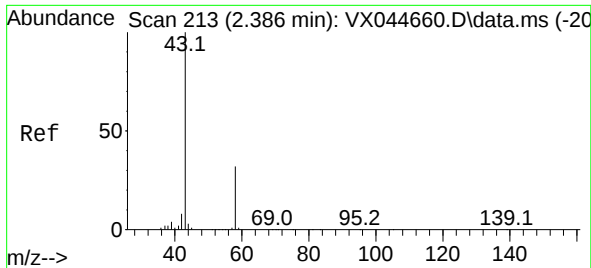
Tgt Ion: 56 Resp: 32834
Ion Ratio Lower Upper
56 100
55 72.1 57.5 86.3



#14
Acrylonitrile
Concen: 101.348 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 53 Resp: 133148
Ion Ratio Lower Upper
53 100
52 82.8 41.4 124.2
51 36.3 18.1 54.4

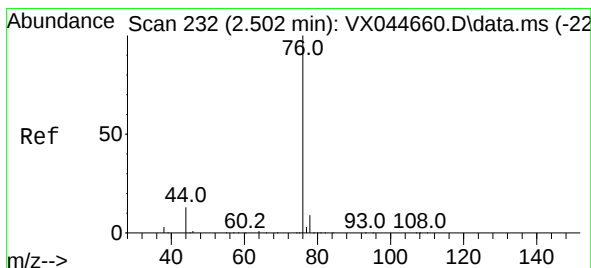
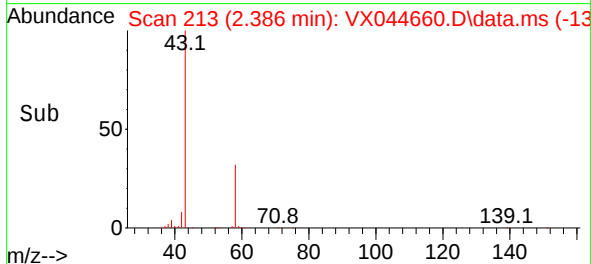
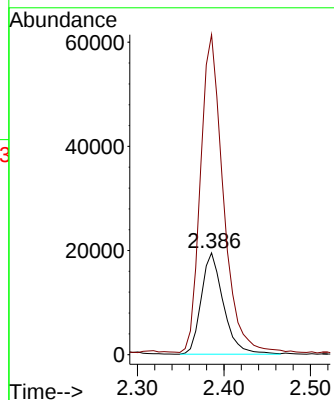
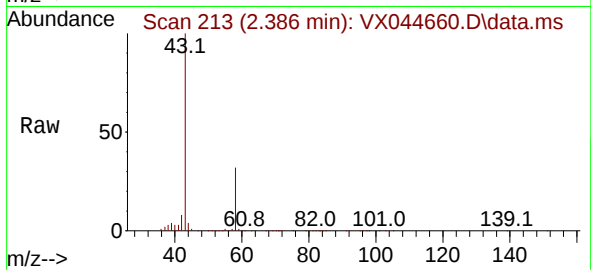




#15
Acetone
Concen: 98.240 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

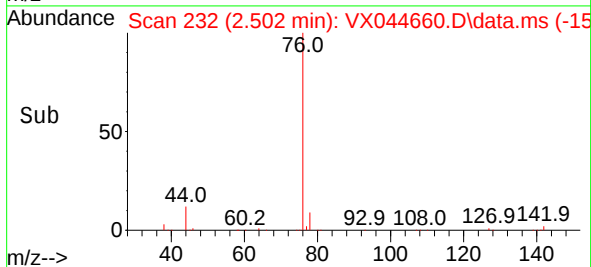
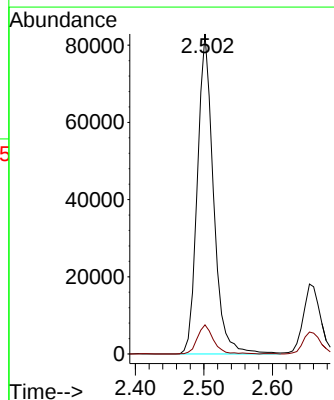
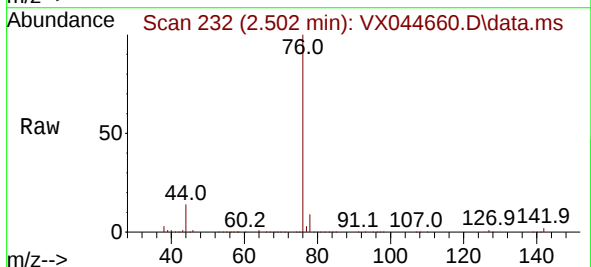
Instrument :
MSVOA_X
ClientSampleId :

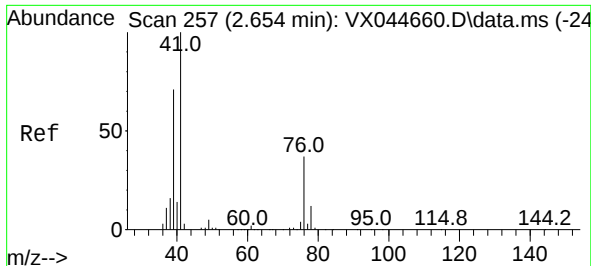
Tgt Ion: 58 Resp: 34632
Ion Ratio Lower Upper
58 100
43 313.7 251.0 376.4



#16
Carbon Disulfide
Concen: 19.810 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 76 Resp: 135960
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

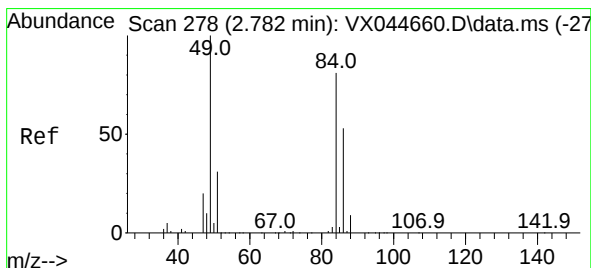
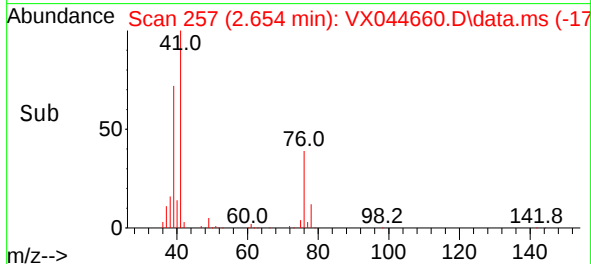
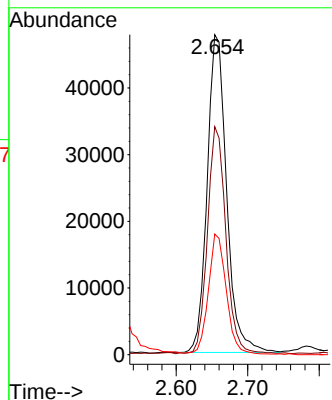
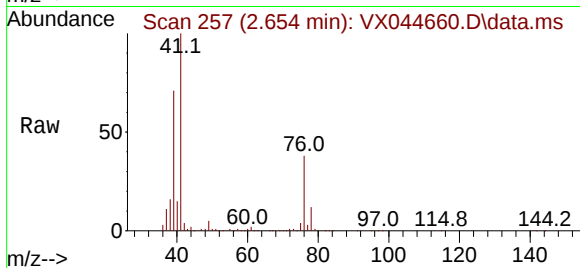




#17
 Allyl chloride
 Concen: 20.254 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

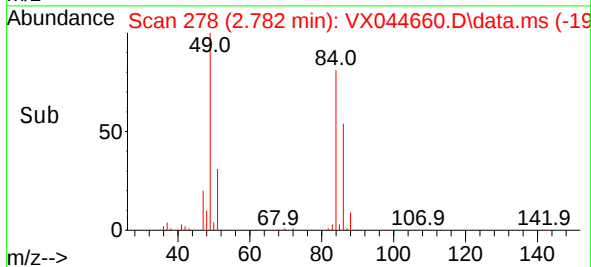
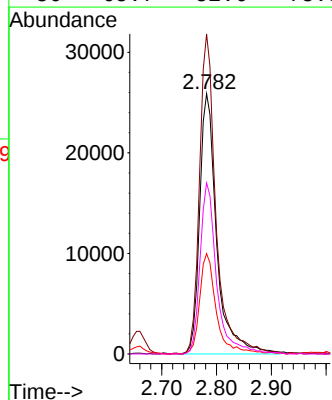
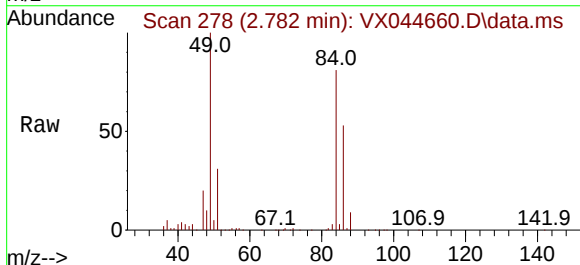
Instrument :
 MSVOA_X
 ClientSampleId :

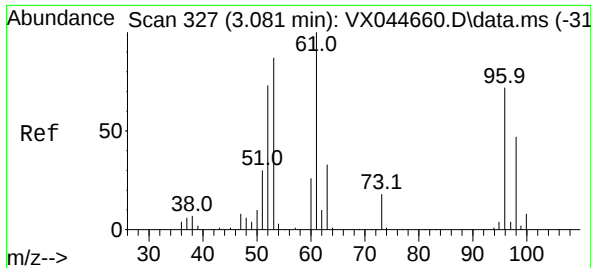
Tgt Ion: 41 Resp: 90204
 Ion Ratio Lower Upper
 41 100
 39 71.2 35.6 106.8
 76 37.7 18.9 56.5



#18
 Methylene Chloride
 Concen: 20.405 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion: 84 Resp: 56413
 Ion Ratio Lower Upper
 84 100
 49 122.9 98.3 147.5
 51 38.3 30.6 46.0
 86 65.7 52.6 78.8





#19

trans-1,2-Dichloroethene

Concen: 19.989 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

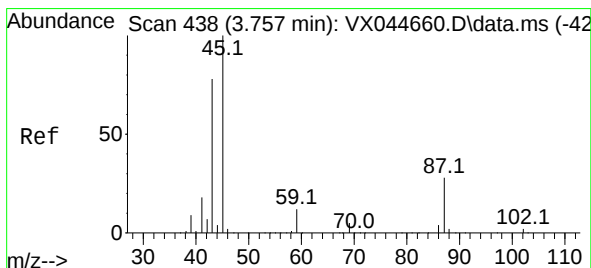
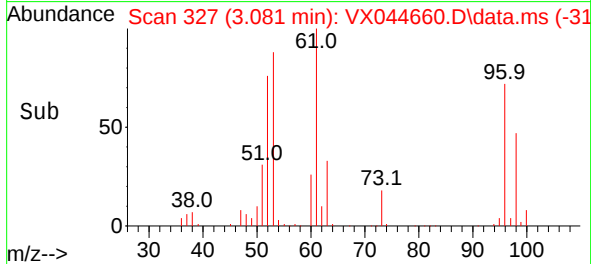
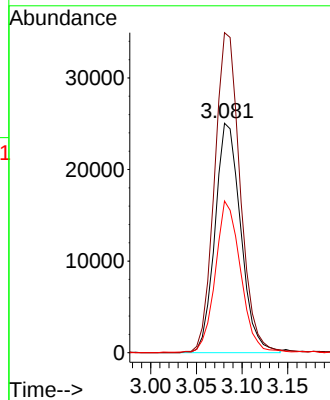
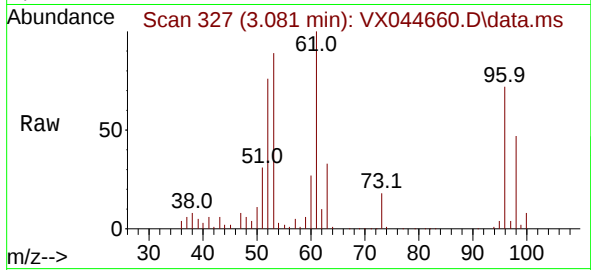
Tgt Ion: 96 Resp: 49084

Ion Ratio Lower Upper

96 100

61 139.4 111.5 167.3

98 65.8 52.6 79.0



#20

Diisopropyl ether

Concen: 20.616 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion: 45 Resp: 166654

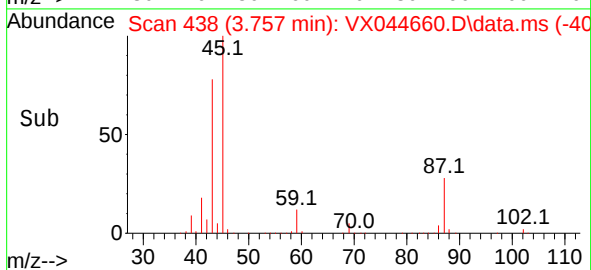
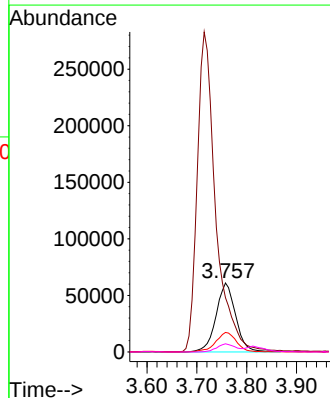
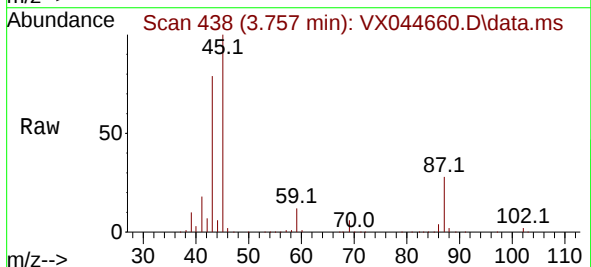
Ion Ratio Lower Upper

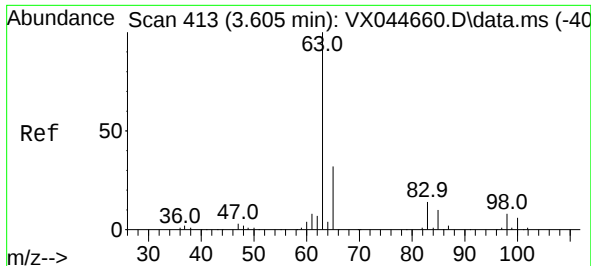
45 100

43 78.3 62.6 94.0

87 28.4 22.7 34.1

59 11.8 9.4 14.2

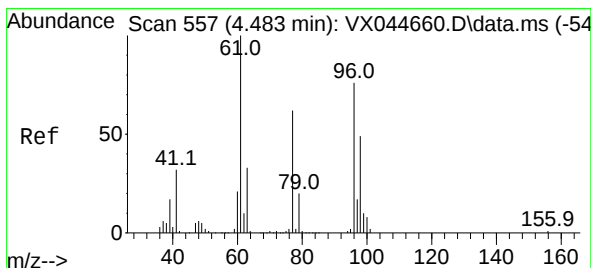
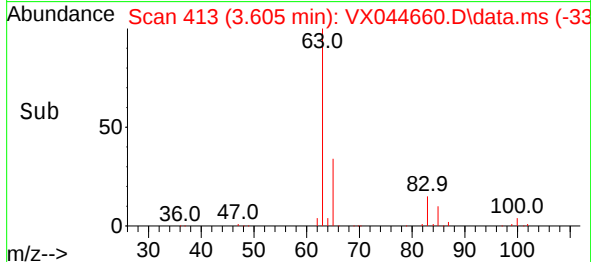
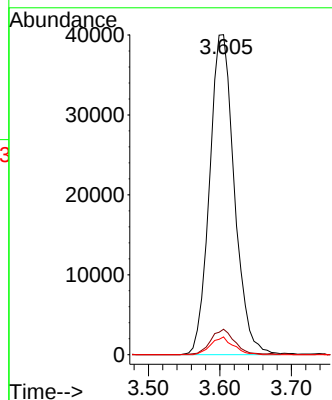
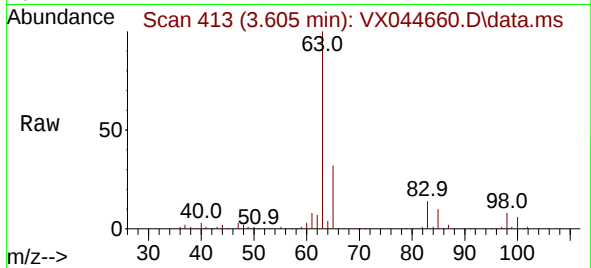




#21
1,1-Dichloroethane
Concen: 20.151 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

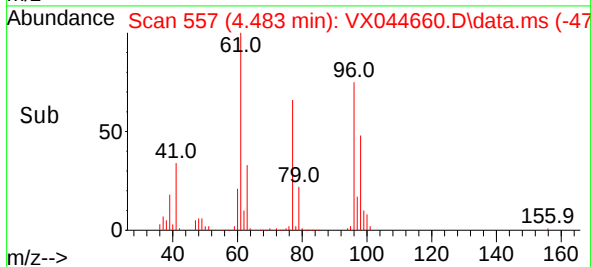
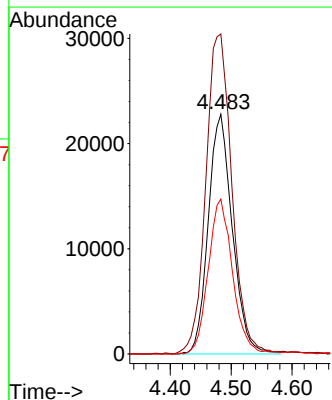
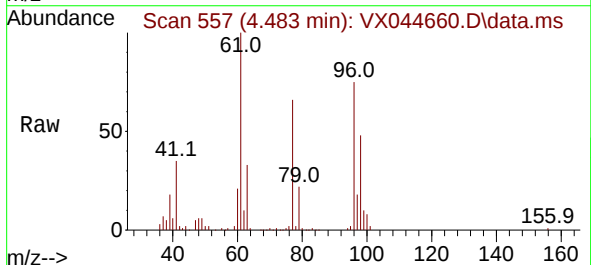
Instrument :
MSVOA_X
ClientSampleId :

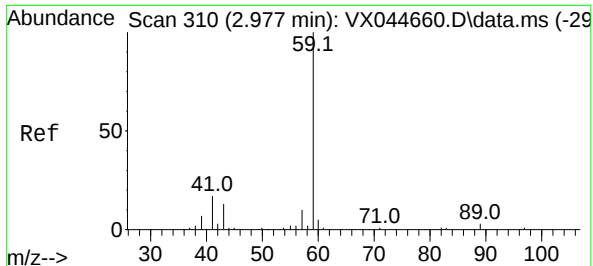
Tgt Ion: 63 Resp: 96629
Ion Ratio Lower Upper
63 100
98 7.9 4.0 11.9
100 5.5 2.8 8.3



#22
cis-1,2-Dichloroethene
Concen: 20.628 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 96 Resp: 62694
Ion Ratio Lower Upper
96 100
61 144.0 115.2 172.8
98 64.7 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 65.743 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

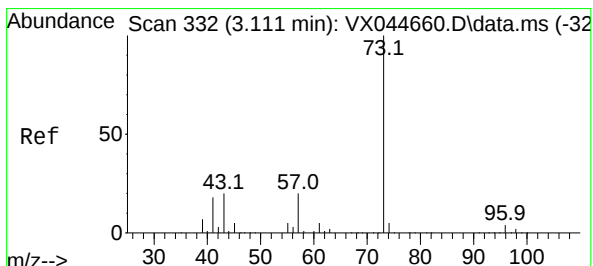
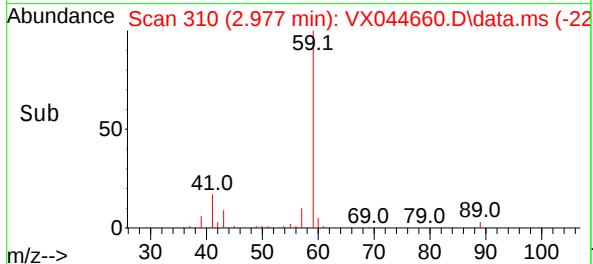
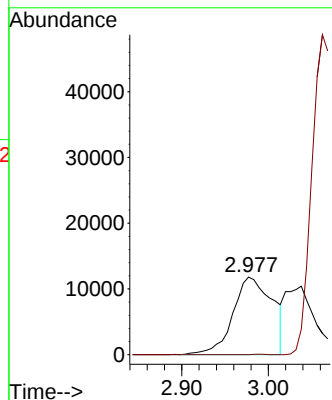
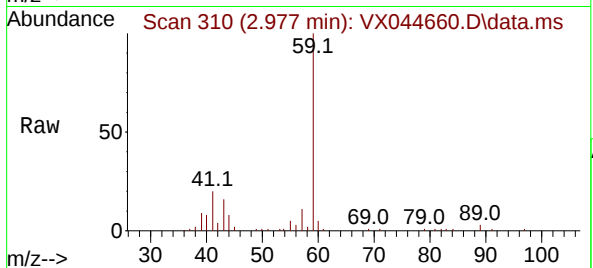
ClientSampleId :

Tgt Ion: 59 Resp: 37471

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 20.386 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044660.D

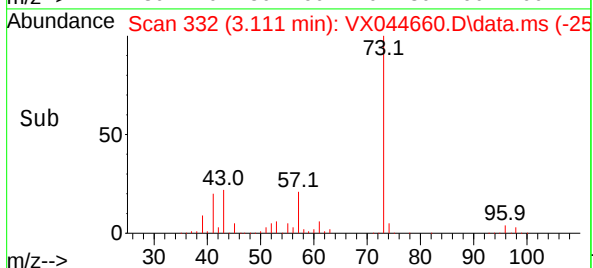
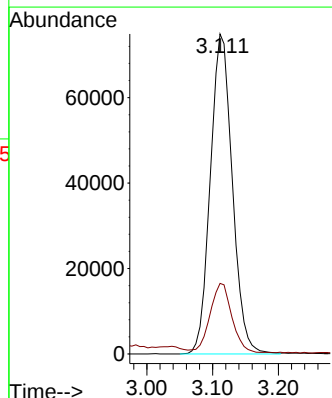
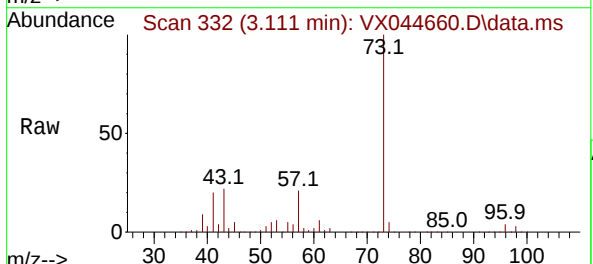
Acq: 16 Jan 2025 09:02

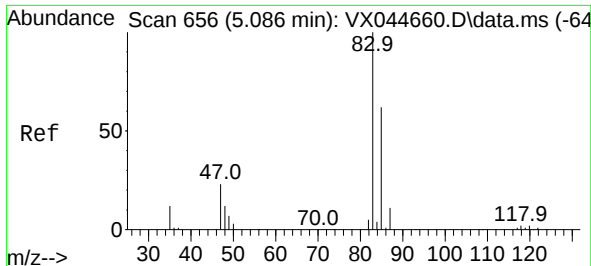
Tgt Ion: 73 Resp: 174439

Ion Ratio Lower Upper

73 100

43 21.1 16.9 25.3





#25

Chloroform

Concen: 20.366 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

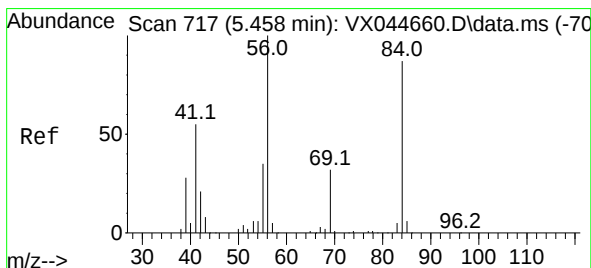
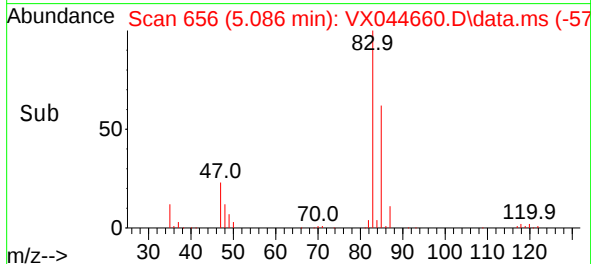
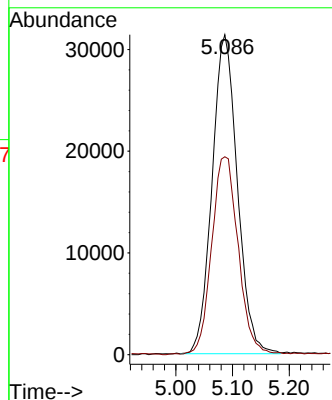
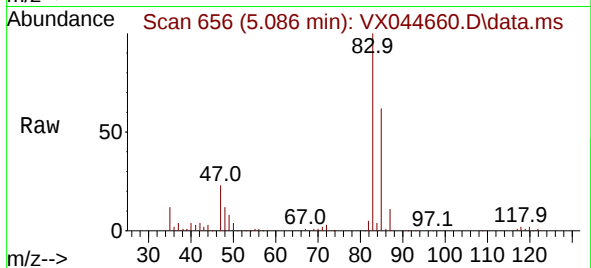
ClientSampleId :

Tgt Ion: 83 Resp: 97039

Ion Ratio Lower Upper

83 100

85 61.8 49.4 74.2



#26

Cyclohexane

Concen: 19.839 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

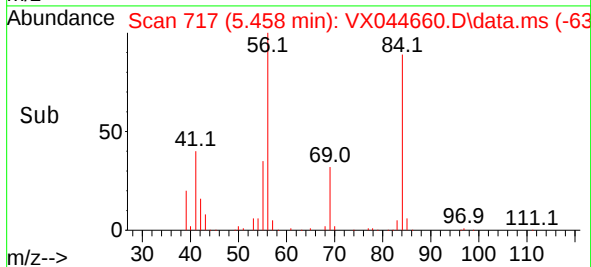
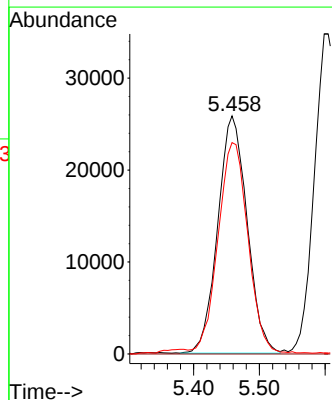
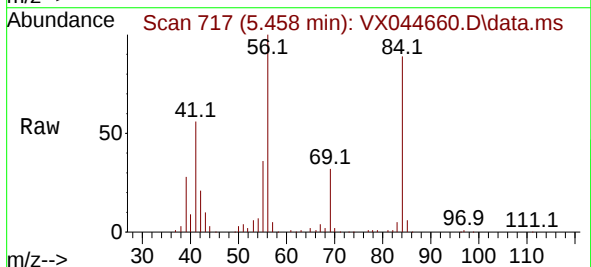
Tgt Ion: 56 Resp: 79956

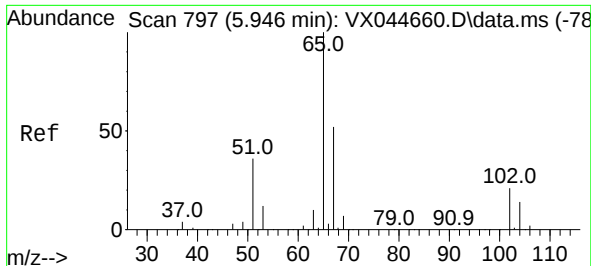
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.3 72.2 108.4

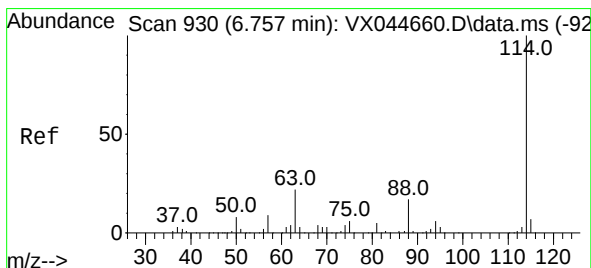
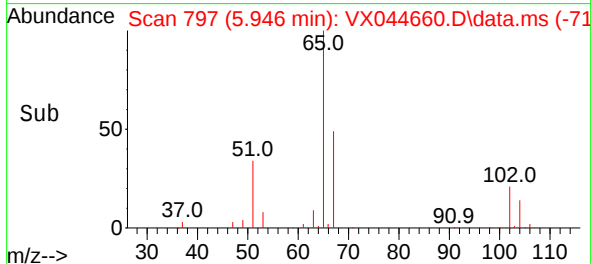
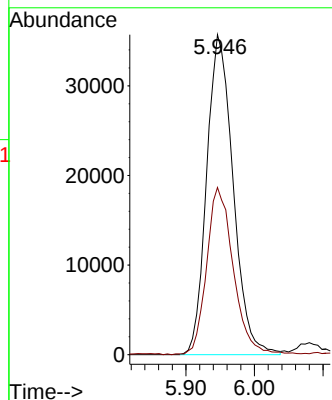
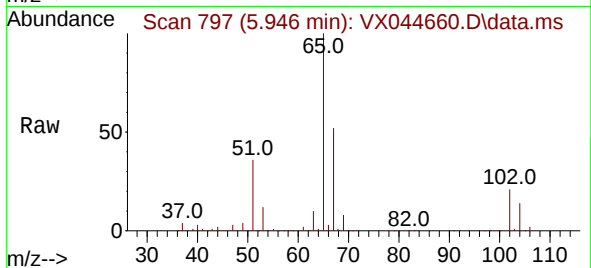




#27
 1,2-Dichloroethane-d4
 Concen: 29.698 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

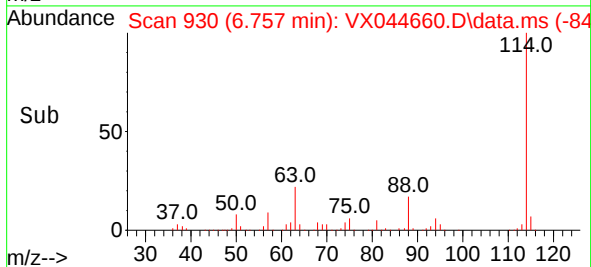
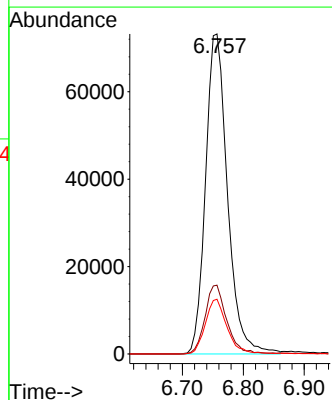
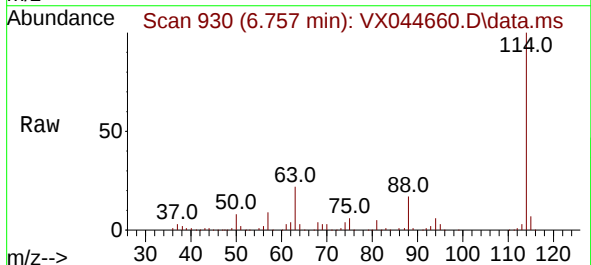
Instrument :
 MSVOA_X
 ClientSampleId :

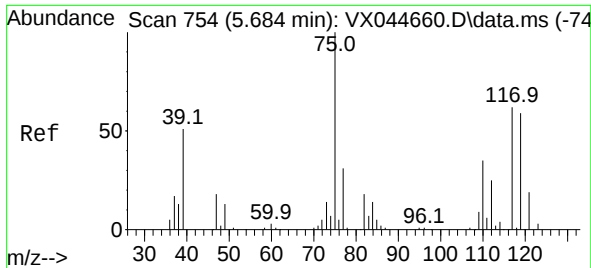
Tgt Ion: 65 Resp: 95855
 Ion Ratio Lower Upper
 65 100
 67 51.8 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

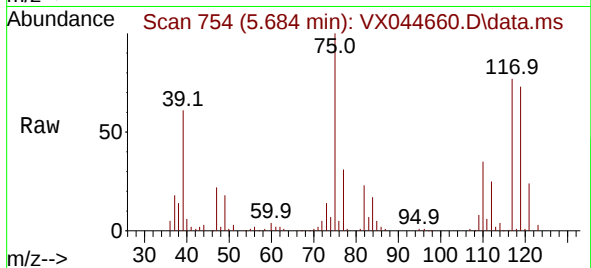
Tgt Ion: 114 Resp: 183316
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.6 24.8
 88 16.8 13.4 20.2





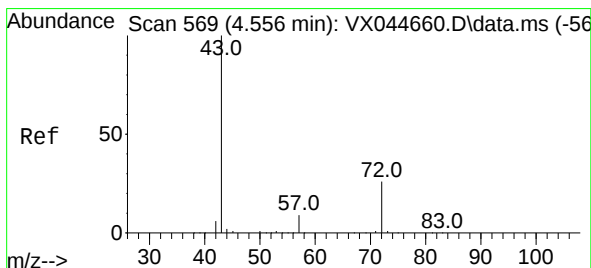
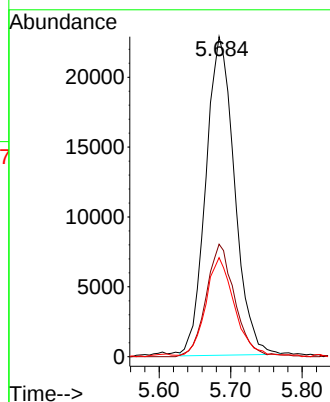
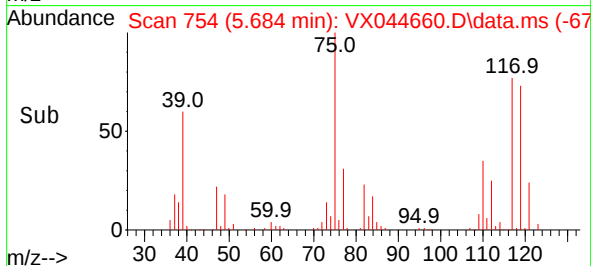
#29
1,1-Dichloropropene
Concen: 19.948 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 63605

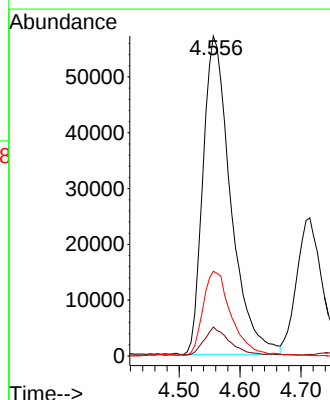
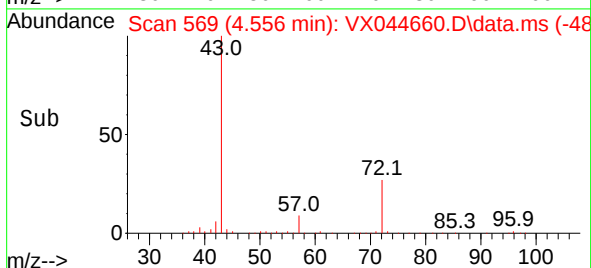
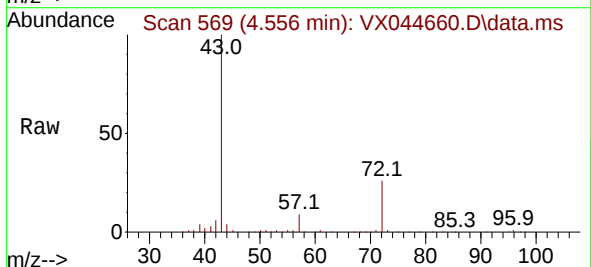
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	69.4
77	29.9	0.0	59.8

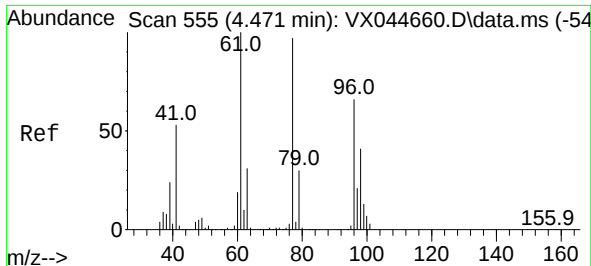


#30
2-Butanone
Concen: 102.811 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 43 Resp: 180079

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.4	9.6
72	26.9	21.5	32.3

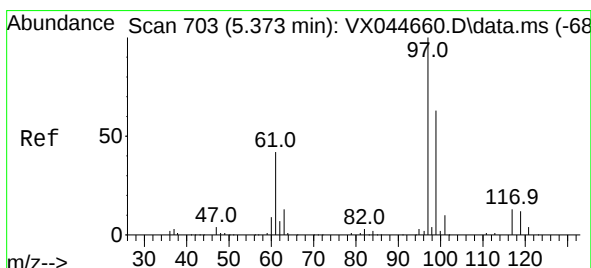
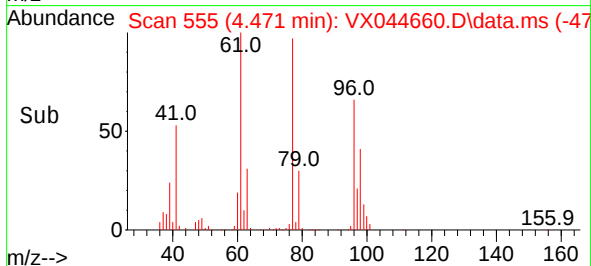
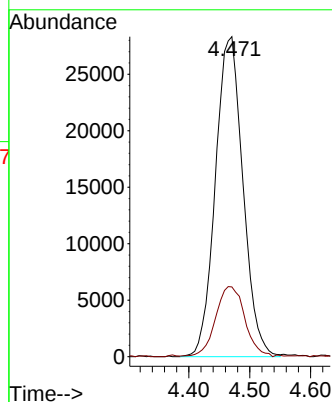
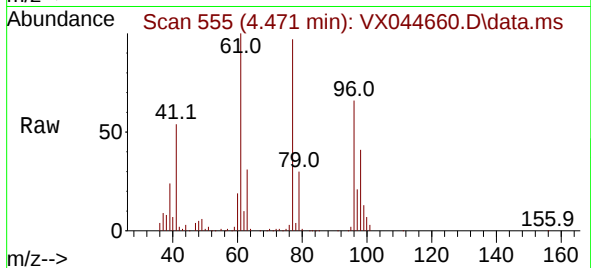




#31
2,2-Dichloropropane
Concen: 20.198 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

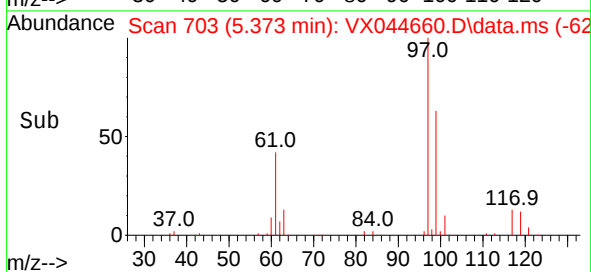
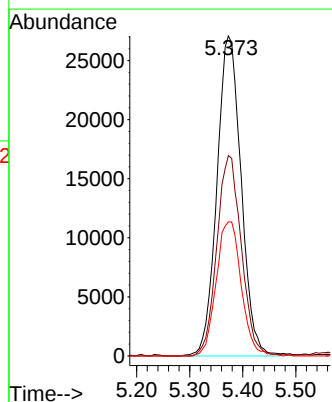
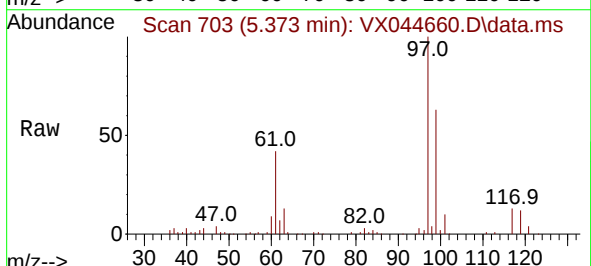
Instrument :
MSVOA_X
ClientSampleId :

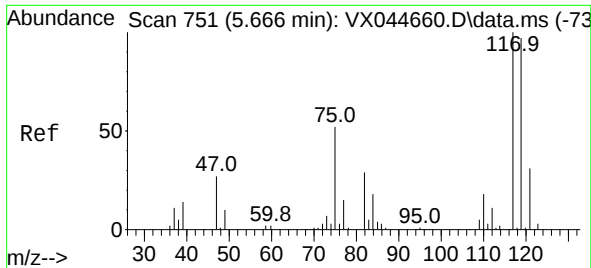
Tgt Ion: 77 Resp: 89122
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 20.310 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

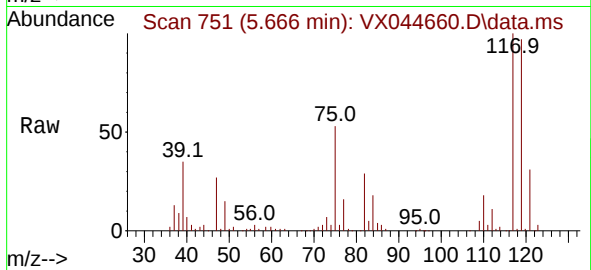
Tgt Ion: 97 Resp: 85820
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.2 34.6 51.8



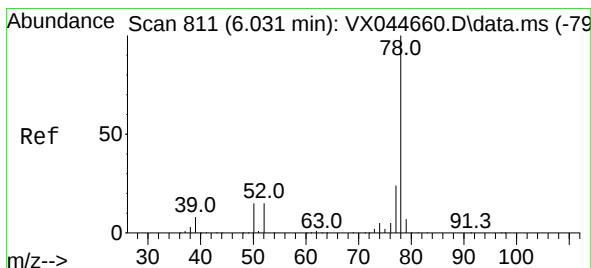
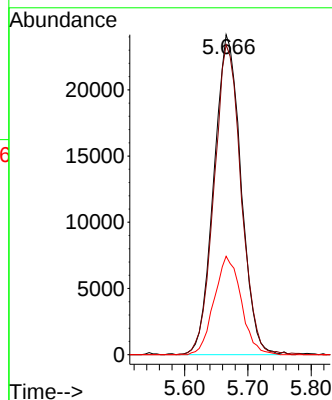
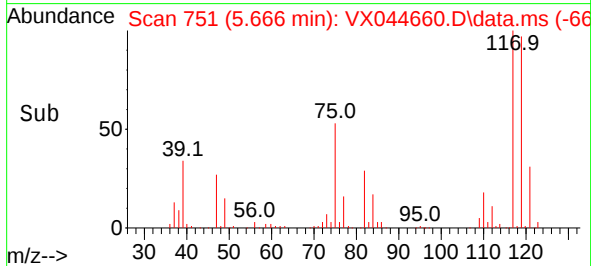


#33
Carbon Tetrachloride
Concen: 20.121 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :

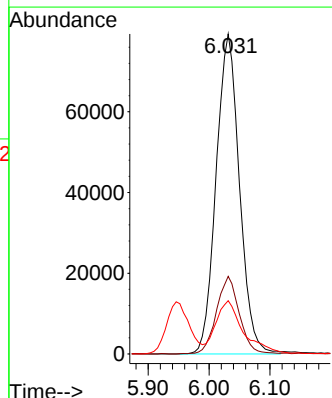
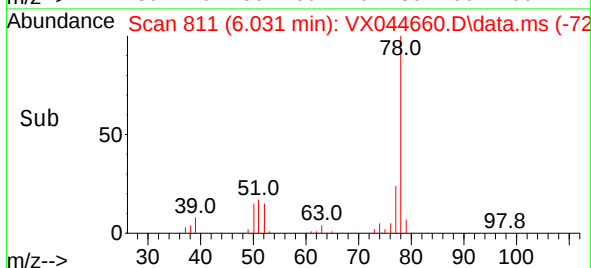
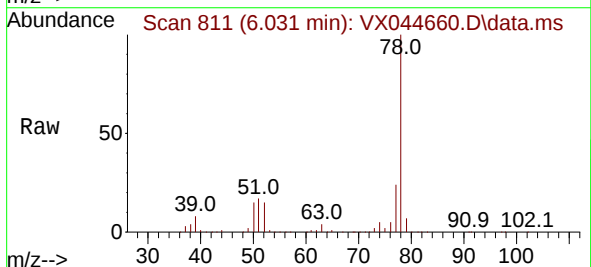


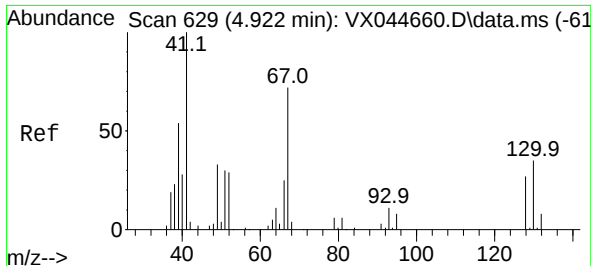
Tgt Ion:117 Resp: 71722
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 30.8 24.6 37.0



#34
Benzene
Concen: 20.737 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 78 Resp: 210959
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 15.9 12.7 19.1





#35

Methacrylonitrile

Concen: 20.216 ug/l

RT: 4.922 min Scan# 61

Delta R.T. 0.000 min

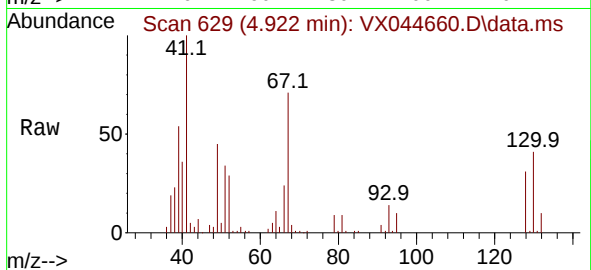
Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 39575

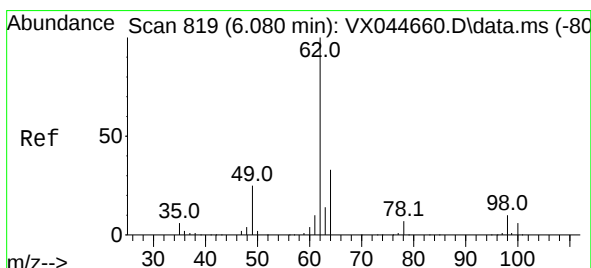
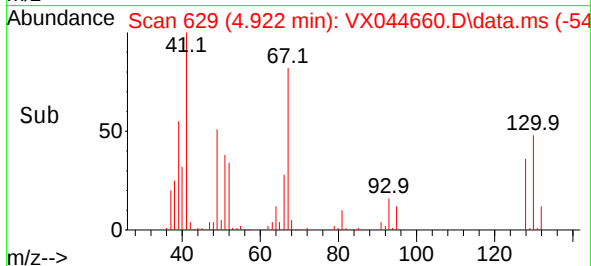
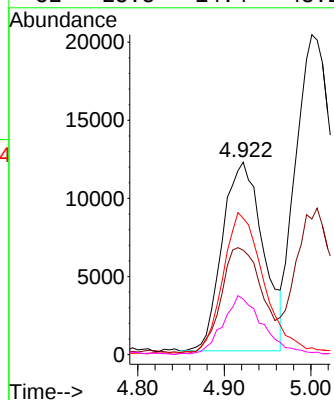
Ion Ratio Lower Upper

41 100

39 54.2 27.1 81.3

67 71.6 35.8 107.4

52 28.8 14.4 43.2



#36

1,2-Dichloroethane

Concen: 20.699 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044660.D

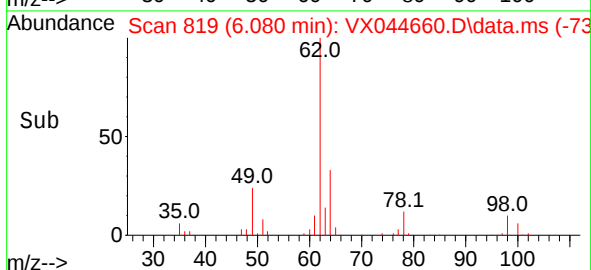
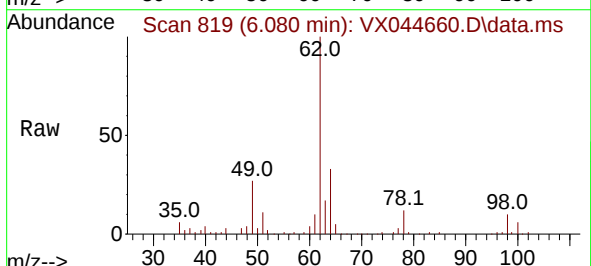
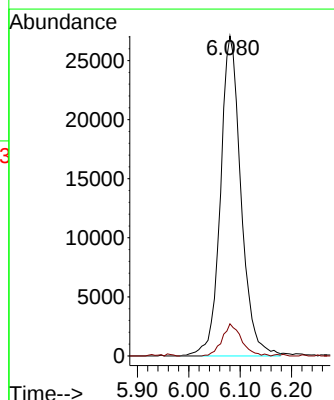
Acq: 16 Jan 2025 09:02

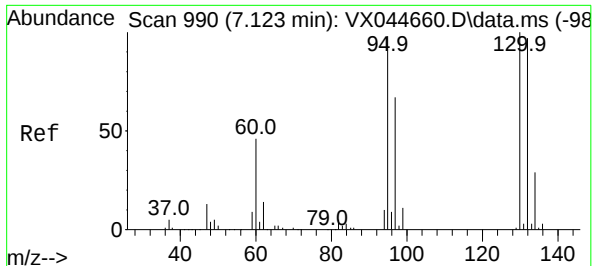
Tgt Ion: 62 Resp: 75287

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2





#37

Trichloroethene

Concen: 20.143 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

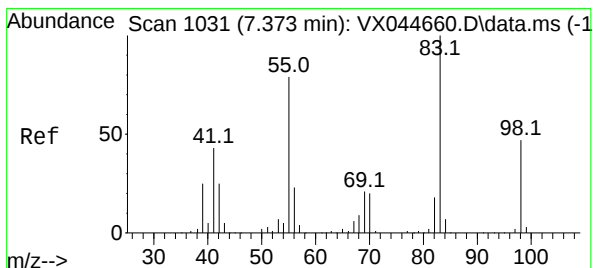
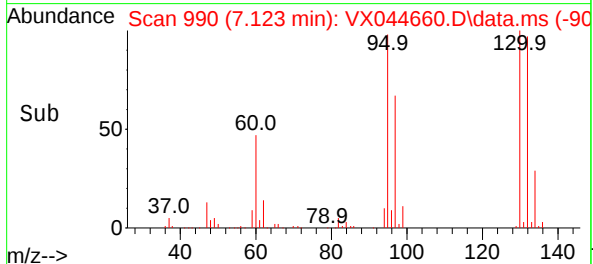
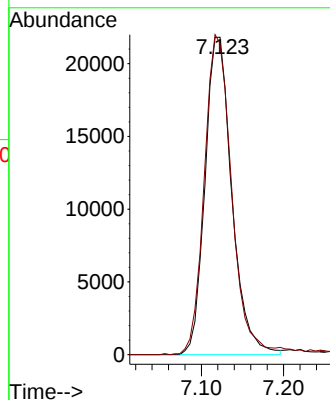
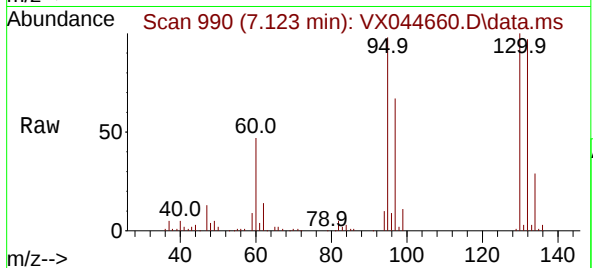
ClientSampleId :

Tgt Ion:130 Resp: 49474

Ion Ratio Lower Upper

130 100

95 97.8 78.2 117.4



#38

Methylcyclohexane

Concen: 19.514 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

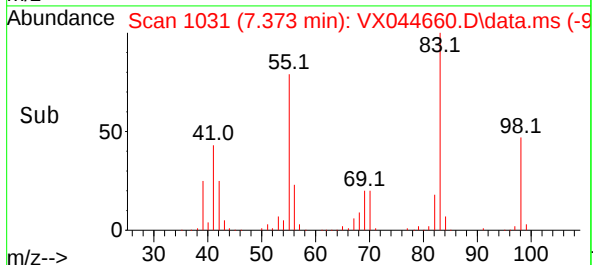
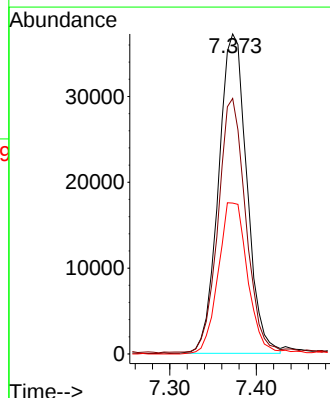
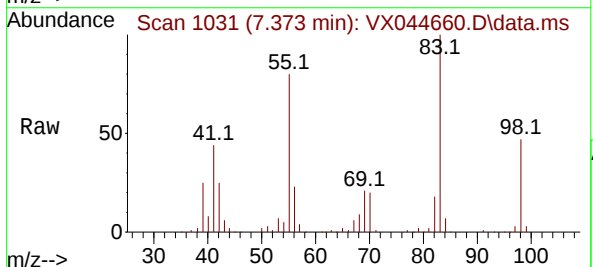
Tgt Ion: 83 Resp: 84540

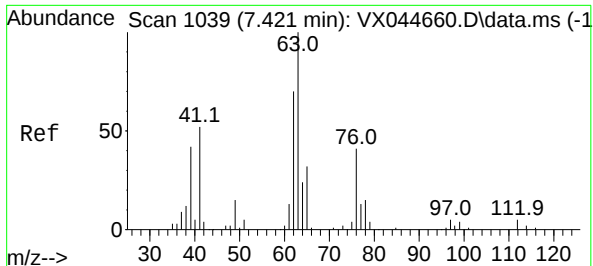
Ion Ratio Lower Upper

83 100

55 76.9 38.4 115.2

98 48.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.616 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

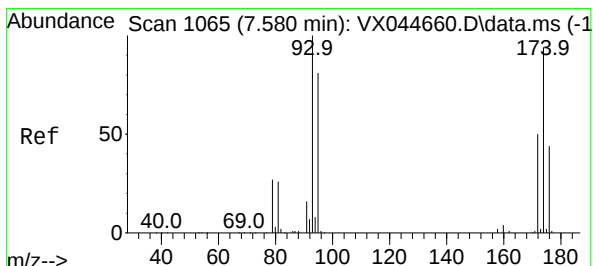
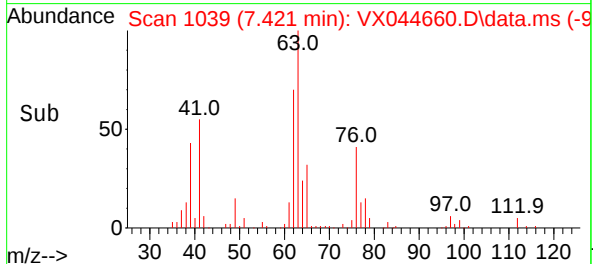
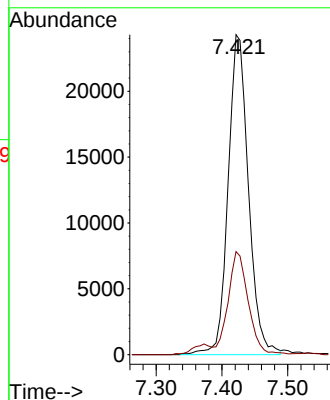
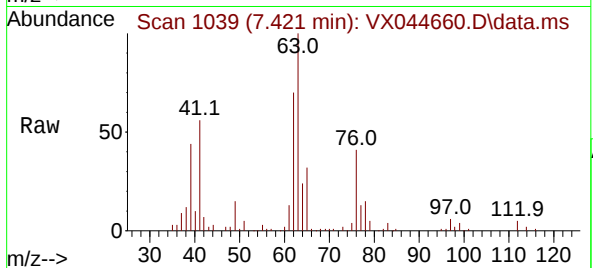
ClientSampleId :

Tgt Ion: 63 Resp: 52299

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#40

Dibromomethane

Concen: 20.366 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

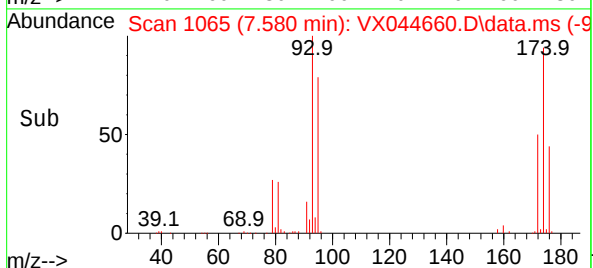
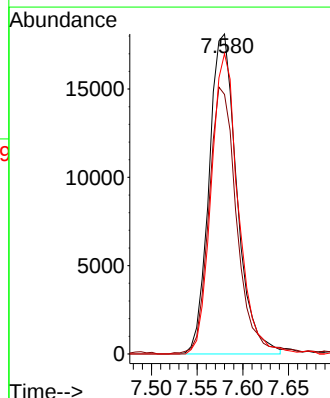
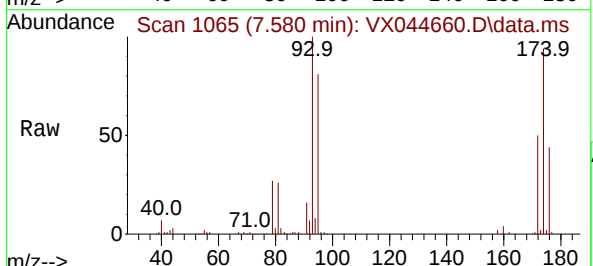
Tgt Ion: 93 Resp: 38410

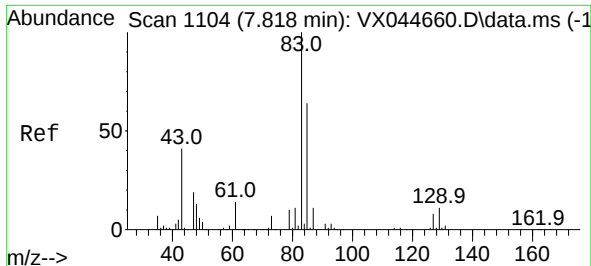
Ion Ratio Lower Upper

93 100

95 83.5 0.0 167.0

174 91.0 0.0 182.0

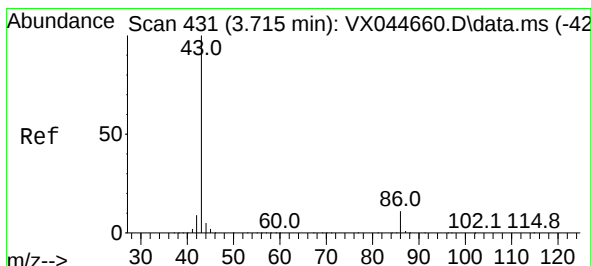
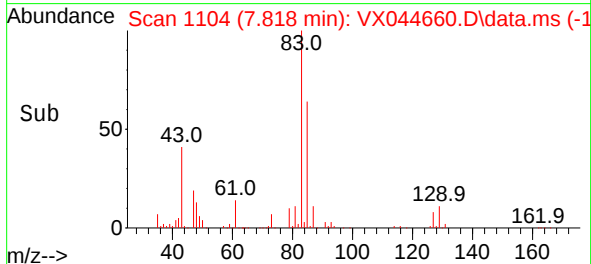
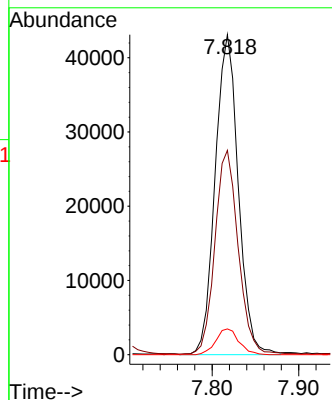
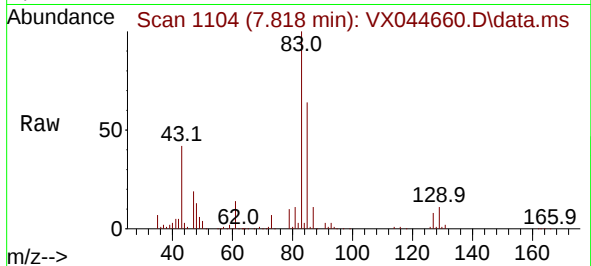




#41
Bromodichloromethane
Concen: 20.548 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

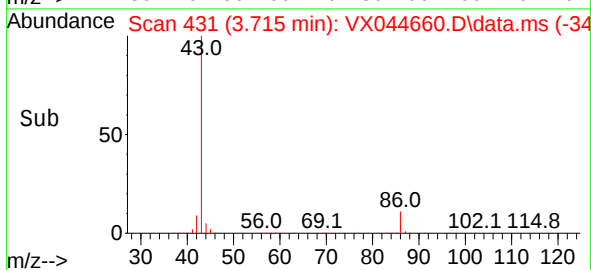
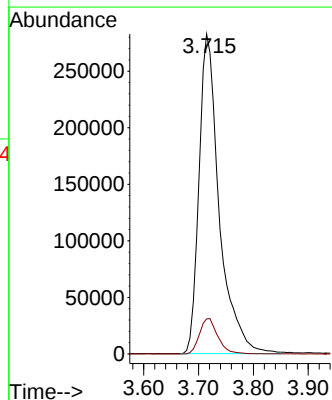
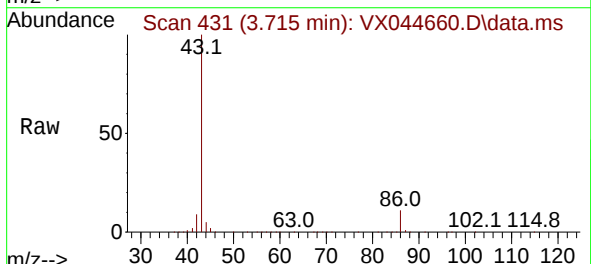
Instrument :
MSVOA_X
ClientSampleId :

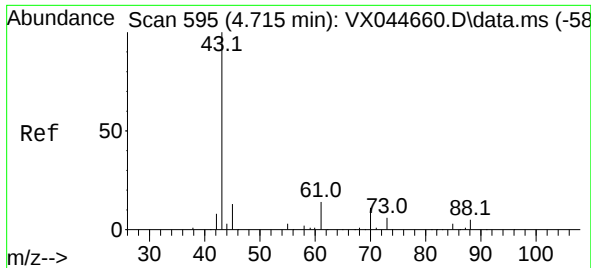
Tgt Ion: 83 Resp: 80017
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 6.5 9.7



#42
Vinyl Acetate
Concen: 104.251 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 43 Resp: 725170
Ion Ratio Lower Upper
43 100
86 10.0 8.0 12.0





#43

Ethyl Acetate

Concen: 52.411 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.159 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

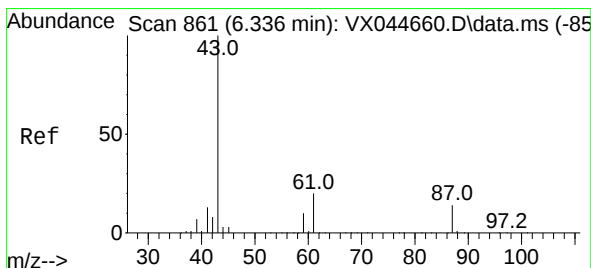
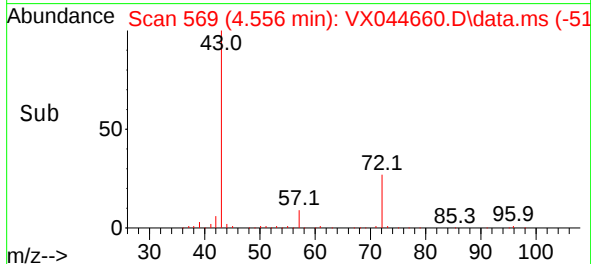
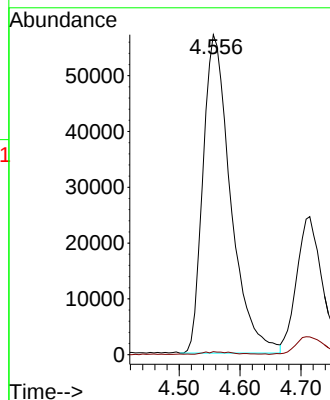
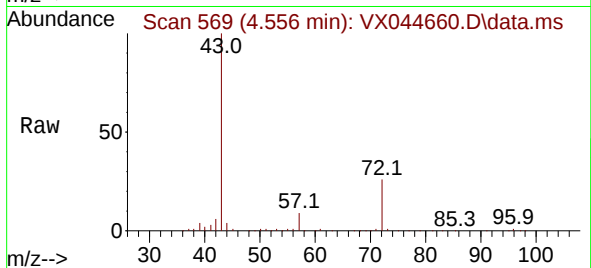
ClientSampleId :

Tgt Ion: 43 Resp: 180079

Ion Ratio Lower Upper

43 100

45 0.1 0.1 0.1



#44

Isopropyl Acetate

Concen: 20.652 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044660.D

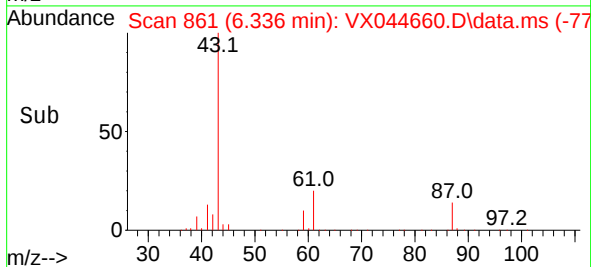
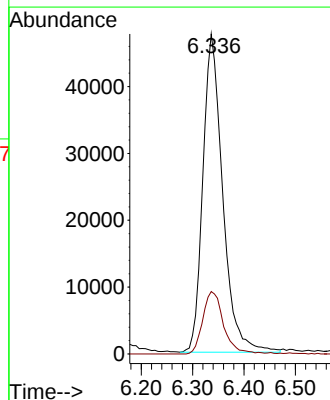
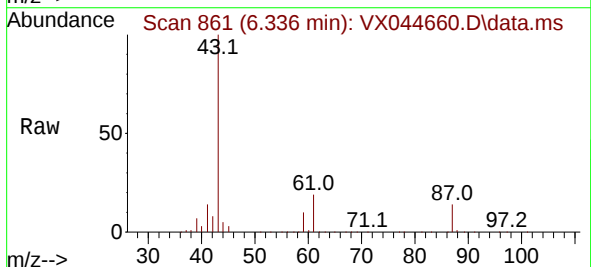
Acq: 16 Jan 2025 09:02

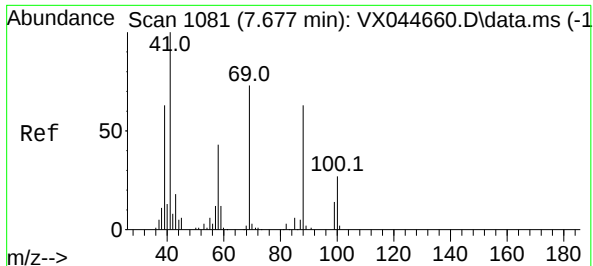
Tgt Ion: 43 Resp: 127474

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4





#45

1,4-Dioxane

Concen: 425.692 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

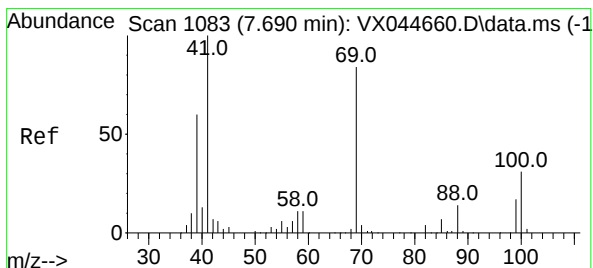
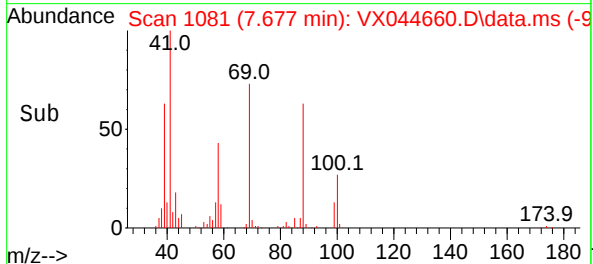
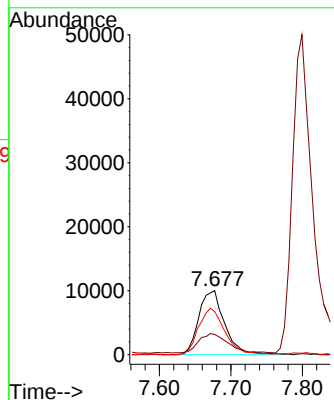
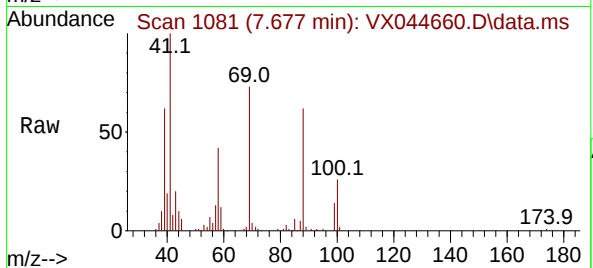
Tgt Ion: 88 Resp: 25021

Ion Ratio Lower Upper

88 100

43 32.4 25.9 38.9

58 73.6 58.9 88.3



#46

Methyl methacrylate

Concen: 20.568 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

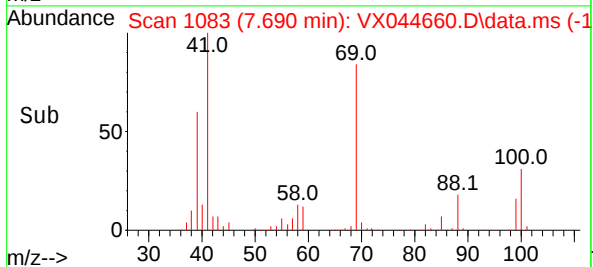
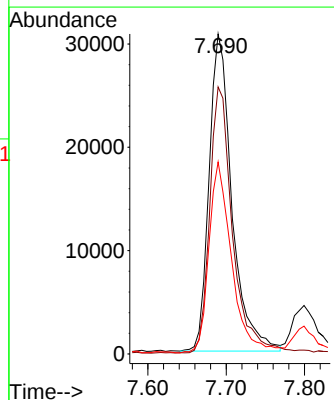
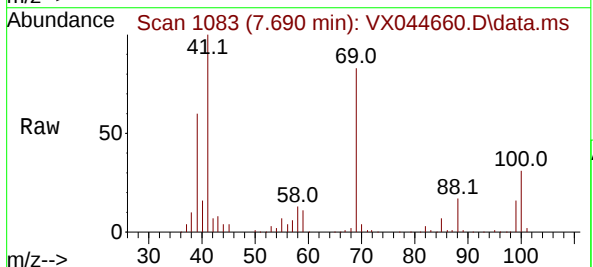
Tgt Ion: 41 Resp: 62145

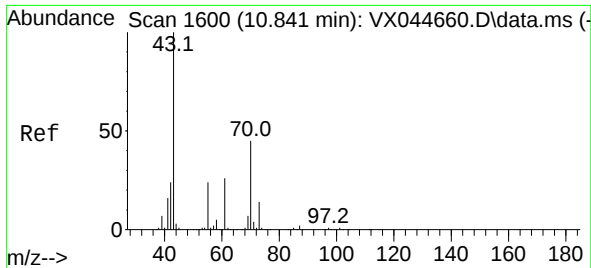
Ion Ratio Lower Upper

41 100

69 83.8 41.9 125.7

39 60.2 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.278 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

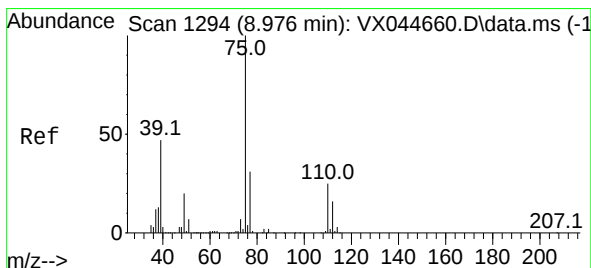
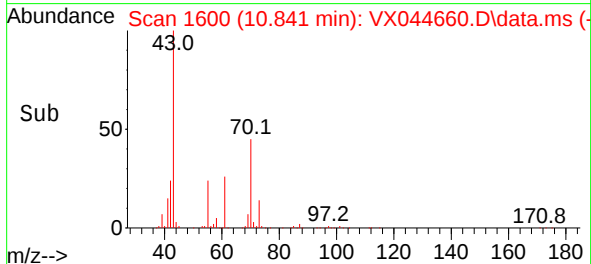
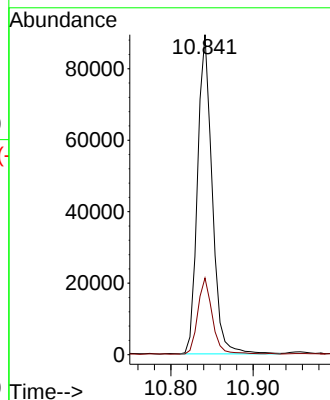
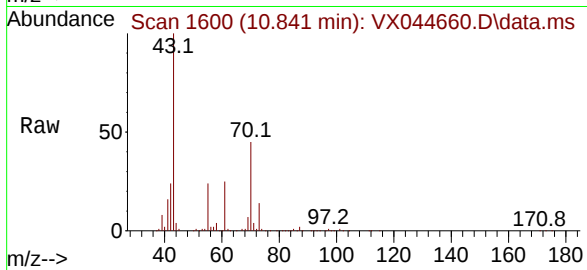
ClientSampleId :

Tgt Ion: 43 Resp: 110225

Ion Ratio Lower Upper

43 100

55 23.6 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 20.683 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044660.D

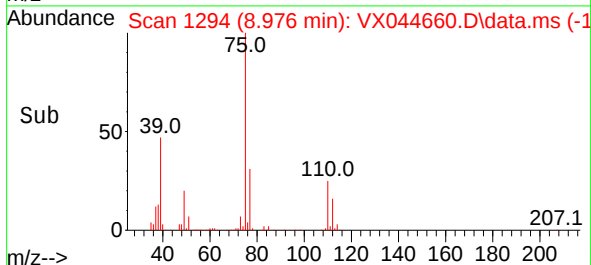
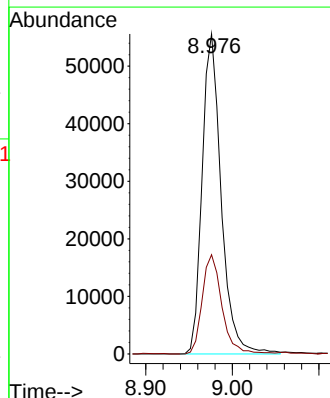
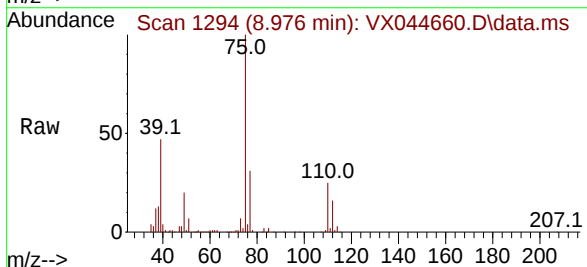
Acq: 16 Jan 2025 09:02

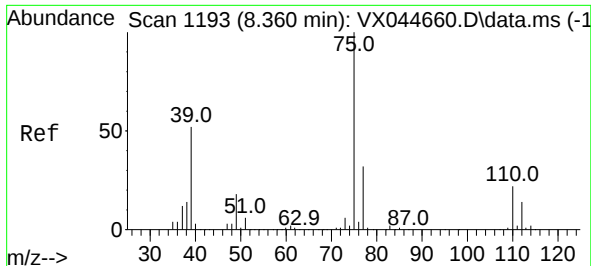
Tgt Ion: 75 Resp: 85014

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

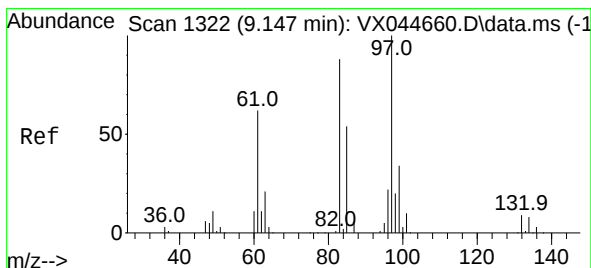
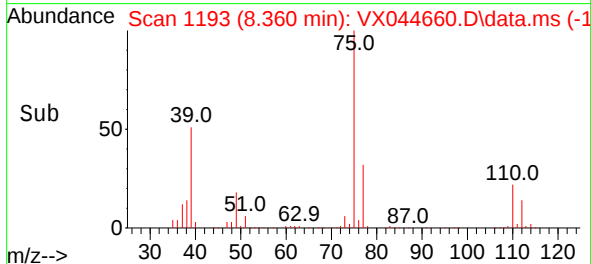
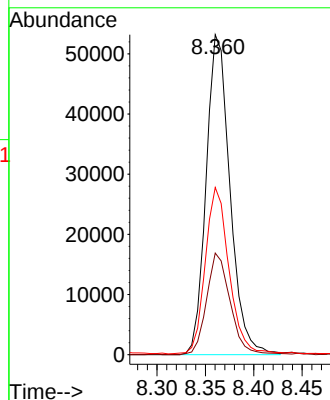
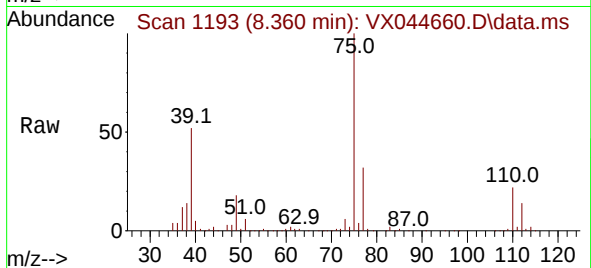




#49
 cis-1,3-Dichloropropene
 Concen: 20.747 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

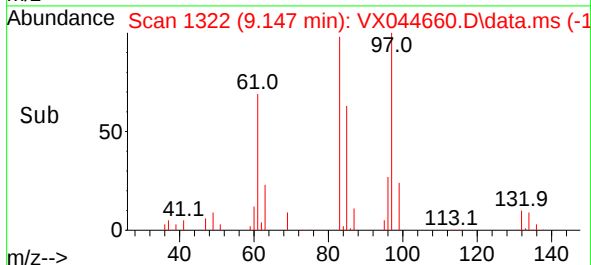
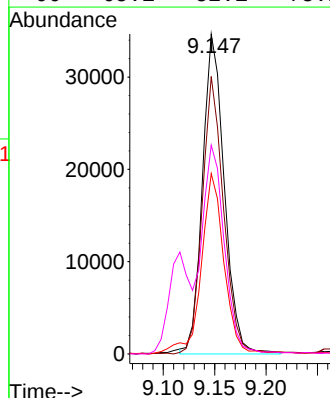
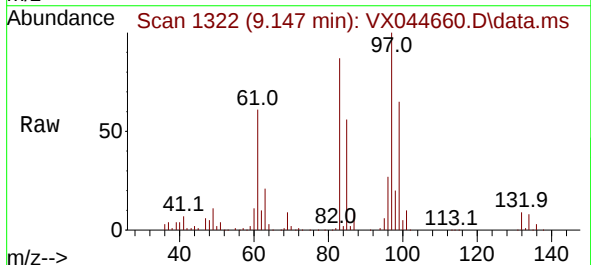
Instrument :
 MSVOA_X
 ClientSampleId :

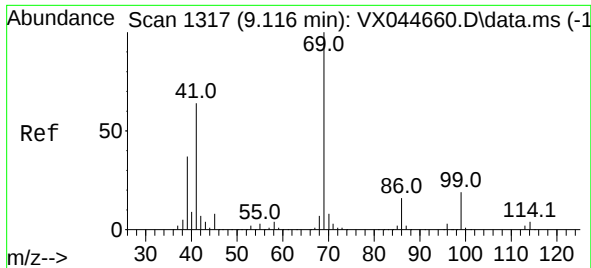
Tgt Ion: 75 Resp: 91440
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 51.7 41.4 62.0



#50
 1,1,2-Trichloroethane
 Concen: 21.040 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion: 97 Resp: 51190
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.2 103.8
 85 56.0 44.8 67.2
 99 65.1 52.1 78.1

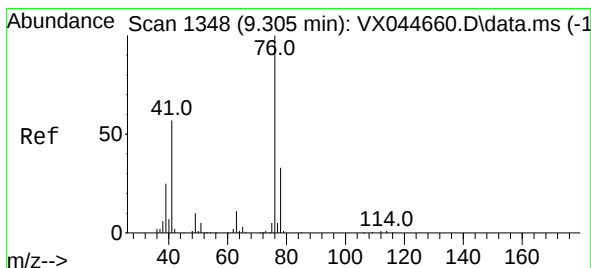
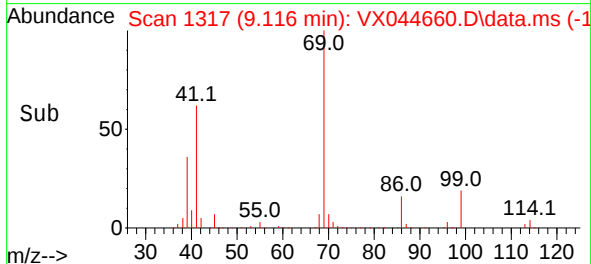
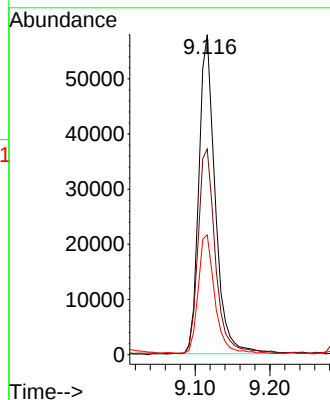
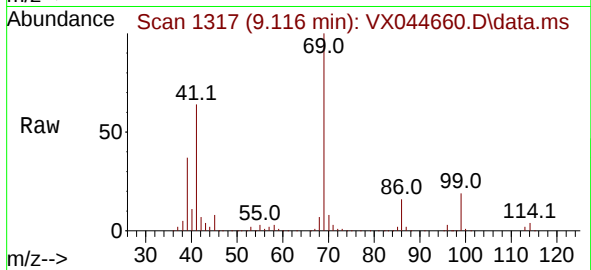




#51
Ethyl methacrylate
Concen: 20.861 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

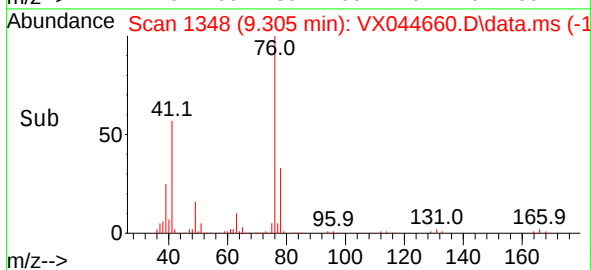
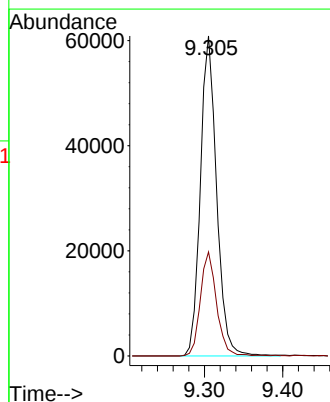
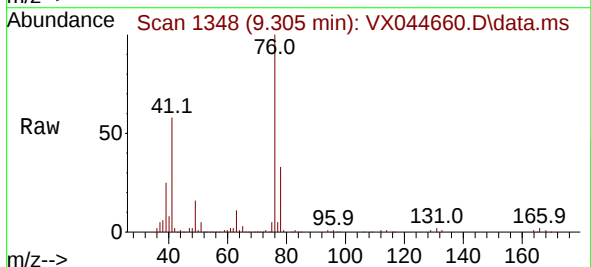
Instrument :
MSVOA_X
ClientSampleId :

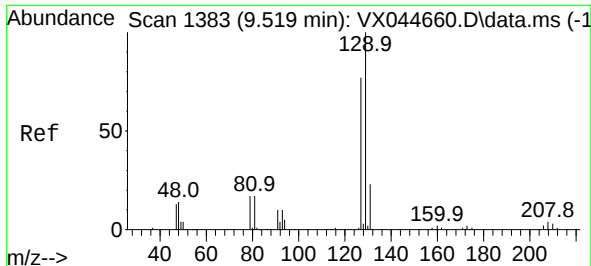
Tgt Ion: 69 Resp: 88025
Ion Ratio Lower Upper
69 100
41 64.0 32.0 96.0
39 37.1 18.6 55.6



#52
1,3-Dichloropropane
Concen: 20.900 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 76 Resp: 87800
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





#53

Dibromochloromethane

Concen: 21.165 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

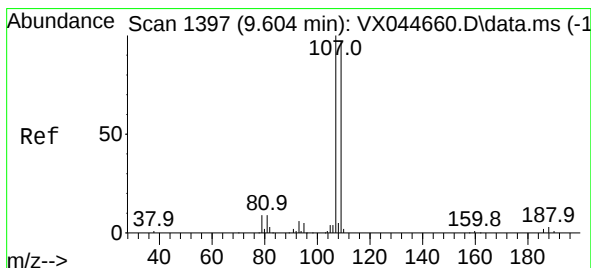
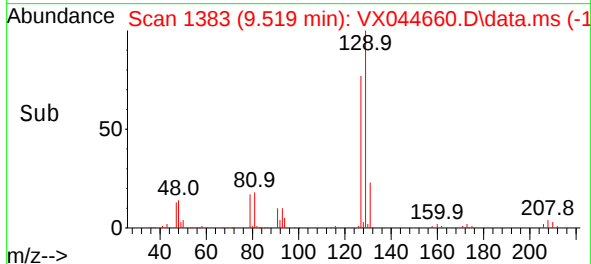
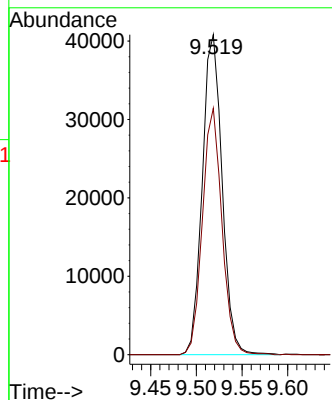
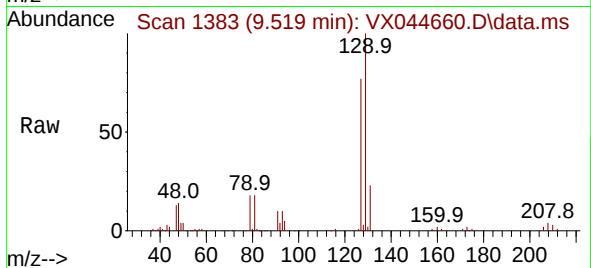
ClientSampleId :

Tgt Ion:129 Resp: 61431

Ion Ratio Lower Upper

129 100

127 75.6 37.8 113.4



#54

1,2-Dibromoethane

Concen: 20.963 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044660.D

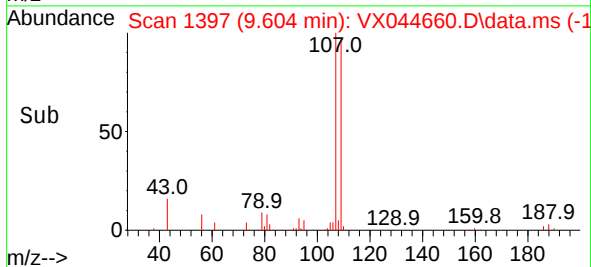
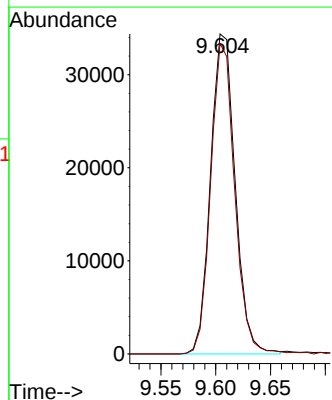
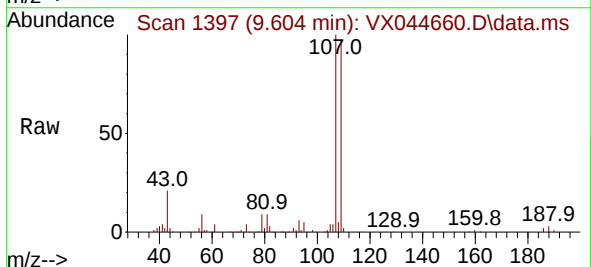
Acq: 16 Jan 2025 09:02

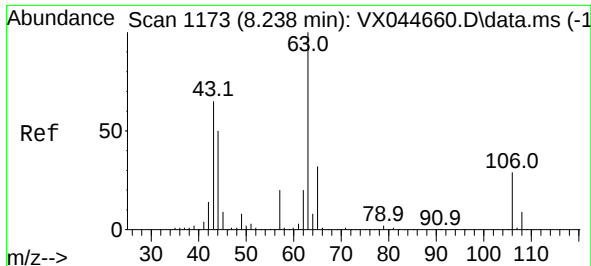
Tgt Ion:107 Resp: 53825

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3

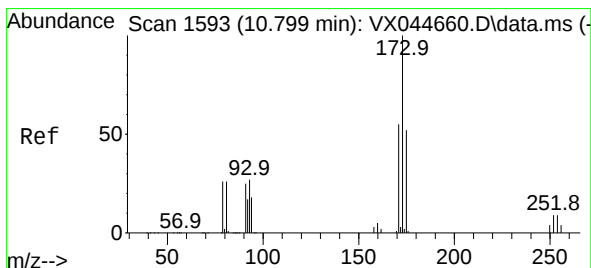
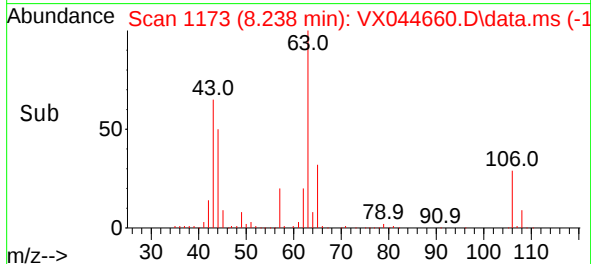
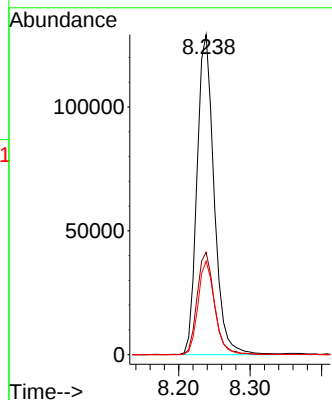
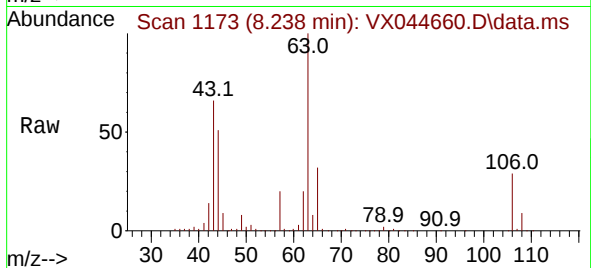




#55
2-Chloroethyl vinyl ether
Concen: 104.779 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

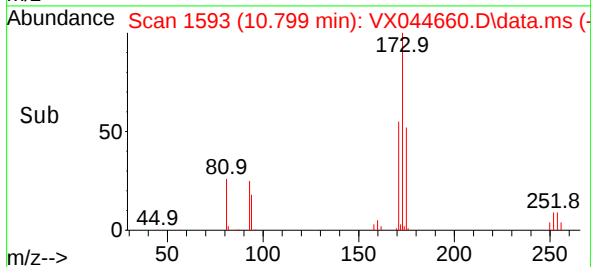
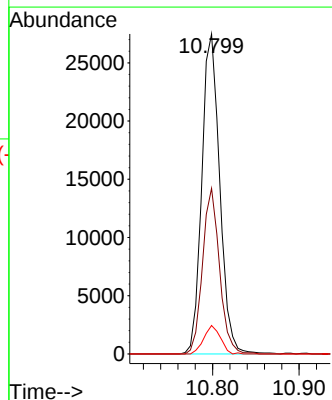
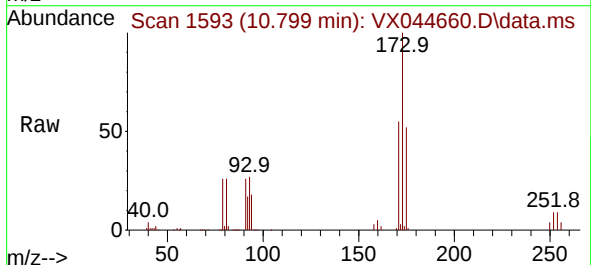
Instrument :
MSVOA_X
ClientSampleId :

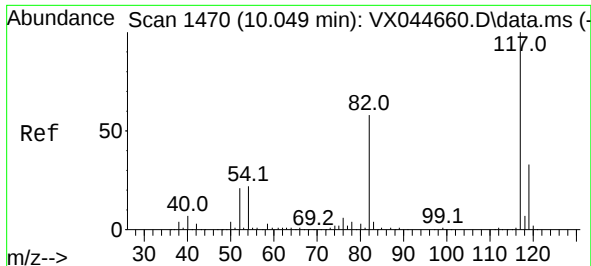
Tgt Ion: 63 Resp: 214240
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 28.8 23.1 34.7



#56
Bromoform
Concen: 20.544 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 173 Resp: 39538
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 8.1 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: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

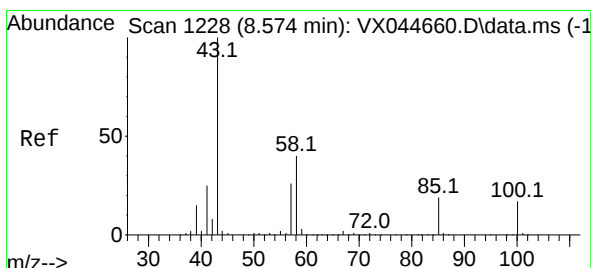
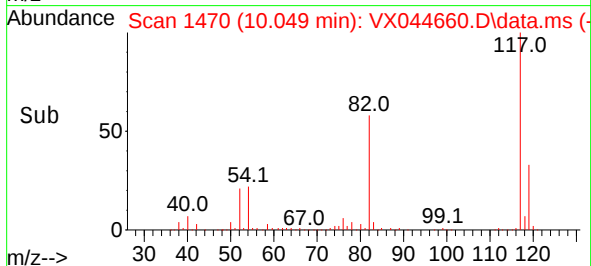
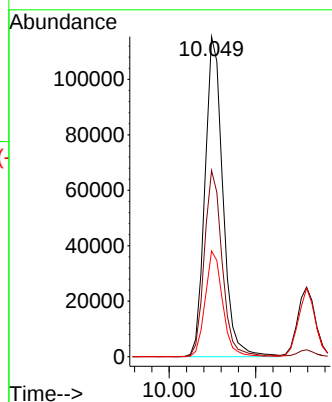
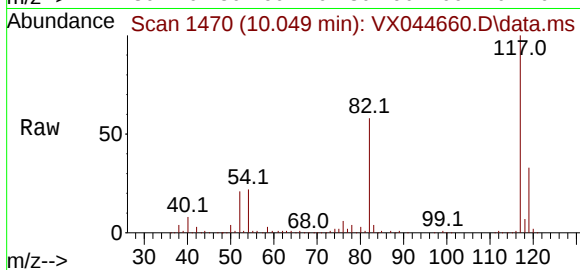
Tgt Ion:117 Resp: 165841

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

119 32.2 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 102.588 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

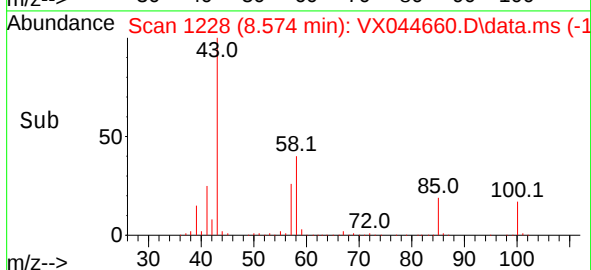
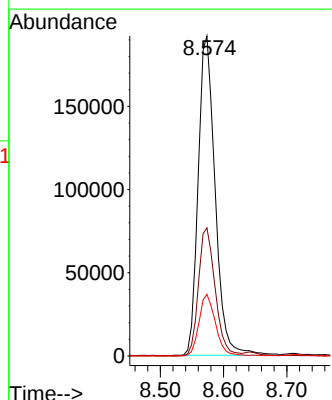
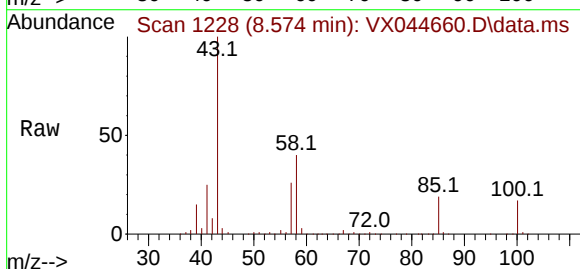
Tgt Ion: 43 Resp: 358614

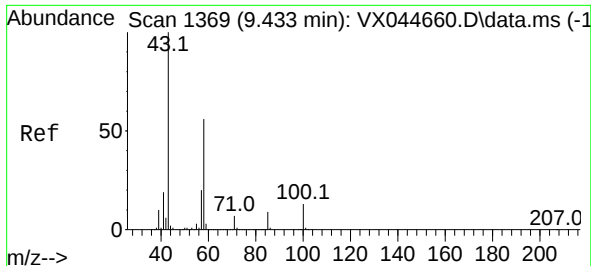
Ion Ratio Lower Upper

43 100

58 39.6 31.7 47.5

85 18.8 15.0 22.6

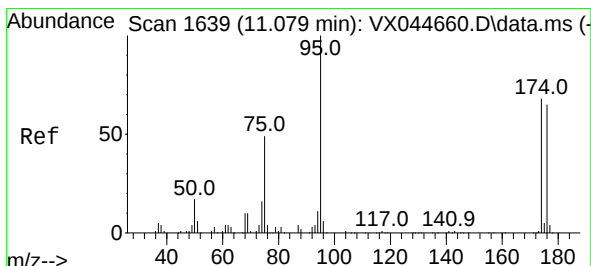
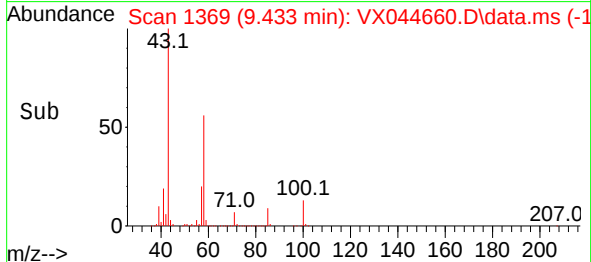
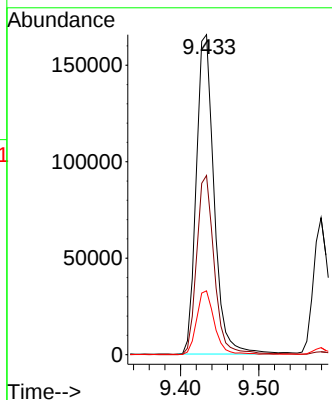
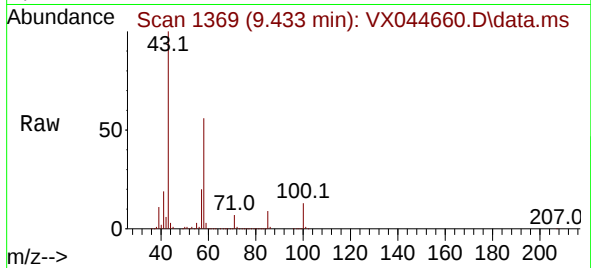




#59
2-Hexanone
Concen: 102.292 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

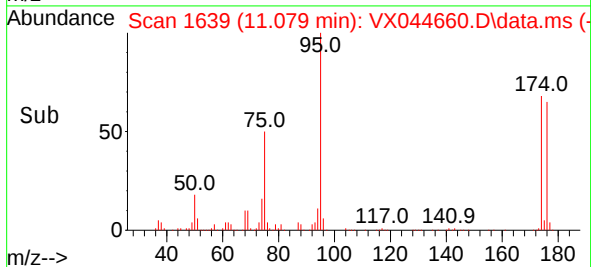
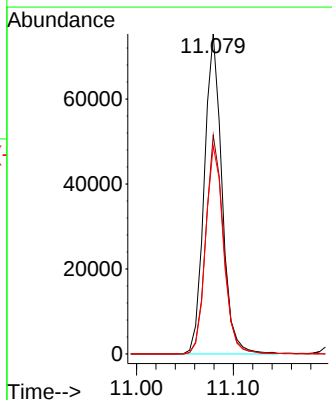
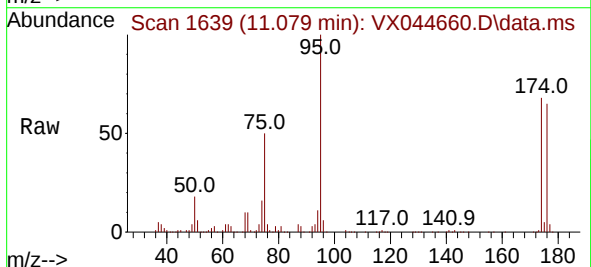
Instrument :
MSVOA_X
ClientSampleId :

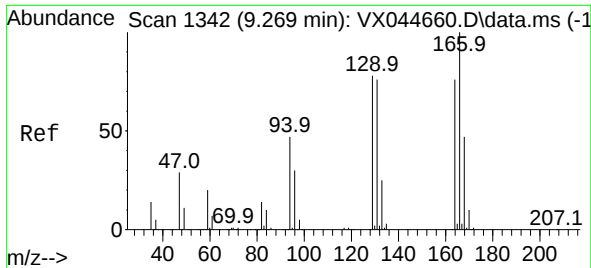
Tgt Ion: 43 Resp: 261785
Ion Ratio Lower Upper
43 100
58 55.5 44.4 66.6
57 19.4 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

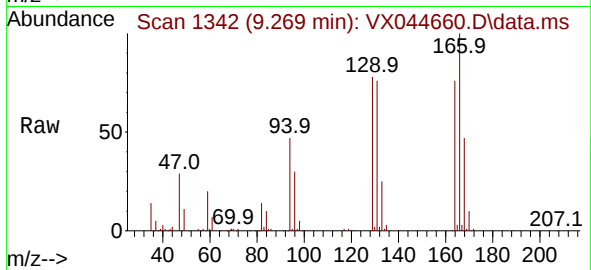
Tgt Ion: 95 Resp: 95915
Ion Ratio Lower Upper
95 100
174 68.2 54.6 81.8
176 66.0 52.8 79.2



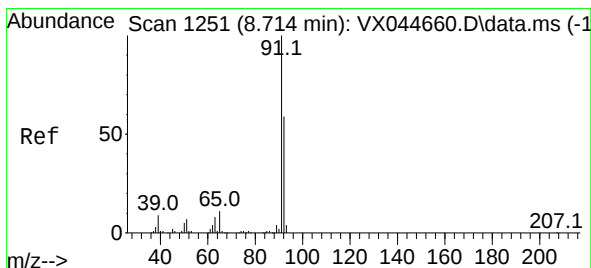
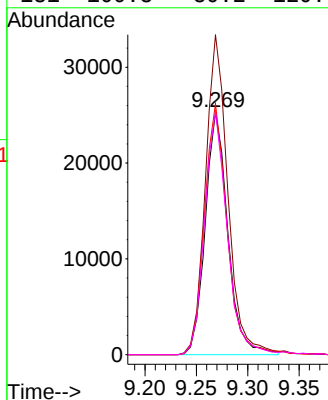
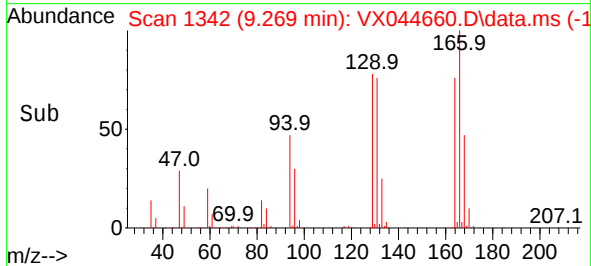


#61
Tetrachloroethene
Concen: 19.466 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

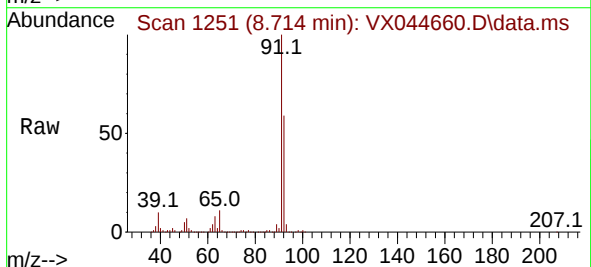
Instrument :
MSVOA_X
ClientSampleId :



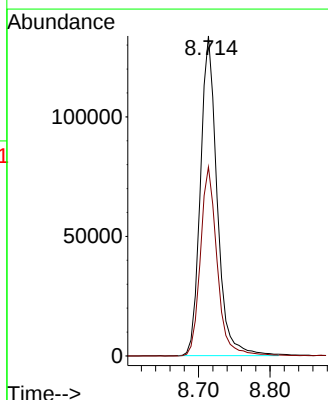
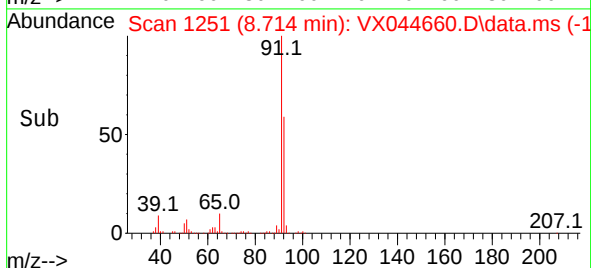
Tgt Ion:164 Resp: 38724
Ion Ratio Lower Upper
164 100
166 132.0 105.6 158.4
129 103.5 82.8 124.2
131 100.3 80.2 120.4

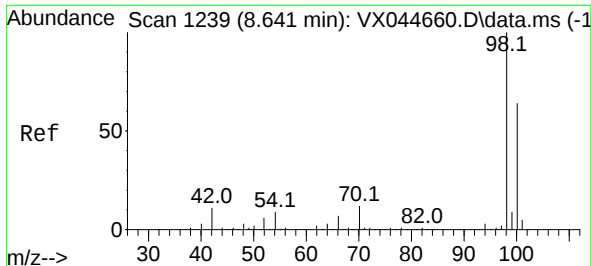


#62
Toluene
Concen: 19.970 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02



Tgt Ion: 91 Resp: 218070
Ion Ratio Lower Upper
91 100
92 59.1 47.3 70.9

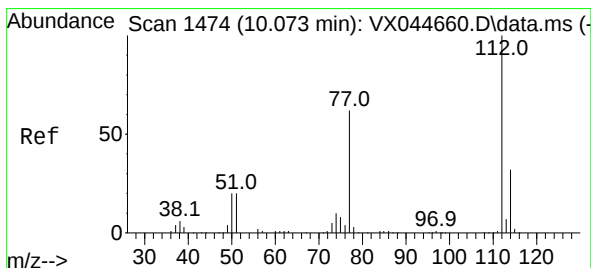
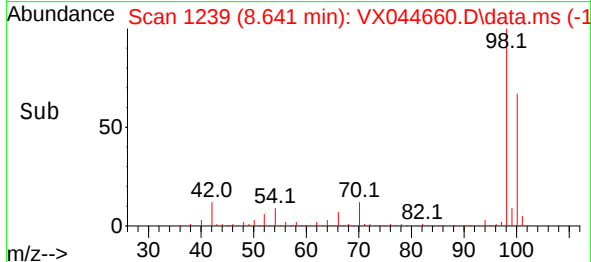
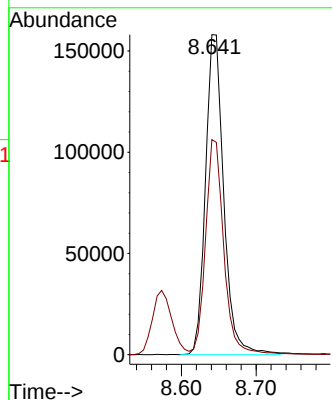
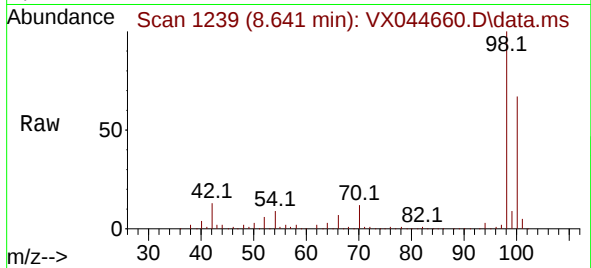




#63
Toluene-d8
Concen: 29.779 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

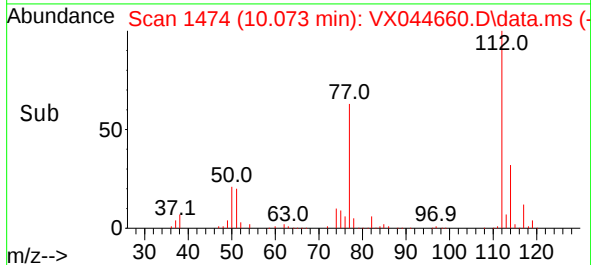
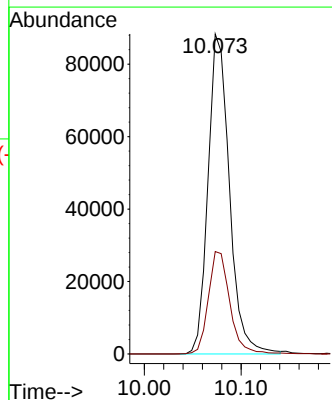
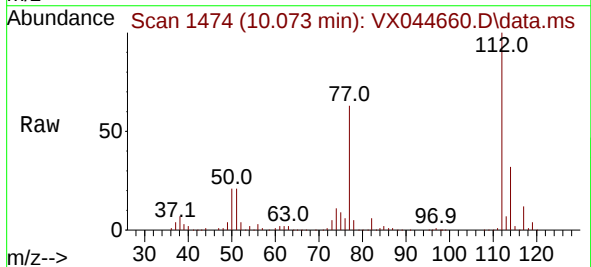
Instrument :
MSVOA_X
ClientSampleId :

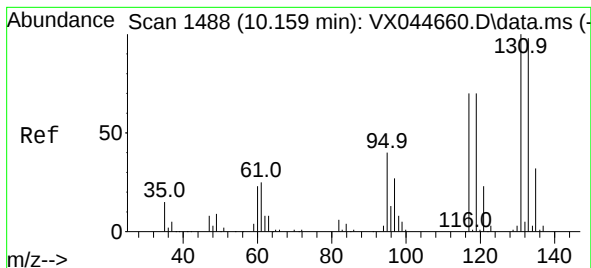
Tgt Ion: 98 Resp: 268606
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#64
Chlorobenzene
Concen: 20.059 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 112 Resp: 136037
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 20.207 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

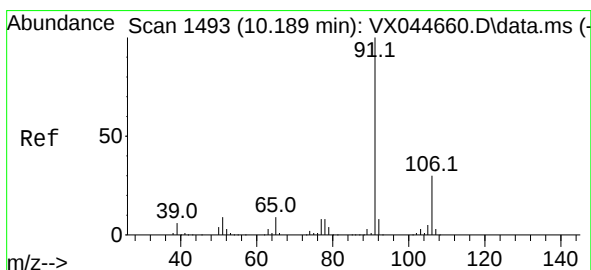
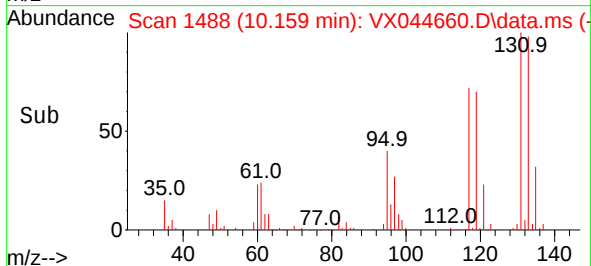
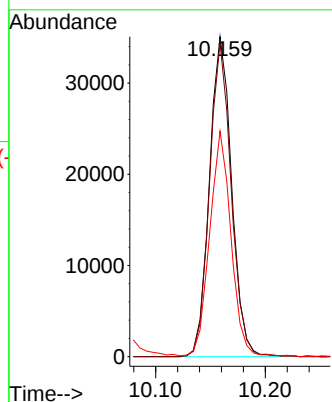
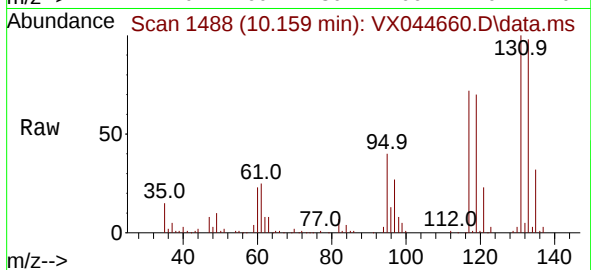
Tgt Ion:131 Resp: 49228

Ion Ratio Lower Upper

131 100

133 96.2 0.0 192.4

119 66.7 0.0 133.4



#66

Ethyl Benzene

Concen: 20.238 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044660.D

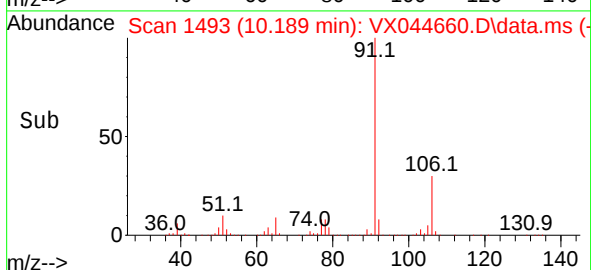
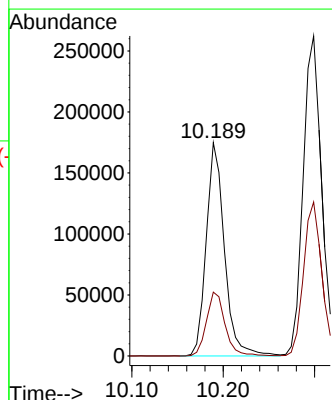
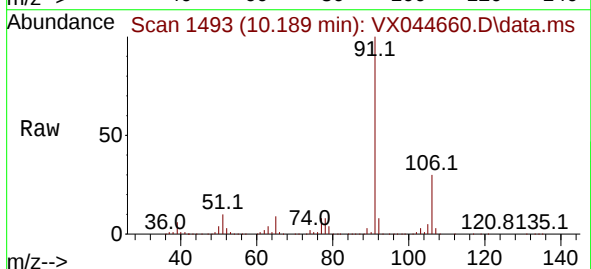
Acq: 16 Jan 2025 09:02

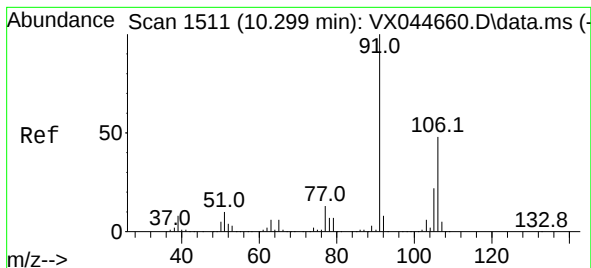
Tgt Ion: 91 Resp: 241177

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0

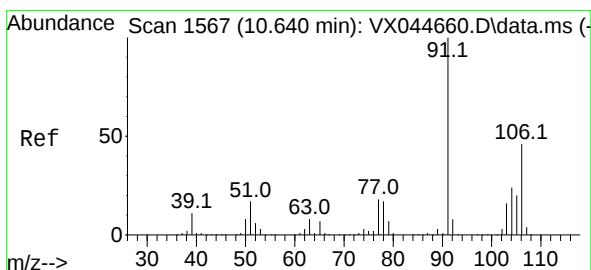
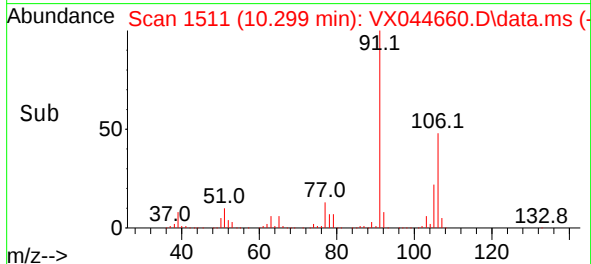
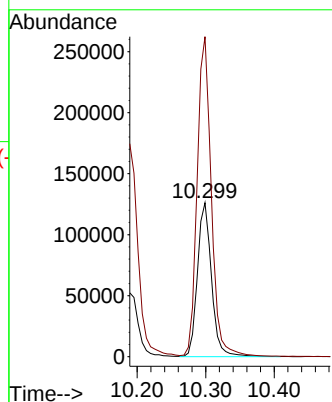
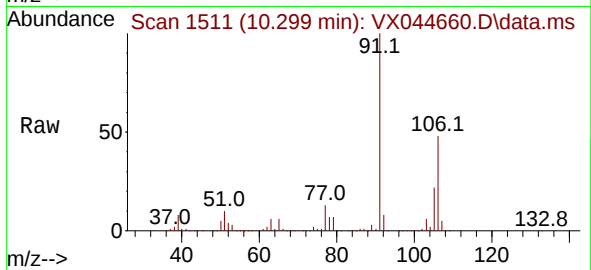




#67
m/p-Xylenes
Concen: 41.233 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

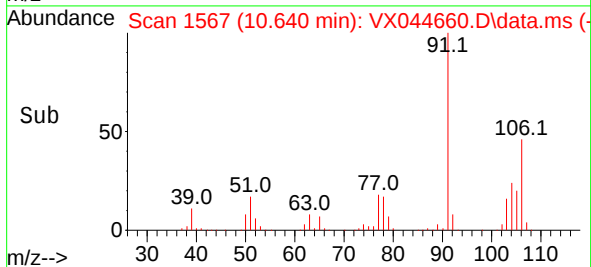
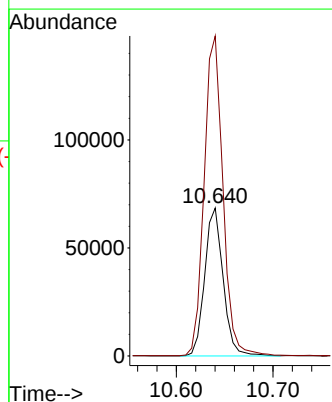
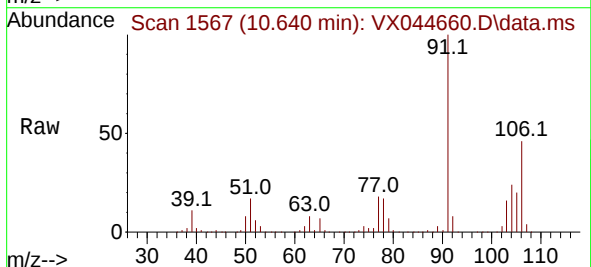
Instrument :
MSVOA_X
ClientSampleId :

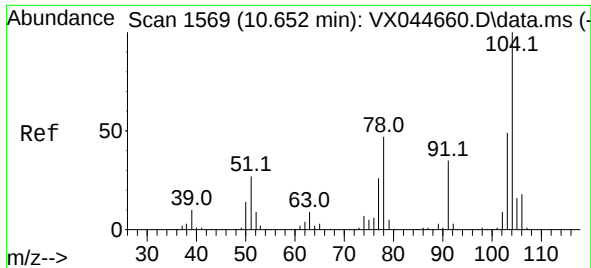
Tgt Ion:106 Resp: 180626
Ion Ratio Lower Upper
106 100
91 208.5 166.8 250.2



#68
o-Xylene
Concen: 20.694 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:106 Resp: 90982
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.1

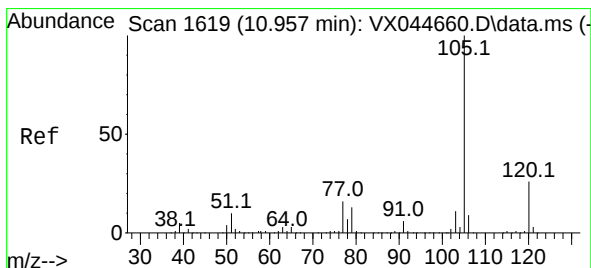
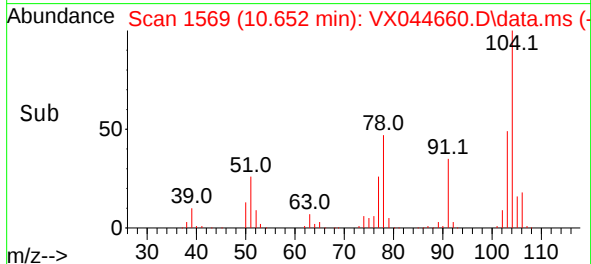
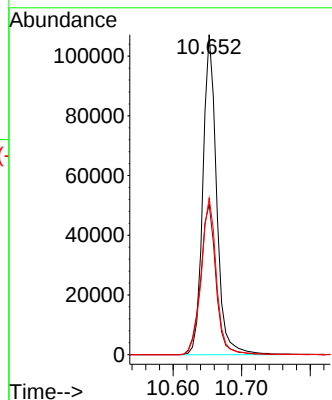
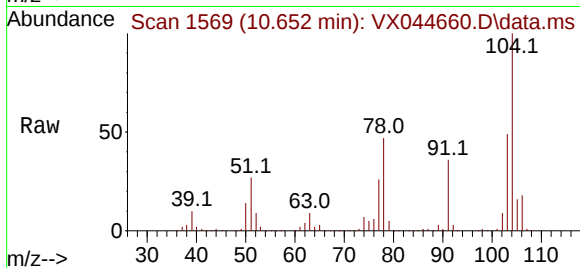




#69
Styrene
Concen: 20.793 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

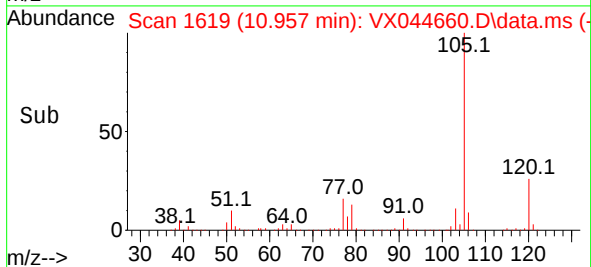
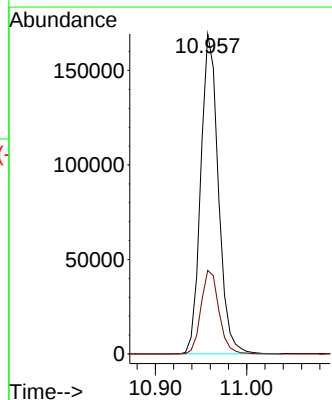
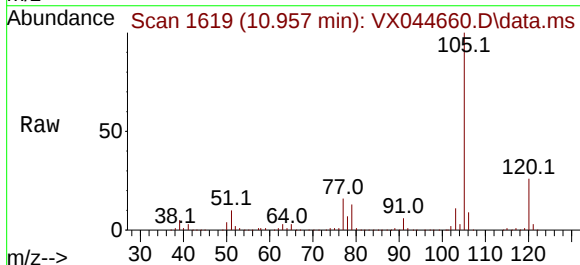
Instrument :
MSVOA_X
ClientSampleId :

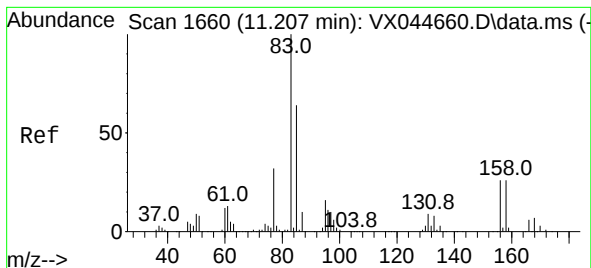
Tgt Ion:104 Resp: 150095
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 53.9 43.1 64.7



#70
Isopropylbenzene
Concen: 20.476 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:105 Resp: 226317
Ion Ratio Lower Upper
105 100
120 26.6 18.6 34.6

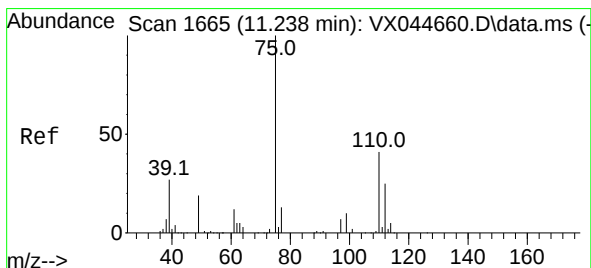
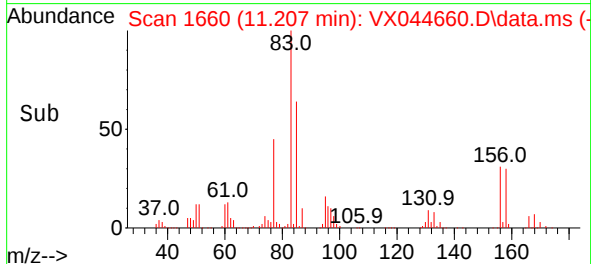
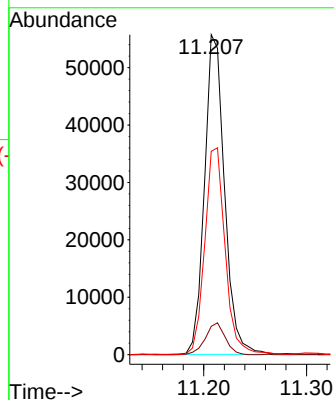
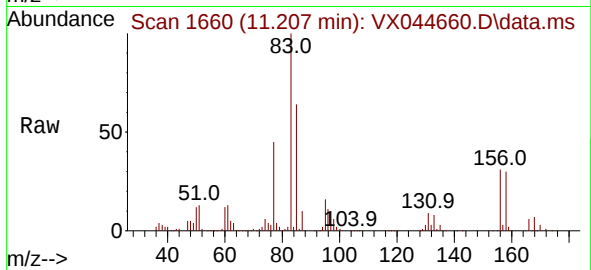




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.326 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

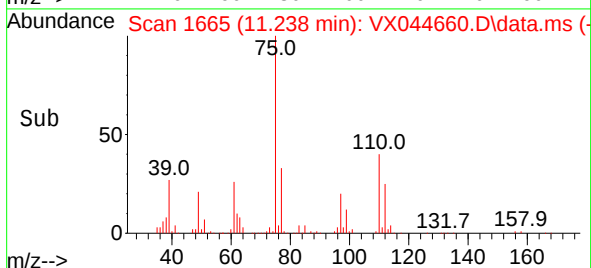
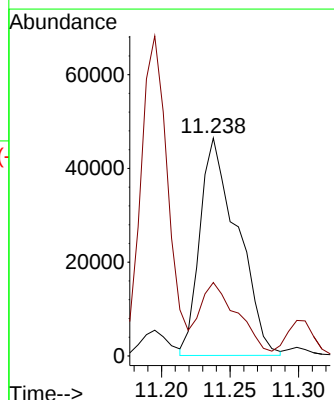
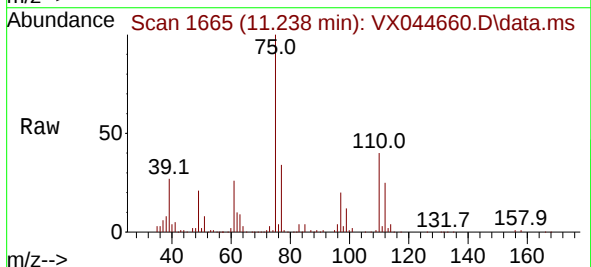
Instrument :
 MSVOA_X
 ClientSampleId :

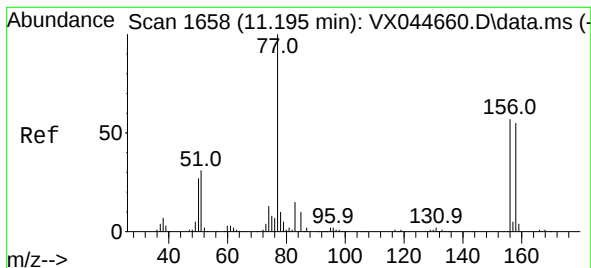
Tgt Ion: 83 Resp: 75650
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 66.0 33.0 99.0



#72
 1,2,3-Trichloropropane
 Concen: 28.398 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion: 75 Resp: 88770
 Ion Ratio Lower Upper
 75 100
 77 30.1 0.0 83.0





#73

Bromobenzene

Concen: 20.435 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

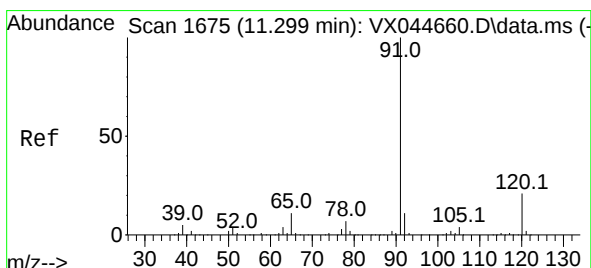
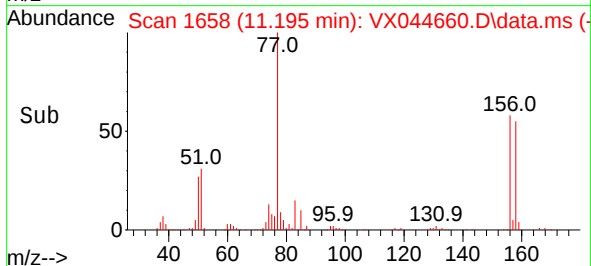
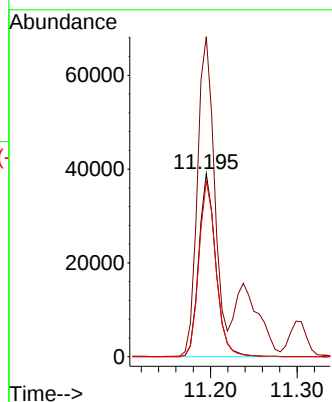
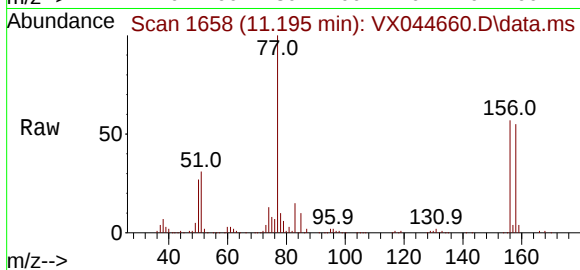
Tgt Ion:156 Resp: 52618

Ion Ratio Lower Upper

156 100

77 177.3 0.0 354.6

158 96.8 0.0 193.6



#74

n-propylbenzene

Concen: 20.339 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044660.D

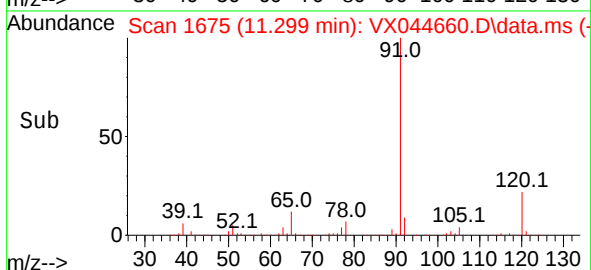
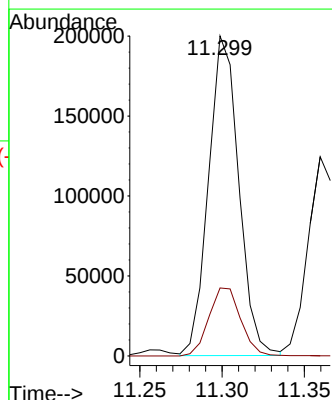
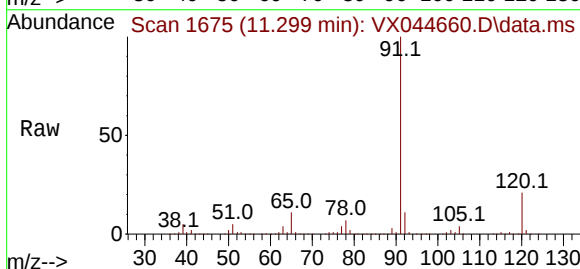
Acq: 16 Jan 2025 09:02

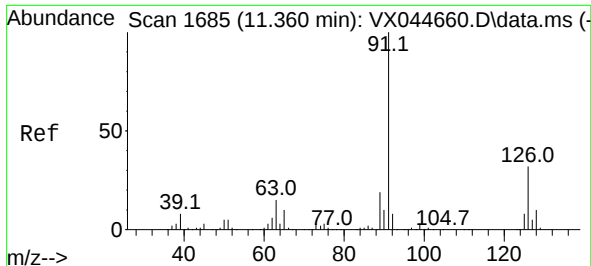
Tgt Ion: 91 Resp: 255513

Ion Ratio Lower Upper

91 100

120 22.5 0.0 45.0

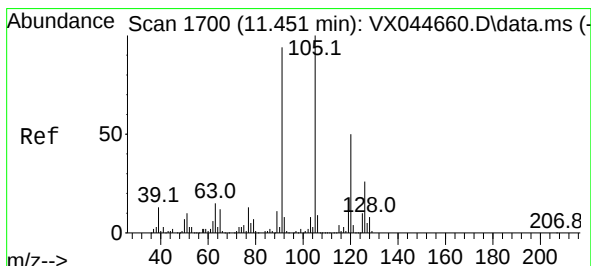
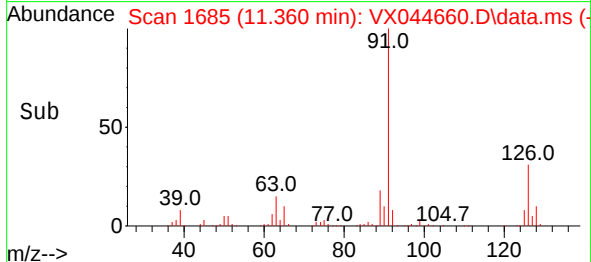
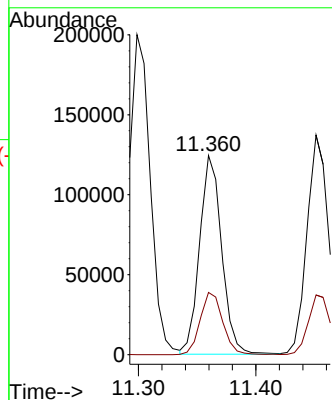
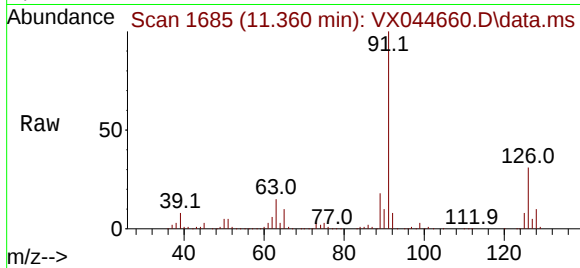




#75
2-Chlorotoluene
Concen: 20.573 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

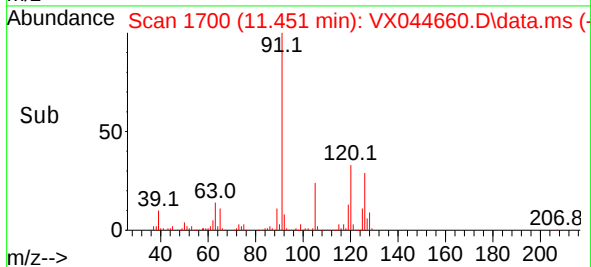
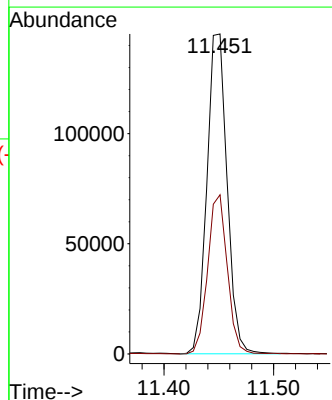
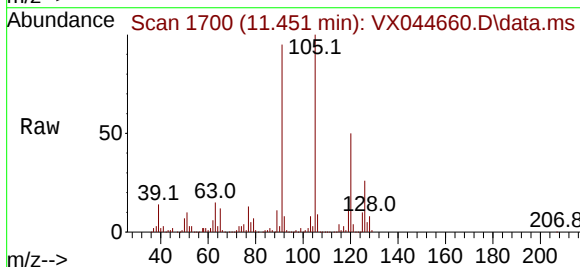
Instrument :
MSVOA_X
ClientSampleId :

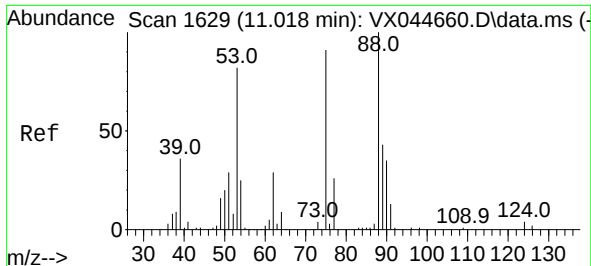
Tgt Ion: 91 Resp: 162457
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 20.653 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion:105 Resp: 185378
Ion Ratio Lower Upper
105 100
120 48.4 0.0 96.8

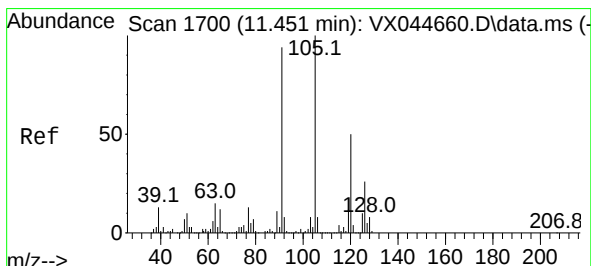
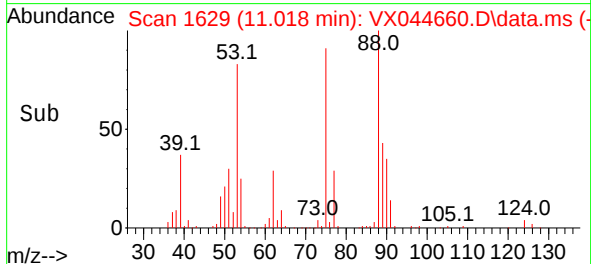
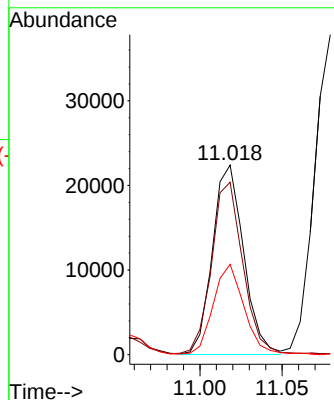
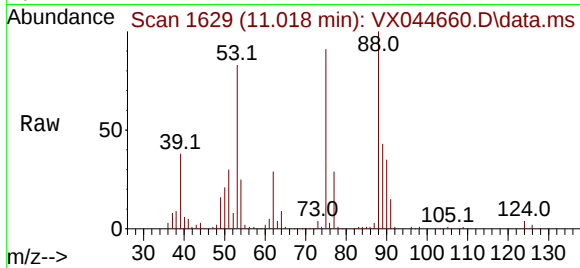




#77
t-1,4-Dichloro-2-butene
Concen: 19.959 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

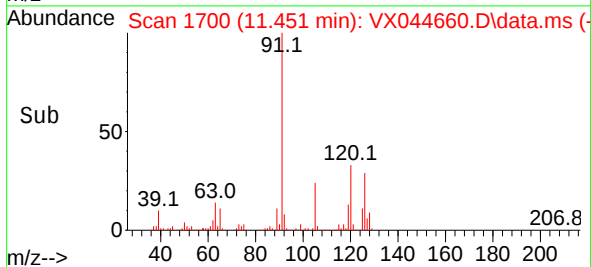
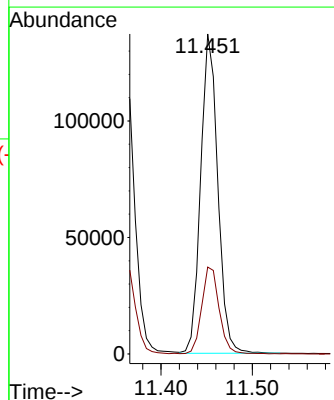
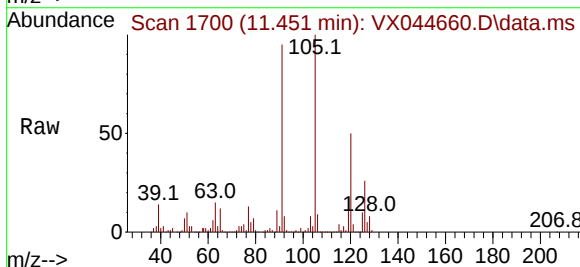
Instrument :
MSVOA_X
ClientSampleId :

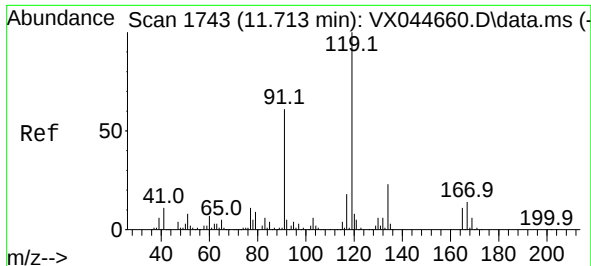
Tgt Ion: 75 Resp: 29516
Ion Ratio Lower Upper
75 100
53 90.6 45.3 135.9
89 47.5 23.8 71.2



#78
4-Chlorotoluene
Concen: 20.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 91 Resp: 177891
Ion Ratio Lower Upper
91 100
126 27.7 0.0 55.4





#79

tert-butylbenzene

Concen: 20.745 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

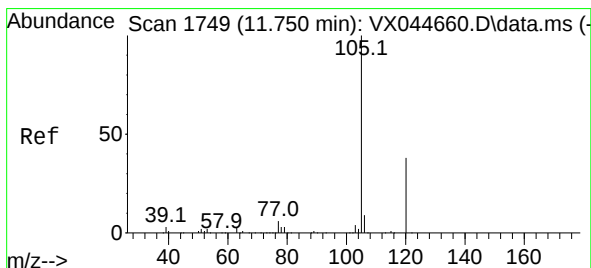
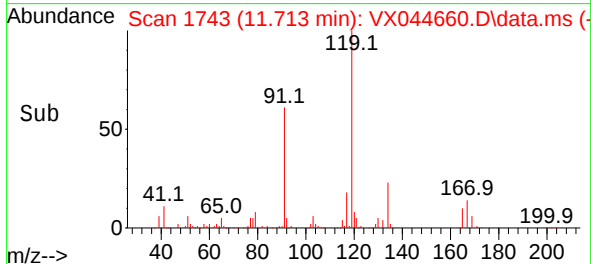
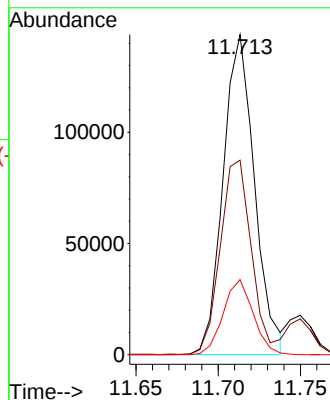
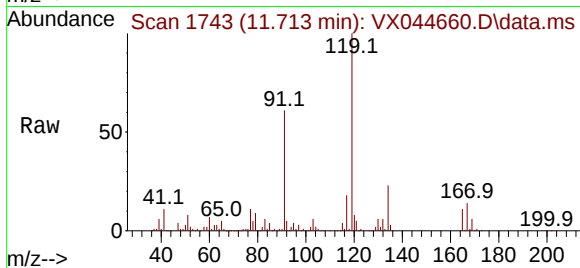
Tgt Ion:119 Resp: 191290

Ion Ratio Lower Upper

119 100

91 59.5 0.0 119.0

134 22.4 0.0 44.8



#80

1,2,4-Trimethylbenzene

Concen: 20.623 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044660.D

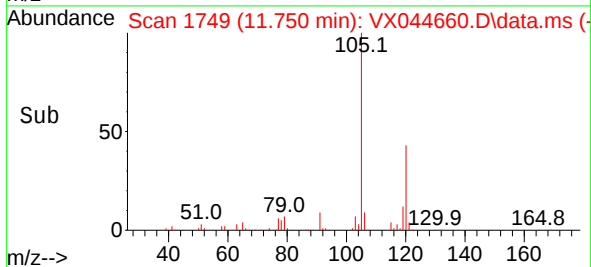
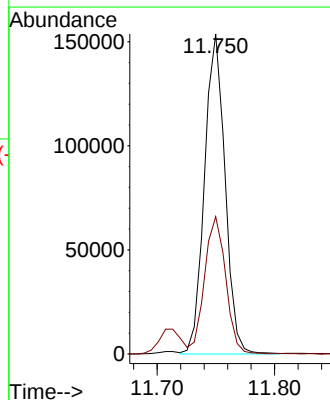
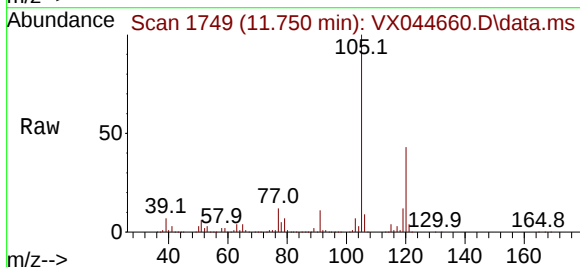
Acq: 16 Jan 2025 09:02

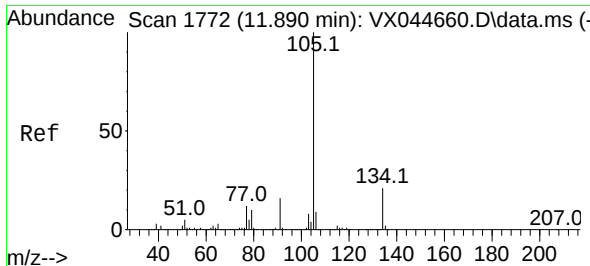
Tgt Ion:105 Resp: 186763

Ion Ratio Lower Upper

105 100

120 44.2 0.0 88.4

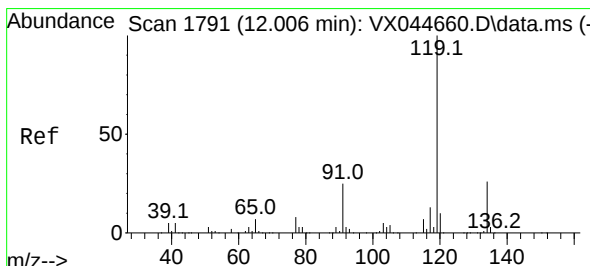
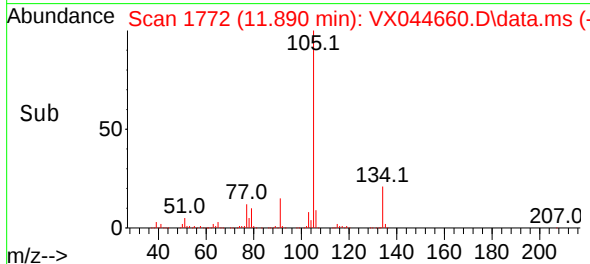
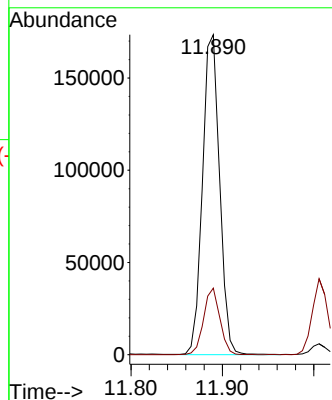
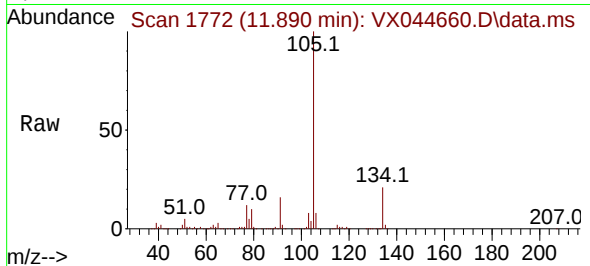




#81
 sec-Butylbenzene
 Concen: 20.434 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

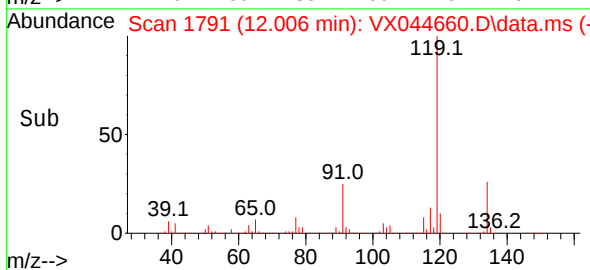
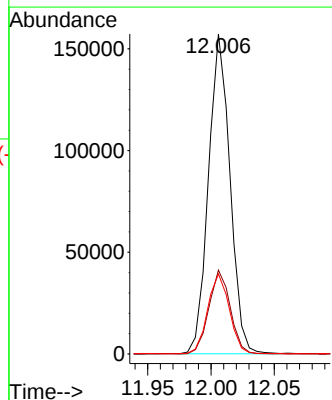
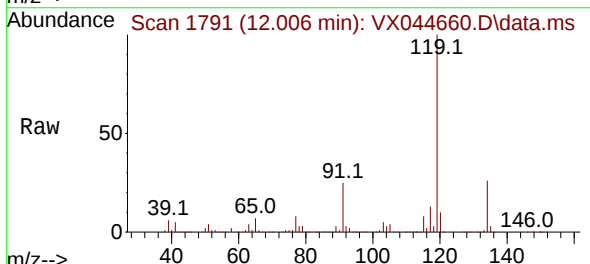
Instrument :
 MSVOA_X
 ClientSampleId :

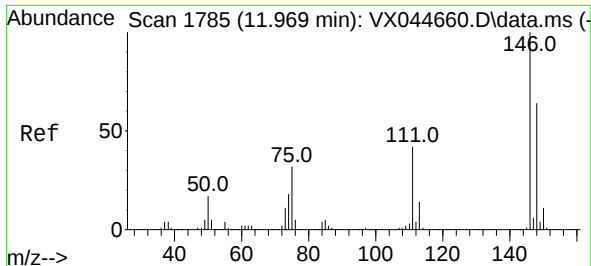
Tgt Ion:105 Resp: 224992
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 20.537 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044660.D
 Acq: 16 Jan 2025 09:02

Tgt Ion:119 Resp: 186107
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.1 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 20.330 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

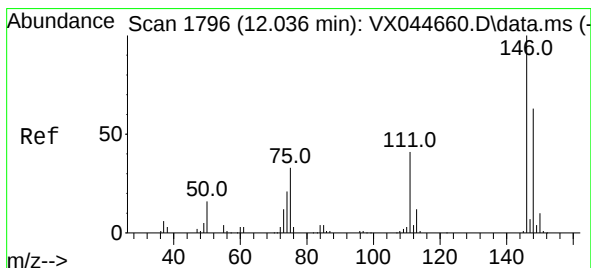
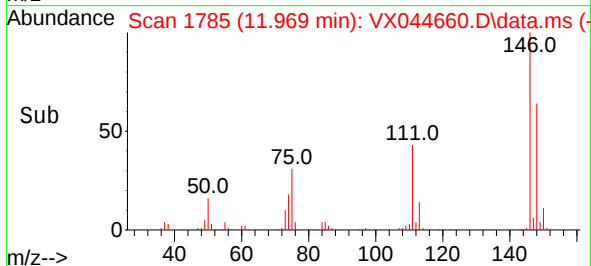
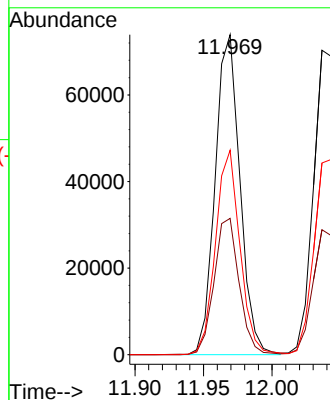
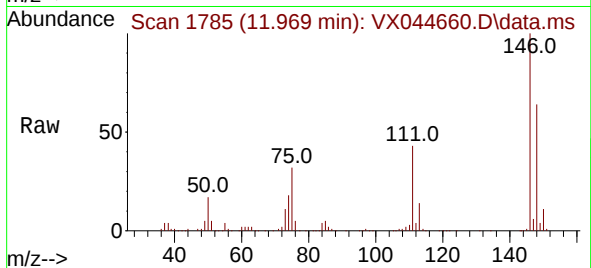
Tgt Ion:146 Resp: 92976

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

148 63.1 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 20.540 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

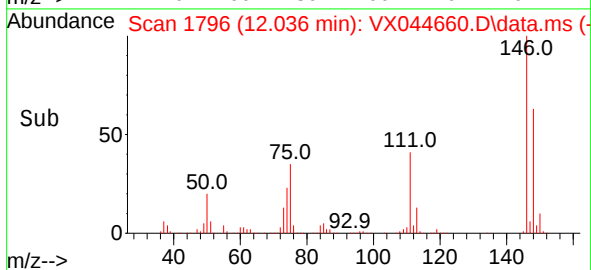
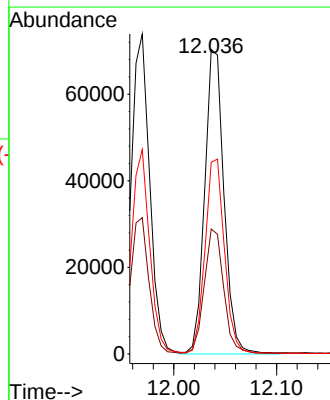
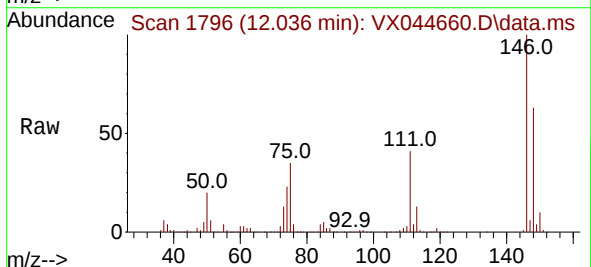
Tgt Ion:146 Resp: 92092

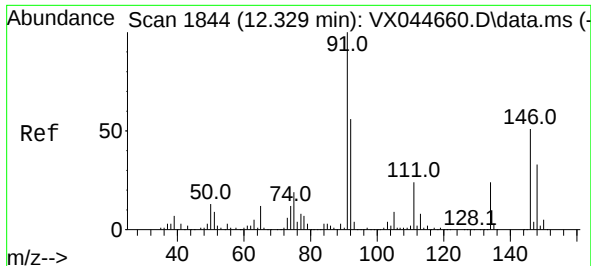
Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

148 64.3 32.1 96.5





#85

n-Butylbenzene

Concen: 19.973 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

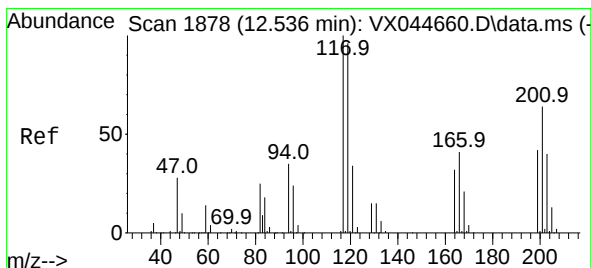
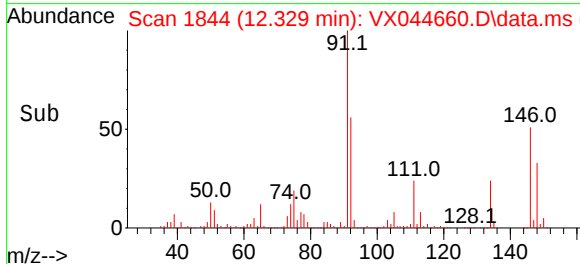
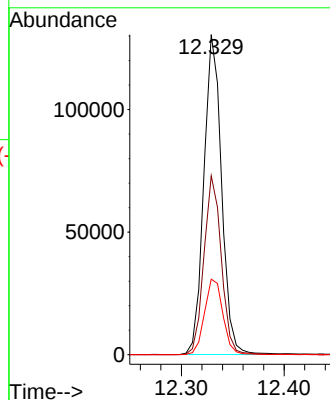
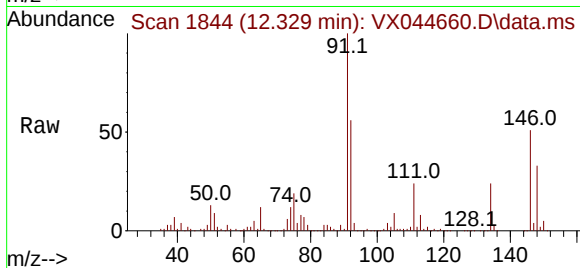
Tgt Ion: 91 Resp: 156896

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.4

134 24.6 0.0 49.2



#86

Hexachloroethane

Concen: 19.941 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044660.D

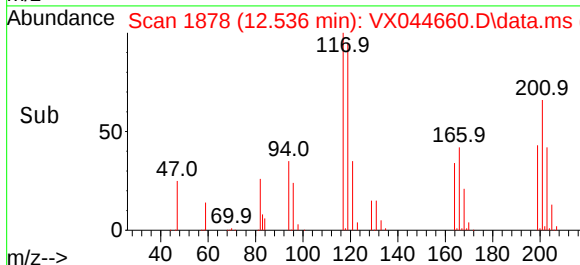
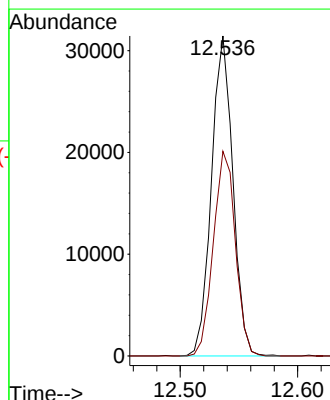
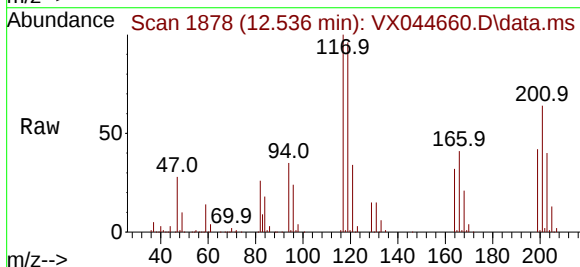
Acq: 16 Jan 2025 09:02

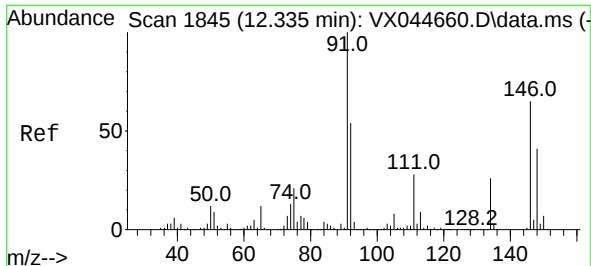
Tgt Ion: 117 Resp: 39754

Ion Ratio Lower Upper

117 100

201 65.9 33.0 98.9

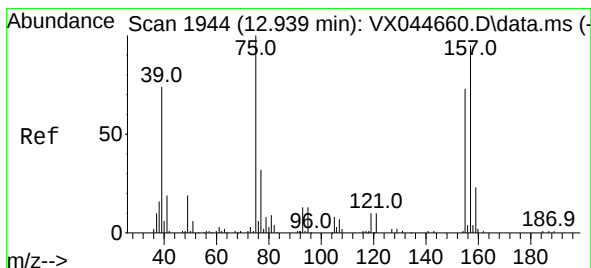
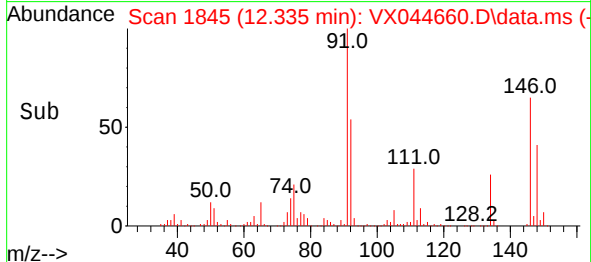
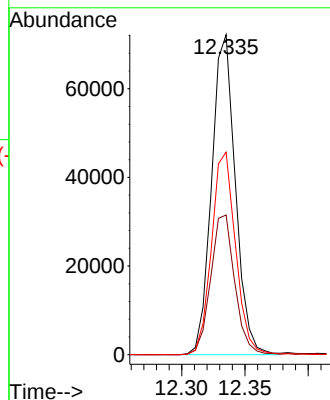
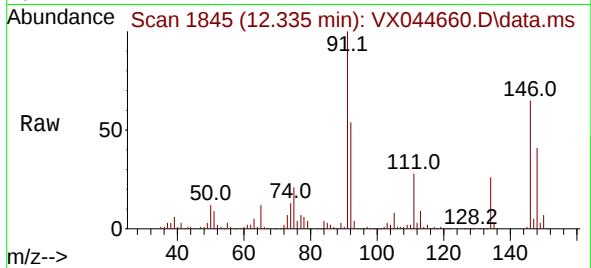




#87
1,2-Dichlorobenzene
Concen: 20.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

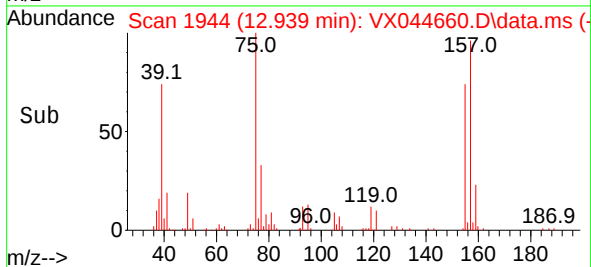
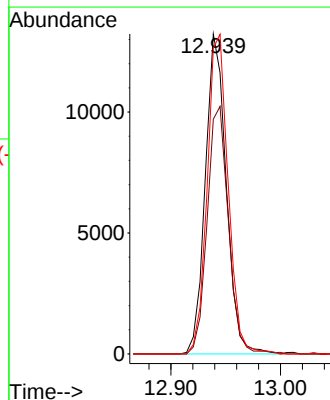
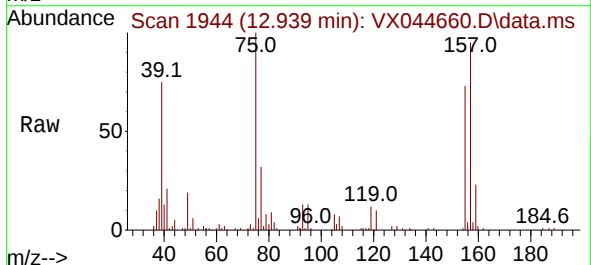
Instrument :
MSVOA_X
ClientSampleId :

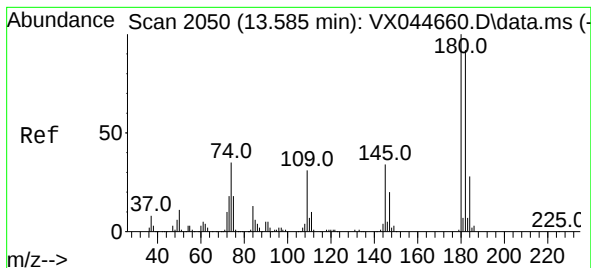
Tgt Ion:146 Resp: 94144
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 64.2 32.1 96.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.597 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044660.D
Acq: 16 Jan 2025 09:02

Tgt Ion: 75 Resp: 17538
Ion Ratio Lower Upper
75 100
155 77.9 62.3 93.5
157 99.9 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 19.338 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044660.D

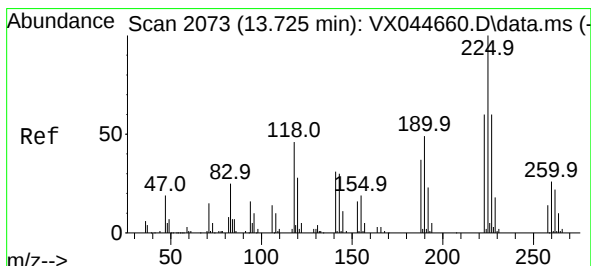
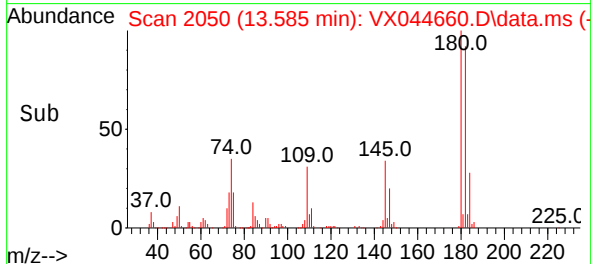
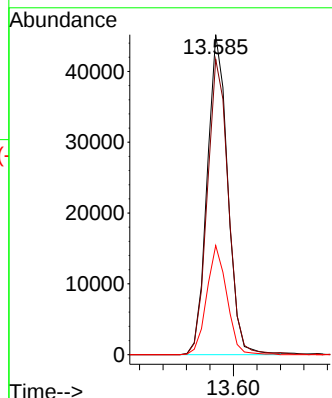
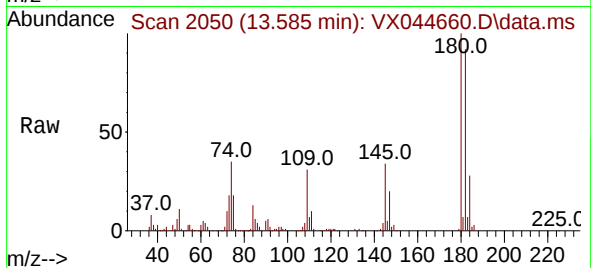
Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	54885
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.6 113.4
145	33.3	26.6 40.0



#90

Hexachlorobutadiene

Concen: 20.036 ug/l

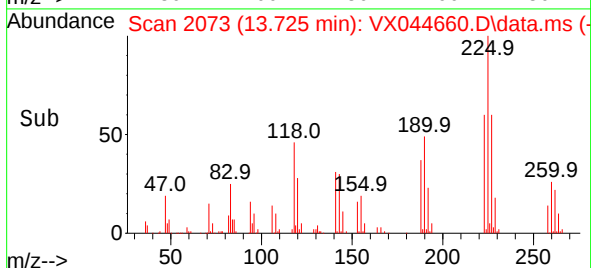
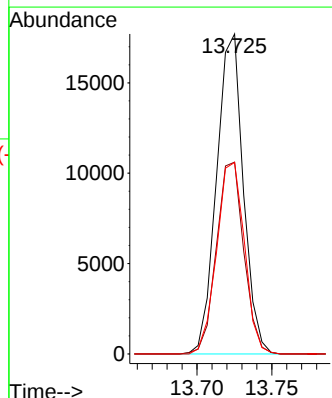
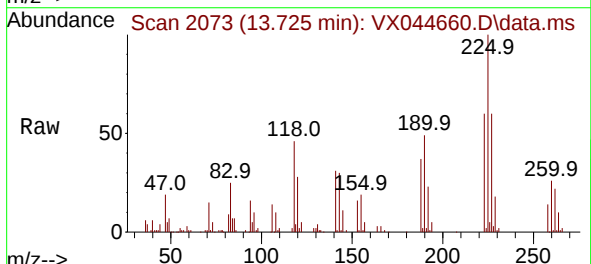
RT: 13.725 min Scan# 2073

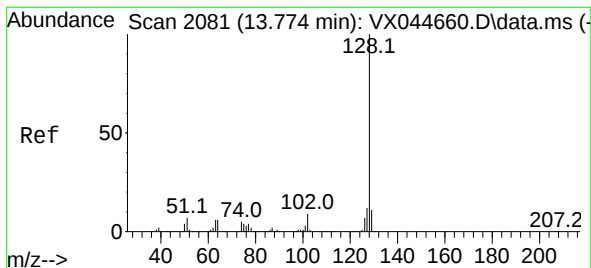
Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:225	Resp:	21996
Ion Ratio	Lower	Upper
225	100	
223	61.5	0.0 123.0
227	62.1	0.0 124.2





#91

Naphthalene

Concen: 20.183 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

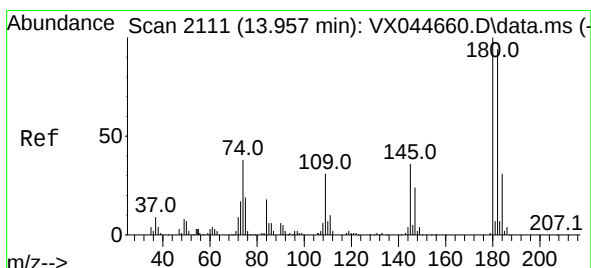
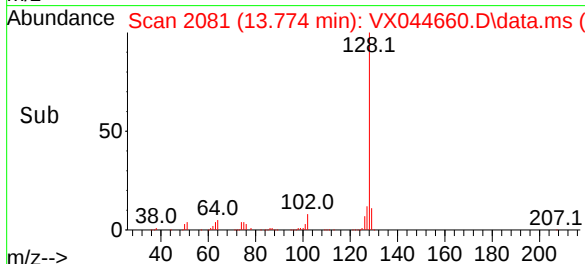
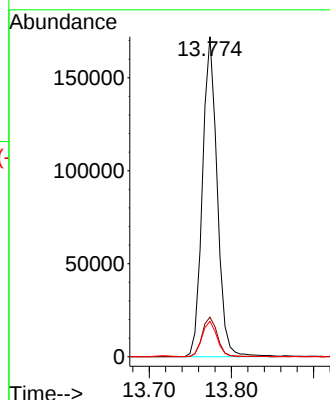
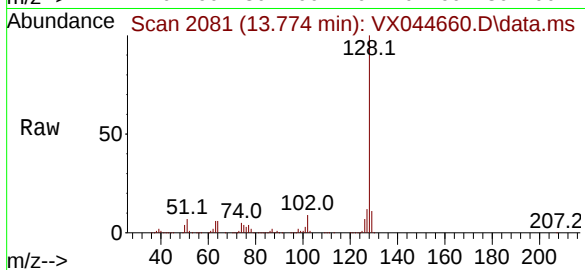
Tgt Ion:128 Resp: 214309

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.3 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 20.127 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044660.D

Acq: 16 Jan 2025 09:02

Tgt Ion:180 Resp: 58101

Ion Ratio Lower Upper

180 100

182 93.9 0.0 187.8

145 34.9 0.0 69.8

