

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
 Data File : VX044650.D
 Acq On : 15 Jan 2025 11:40
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 30 04:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	189658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	351528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	305422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52421	18.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.620%#		
35) Dibromofluoromethane	5.379	113	40585	18.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.340%#		
50) Toluene-d8	8.647	98	147843	18.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.980%#		
62) 4-Bromofluorobenzene	11.079	95	55407	19.087	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48623	19.052	ug/l	97
3) Chloromethane	1.295	50	54827	19.866	ug/l	97
4) Vinyl Chloride	1.374	62	51689	18.955	ug/l	98
5) Bromomethane	1.593	94	12588	19.333	ug/l	98
6) Chloroethane	1.660	64	8576	17.150	ug/l	98
7) Trichlorofluoromethane	1.868	101	57313	19.017	ug/l	100
8) Diethyl Ether	2.136	74	23029	18.934	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	42608	18.807	ug/l	98
10) Methyl Iodide	2.441	142	63102	20.401	ug/l	99
11) Tert butyl alcohol	2.977	59	37704	59.079	ug/l #	80
12) 1,1-Dichloroethene	2.307	96	43408	19.547	ug/l	98
13) Acrolein	2.233	56	24912	82.949	ug/l	93
14) Allyl chloride	2.654	41	81766	18.911	ug/l	100
15) Acrylonitrile	3.063	53	123315	98.515	ug/l	98
16) Acetone	2.386	43	103836	91.678	ug/l	98
17) Carbon Disulfide	2.502	76	119145	19.662	ug/l	100
18) Methyl Acetate	2.703	43	62684	17.939	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	158601	19.718	ug/l	98
20) Methylene Chloride	2.782	84	51758	19.623	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	44786	19.317	ug/l	95
22) Diisopropyl ether	3.758	45	151033	20.095	ug/l	94
23) Vinyl Acetate	3.715	43	666641	101.337	ug/l	100
24) 1,1-Dichloroethane	3.605	63	88060	19.758	ug/l	100
25) 2-Butanone	4.556	43	168309	99.946	ug/l	99
26) 2,2-Dichloropropane	4.465	77	82977	19.209	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	56594	19.406	ug/l	99
28) Bromochloromethane	4.891	49	39526	18.978	ug/l	98
29) Tetrahydrofuran	5.001	42	106241	97.807	ug/l	100
30) Chloroform	5.087	83	89891	19.985	ug/l	99
31) Cyclohexane	5.458	56	72527	20.120	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	78644	19.019	ug/l	100
36) 1,1-Dichloropropene	5.684	75	59303	19.076	ug/l	99
37) Ethyl Acetate	4.715	43	66324	20.034	ug/l	98
38) Carbon Tetrachloride	5.666	117	65838	18.829	ug/l	95
39) Methylcyclohexane	7.373	83	78248	18.961	ug/l	97
40) Benzene	6.032	78	191801	19.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36180	18.755	ug/l	98
42) 1,2-Dichloroethane	6.080	62	69034	19.635	ug/l	99
43) Isopropyl Acetate	6.336	43	119568	19.633	ug/l	99
44) Trichloroethene	7.117	130	45597	19.689	ug/l	94
45) 1,2-Dichloropropane	7.428	63	47111	19.429	ug/l	100
46) Dibromomethane	7.580	93	35056	18.991	ug/l	98
47) Bromodichloromethane	7.818	83	72837	19.241	ug/l	94
48) Methyl methacrylate	7.690	41	57413	20.310	ug/l	99
49) 1,4-Dioxane	7.665	88	23433	397.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	338304	100.520	ug/l	99
52) Toluene	8.714	92	119410	20.253	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	79260	20.266	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84851	20.008	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	47930	20.093	ug/l	97
56) Ethyl methacrylate	9.116	69	84067	20.496	ug/l	98
57) 1,3-Dichloropropane	9.305	76	81718	20.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	176999	87.899	ug/l	99
59) 2-Hexanone	9.427	43	250792	101.288	ug/l	99
60) Dibromochloromethane	9.519	129	56038	20.015	ug/l	99
61) 1,2-Dibromoethane	9.604	107	50060	20.025	ug/l	99
64) Tetrachloroethene	9.269	164	36566	19.066	ug/l	96
65) Chlorobenzene	10.073	112	126540	19.506	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45959	19.493	ug/l	99
67) Ethyl Benzene	10.189	91	223249	19.723	ug/l	99
68) m/p-Xylenes	10.299	106	167689	39.921	ug/l	100
69) o-Xylene	10.640	106	84280	19.840	ug/l	99
70) Styrene	10.653	104	138465	20.189	ug/l	99
71) Bromoform	10.799	173	36839	19.198	ug/l #	98
73) Isopropylbenzene	10.957	105	211633	19.797	ug/l	99
74) N-amyl acetate	10.842	43	103040	19.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	73190	19.823	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	80837	25.454	ug/l	83
77) Bromobenzene	11.195	156	48555	19.432	ug/l	100
78) n-propylbenzene	11.299	91	234567	19.896	ug/l	100
79) 2-Chlorotoluene	11.360	91	149688	19.655	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	173348	19.919	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27061	19.486	ug/l	98
82) 4-Chlorotoluene	11.451	91	166586	19.968	ug/l	100
83) tert-Butylbenzene	11.713	119	178504	19.617	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	175164	19.807	ug/l	99
85) sec-Butylbenzene	11.890	105	208186	19.649	ug/l	100
86) p-Isopropyltoluene	12.006	119	171507	19.697	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84759	19.560	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	84055	19.188	ug/l	100
89) n-Butylbenzene	12.329	91	145015	19.391	ug/l	99
90) Hexachloroethane	12.536	117	36858	18.693	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	87147	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16770	18.572	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	49471	18.595	ug/l	98
94) Hexachlorobutadiene	13.719	225	19513	18.672	ug/l	99
95) Naphthalene	13.774	128	198769	19.372	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	52651	19.093	ug/l	99

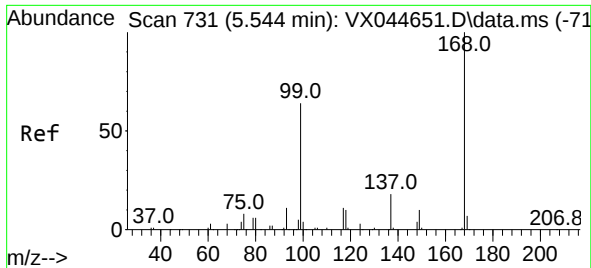
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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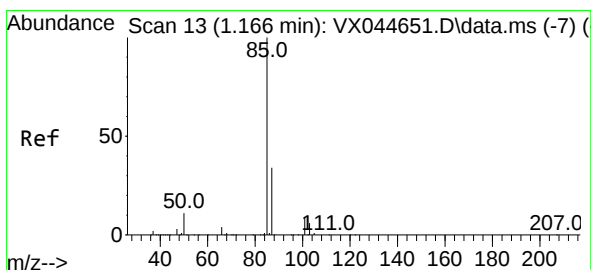
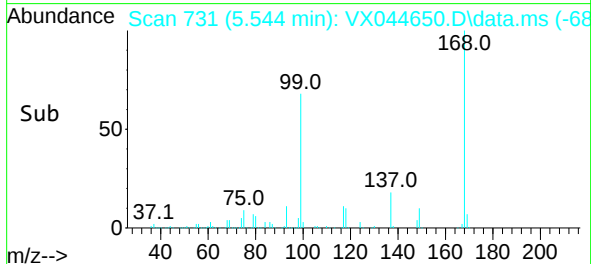
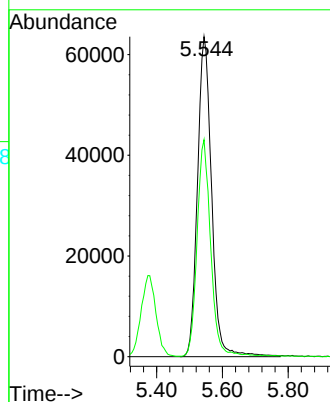
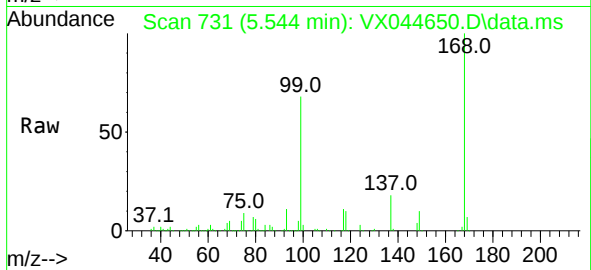
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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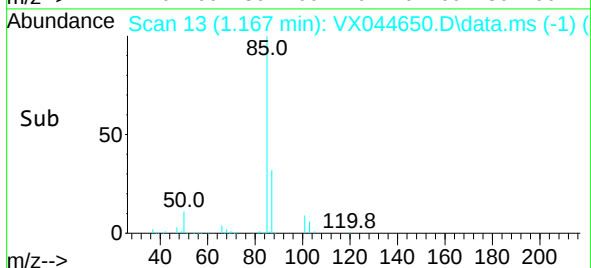
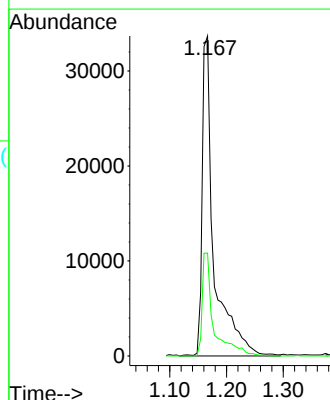
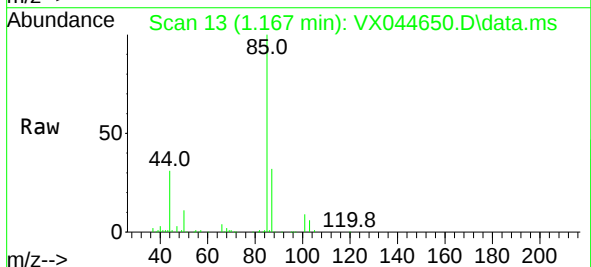
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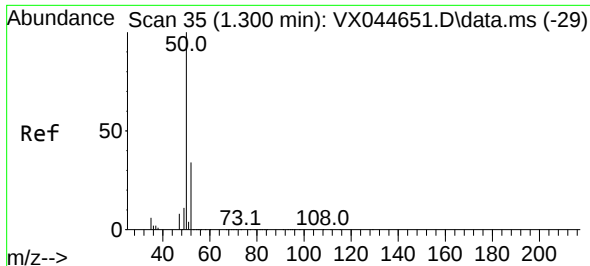
Tgt Ion:168 Resp: 189658
Ion Ratio Lower Upper
168 100
99 67.7 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 19.052 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 85 Resp: 48623
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.4

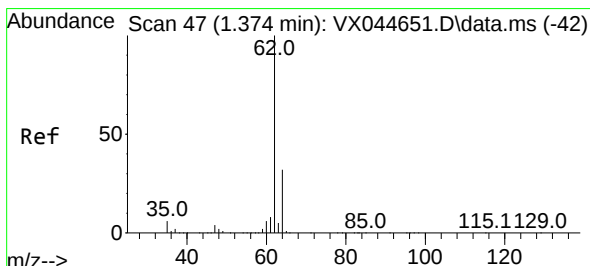
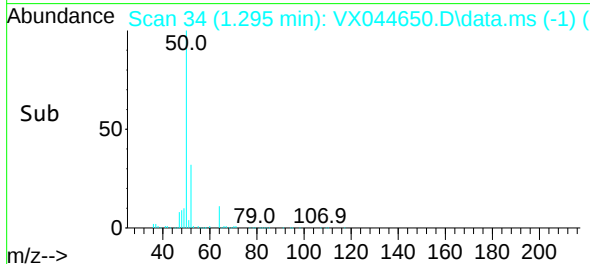
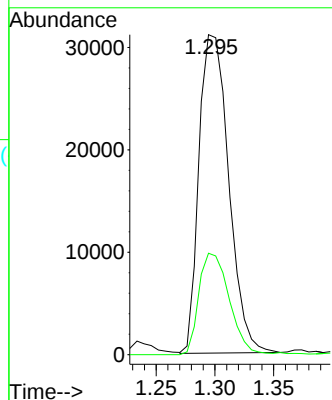
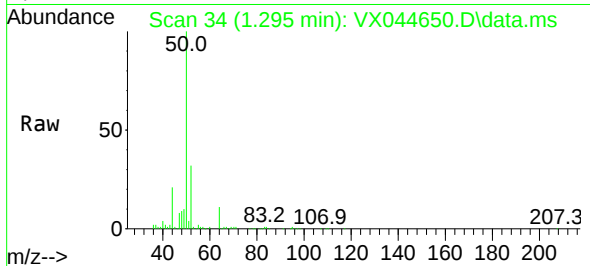




#3
Chloromethane
Concen: 19.866 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

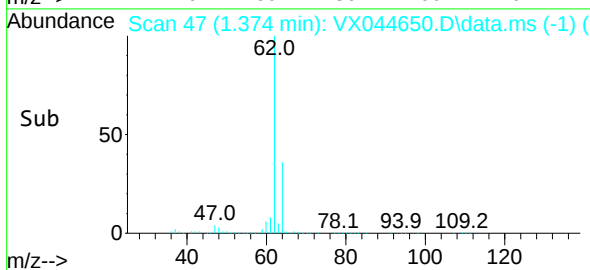
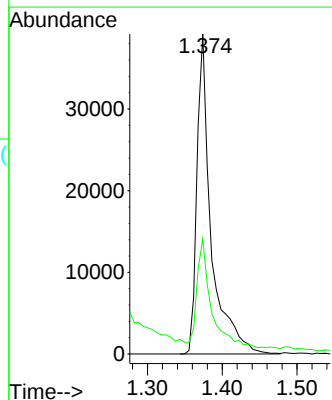
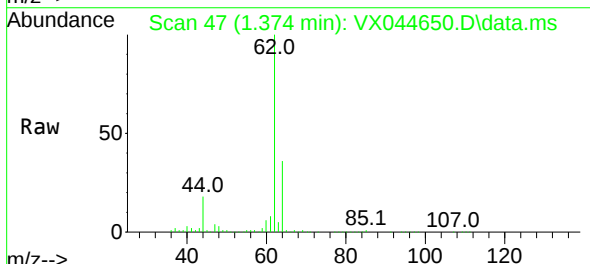
Instrument :
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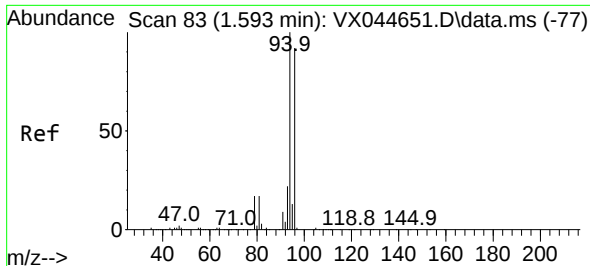
Tgt Ion: 50 Resp: 54827
Ion Ratio Lower Upper
50 100
52 31.9 27.0 40.4



#4
Vinyl Chloride
Concen: 18.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 62 Resp: 51689
Ion Ratio Lower Upper
62 100
64 34.3 26.6 39.8

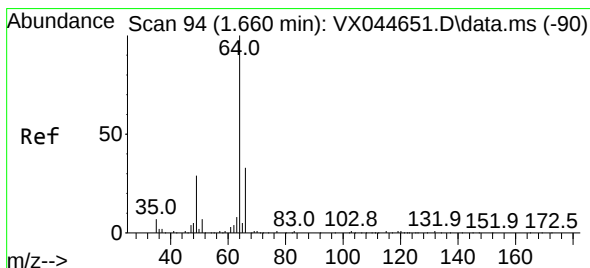
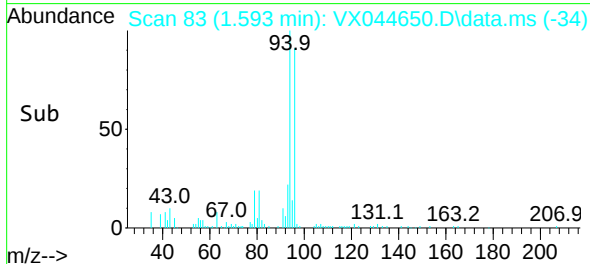
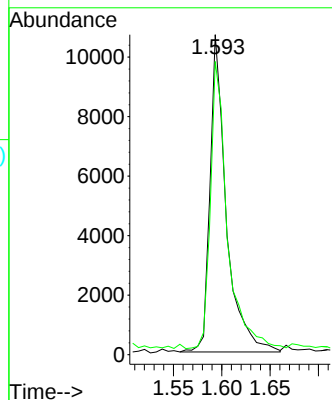
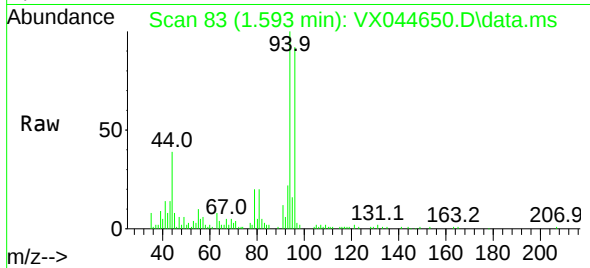




#5
Bromomethane
Concen: 19.333 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

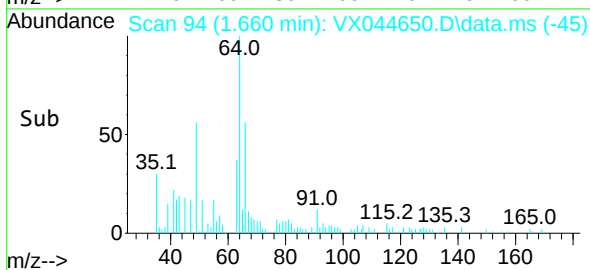
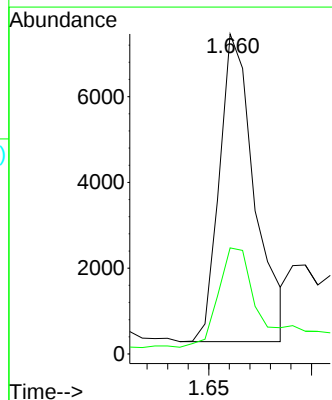
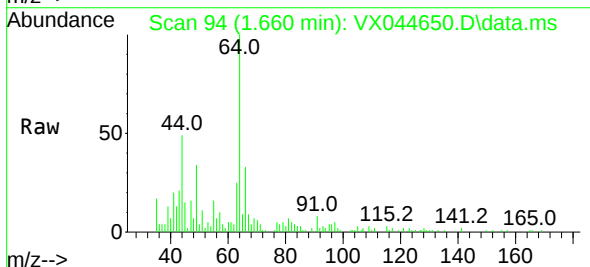
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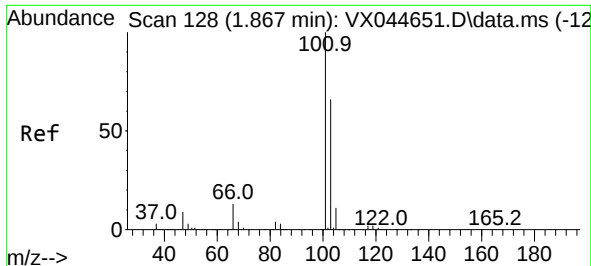
Tgt Ion: 94 Resp: 12588
Ion Ratio Lower Upper
94 100
96 89.5 72.8 109.2



#6
Chloroethane
Concen: 17.150 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 64 Resp: 8576
Ion Ratio Lower Upper
64 100
66 32.3 26.6 39.8

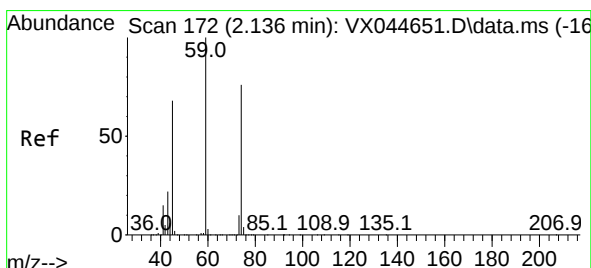
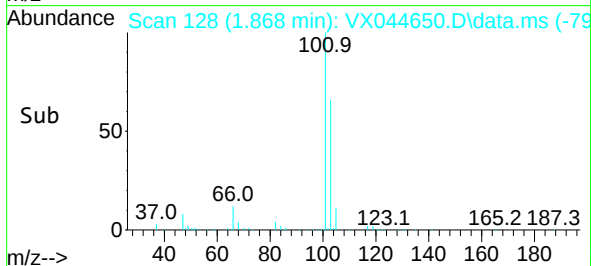
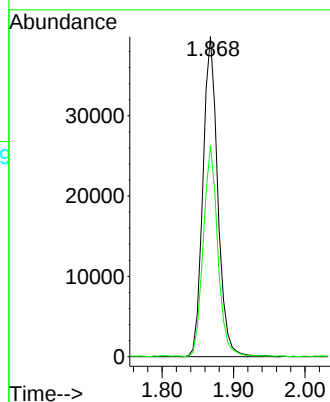
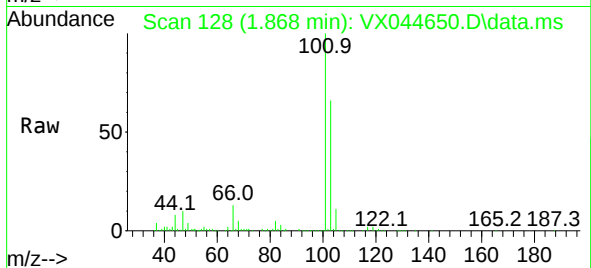




#7
Trichlorofluoromethane
Concen: 19.017 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044650.D
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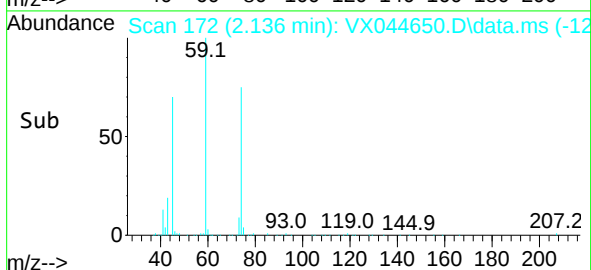
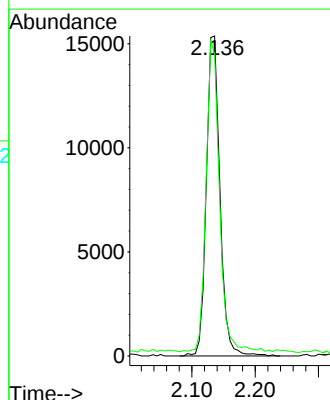
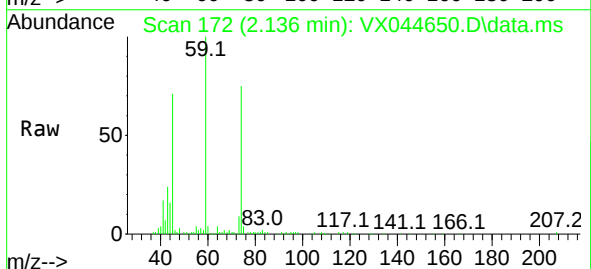
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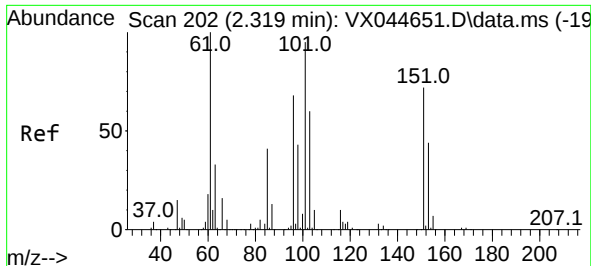
Tgt Ion:101 Resp: 57313
Ion Ratio Lower Upper
101 100
103 65.9 52.5 78.7



#8
Diethyl Ether
Concen: 18.934 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 74 Resp: 23029
Ion Ratio Lower Upper
74 100
45 95.7 47.1 141.3

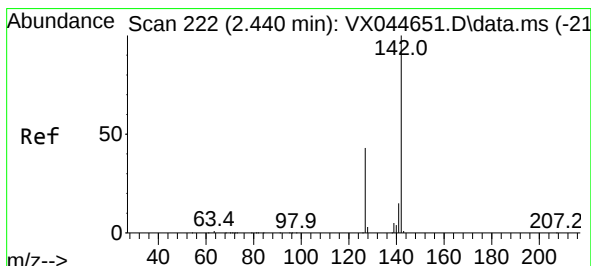
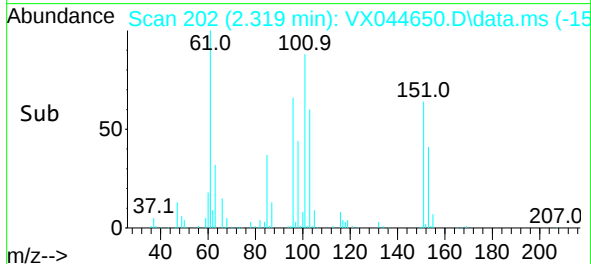
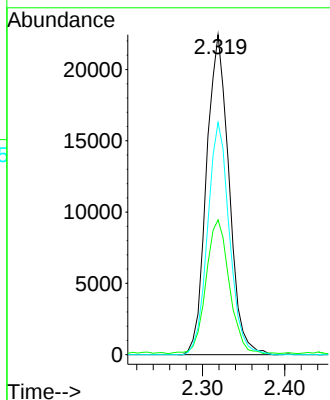
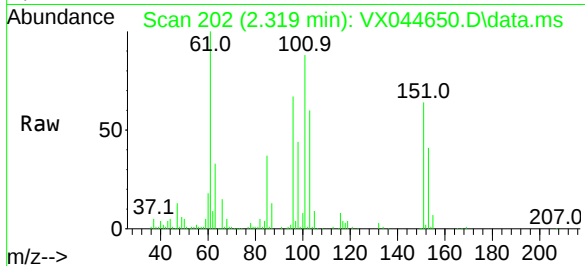




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.807 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX044650.D
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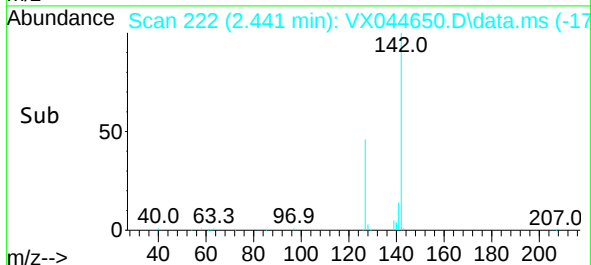
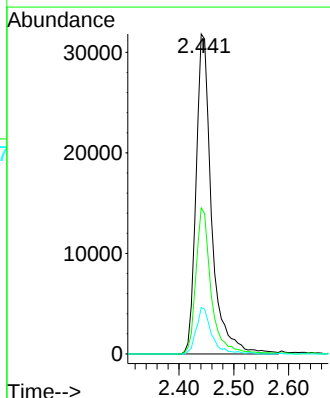
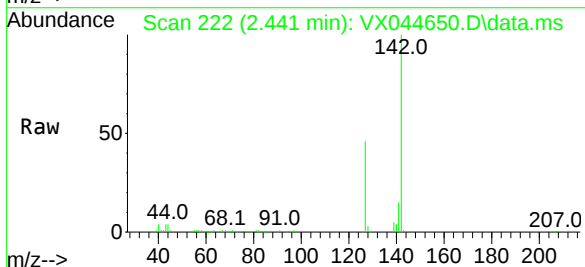
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 ClientSampleId :
 VSTDIC020

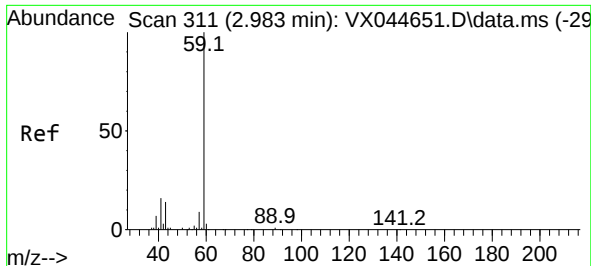
Tgt Ion:101 Resp: 42608
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.3 52.9
 151 70.4 58.2 87.4



#10
 Methyl Iodide
 Concen: 20.401 ug/l
 RT: 2.441 min Scan# 222
 Delta R.T. 0.000 min
 Lab File: VX044650.D
 Acq: 15 Jan 2025 11:40

Tgt Ion:142 Resp: 63102
 Ion Ratio Lower Upper
 142 100
 127 44.6 35.0 52.4
 141 14.2 11.7 17.5

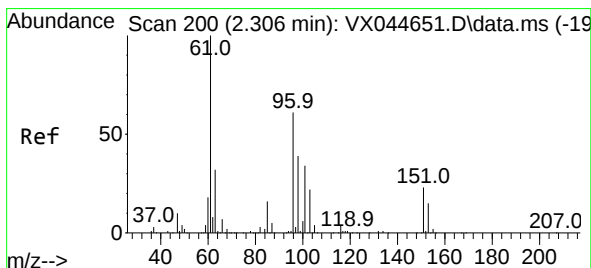
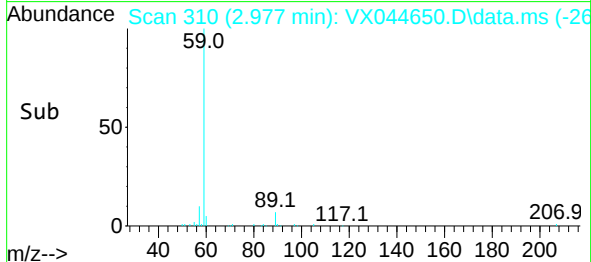
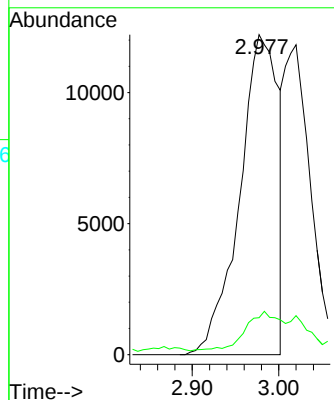
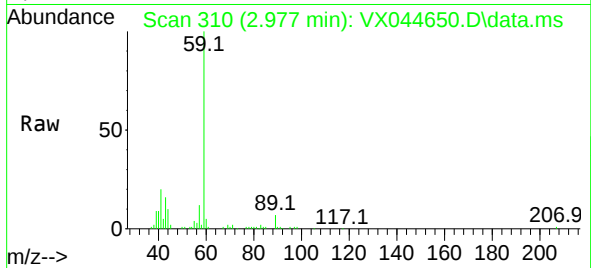




#11
Tert butyl alcohol
Concen: 59.079 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

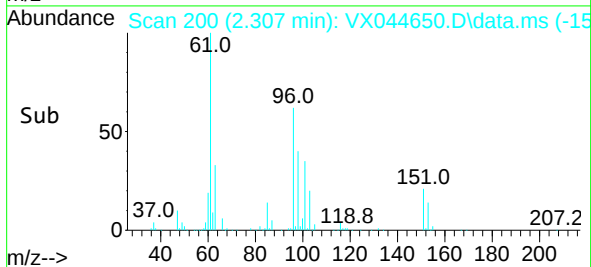
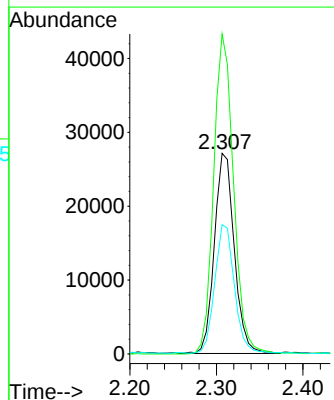
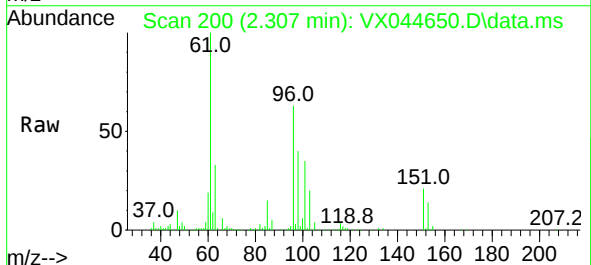
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

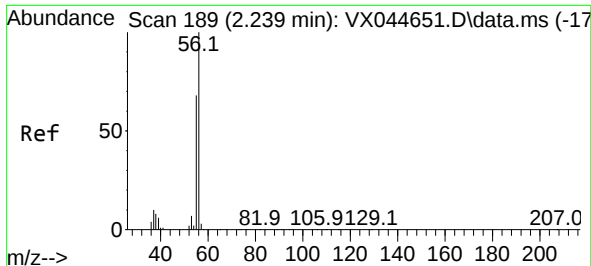
Tgt Ion: 59 Resp: 37704
Ion Ratio Lower Upper
59 100
57 11.4 3.9 5.9#



#12
1,1-Dichloroethene
Concen: 19.547 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 96 Resp: 43408
Ion Ratio Lower Upper
96 100
61 159.8 131.1 196.7
98 63.9 51.2 76.8

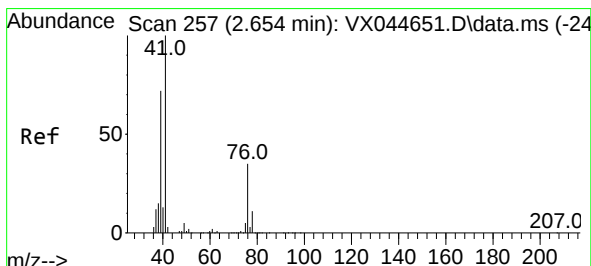
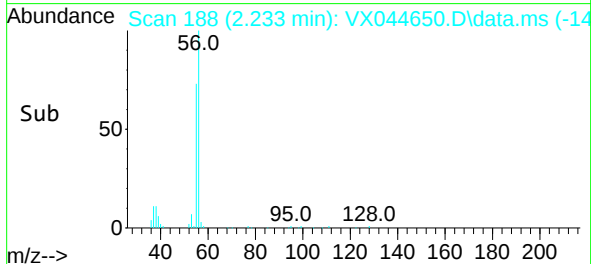
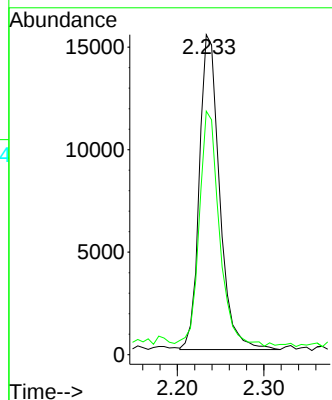
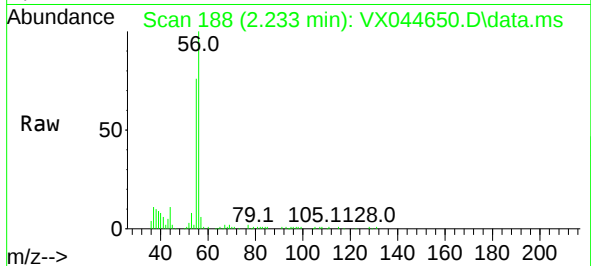




#13
Acrolein
Concen: 82.949 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

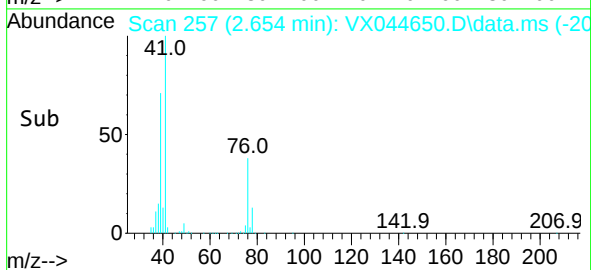
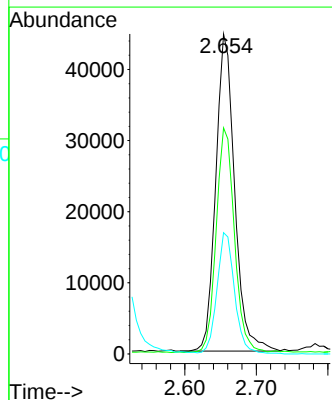
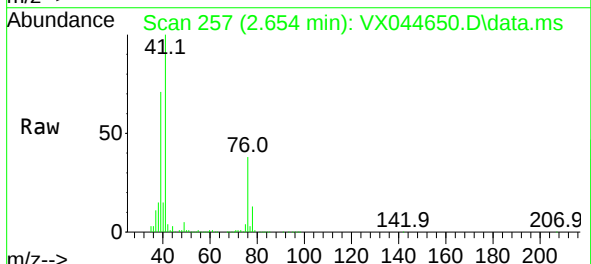
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

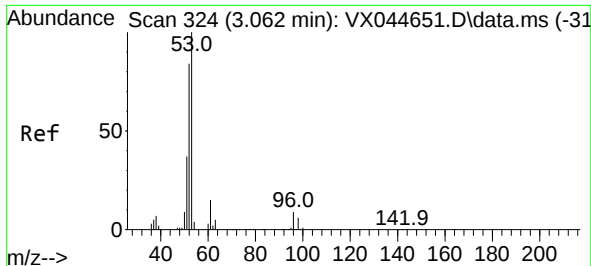
Tgt Ion: 56 Resp: 24912
Ion Ratio Lower Upper
56 100
55 74.5 55.1 82.7



#14
Allyl chloride
Concen: 18.911 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 41 Resp: 81766
Ion Ratio Lower Upper
41 100
39 68.5 54.9 82.3
76 35.8 28.4 42.6

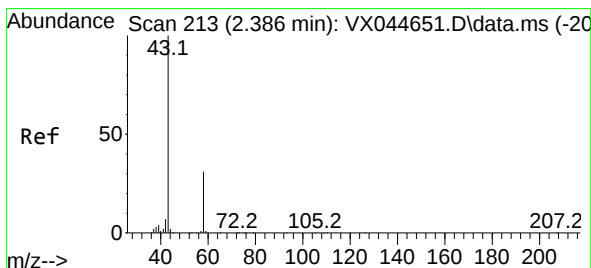
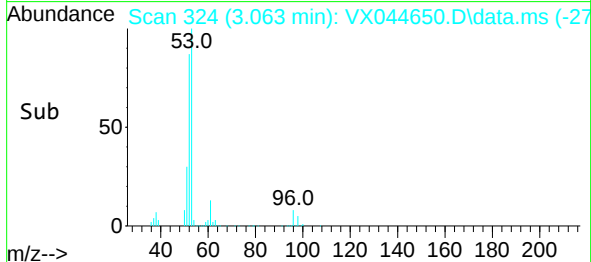
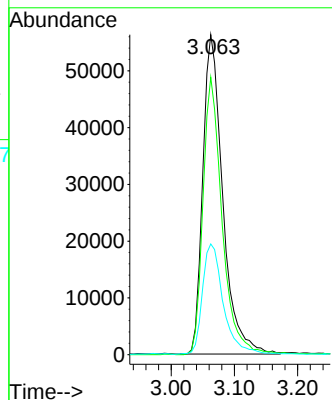
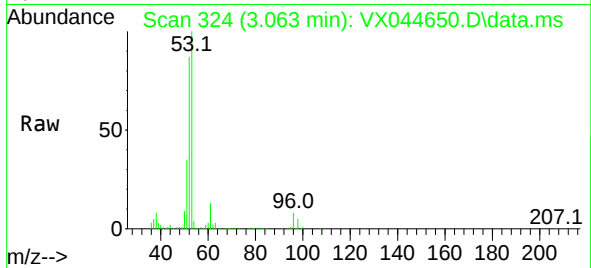




#15
Acrylonitrile
Concen: 98.515 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

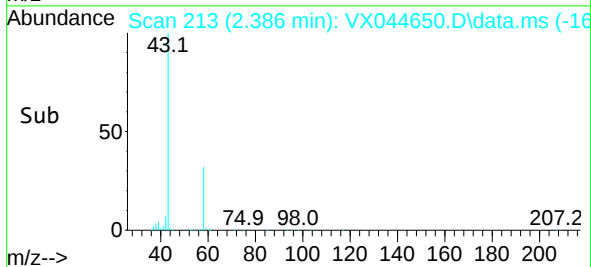
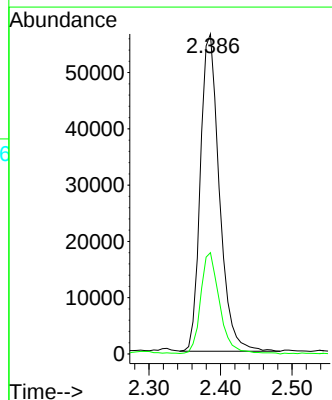
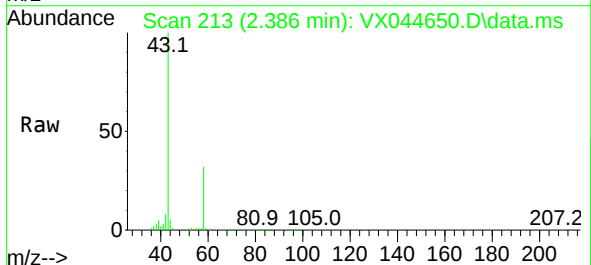
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

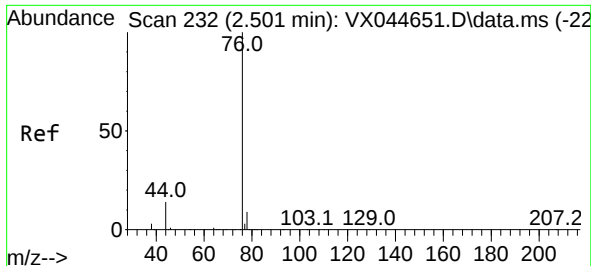
Tgt Ion: 53 Resp: 123315
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.7 28.9 43.3



#16
Acetone
Concen: 91.678 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 43 Resp: 103836
Ion Ratio Lower Upper
43 100
58 31.9 24.6 37.0

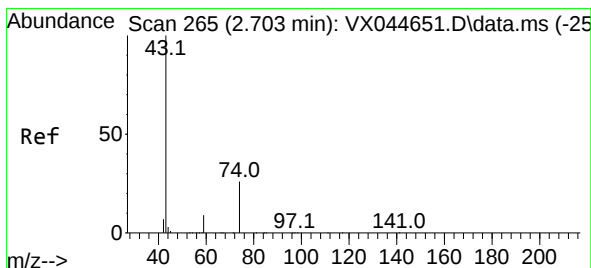
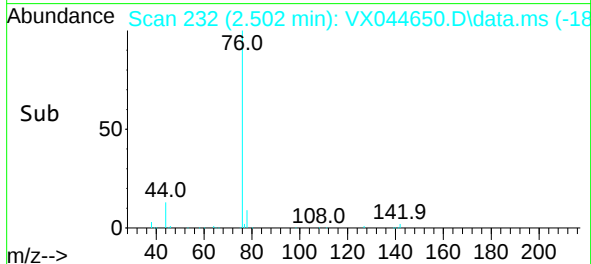
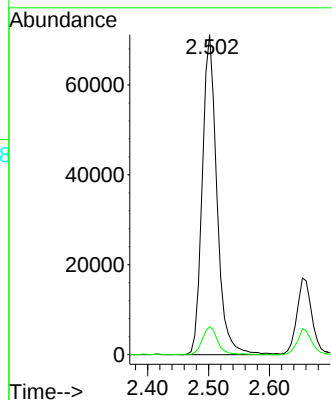
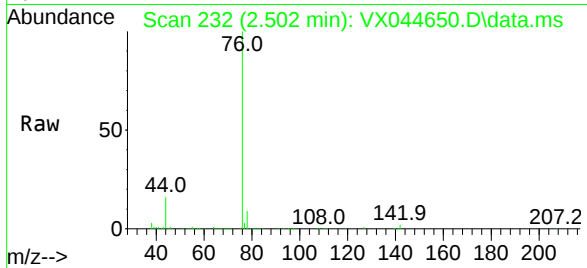




#17
Carbon Disulfide
Concen: 19.662 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

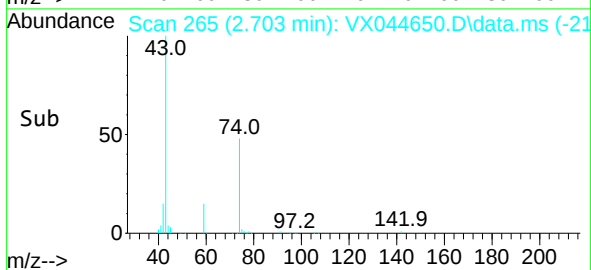
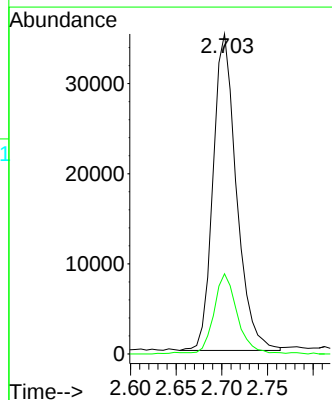
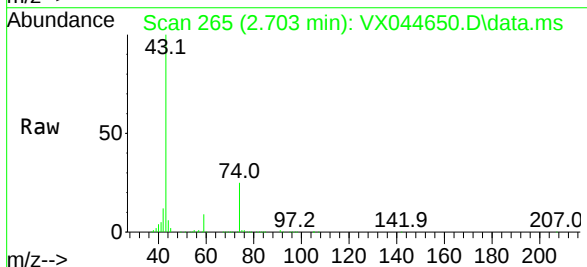
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

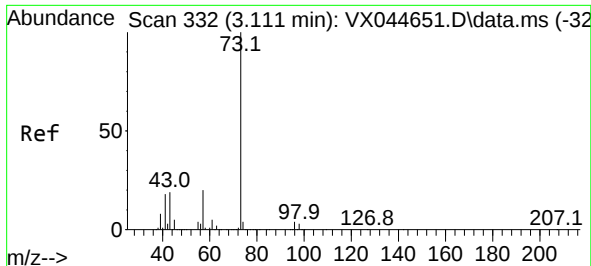
Tgt Ion: 76 Resp: 119145
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 17.939 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 43 Resp: 62684
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8

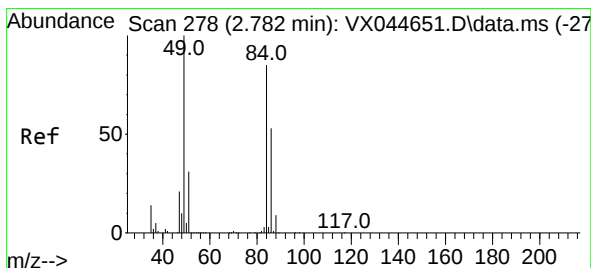
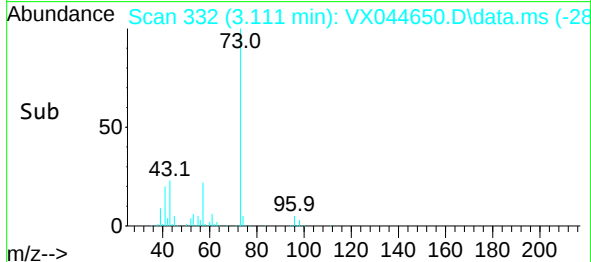
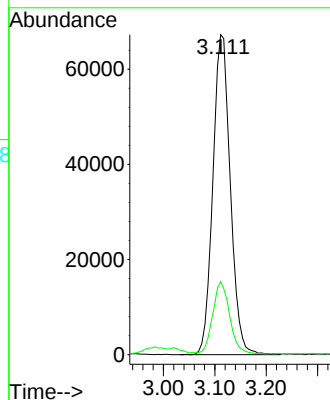
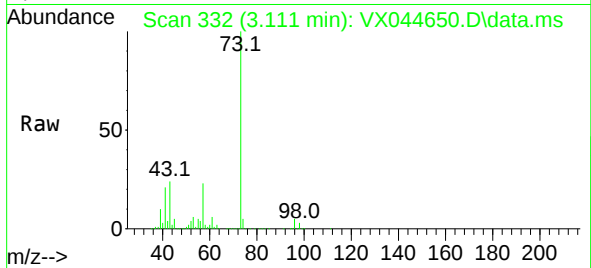




#19
Methyl tert-butyl Ether
Concen: 19.718 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

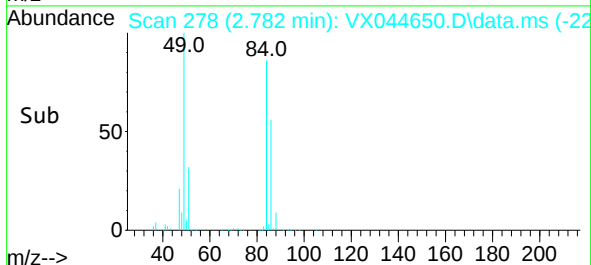
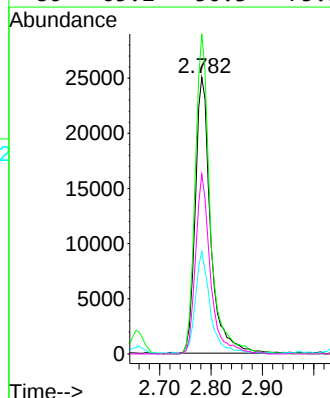
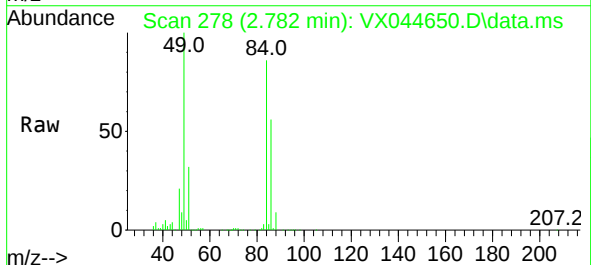
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

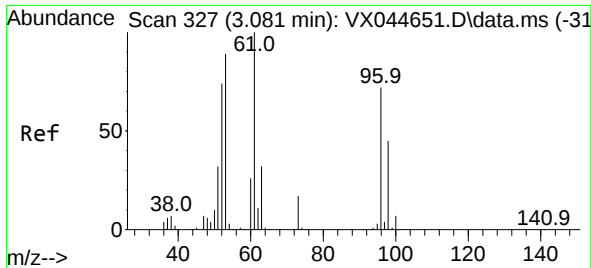
Tgt Ion: 73 Resp: 158601
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 19.623 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 84 Resp: 51758
Ion Ratio Lower Upper
84 100
49 116.0 94.2 141.4
51 37.1 28.8 43.2
86 65.2 50.3 75.5

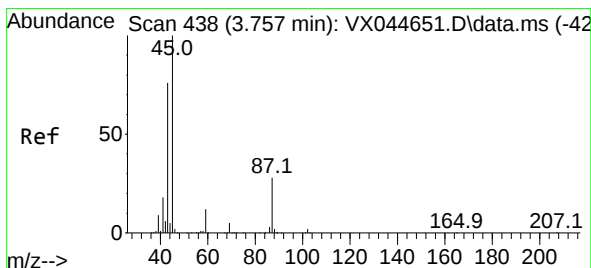
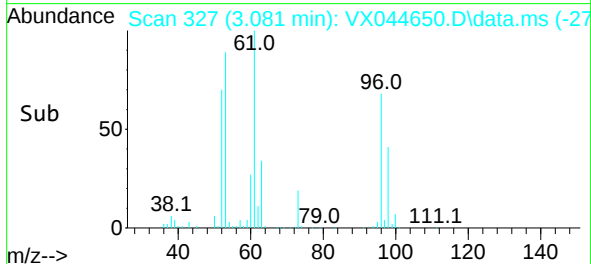
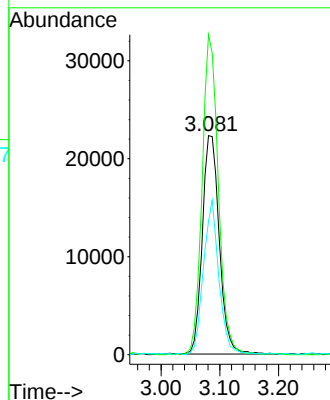
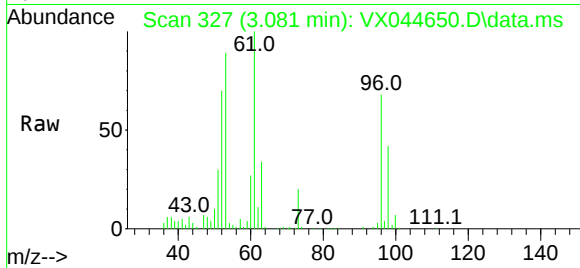




#21
trans-1,2-Dichloroethene
Concen: 19.317 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

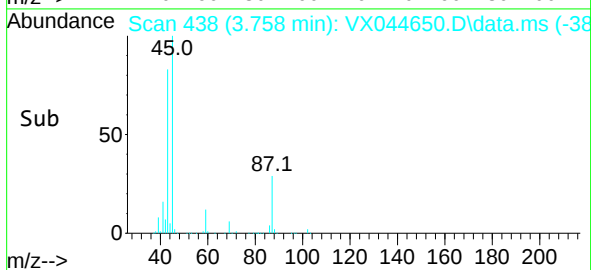
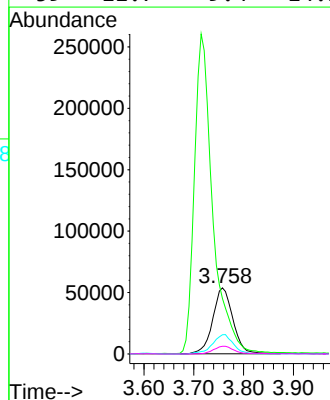
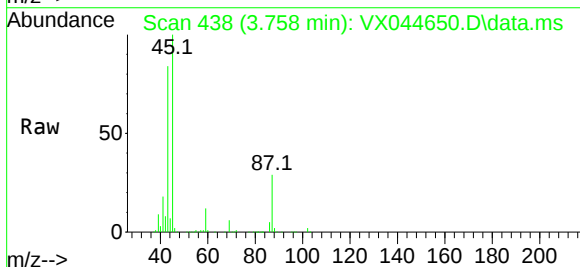
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

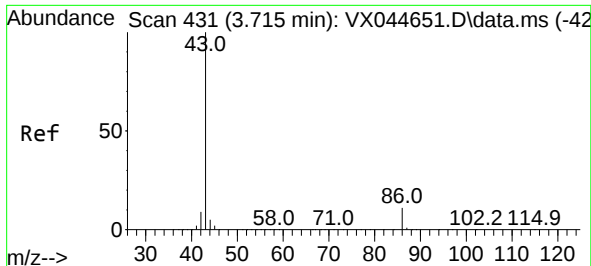
Tgt Ion: 96 Resp: 44786
Ion Ratio Lower Upper
96 100
61 146.2 111.0 166.6
98 61.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.095 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 45 Resp: 151033
Ion Ratio Lower Upper
45 100
43 83.3 61.0 91.6
87 29.1 22.7 34.1
59 11.7 9.4 14.2

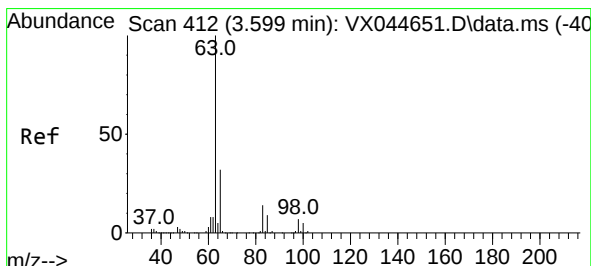
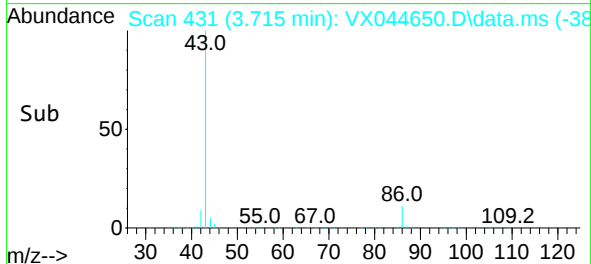
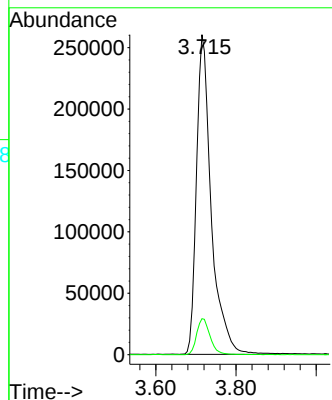
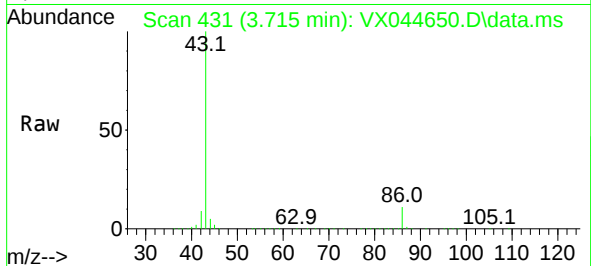




#23
 Vinyl Acetate
 Concen: 101.337 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044650.D
 Acq: 15 Jan 2025 11:40

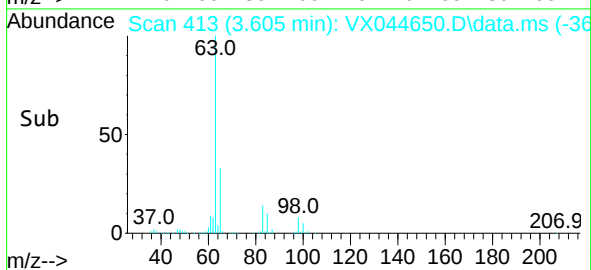
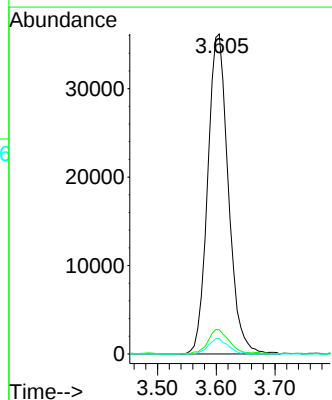
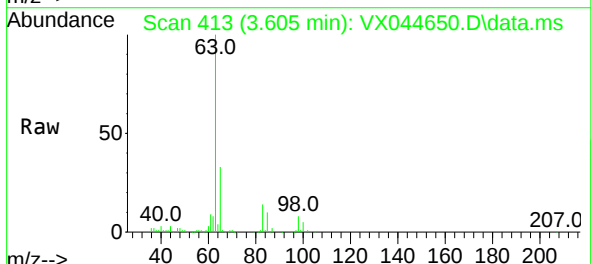
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

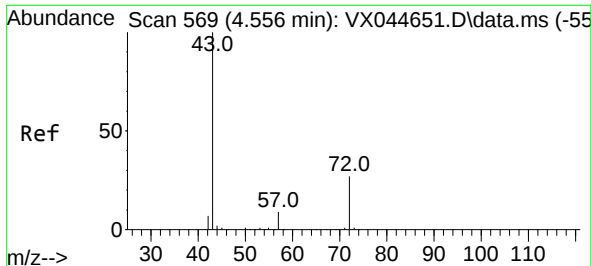
Tgt Ion: 43 Resp: 666641
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.758 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044650.D
 Acq: 15 Jan 2025 11:40

Tgt Ion: 63 Resp: 88060
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.5 7.5

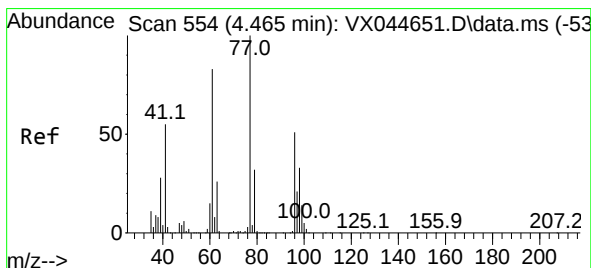
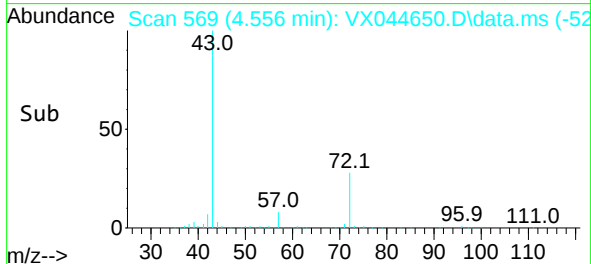
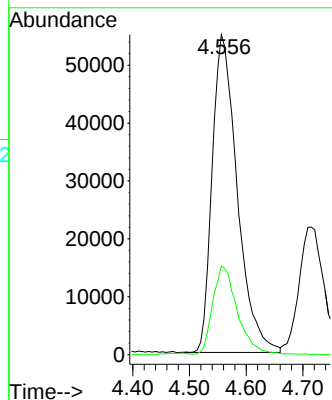
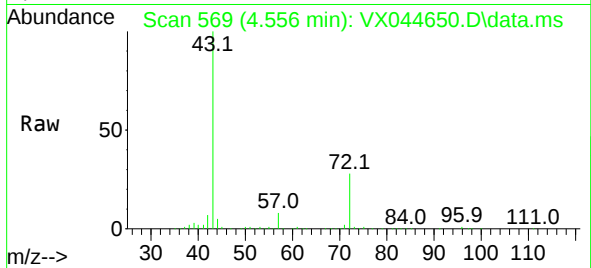




#25
2-Butanone
Concen: 99.946 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

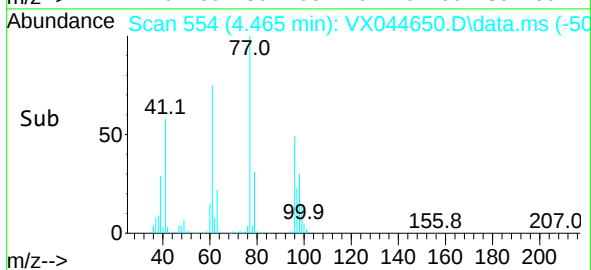
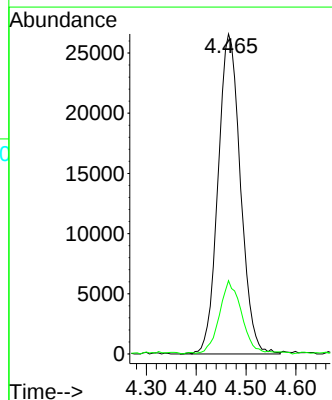
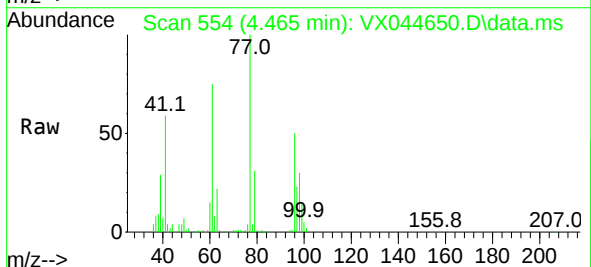
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

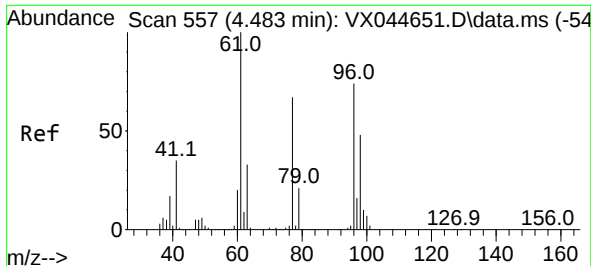
Tgt Ion: 43 Resp: 168309
Ion Ratio Lower Upper
43 100
72 27.5 21.7 32.5



#26
2,2-Dichloropropane
Concen: 19.209 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 77 Resp: 82977
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.406 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

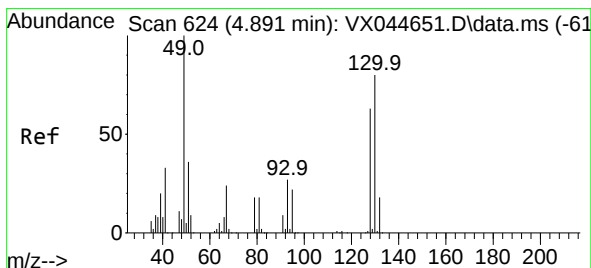
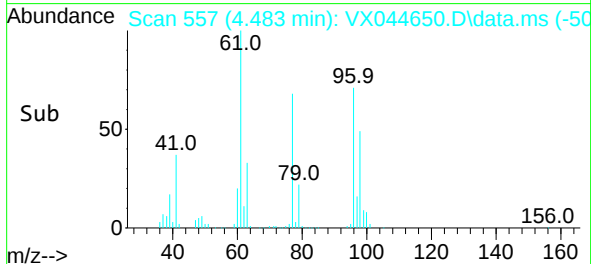
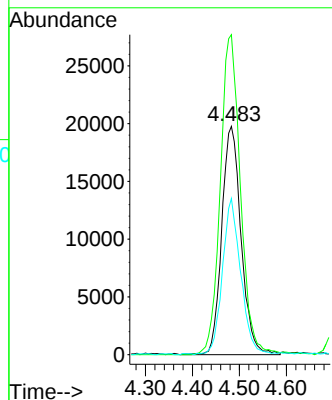
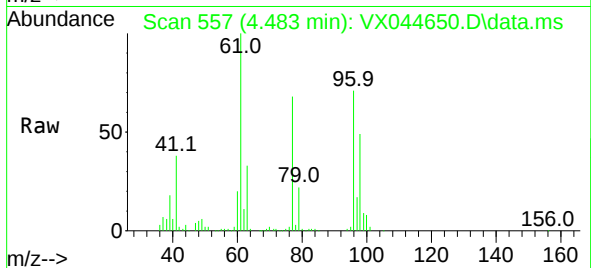
Tgt Ion: 96 Resp: 56594

Ion Ratio Lower Upper

96 100

61 145.5 0.0 296.0

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 18.978 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

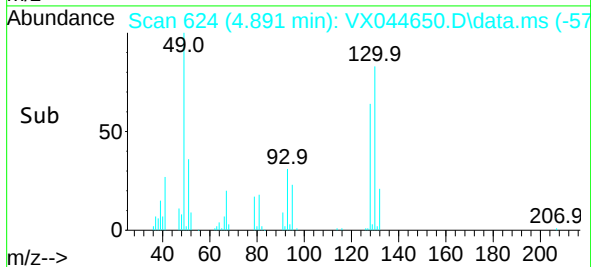
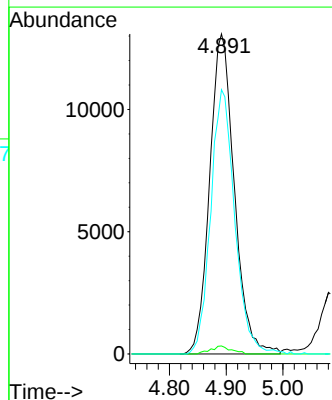
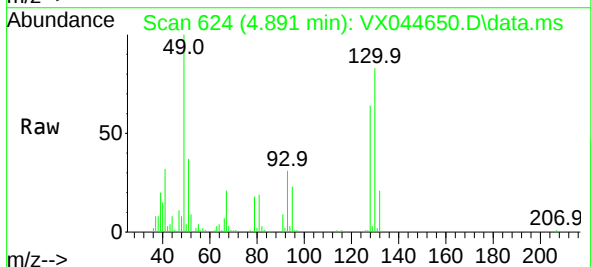
Tgt Ion: 49 Resp: 39526

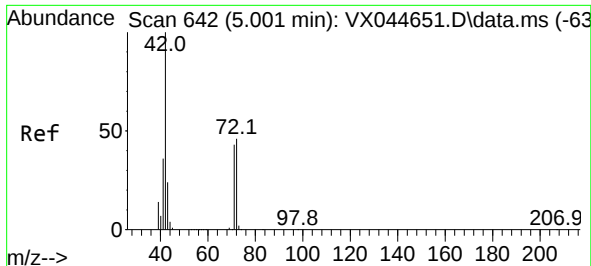
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 80.8 63.4 95.2





#29

Tetrahydrofuran

Concen: 97.807 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

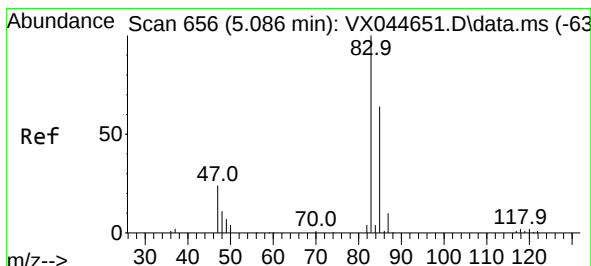
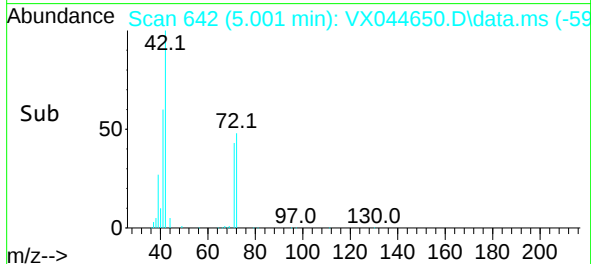
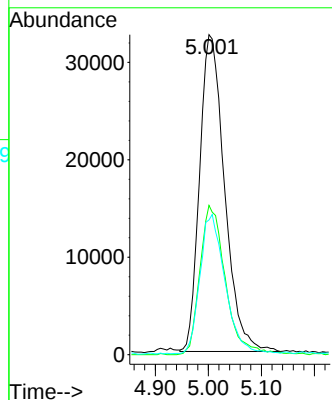
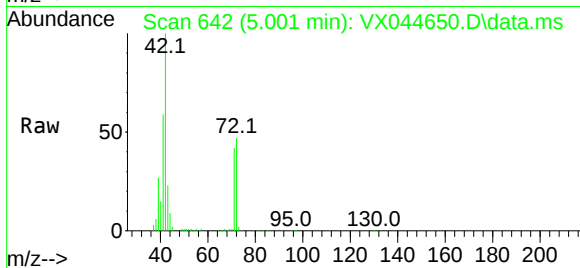
Tgt Ion: 42 Resp: 106241

Ion Ratio Lower Upper

42 100

72 48.2 38.2 57.4

71 44.0 35.3 52.9



#30

Chloroform

Concen: 19.985 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044650.D

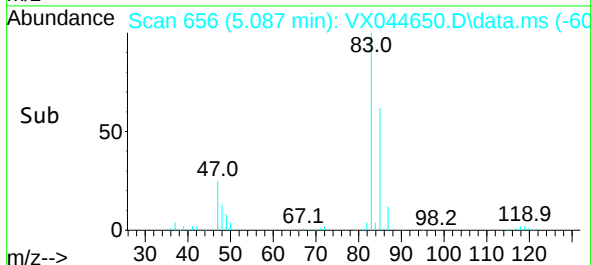
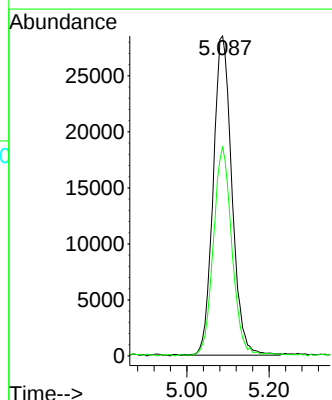
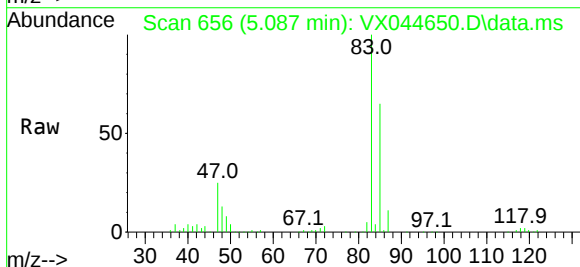
Acq: 15 Jan 2025 11:40

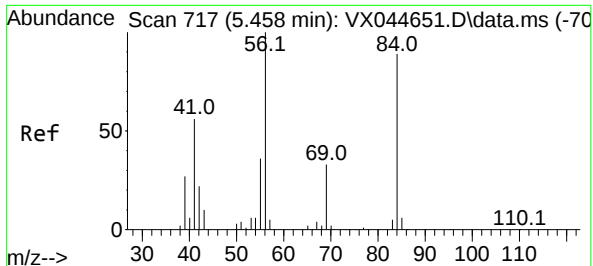
Tgt Ion: 83 Resp: 89891

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

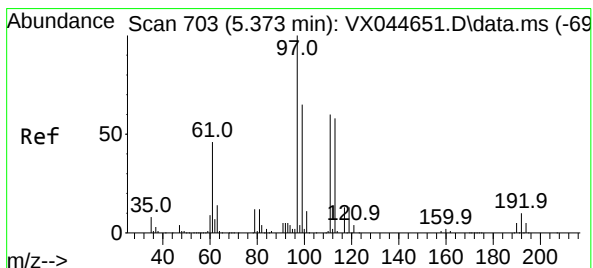
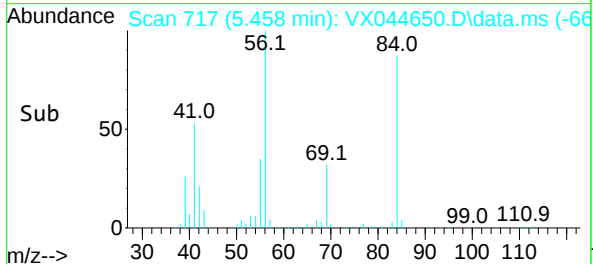
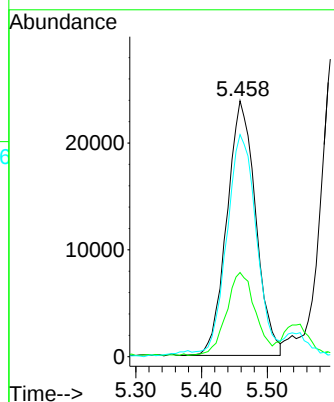
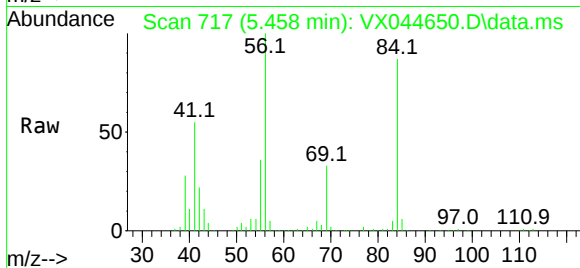




#31
Cyclohexane
Concen: 20.120 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

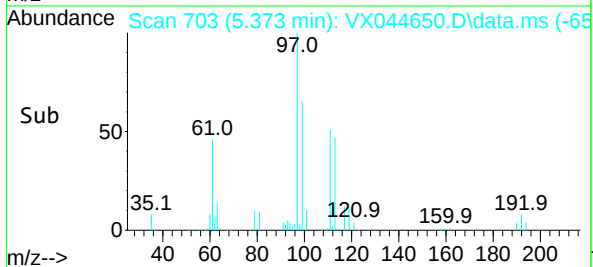
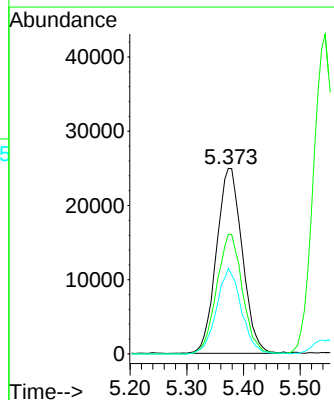
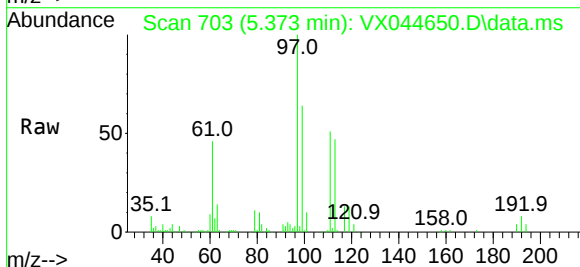
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

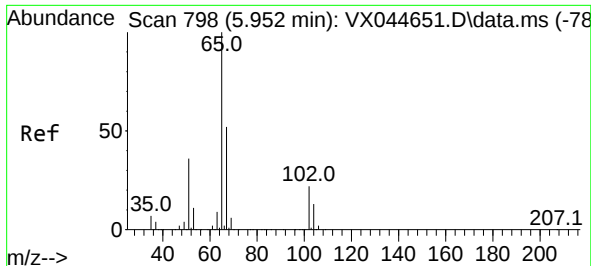
Tgt Ion:	56	Resp:	72527
Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.8	40.2
84	85.4	71.0	106.4



#32
1,1,1-Trichloroethane
Concen: 19.019 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:	97	Resp:	78644
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	44.6	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 18.311 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

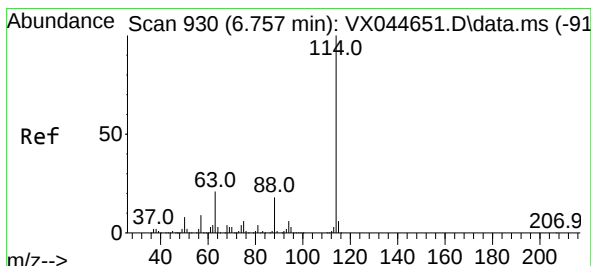
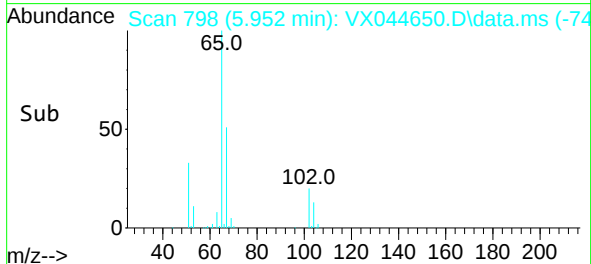
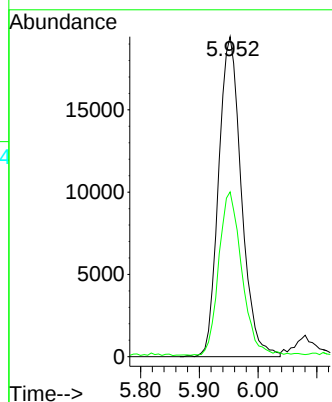
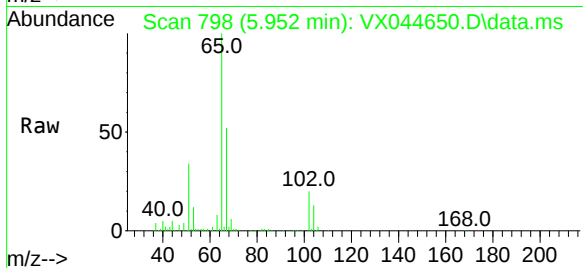
VSTDICC020

Tgt Ion: 65 Resp: 52421

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

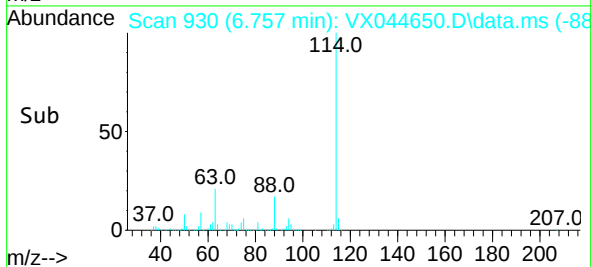
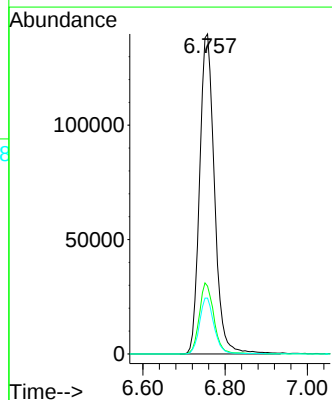
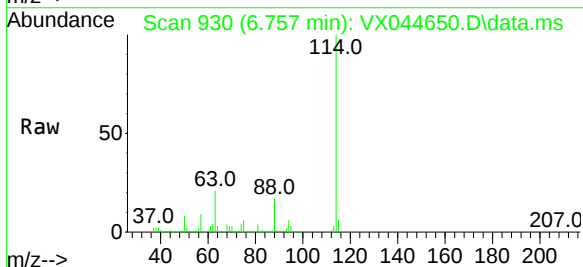
Tgt Ion: 114 Resp: 351528

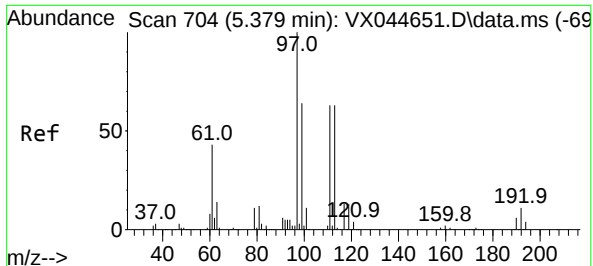
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 17.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 18.173 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

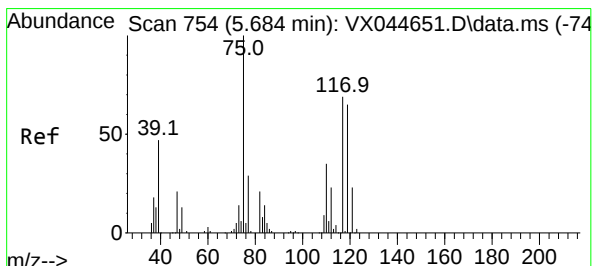
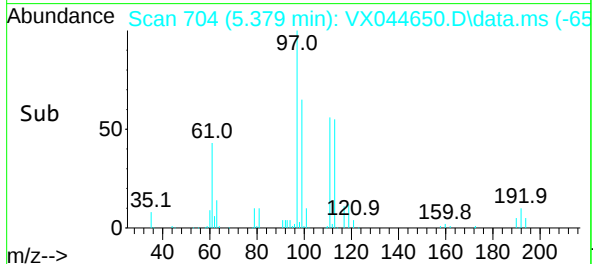
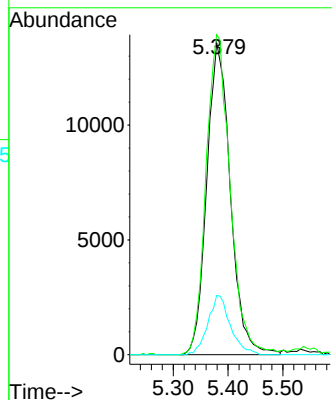
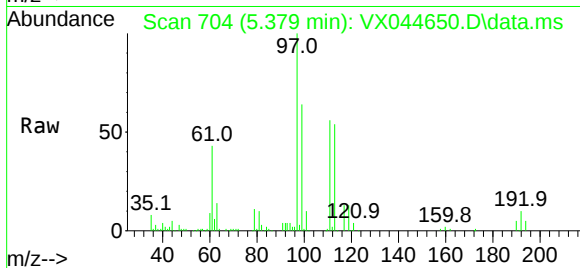
Tgt Ion:113 Resp: 40585

Ion Ratio Lower Upper

113 100

111 104.7 81.6 122.4

192 18.0 14.4 21.6



#36

1,1-Dichloropropene

Concen: 19.076 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

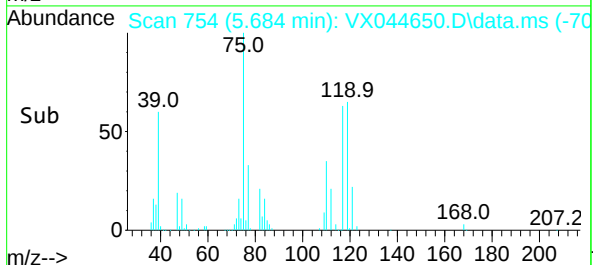
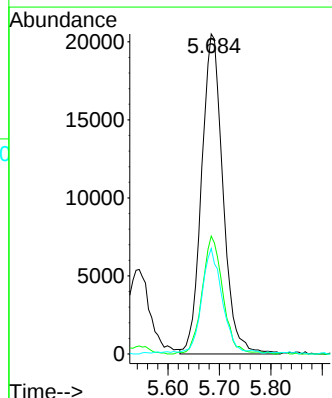
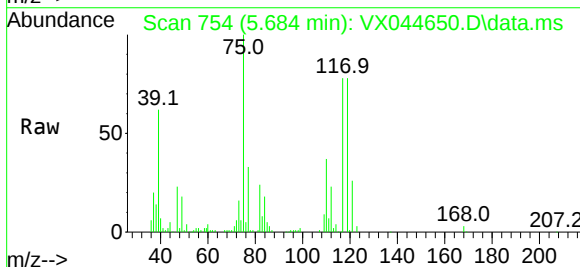
Tgt Ion: 75 Resp: 59303

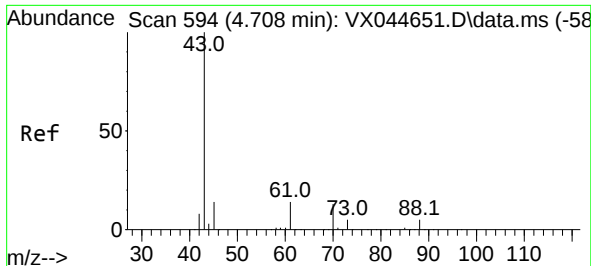
Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.8

77 29.8 24.5 36.7

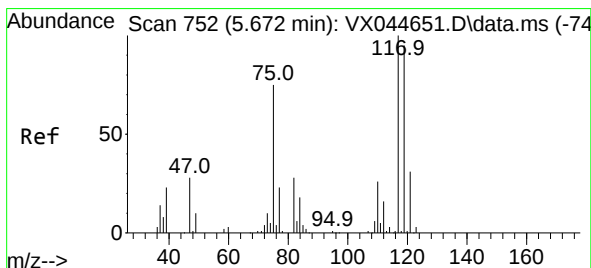
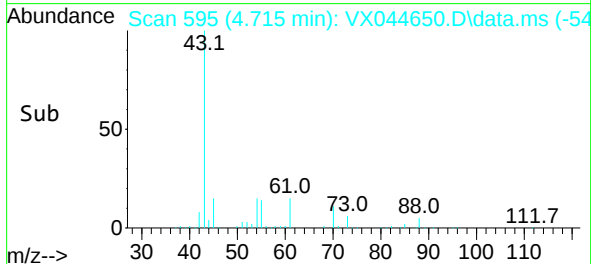
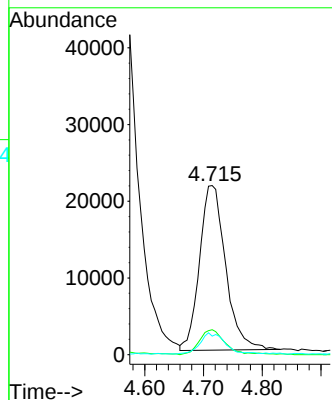
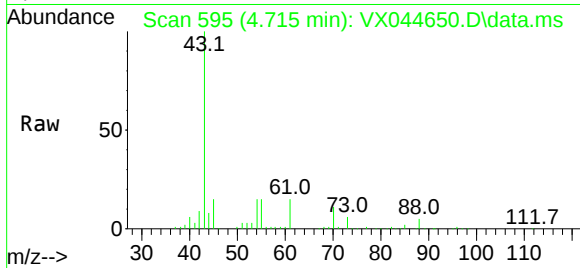




#37
Ethyl Acetate
Concen: 20.034 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

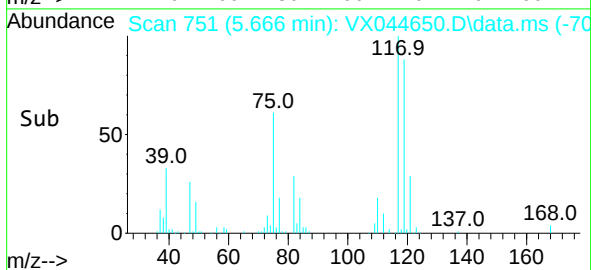
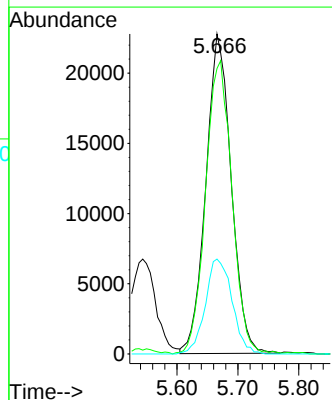
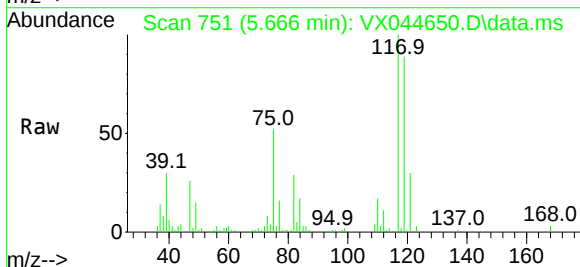
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

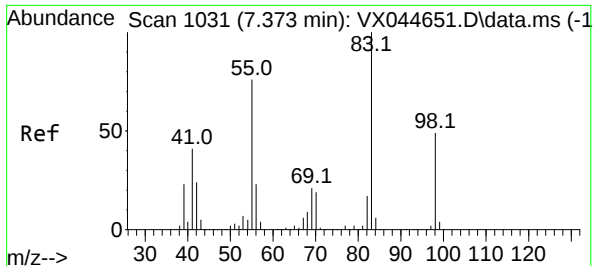
Tgt Ion: 43 Resp: 66324
Ion Ratio Lower Upper
43 100
61 15.0 10.9 16.3
70 12.0 10.1 15.1



#38
Carbon Tetrachloride
Concen: 18.829 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 117 Resp: 65838
Ion Ratio Lower Upper
117 100
119 89.1 76.0 114.0
121 29.7 24.6 36.8





#39

Methylcyclohexane

Concen: 18.961 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

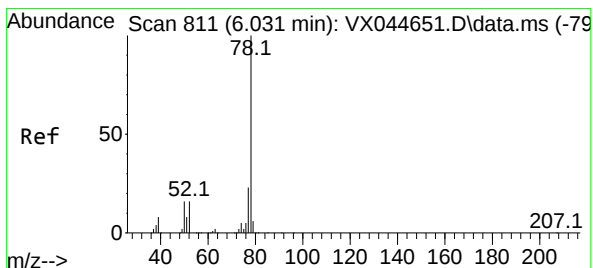
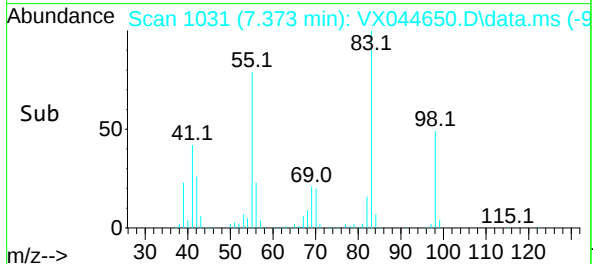
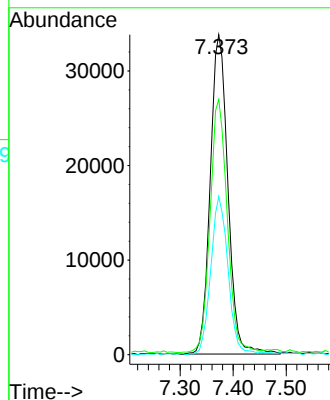
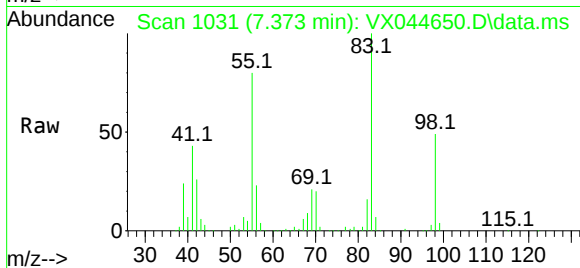
Tgt Ion: 83 Resp: 78248

Ion Ratio Lower Upper

83 100

55 79.3 60.5 90.7

98 49.2 39.0 58.4



#40

Benzene

Concen: 19.911 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044650.D

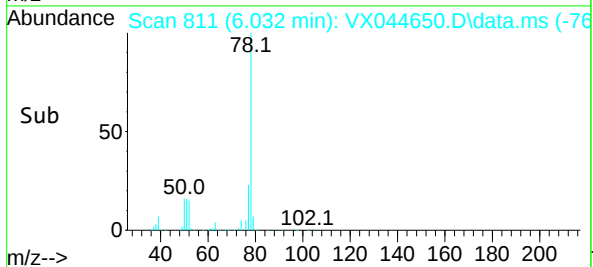
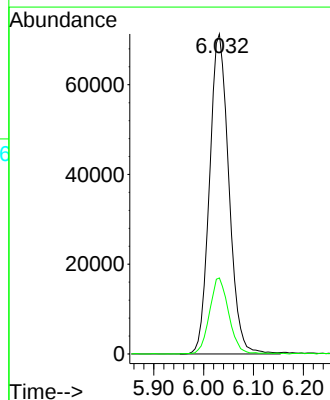
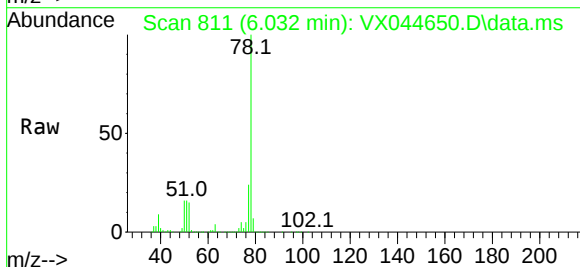
Acq: 15 Jan 2025 11:40

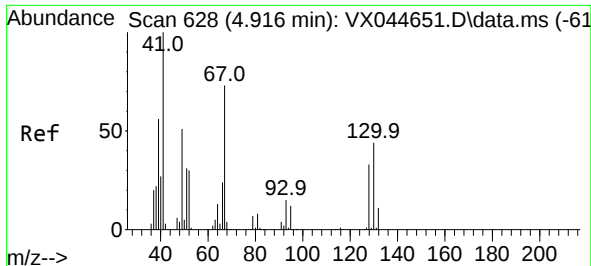
Tgt Ion: 78 Resp: 191801

Ion Ratio Lower Upper

78 100

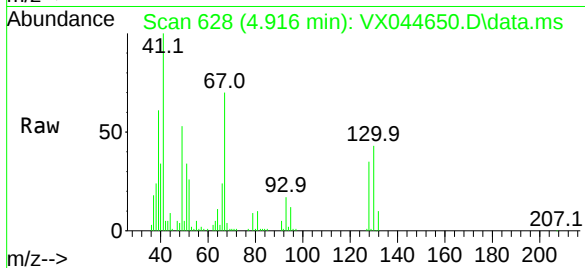
77 23.7 18.7 28.1



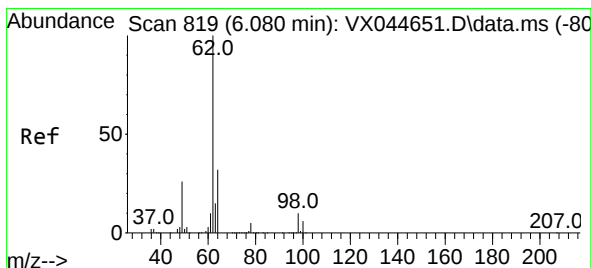
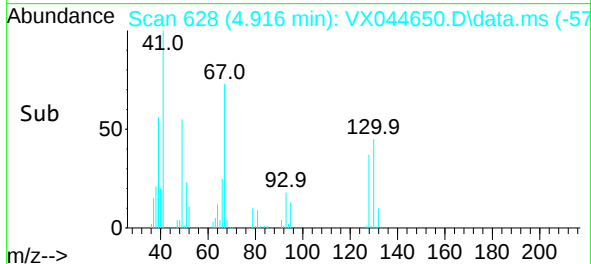
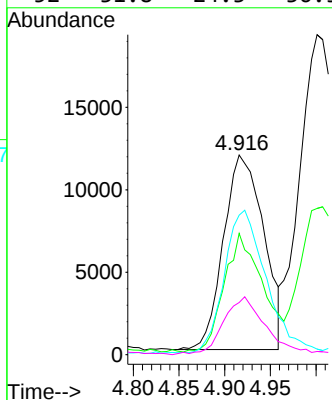


#41
Methacrylonitrile
Concen: 18.755 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

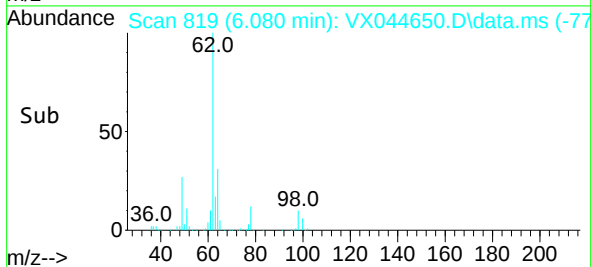
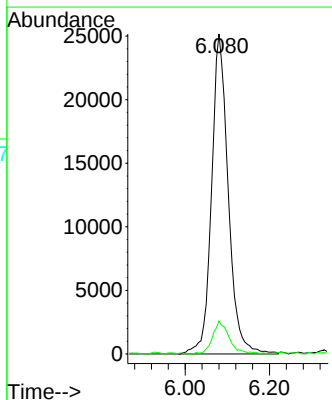
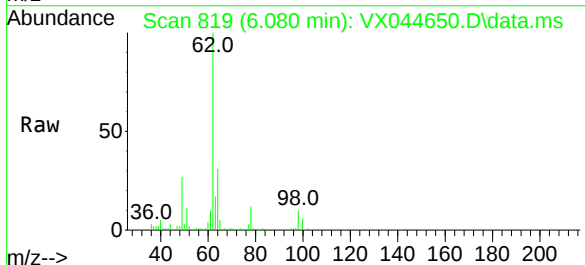


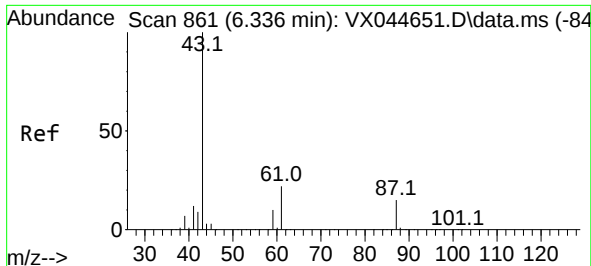
Tgt Ion:	41	Resp:	36180
Ion	Ratio	Lower	Upper
41	100		
39	58.8	44.4	66.6
67	75.9	60.6	90.8
52	31.8	24.3	36.5



#42
1,2-Dichloroethane
Concen: 19.635 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:	62	Resp:	69034
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4

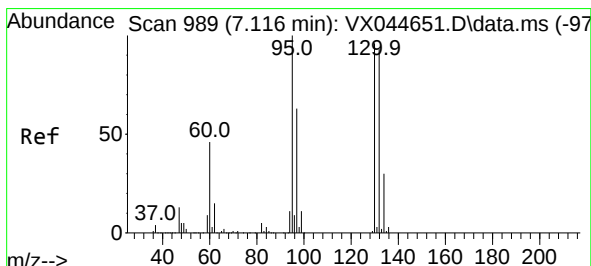
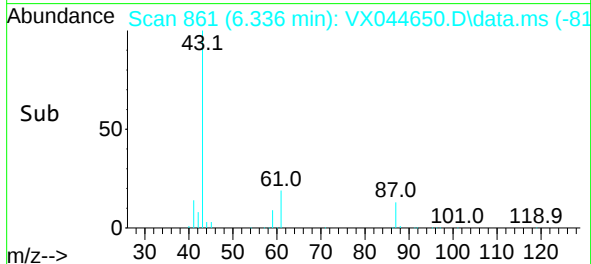
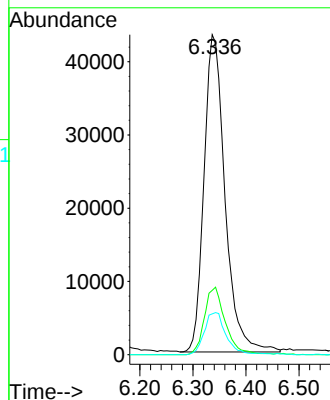
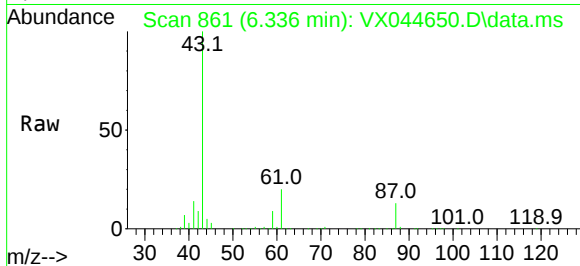




#43
Isopropyl Acetate
Concen: 19.633 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

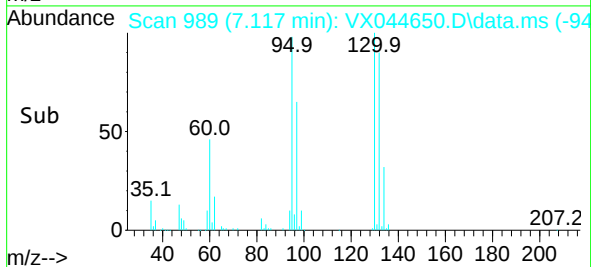
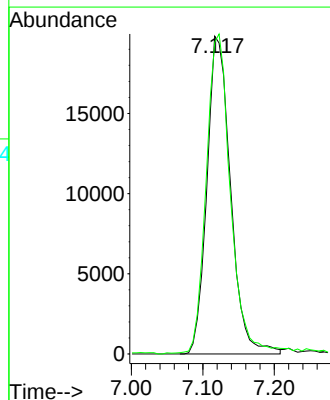
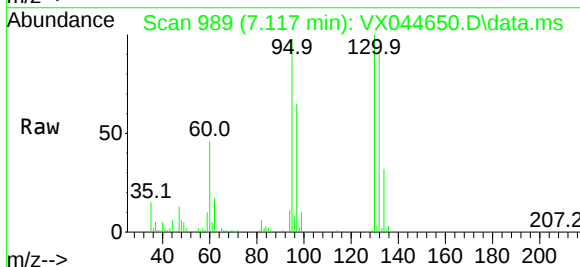
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

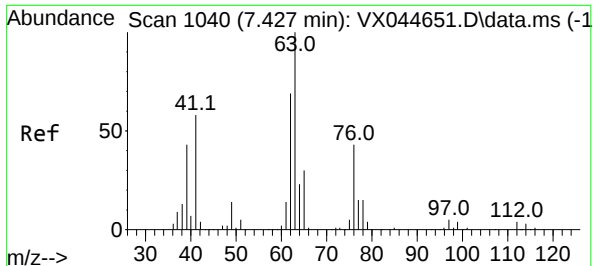
Tgt Ion: 43 Resp: 119568
Ion Ratio Lower Upper
43 100
61 21.1 16.6 24.8
87 13.5 11.0 16.6



#44
Trichloroethene
Concen: 19.689 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:130 Resp: 45597
Ion Ratio Lower Upper
130 100
95 97.7 0.0 208.2





#45

1,2-Dichloropropane

Concen: 19.429 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

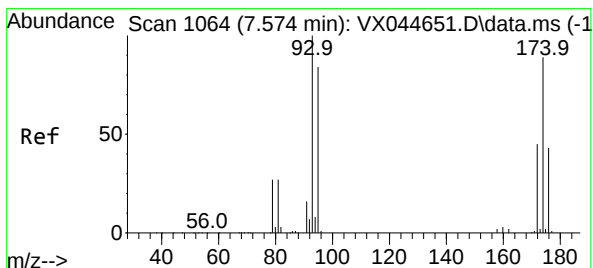
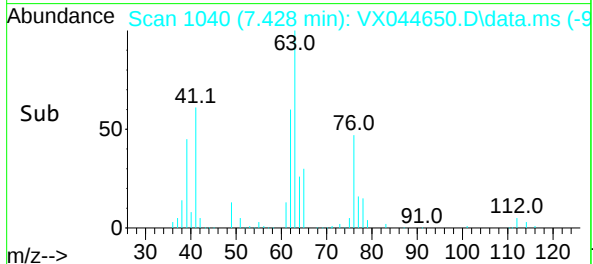
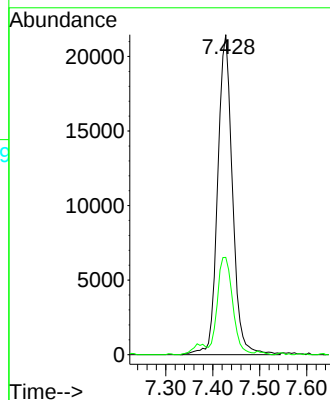
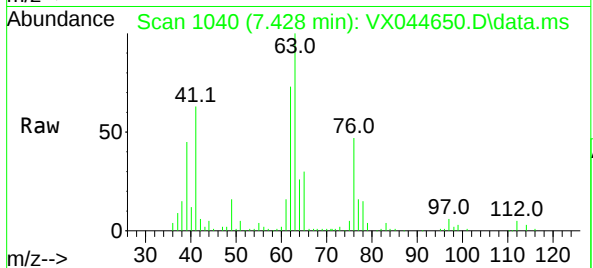
VSTDICC020

Tgt Ion: 63 Resp: 47111

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



#46

Dibromomethane

Concen: 18.991 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

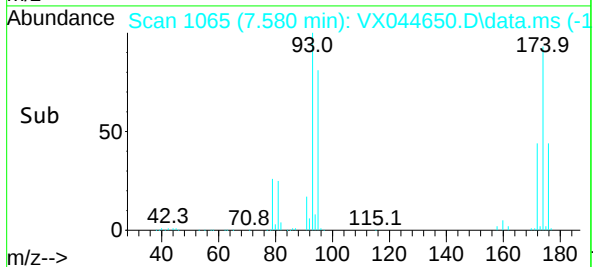
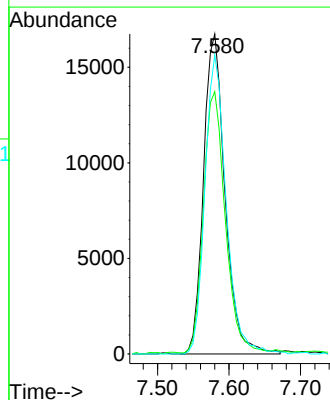
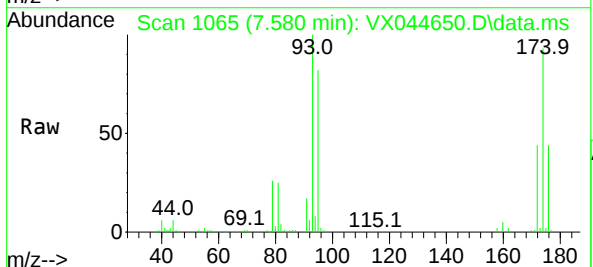
Tgt Ion: 93 Resp: 35056

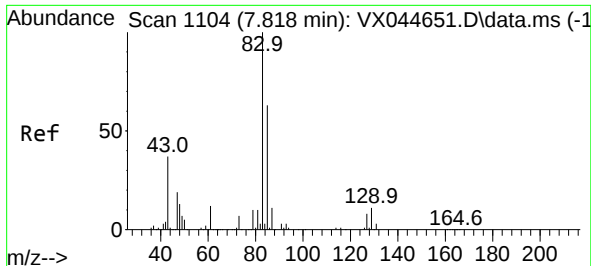
Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 92.1 72.0 108.0

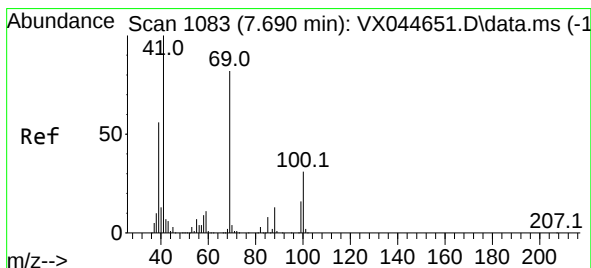
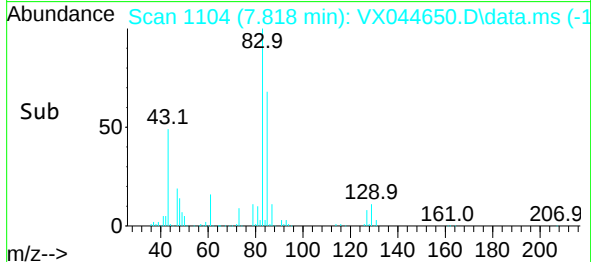
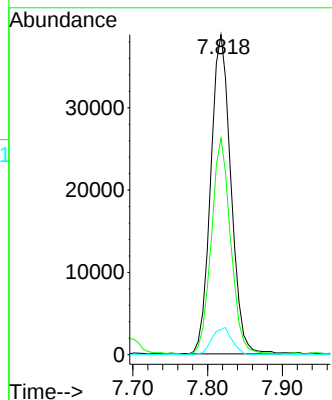
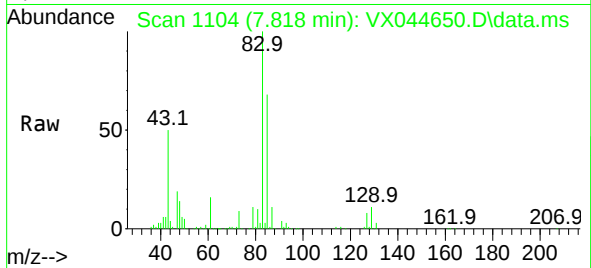




#47
 Bromodichloromethane
 Concen: 19.241 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX044650.D
 Acq: 15 Jan 2025 11:40

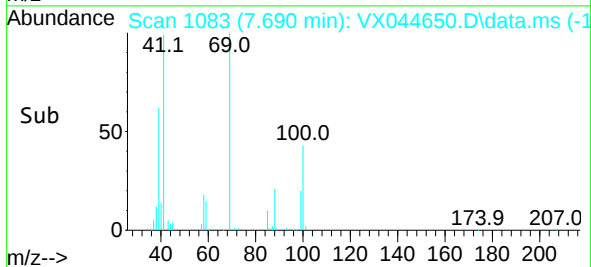
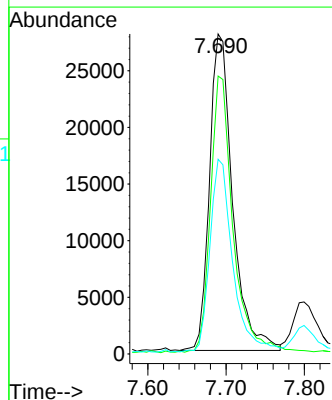
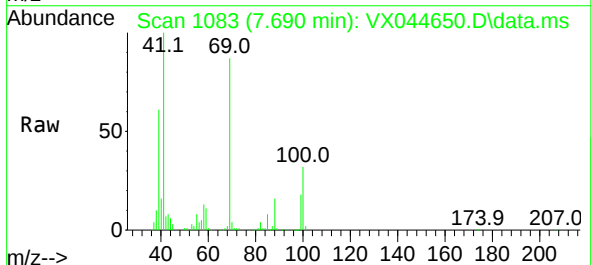
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

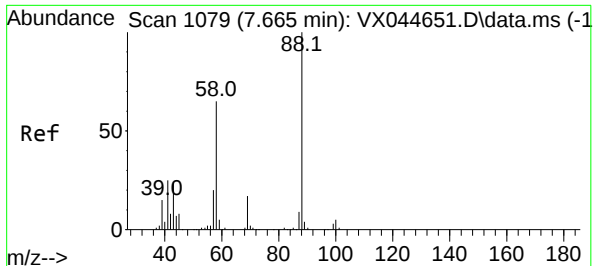
Tgt Ion: 83 Resp: 72837
 Ion Ratio Lower Upper
 83 100
 85 67.6 50.1 75.1
 127 7.9 6.5 9.7



#48
 Methyl methacrylate
 Concen: 20.310 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX044650.D
 Acq: 15 Jan 2025 11:40

Tgt Ion: 41 Resp: 57413
 Ion Ratio Lower Upper
 41 100
 69 84.9 66.8 100.2
 39 60.0 47.4 71.0





#49

1,4-Dioxane

Concen: 397.311 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

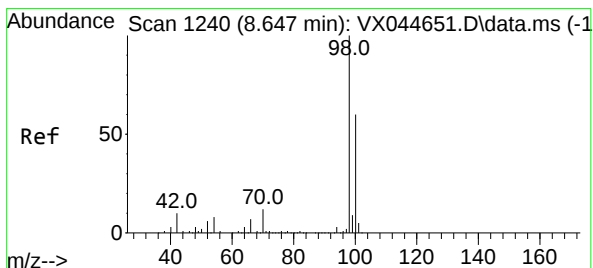
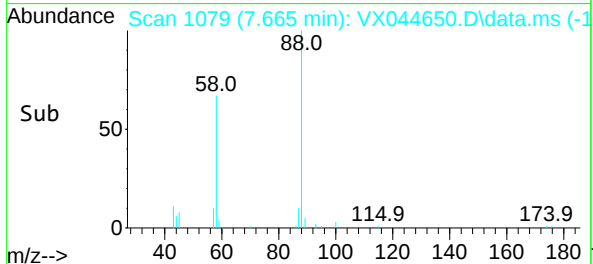
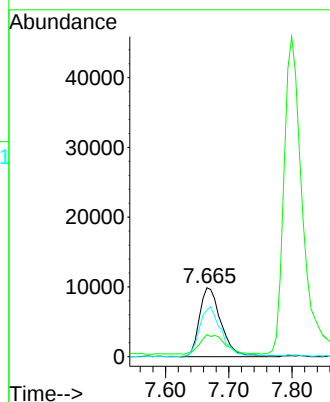
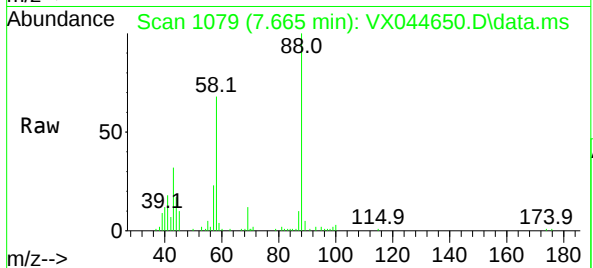
Tgt Ion: 88 Resp: 23433

Ion Ratio Lower Upper

88 100

43 32.8 27.0 40.4

58 72.7 55.8 83.8



#50

Toluene-d8

Concen: 18.987 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044650.D

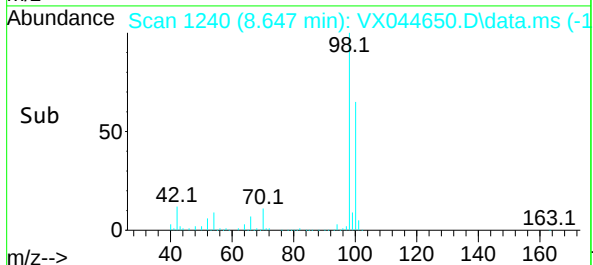
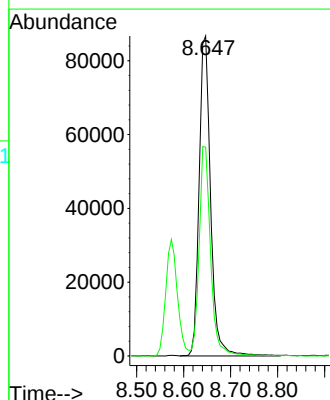
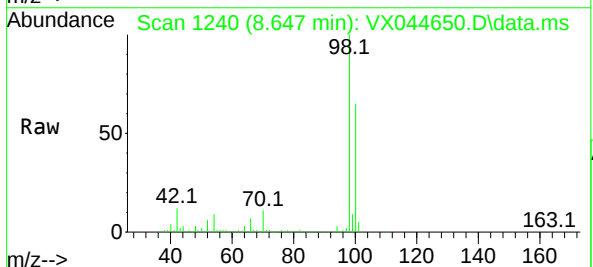
Acq: 15 Jan 2025 11:40

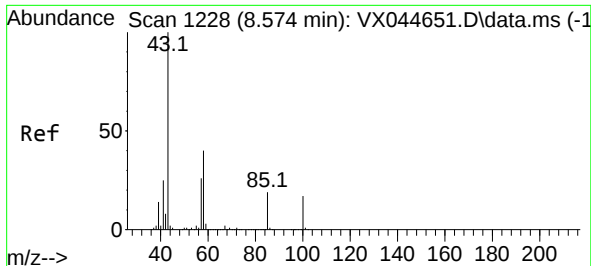
Tgt Ion: 98 Resp: 147843

Ion Ratio Lower Upper

98 100

100 65.5 53.2 79.8

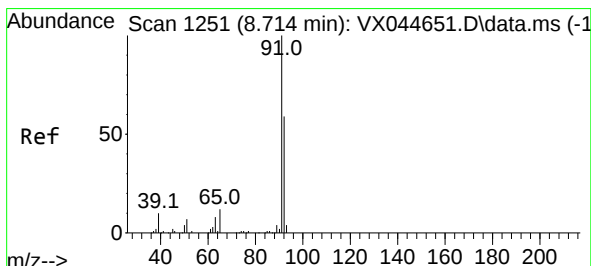
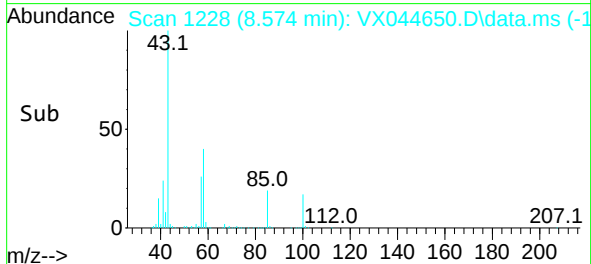
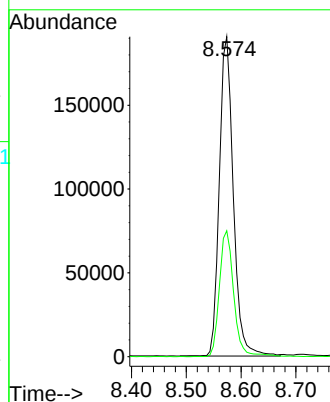
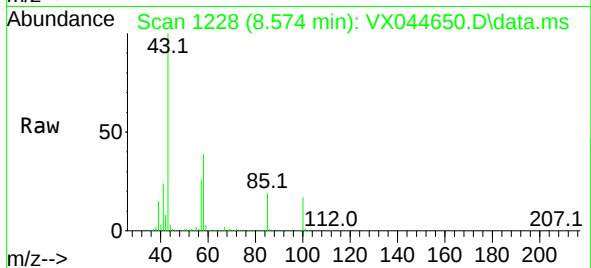




#51
4-Methyl-2-Pentanone
Concen: 100.520 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

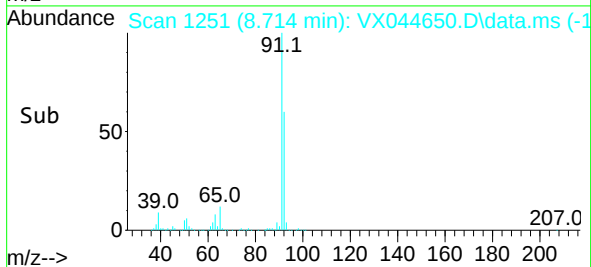
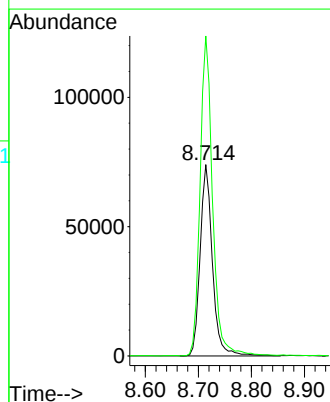
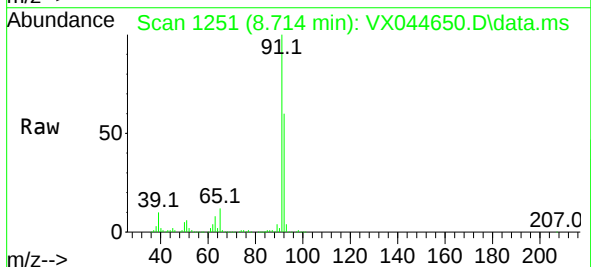
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

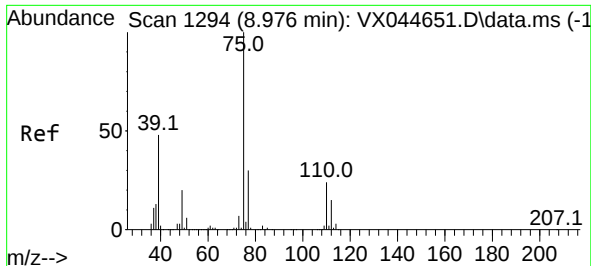
Tgt Ion: 43 Resp: 338304
Ion Ratio Lower Upper
43 100
58 40.4 31.9 47.9



#52
Toluene
Concen: 20.253 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 92 Resp: 119410
Ion Ratio Lower Upper
92 100
91 170.2 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 20.266 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

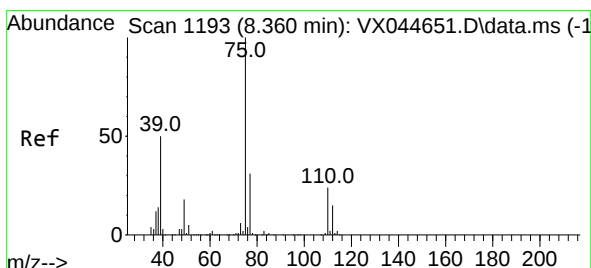
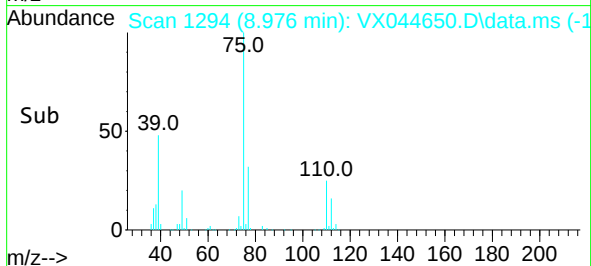
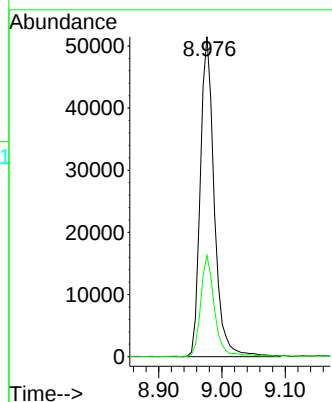
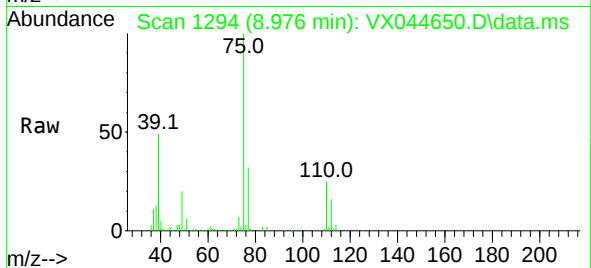
VSTDICC020

Tgt Ion: 75 Resp: 79260

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 20.008 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

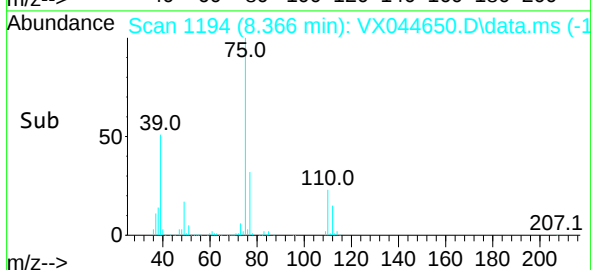
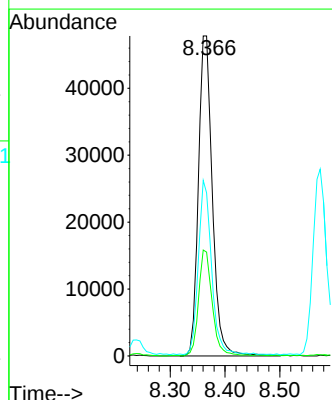
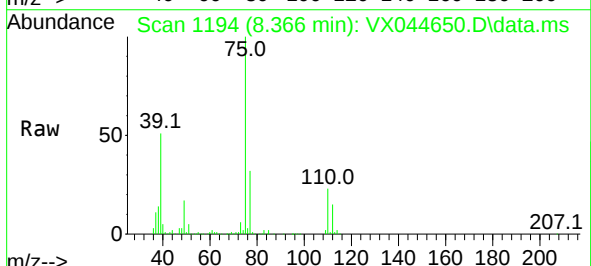
Tgt Ion: 75 Resp: 84851

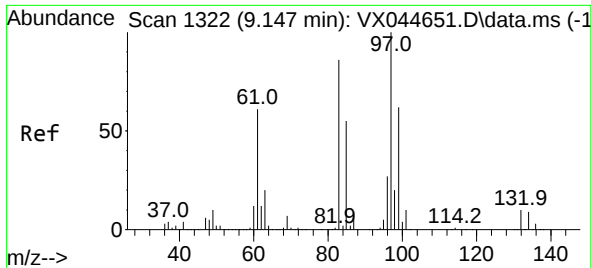
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 50.6 40.3 60.5

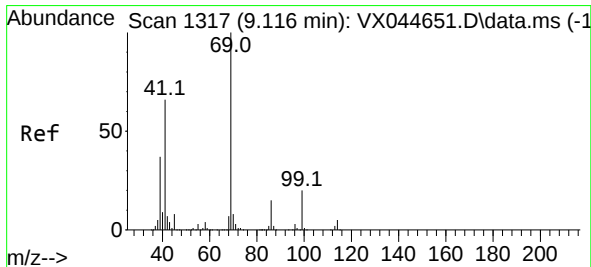
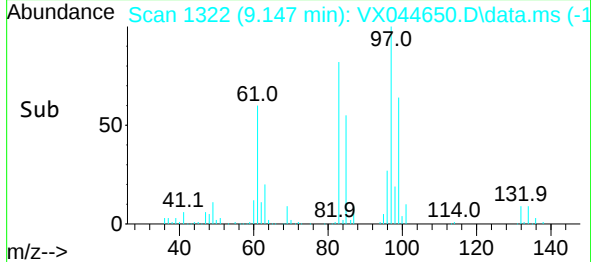
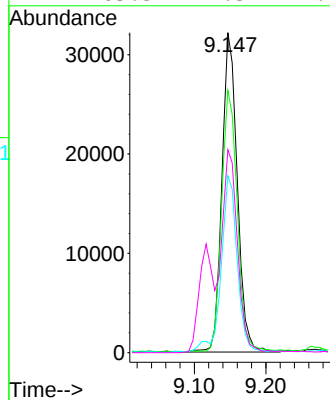
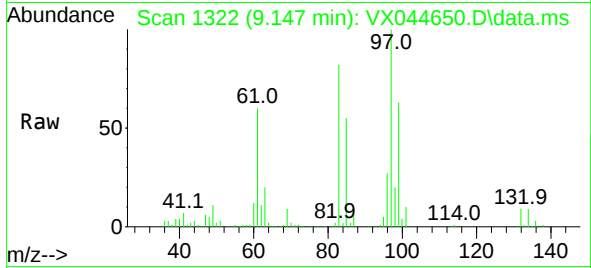




#55
1,1,2-Trichloroethane
Concen: 20.093 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

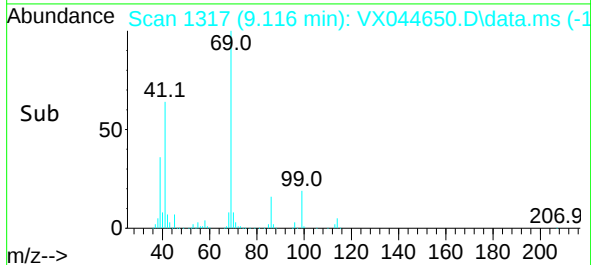
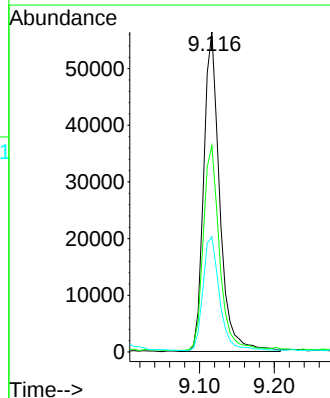
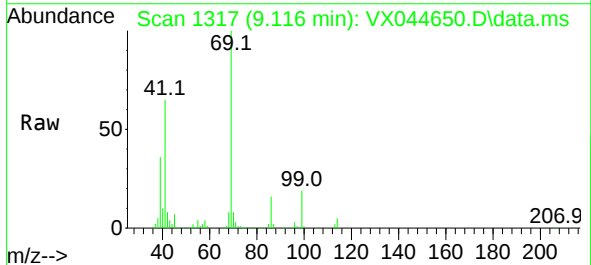
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

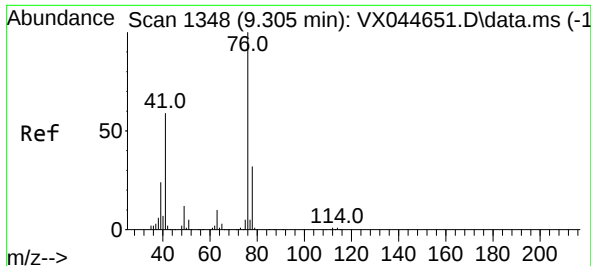
Tgt Ion: 97	Resp: 47930
Ion Ratio	Lower Upper
97 100	
83 81.9	68.8 103.2
85 55.0	43.7 65.5
99 63.5	49.5 74.3



#56
Ethyl methacrylate
Concen: 20.496 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 69	Resp: 84067
Ion Ratio	Lower Upper
69 100	
41 65.2	53.2 79.8
39 36.9	30.2 45.2





#57

1,3-Dichloropropane

Concen: 20.117 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

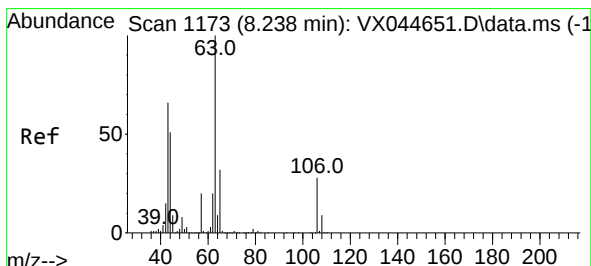
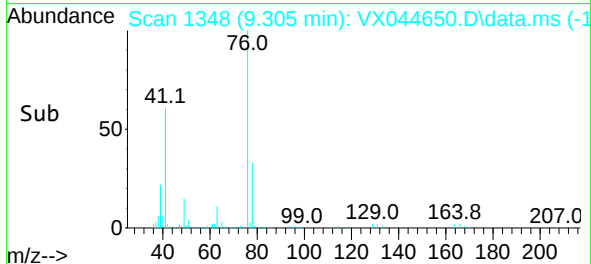
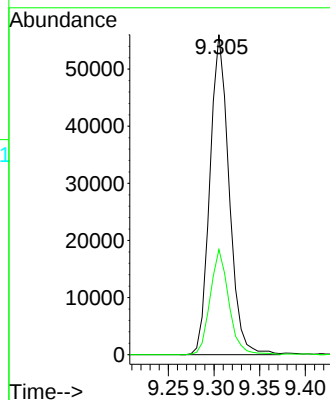
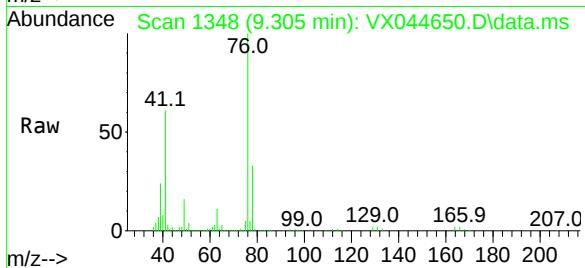
VSTDICC020

Tgt Ion: 76 Resp: 81718

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.899 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044650.D

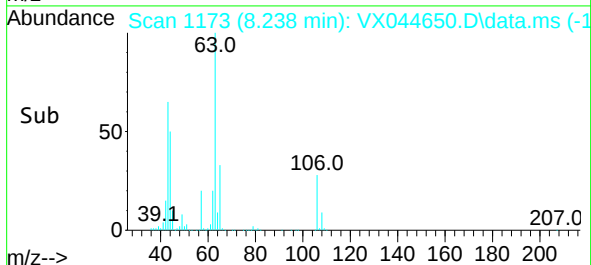
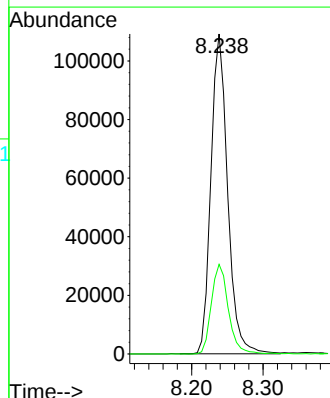
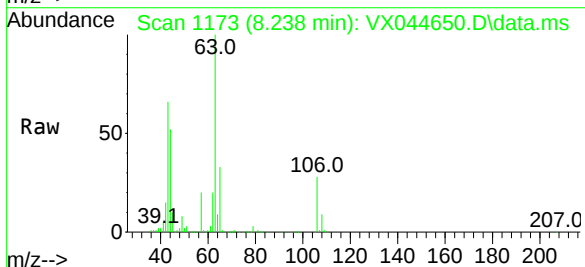
Acq: 15 Jan 2025 11:40

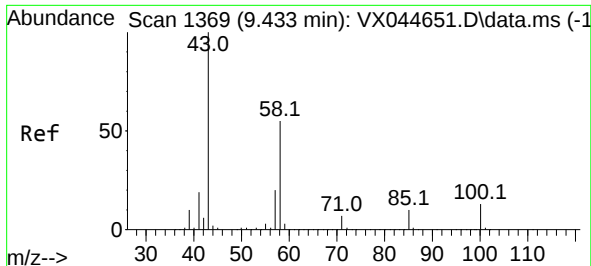
Tgt Ion: 63 Resp: 176999

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

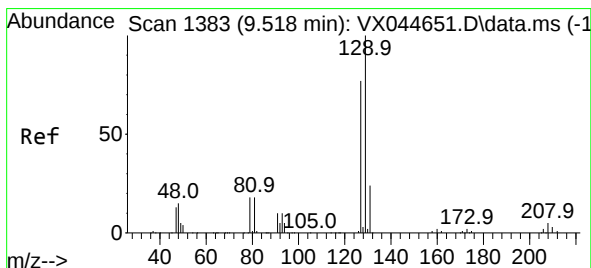
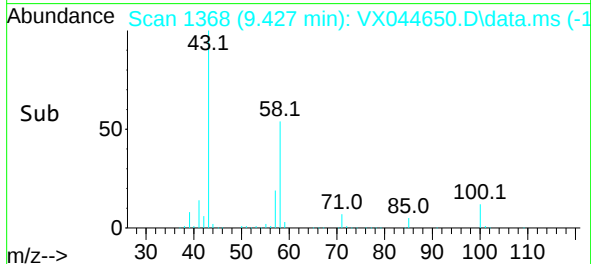
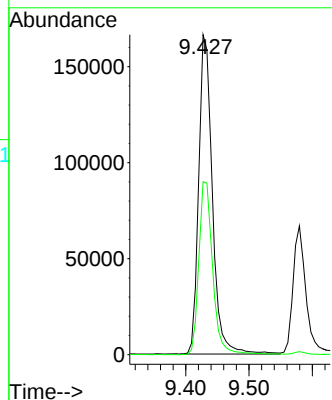
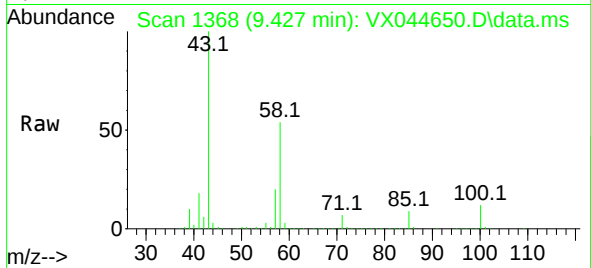




#59
2-Hexanone
Concen: 101.288 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

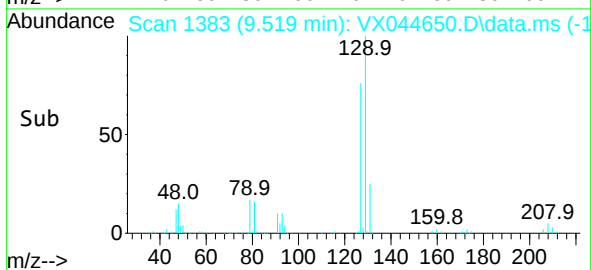
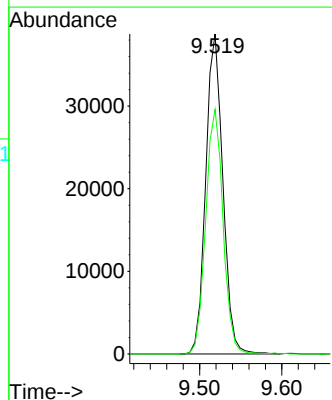
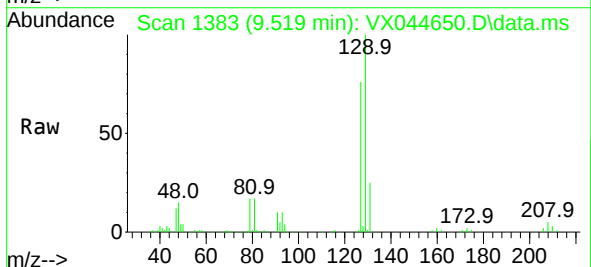
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

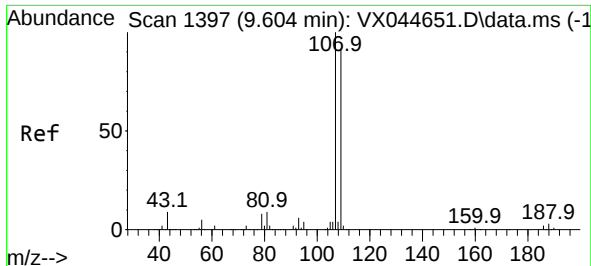
Tgt Ion: 43 Resp: 250792
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.3



#60
Dibromochloromethane
Concen: 20.015 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 129 Resp: 56038
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

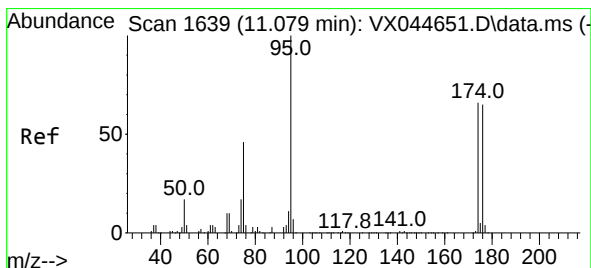
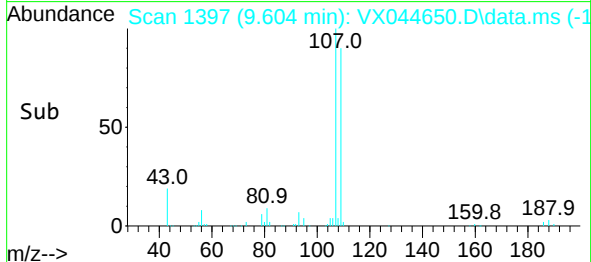
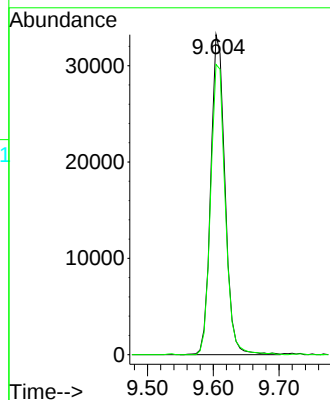
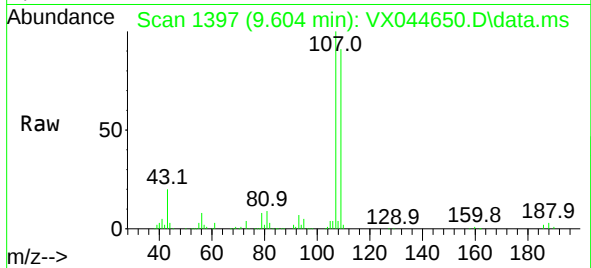




#61
1,2-Dibromoethane
Concen: 20.025 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

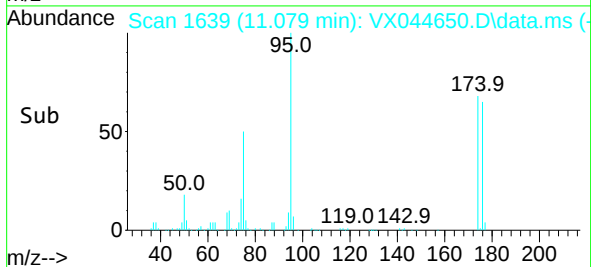
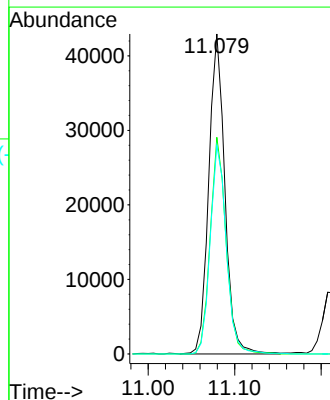
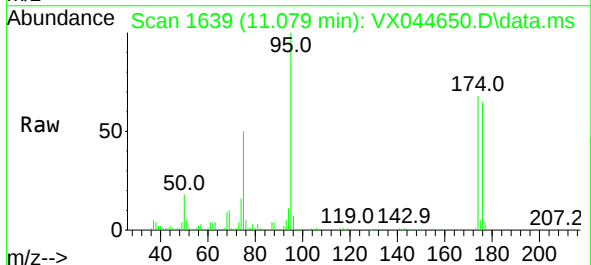
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

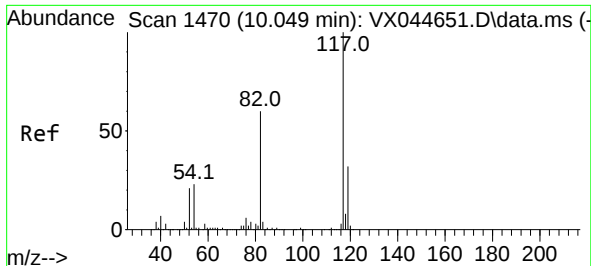
Tgt Ion:107 Resp: 50060
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 19.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 95 Resp: 55407
Ion Ratio Lower Upper
95 100
174 66.7 0.0 133.0
176 65.3 0.0 129.4

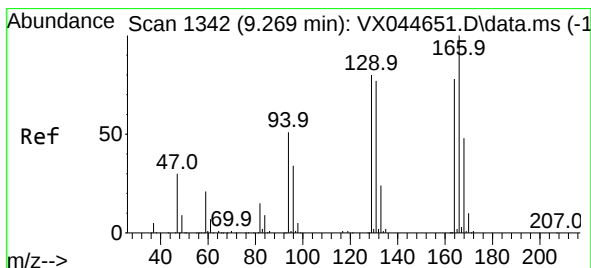
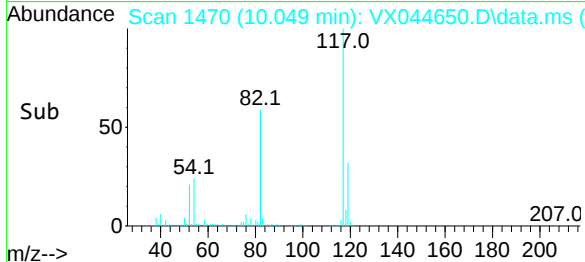
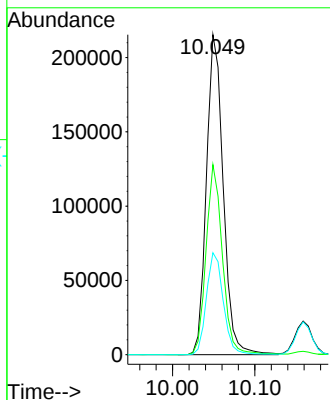
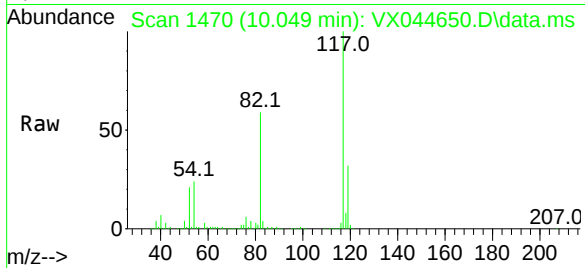




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

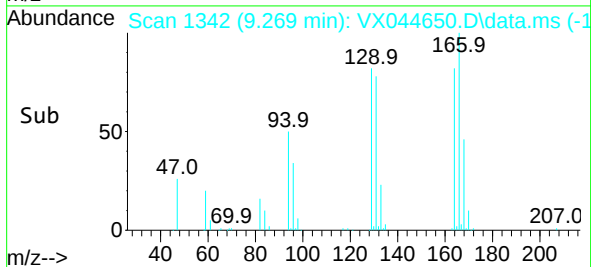
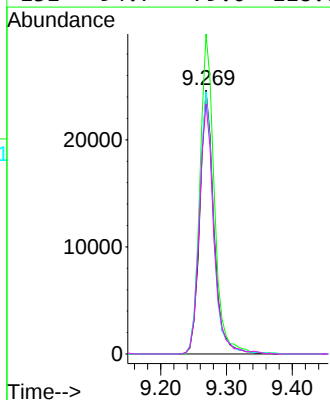
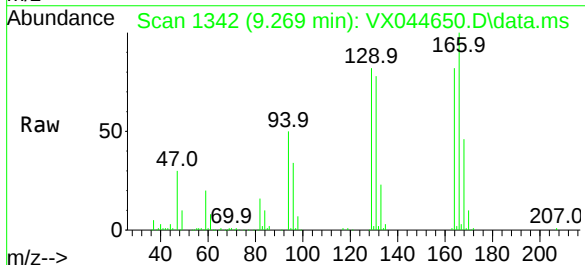
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

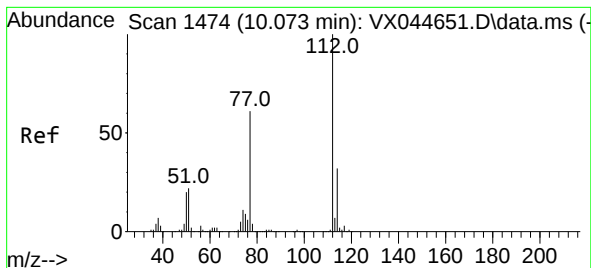
Tgt Ion:117 Resp: 305422
Ion Ratio Lower Upper
117 100
82 59.4 47.6 71.4
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 19.066 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:164 Resp: 36566
Ion Ratio Lower Upper
164 100
166 121.3 102.0 153.0
129 99.4 81.1 121.7
131 94.7 79.0 118.6





#65

Chlorobenzene

Concen: 19.506 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

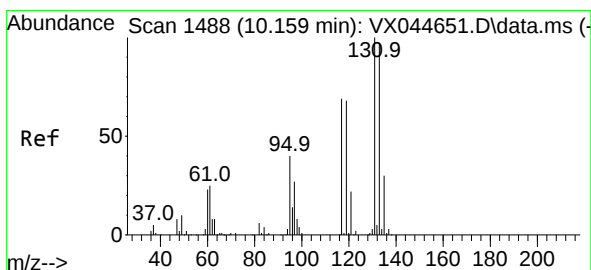
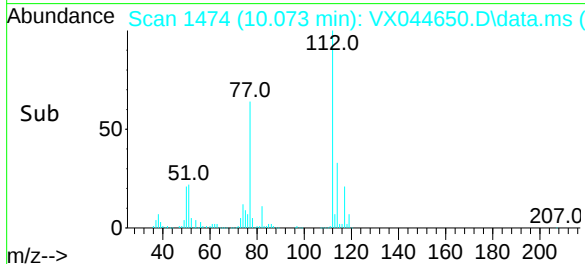
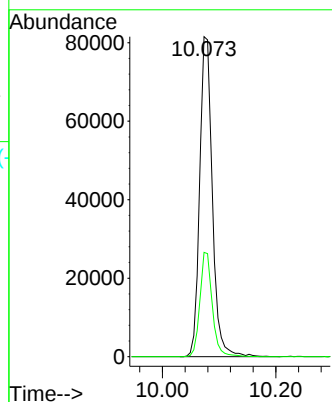
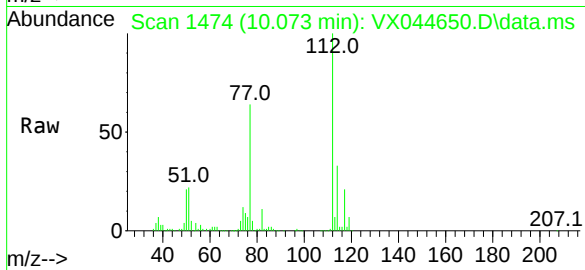
VSTDIC020

Tgt Ion:112 Resp: 126540

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.493 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

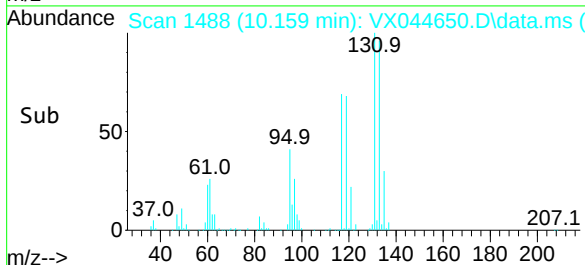
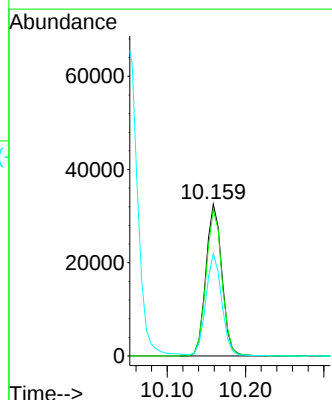
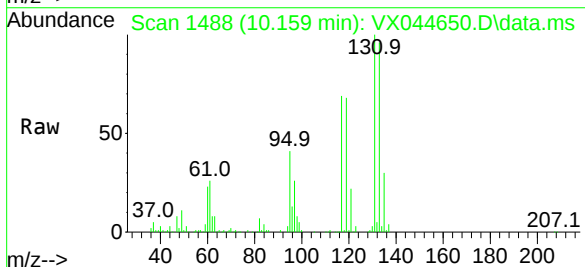
Tgt Ion:131 Resp: 45959

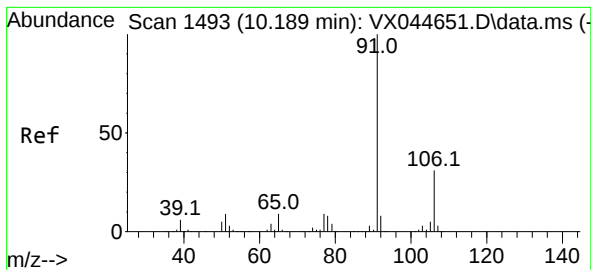
Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

119 67.1 33.4 100.2





#67

Ethyl Benzene

Concen: 19.723 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

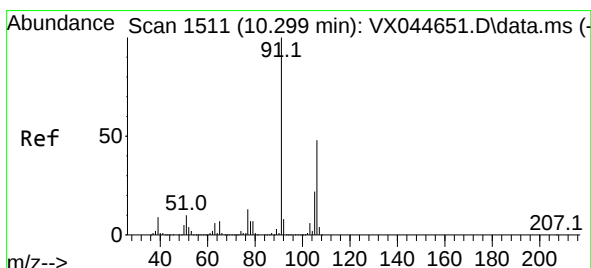
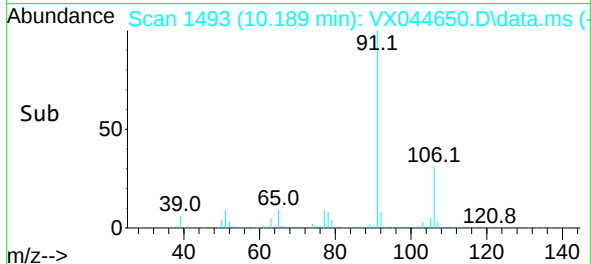
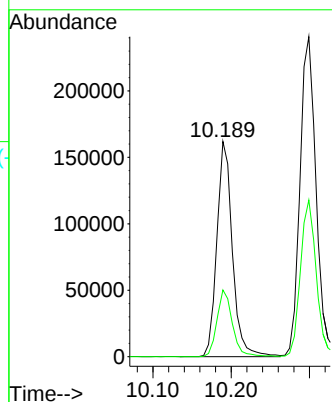
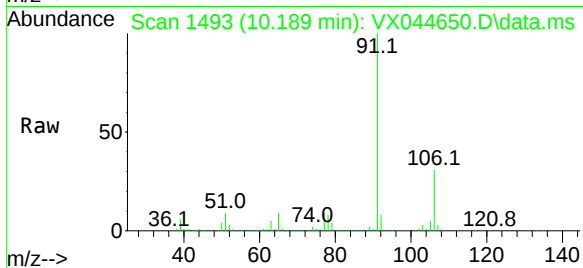
VSTDICC020

Tgt Ion: 91 Resp: 223249

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 39.921 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044650.D

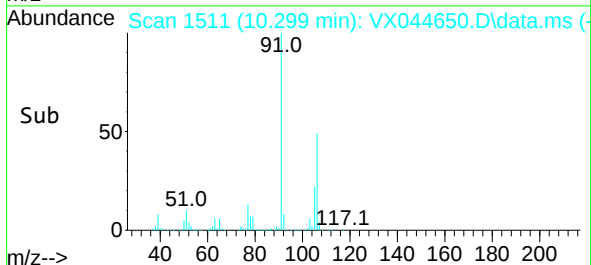
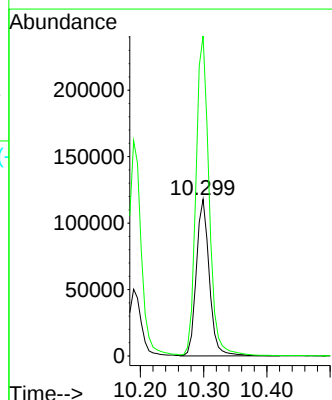
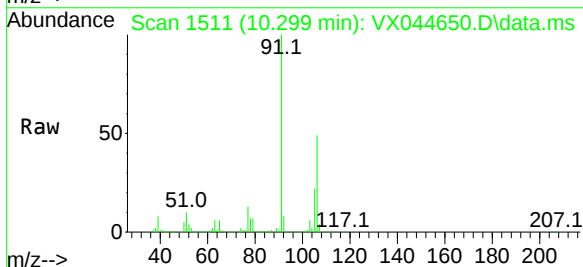
Acq: 15 Jan 2025 11:40

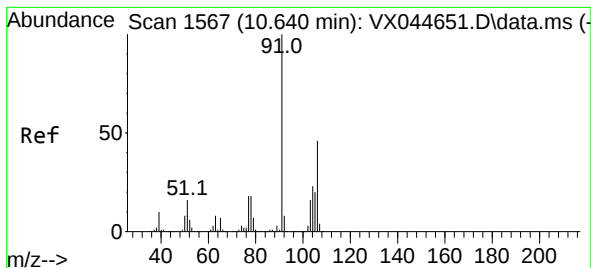
Tgt Ion: 106 Resp: 167689

Ion Ratio Lower Upper

106 100

91 207.5 166.4 249.6





#69

o-Xylene

Concen: 19.840 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

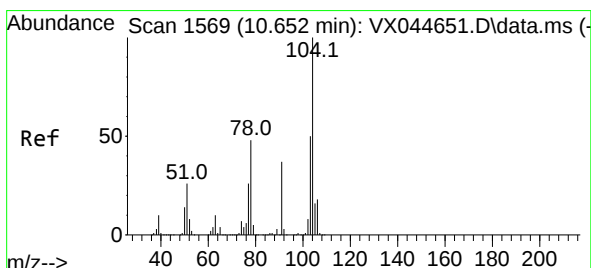
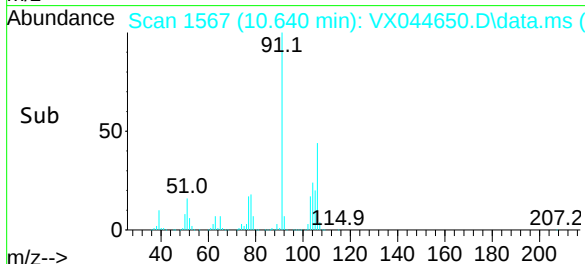
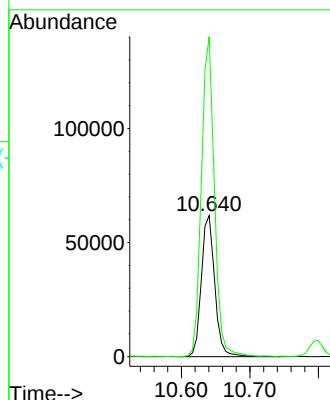
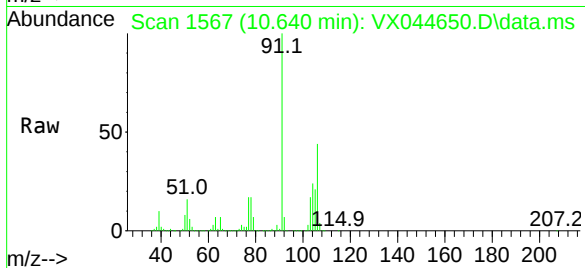
VSTDIC020

Tgt Ion:106 Resp: 84280

Ion Ratio Lower Upper

106 100

91 219.4 108.7 326.3



#70

Styrene

Concen: 20.189 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

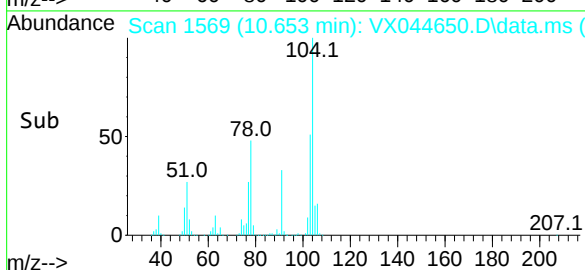
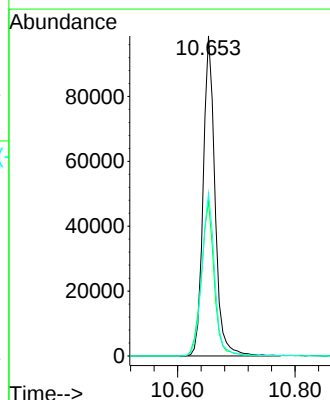
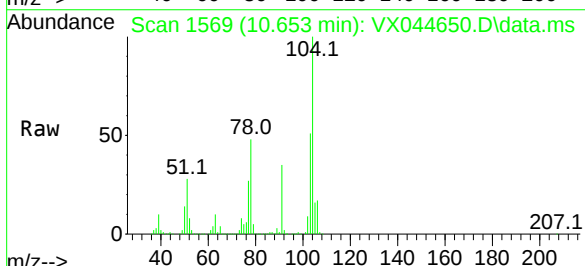
Tgt Ion:104 Resp: 138465

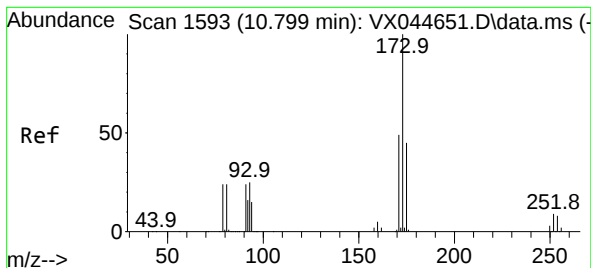
Ion Ratio Lower Upper

104 100

78 52.7 43.0 64.6

103 55.0 43.4 65.2





#71

Bromoform

Concen: 19.198 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

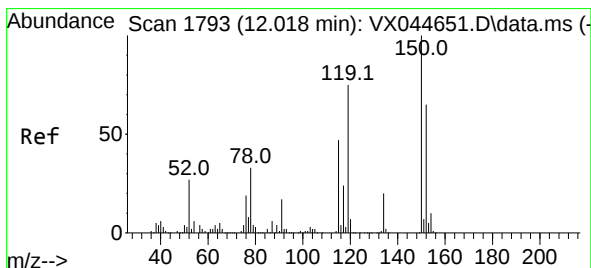
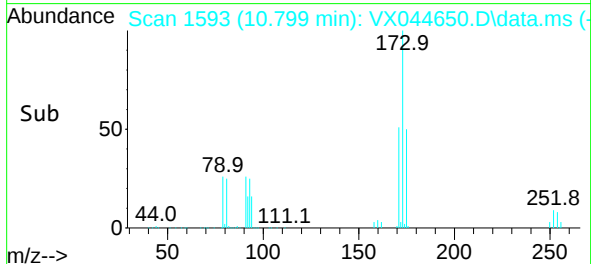
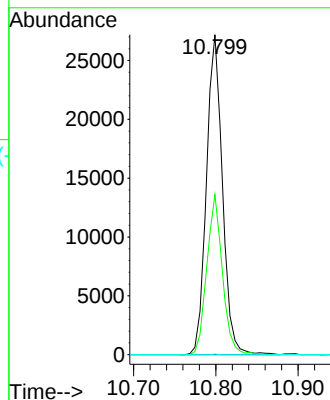
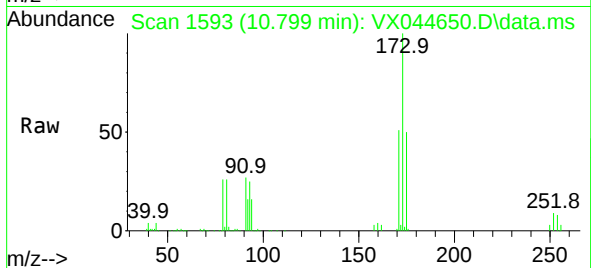
Tgt Ion:173 Resp: 36839

Ion Ratio Lower Upper

173 100

175 48.8 23.6 70.8

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

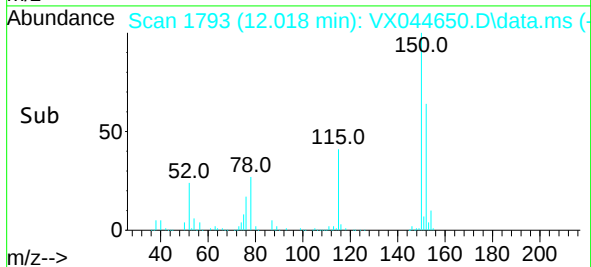
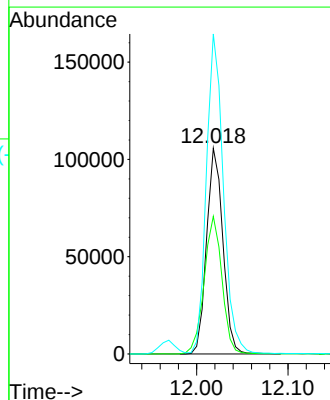
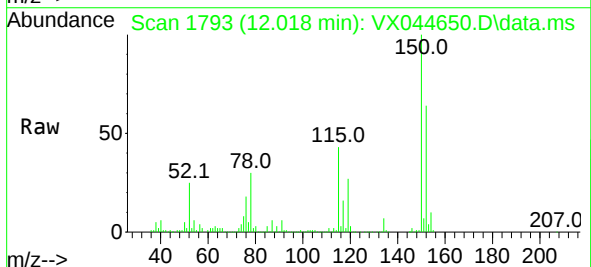
Tgt Ion:152 Resp: 130861

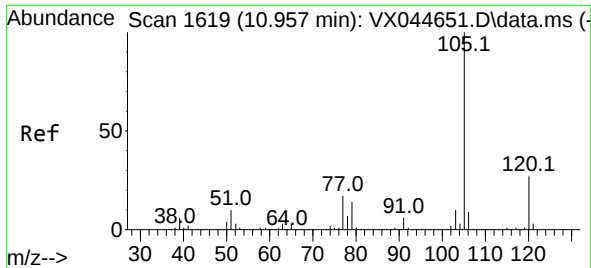
Ion Ratio Lower Upper

152 100

115 73.2 43.8 131.4

150 161.8 0.0 347.8

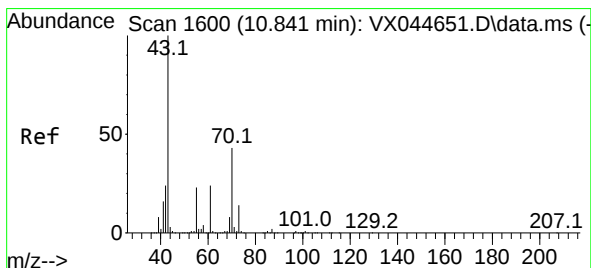
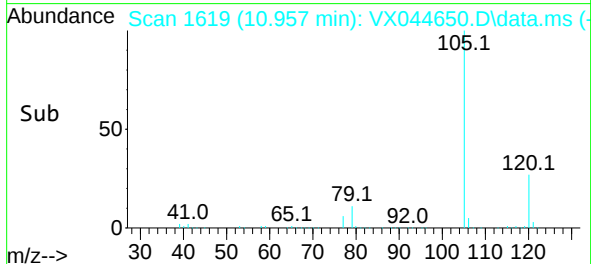
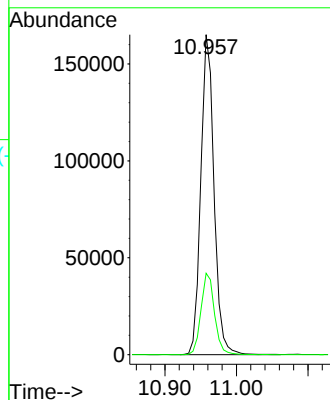
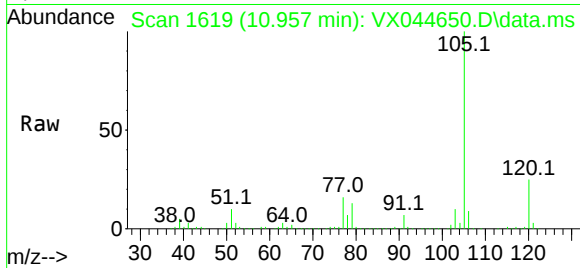




#73
Isopropylbenzene
Concen: 19.797 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

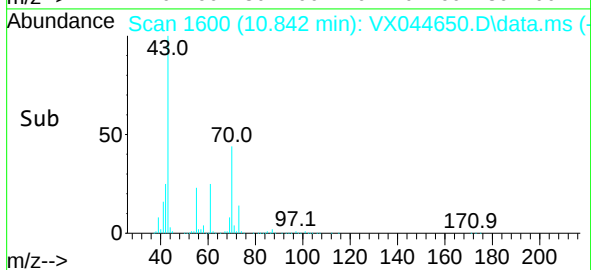
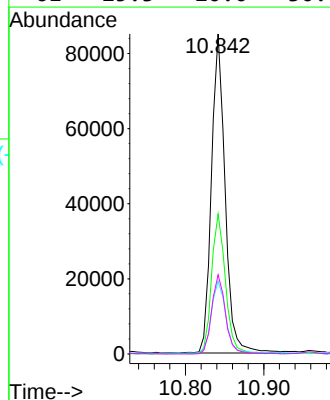
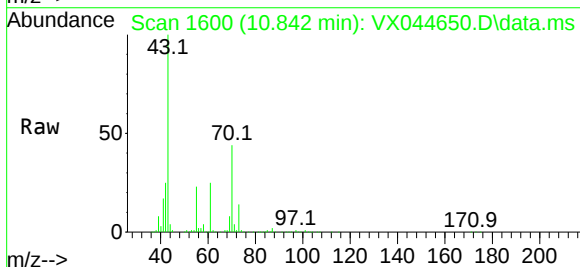
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

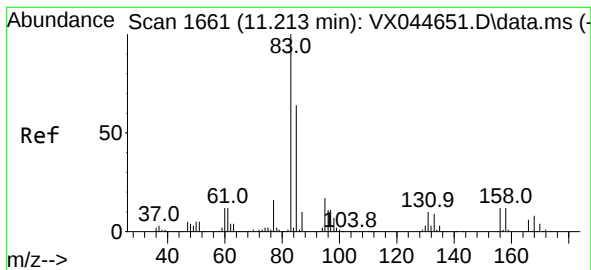
Tgt Ion:105 Resp: 211633
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 19.555 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 43 Resp: 103040
Ion Ratio Lower Upper
43 100
70 44.6 35.2 52.8
55 23.6 19.0 28.4
61 25.3 20.0 30.0

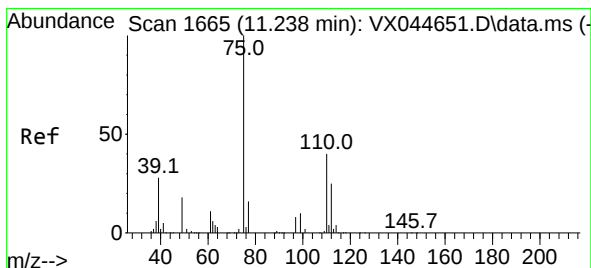
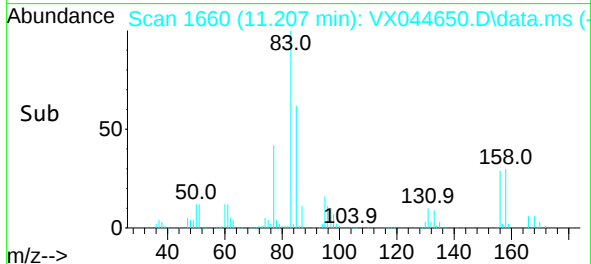
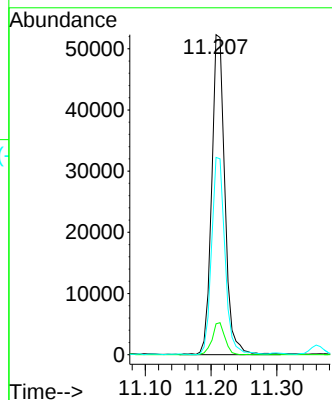
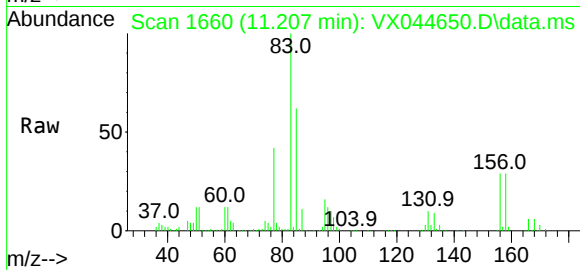




#75
1,1,2,2-Tetrachloroethane
Concen: 19.823 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

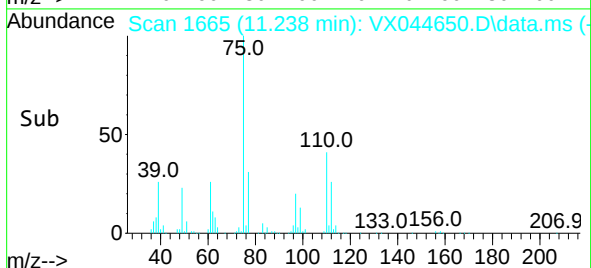
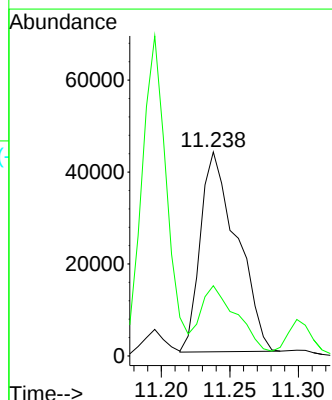
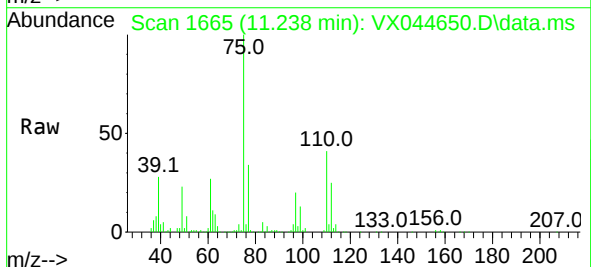
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

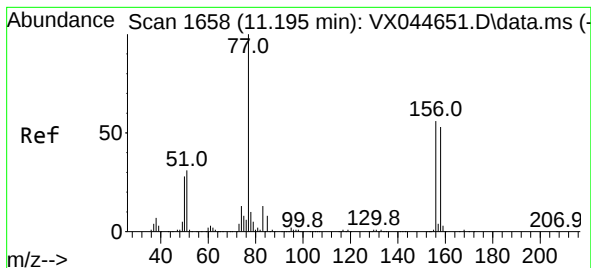
Tgt Ion: 83 Resp: 73190
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 62.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 25.454 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 75 Resp: 80837
Ion Ratio Lower Upper
75 100
77 35.5 23.4 70.2





#77

Bromobenzene

Concen: 19.432 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

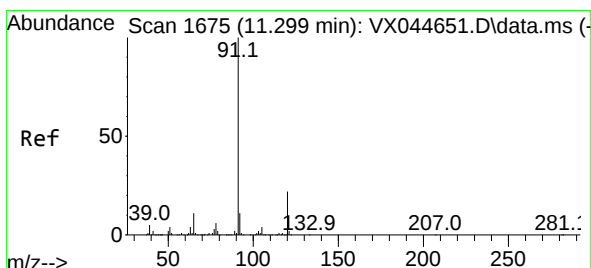
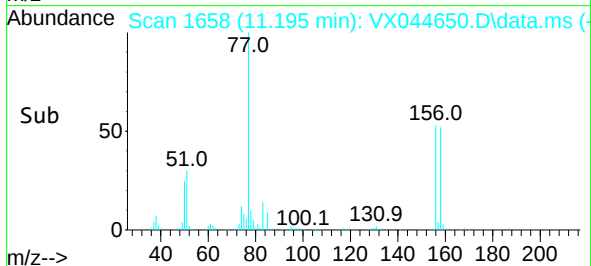
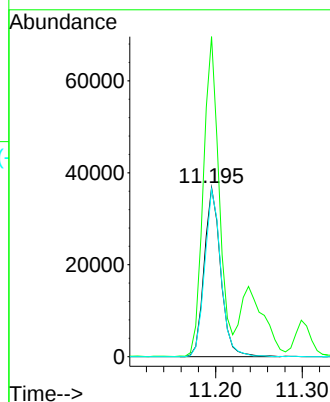
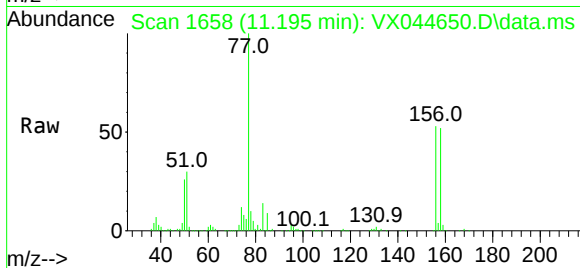
Tgt Ion:156 Resp: 48555

Ion Ratio Lower Upper

156 100

77 181.1 90.3 271.0

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 19.896 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044650.D

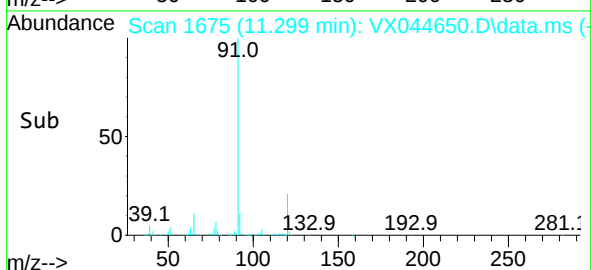
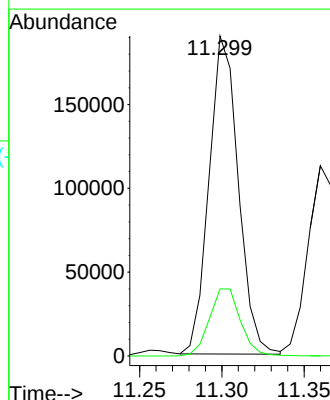
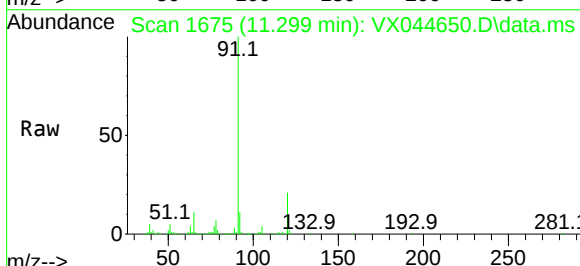
Acq: 15 Jan 2025 11:40

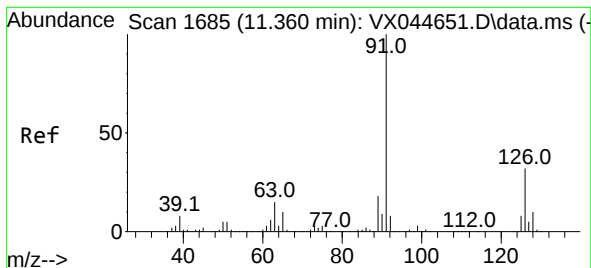
Tgt Ion: 91 Resp: 234567

Ion Ratio Lower Upper

91 100

120 22.5 11.4 34.1





#79

2-Chlorotoluene

Concen: 19.655 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

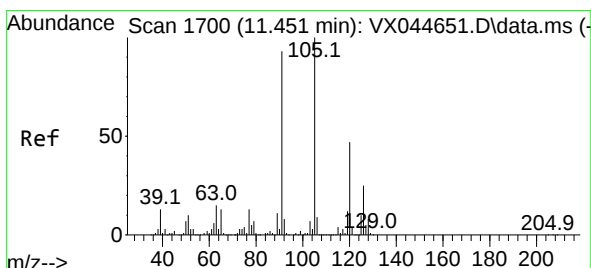
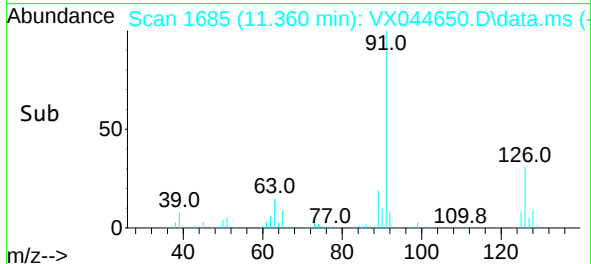
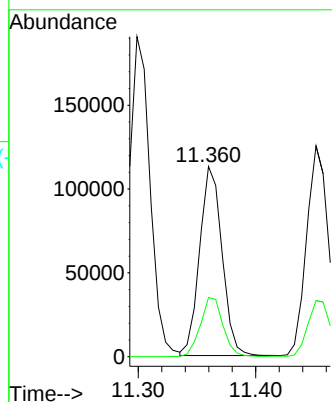
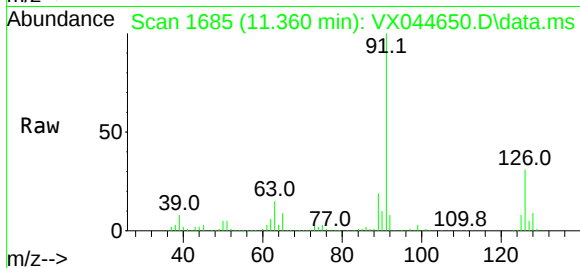
VSTDIC020

Tgt Ion: 91 Resp: 149688

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 19.919 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044650.D

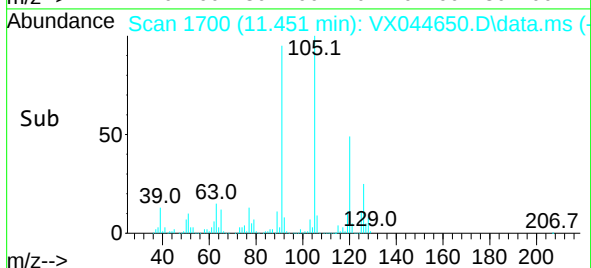
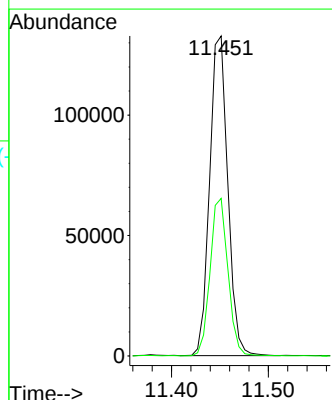
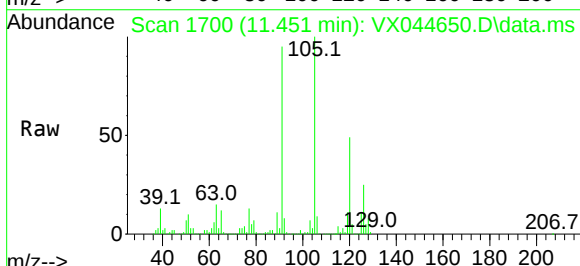
Acq: 15 Jan 2025 11:40

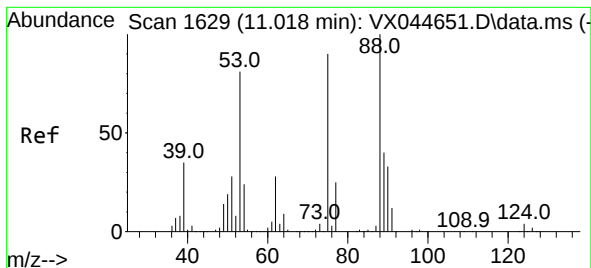
Tgt Ion: 105 Resp: 173348

Ion Ratio Lower Upper

105 100

120 48.5 23.7 71.1

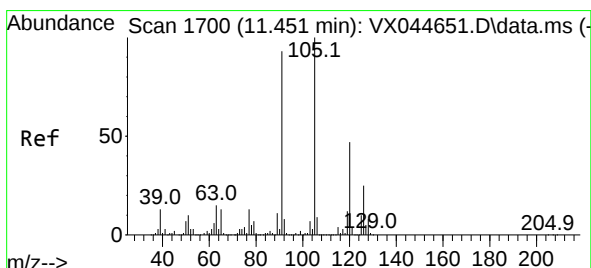
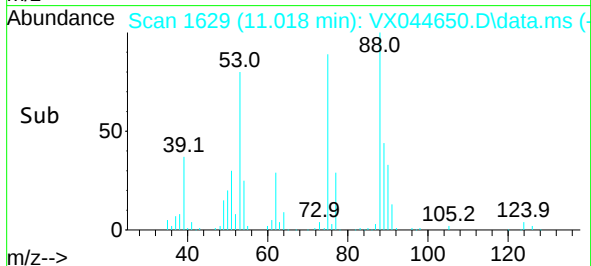
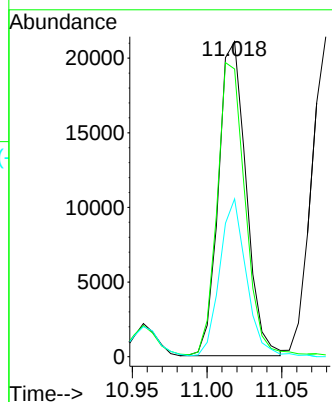
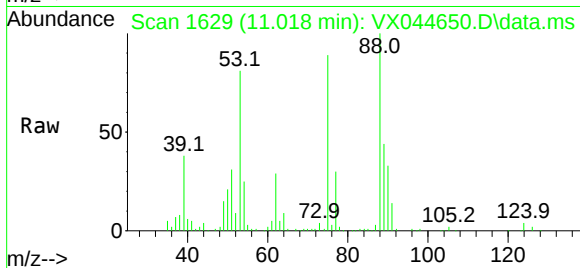




#81
trans-1,4-Dichloro-2-butene
Concen: 19.486 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

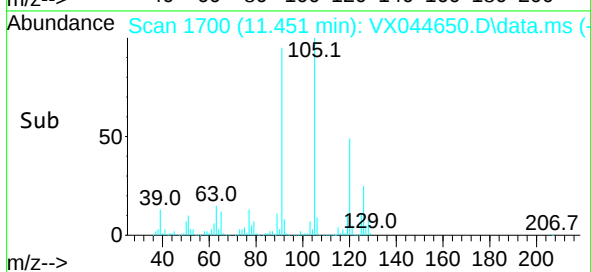
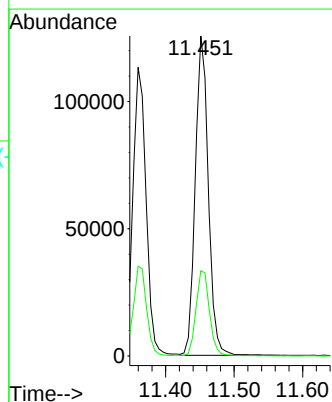
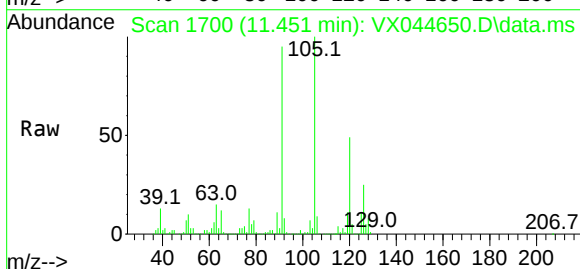
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

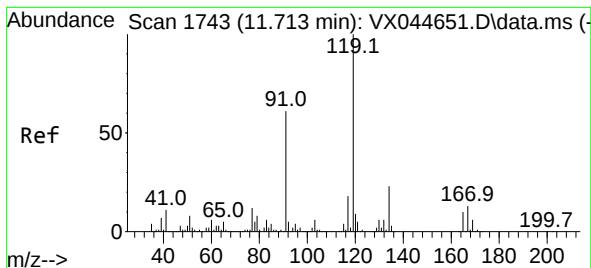
Tgt Ion: 75 Resp: 27061
Ion Ratio Lower Upper
75 100
53 93.5 74.3 111.5
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.968 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 91 Resp: 166586
Ion Ratio Lower Upper
91 100
126 27.8 13.9 41.7





#83

tert-Butylbenzene

Concen: 19.617 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

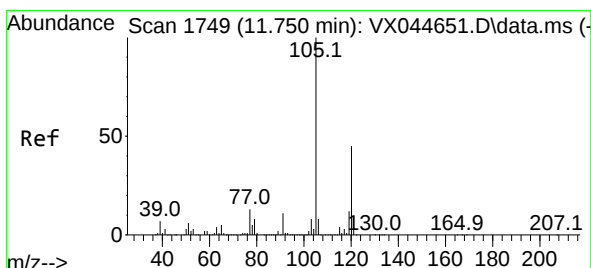
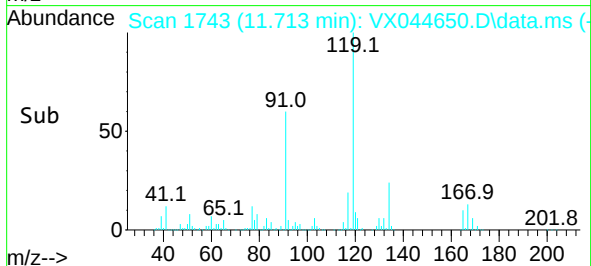
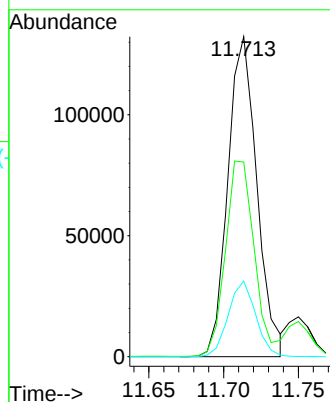
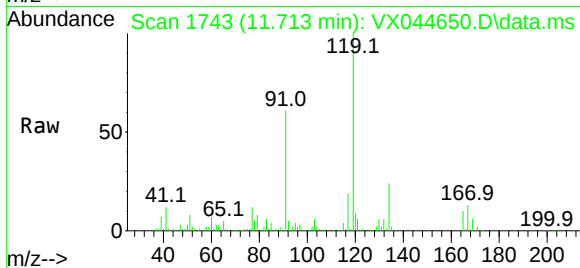
Tgt Ion:119 Resp: 178504

Ion Ratio Lower Upper

119 100

91 59.8 30.0 90.0

134 22.3 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 19.807 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044650.D

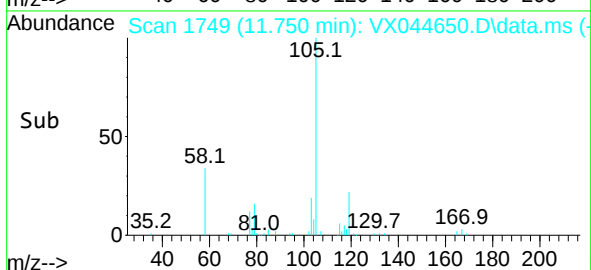
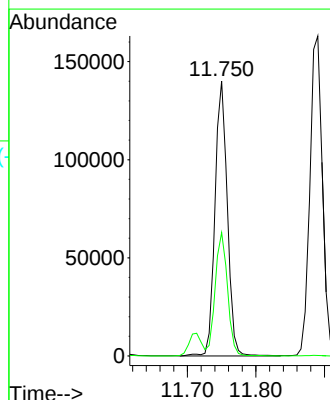
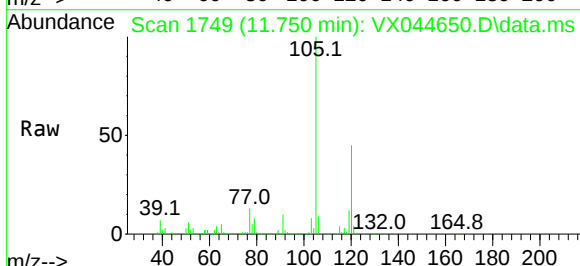
Acq: 15 Jan 2025 11:40

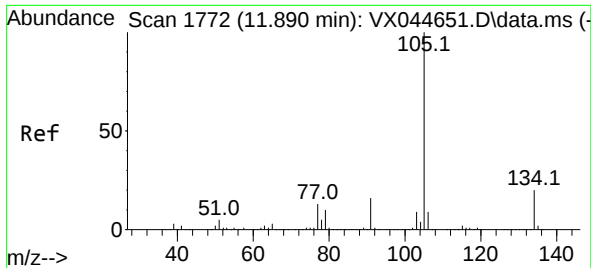
Tgt Ion:105 Resp: 175164

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6

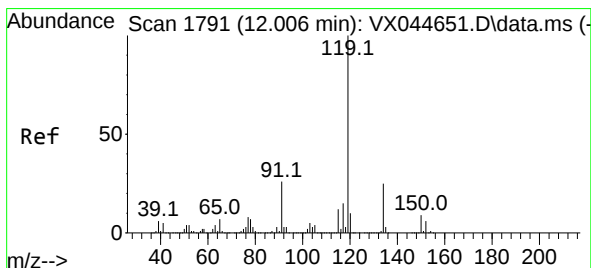
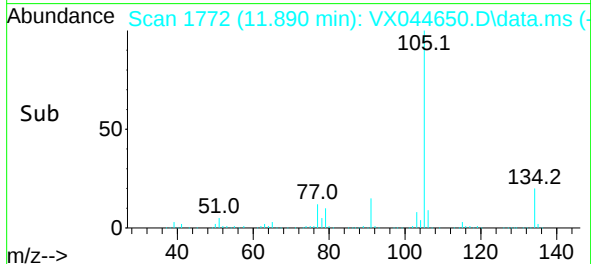
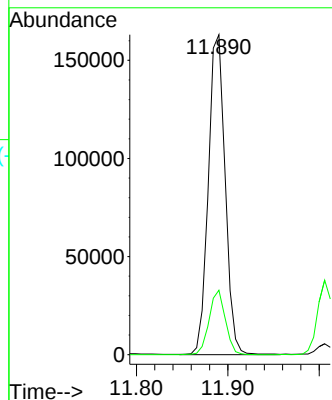
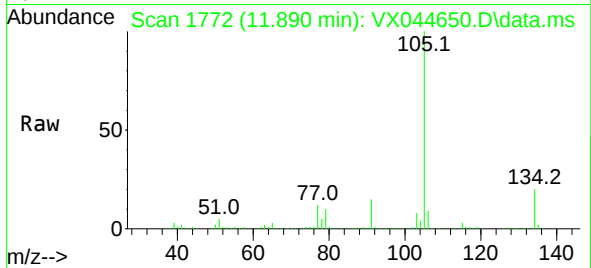




#85
sec-Butylbenzene
Concen: 19.649 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

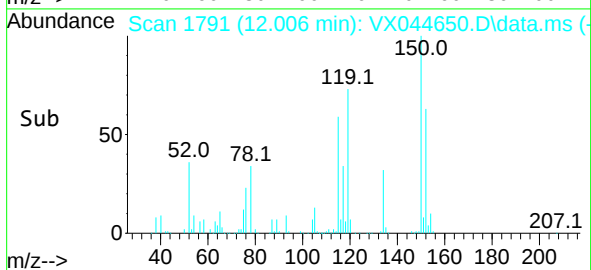
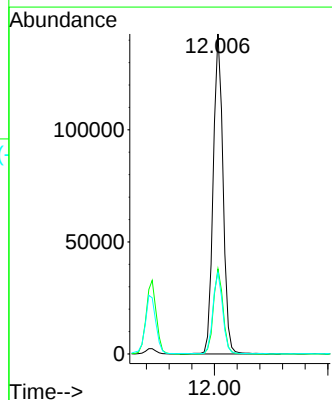
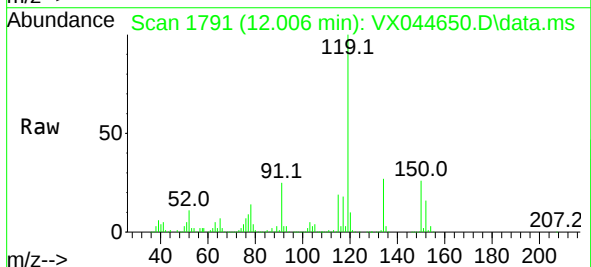
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

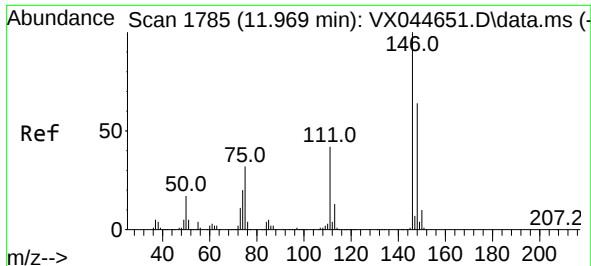
Tgt Ion:105 Resp: 208186
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.5



#86
p-Isopropyltoluene
Concen: 19.697 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:119 Resp: 171507
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.4
91 25.0 12.7 38.1

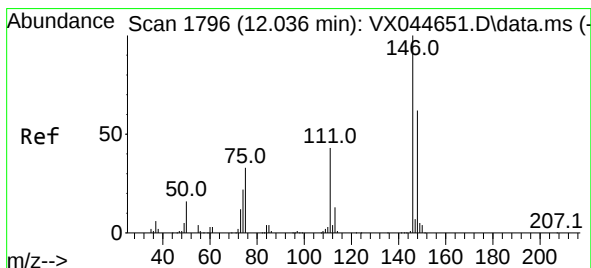
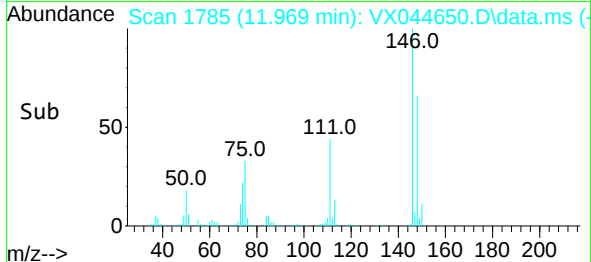
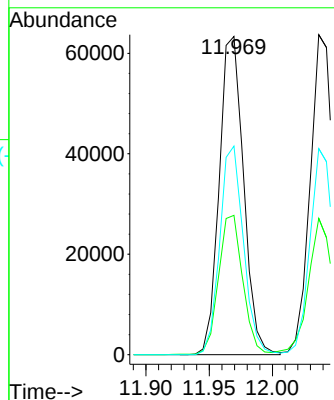
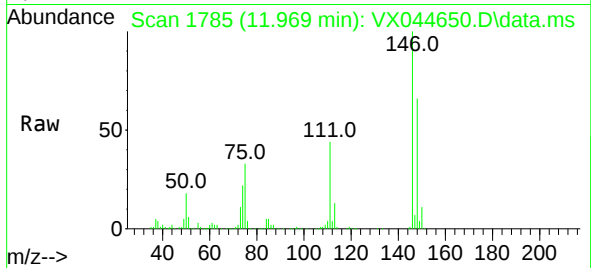




#87
1,3-Dichlorobenzene
Concen: 19.560 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

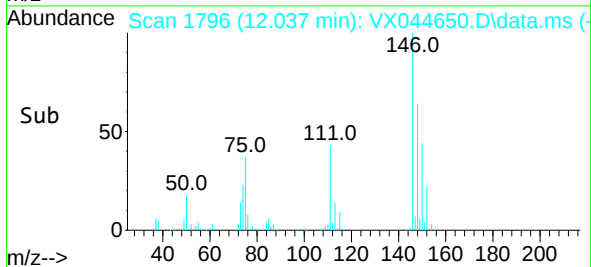
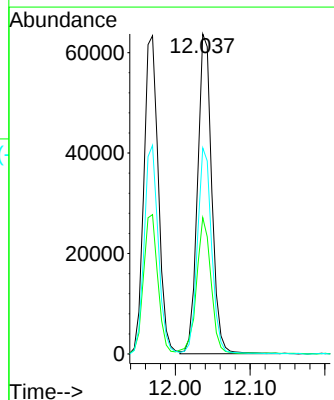
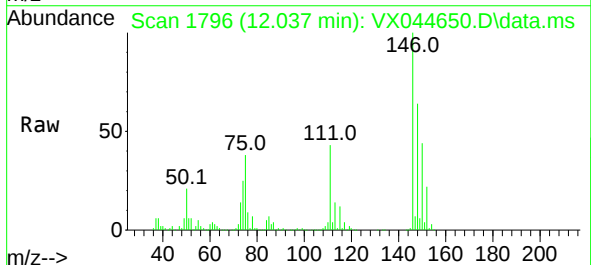
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

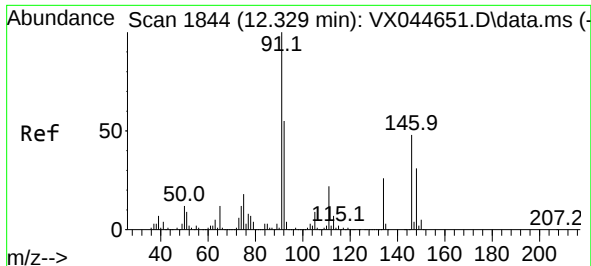
Tgt Ion:146 Resp: 84759
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.7
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.188 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion:146 Resp: 84055
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 64.1 32.1 96.5

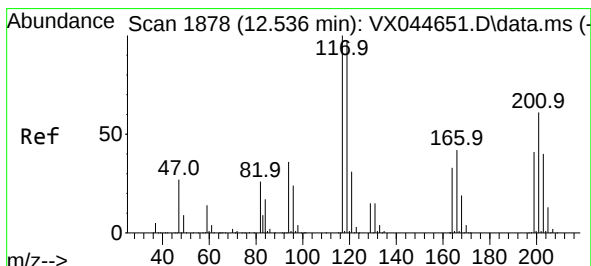
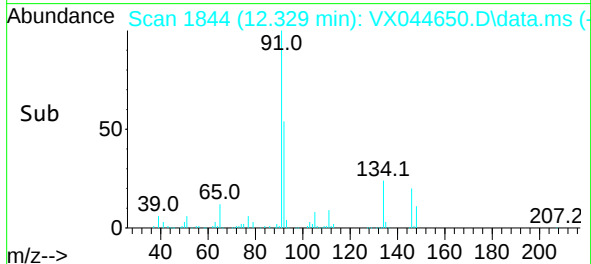
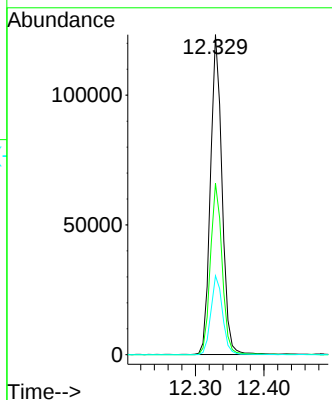
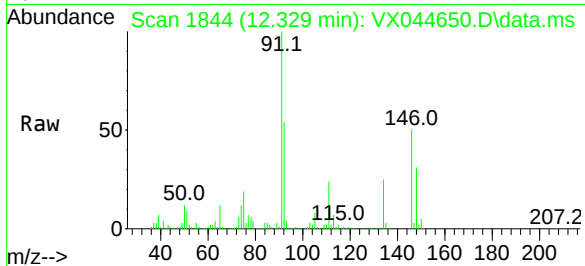




#89
n-Butylbenzene
Concen: 19.391 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

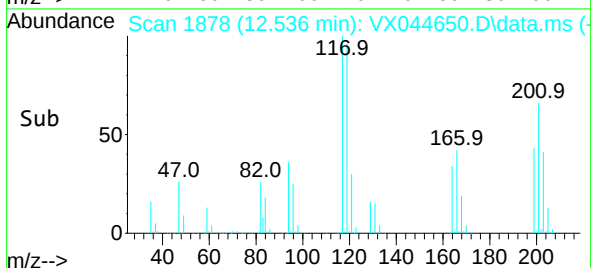
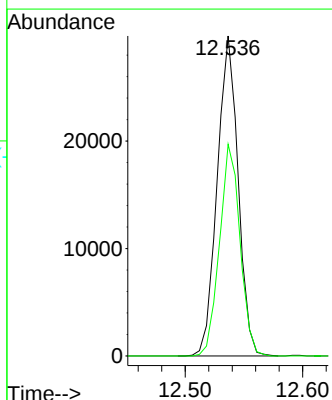
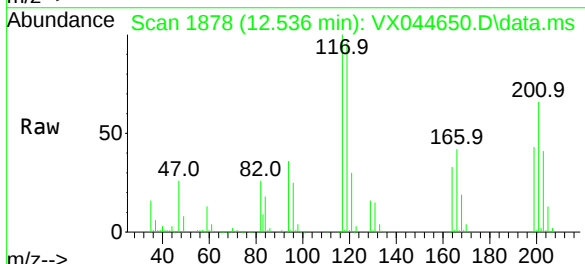
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

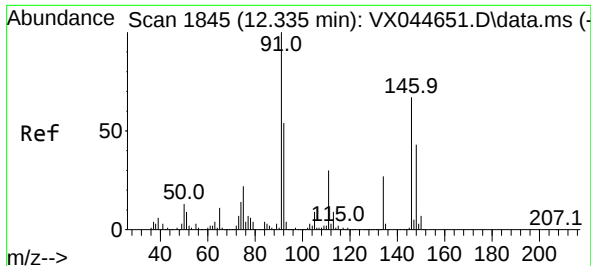
Tgt Ion: 91 Resp: 145015
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 25.0 12.8 38.3



#90
Hexachloroethane
Concen: 18.693 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044650.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 117 Resp: 36858
Ion Ratio Lower Upper
117 100
201 64.9 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.582 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

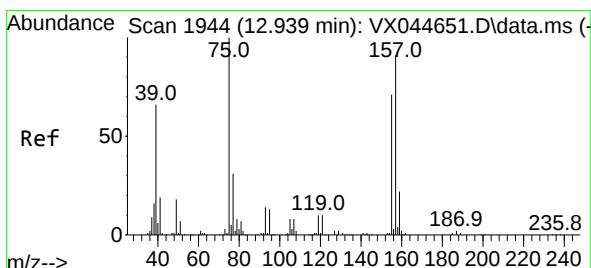
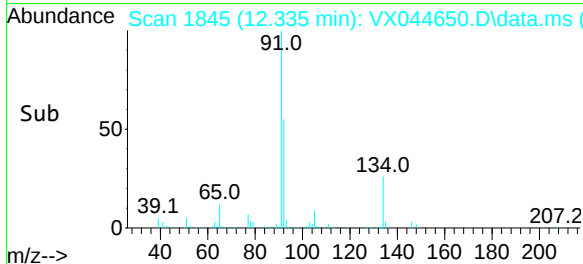
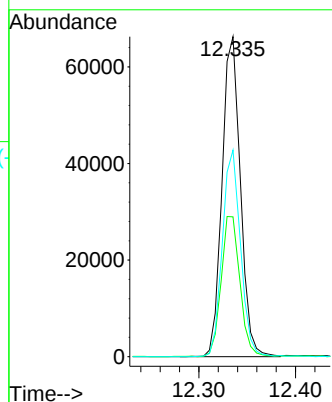
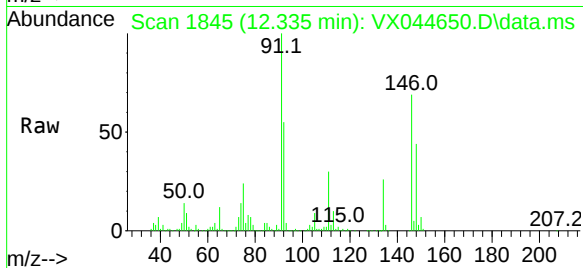
Tgt Ion:146 Resp: 87147

Ion Ratio Lower Upper

146 100

111 45.1 22.4 67.2

148 64.1 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.572 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

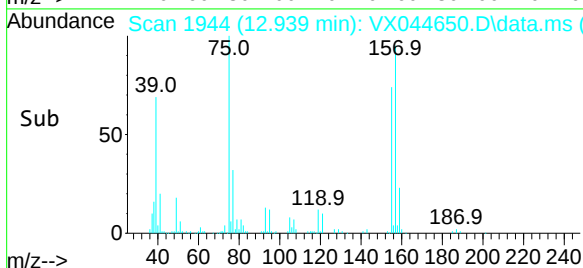
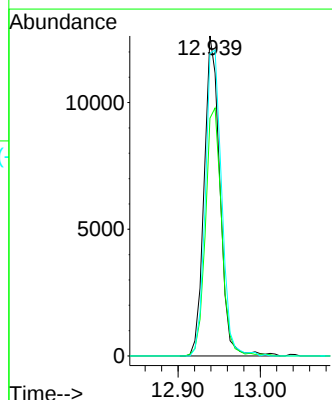
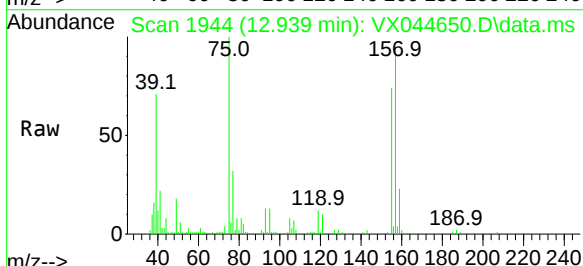
Tgt Ion: 75 Resp: 16770

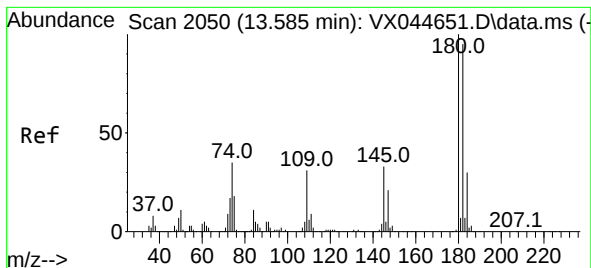
Ion Ratio Lower Upper

75 100

155 79.6 39.0 116.9

157 99.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.595 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

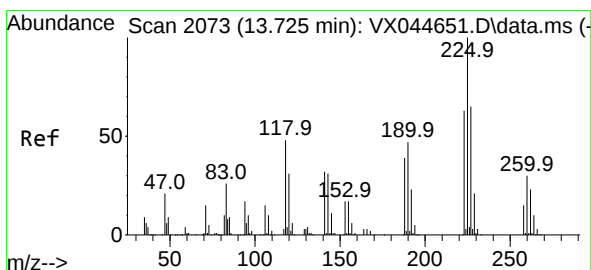
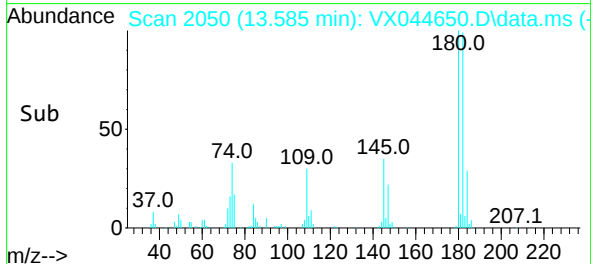
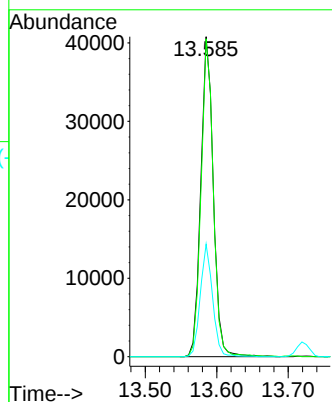
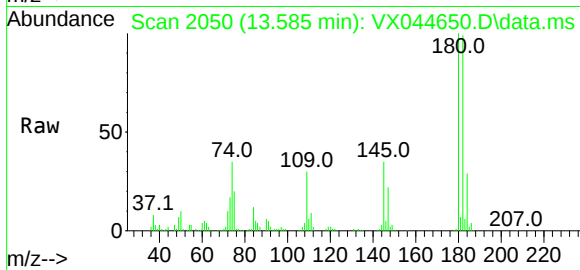
Tgt Ion:180 Resp: 49471

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.2

145 34.5 16.7 50.1



#94

Hexachlorobutadiene

Concen: 18.672 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

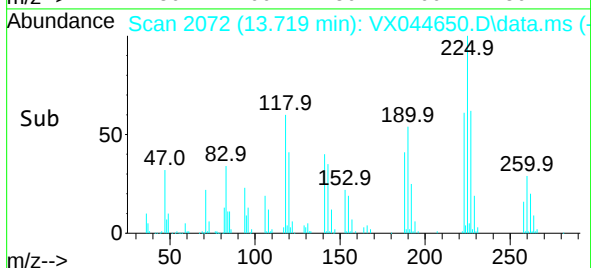
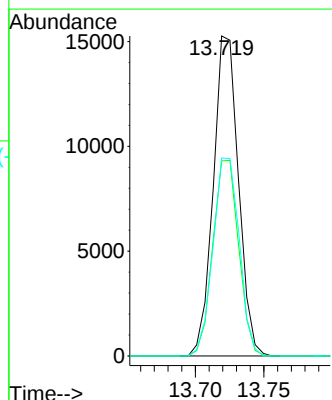
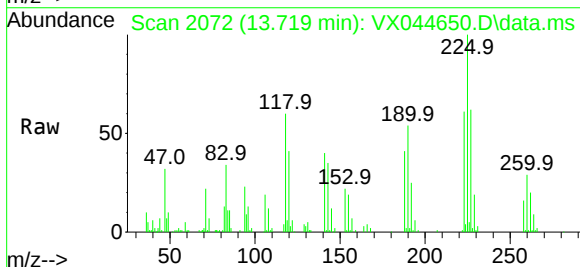
Tgt Ion:225 Resp: 19513

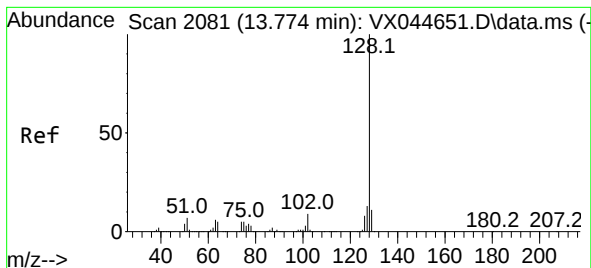
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.7

227 64.4 31.8 95.4





#95

Naphthalene

Concen: 19.372 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

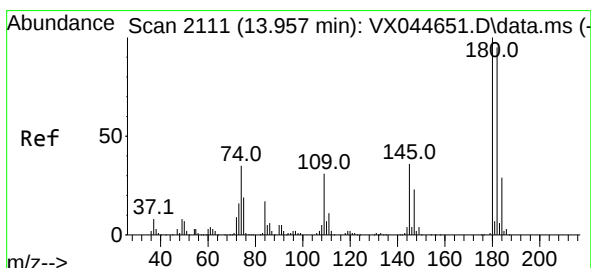
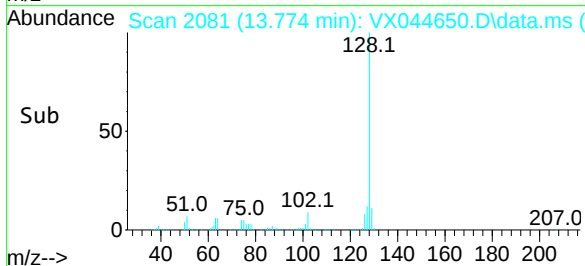
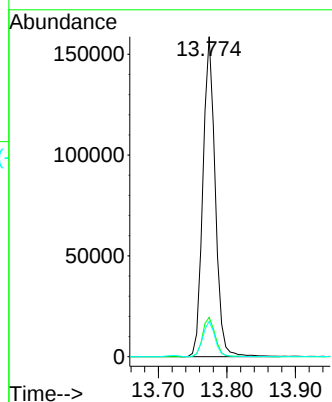
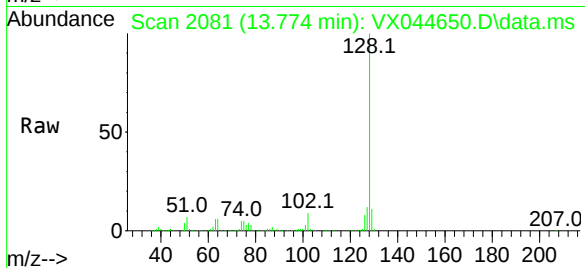
Tgt Ion:128 Resp: 198769

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.093 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044650.D

Acq: 15 Jan 2025 11:40

Tgt Ion:180 Resp: 52651

Ion Ratio Lower Upper

180 100

182 95.9 47.2 141.6

145 35.2 17.5 52.6

