

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045453.D
 Acq On : 25 Mar 2025 20:14
 Operator : JC/MD
 Sample : Q1608-12MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

Quant Time: Mar 27 03:18:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	75274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67843	56.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.320%	
35) Dibromofluoromethane	5.379	113	48641	52.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.780%	
50) Toluene-d8	8.647	98	166935	50.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	63445	57.430	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	59832	63.146	ug/l	97
3) Chloromethane	1.301	50	62763	54.127	ug/l	98
4) Vinyl Chloride	1.374	62	56780	49.361	ug/l	99
5) Bromomethane	1.593	94	25624	56.665	ug/l	98
6) Chloroethane	1.660	64	29739	56.049	ug/l	99
7) Trichlorofluoromethane	1.874	101	81927	53.801	ug/l	98
8) Diethyl Ether	2.130	74	27732	46.560	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	54689	62.511	ug/l	99
10) Methyl Iodide	2.441	142	64444	58.943	ug/l	95
11) Tert butyl alcohol	2.989	59	53301	235.017	ug/l	97
12) 1,1-Dichloroethene	2.307	96	49511	53.528	ug/l	95
13) Acrolein	2.233	56	74173	282.920	ug/l	98
14) Allyl chloride	2.654	41	91452	55.544	ug/l	94
15) Acrylonitrile	3.063	53	158269	260.380	ug/l	98
16) Acetone	2.386	43	151022	271.852	ug/l	97
17) Carbon Disulfide	2.502	76	117782	47.809	ug/l	98
18) Methyl Acetate	2.703	43	61707	46.173	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	165578	53.357	ug/l	97
20) Methylene Chloride	2.782	84	55644	50.565	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	48788	53.391	ug/l	97
22) Diisopropyl ether	3.758	45	180498	53.904	ug/l #	87
23) Vinyl Acetate	3.715	43	741441	265.335	ug/l	98
24) 1,1-Dichloroethane	3.605	63	100738	53.681	ug/l	99
25) 2-Butanone	4.556	43	231423	276.752	ug/l	97
26) 2,2-Dichloropropane	4.465	77	58131	66.041	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	61622	54.628	ug/l	93
28) Bromochloromethane	4.891	49	49330	55.149	ug/l	97
29) Tetrahydrofuran	5.007	42	146468	260.824	ug/l	99
30) Chloroform	5.087	83	105279	56.461	ug/l	98
31) Cyclohexane	5.458	56	89260	54.794	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	84889	56.368	ug/l	97
36) 1,1-Dichloropropene	5.684	75	66602	52.811	ug/l	99
37) Ethyl Acetate	4.715	43	80246	49.380	ug/l	99
38) Carbon Tetrachloride	5.666	117	71130	55.555	ug/l	99
39) Methylcyclohexane	7.373	83	84382	55.840	ug/l	96
40) Benzene	6.032	78	208143	52.266	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48028	54.658	ug/l	98
42) 1,2-Dichloroethane	6.080	62	83793	58.431	ug/l	96
43) Isopropyl Acetate	6.336	43	123504	51.396	ug/l	99
44) Trichloroethene	7.117	130	171657	183.571	ug/l	98
45) 1,2-Dichloropropane	7.428	63	51556	50.352	ug/l	97
46) Dibromomethane	7.580	93	38883	53.727	ug/l	96
47) Bromodichloromethane	7.818	83	77659	54.707	ug/l	97
48) Methyl methacrylate	7.690	41	68214	56.583	ug/l	93
49) 1,4-Dioxane	7.659	88	28024	1102.003	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	459467	284.768	ug/l	98
52) Toluene	8.714	92	124829	53.425	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	64569	54.408	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	73432	53.063	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	50866	52.881	ug/l	98
56) Ethyl methacrylate	9.116	69	81211	55.542	ug/l	92
57) 1,3-Dichloropropane	9.305	76	86605	52.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.159	63	151	0.212	ug/l #	48
59) 2-Hexanone	9.427	43	348369	297.997	ug/l	97
60) Dibromochloromethane	9.519	129	54443	54.132	ug/l	99
61) 1,2-Dibromoethane	9.604	107	51698	53.837	ug/l	97
64) Tetrachloroethene	9.269	164	45256	58.224	ug/l	97
65) Chlorobenzene	10.073	112	133074	51.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	44970	52.584	ug/l	96
67) Ethyl Benzene	10.189	91	241425	53.955	ug/l	100
68) m/p-Xylenes	10.299	106	174457	106.504	ug/l	94
69) o-Xylene	10.640	106	85858	51.970	ug/l	93
70) Styrene	10.653	104	148946	55.720	ug/l	98
71) Bromoform	10.799	173	35249	54.659	ug/l #	98
73) Isopropylbenzene	10.957	105	230995	51.672	ug/l	99
74) N-amyl acetate	10.842	43	108961	51.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	82659	50.387	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85393	64.058	ug/l	87
77) Bromobenzene	11.195	156	53228	50.465	ug/l	95
78) n-propylbenzene	11.299	91	269107	53.289	ug/l	98
79) 2-Chlorotoluene	11.360	91	165161	51.354	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189979	52.558	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19709	50.596	ug/l	85
82) 4-Chlorotoluene	11.451	91	186957	53.338	ug/l	97
83) tert-Butylbenzene	11.713	119	191732	51.625	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	192914	53.041	ug/l	99
85) sec-Butylbenzene	11.890	105	236009	53.049	ug/l	99
86) p-Isopropyltoluene	12.006	119	192339	53.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96495	51.283	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	95102	49.958	ug/l	98
89) n-Butylbenzene	12.329	91	170243	54.978	ug/l	99
90) Hexachloroethane	12.536	117	33310	51.222	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	97391	51.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17914	56.052	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	54675	50.871	ug/l	99
94) Hexachlorobutadiene	13.725	225	22030	49.996	ug/l	99
95) Naphthalene	13.774	128	210140	50.889	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	56493	49.825	ug/l	98

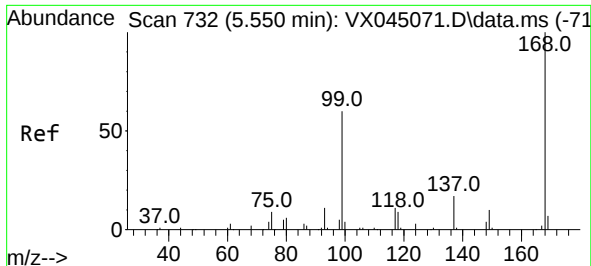
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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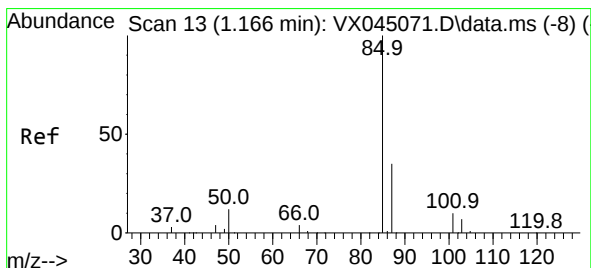
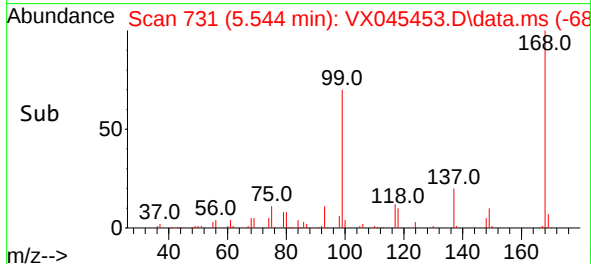
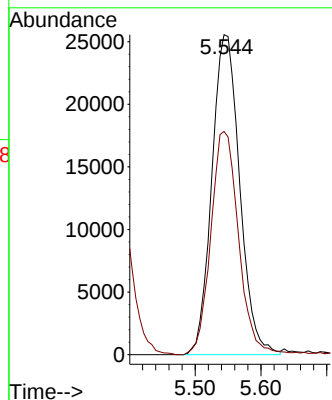
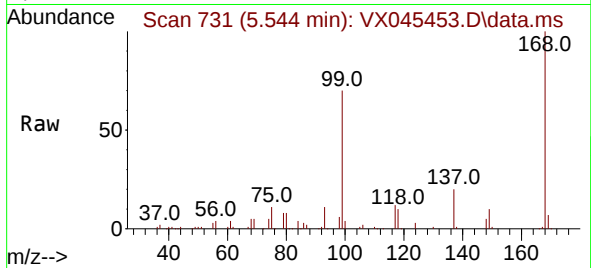
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

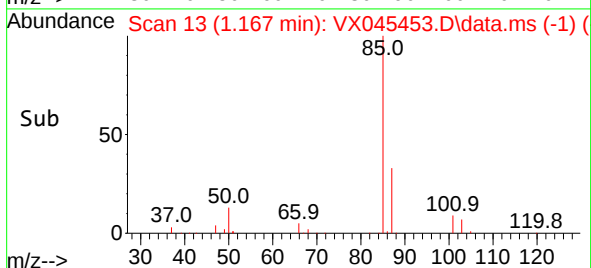
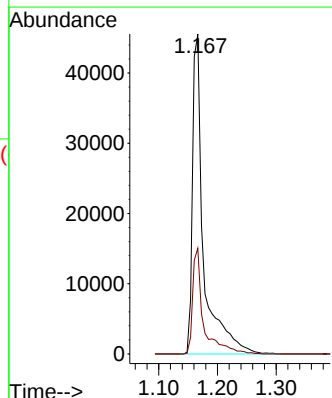
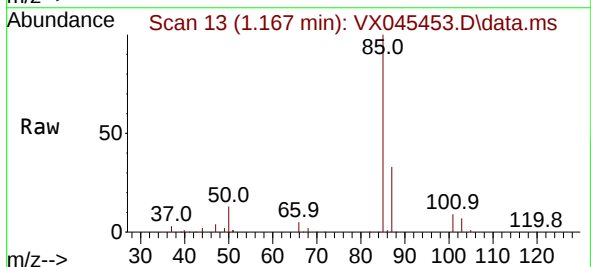
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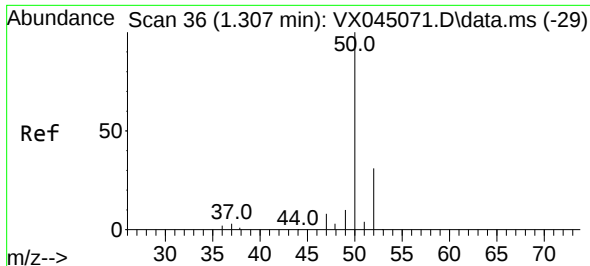
Tgt Ion:168 Resp: 75274
Ion Ratio Lower Upper
168 100
99 69.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 63.146 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 85 Resp: 59832
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3

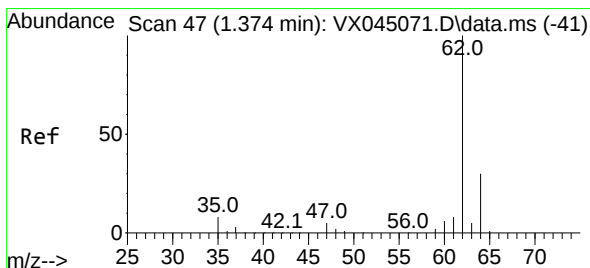
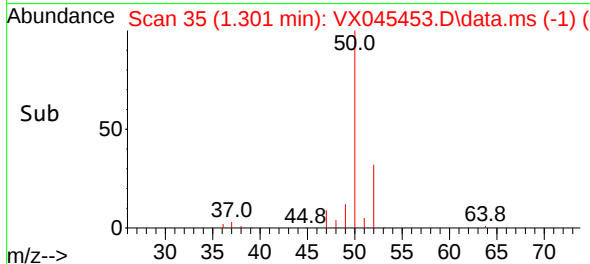
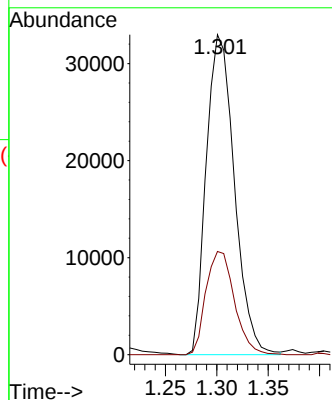
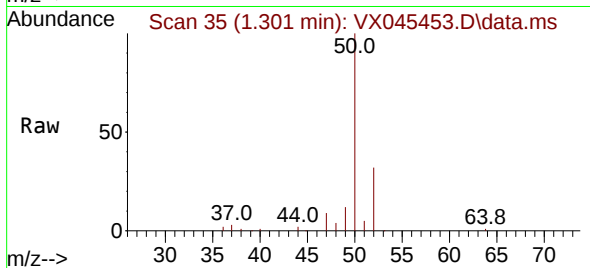




#3
Chloromethane
Concen: 54.127 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

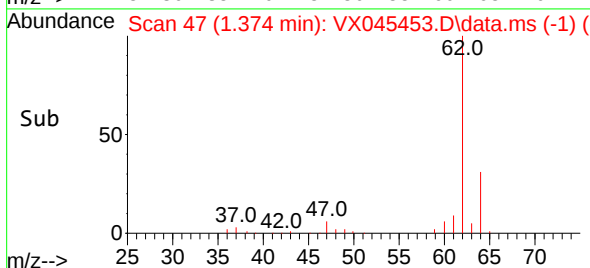
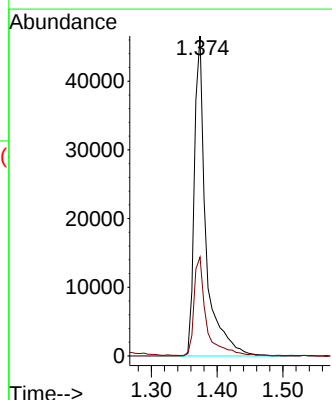
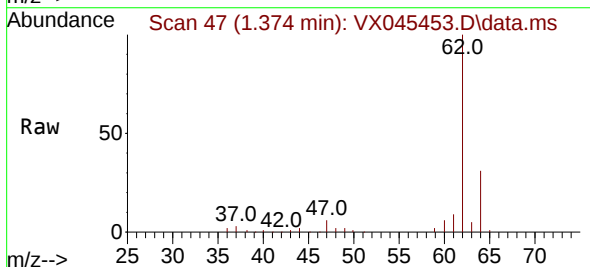
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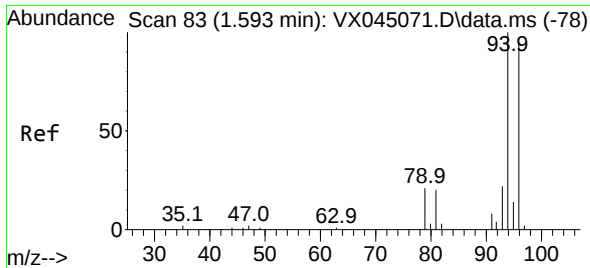
Tgt Ion: 50 Resp: 62763
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4



#4
Vinyl Chloride
Concen: 49.361 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 62 Resp: 56780
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5

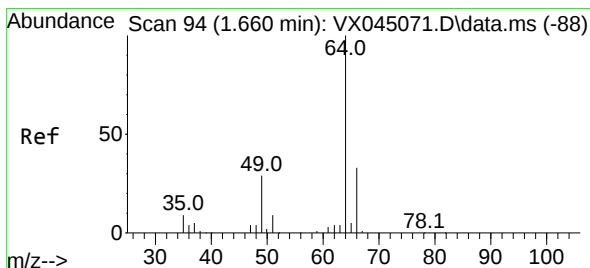
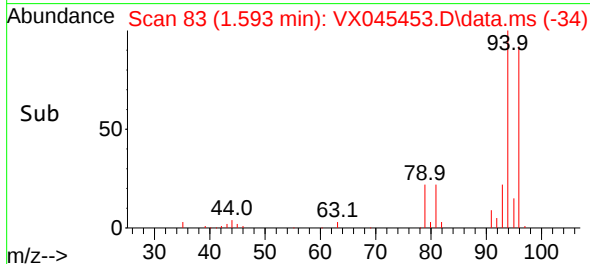
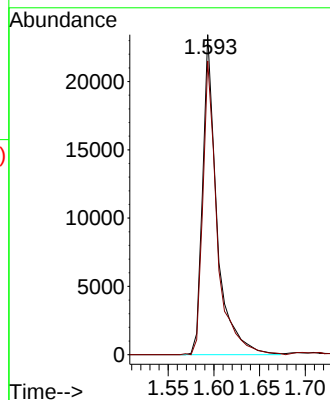
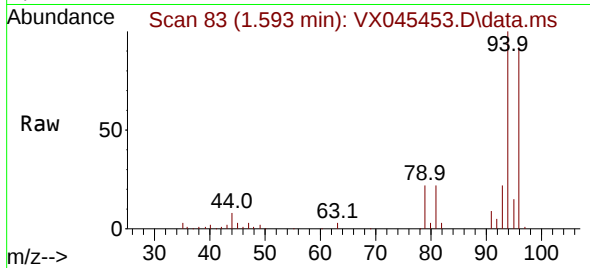




#5
Bromomethane
Concen: 56.665 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

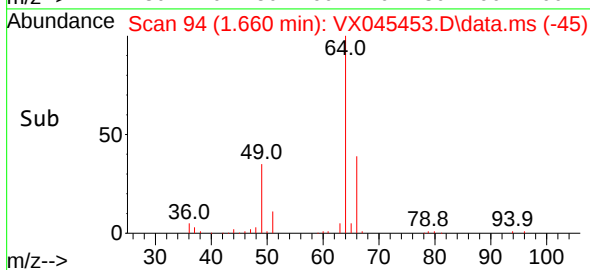
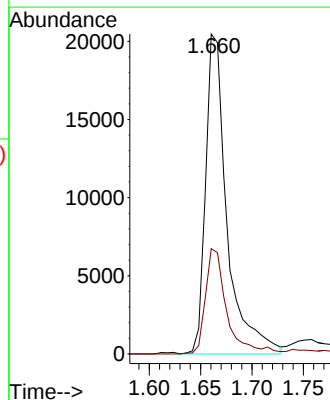
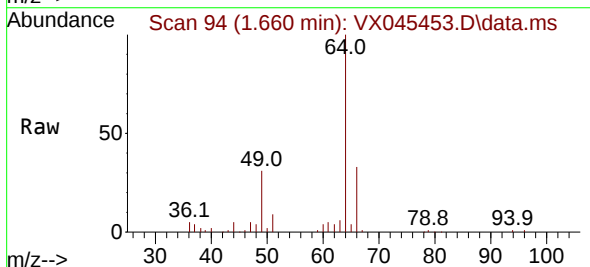
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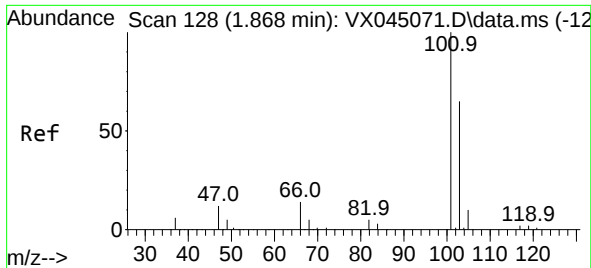
Tgt Ion: 94 Resp: 25624
Ion Ratio Lower Upper
94 100
96 91.8 75.0 112.4



#6
Chloroethane
Concen: 56.049 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 64 Resp: 29739
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1

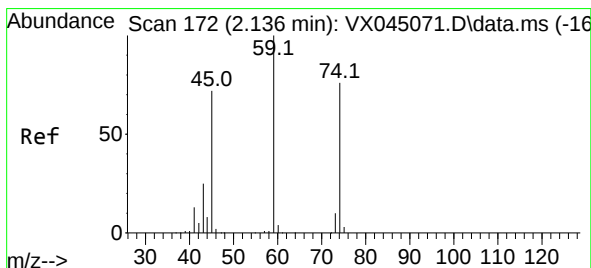
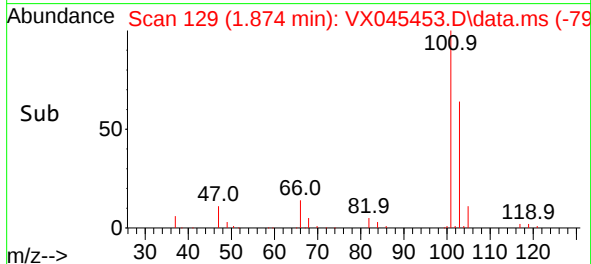
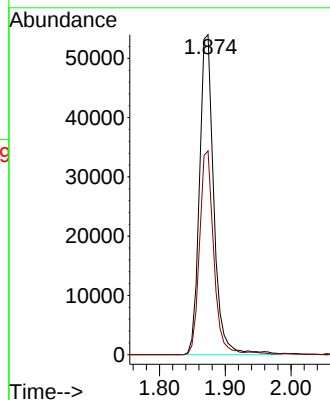
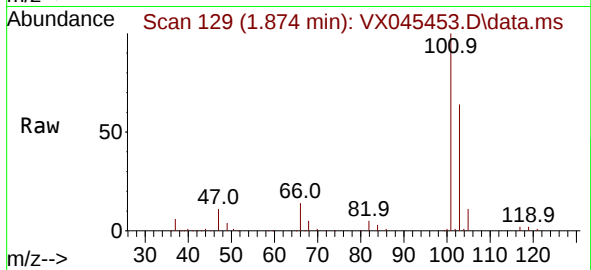




#7
 Trichlorofluoromethane
 Concen: 53.801 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

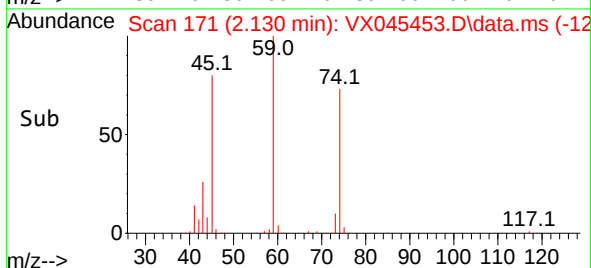
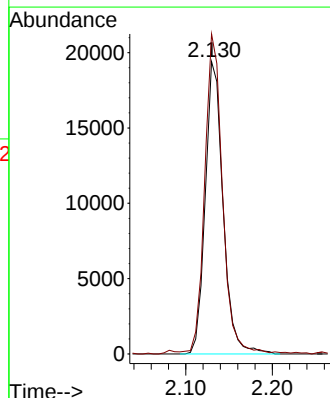
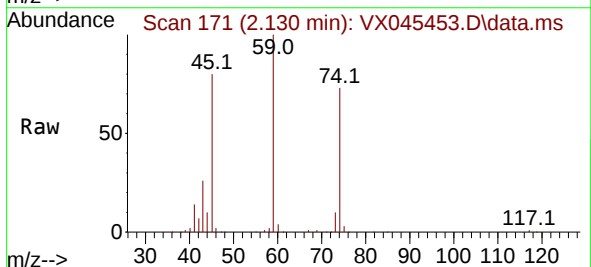
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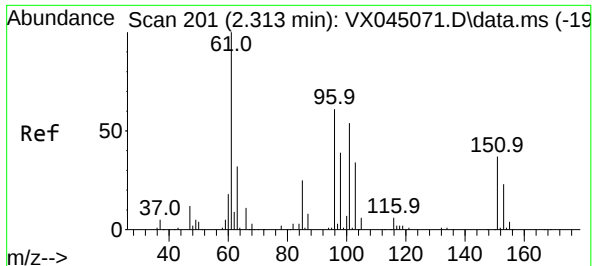
Tgt Ion:101 Resp: 81927
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.1 78.1



#8
 Diethyl Ether
 Concen: 46.560 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Tgt Ion: 74 Resp: 27732
 Ion Ratio Lower Upper
 74 100
 45 107.8 51.5 154.5

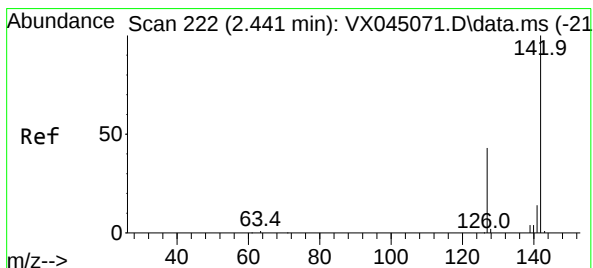
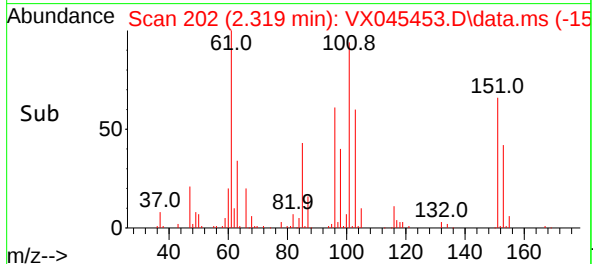
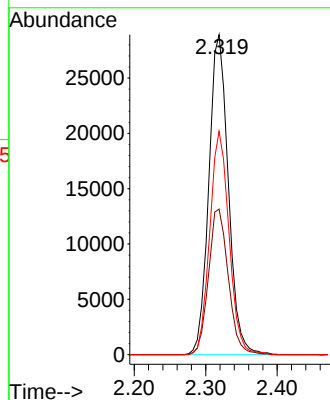
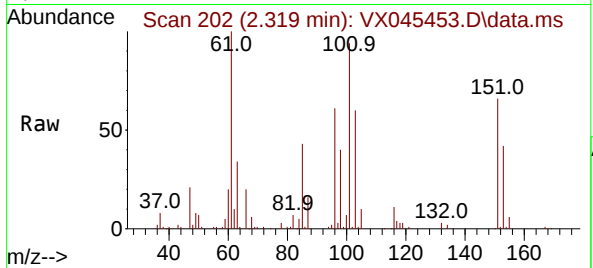




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.511 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045453.D
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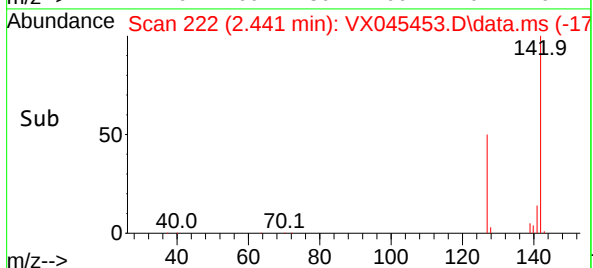
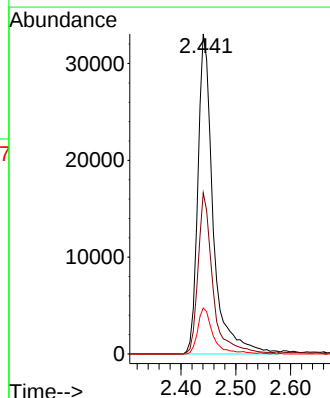
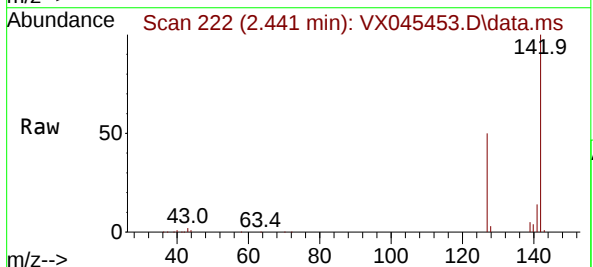
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

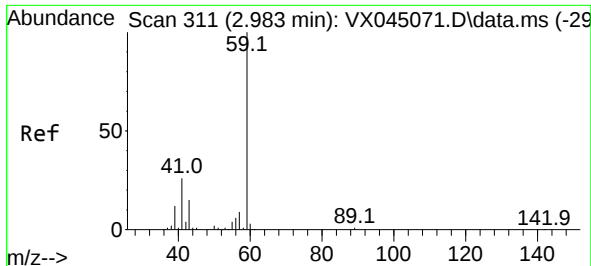
Tgt Ion:101 Resp: 54689
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 69.4 56.4 84.6



#10
Methyl Iodide
Concen: 58.943 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:142 Resp: 64444
Ion Ratio Lower Upper
142 100
127 48.5 35.4 53.2
141 14.3 11.6 17.4

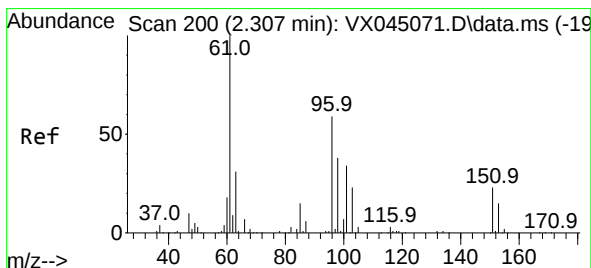
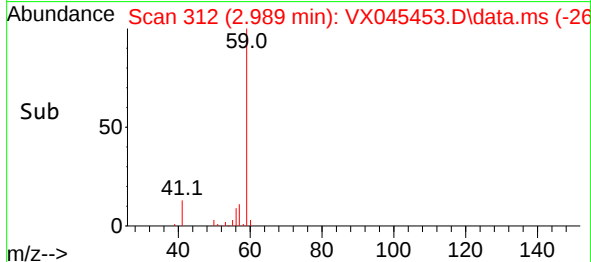
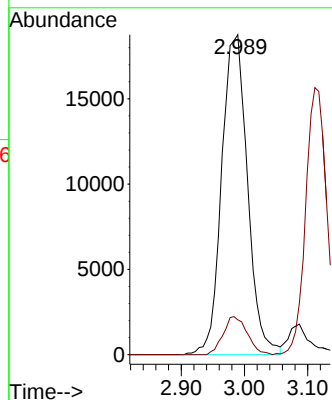
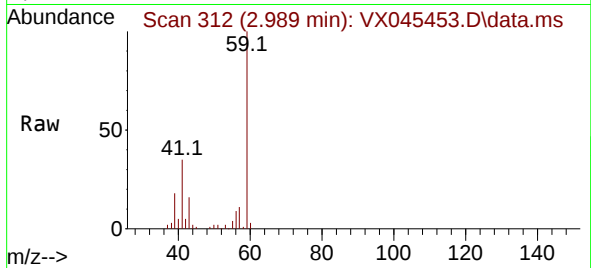




#11
Tert butyl alcohol
Concen: 235.017 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

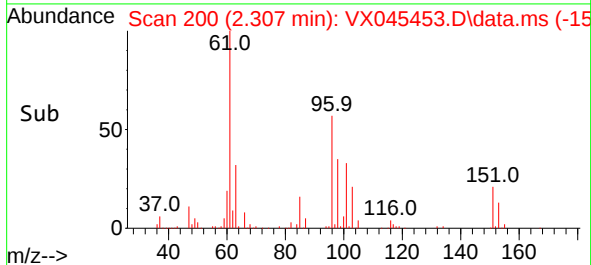
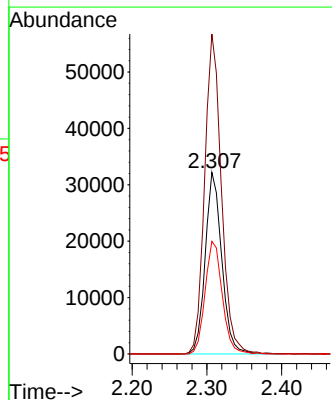
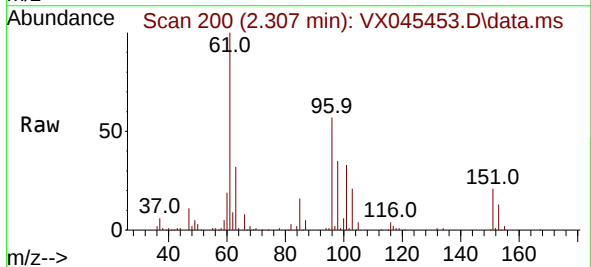
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

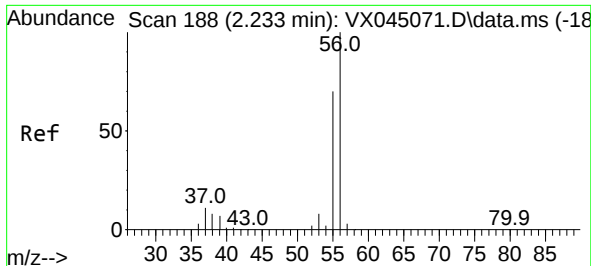
Tgt Ion: 59 Resp: 53301
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 53.528 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 96 Resp: 49511
Ion Ratio Lower Upper
96 100
61 176.2 134.6 202.0
98 62.1 51.0 76.6

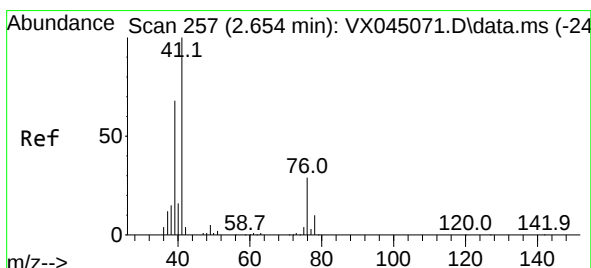
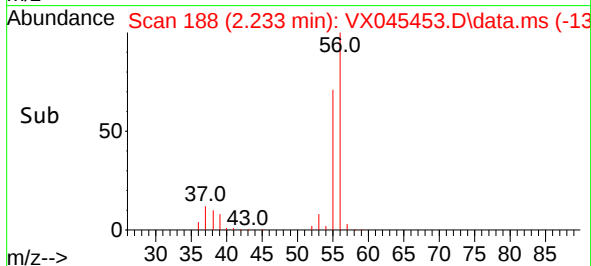
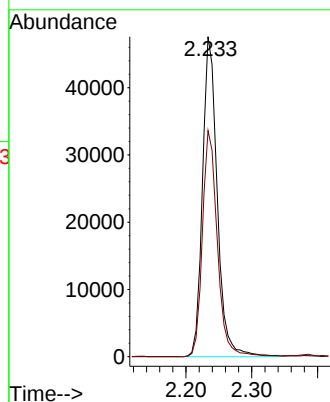
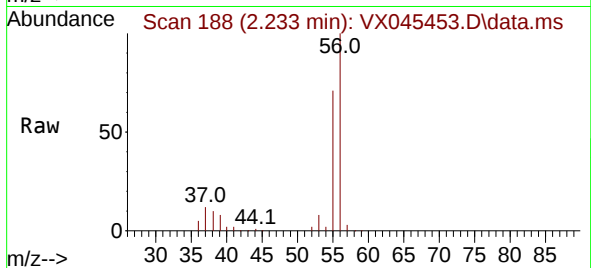




#13
Acrolein
Concen: 282.920 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

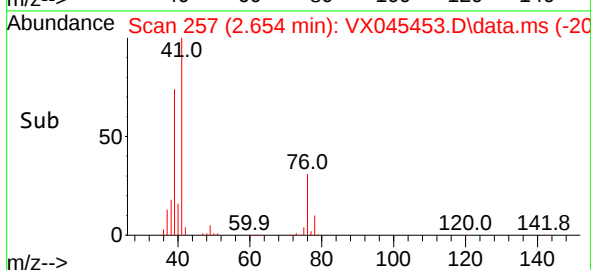
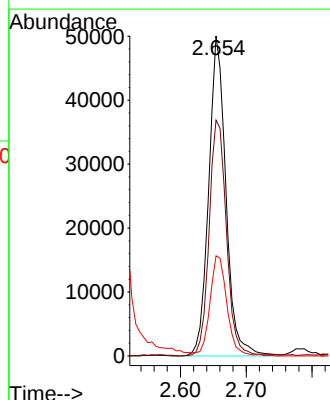
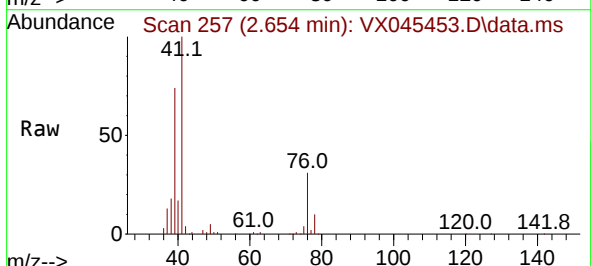
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

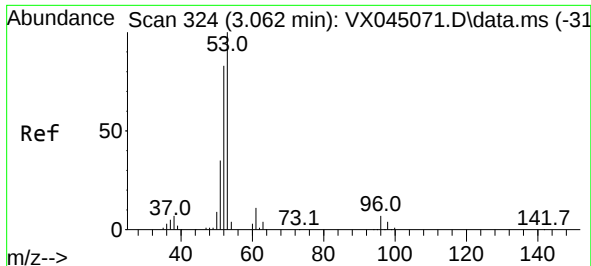
Tgt Ion: 56 Resp: 74173
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.4



#14
Allyl chloride
Concen: 55.544 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 41 Resp: 91452
Ion Ratio Lower Upper
41 100
39 74.3 53.8 80.8
76 30.7 25.2 37.8

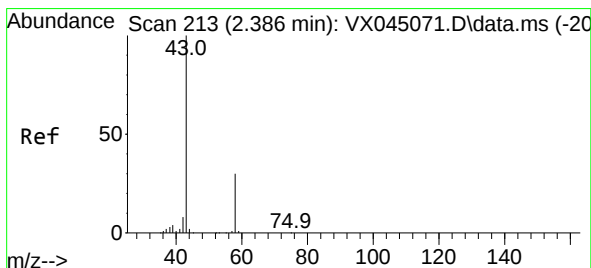
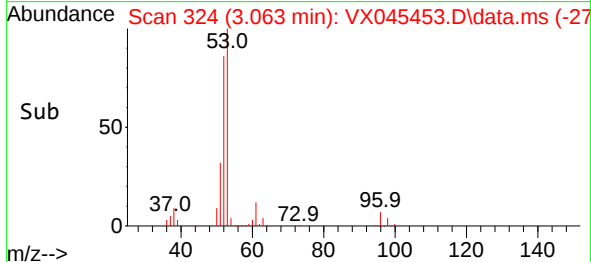
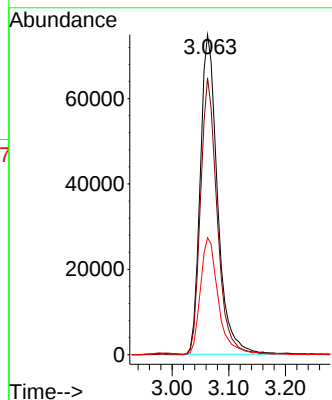
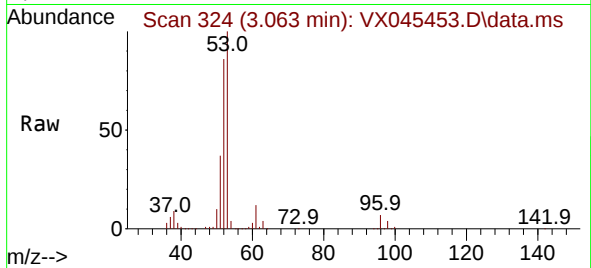




#15
Acrylonitrile
Concen: 260.380 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

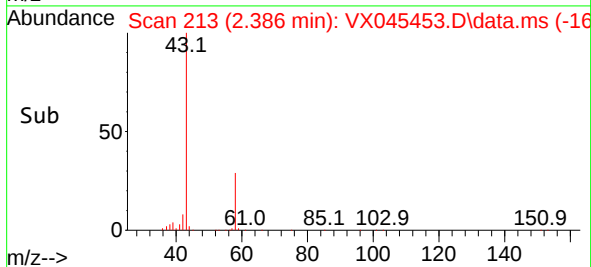
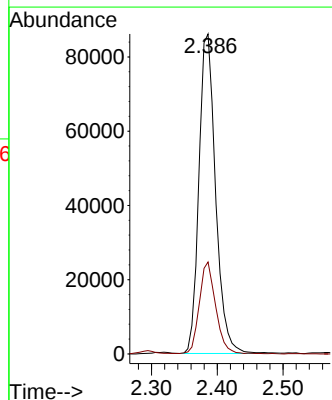
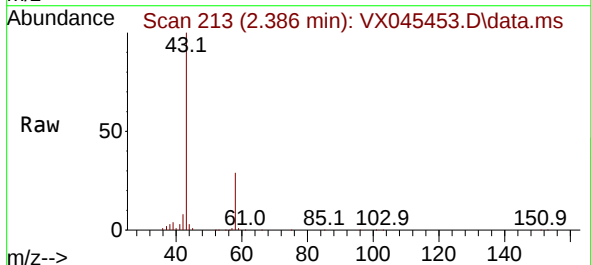
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

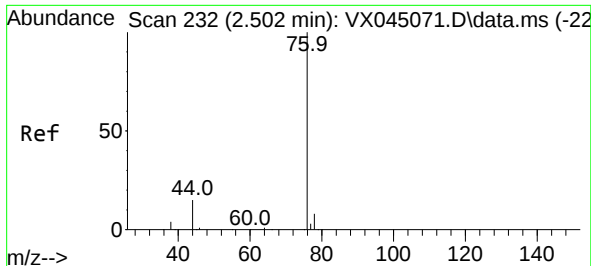
Tgt Ion: 53 Resp: 158269
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 38.0 29.0 43.4



#16
Acetone
Concen: 271.852 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 43 Resp: 151022
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4





#17

Carbon Disulfide

Concen: 47.809 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

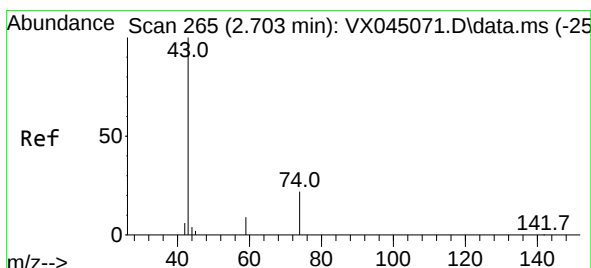
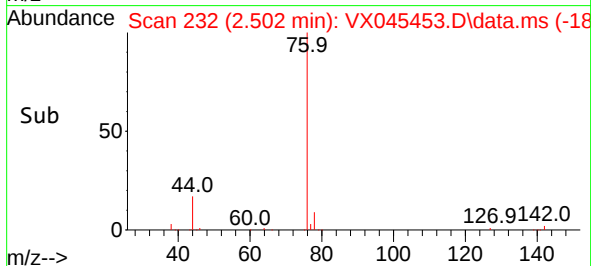
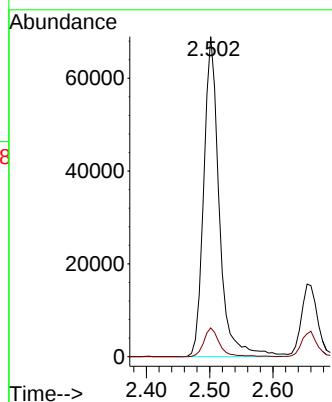
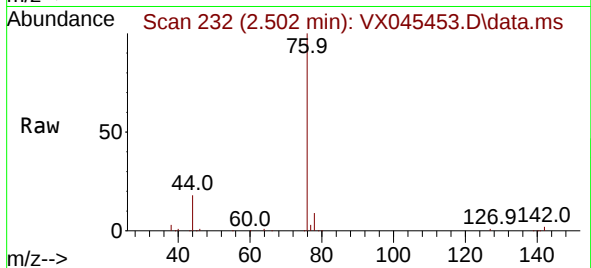
RE132D1-20250318MS

Tgt Ion: 76 Resp: 117782

Ion Ratio Lower Upper

76 100

78 9.0 6.6 9.8



#18

Methyl Acetate

Concen: 46.173 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045453.D

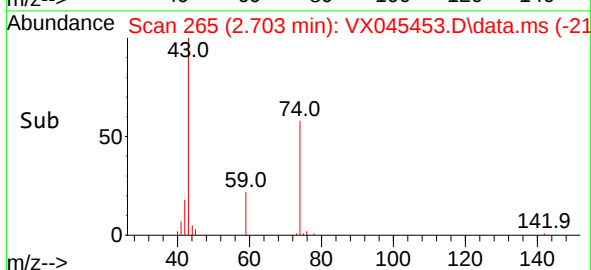
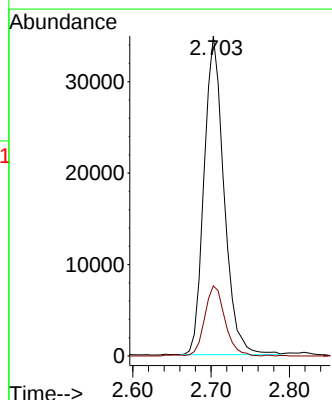
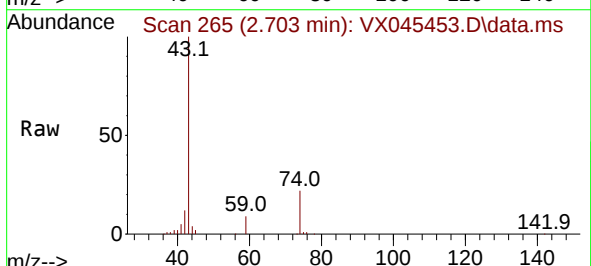
Acq: 25 Mar 2025 20:14

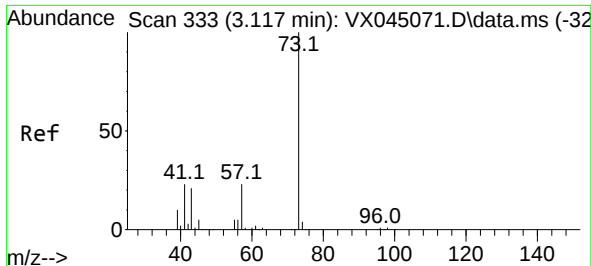
Tgt Ion: 43 Resp: 61707

Ion Ratio Lower Upper

43 100

74 22.5 17.4 26.2

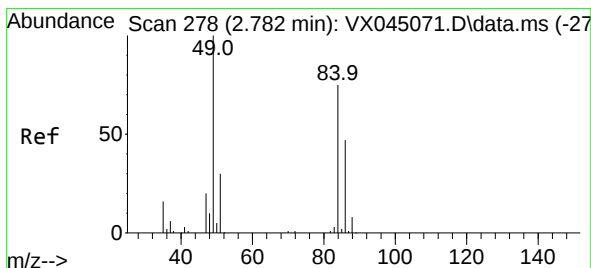
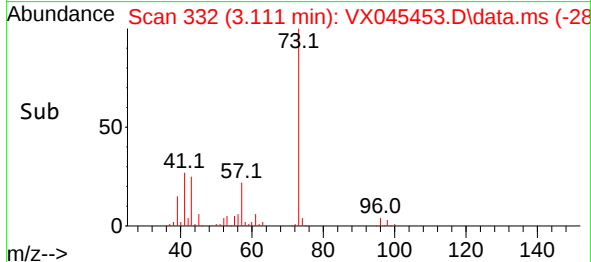
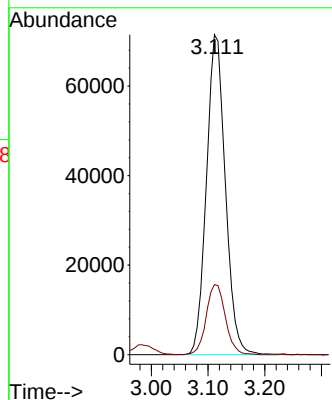
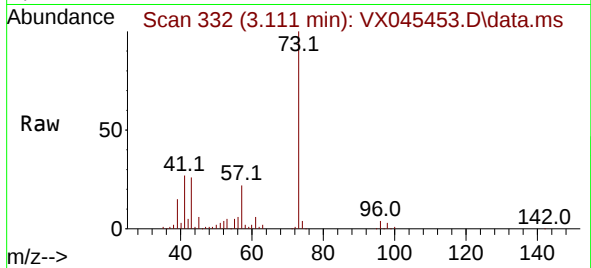




#19
Methyl tert-butyl Ether
Concen: 53.357 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

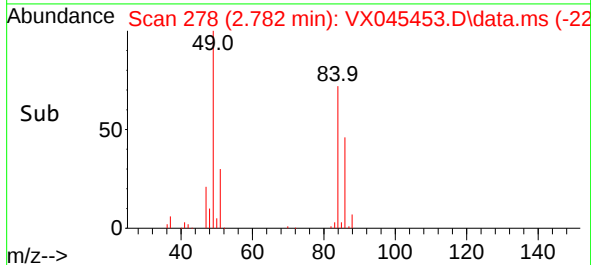
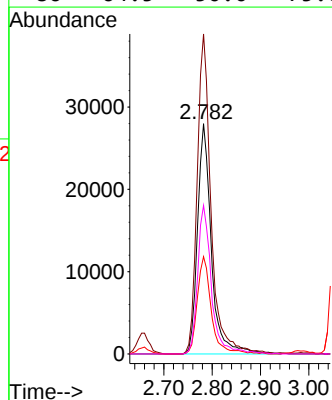
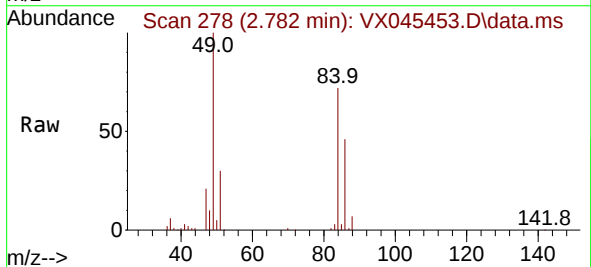
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

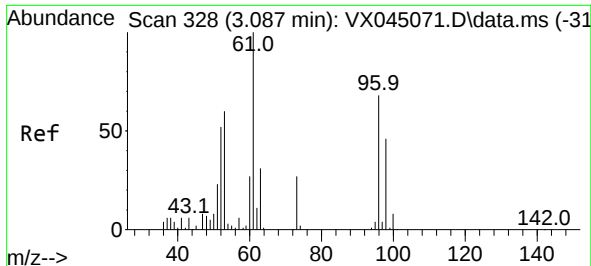
Tgt Ion: 73 Resp: 165578
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 50.565 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 84 Resp: 55644
Ion Ratio Lower Upper
84 100
49 139.0 106.5 159.7
51 42.2 32.1 48.1
86 64.5 50.0 75.0

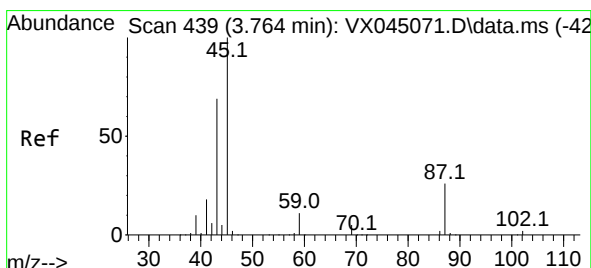
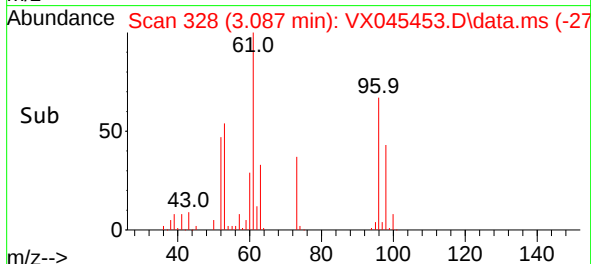
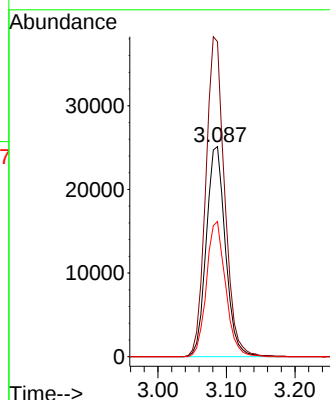
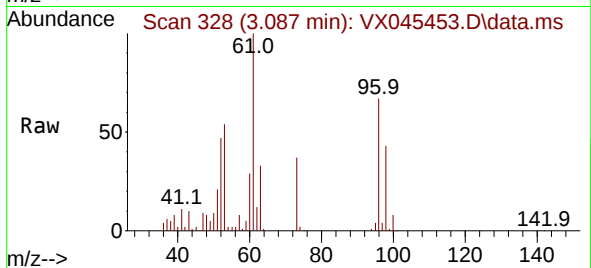




#21
trans-1,2-Dichloroethene
Concen: 53.391 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

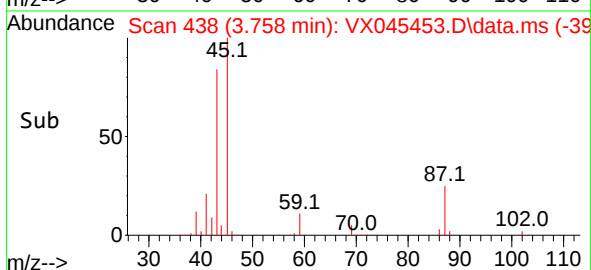
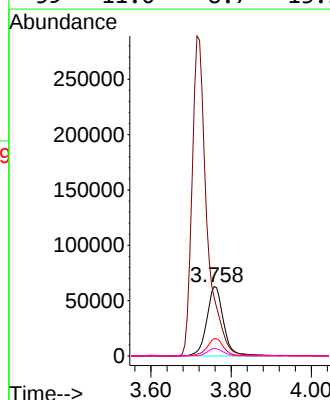
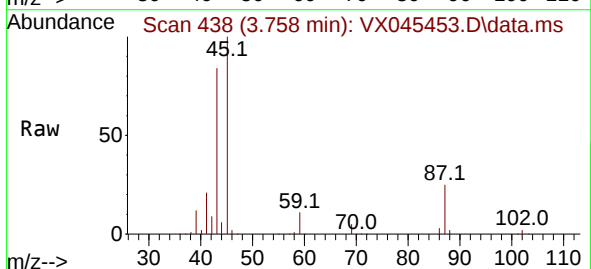
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

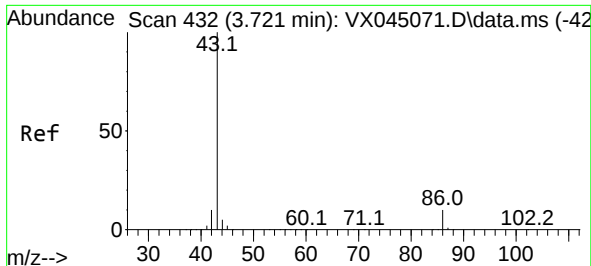
Tgt Ion: 96 Resp: 48788
Ion Ratio Lower Upper
96 100
61 150.0 117.0 175.4
98 64.4 53.4 80.2



#22
Diisopropyl ether
Concen: 53.904 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 45 Resp: 180498
Ion Ratio Lower Upper
45 100
43 83.9 54.9 82.3#
87 25.0 21.0 31.4
59 11.0 8.7 13.1

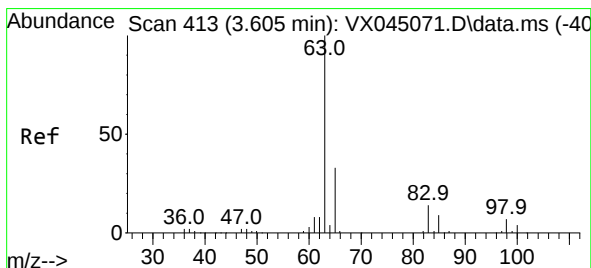
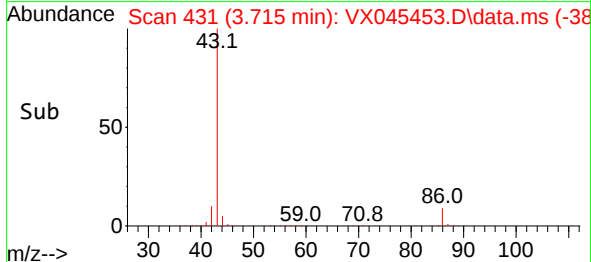
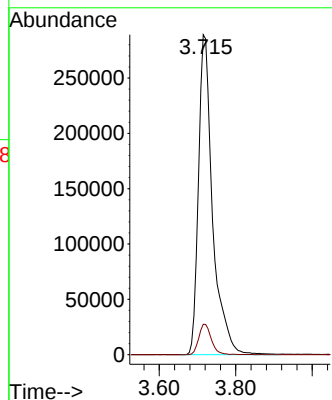
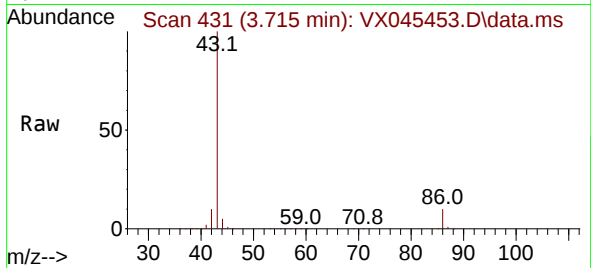




#23
 Vinyl Acetate
 Concen: 265.335 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

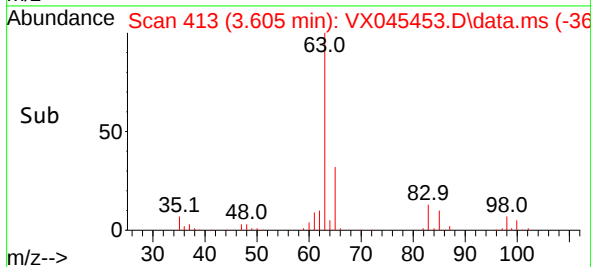
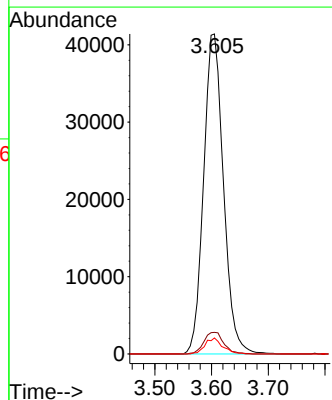
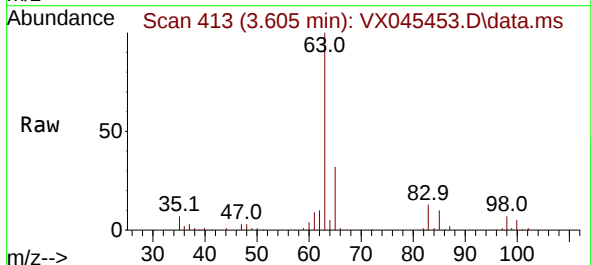
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

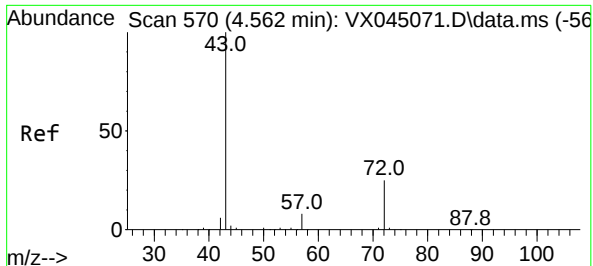
Tgt Ion: 43 Resp: 741441
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 53.681 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Tgt Ion: 63 Resp: 100738
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.0 2.1 6.5

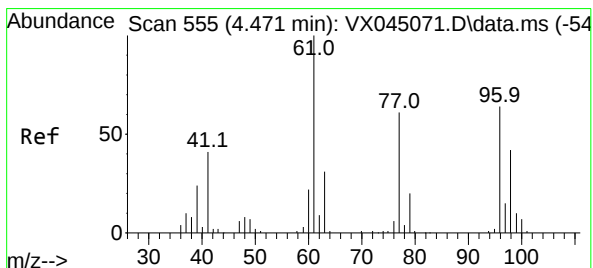
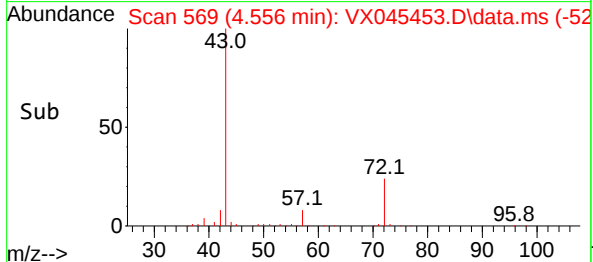
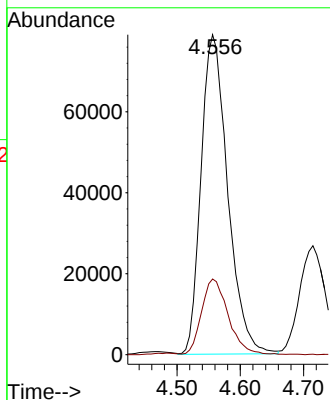
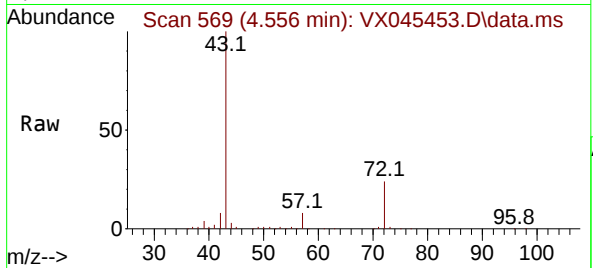




#25
2-Butanone
Concen: 276.752 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

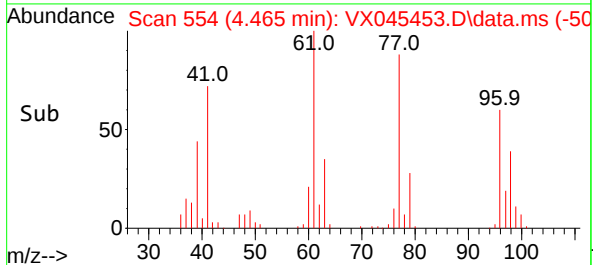
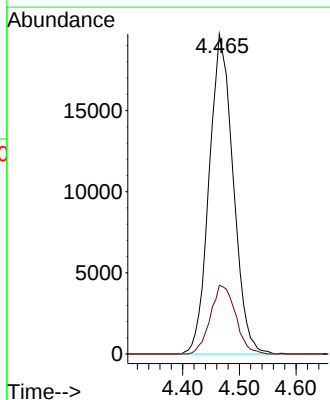
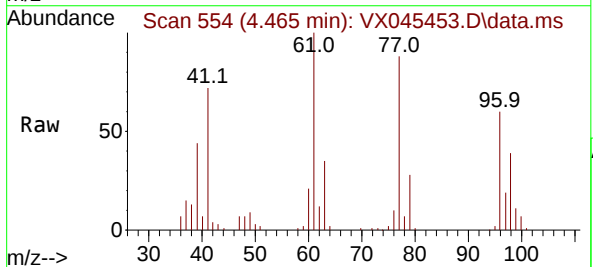
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

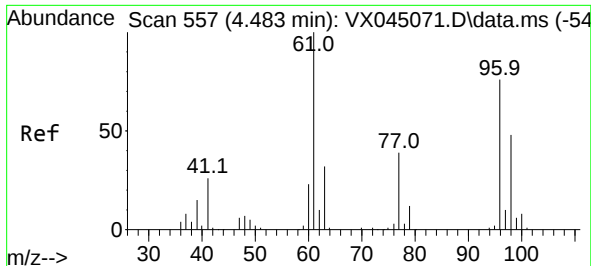
Tgt Ion: 43 Resp: 231423
Ion Ratio Lower Upper
43 100
72 23.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 66.041 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 77 Resp: 58131
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 54.628 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

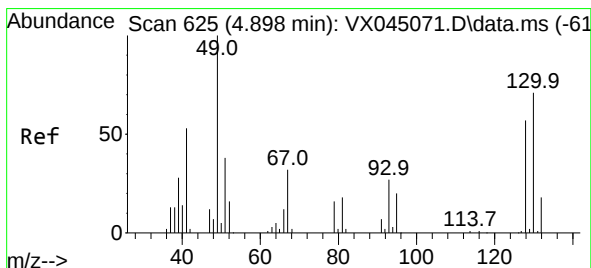
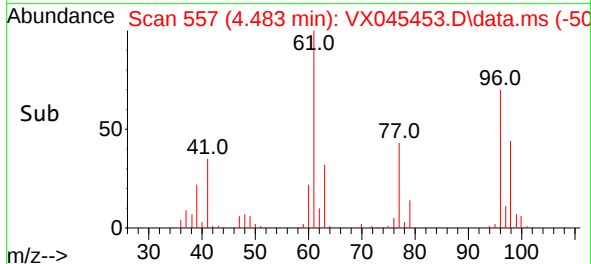
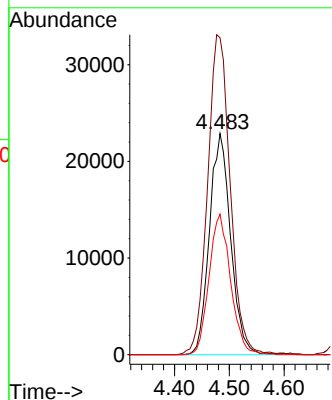
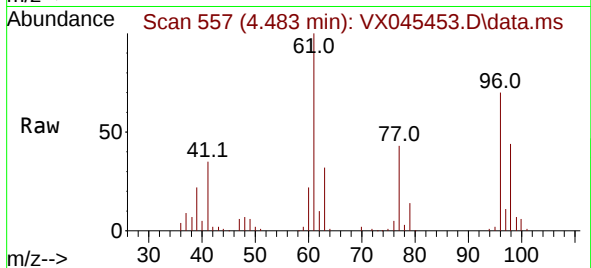
Tgt Ion: 96 Resp: 61622

Ion Ratio Lower Upper

96 100

61 153.4 0.0 283.2

98 64.3 0.0 128.0



#28

Bromochloromethane

Concen: 55.149 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

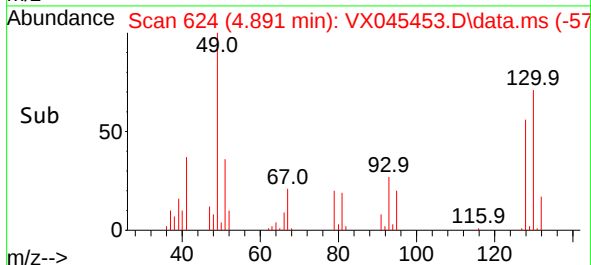
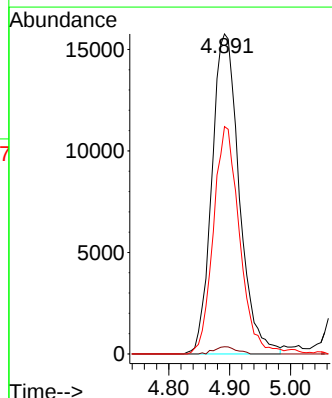
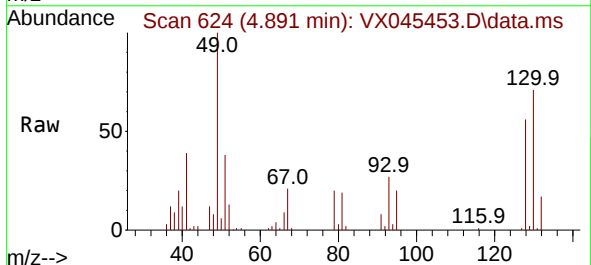
Tgt Ion: 49 Resp: 49330

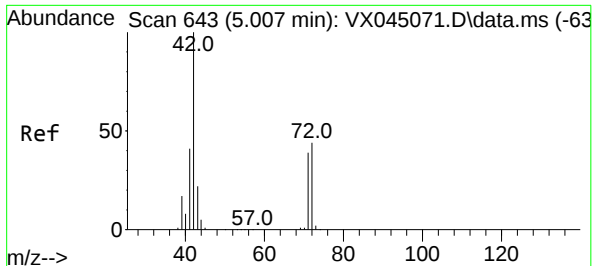
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 67.7 56.1 84.1





#29

Tetrahydrofuran

Concen: 260.824 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

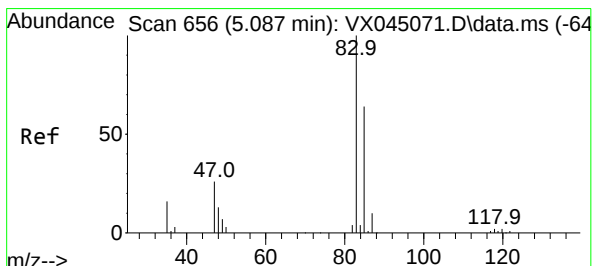
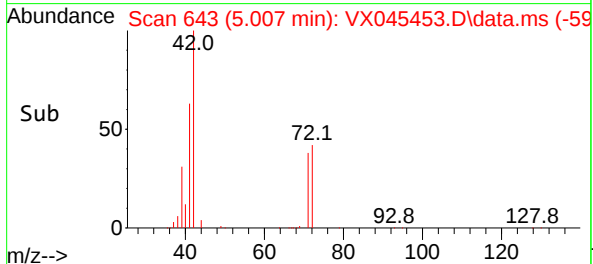
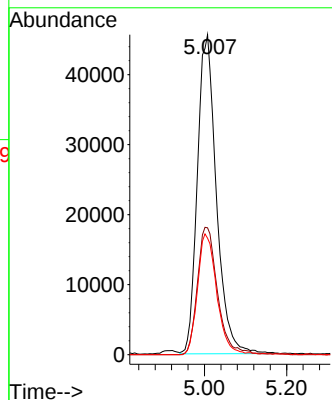
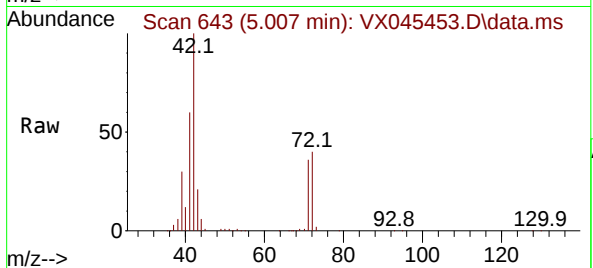
Tgt Ion: 42 Resp: 146468

Ion Ratio Lower Upper

42 100

72 42.2 34.1 51.1

71 38.4 31.4 47.0



#30

Chloroform

Concen: 56.461 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045453.D

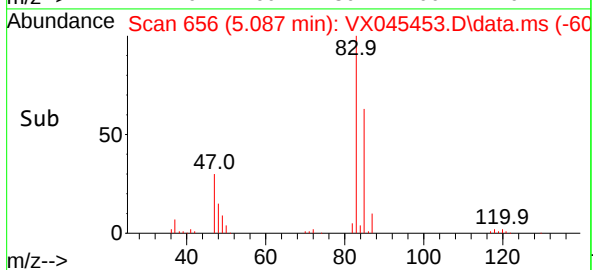
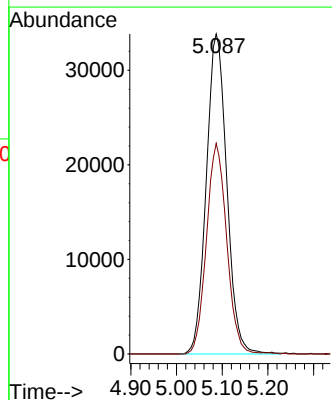
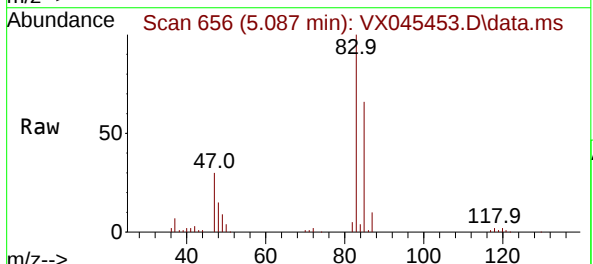
Acq: 25 Mar 2025 20:14

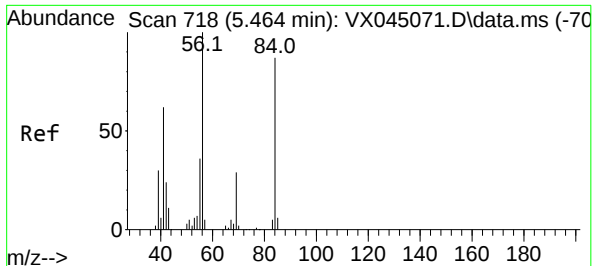
Tgt Ion: 83 Resp: 105279

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.2

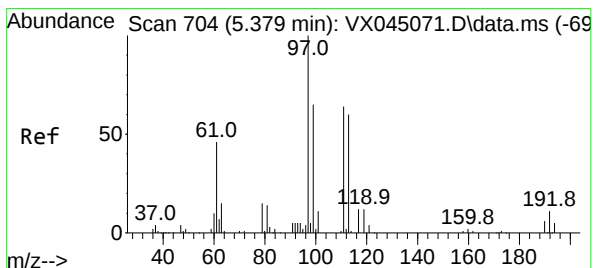
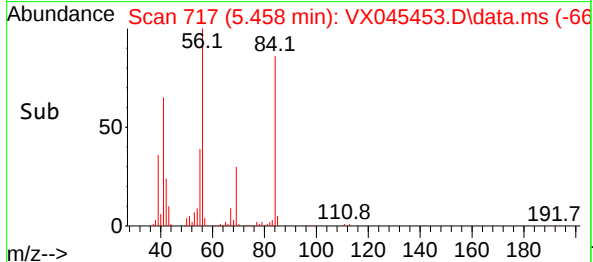
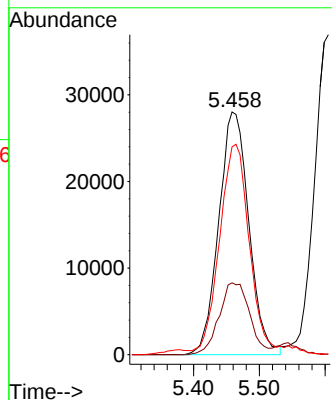
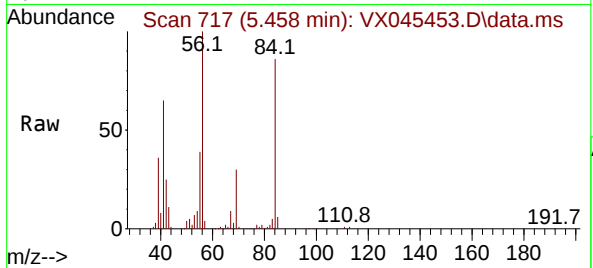




#31
Cyclohexane
Concen: 54.794 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

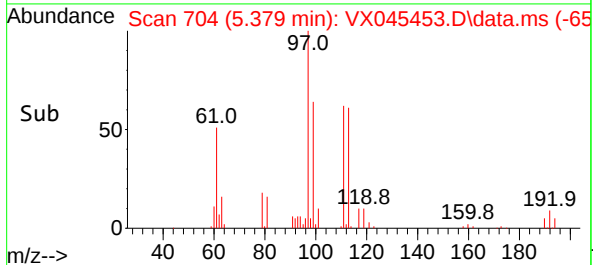
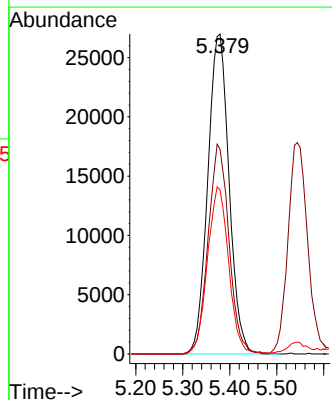
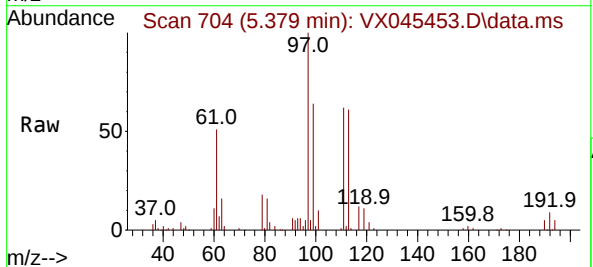
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

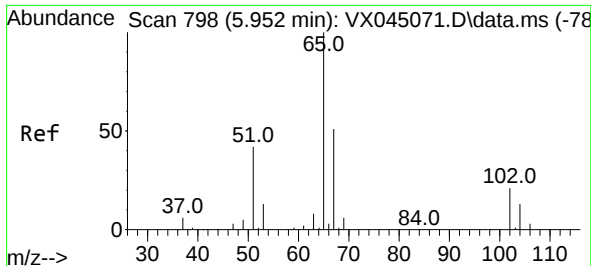
Tgt Ion: 56 Resp: 89260
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 83.5 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 56.368 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 97 Resp: 84889
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 52.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.661 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

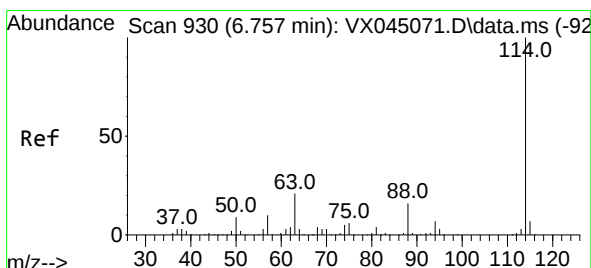
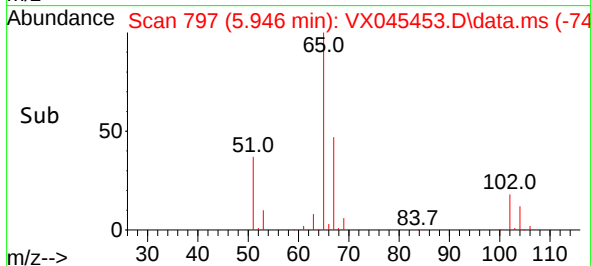
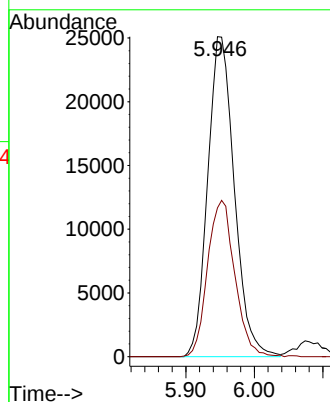
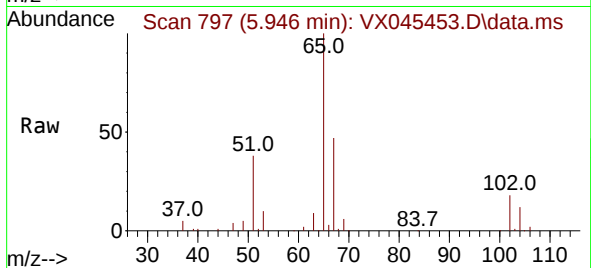
RE132D1-20250318MS

Tgt Ion: 65 Resp: 67843

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

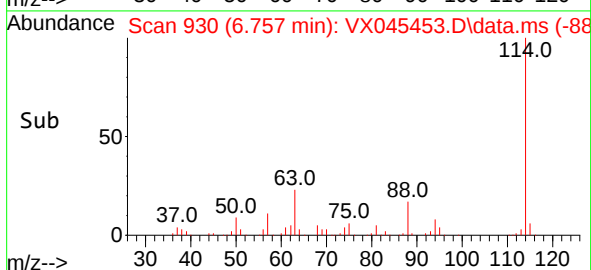
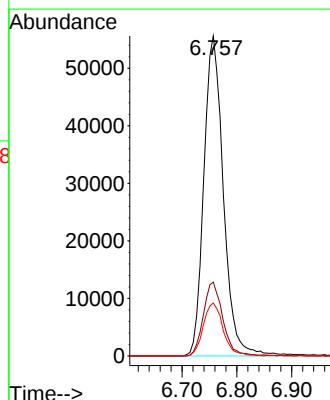
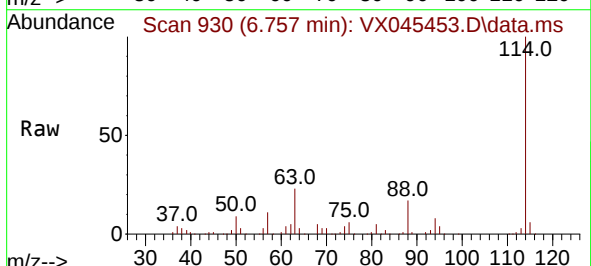
Tgt Ion: 114 Resp: 137526

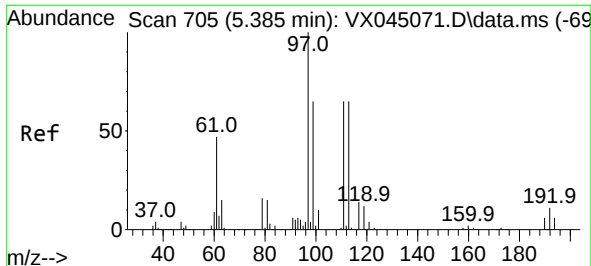
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.6 0.0 32.8

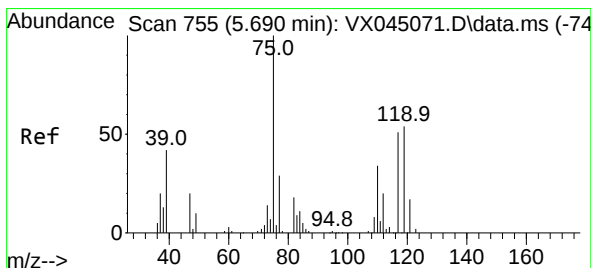
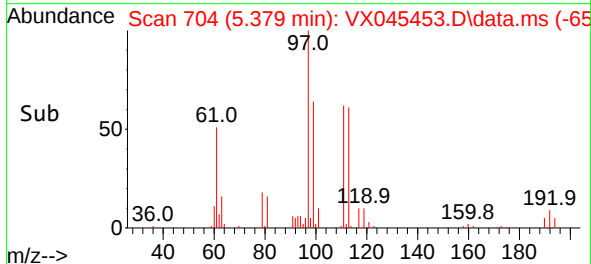
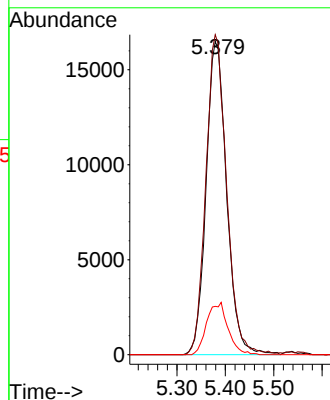
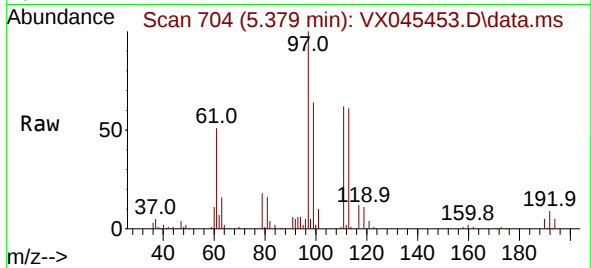




#35
Dibromofluoromethane
Concen: 52.894 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

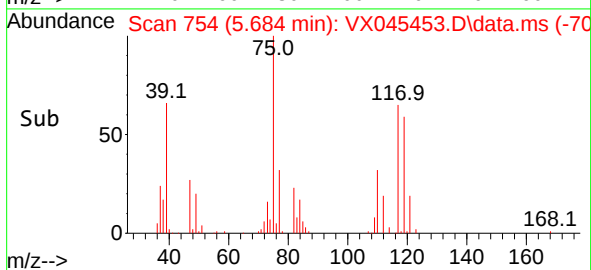
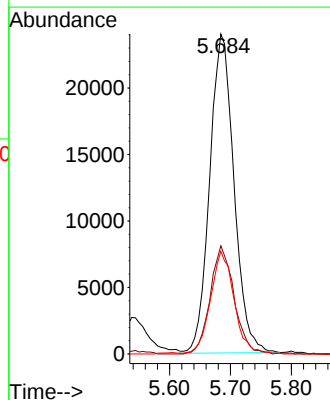
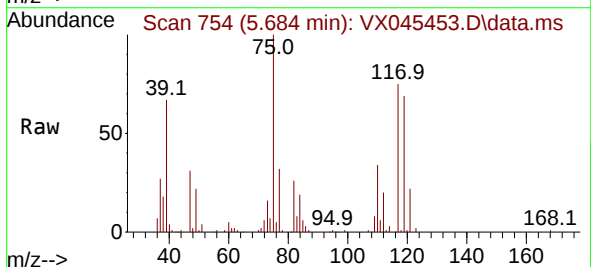
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

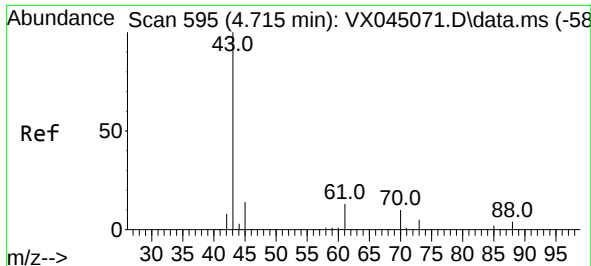
Tgt Ion:113 Resp: 48641
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 52.811 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 75 Resp: 66602
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 31.2 24.5 36.7

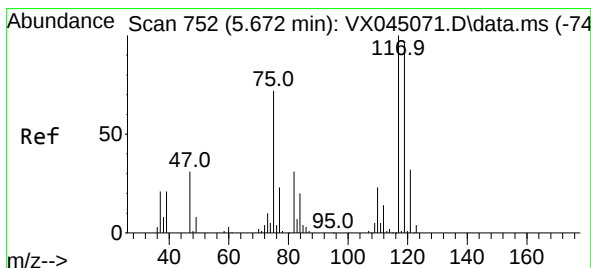
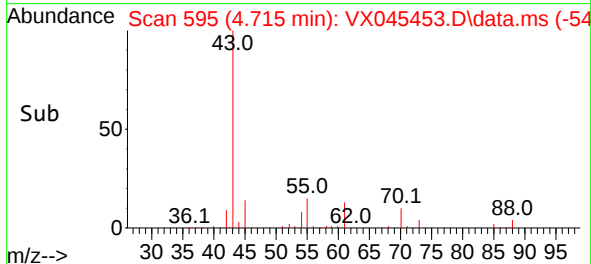
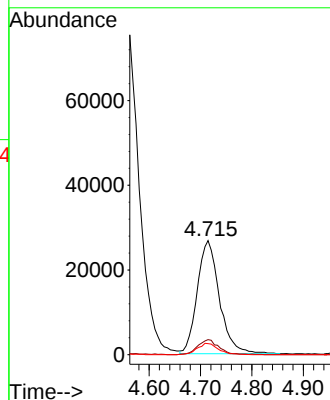
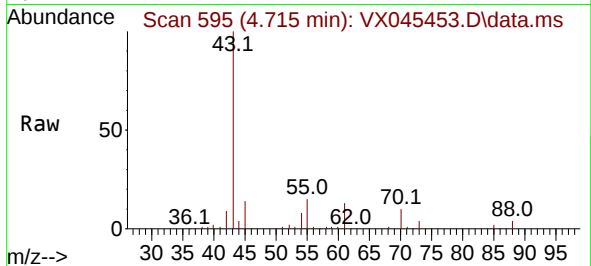




#37
Ethyl Acetate
Concen: 49.380 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

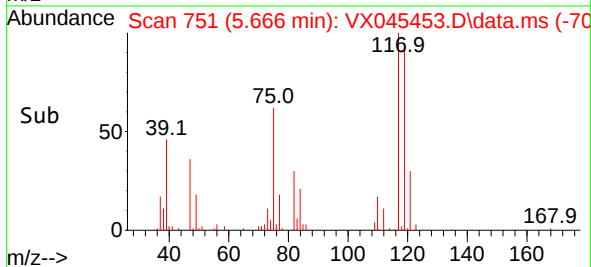
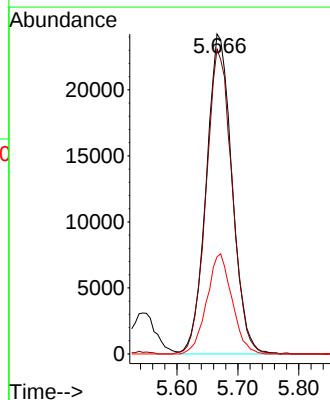
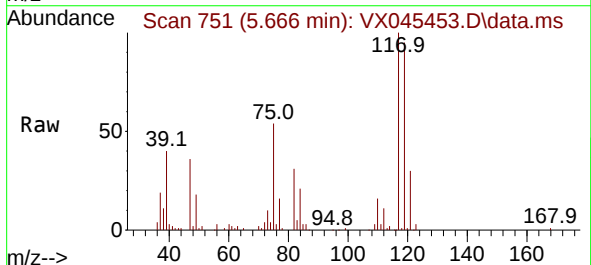
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

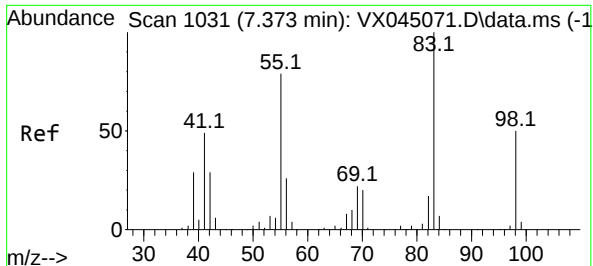
Tgt Ion: 43 Resp: 80246
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 55.555 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 117 Resp: 71130
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 30.4 25.5 38.3

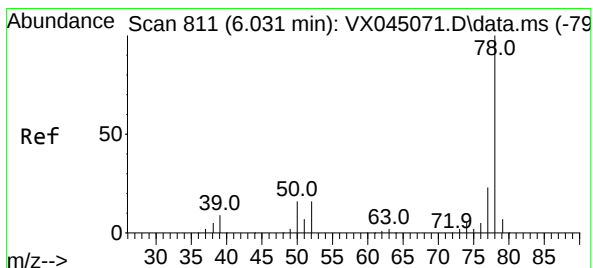
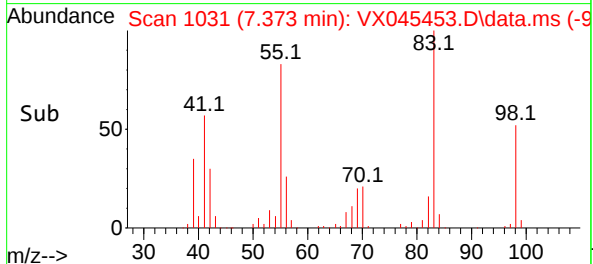
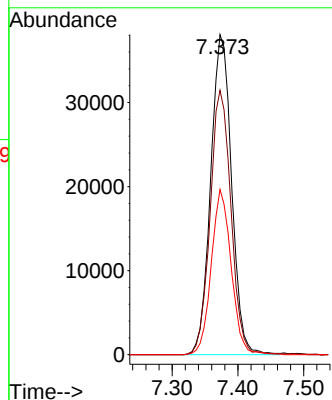
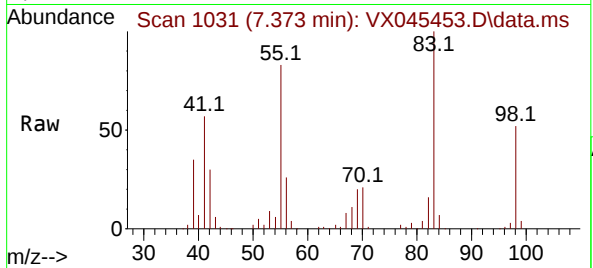




#39
Methylcyclohexane
Concen: 55.840 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

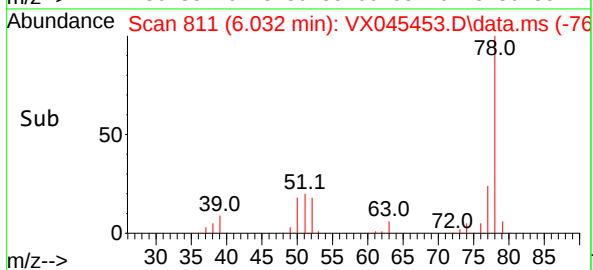
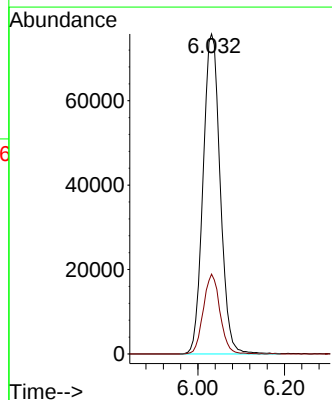
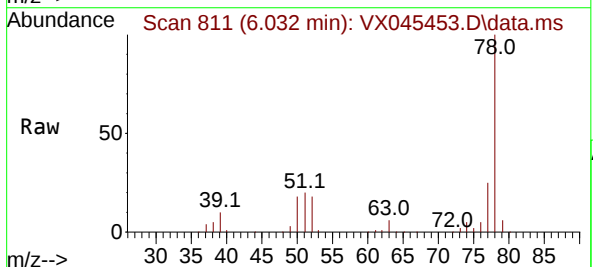
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

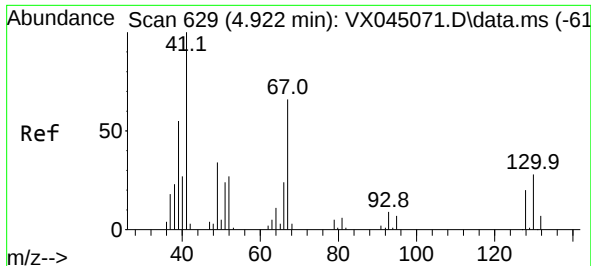
Tgt Ion:	83	Resp:	84382
Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.0	94.4
98	51.6	39.7	59.5



#40
Benzene
Concen: 52.266 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:	78	Resp:	208143
Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.8	28.2

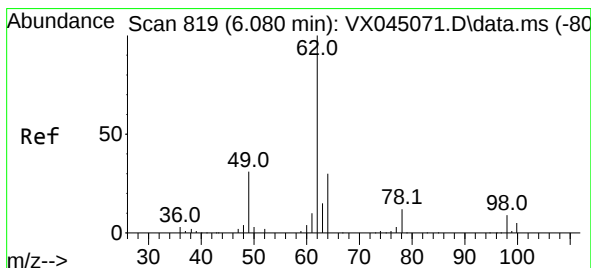
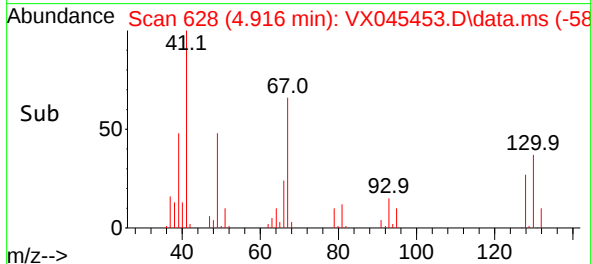
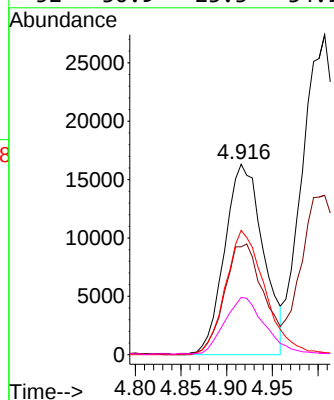
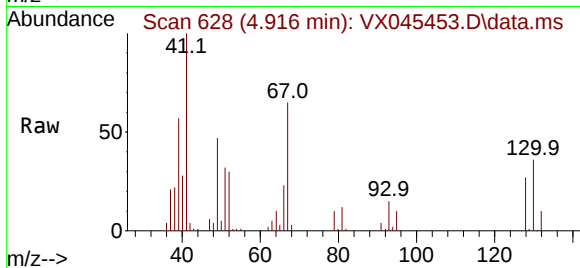




#41
Methacrylonitrile
Concen: 54.658 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

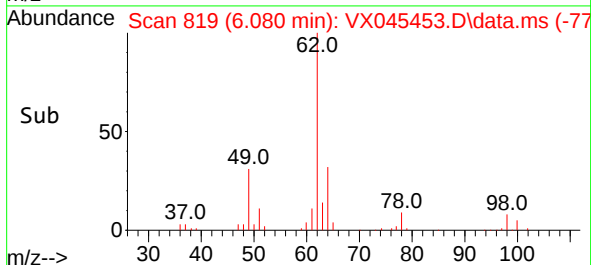
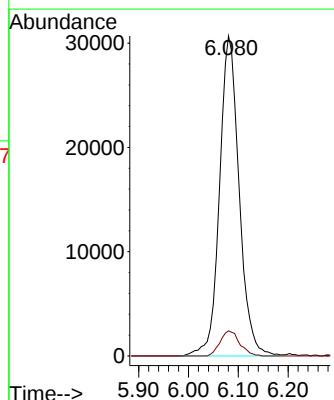
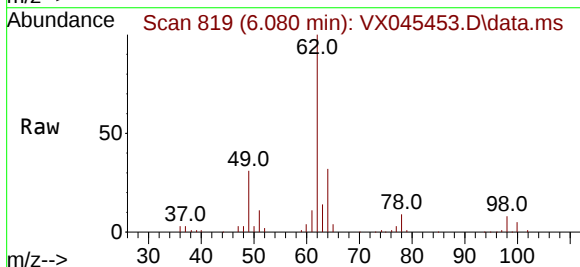
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

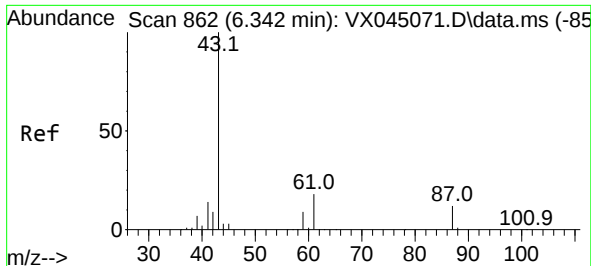
Tgt Ion:	41	Resp:	48028
Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.6	67.0
67	67.3	53.9	80.9
52	30.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 58.431 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:	62	Resp:	83793
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	18.2

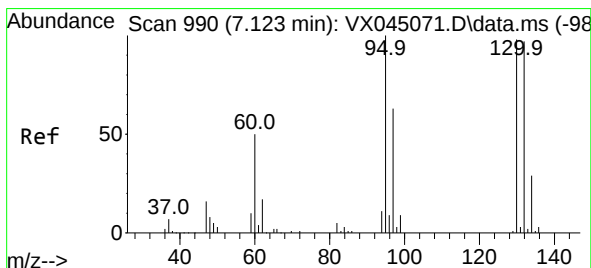
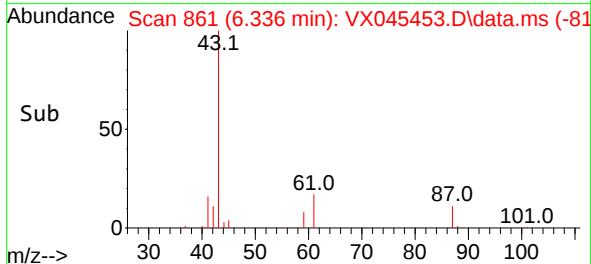
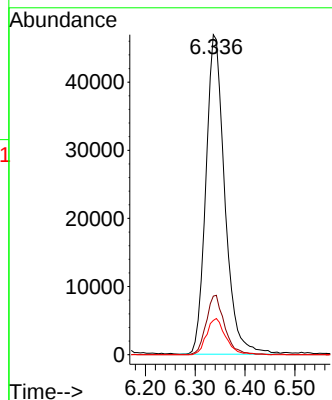
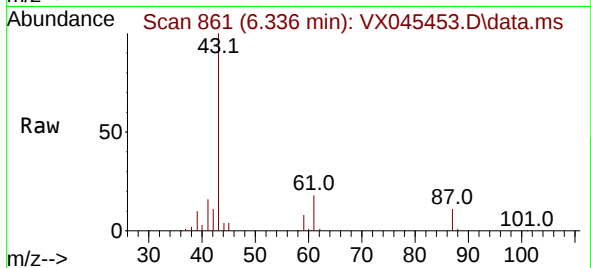




#43
Isopropyl Acetate
Concen: 51.396 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

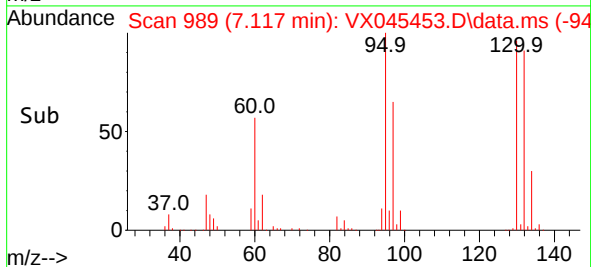
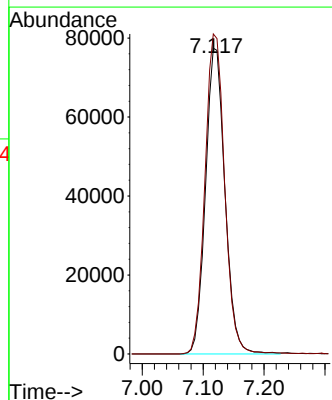
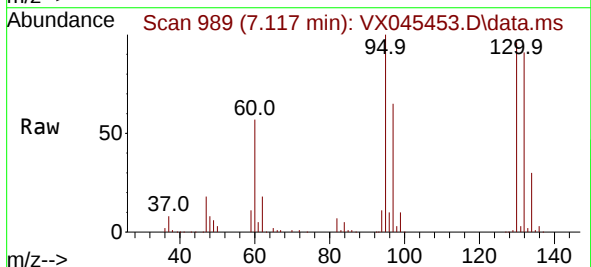
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

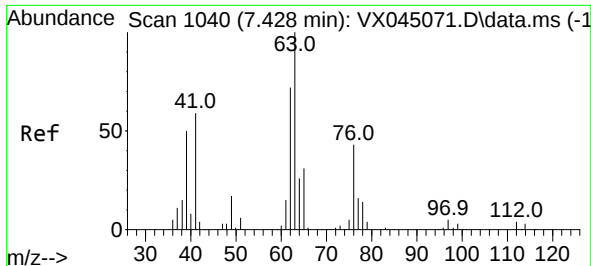
Tgt Ion: 43 Resp: 123504
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 11.4 9.4 14.2



#44
Trichloroethene
Concen: 183.571 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:130 Resp: 171657
Ion Ratio Lower Upper
130 100
95 104.7 0.0 205.0

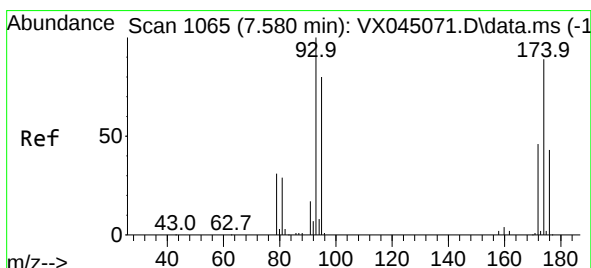
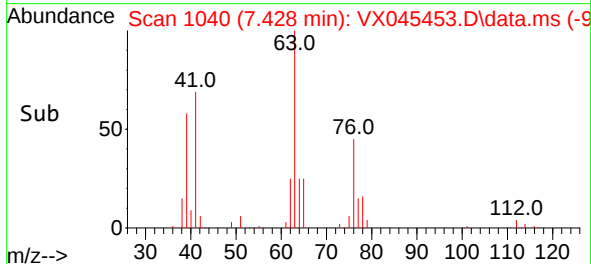
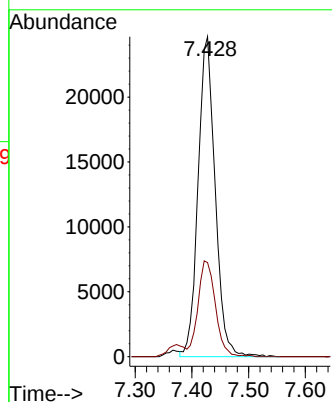
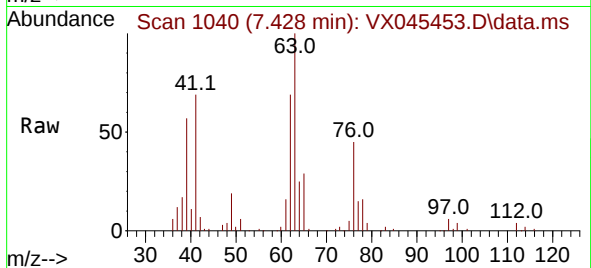




#45
1,2-Dichloropropane
Concen: 50.352 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

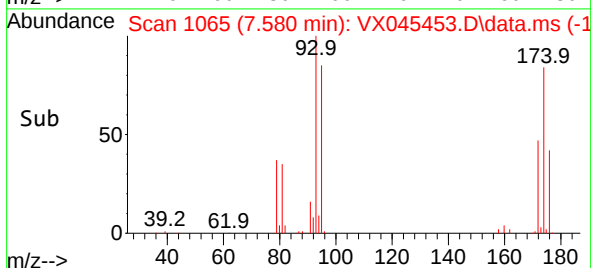
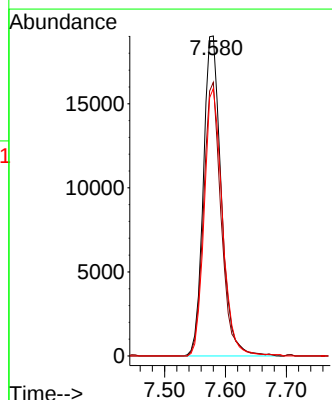
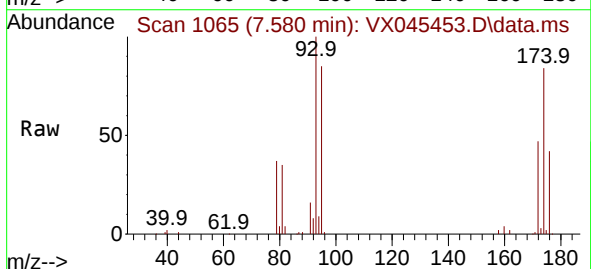
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

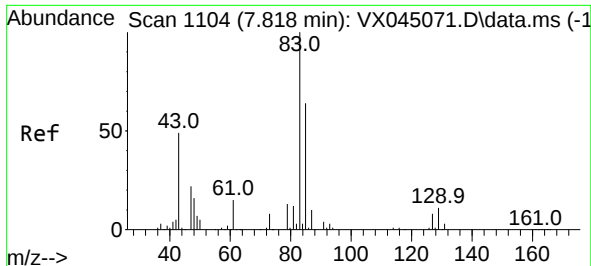
Tgt Ion: 63 Resp: 51556
Ion Ratio Lower Upper
63 100
65 29.4 24.7 37.1



#46
Dibromomethane
Concen: 53.727 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 93 Resp: 38883
Ion Ratio Lower Upper
93 100
95 83.9 65.8 98.8
174 84.8 72.2 108.2

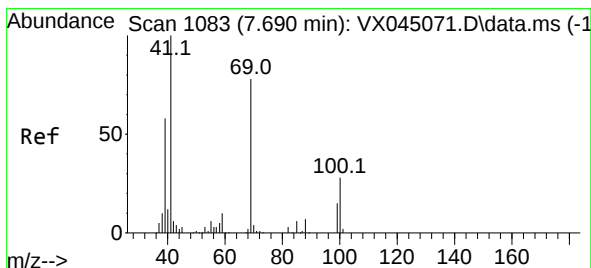
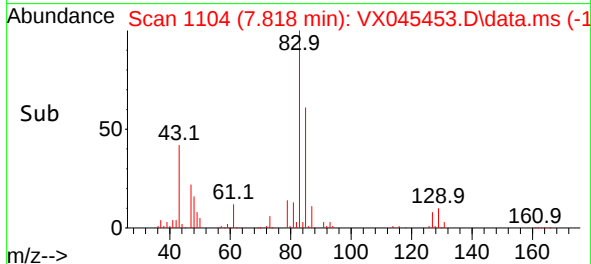
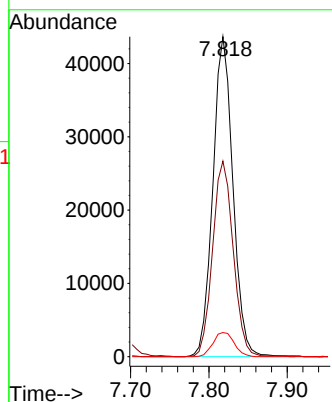
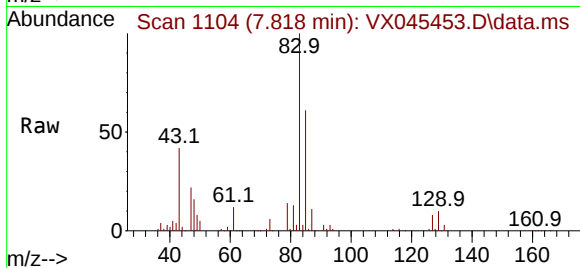




#47
Bromodichloromethane
Concen: 54.707 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

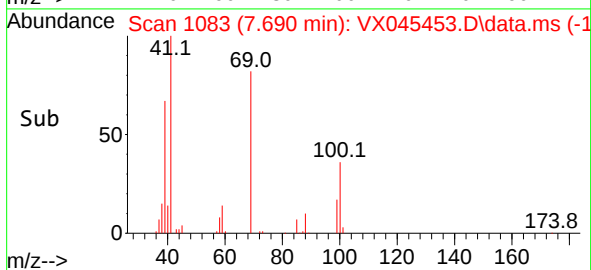
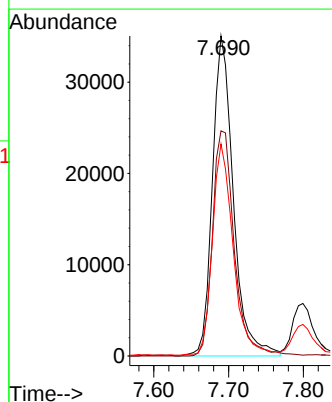
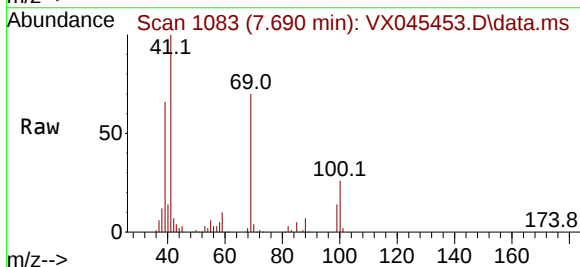
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

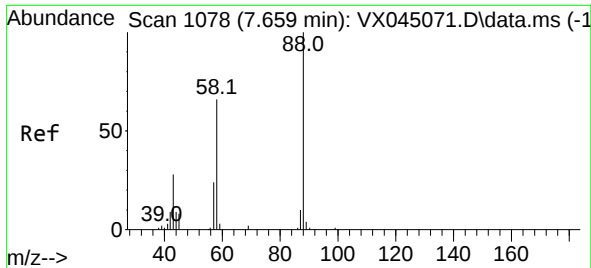
Tgt Ion:	83	Resp:	77659
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.1	76.7
127	7.6	6.4	9.6



#48
Methyl methacrylate
Concen: 56.583 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:	41	Resp:	68214
Ion	Ratio	Lower	Upper
41	100		
69	73.5	63.0	94.6
39	65.6	47.5	71.3

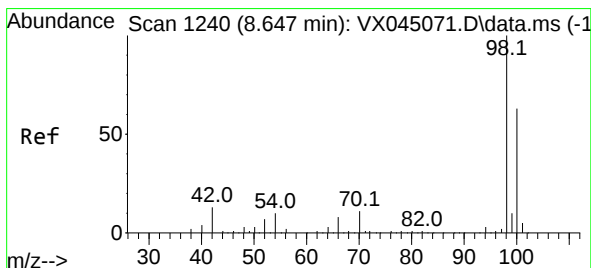
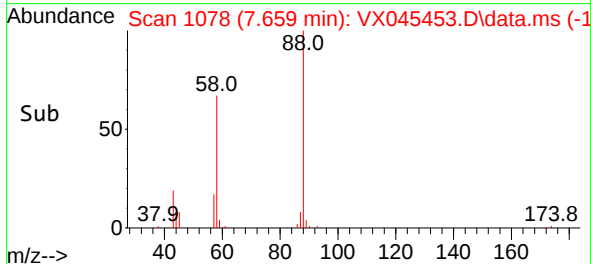
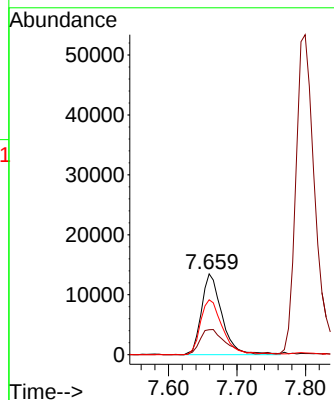
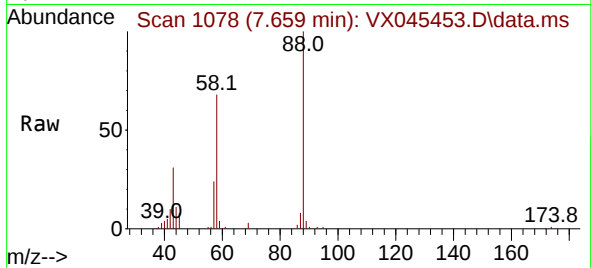




#49
1,4-Dioxane
Concen: 1102.003 ug/l
RT: 7.659 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

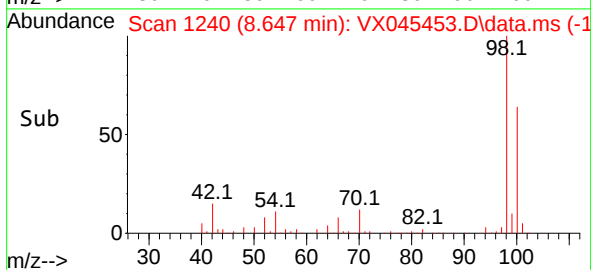
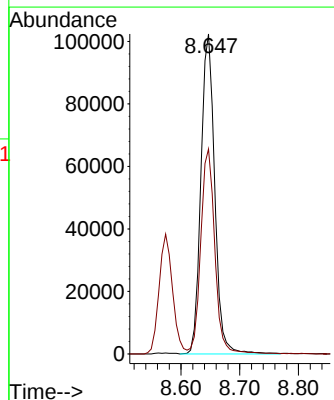
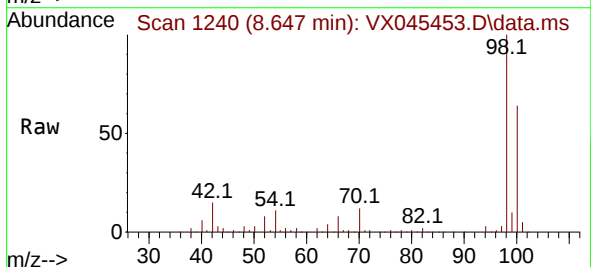
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

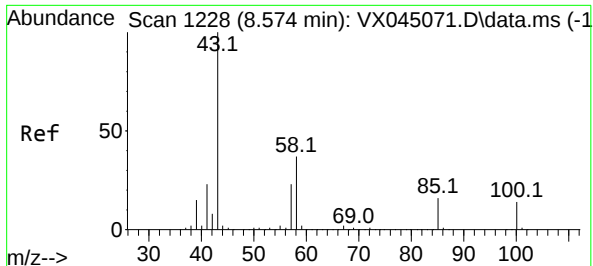
Tgt Ion:	88	Resp:	28024
Ion	Ratio	Lower	Upper
88	100		
43	39.3	28.7	43.1
58	72.2	55.8	83.8



#50
Toluene-d8
Concen: 50.072 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:	98	Resp:	166935
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

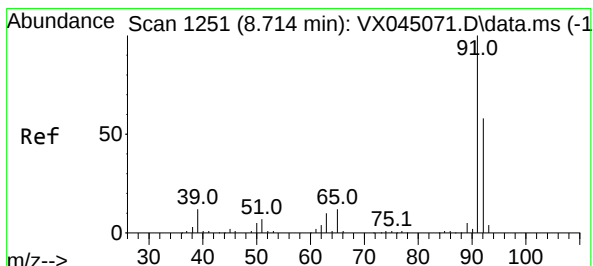
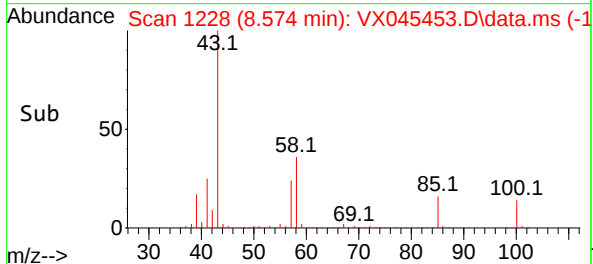
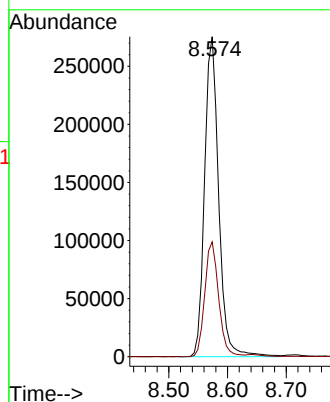
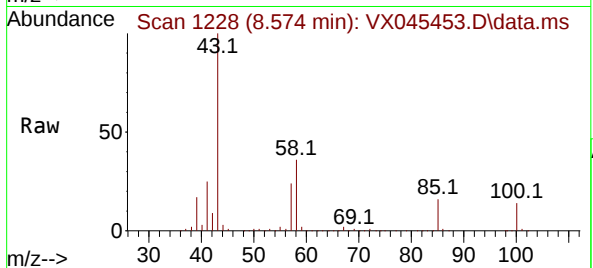




#51
4-Methyl-2-Pentanone
Concen: 284.768 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

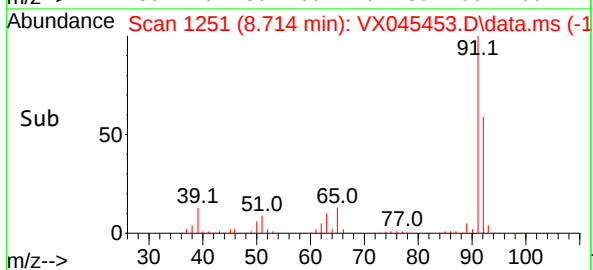
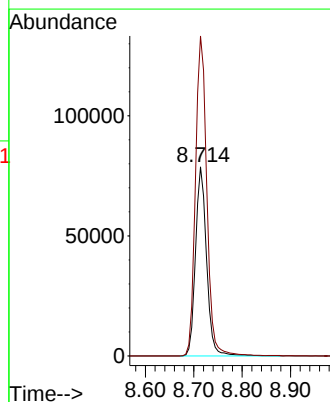
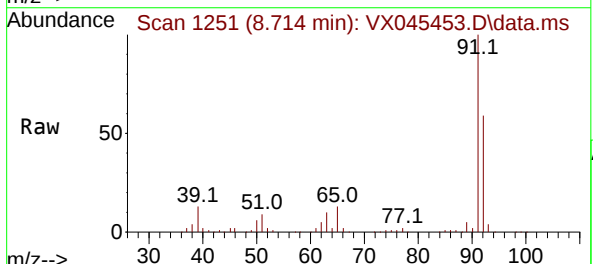
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

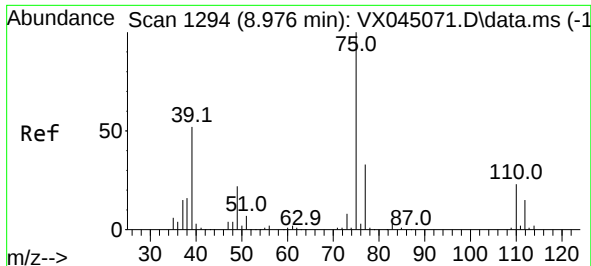
Tgt Ion: 43 Resp: 459467
Ion Ratio Lower Upper
43 100
58 35.4 29.2 43.8



#52
Toluene
Concen: 53.425 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 92 Resp: 124829
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3

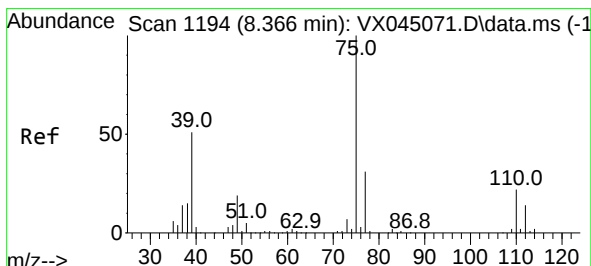
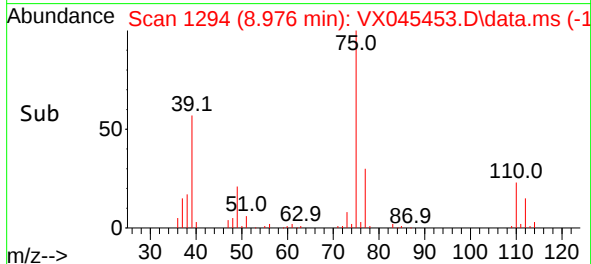
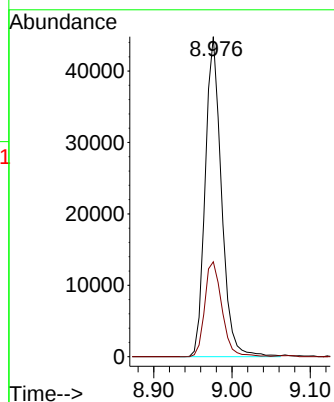
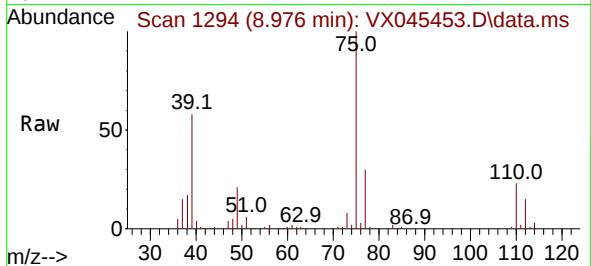




#53
 t-1,3-Dichloropropene
 Concen: 54.408 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

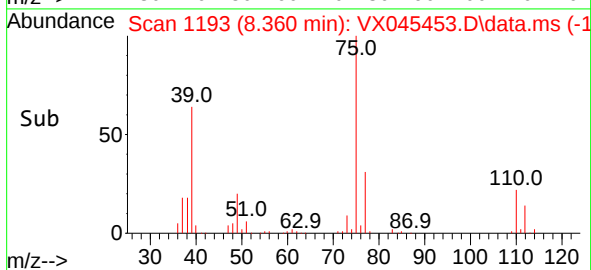
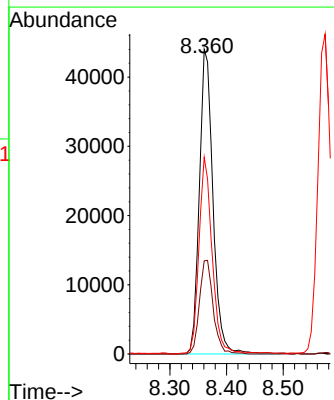
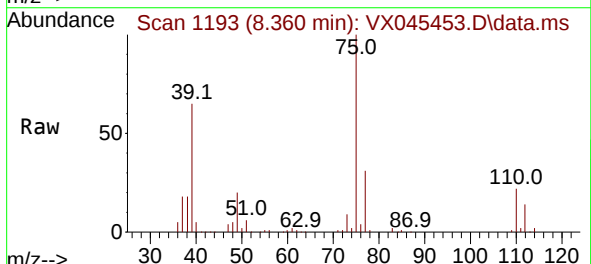
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

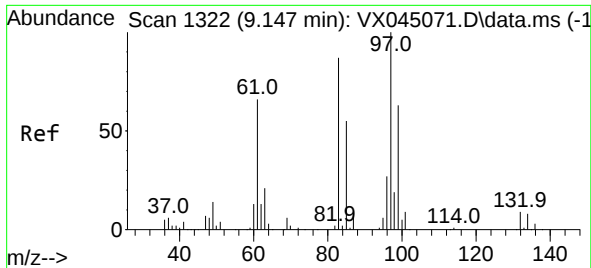
Tgt Ion: 75 Resp: 64569
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.063 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Tgt Ion: 75 Resp: 73432
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.7 37.1
 39 64.4 40.7 61.1#

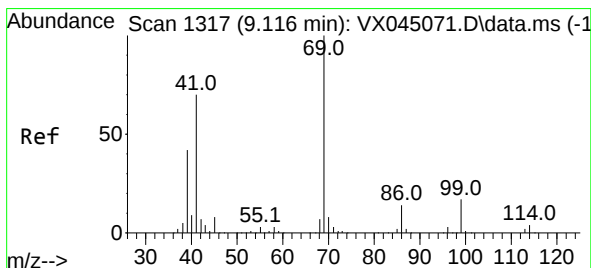
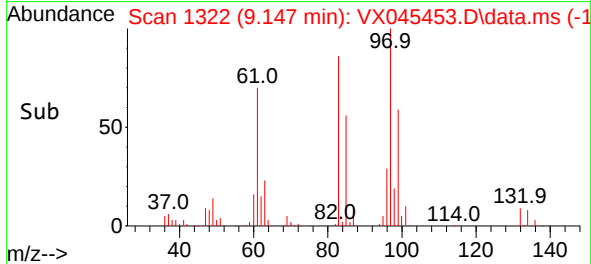
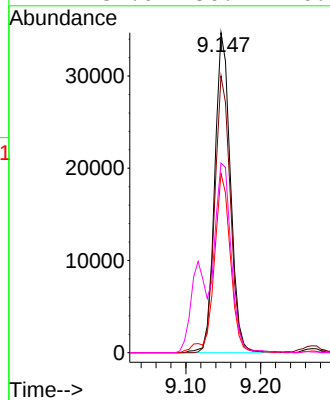
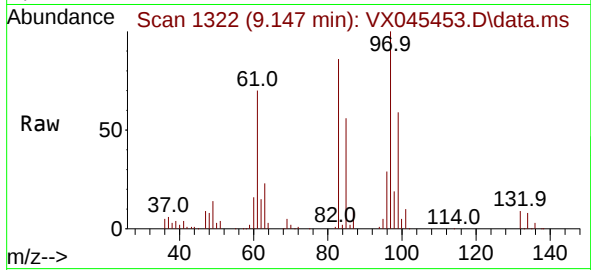




#55
 1,1,2-Trichloroethane
 Concen: 52.881 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

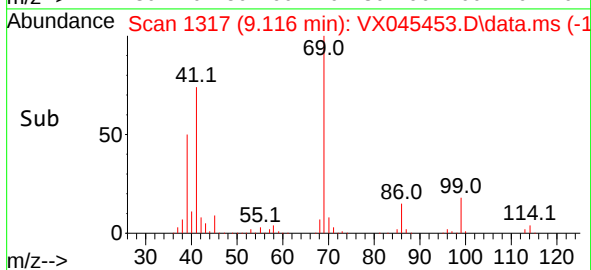
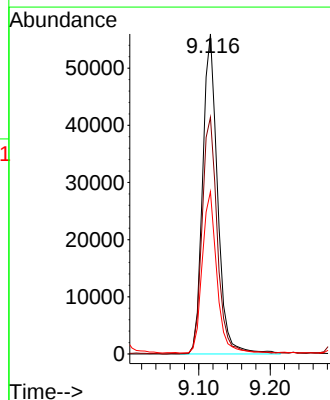
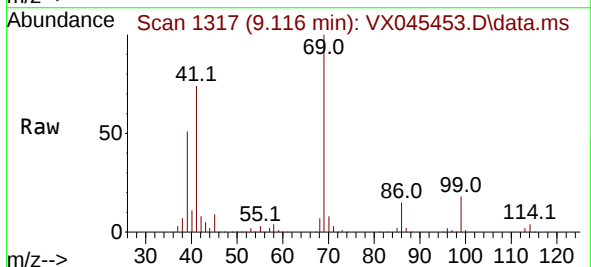
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

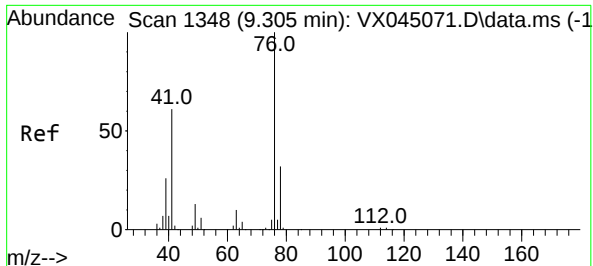
Tgt Ion:	97	Resp:	50866
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.4	104.2
85	56.0	44.1	66.1
99	59.0	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 55.542 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Tgt Ion:	69	Resp:	81211
Ion	Ratio	Lower	Upper
69	100		
41	76.1	57.0	85.4
39	49.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 52.026 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

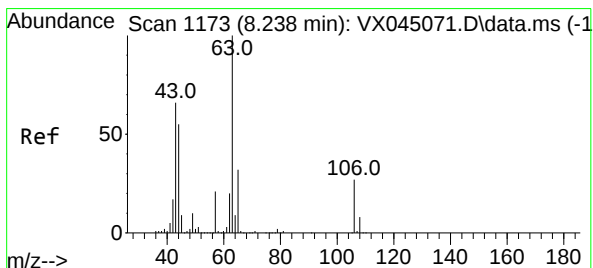
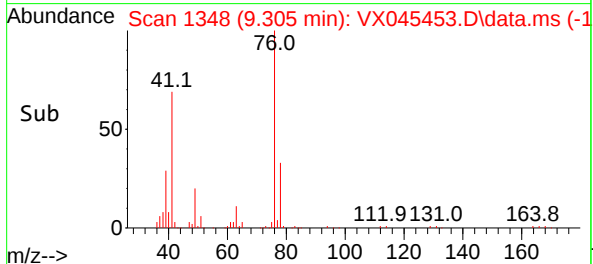
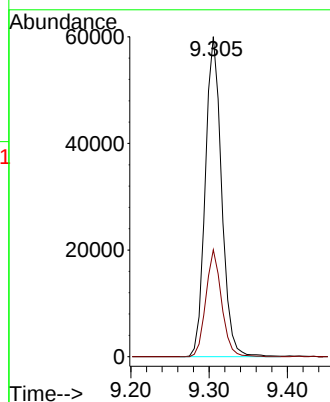
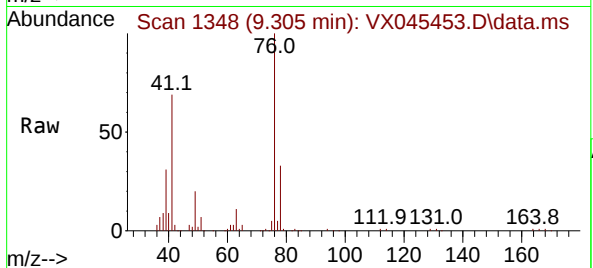
RE132D1-20250318MS

Tgt Ion: 76 Resp: 86605

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 0.212 ug/l

RT: 8.159 min Scan# 1160

Delta R.T. -0.079 min

Lab File: VX045453.D

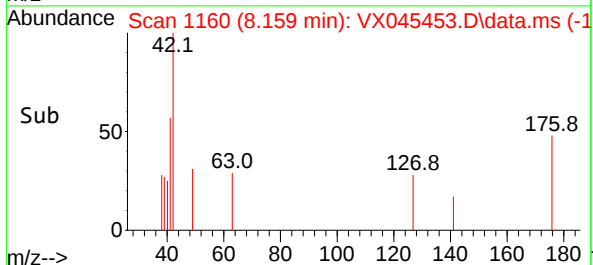
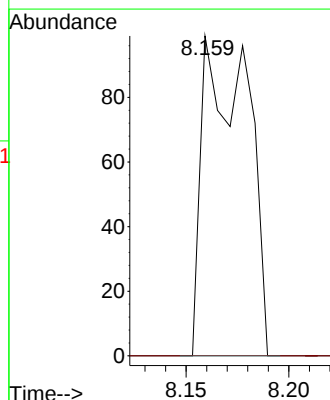
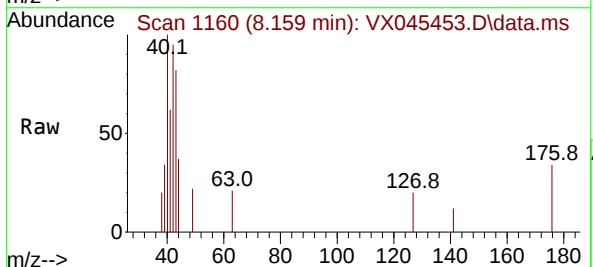
Acq: 25 Mar 2025 20:14

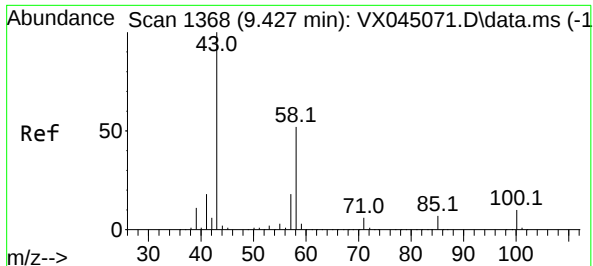
Tgt Ion: 63 Resp: 151

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#

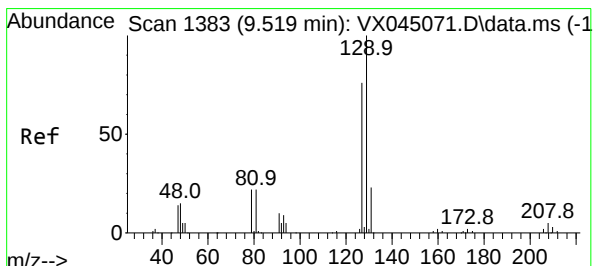
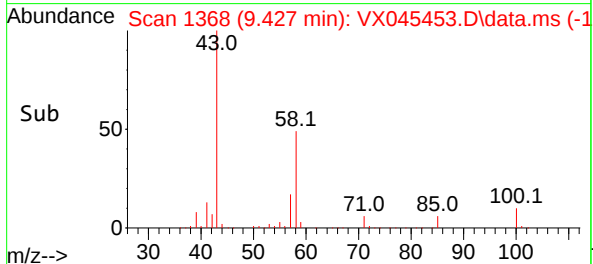
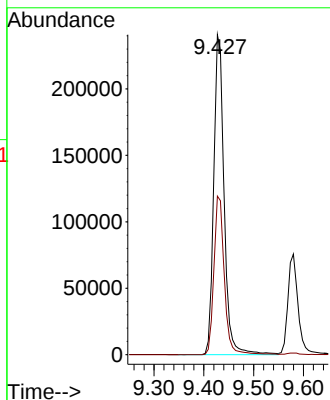
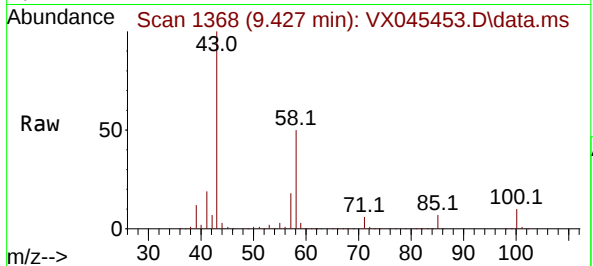




#59
2-Hexanone
Concen: 297.997 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

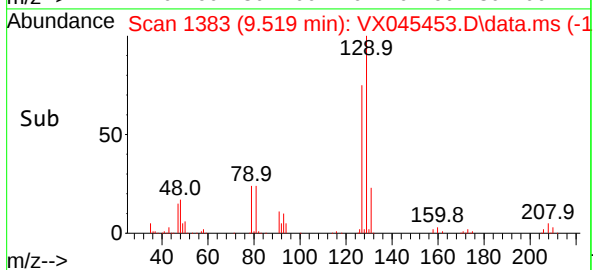
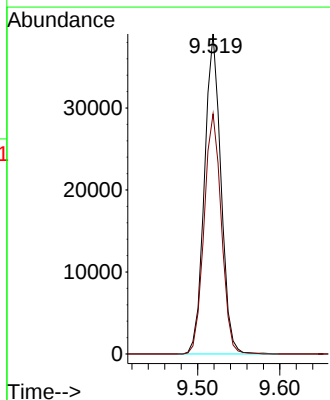
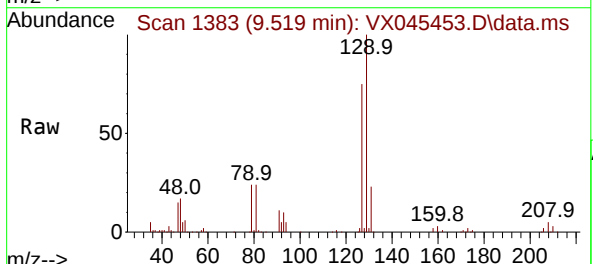
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

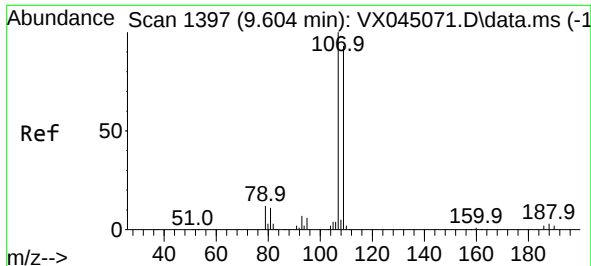
Tgt Ion: 43 Resp: 348369
Ion Ratio Lower Upper
43 100
58 49.7 25.9 77.6



#60
Dibromochloromethane
Concen: 54.132 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 129 Resp: 54443
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

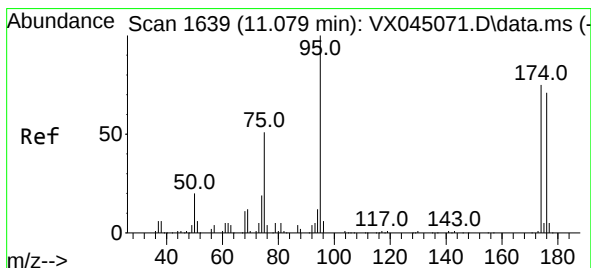
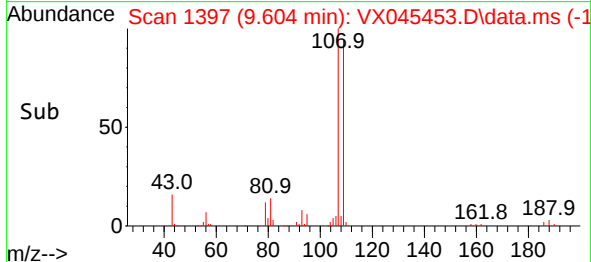
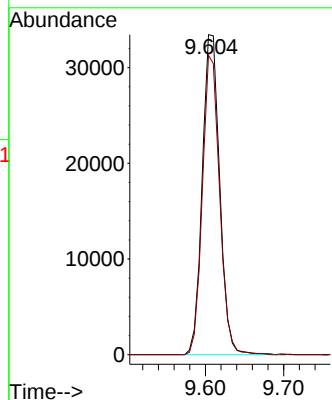
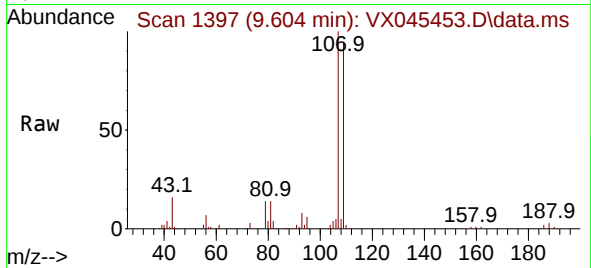




#61
1,2-Dibromoethane
Concen: 53.837 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

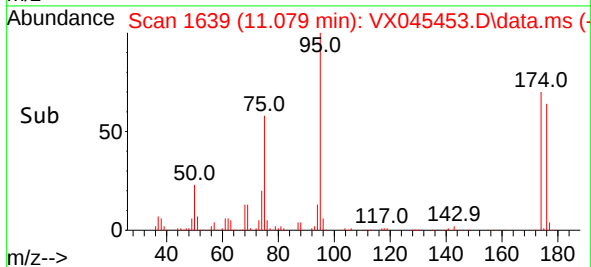
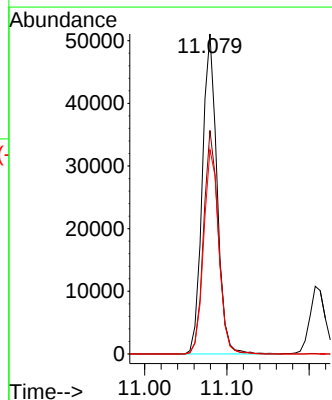
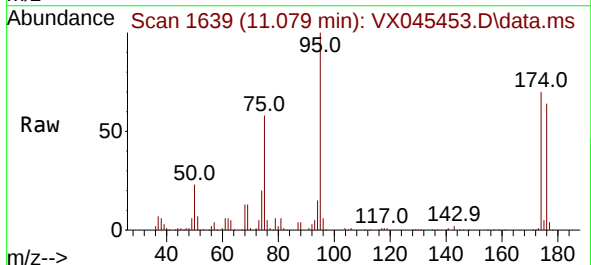
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

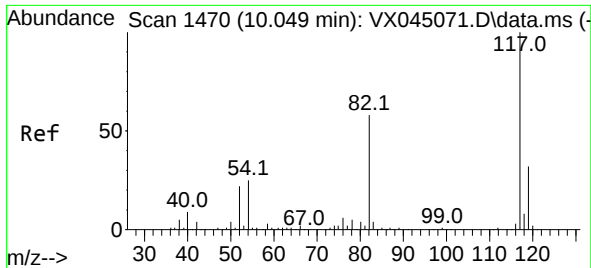
Tgt Ion:107 Resp: 51698
Ion Ratio Lower Upper
107 100
109 92.2 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 95 Resp: 63445
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 65.7 0.0 141.4

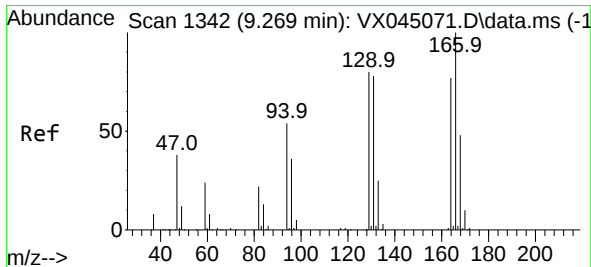
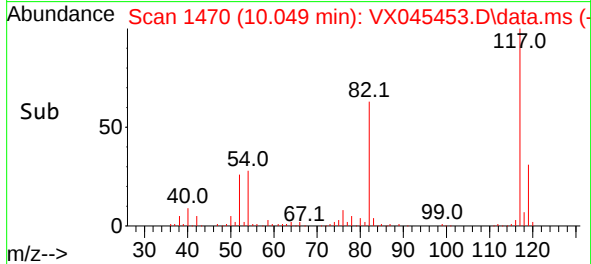
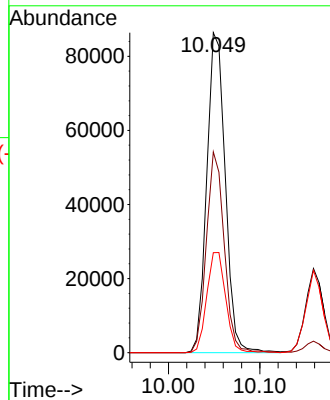
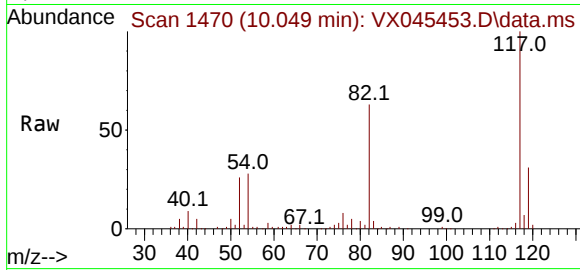




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

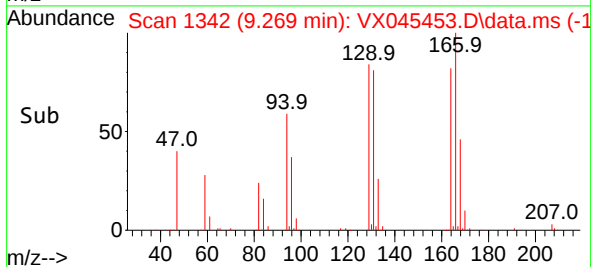
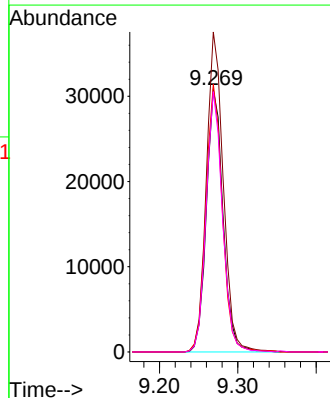
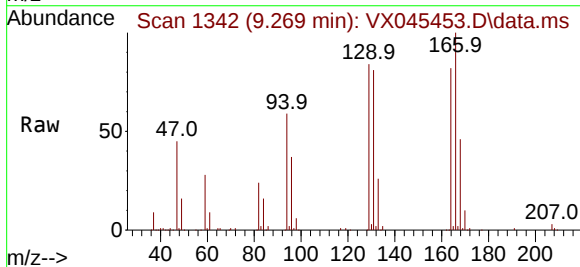
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

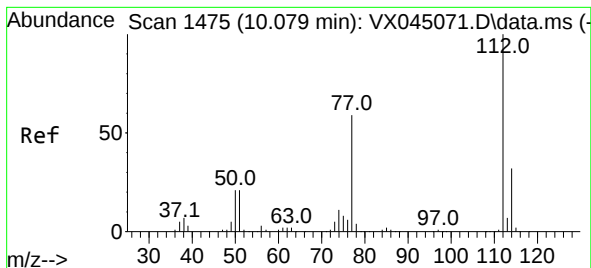
Tgt Ion:117 Resp: 121362
Ion Ratio Lower Upper
117 100
82 62.8 46.3 69.5
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 58.224 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:164 Resp: 45256
Ion Ratio Lower Upper
164 100
166 121.9 103.6 155.4
129 102.1 82.7 124.1
131 99.2 80.5 120.7





#65

Chlorobenzene

Concen: 51.820 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

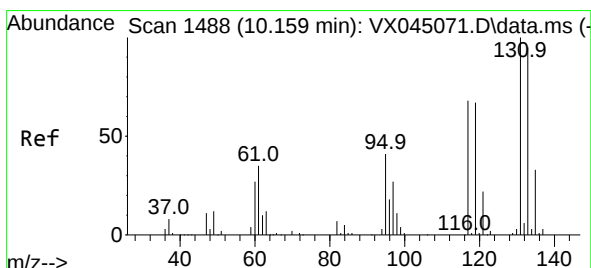
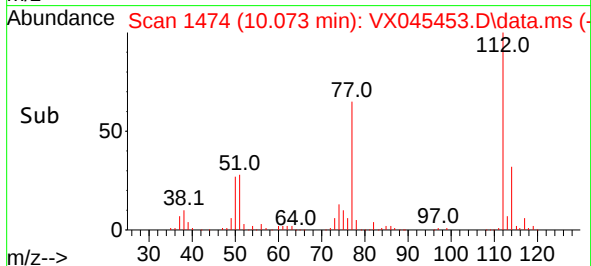
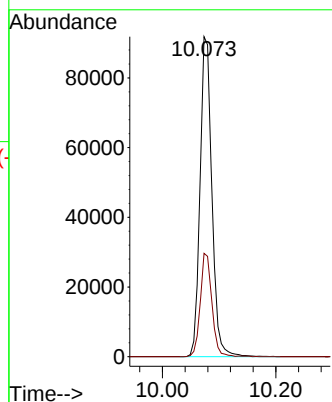
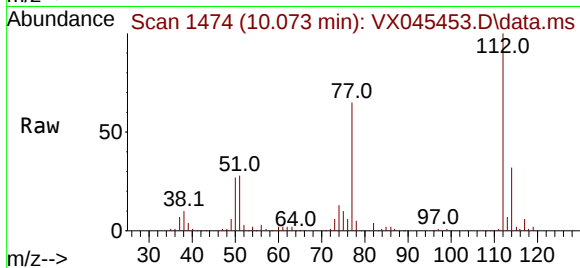
RE132D1-20250318MS

Tgt Ion:112 Resp: 133074

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.584 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

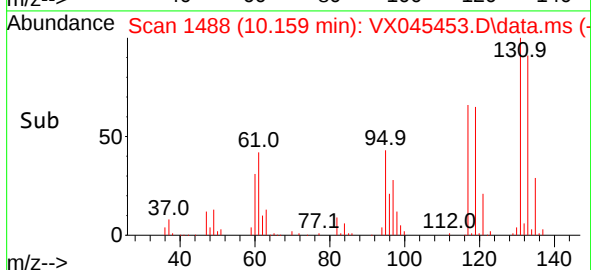
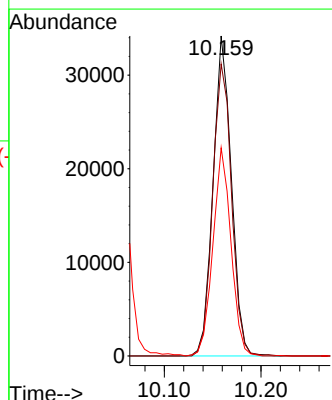
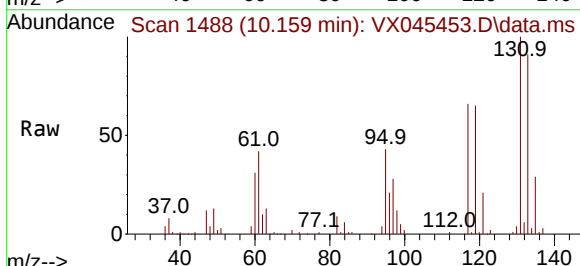
Tgt Ion:131 Resp: 44970

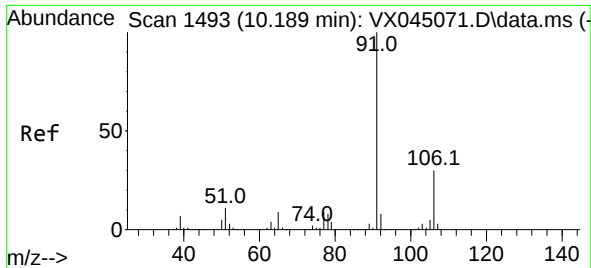
Ion Ratio Lower Upper

131 100

133 94.3 48.6 145.9

119 64.1 33.9 101.7

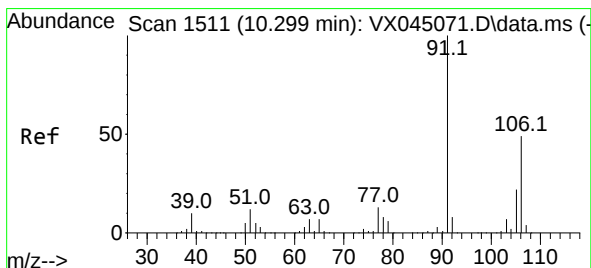
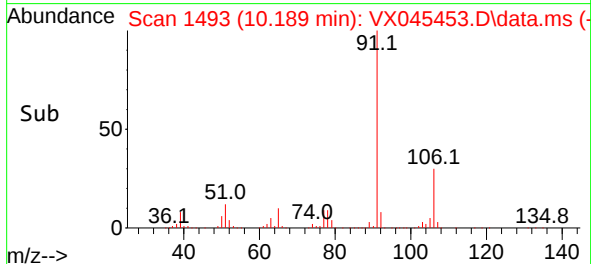
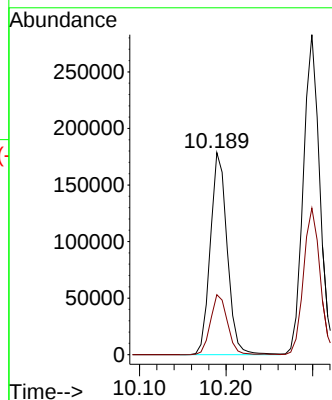
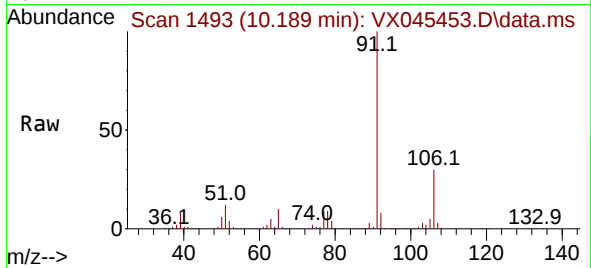




#67
Ethyl Benzene
Concen: 53.955 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

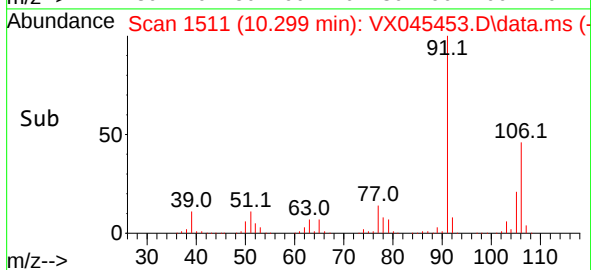
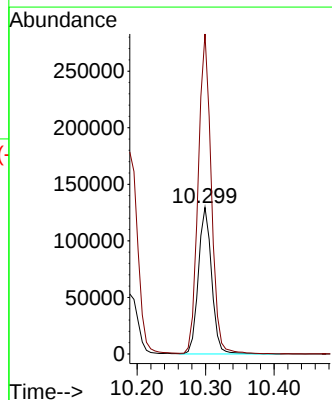
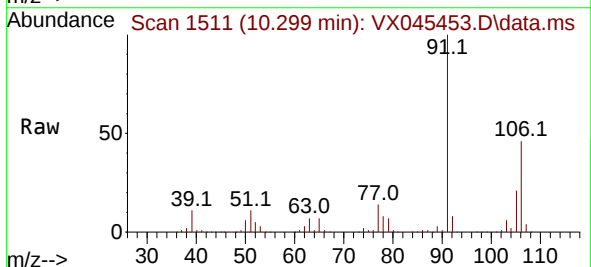
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

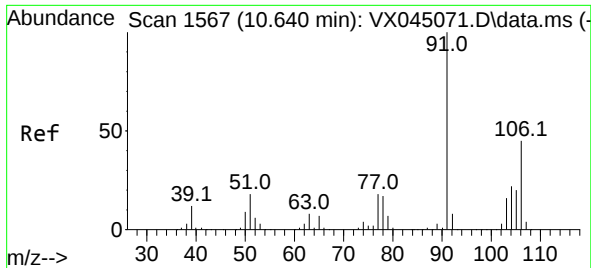
Tgt Ion: 91 Resp: 241425
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9



#68
m/p-Xylenes
Concen: 106.504 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:106 Resp: 174457
Ion Ratio Lower Upper
106 100
91 215.7 165.4 248.0

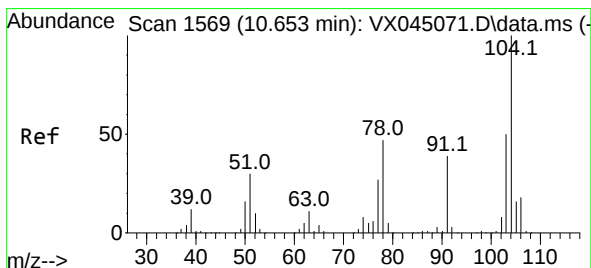
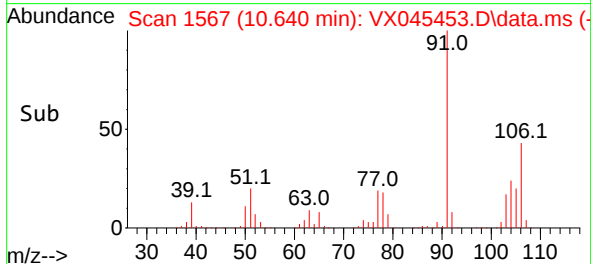
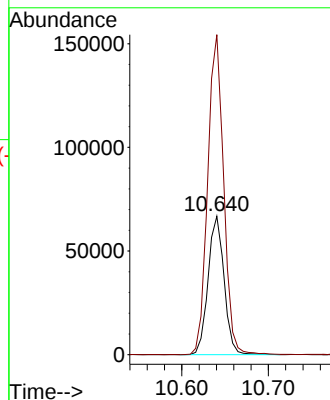
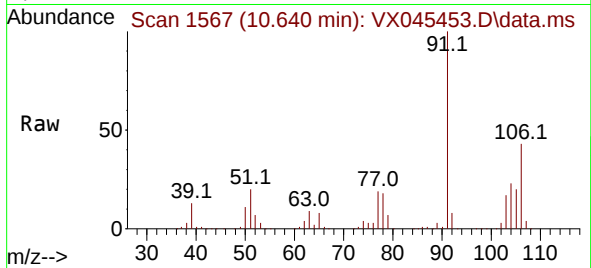




#69
o-Xylene
Concen: 51.970 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

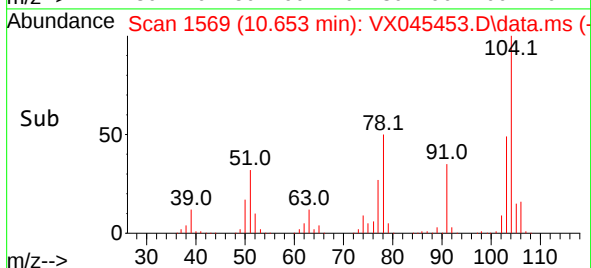
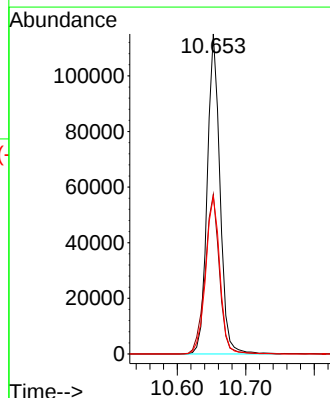
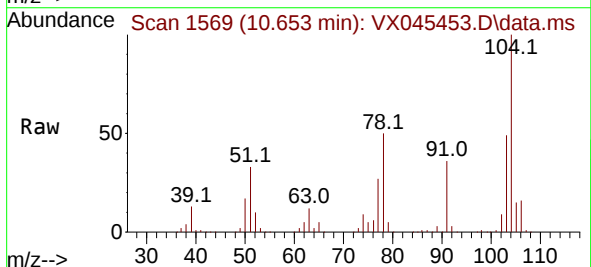
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

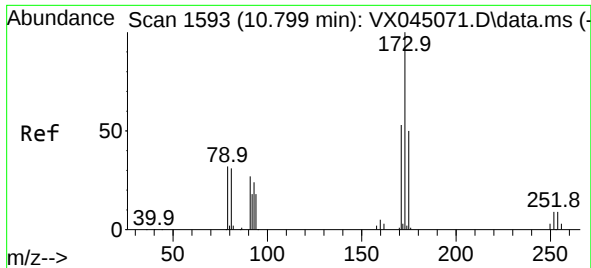
Tgt Ion:106 Resp: 85858
Ion Ratio Lower Upper
106 100
91 230.7 109.9 329.6



#70
Styrene
Concen: 55.720 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:104 Resp: 148946
Ion Ratio Lower Upper
104 100
78 56.1 42.2 63.4
103 55.0 43.8 65.8

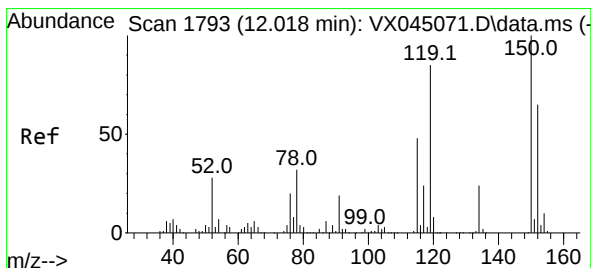
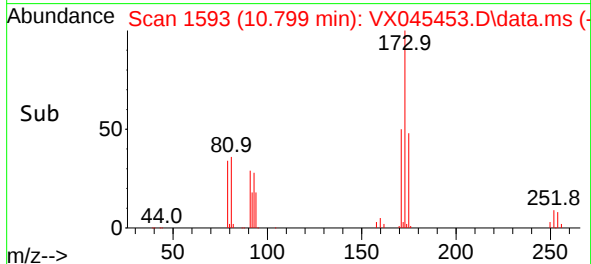
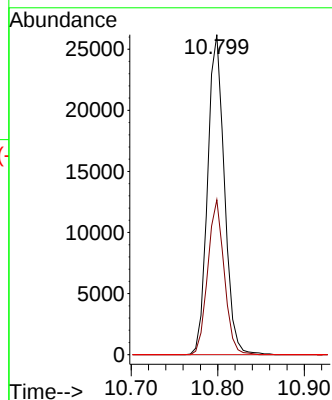
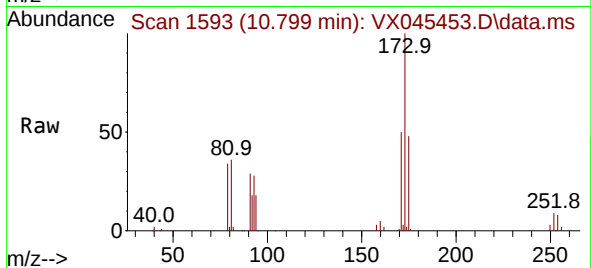




#71
Bromoform
Concen: 54.659 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

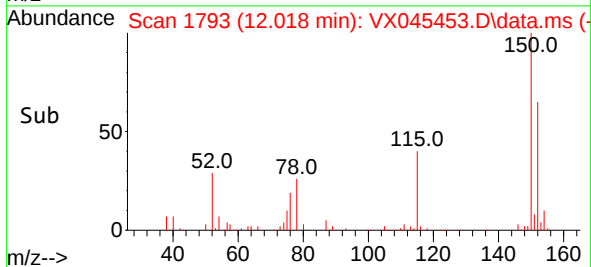
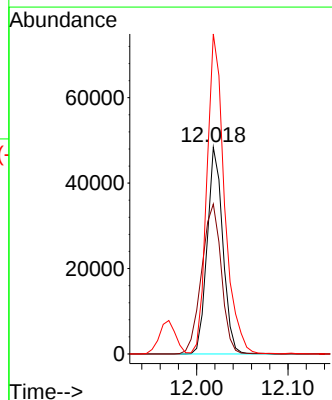
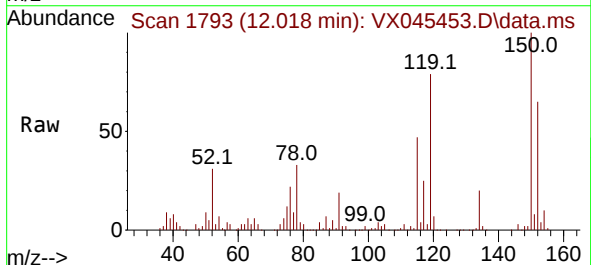
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

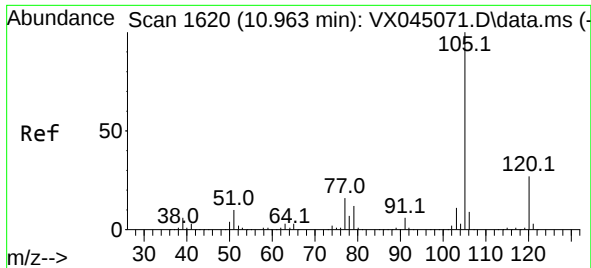
Tgt Ion:173 Resp: 35249
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:152 Resp: 57274
Ion Ratio Lower Upper
152 100
115 91.7 44.2 132.6
150 173.4 0.0 349.0

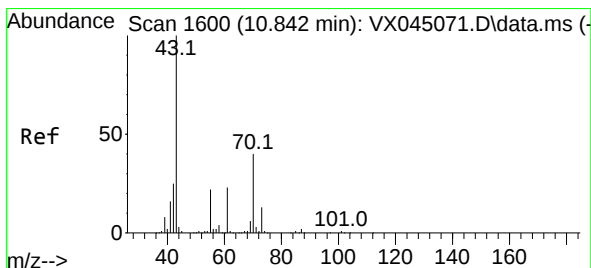
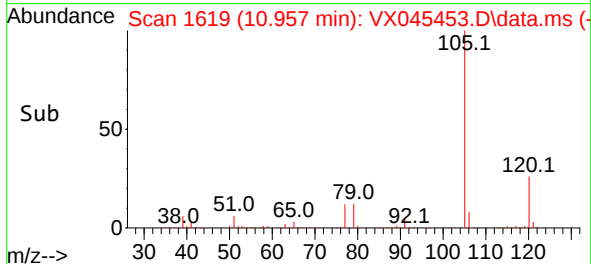
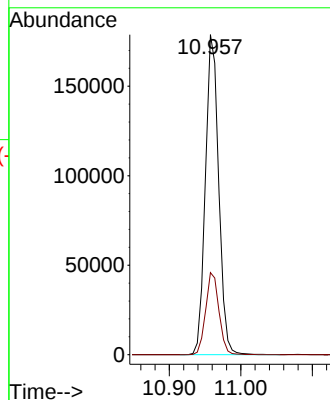
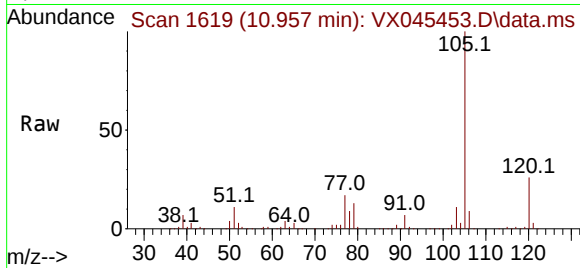




#73
Isopropylbenzene
Concen: 51.672 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

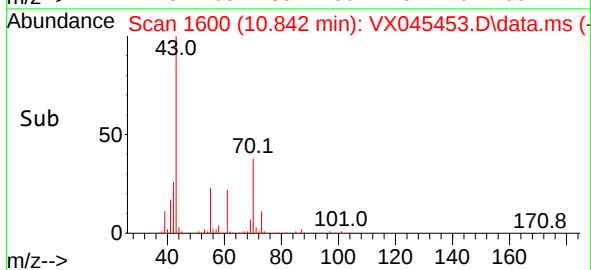
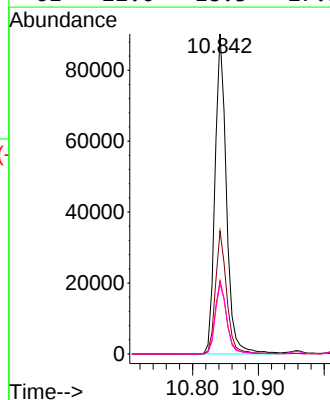
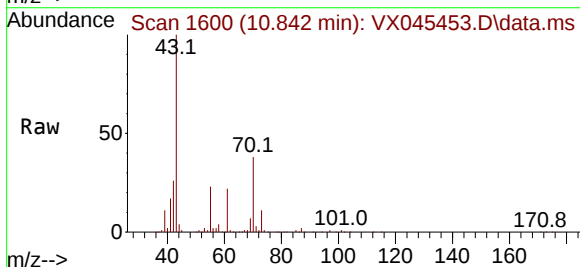
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

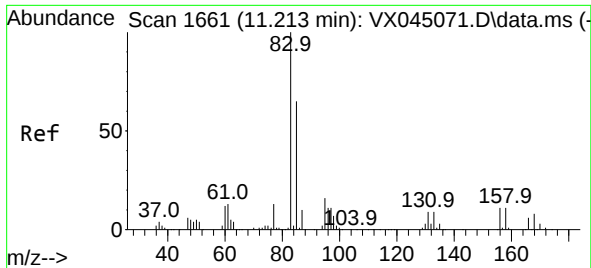
Tgt Ion:105 Resp: 230995
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 51.944 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 43 Resp: 108961
Ion Ratio Lower Upper
43 100
70 38.0 31.8 47.6
55 23.5 18.3 27.5
61 22.0 18.3 27.5

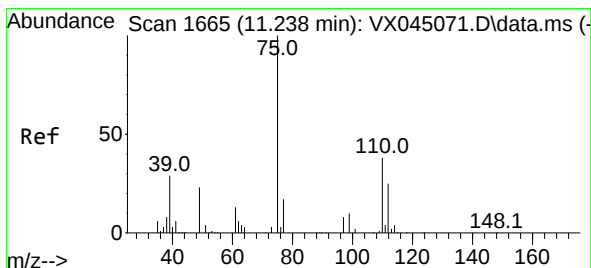
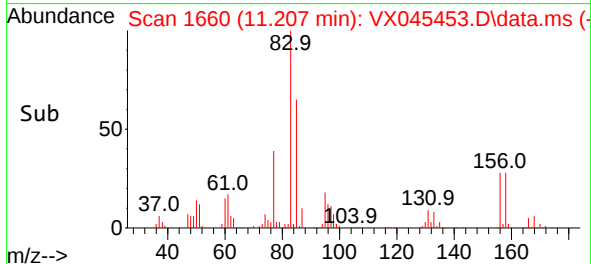
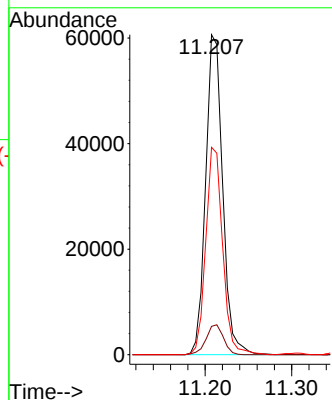
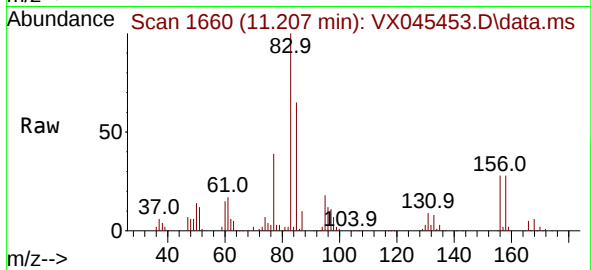




#75
1,1,2,2-Tetrachloroethane
Concen: 50.387 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

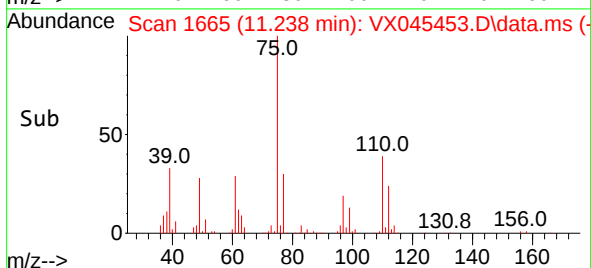
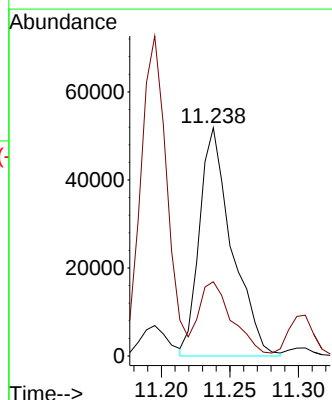
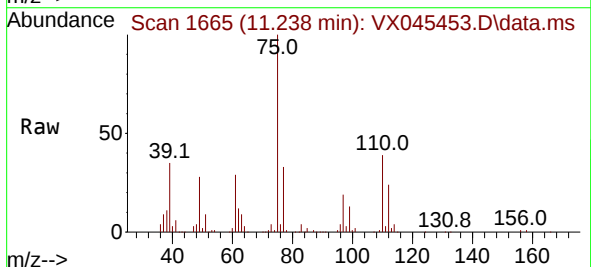
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

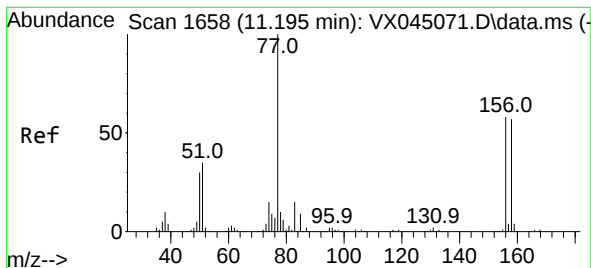
Tgt Ion: 83 Resp: 82659
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 64.4 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 64.058 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 75 Resp: 85393
Ion Ratio Lower Upper
75 100
77 33.4 20.7 62.1





#77

Bromobenzene

Concen: 50.465 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

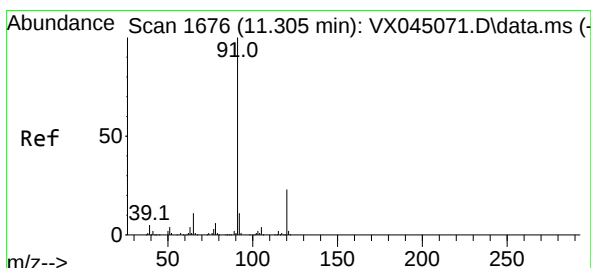
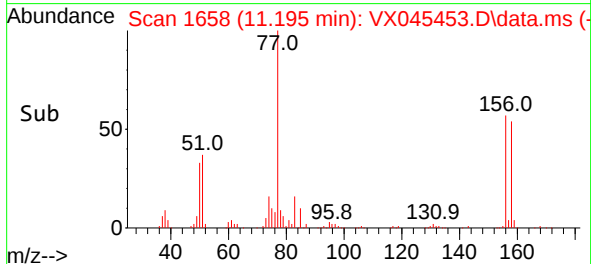
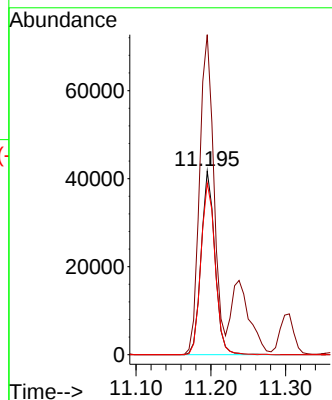
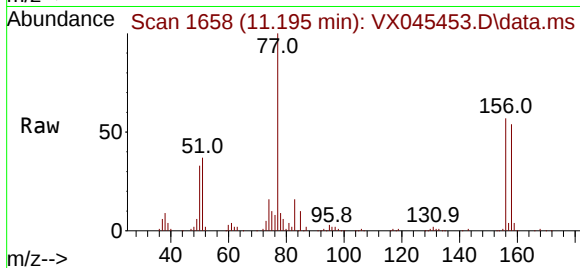
Tgt Ion:156 Resp: 53228

Ion Ratio Lower Upper

156 100

77 181.3 85.8 257.4

158 97.1 48.4 145.2



#78

n-propylbenzene

Concen: 53.289 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045453.D

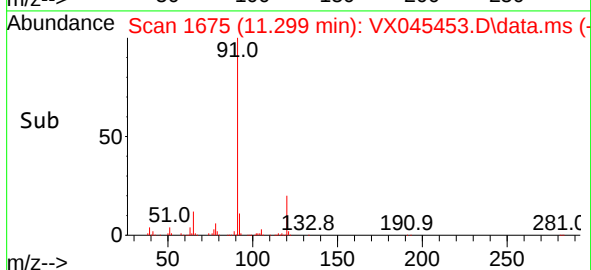
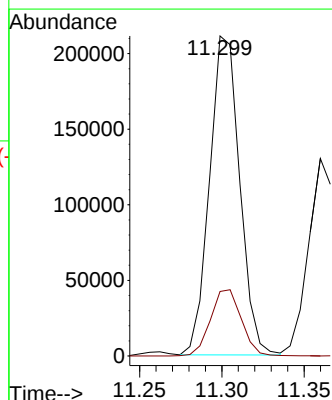
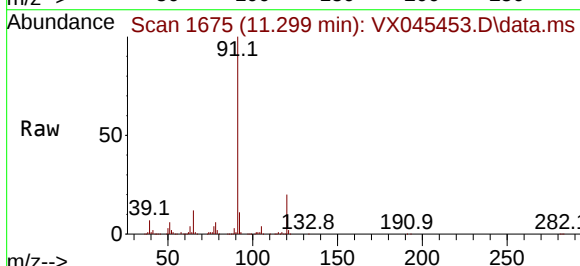
Acq: 25 Mar 2025 20:14

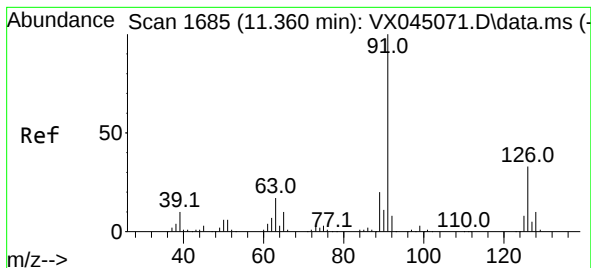
Tgt Ion: 91 Resp: 269107

Ion Ratio Lower Upper

91 100

120 21.3 11.2 33.6





#79

2-Chlorotoluene

Concen: 51.354 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

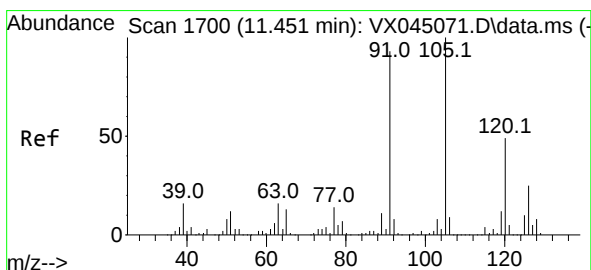
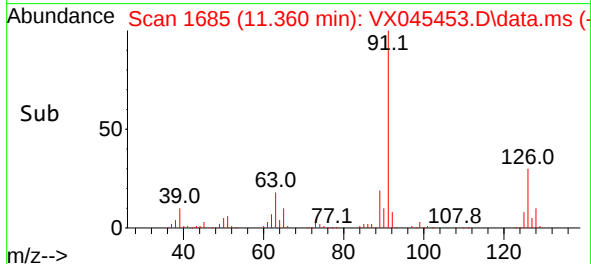
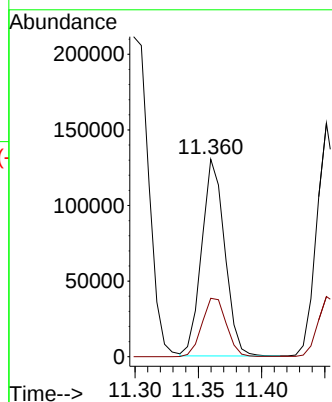
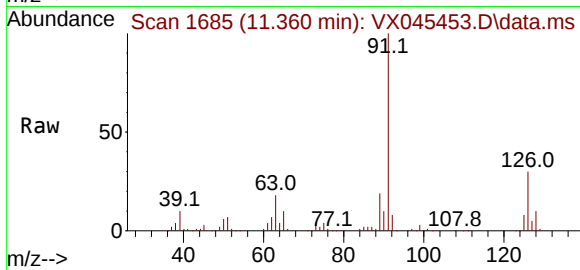
RE132D1-20250318MS

Tgt Ion: 91 Resp: 165161

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 52.558 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045453.D

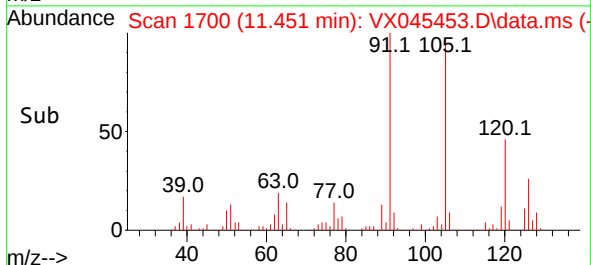
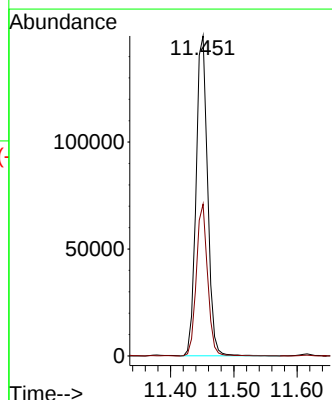
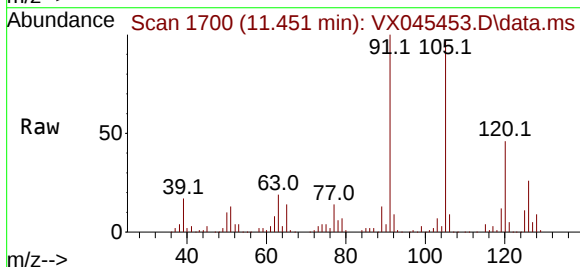
Acq: 25 Mar 2025 20:14

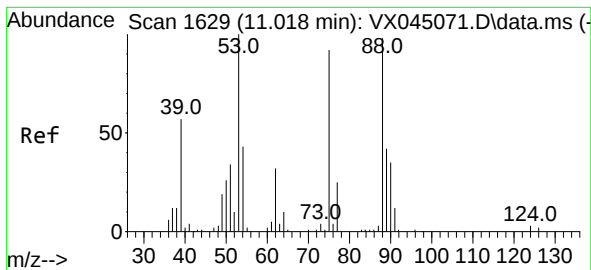
Tgt Ion:105 Resp: 189979

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.2

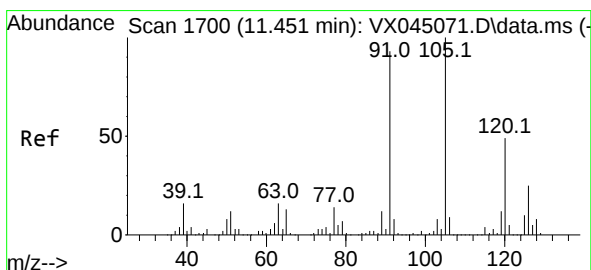
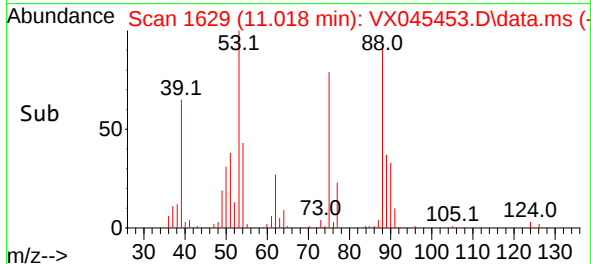
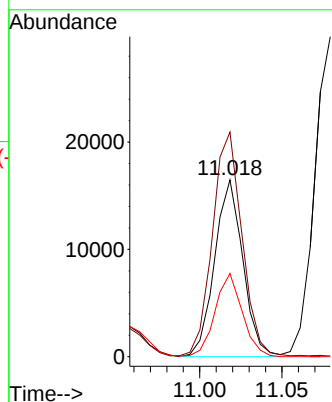
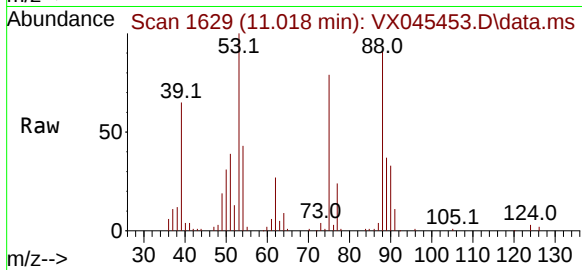




#81
trans-1,4-Dichloro-2-butene
Concen: 50.596 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

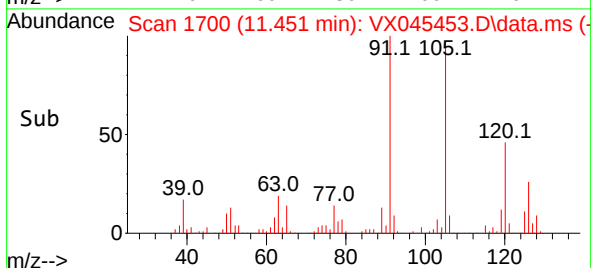
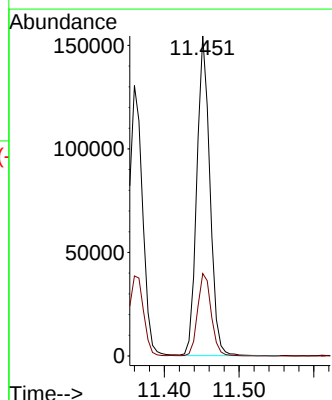
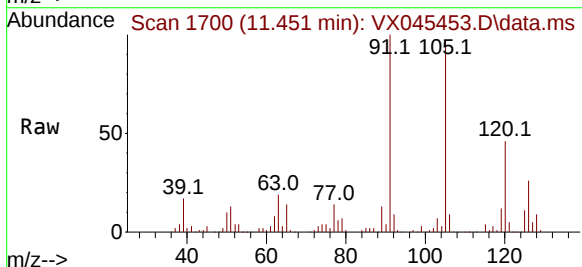
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

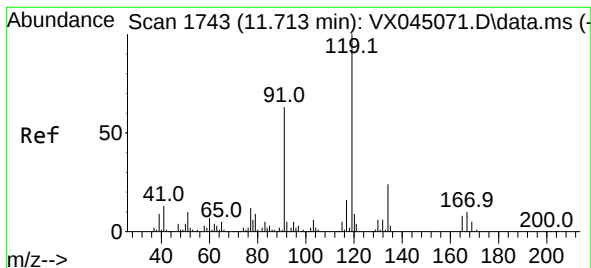
Tgt Ion: 75 Resp: 19709
Ion Ratio Lower Upper
75 100
53 132.3 88.5 132.7
89 45.3 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.338 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 91 Resp: 186957
Ion Ratio Lower Upper
91 100
126 26.9 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.625 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

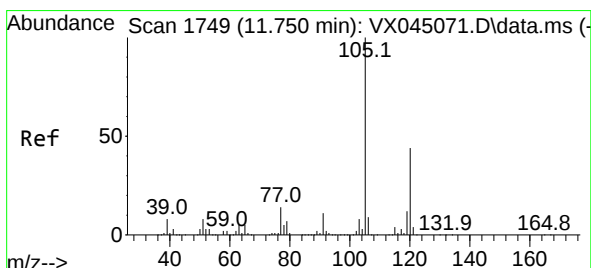
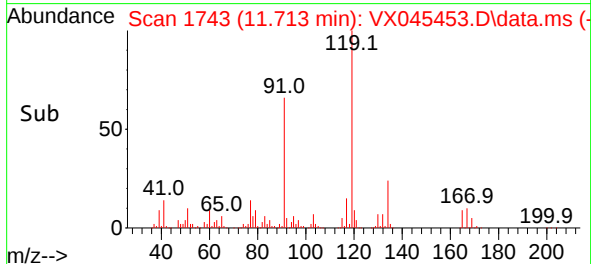
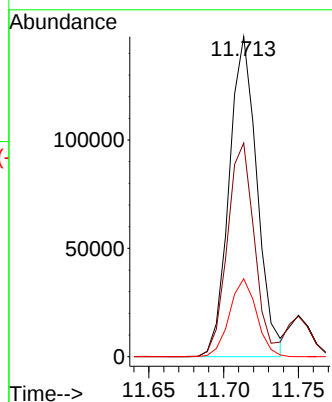
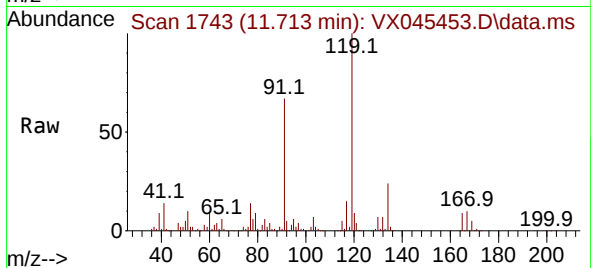
Tgt Ion:119 Resp: 191732

Ion Ratio Lower Upper

119 100

91 64.1 30.7 92.1

134 23.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.041 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045453.D

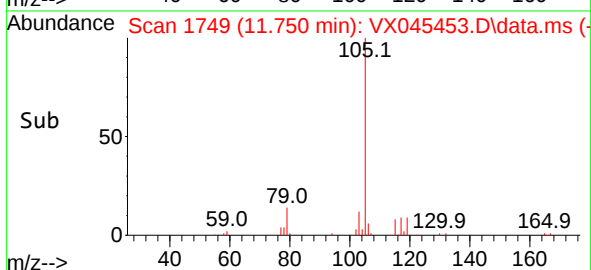
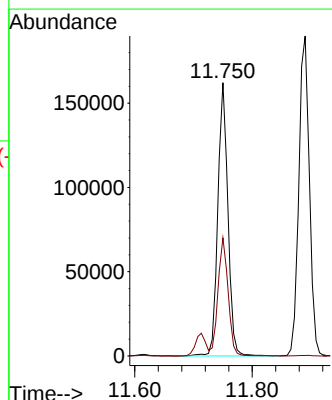
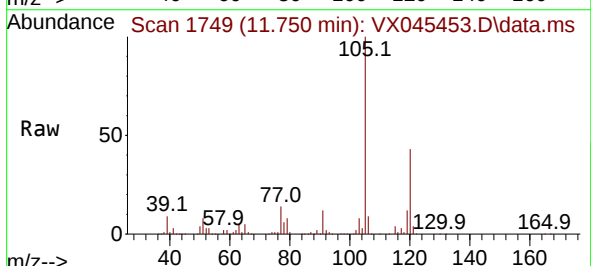
Acq: 25 Mar 2025 20:14

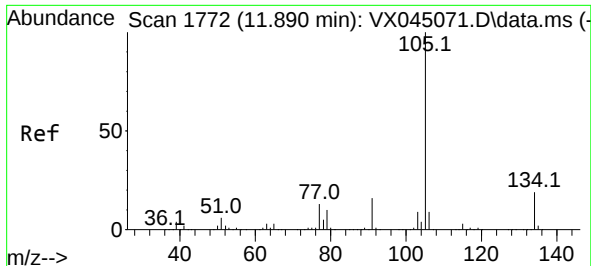
Tgt Ion:105 Resp: 192914

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.1

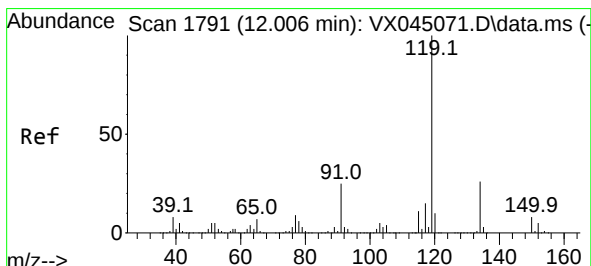
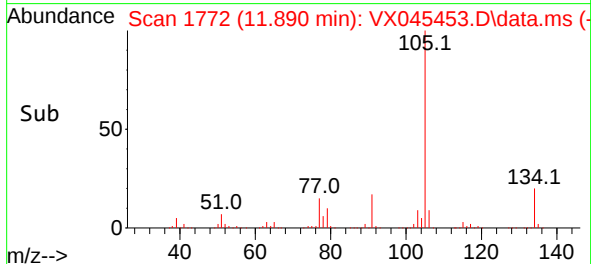
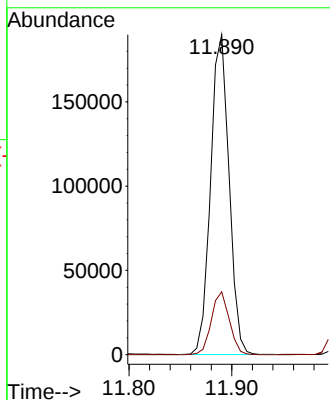
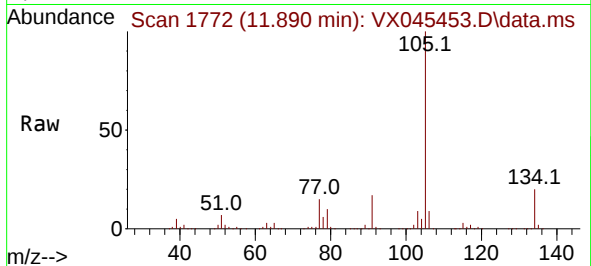




#85
sec-Butylbenzene
Concen: 53.049 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

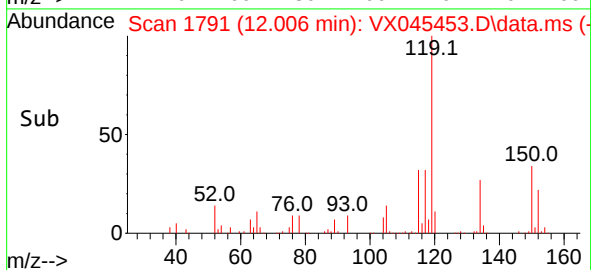
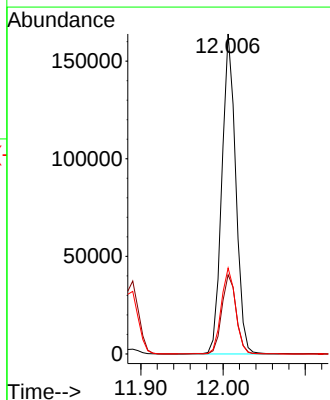
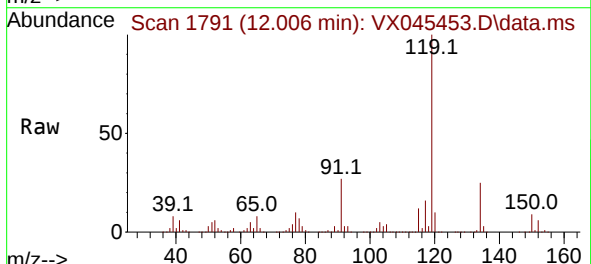
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

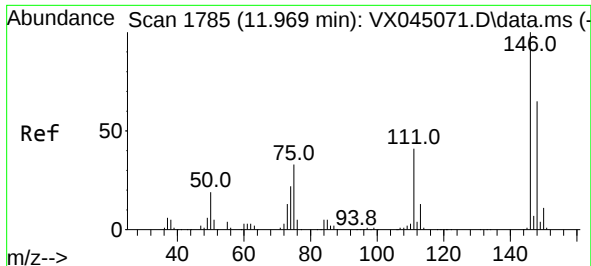
Tgt Ion:105 Resp: 236009
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4



#86
p-Isopropyltoluene
Concen: 53.497 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:119 Resp: 192339
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 27.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.283 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

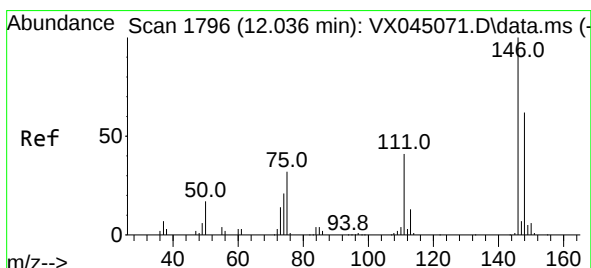
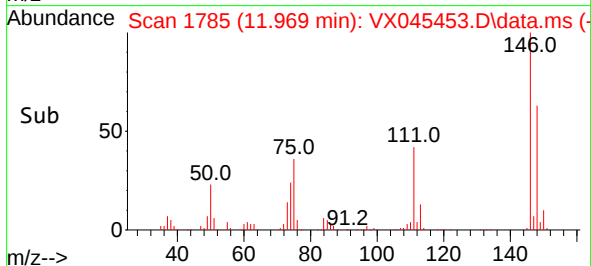
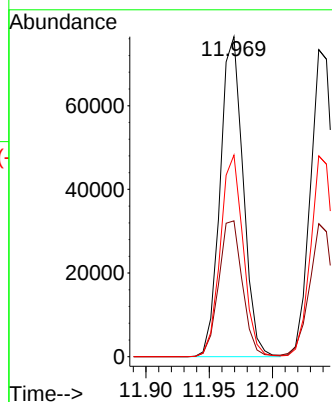
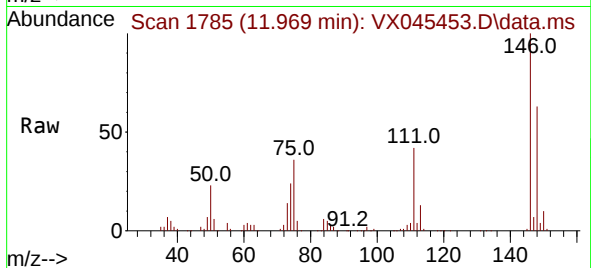
Tgt Ion:146 Resp: 96495

Ion Ratio Lower Upper

146 100

111 43.8 21.1 63.4

148 62.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.958 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

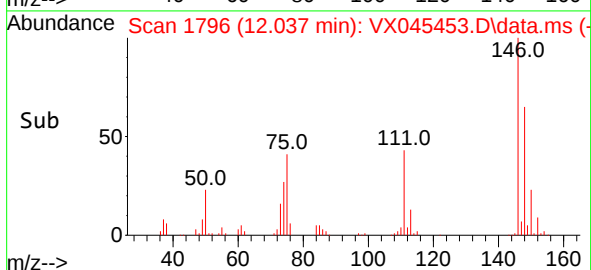
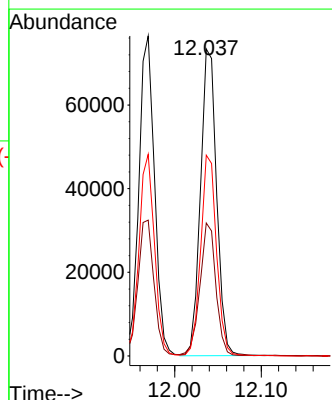
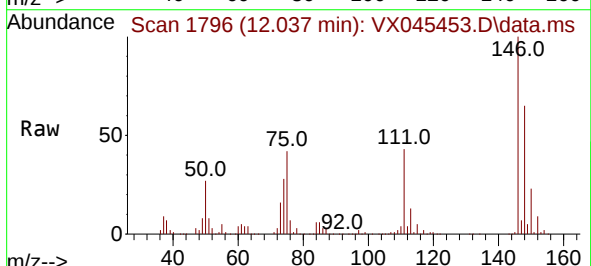
Tgt Ion:146 Resp: 95102

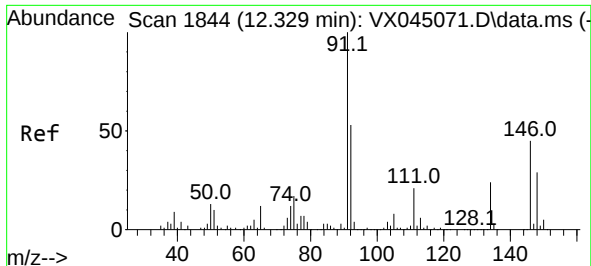
Ion Ratio Lower Upper

146 100

111 42.9 20.2 60.5

148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 54.978 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

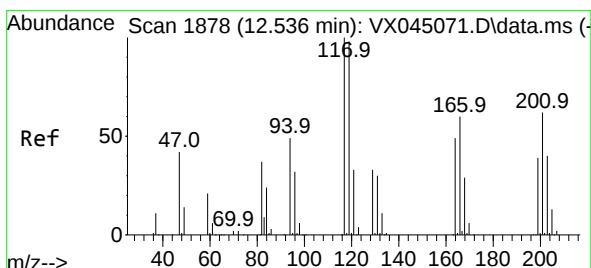
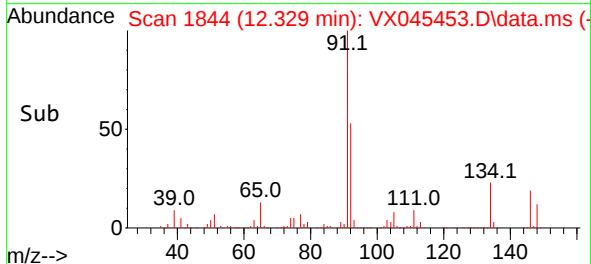
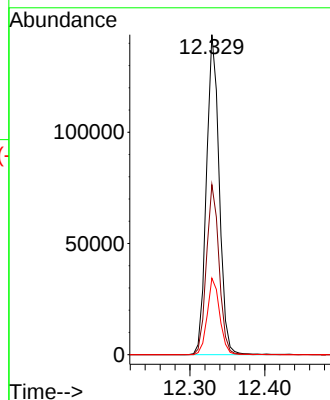
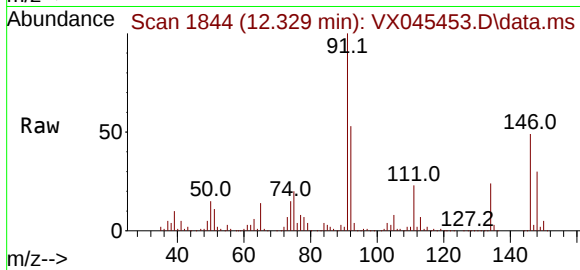
Tgt Ion: 91 Resp: 170243

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.0

134 23.3 12.2 36.6



#90

Hexachloroethane

Concen: 51.222 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045453.D

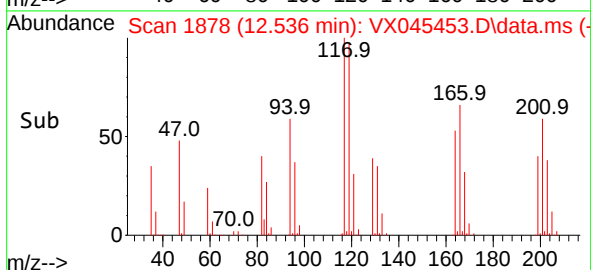
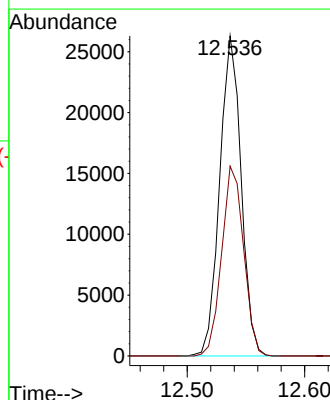
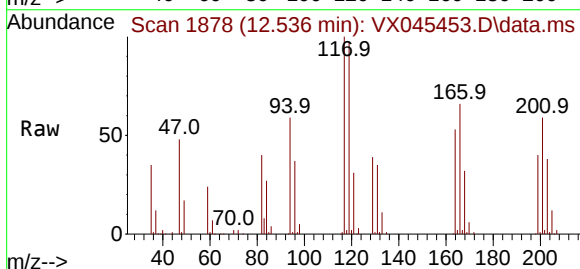
Acq: 25 Mar 2025 20:14

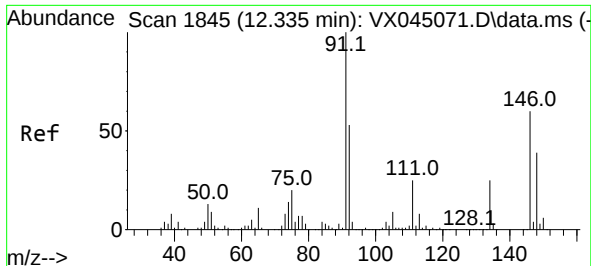
Tgt Ion: 117 Resp: 33310

Ion Ratio Lower Upper

117 100

201 60.9 31.9 95.9

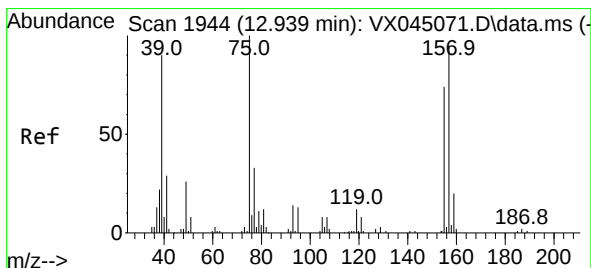
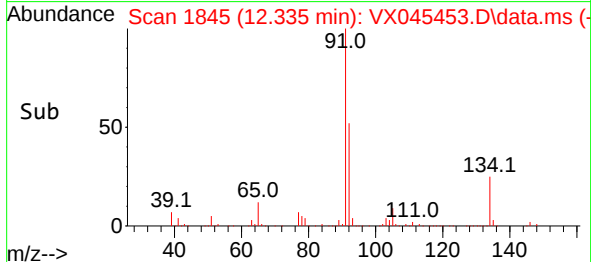
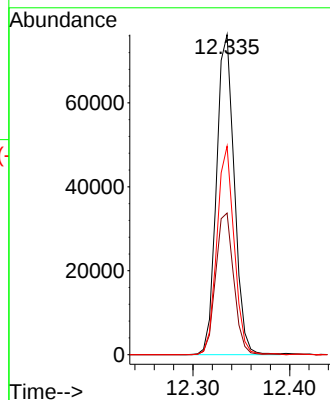
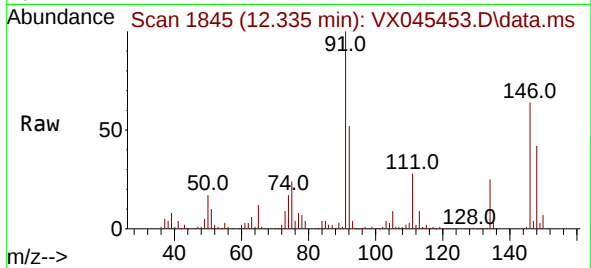




#91
1,2-Dichlorobenzene
Concen: 51.597 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

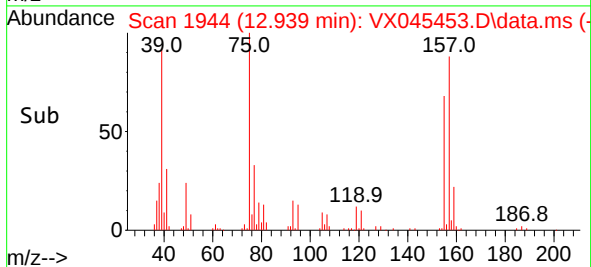
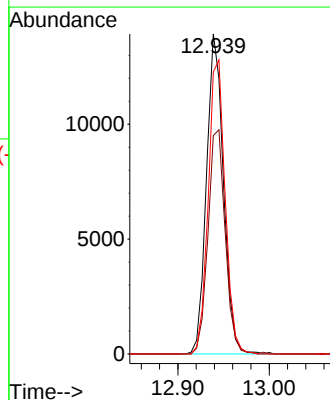
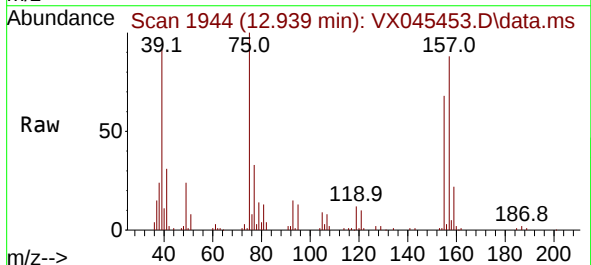
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

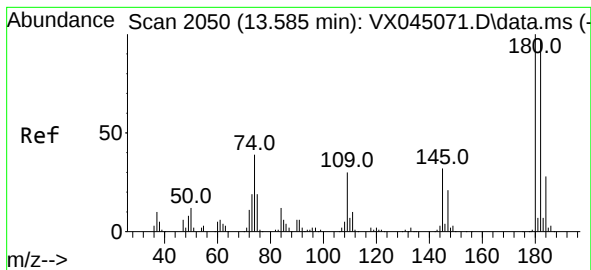
Tgt Ion:146 Resp: 97391
Ion Ratio Lower Upper
146 100
111 45.1 21.6 65.0
148 63.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.052 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 75 Resp: 17914
Ion Ratio Lower Upper
75 100
155 71.1 39.6 118.7
157 91.6 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 50.871 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

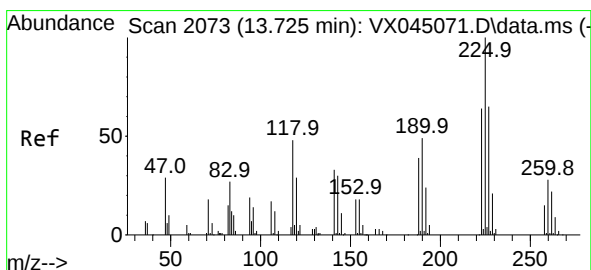
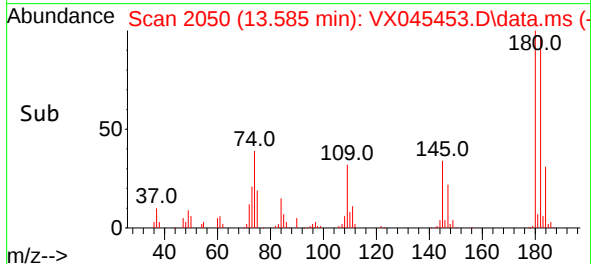
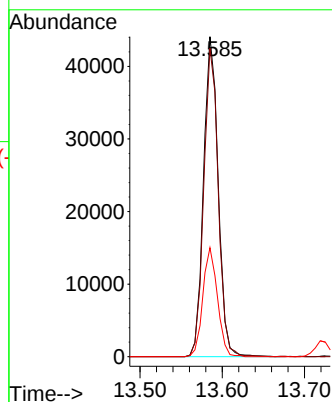
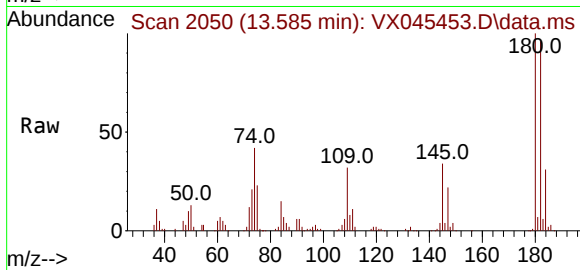
Tgt Ion:180 Resp: 54675

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 33.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 49.996 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

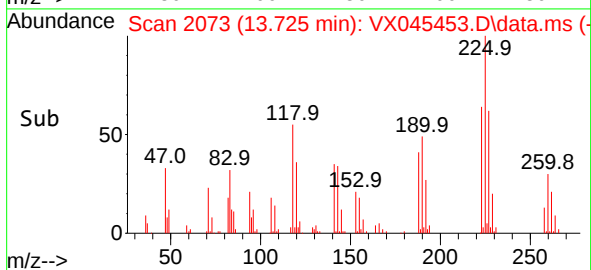
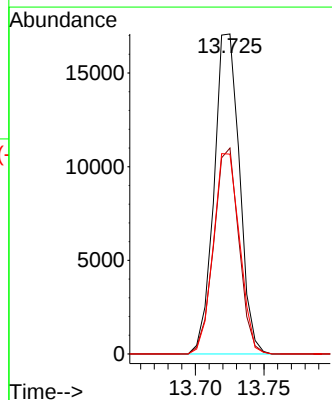
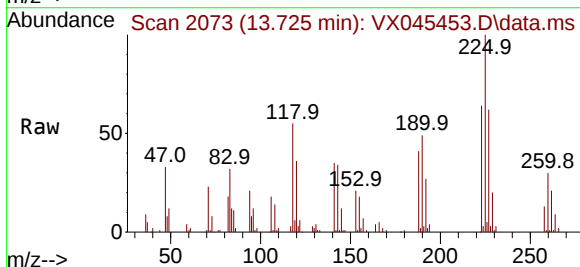
Tgt Ion:225 Resp: 22030

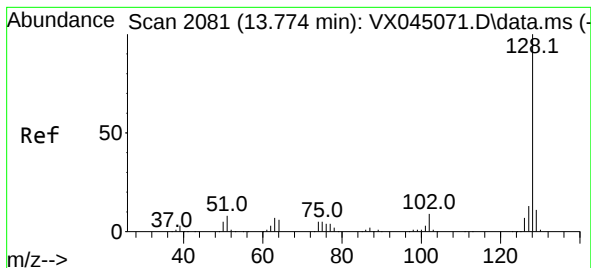
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

227 64.6 31.4 94.0





#95

Naphthalene

Concen: 50.889 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045453.D

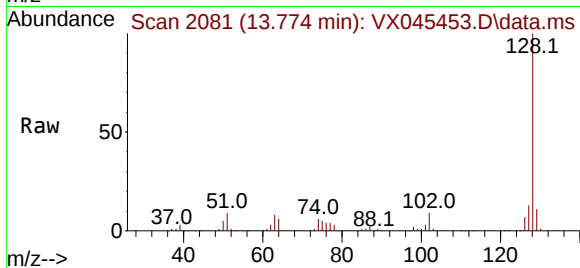
Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS



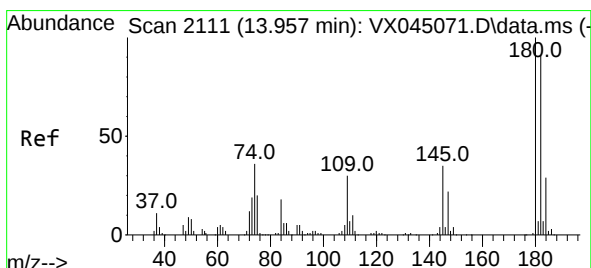
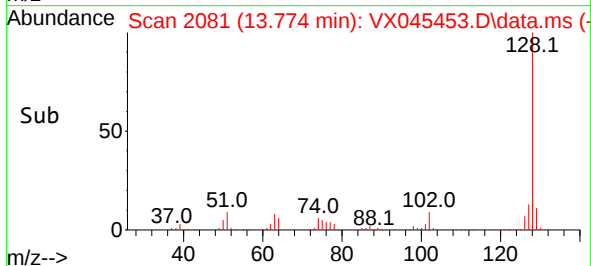
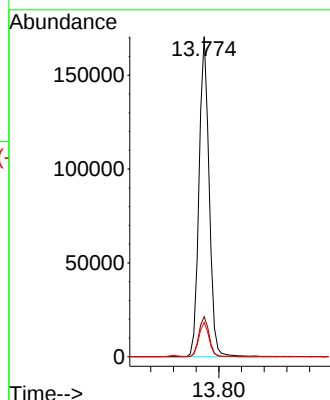
Tgt Ion:128 Resp: 210140

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.825 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Tgt Ion:180 Resp: 56493

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.6

145 35.5 17.0 50.9

