

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045117.D
 Acq On : 03 Mar 2025 16:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 04 05:26:54 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	97117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74814	48.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	5.379	113	57984	50.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	8.641	98	212847	50.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	75126	54.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58223	47.627	ug/l	95
3) Chloromethane	1.300	50	70275	46.974	ug/l	95
4) Vinyl Chloride	1.374	62	66151	44.573	ug/l	98
5) Bromomethane	1.593	94	26503	45.427	ug/l	100
6) Chloroethane	1.660	64	28750	41.998	ug/l	95
7) Trichlorofluoromethane	1.867	101	93627	47.655	ug/l	99
8) Diethyl Ether	2.130	74	35558	46.272	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	57063	50.555	ug/l	99
10) Methyl Iodide	2.440	142	67827	48.085	ug/l	98
11) Tert butyl alcohol	2.989	59	53878	184.131	ug/l	98
12) 1,1-Dichloroethene	2.306	96	54905	46.009	ug/l	98
13) Acrolein	2.233	56	68973	203.914	ug/l	100
14) Allyl chloride	2.654	41	103789	48.859	ug/l	99
15) Acrylonitrile	3.062	53	177540	226.390	ug/l	100
16) Acetone	2.380	43	148170	206.729	ug/l	100
17) Carbon Disulfide	2.501	76	141476	44.511	ug/l	97
18) Methyl Acetate	2.703	43	76731	44.502	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	190674	47.624	ug/l	99
20) Methylene Chloride	2.782	84	63992	45.072	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	55658	47.209	ug/l	97
22) Diisopropyl ether	3.757	45	211808	49.028	ug/l	94
23) Vinyl Acetate	3.715	43	896490	248.664	ug/l	100
24) 1,1-Dichloroethane	3.605	63	113217	46.761	ug/l	99
25) 2-Butanone	4.556	43	244983	227.075	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78158	68.822	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68748	47.237	ug/l	94
28) Bromochloromethane	4.891	49	49948	43.281	ug/l	97
29) Tetrahydrofuran	5.001	42	158155	218.292	ug/l	100
30) Chloroform	5.086	83	111790	46.469	ug/l	100
31) Cyclohexane	5.458	56	104556	49.748	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	90604	46.631	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74516	47.162	ug/l	97
37) Ethyl Acetate	4.714	43	92227	45.299	ug/l	98
38) Carbon Tetrachloride	5.672	117	74525	46.459	ug/l	100
39) Methylcyclohexane	7.373	83	101316	53.515	ug/l	99
40) Benzene	6.031	78	241747	48.453	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53600	48.689	ug/l	97
42) 1,2-Dichloroethane	6.080	62	86907	48.371	ug/l	100
43) Isopropyl Acetate	6.336	43	147841	49.107	ug/l	100
44) Trichloroethene	7.123	130	57421	49.013	ug/l	95
45) 1,2-Dichloropropane	7.421	63	61931	48.278	ug/l	94
46) Dibromomethane	7.574	93	44112	48.651	ug/l	100
47) Bromodichloromethane	7.818	83	87333	49.106	ug/l	99
48) Methyl methacrylate	7.690	41	73875	48.911	ug/l	99
49) 1,4-Dioxane	7.659	88	29159	915.224	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	495660	245.201	ug/l	99
52) Toluene	8.714	92	144721	49.438	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	80935	54.435	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	93008	53.645	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58126	48.233	ug/l	99
56) Ethyl methacrylate	9.116	69	96290	52.564	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102503	49.149	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241398	270.144	ug/l	98
59) 2-Hexanone	9.427	43	365074	249.262	ug/l	100
60) Dibromochloromethane	9.518	129	62885	49.907	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59116	49.138	ug/l	98
64) Tetrachloroethene	9.269	164	45980	46.774	ug/l	97
65) Chlorobenzene	10.073	112	158157	48.698	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	51165	47.307	ug/l	98
67) Ethyl Benzene	10.189	91	283390	50.078	ug/l	99
68) m/p-Xylenes	10.299	106	209050	100.912	ug/l	99
69) o-Xylene	10.640	106	104306	49.923	ug/l	100
70) Styrene	10.652	104	174851	51.720	ug/l	100
71) Bromoform	10.799	173	40518	49.679	ug/l #	99
73) Isopropylbenzene	10.957	105	268268	47.800	ug/l	99
74) N-amyl acetate	10.841	43	130596	49.591	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	93645	45.470	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96508	57.667	ug/l	87
77) Bromobenzene	11.195	156	62538	47.228	ug/l	99
78) n-propylbenzene	11.299	91	316130	49.865	ug/l	99
79) 2-Chlorotoluene	11.360	91	188339	46.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219930	48.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24297	49.684	ug/l	96
82) 4-Chlorotoluene	11.451	91	214214	48.681	ug/l	99
83) tert-Butylbenzene	11.713	119	224621	48.175	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227084	49.733	ug/l	99
85) sec-Butylbenzene	11.890	105	282342	50.552	ug/l	100
86) p-Isopropyltoluene	12.006	119	230153	50.991	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115431	48.865	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	114566	47.938	ug/l	99
89) n-Butylbenzene	12.329	91	209700	53.943	ug/l	99
90) Hexachloroethane	12.536	117	38299	46.912	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113486	47.892	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18445	45.972	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	70108	51.959	ug/l	99
94) Hexachlorobutadiene	13.725	225	27169	49.114	ug/l	97
95) Naphthalene	13.774	128	256501	49.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	71433	50.183	ug/l	99

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VSTDCCC050EC

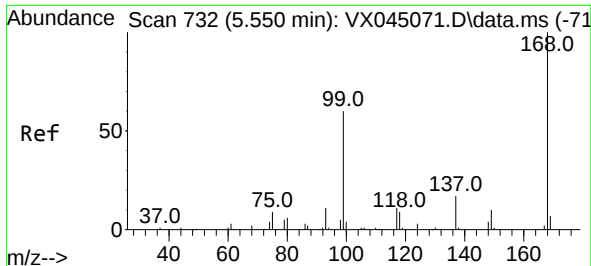
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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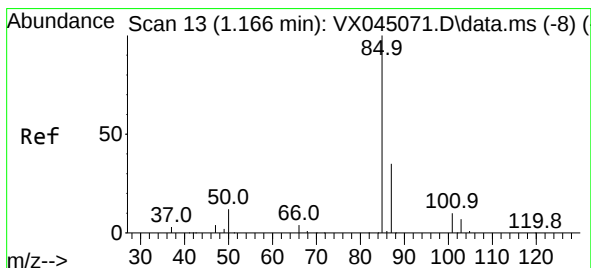
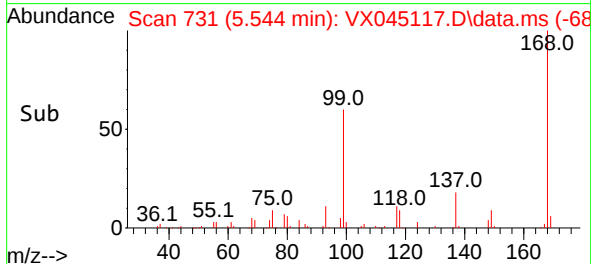
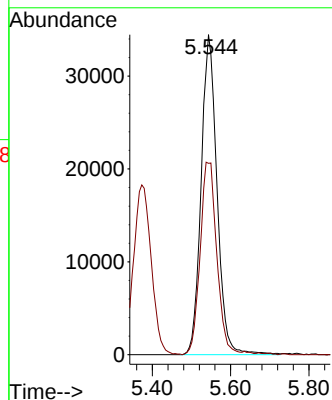
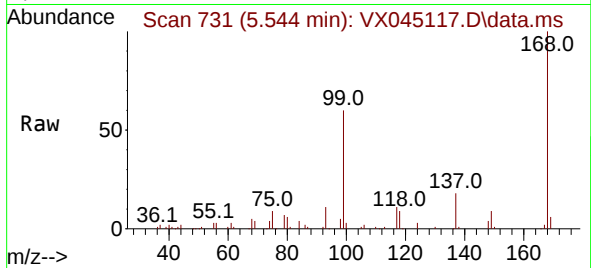




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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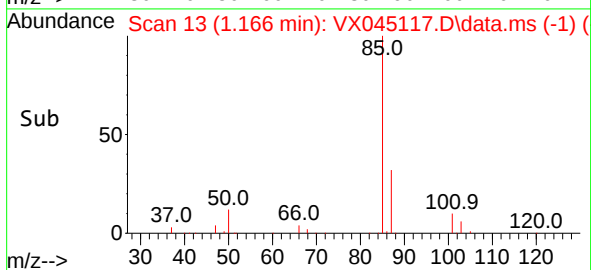
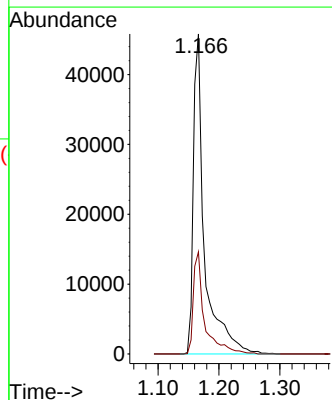
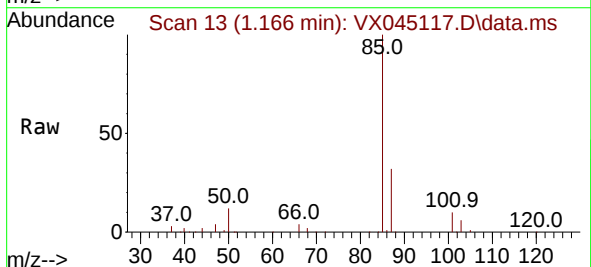
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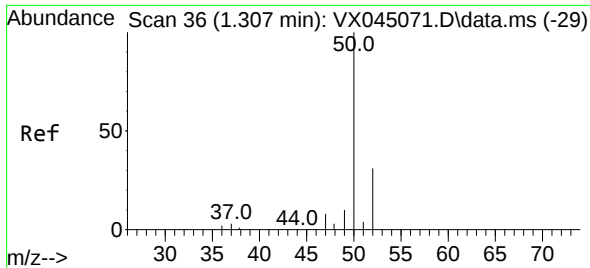
Tgt Ion:168 Resp: 97117
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 47.627 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 85 Resp: 58223
Ion Ratio Lower Upper
85 100
87 31.9 17.4 52.3

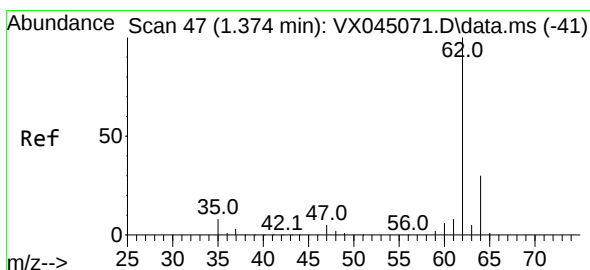
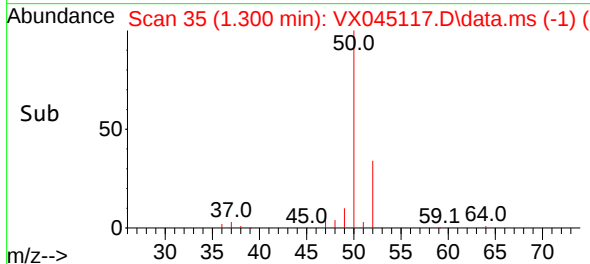
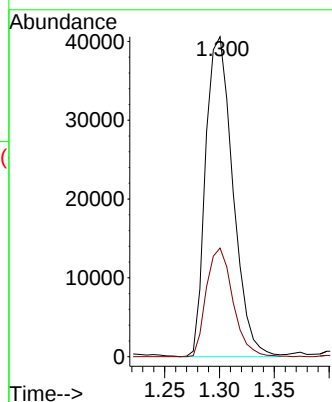
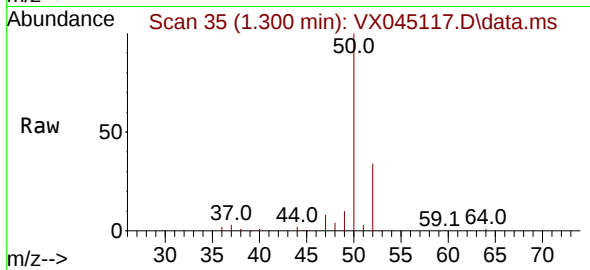




#3
Chloromethane
Concen: 46.974 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

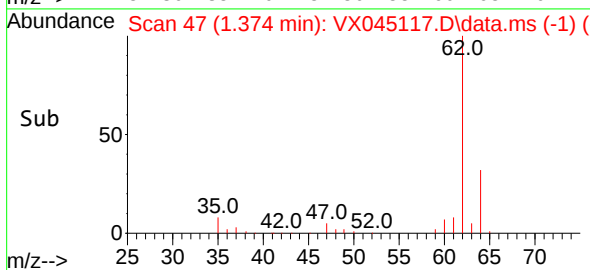
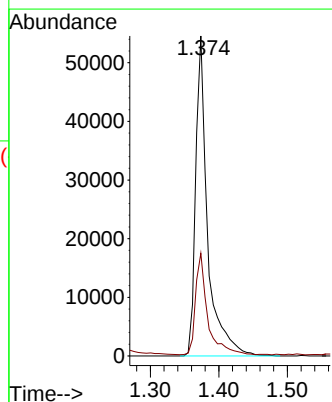
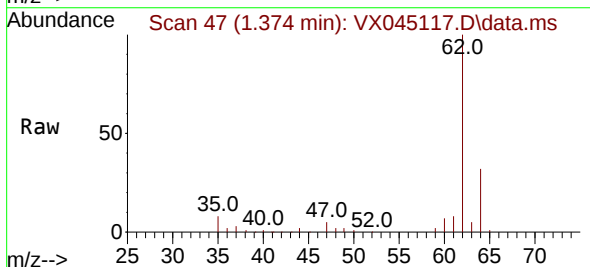
Instrument :
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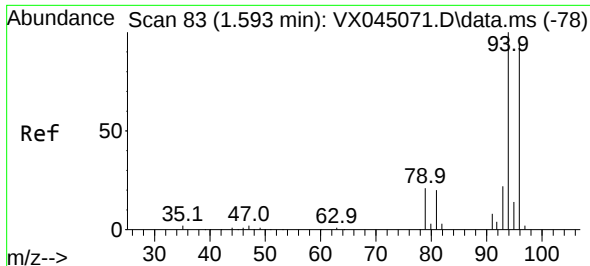
Tgt Ion: 50 Resp: 70275
Ion Ratio Lower Upper
50 100
52 34.0 25.0 37.4



#4
Vinyl Chloride
Concen: 44.573 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 62 Resp: 66151
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

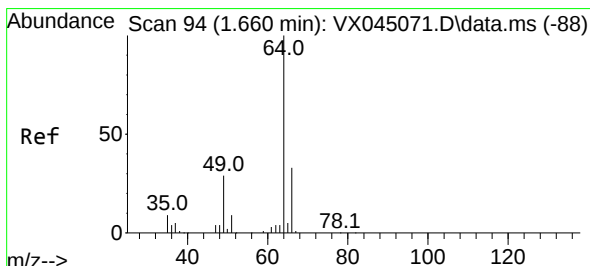
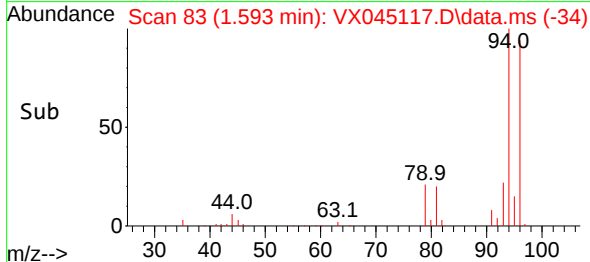
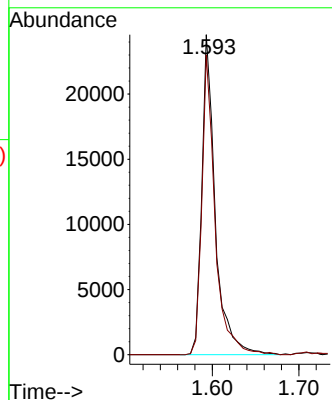
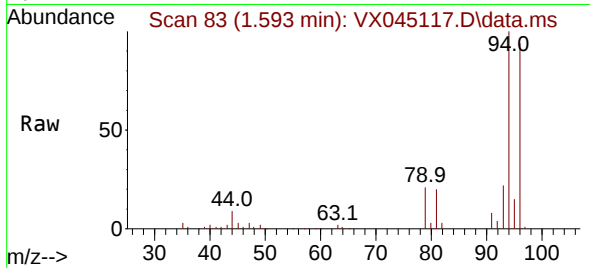




#5
Bromomethane
Concen: 45.427 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

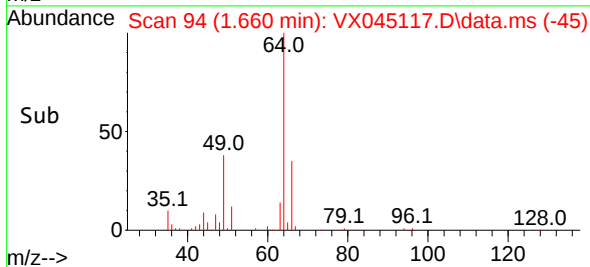
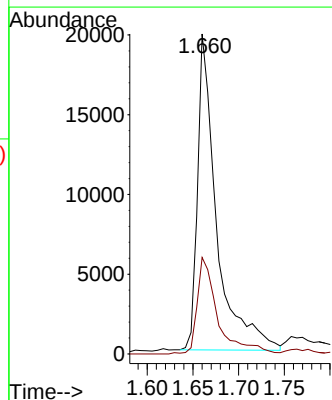
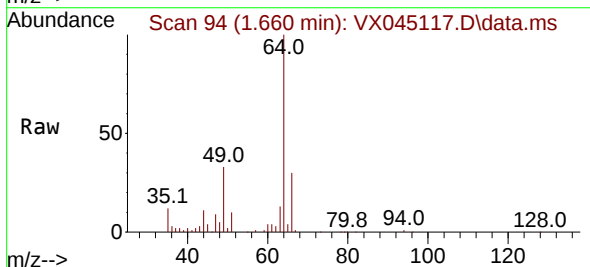
Instrument :
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Tgt Ion: 94 Resp: 26503
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4



#6
Chloroethane
Concen: 41.998 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 64 Resp: 28750
Ion Ratio Lower Upper
64 100
66 30.3 26.7 40.1

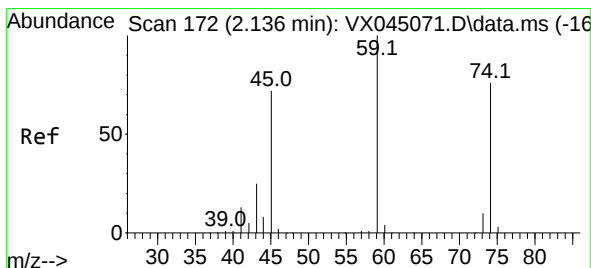
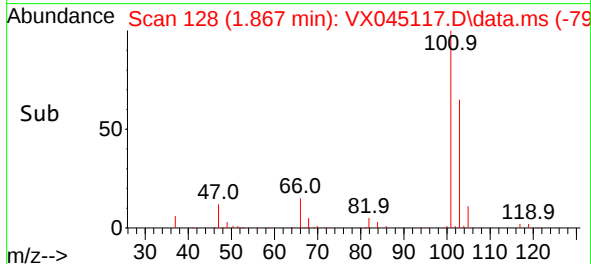
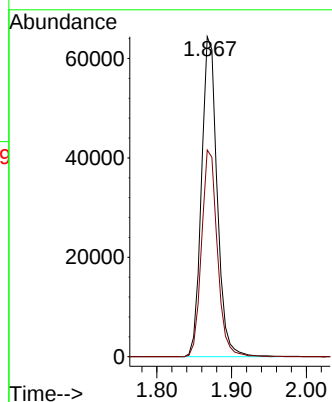
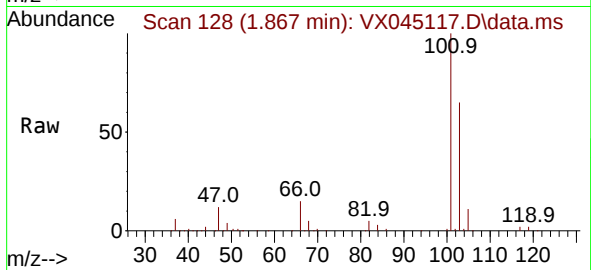




#7
Trichlorofluoromethane
Concen: 47.655 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045117.D
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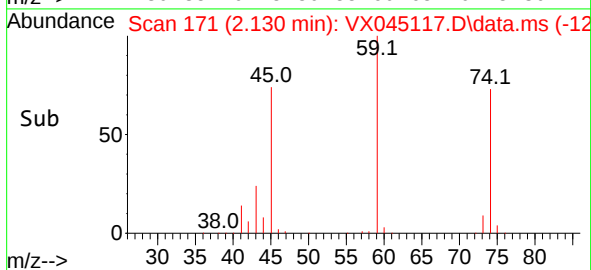
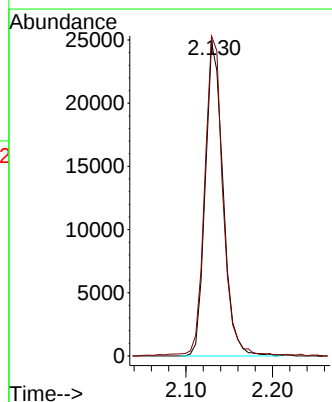
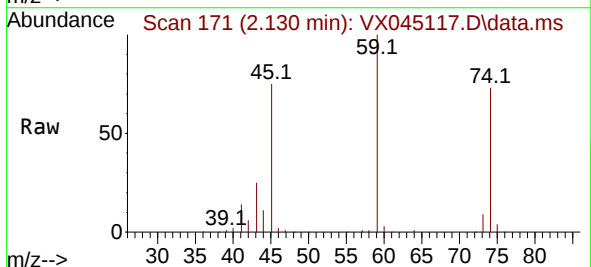
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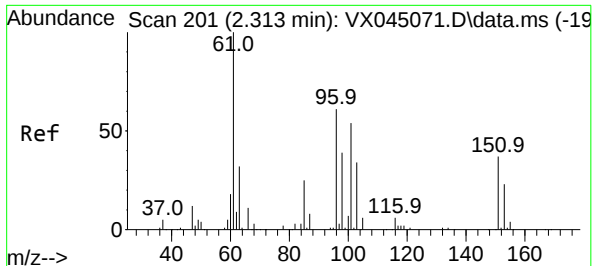
Tgt Ion:101 Resp: 93627
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1



#8
Diethyl Ether
Concen: 46.272 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 74 Resp: 35558
Ion Ratio Lower Upper
74 100
45 105.2 51.5 154.5

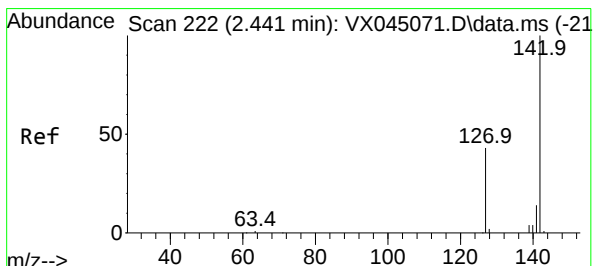
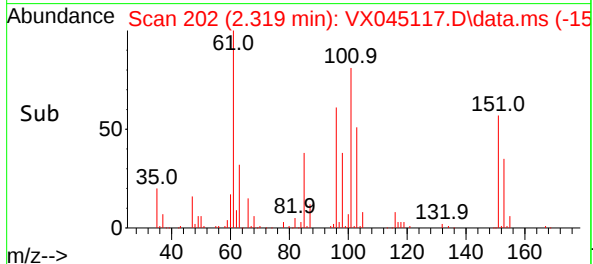
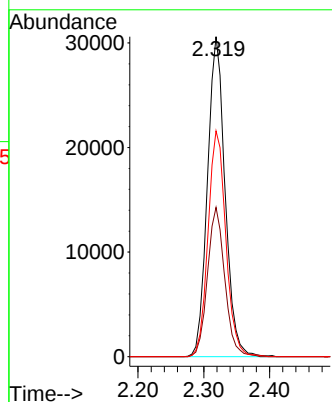
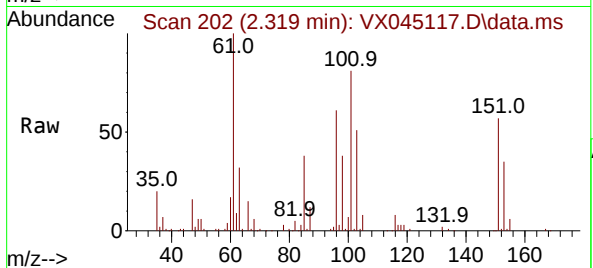




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.555 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045117.D
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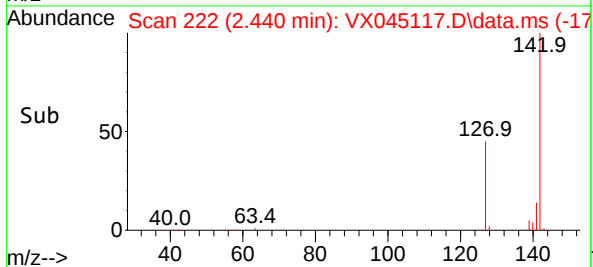
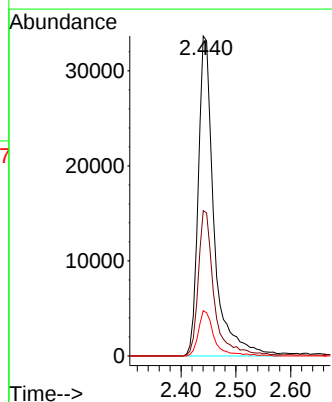
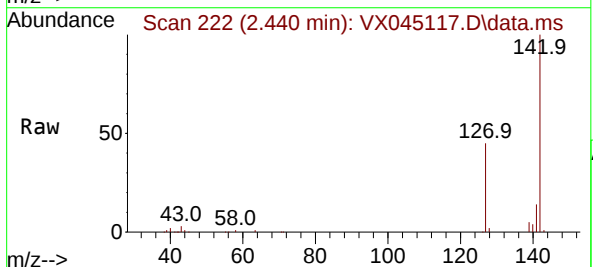
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

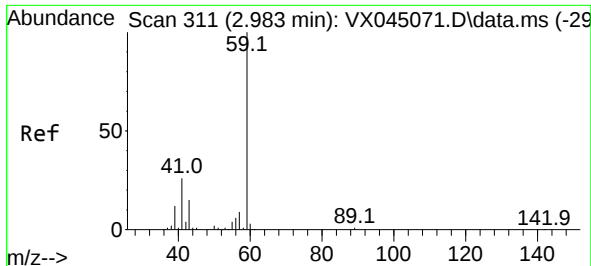
Tgt Ion:101 Resp: 57063
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 71.2 56.4 84.6



#10
Methyl Iodide
Concen: 48.085 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:142 Resp: 67827
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.2
141 14.0 11.6 17.4

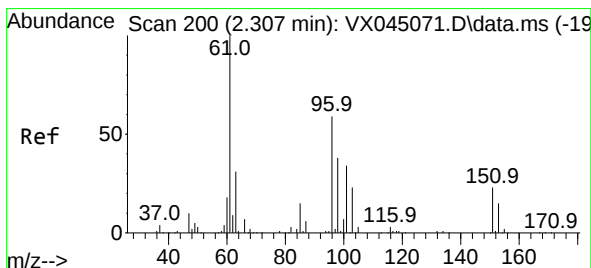
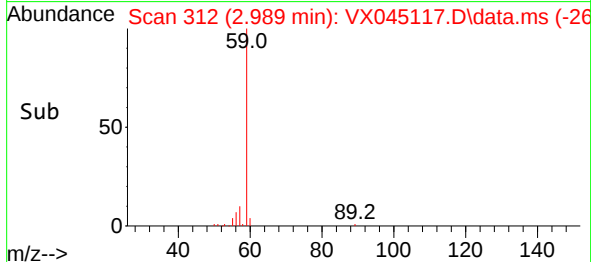
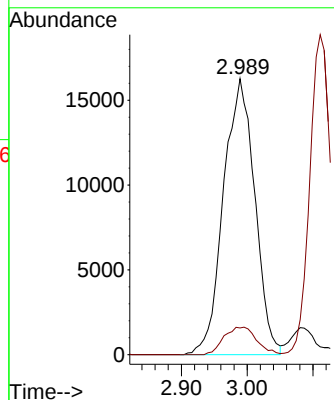
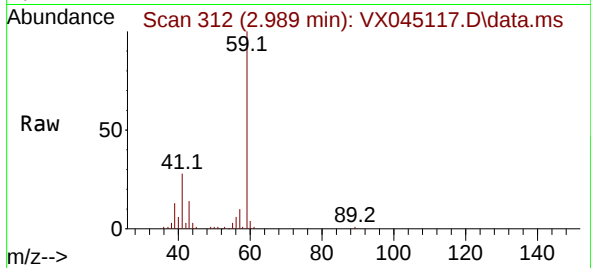




#11
Tert butyl alcohol
Concen: 184.131 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

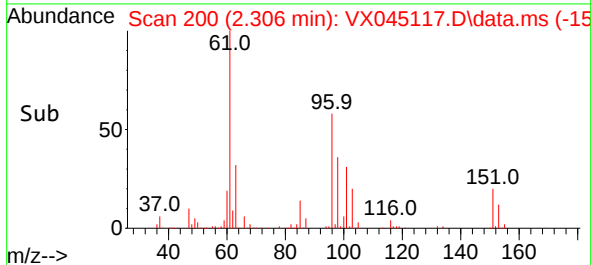
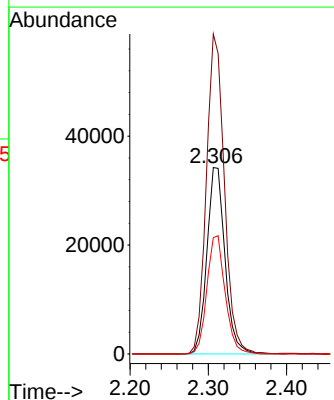
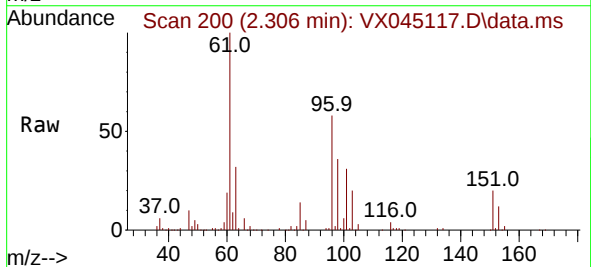
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

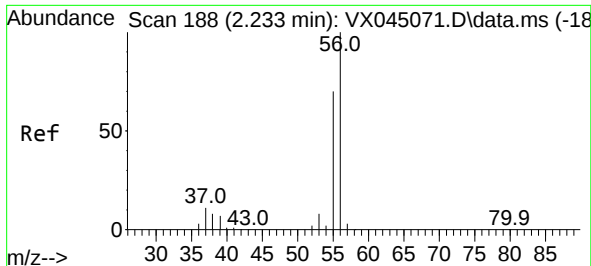
Tgt Ion: 59 Resp: 53878
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.009 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 96 Resp: 54905
Ion Ratio Lower Upper
96 100
61 171.7 134.6 202.0
98 62.4 51.0 76.6

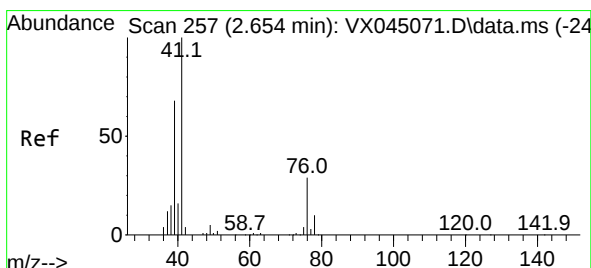
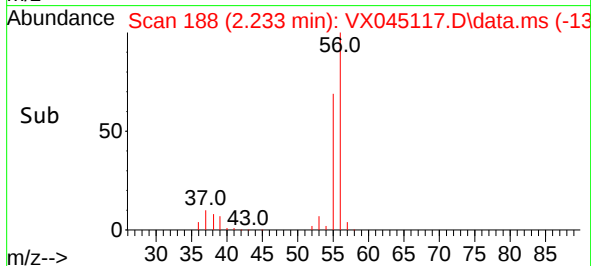
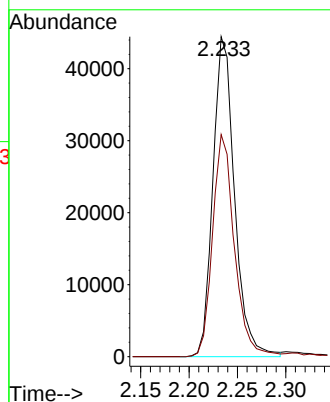
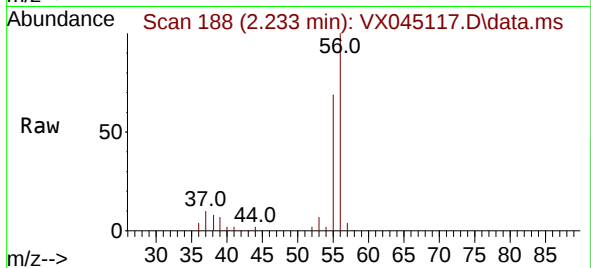




#13
Acrolein
Concen: 203.914 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

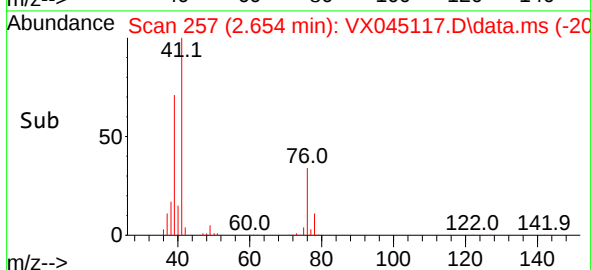
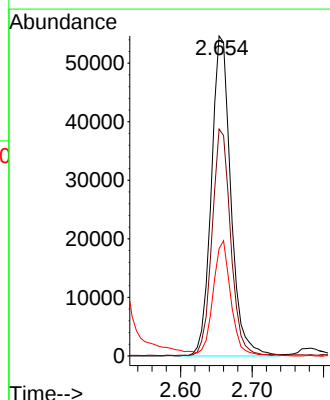
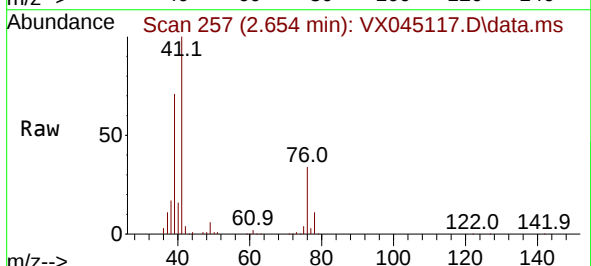
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

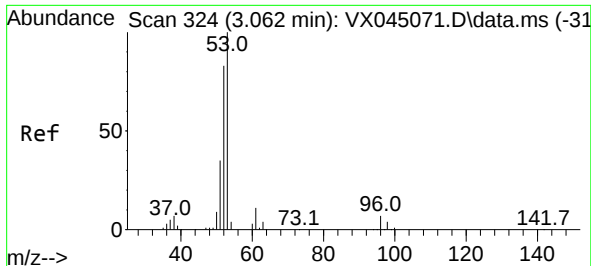
Tgt Ion: 56 Resp: 68973
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4



#14
Allyl chloride
Concen: 48.859 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 41 Resp: 103789
Ion Ratio Lower Upper
41 100
39 67.4 53.8 80.8
76 32.8 25.2 37.8

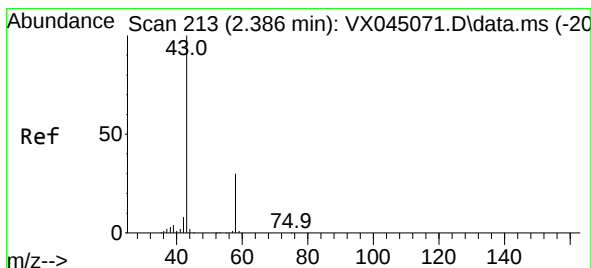
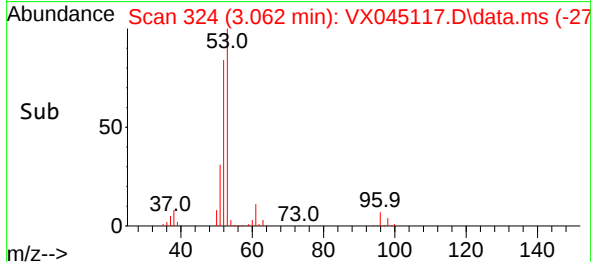
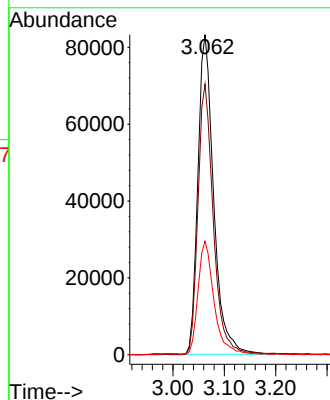
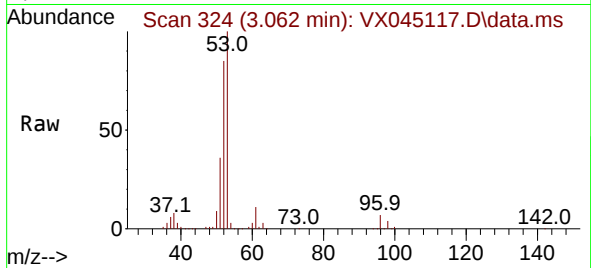




#15
Acrylonitrile
Concen: 226.390 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

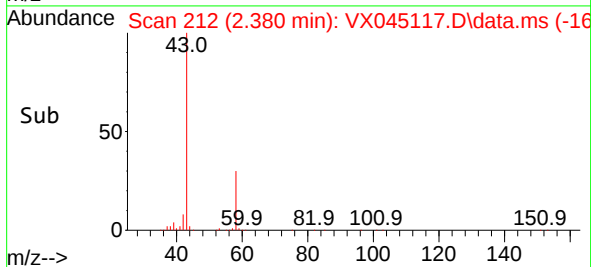
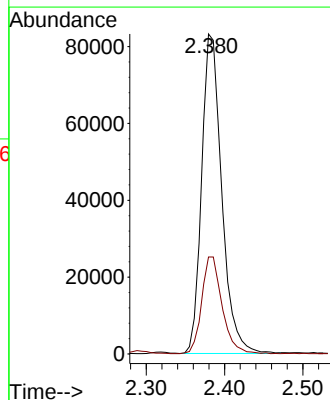
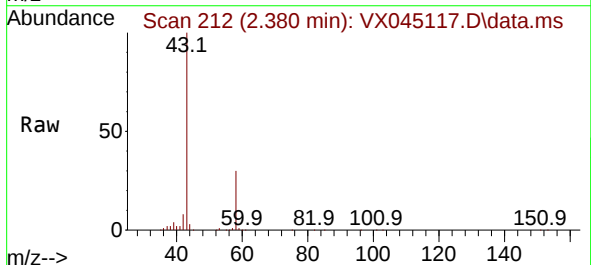
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

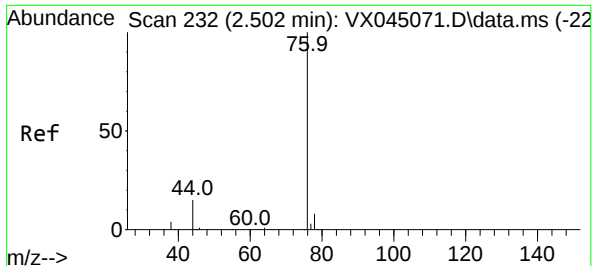
Tgt Ion: 53 Resp: 177540
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.6 29.0 43.4



#16
Acetone
Concen: 206.729 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 43 Resp: 148170
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4

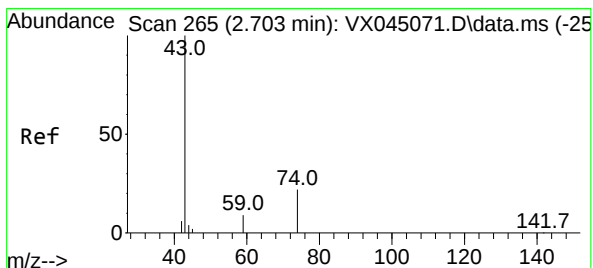
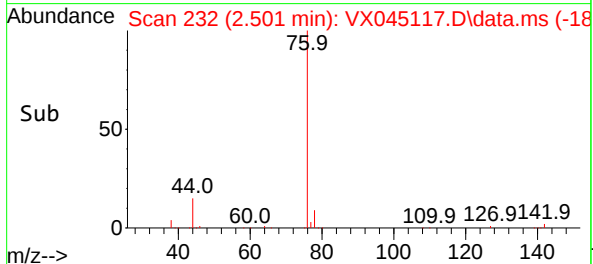
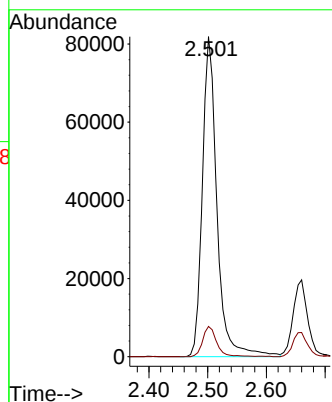
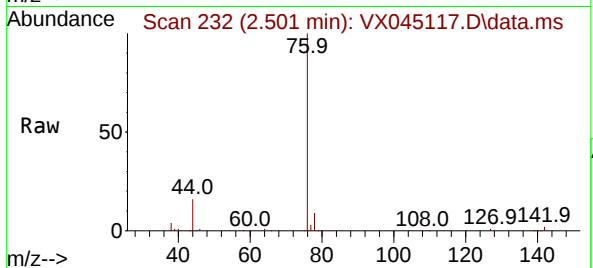




#17
Carbon Disulfide
Concen: 44.511 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

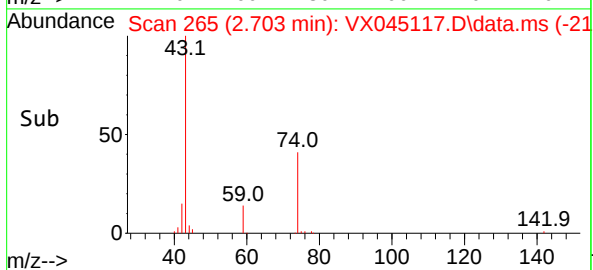
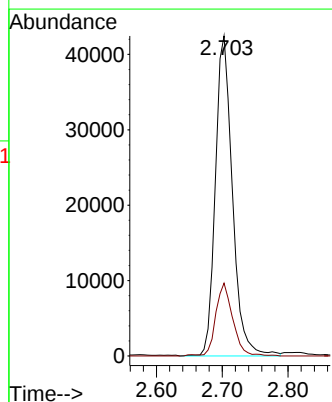
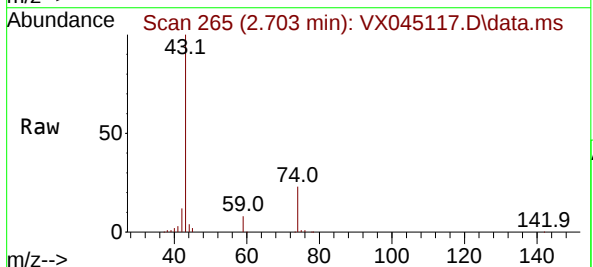
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

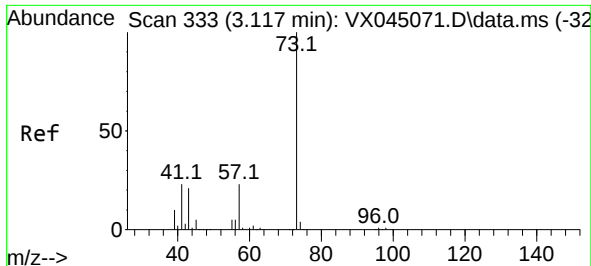
Tgt Ion: 76 Resp: 141476
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8



#18
Methyl Acetate
Concen: 44.502 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 43 Resp: 76731
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 47.624 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

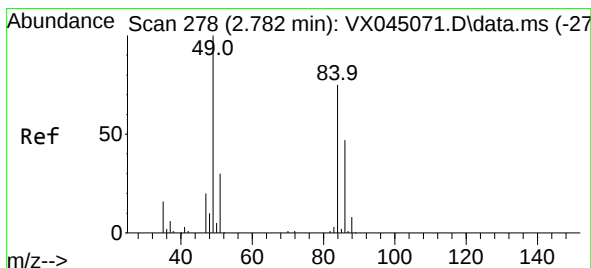
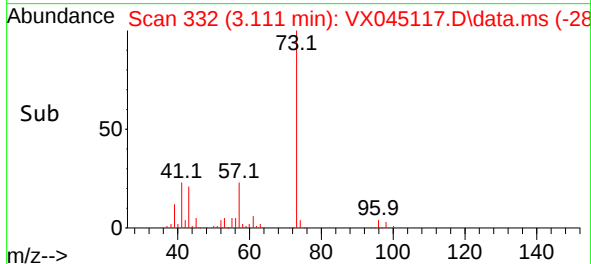
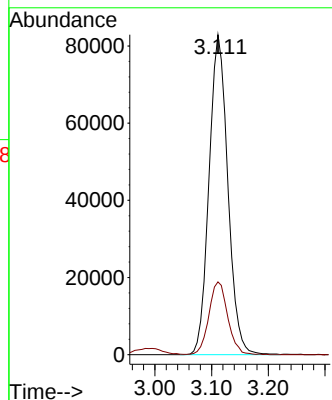
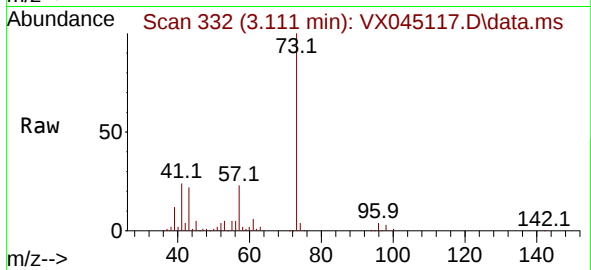
VSTDCCC050EC

Tgt Ion: 73 Resp: 190674

Ion Ratio Lower Upper

73 100

57 22.7 18.5 27.7



#20

Methylene Chloride

Concen: 45.072 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Tgt Ion: 84 Resp: 63992

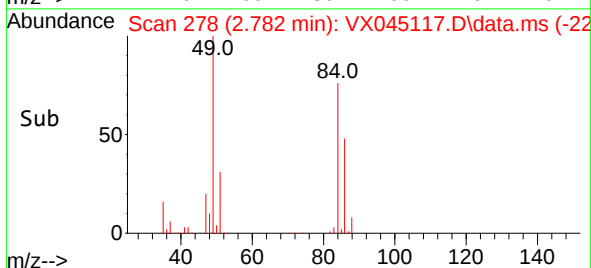
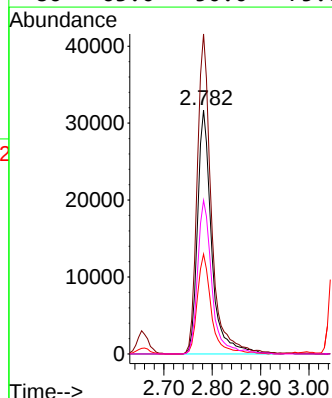
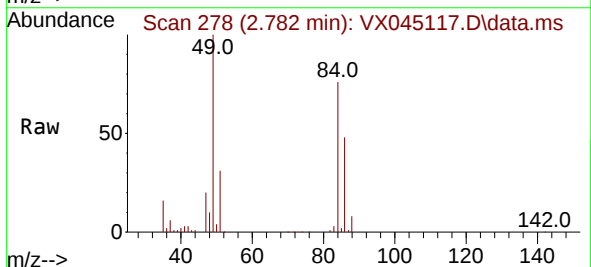
Ion Ratio Lower Upper

84 100

49 131.3 106.5 159.7

51 41.0 32.1 48.1

86 63.0 50.0 75.0

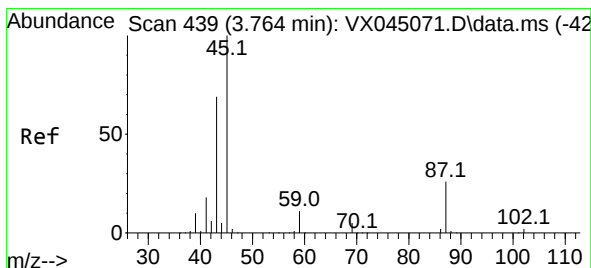
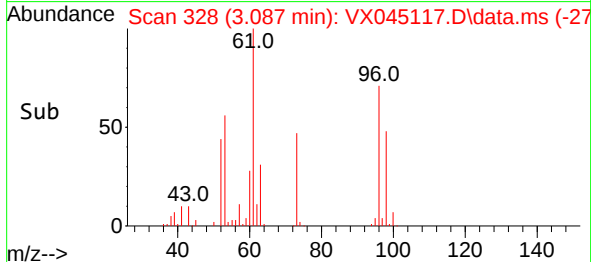
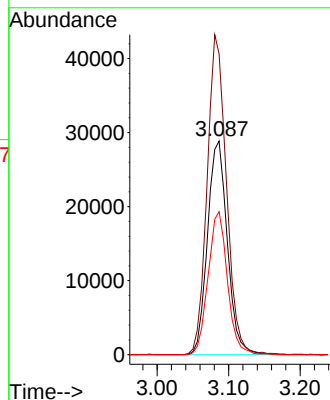
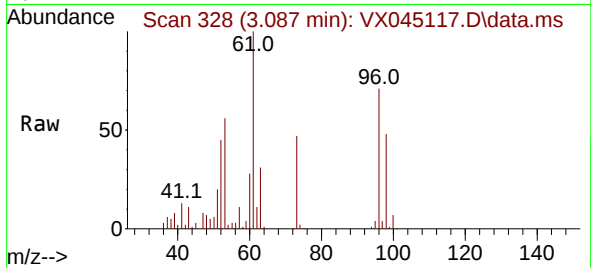




#21
trans-1,2-Dichloroethene
Concen: 47.209 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

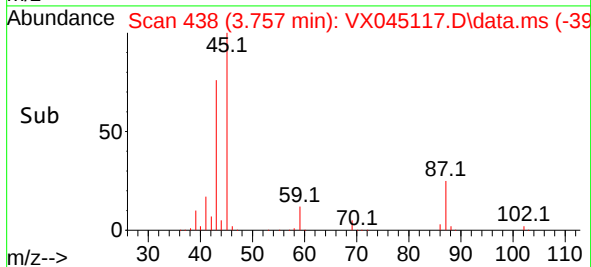
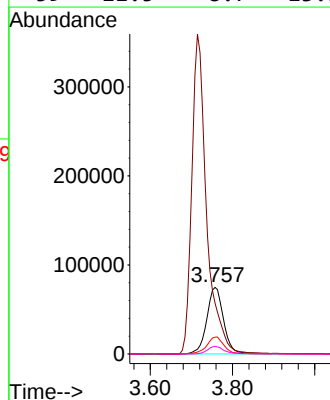
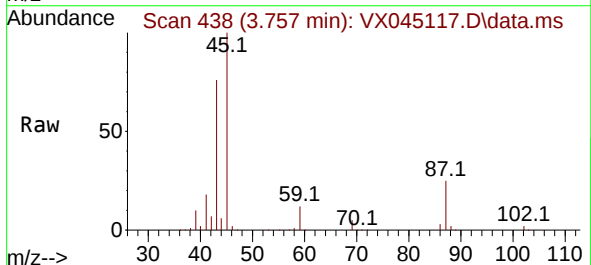
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

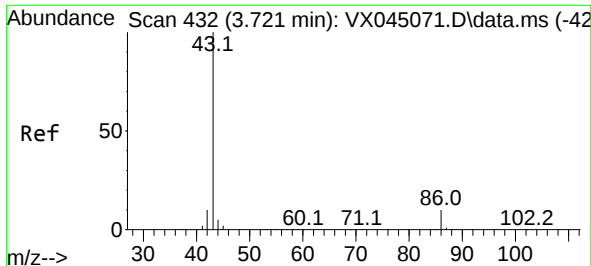
Tgt Ion: 96 Resp: 55658
Ion Ratio Lower Upper
96 100
61 140.9 117.0 175.4
98 66.9 53.4 80.2



#22
Diisopropyl ether
Concen: 49.028 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 45 Resp: 211808
Ion Ratio Lower Upper
45 100
43 75.7 54.9 82.3
87 25.4 21.0 31.4
59 11.5 8.7 13.1

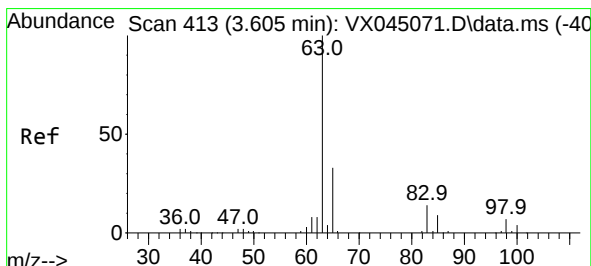
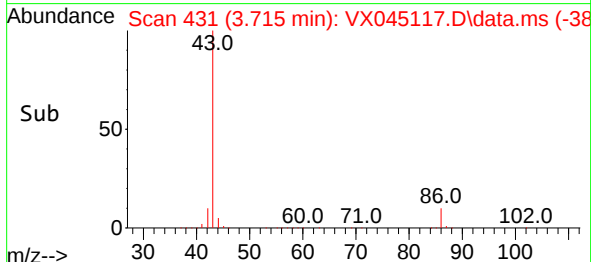
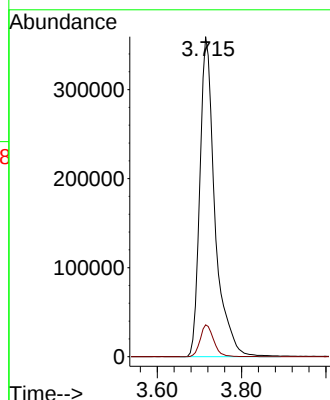
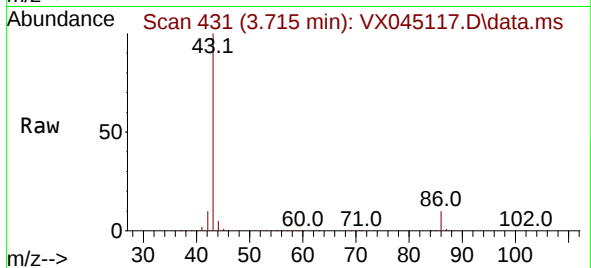




#23
 Vinyl Acetate
 Concen: 248.664 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

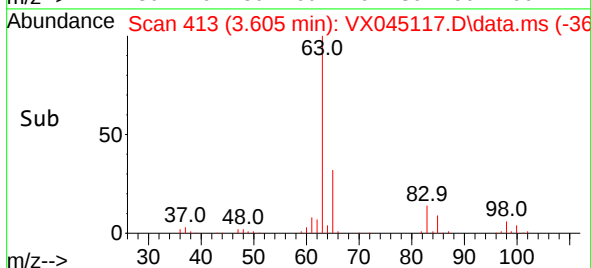
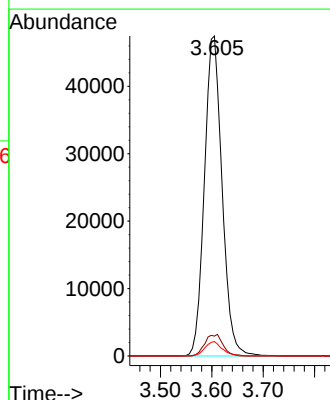
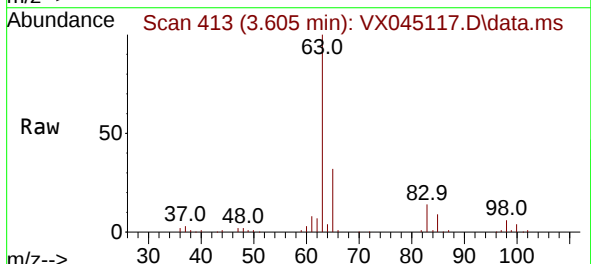
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

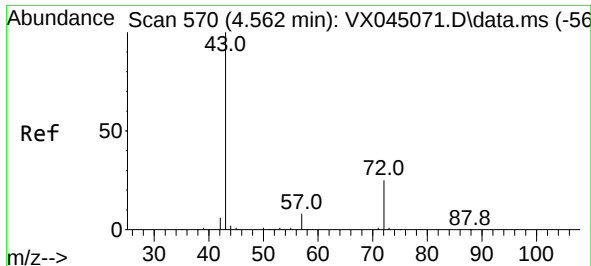
Tgt Ion: 43 Resp: 896490
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 46.761 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

Tgt Ion: 63 Resp: 113217
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.5 2.1 6.5

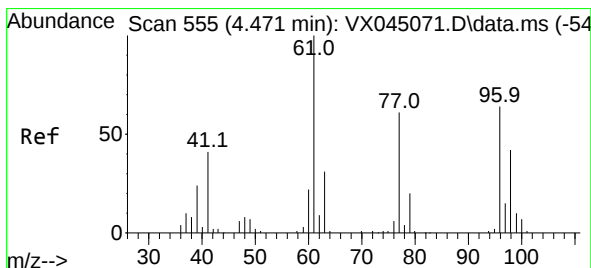
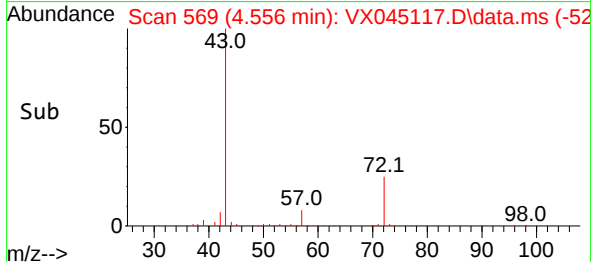
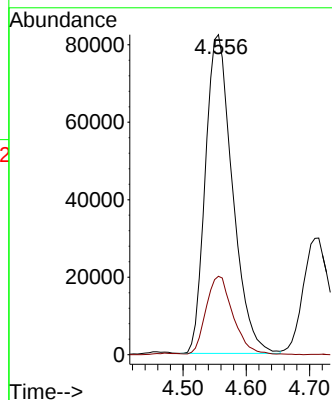
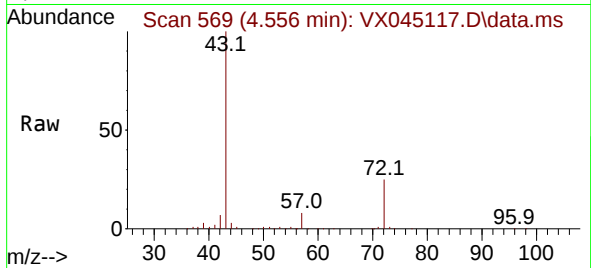




#25
2-Butanone
Concen: 227.075 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

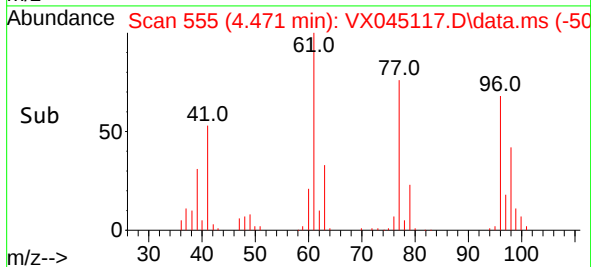
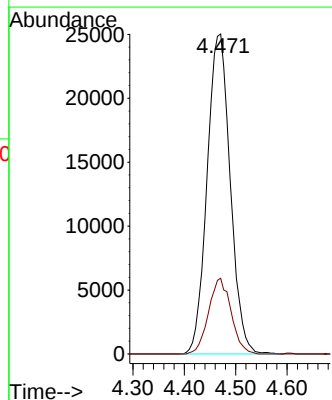
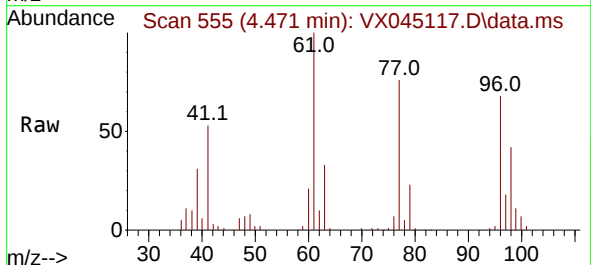
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

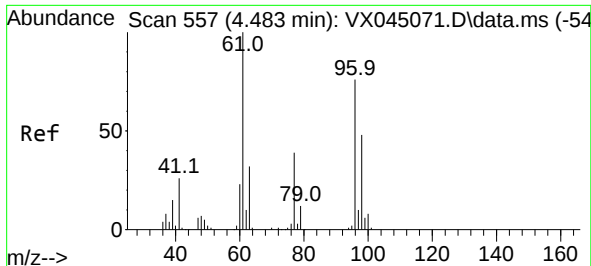
Tgt Ion: 43 Resp: 244983
Ion Ratio Lower Upper
43 100
72 24.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 68.822 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 77 Resp: 78158
Ion Ratio Lower Upper
77 100
97 23.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 47.237 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

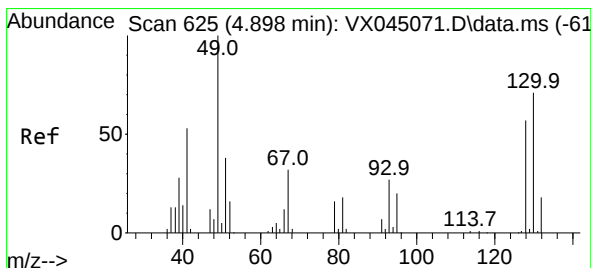
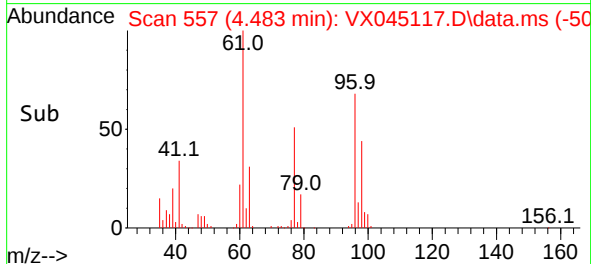
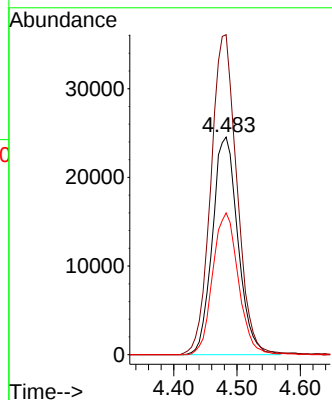
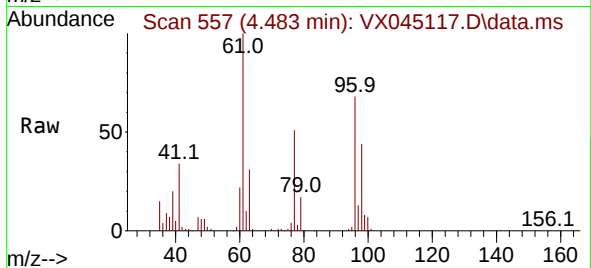
Tgt Ion: 96 Resp: 68748

Ion Ratio Lower Upper

96 100

61 150.4 0.0 283.2

98 65.5 0.0 128.0



#28

Bromochloromethane

Concen: 43.281 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

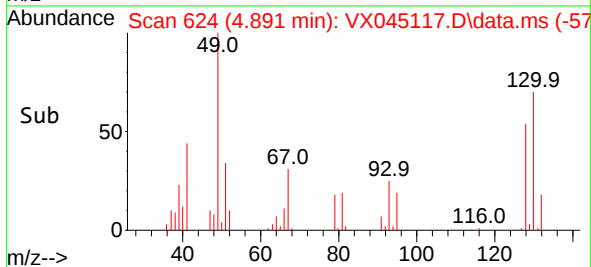
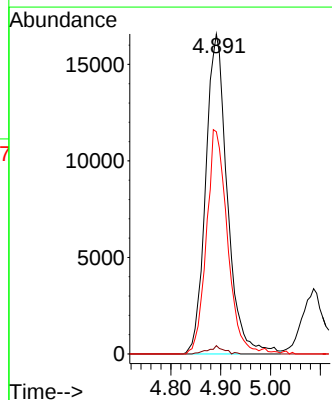
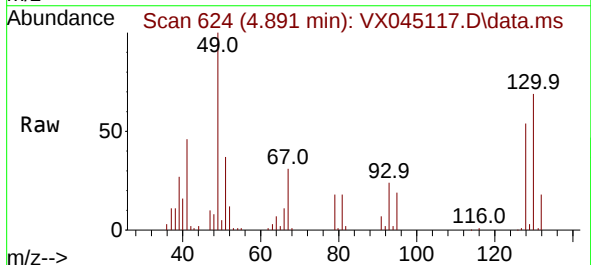
Tgt Ion: 49 Resp: 49948

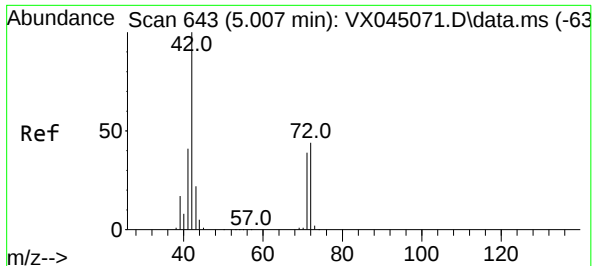
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 67.4 56.1 84.1





#29

Tetrahydrofuran

Concen: 218.292 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

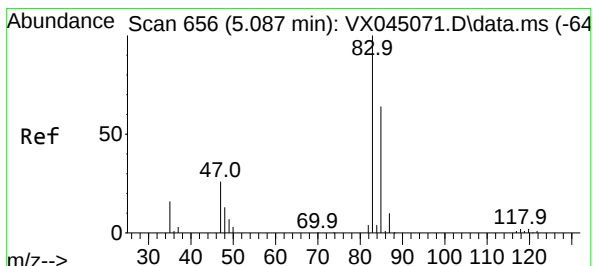
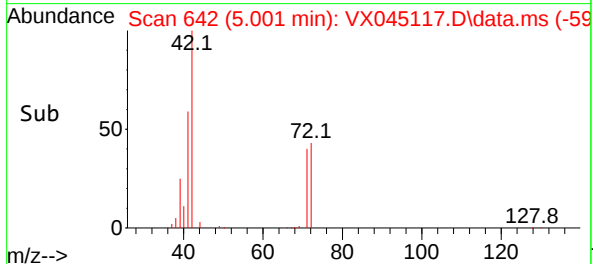
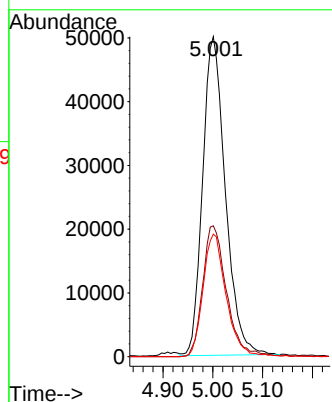
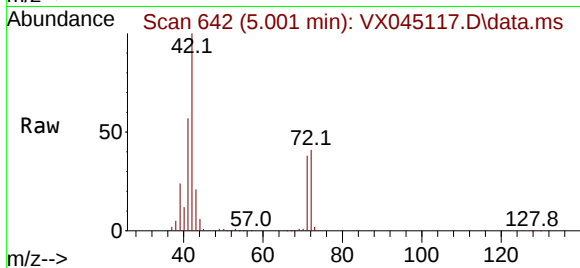
Tgt Ion: 42 Resp: 158155

Ion Ratio Lower Upper

42 100

72 43.1 34.1 51.1

71 39.1 31.4 47.0



#30

Chloroform

Concen: 46.469 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045117.D

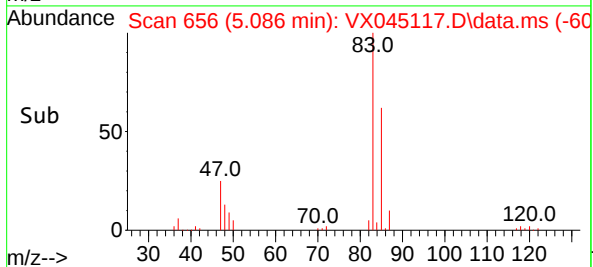
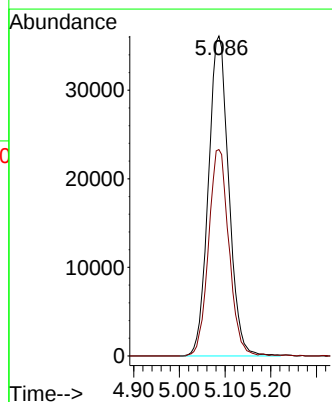
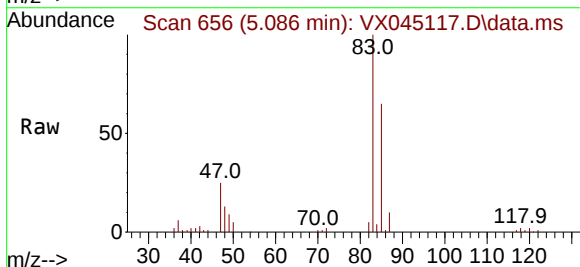
Acq: 03 Mar 2025 16:58

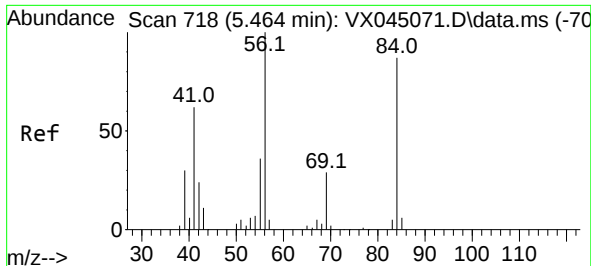
Tgt Ion: 83 Resp: 111790

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.2

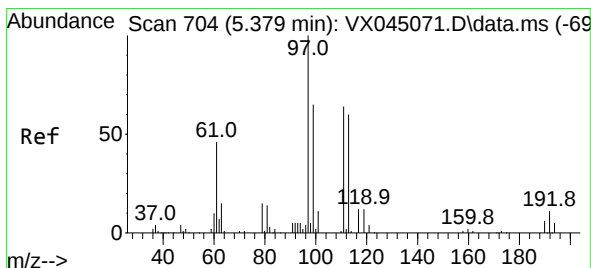
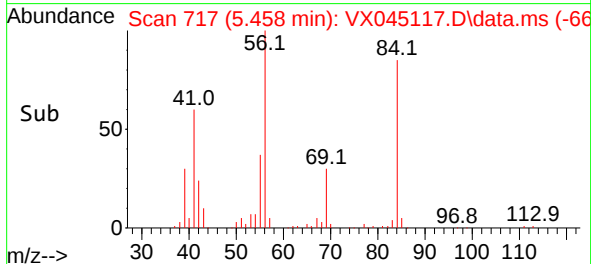
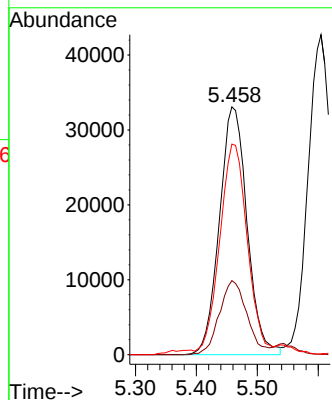
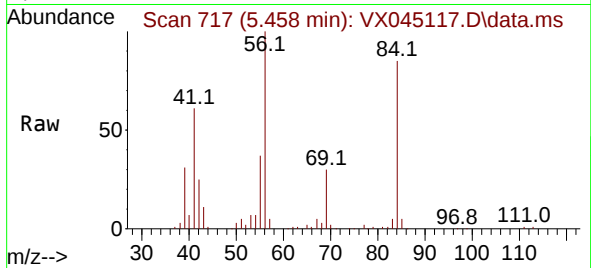




#31
Cyclohexane
Concen: 49.748 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

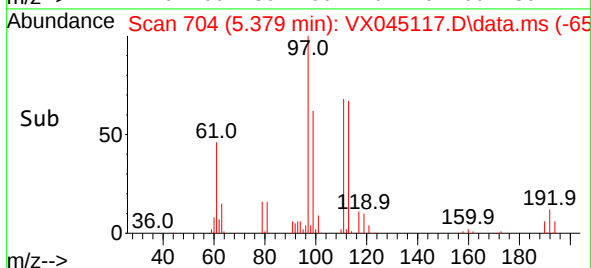
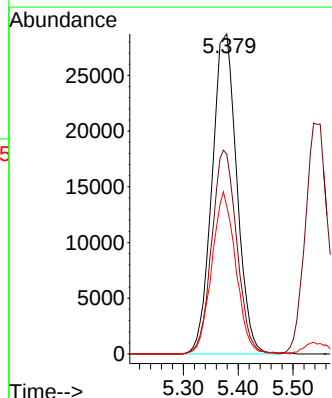
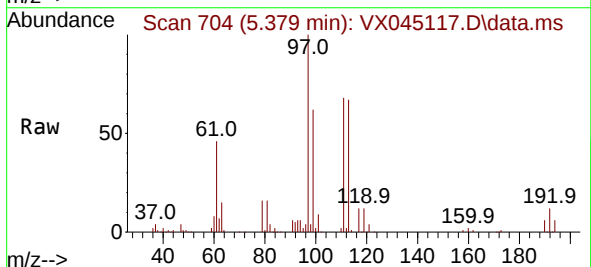
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

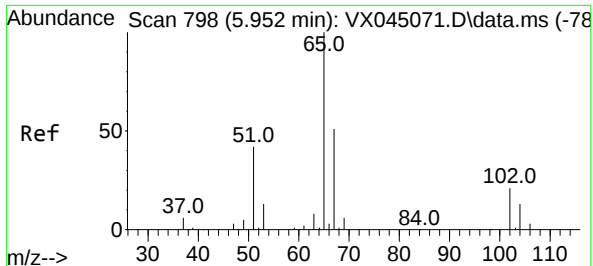
Tgt Ion: 56 Resp: 104556
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 83.2 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 46.631 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 97 Resp: 90604
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 48.8 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 48.430 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

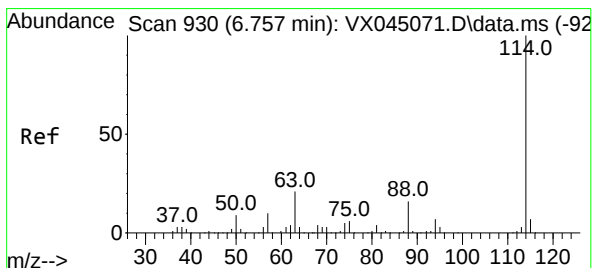
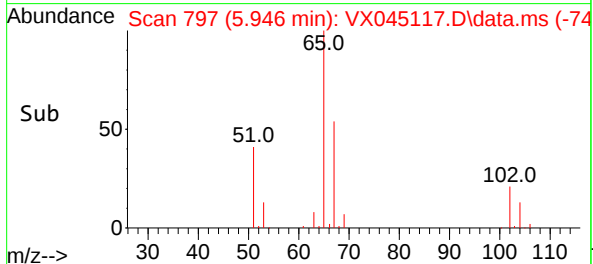
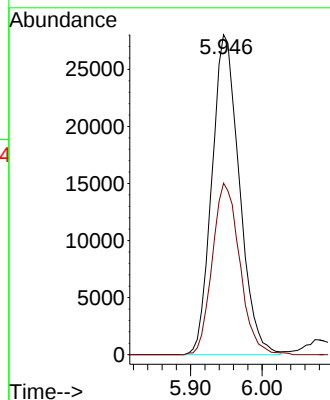
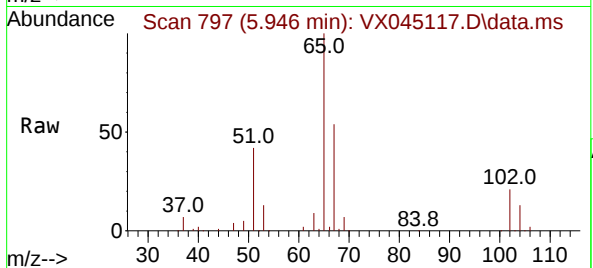
VSTDCCC050EC

Tgt Ion: 65 Resp: 74814

Ion Ratio Lower Upper

65 100

67 53.5 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: VX045117.D

Acq: 03 Mar 2025 16:58

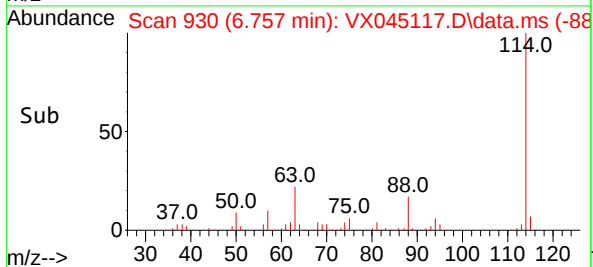
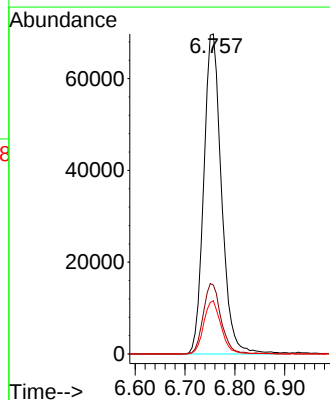
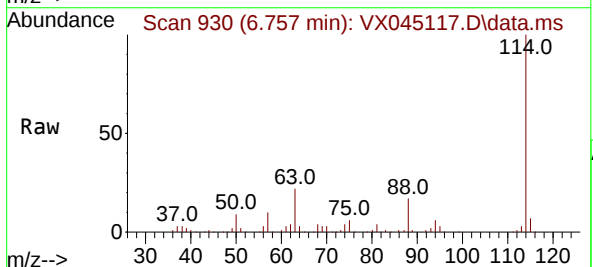
Tgt Ion: 114 Resp: 172299

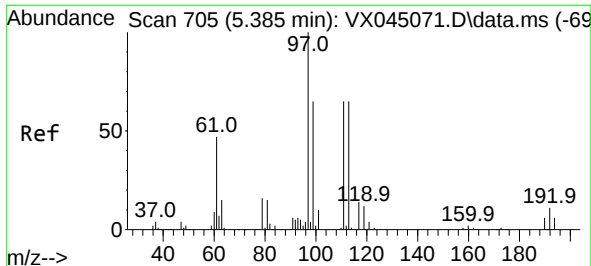
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.328 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

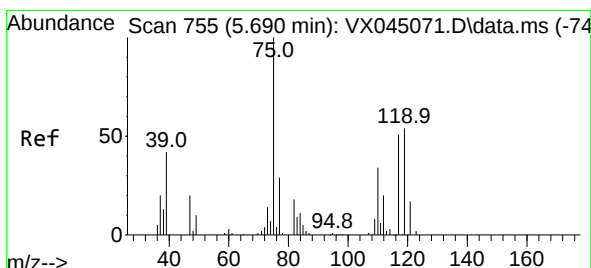
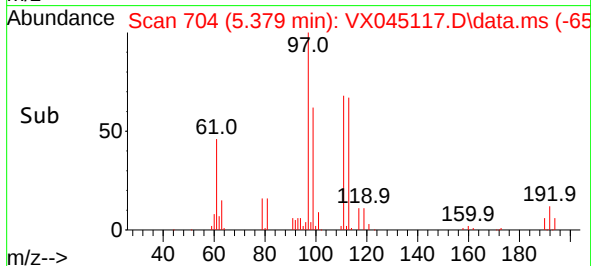
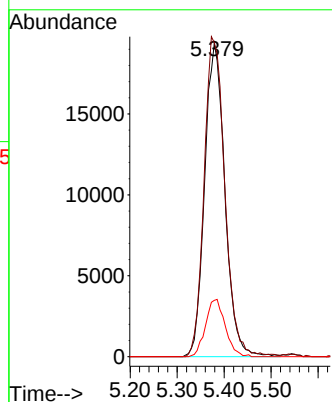
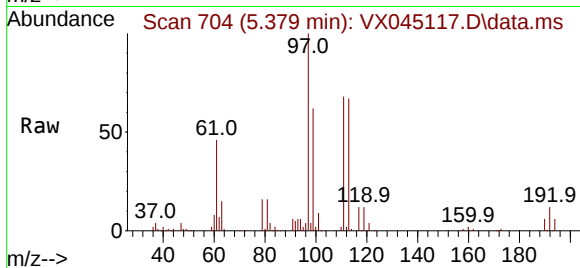
Tgt Ion:113 Resp: 57984

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.6

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.162 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

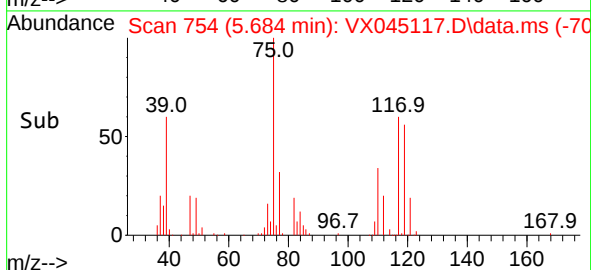
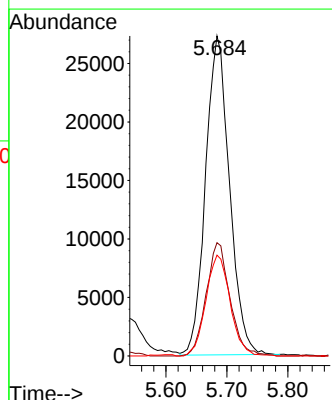
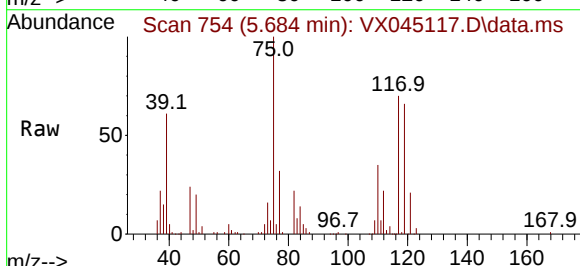
Tgt Ion: 75 Resp: 74516

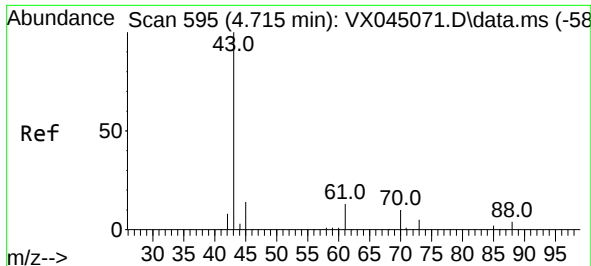
Ion Ratio Lower Upper

75 100

110 35.2 16.9 50.6

77 32.1 24.5 36.7





#37

Ethyl Acetate

Concen: 45.299 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

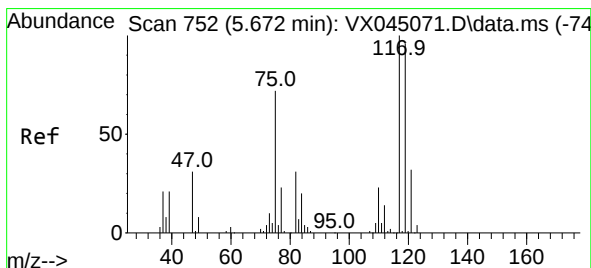
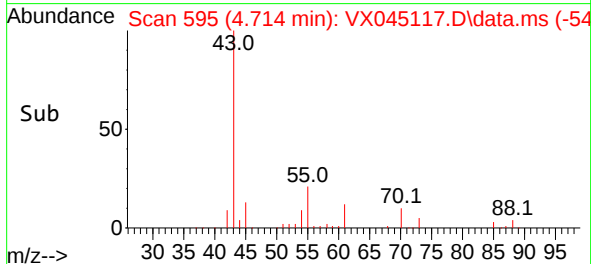
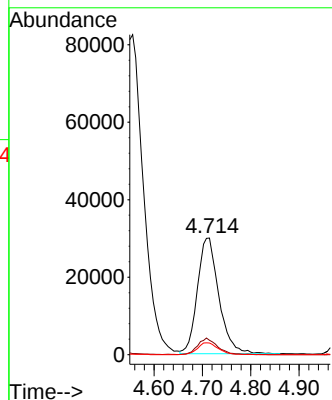
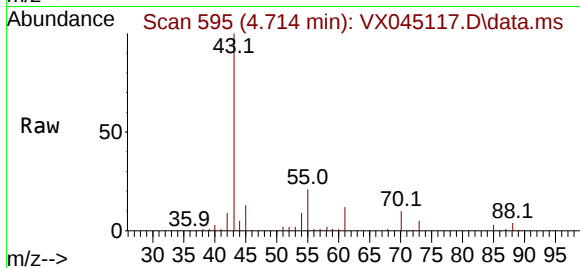
Tgt Ion: 43 Resp: 92227

Ion Ratio Lower Upper

43 100

61 12.6 10.8 16.2

70 10.0 7.7 11.5



#38

Carbon Tetrachloride

Concen: 46.459 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

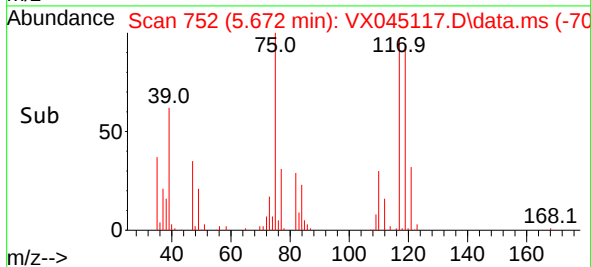
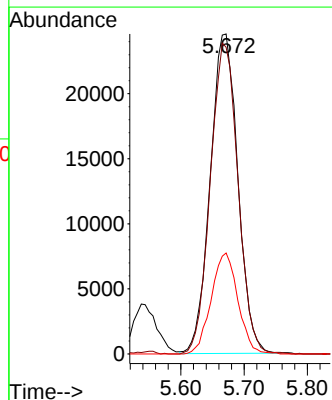
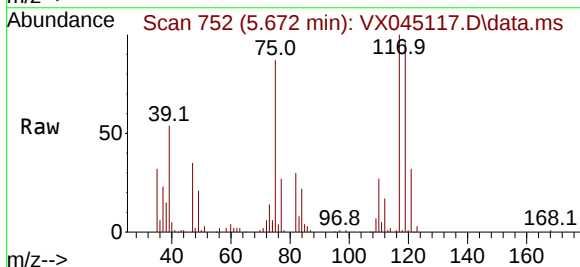
Tgt Ion: 117 Resp: 74525

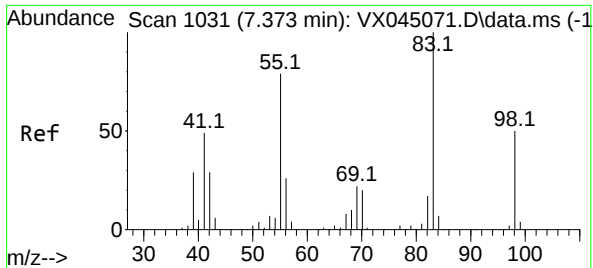
Ion Ratio Lower Upper

117 100

119 96.1 76.7 115.1

121 31.6 25.5 38.3

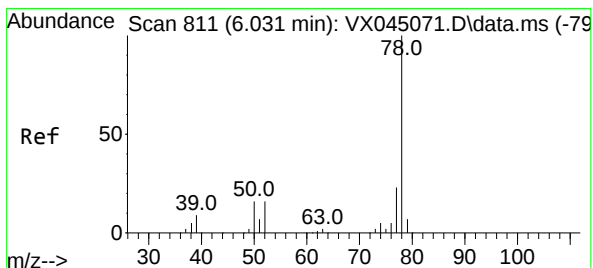
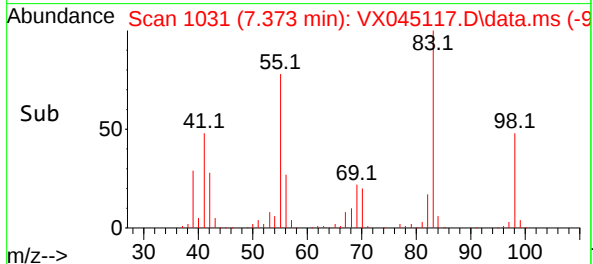
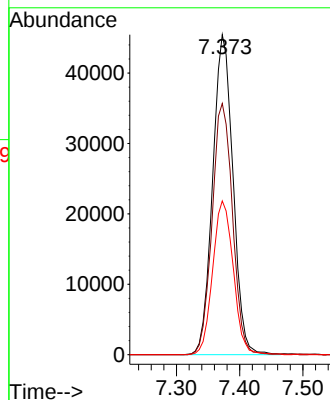
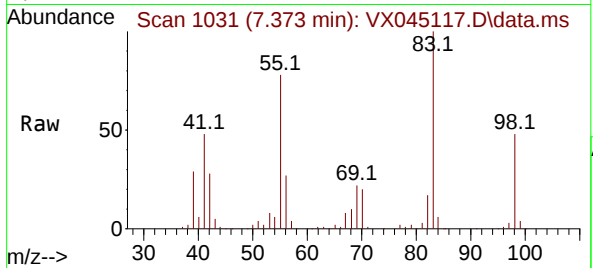




#39
Methylcyclohexane
Concen: 53.515 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

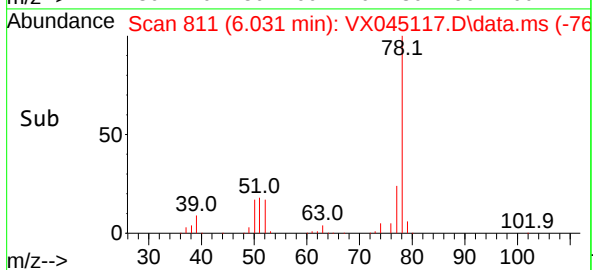
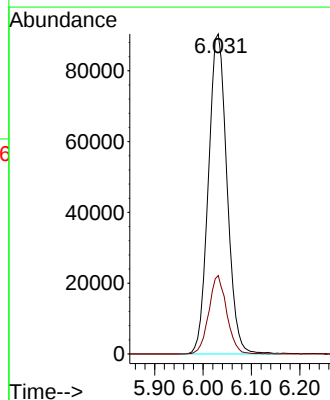
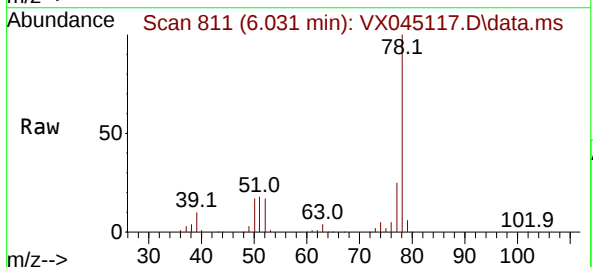
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	101316
Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.0	94.4
98	48.1	39.7	59.5



#40
Benzene
Concen: 48.453 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:	78	Resp:	241747
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2

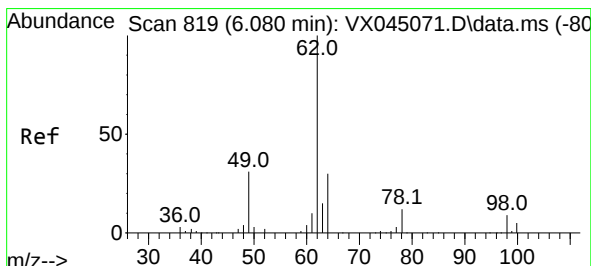
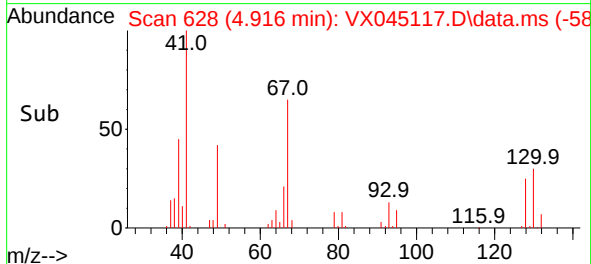
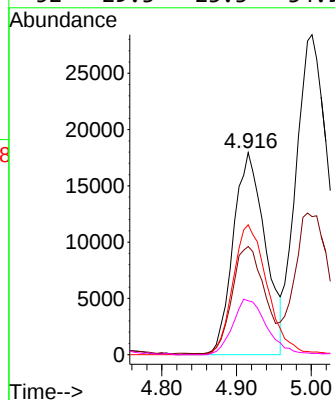
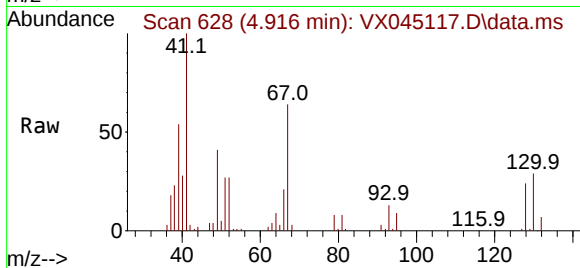




#41
Methacrylonitrile
Concen: 48.689 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

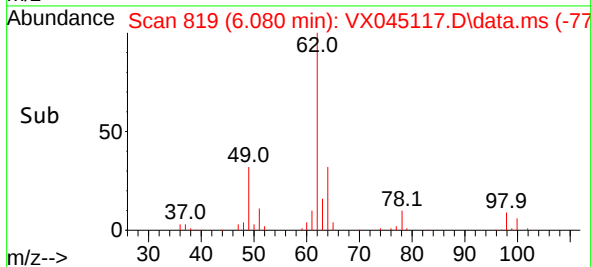
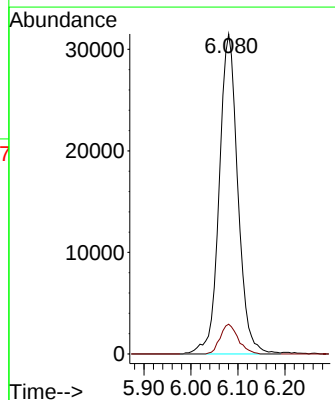
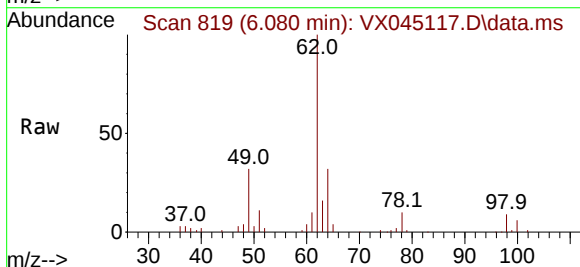
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

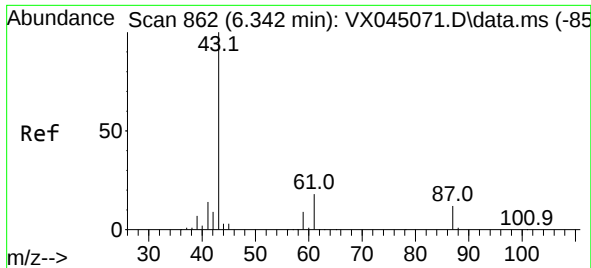
Tgt Ion:	41	Resp:	53600
Ion	Ratio	Lower	Upper
41	100		
39	52.7	44.6	67.0
67	69.1	53.9	80.9
52	29.3	23.3	34.9



#42
1,2-Dichloroethane
Concen: 48.371 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:	62	Resp:	86907
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

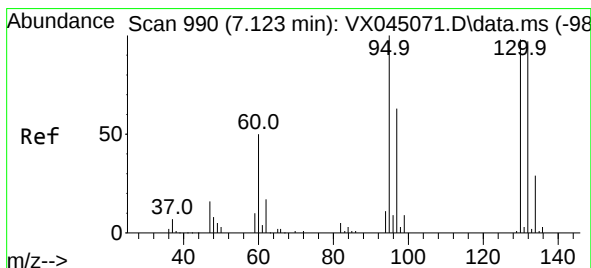
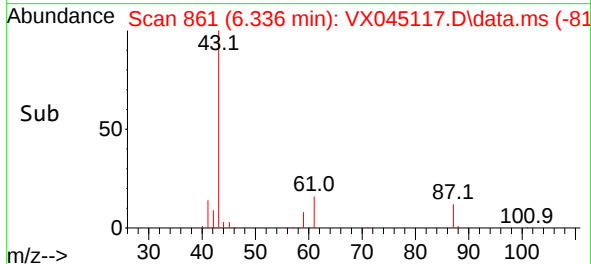
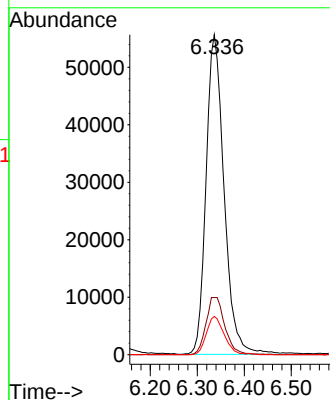
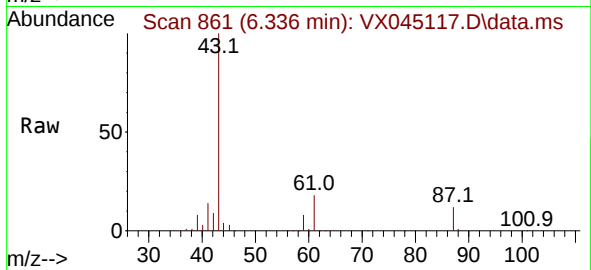




#43
Isopropyl Acetate
Concen: 49.107 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

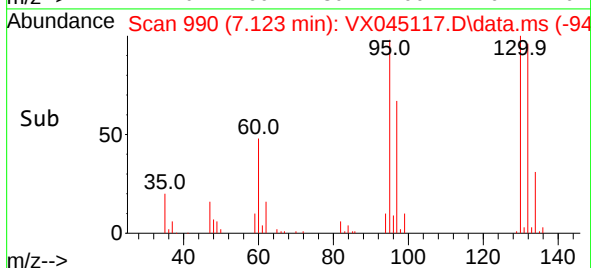
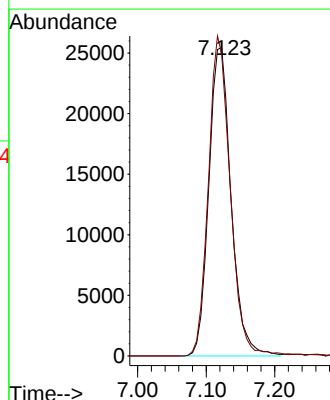
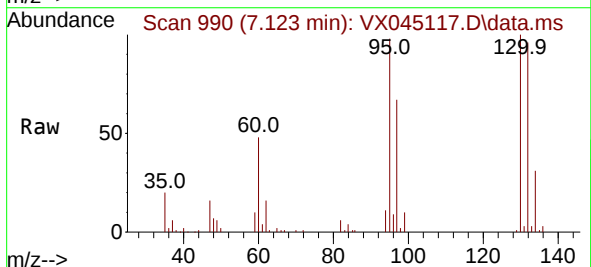
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 147841
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 11.7 9.4 14.2



#44
Trichloroethene
Concen: 49.013 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:130 Resp: 57421
Ion Ratio Lower Upper
130 100
95 97.9 0.0 205.0





#45

1,2-Dichloropropane

Concen: 48.278 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

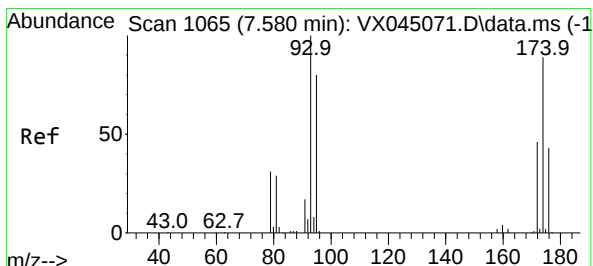
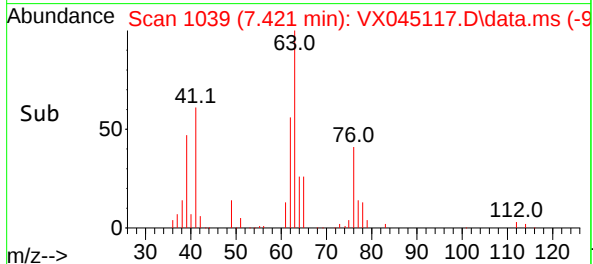
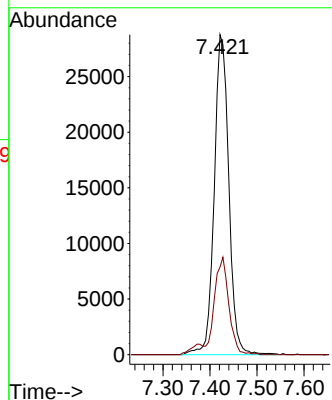
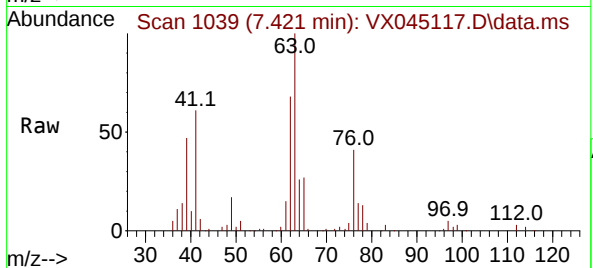
VSTDCCC050EC

Tgt Ion: 63 Resp: 61931

Ion Ratio Lower Upper

63 100

65 27.4 24.7 37.1



#46

Dibromomethane

Concen: 48.651 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

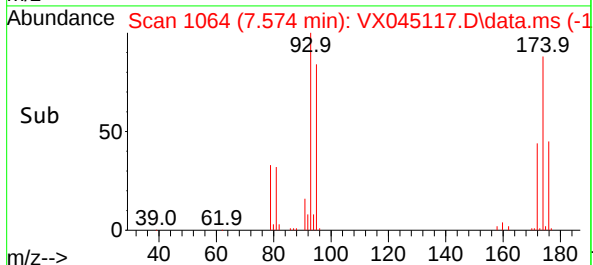
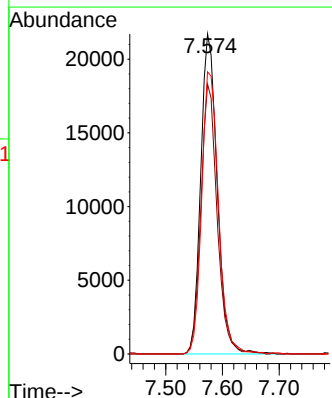
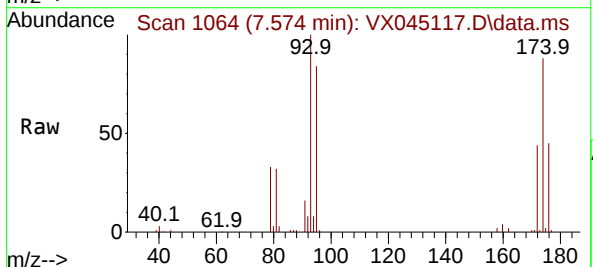
Tgt Ion: 93 Resp: 44112

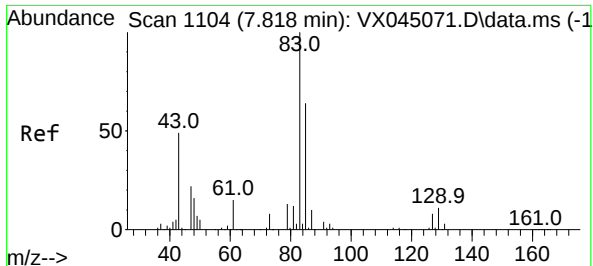
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 89.8 72.2 108.2





#47

Bromodichloromethane

Concen: 49.106 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

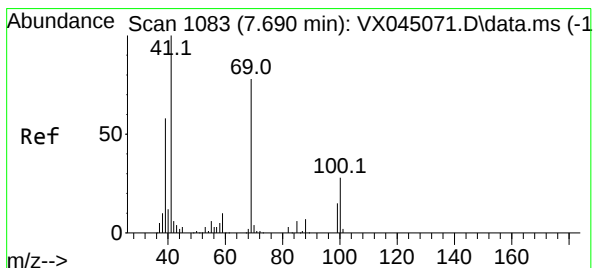
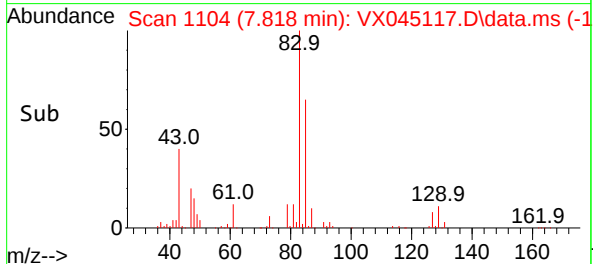
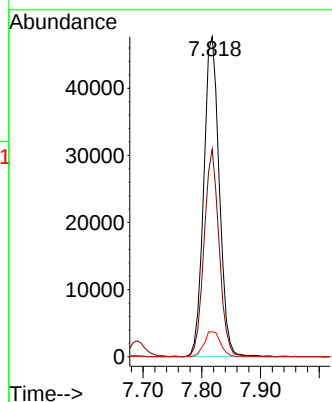
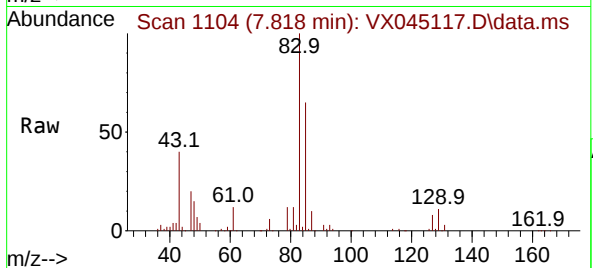
Tgt Ion: 83 Resp: 87333

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

127 7.8 6.4 9.6



#48

Methyl methacrylate

Concen: 48.911 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

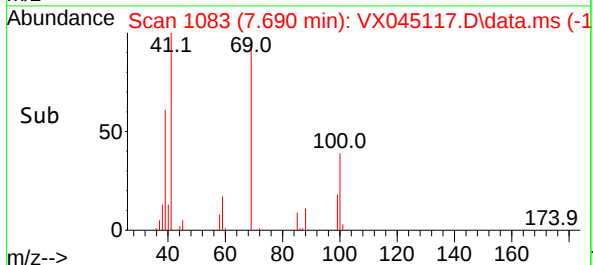
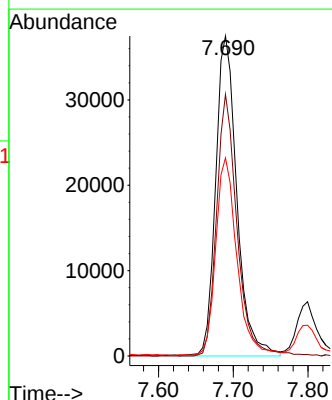
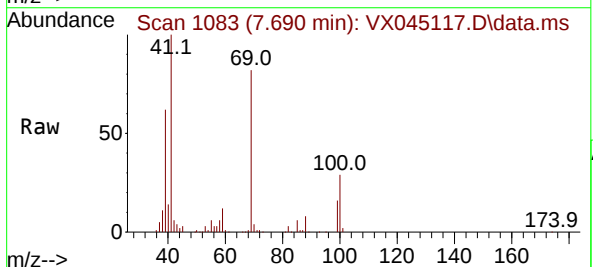
Tgt Ion: 41 Resp: 73875

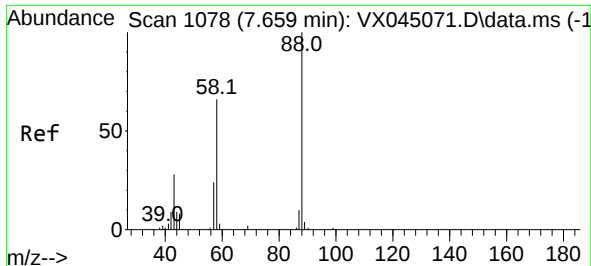
Ion Ratio Lower Upper

41 100

69 78.9 63.0 94.6

39 61.5 47.5 71.3





#49

1,4-Dioxane

Concen: 915.224 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

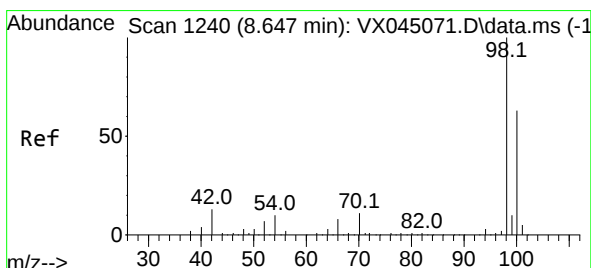
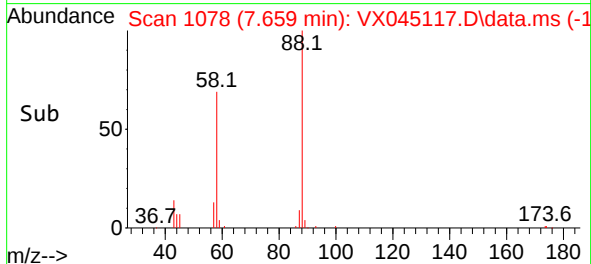
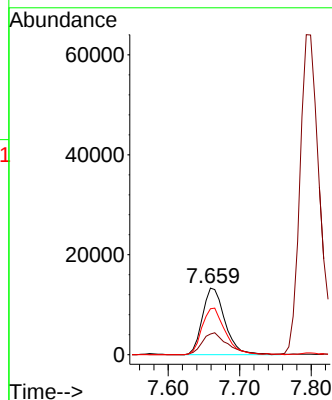
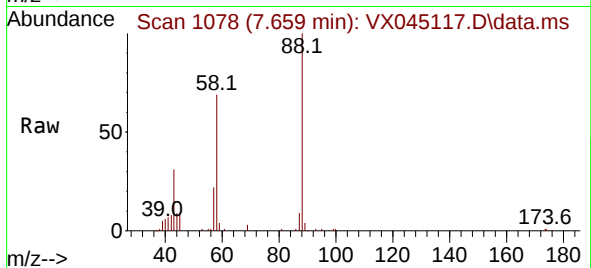
Tgt Ion: 88 Resp: 29159

Ion Ratio Lower Upper

88 100

43 37.2 28.7 43.1

58 71.3 55.8 83.8



#50

Toluene-d8

Concen: 50.959 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045117.D

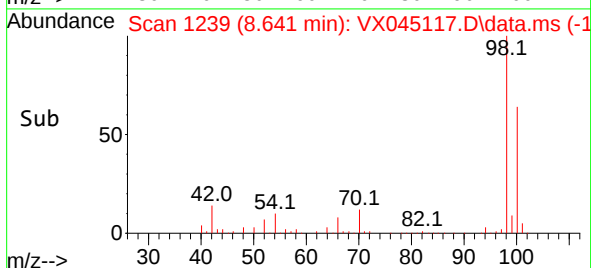
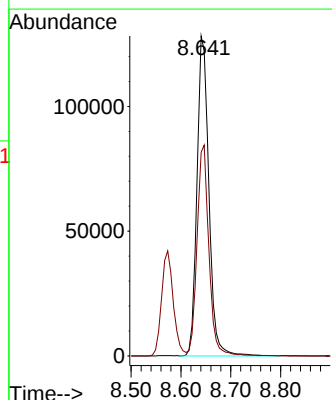
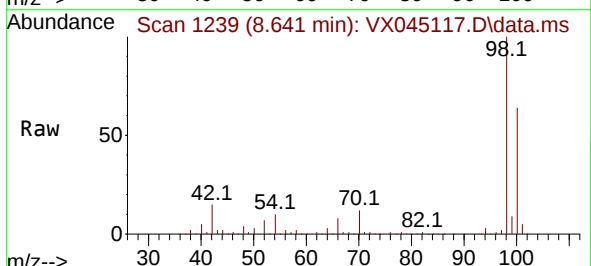
Acq: 03 Mar 2025 16:58

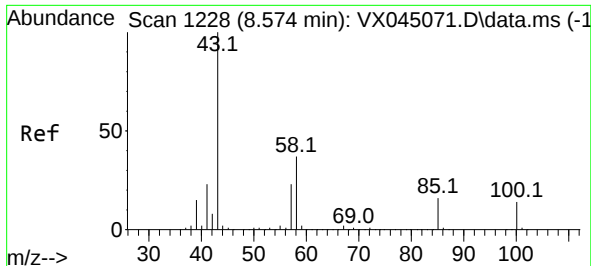
Tgt Ion: 98 Resp: 212847

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

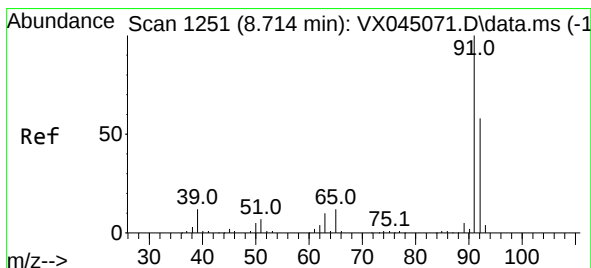
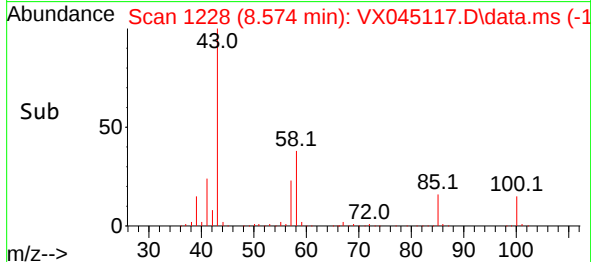
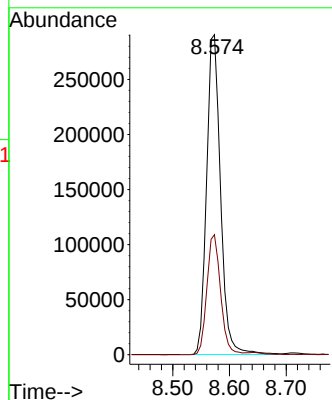
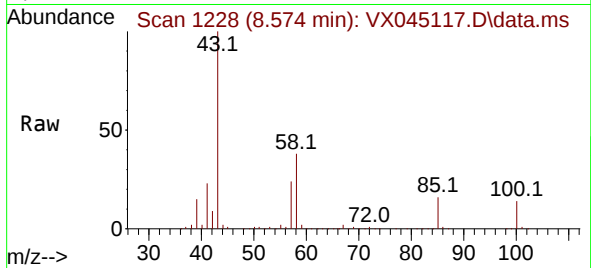




#51
4-Methyl-2-Pentanone
Concen: 245.201 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

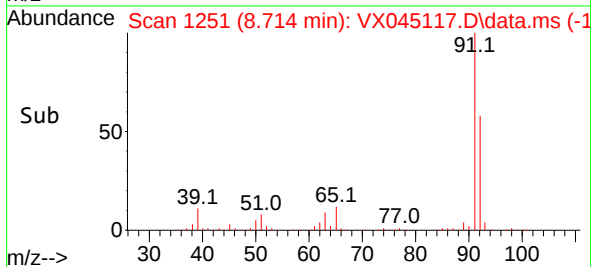
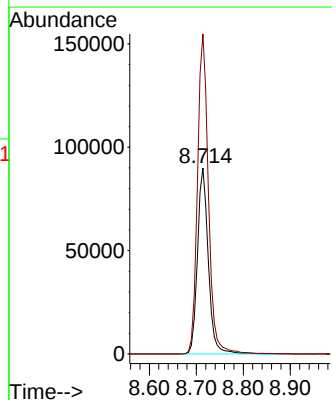
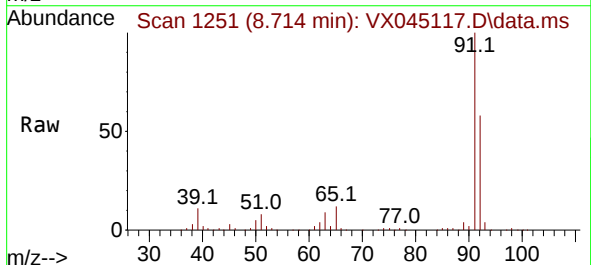
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

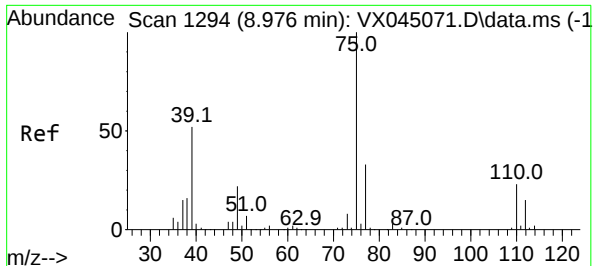
Tgt Ion: 43 Resp: 495660
Ion Ratio Lower Upper
43 100
58 37.1 29.2 43.8



#52
Toluene
Concen: 49.438 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 92 Resp: 144721
Ion Ratio Lower Upper
92 100
91 174.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 54.435 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

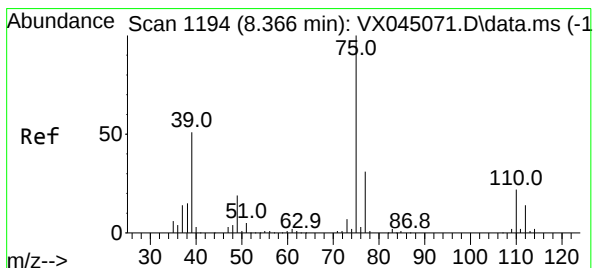
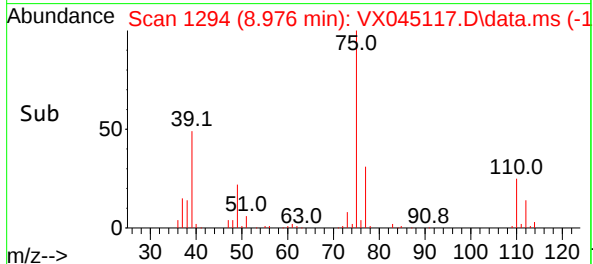
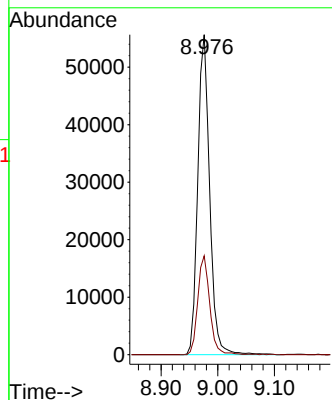
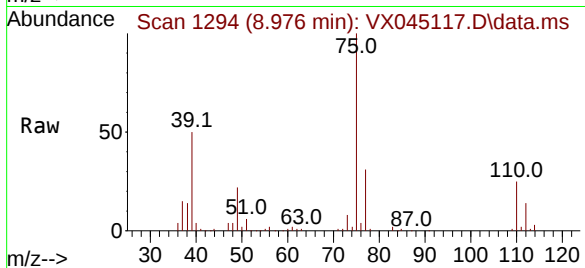
VSTDCCC050EC

Tgt Ion: 75 Resp: 80935

Ion Ratio Lower Upper

75 100

77 30.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 53.645 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

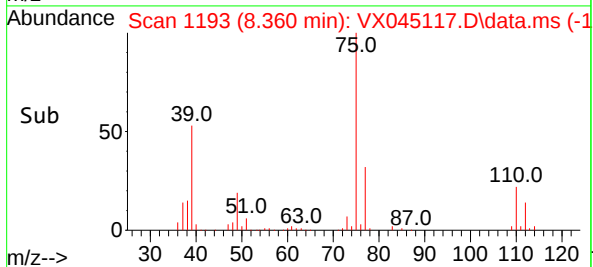
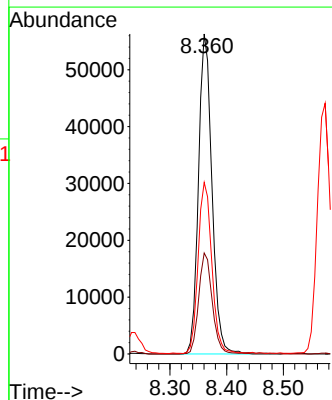
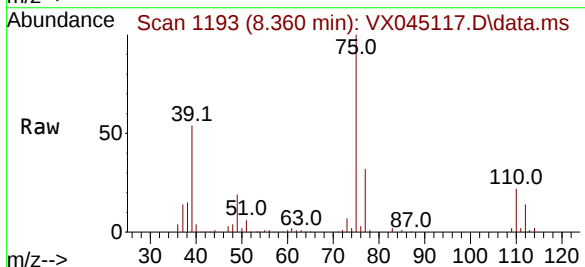
Tgt Ion: 75 Resp: 93008

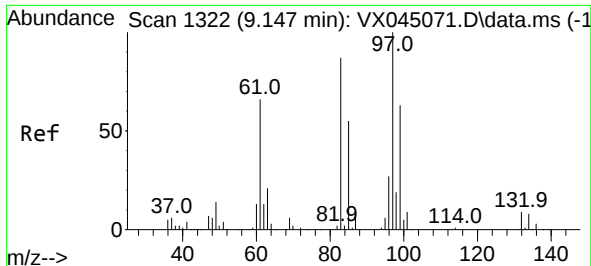
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 53.4 40.7 61.1

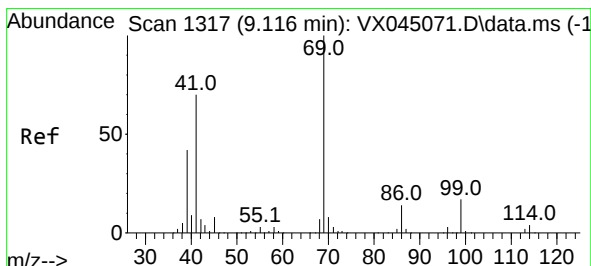
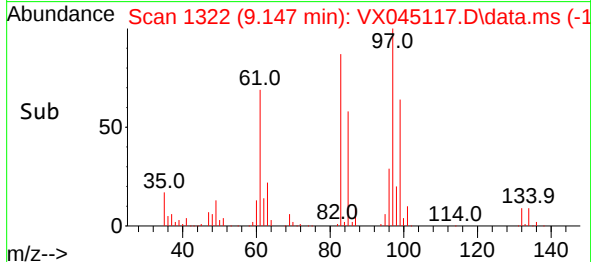
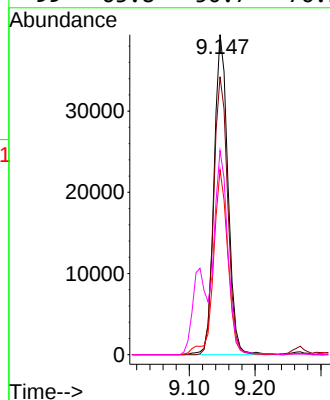
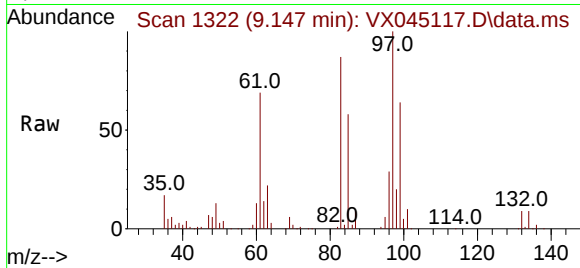




#55
 1,1,2-Trichloroethane
 Concen: 48.233 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

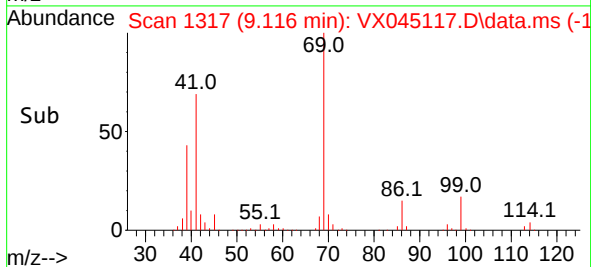
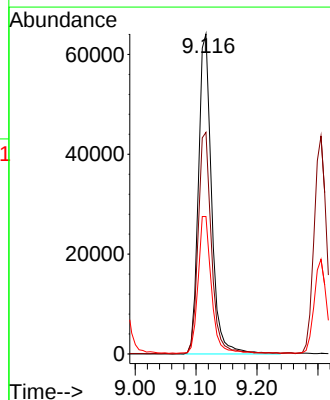
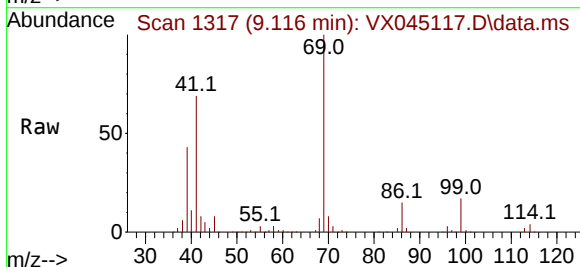
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

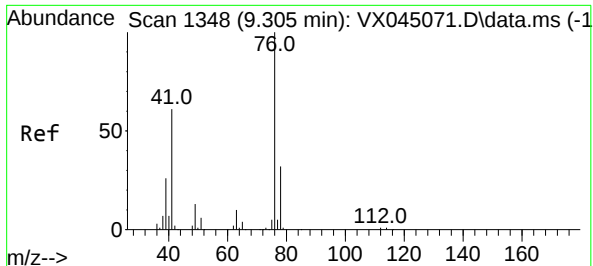
Tgt Ion:	97	Resp:	58126
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.4	104.2
85	57.8	44.1	66.1
99	63.8	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 52.564 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

Tgt Ion:	69	Resp:	96290
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.0	85.4
39	43.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 49.149 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

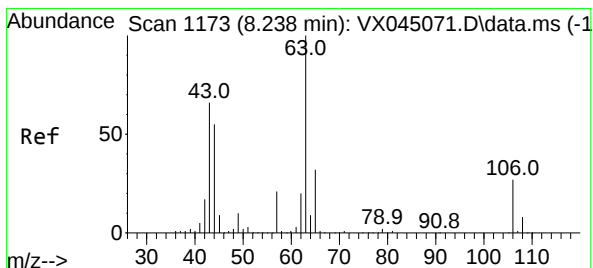
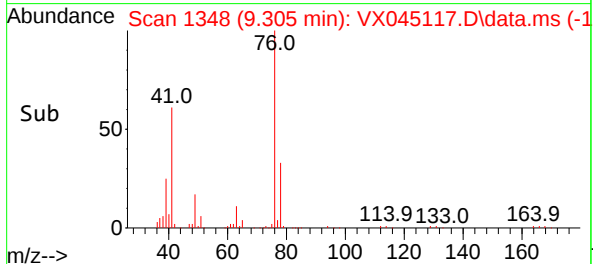
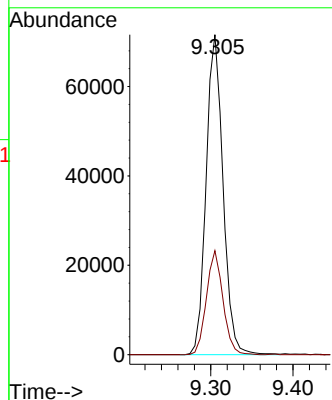
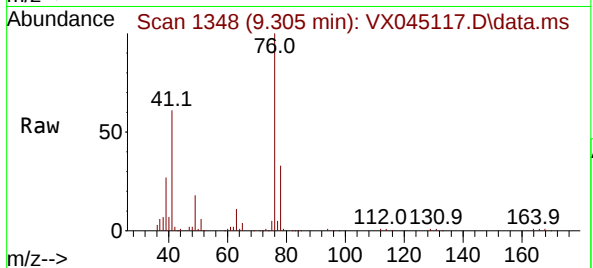
VSTDCCC050EC

Tgt Ion: 76 Resp: 102503

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 270.144 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045117.D

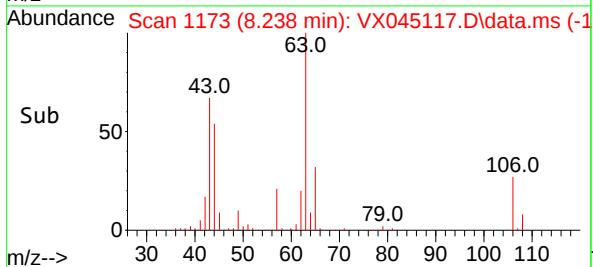
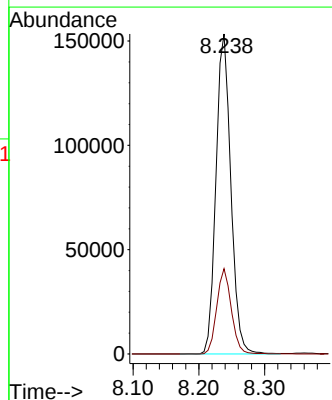
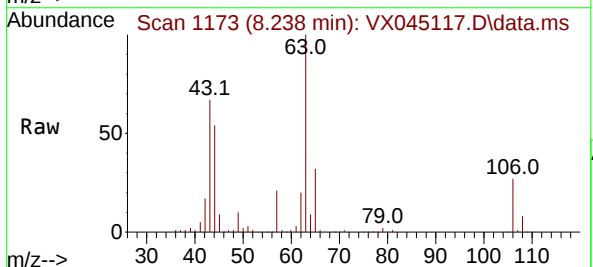
Acq: 03 Mar 2025 16:58

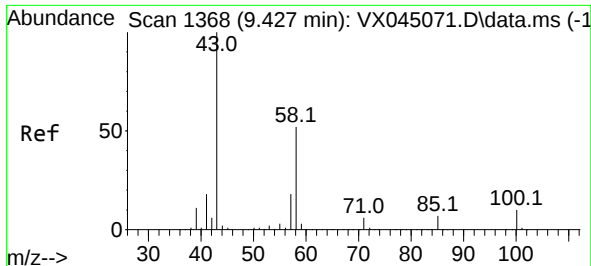
Tgt Ion: 63 Resp: 241398

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3





#59

2-Hexanone

Concen: 249.262 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

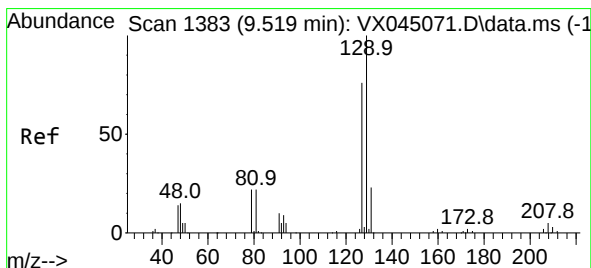
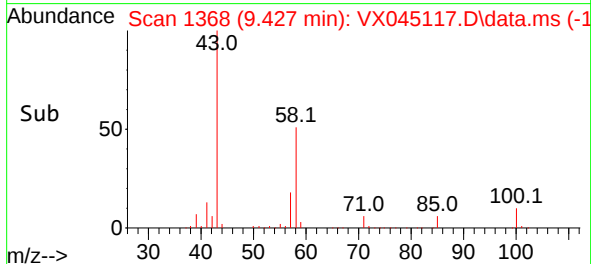
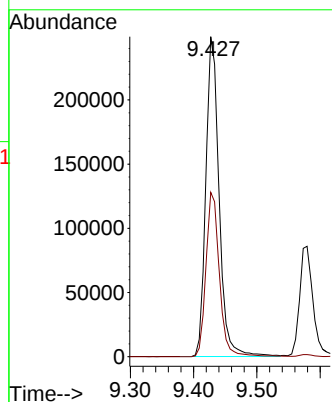
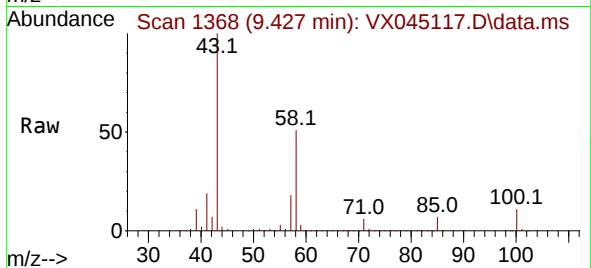
VSTDCCC050EC

Tgt Ion: 43 Resp: 365074

Ion Ratio Lower Upper

43 100

58 52.0 25.9 77.6



#60

Dibromochloromethane

Concen: 49.907 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045117.D

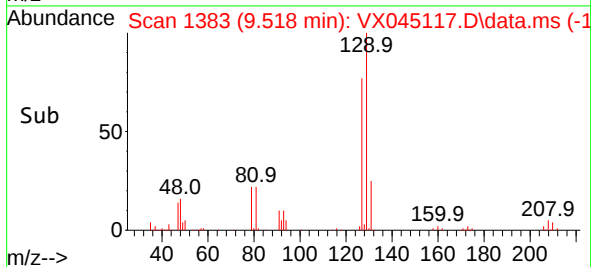
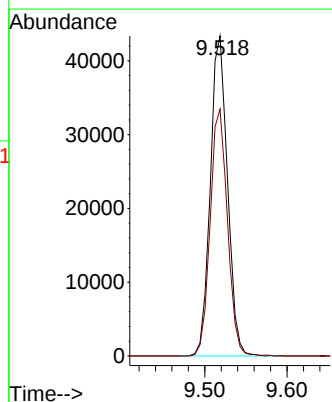
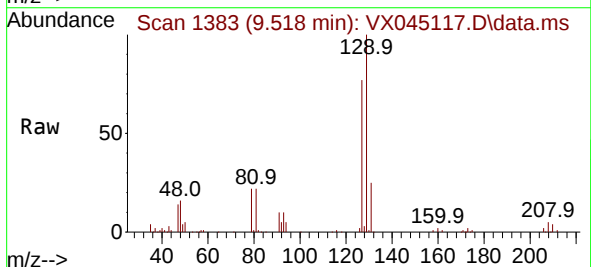
Acq: 03 Mar 2025 16:58

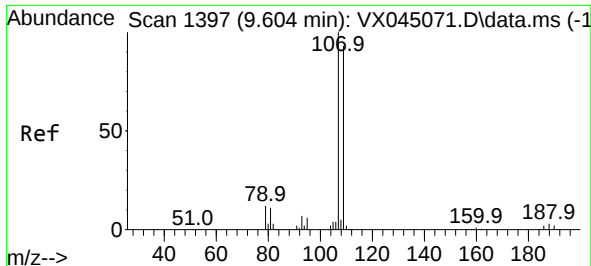
Tgt Ion: 129 Resp: 62885

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.5

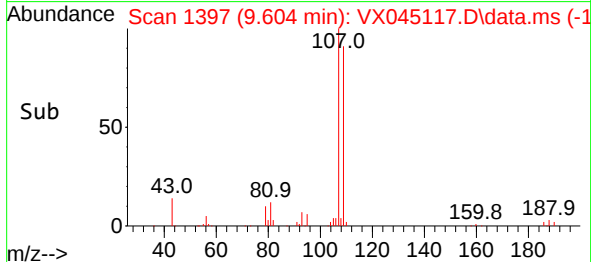
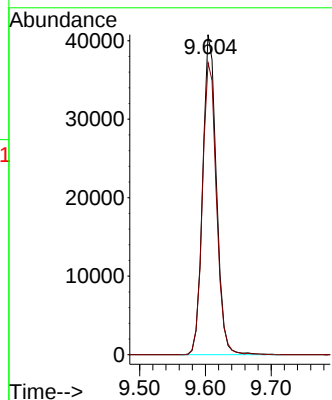
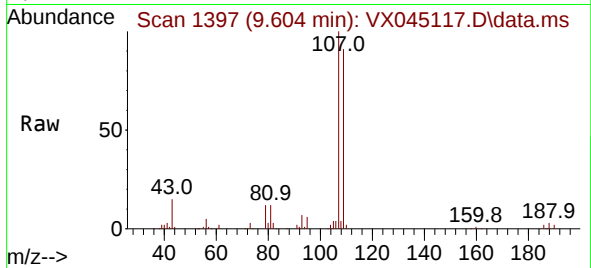




#61
1,2-Dibromoethane
Concen: 49.138 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

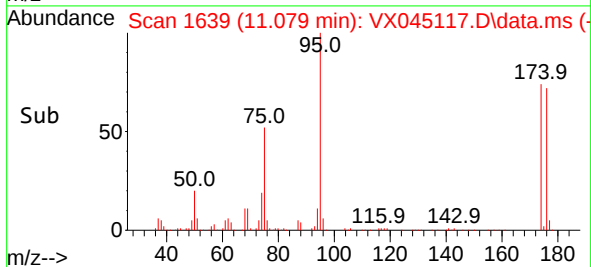
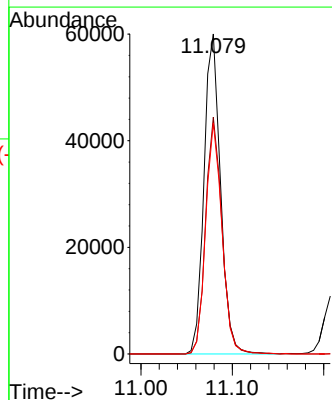
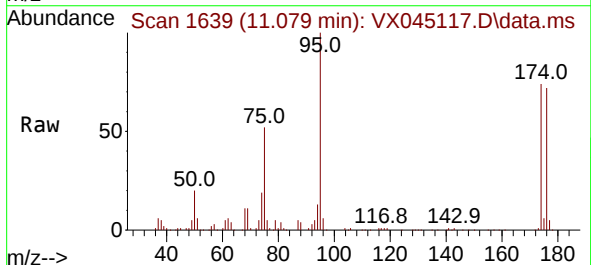
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

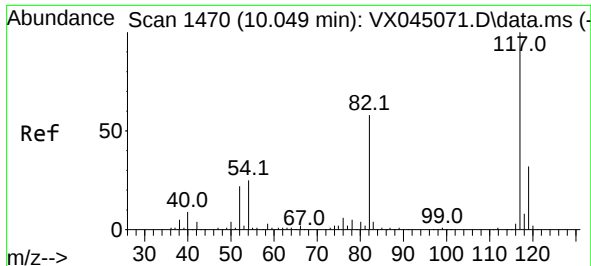
Tgt Ion:107 Resp: 59116
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 54.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 95 Resp: 75126
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.2
176 71.5 0.0 141.4

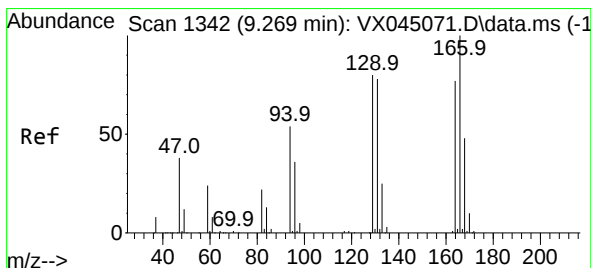
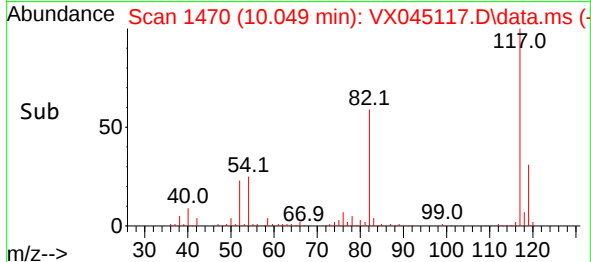
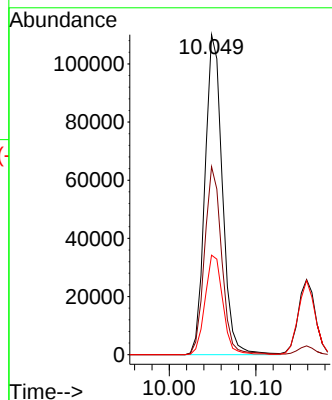
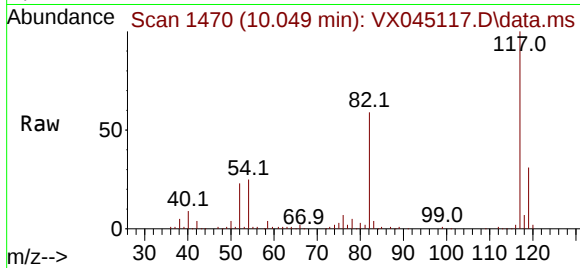




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

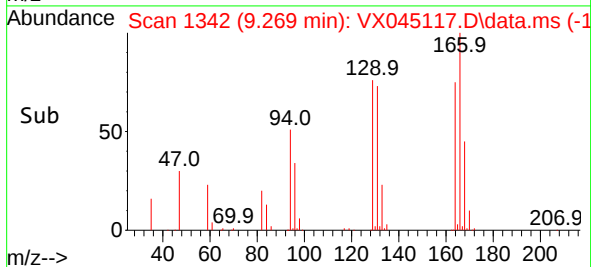
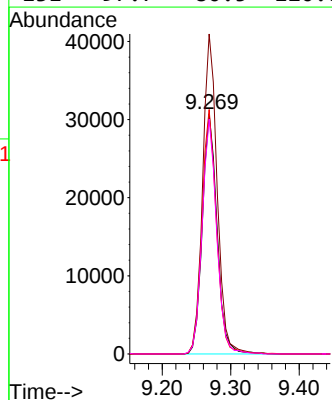
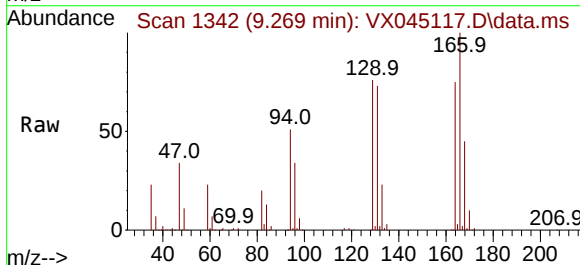
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

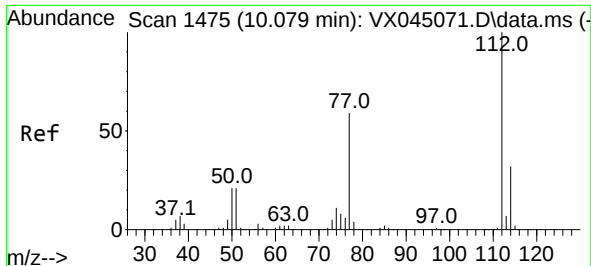
Tgt Ion:117 Resp: 153486
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.1 25.7 38.5



#64
Tetrachloroethene
Concen: 46.774 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:164 Resp: 45980
Ion Ratio Lower Upper
164 100
166 133.2 103.6 155.4
129 101.8 82.7 124.1
131 97.7 80.5 120.7

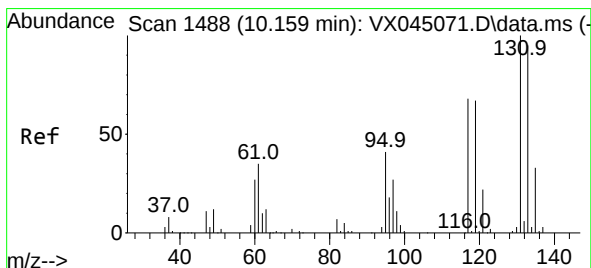
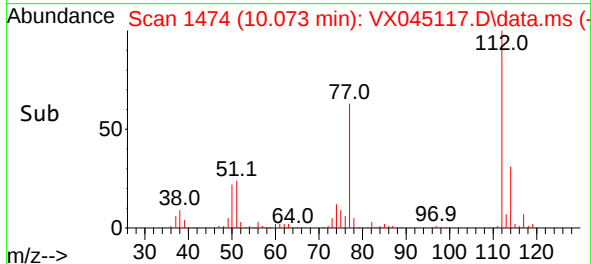
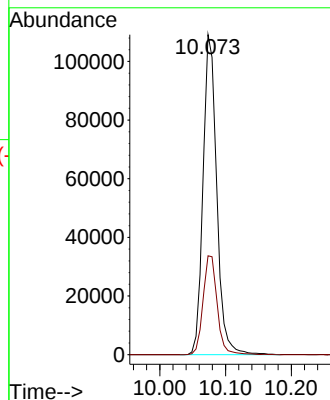
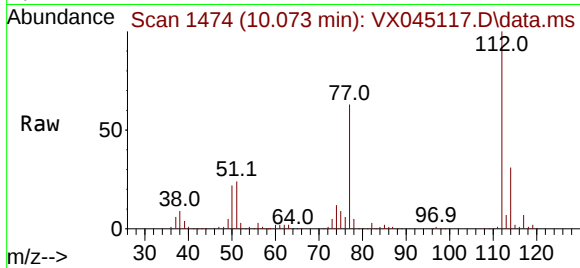




#65
Chlorobenzene
Concen: 48.698 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

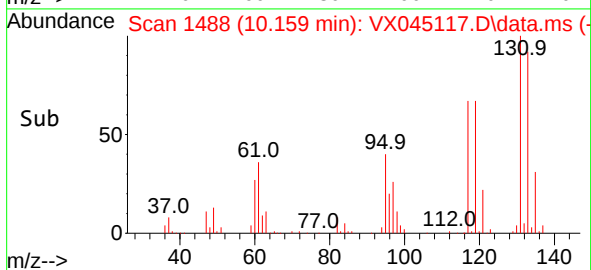
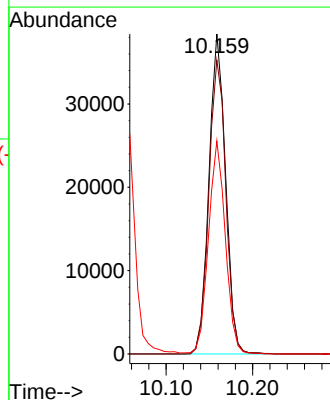
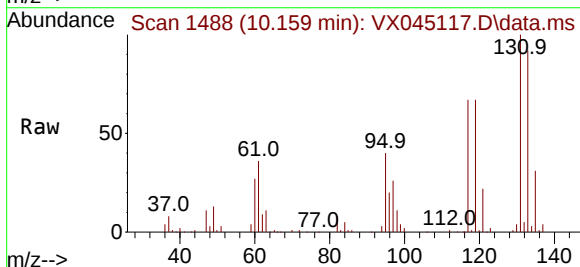
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

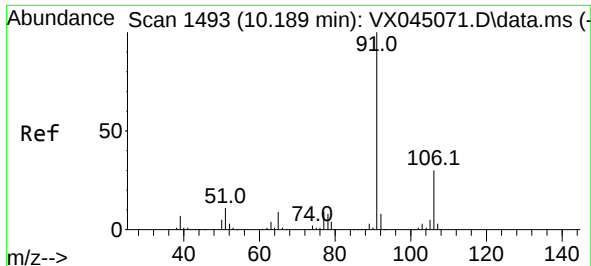
Tgt Ion:112 Resp: 158157
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.307 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:131 Resp: 51165
Ion Ratio Lower Upper
131 100
133 94.2 48.6 145.9
119 67.8 33.9 101.7





#67

Ethyl Benzene

Concen: 50.078 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

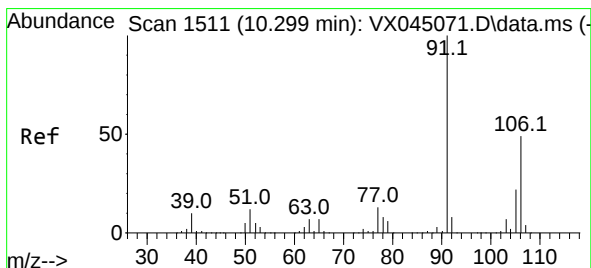
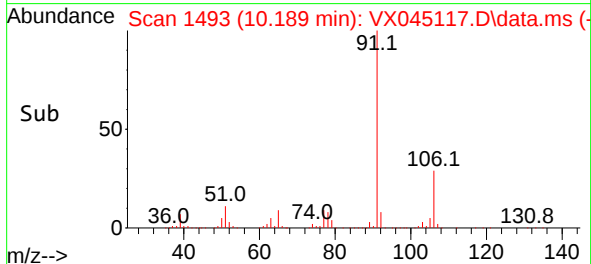
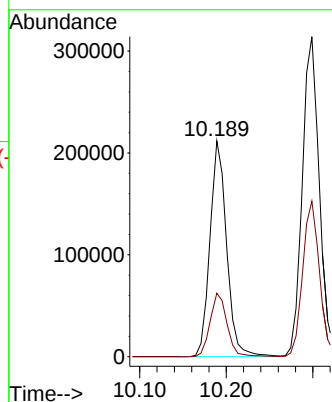
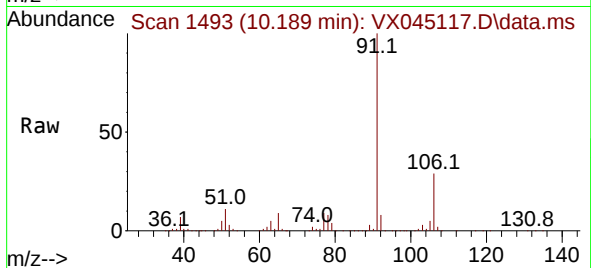
VSTDCCC050EC

Tgt Ion: 91 Resp: 283390

Ion Ratio Lower Upper

91 100

106 29.4 23.9 35.9



#68

m/p-Xylenes

Concen: 100.912 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045117.D

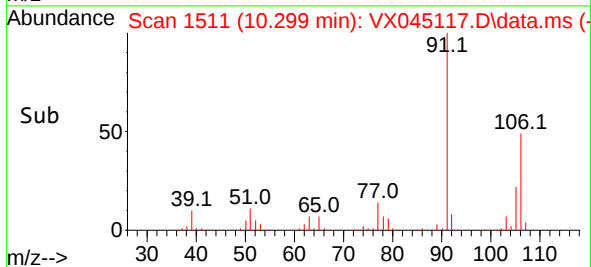
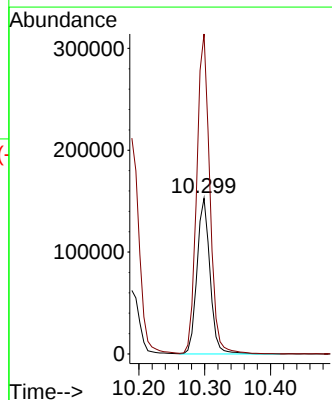
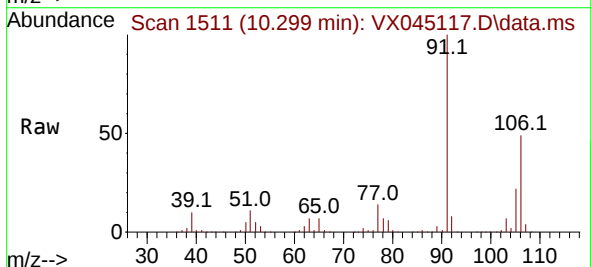
Acq: 03 Mar 2025 16:58

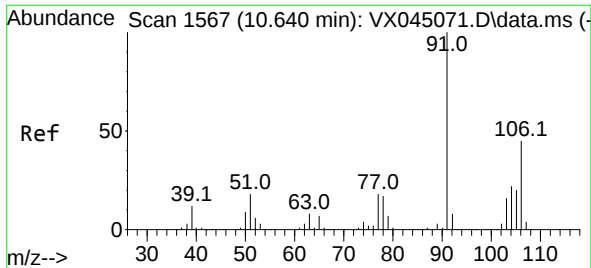
Tgt Ion:106 Resp: 209050

Ion Ratio Lower Upper

106 100

91 207.5 165.4 248.0

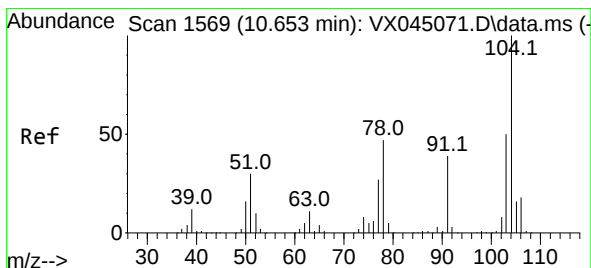
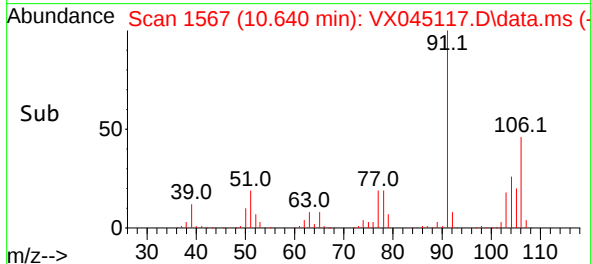
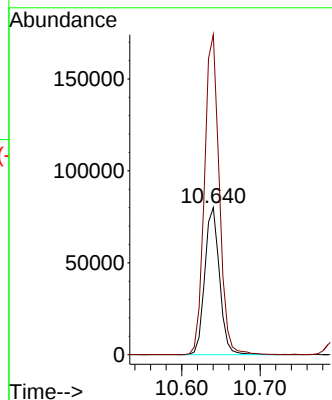
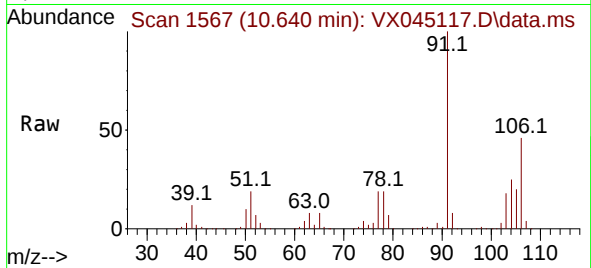




#69
o-Xylene
Concen: 49.923 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

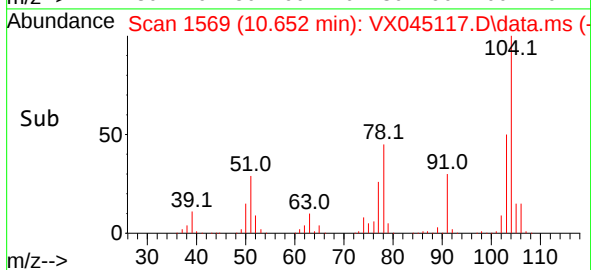
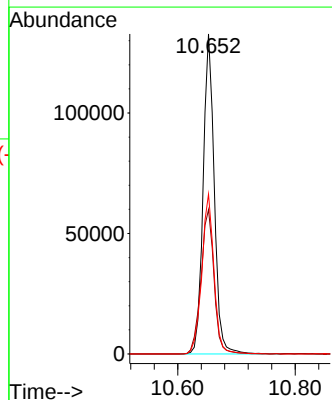
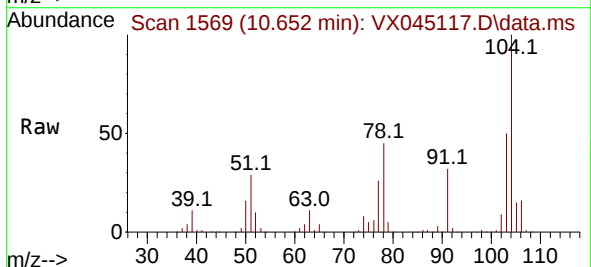
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

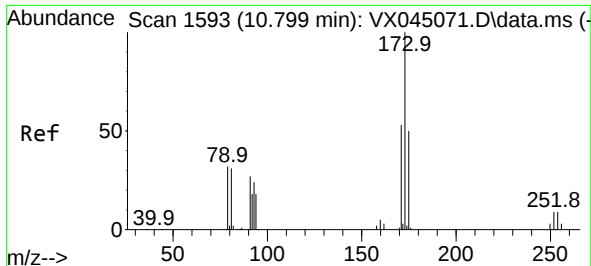
Tgt Ion:106 Resp: 104306
Ion Ratio Lower Upper
106 100
91 219.3 109.9 329.6



#70
Styrene
Concen: 51.720 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:104 Resp: 174851
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.8 43.8 65.8

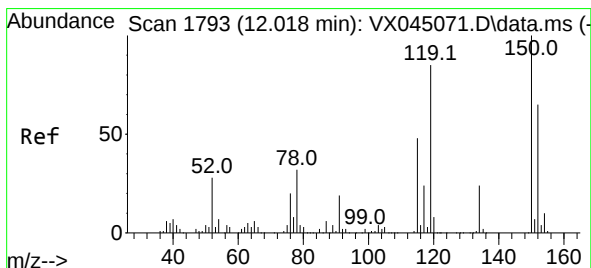
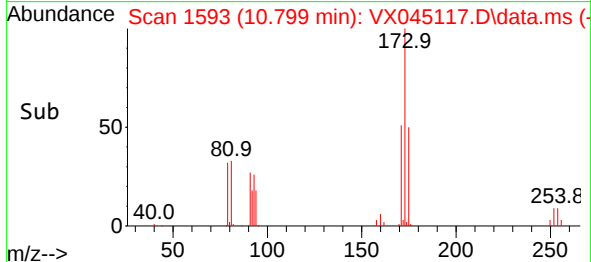
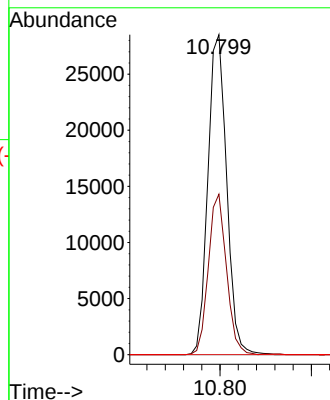
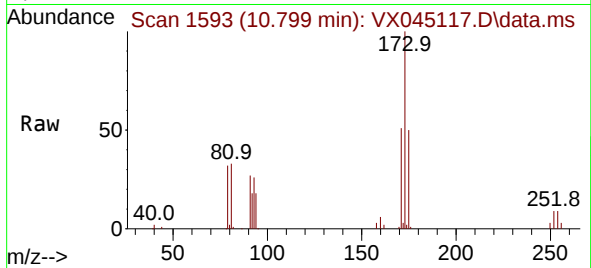




#71
Bromoform
Concen: 49.679 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

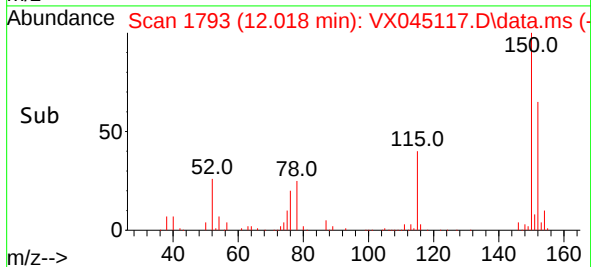
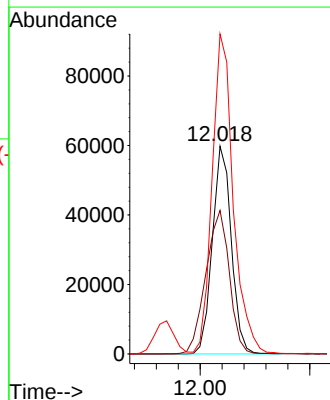
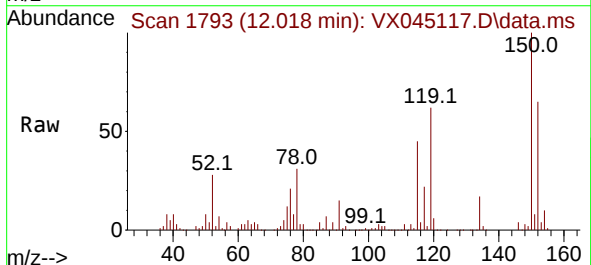
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

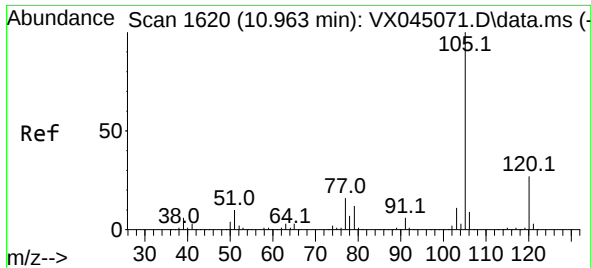
Tgt Ion:173 Resp: 40518
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:152 Resp: 71903
Ion Ratio Lower Upper
152 100
115 85.7 44.2 132.6
150 170.7 0.0 349.0

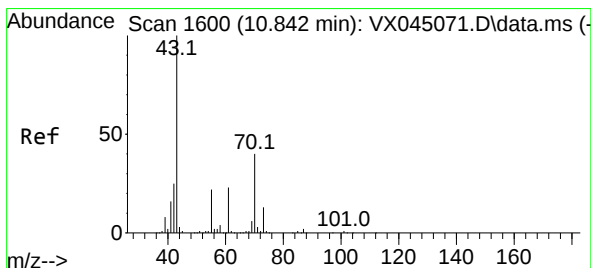
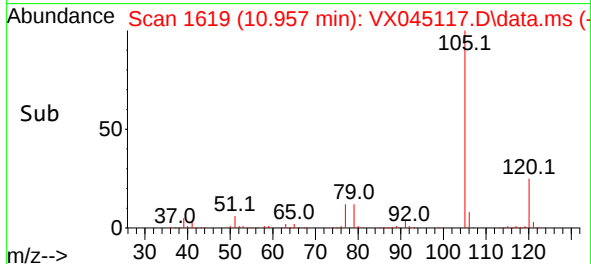
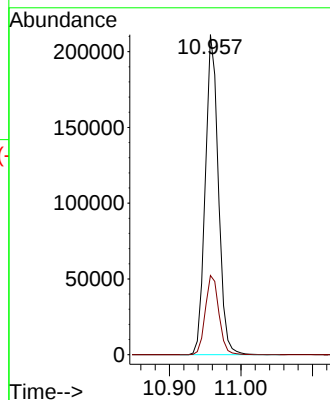
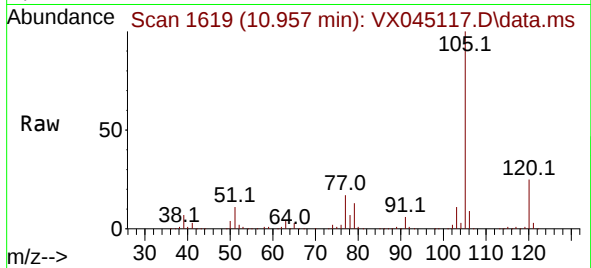




#73
Isopropylbenzene
Concen: 47.800 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

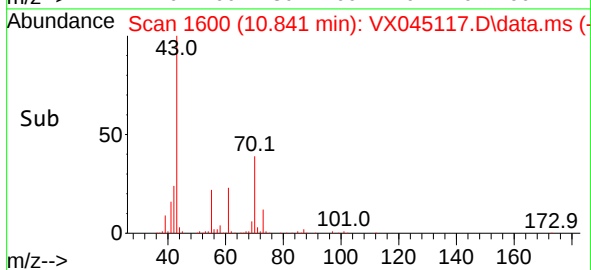
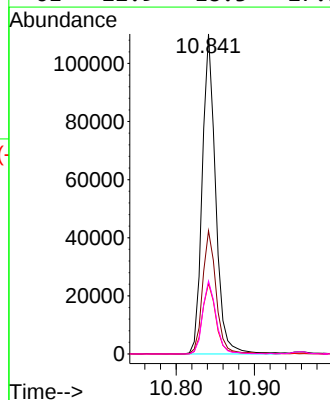
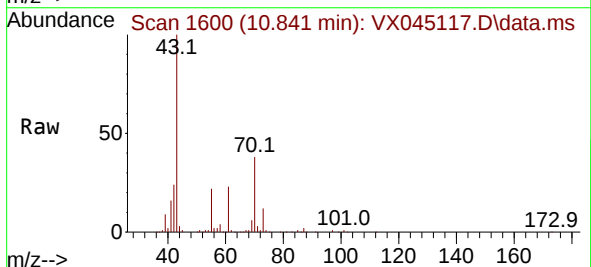
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 268268
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 49.591 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 43 Resp: 130596
Ion Ratio Lower Upper
43 100
70 39.3 31.8 47.6
55 22.8 18.3 27.5
61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.470 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

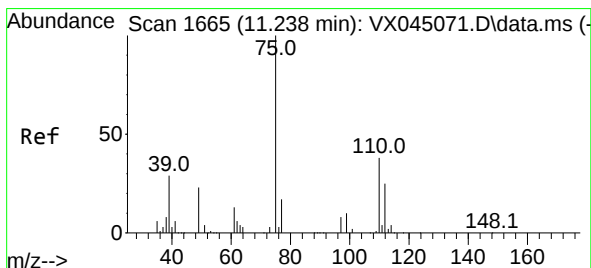
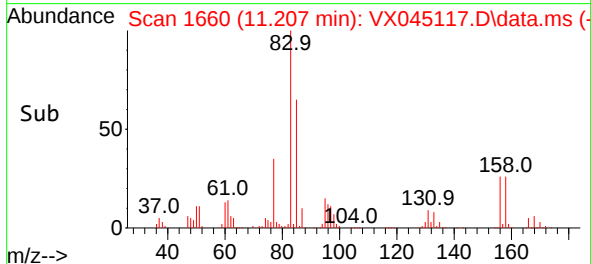
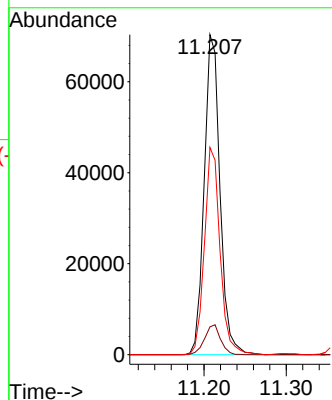
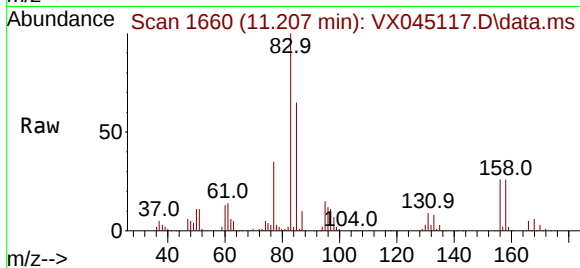
Tgt Ion: 83 Resp: 93645

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.4

85 64.2 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 57.667 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX045117.D

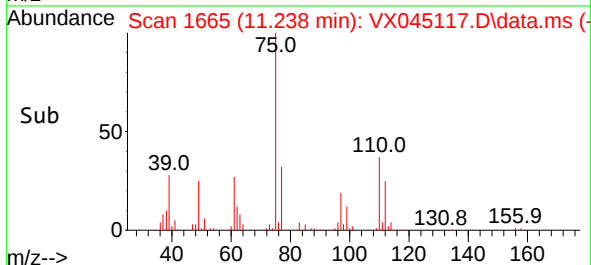
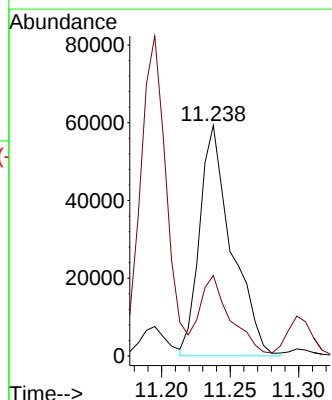
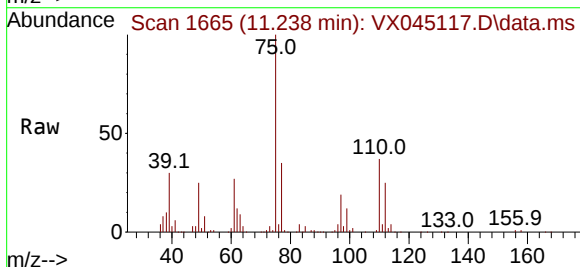
Acq: 03 Mar 2025 16:58

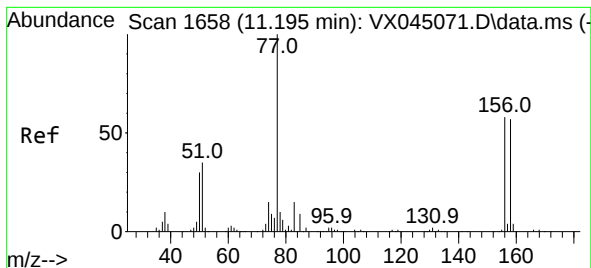
Tgt Ion: 75 Resp: 96508

Ion Ratio Lower Upper

75 100

77 33.5 20.7 62.1





#77

Bromobenzene

Concen: 47.228 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

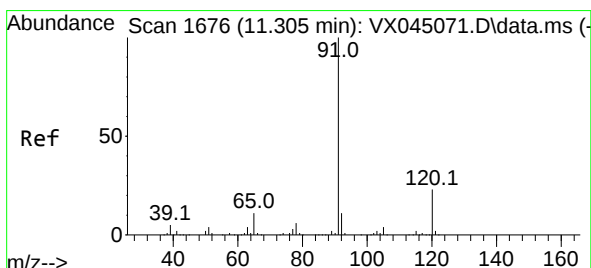
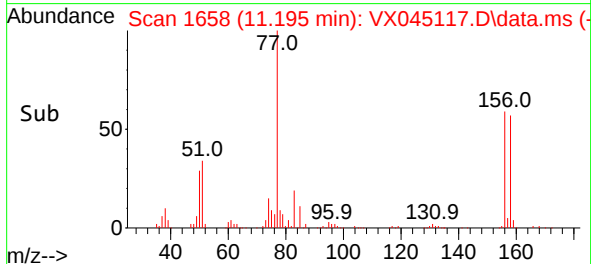
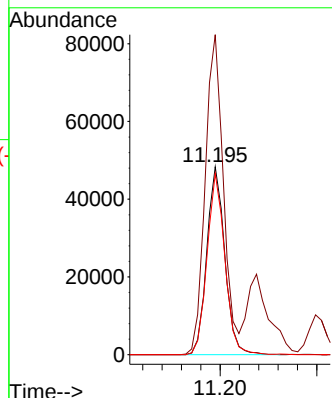
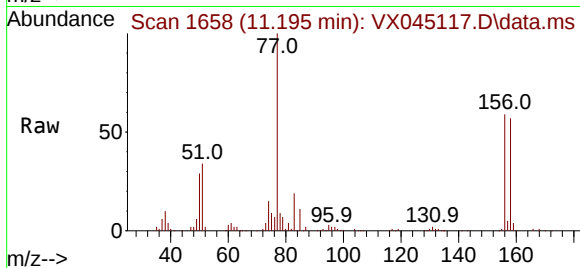
Tgt Ion:156 Resp: 62538

Ion Ratio Lower Upper

156 100

77 172.6 85.8 257.4

158 95.8 48.4 145.2



#78

n-propylbenzene

Concen: 49.865 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045117.D

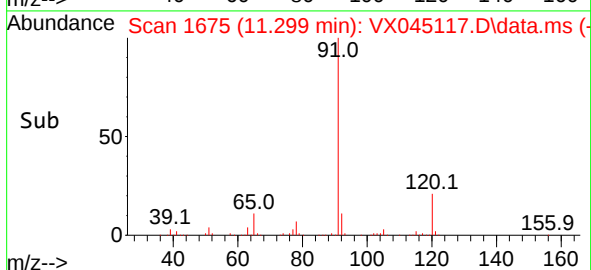
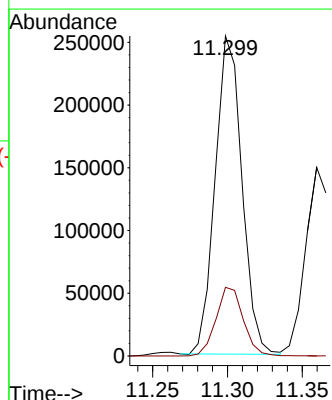
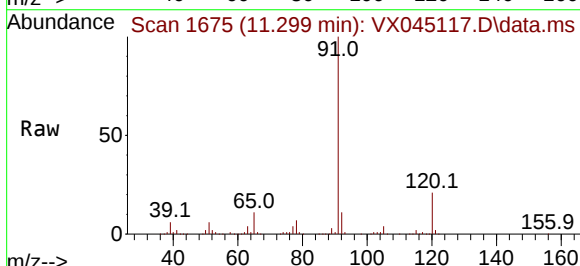
Acq: 03 Mar 2025 16:58

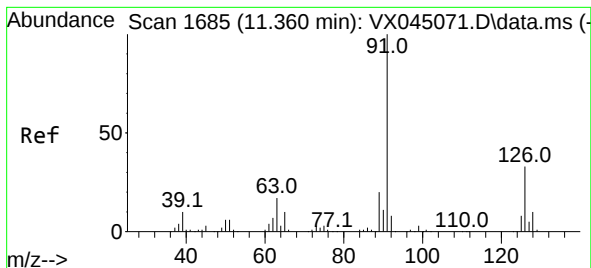
Tgt Ion: 91 Resp: 316130

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.6





#79

2-Chlorotoluene

Concen: 46.647 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

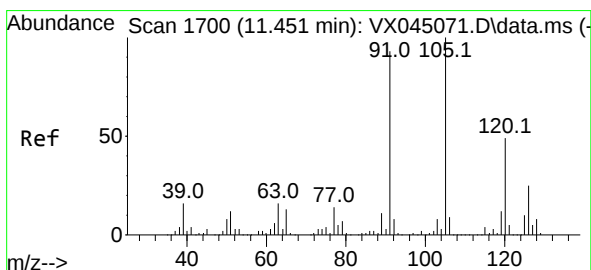
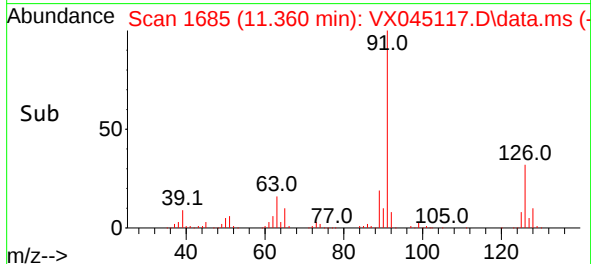
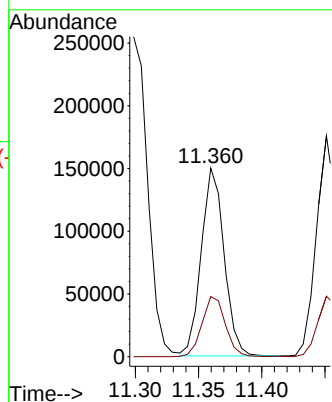
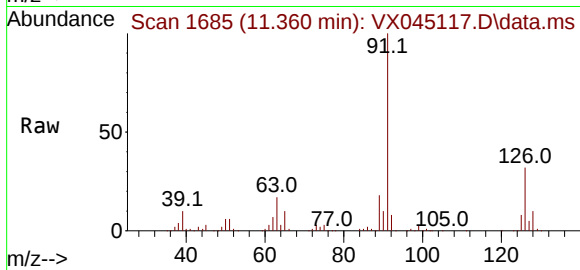
VSTDCCC050EC

Tgt Ion: 91 Resp: 188339

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 48.465 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045117.D

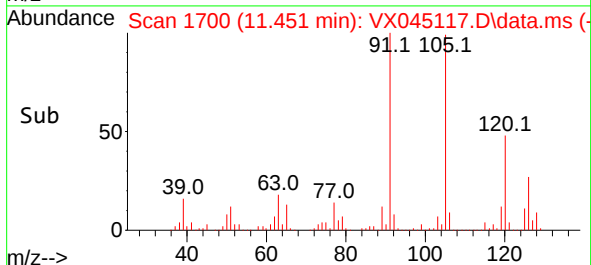
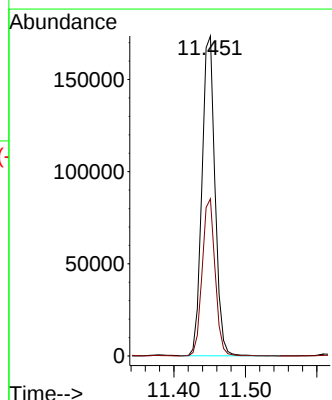
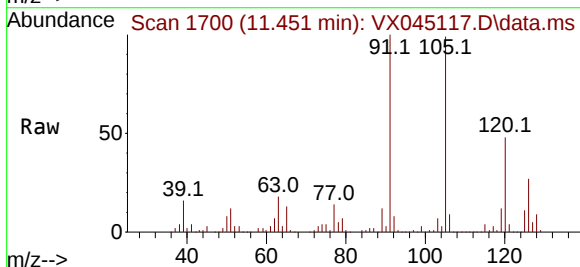
Acq: 03 Mar 2025 16:58

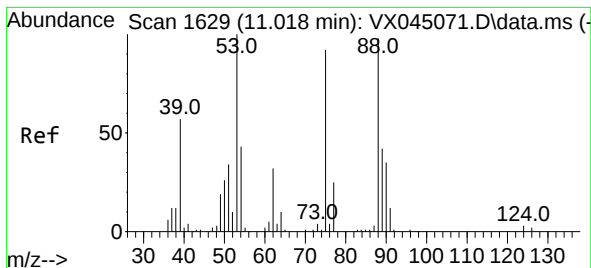
Tgt Ion: 105 Resp: 219930

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

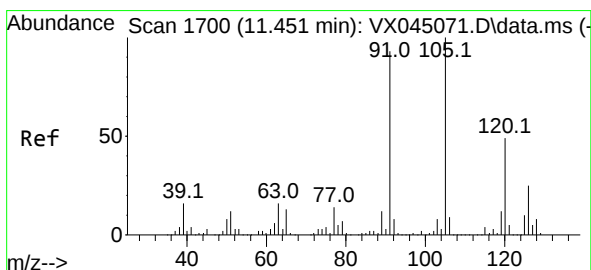
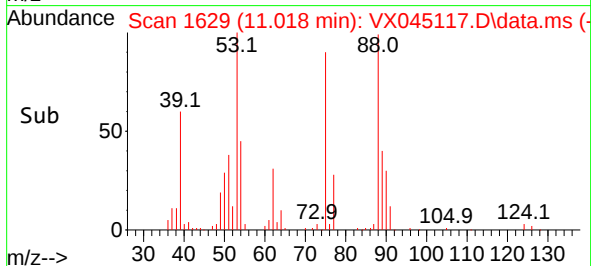
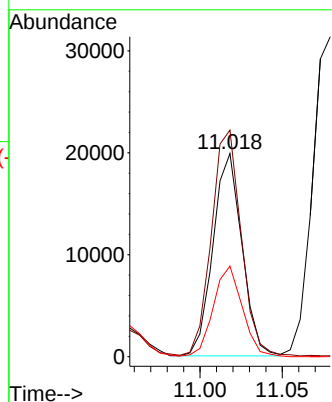
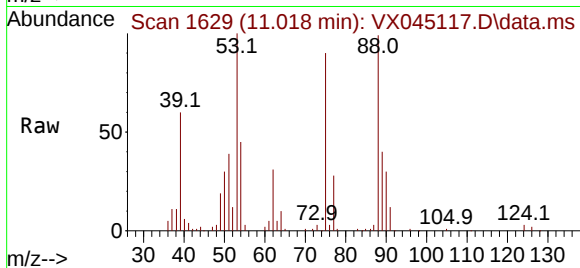




#81
trans-1,4-Dichloro-2-butene
Concen: 49.684 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

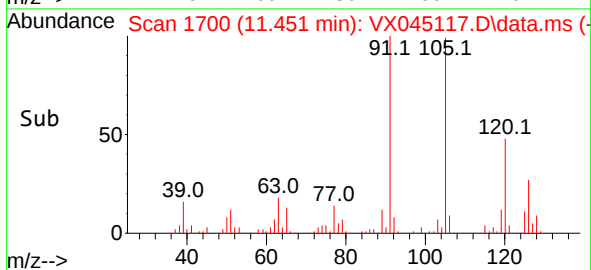
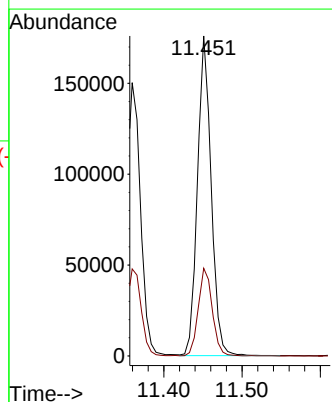
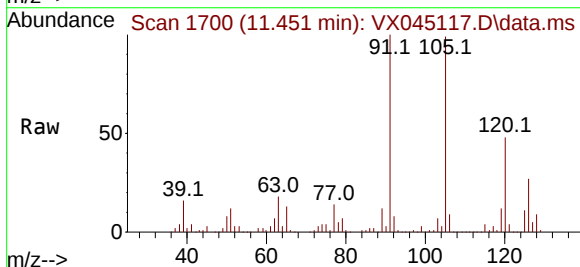
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

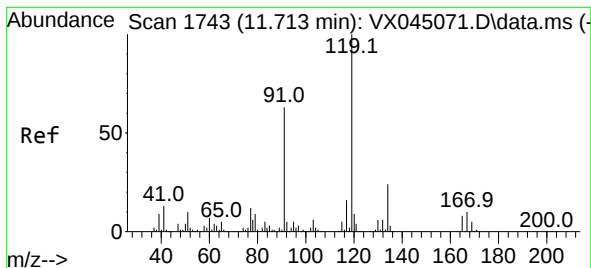
Tgt Ion: 75 Resp: 24297
Ion Ratio Lower Upper
75 100
53 116.5 88.5 132.7
89 44.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 48.681 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 91 Resp: 214214
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4

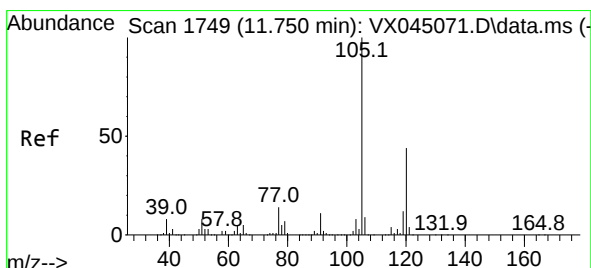
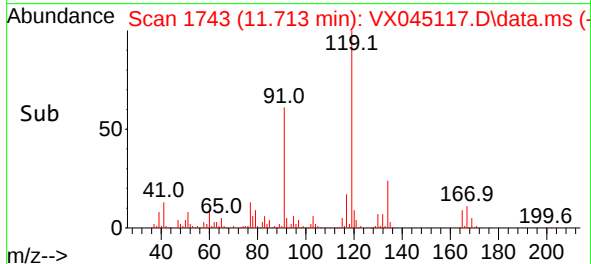
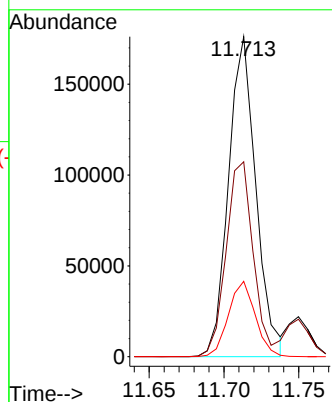
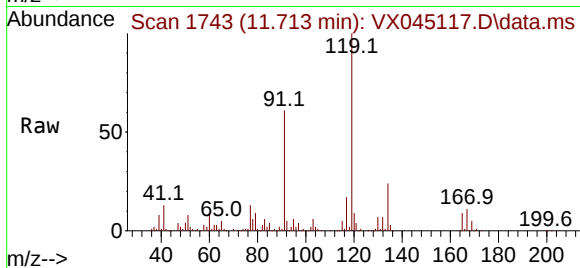




#83
tert-Butylbenzene
Concen: 48.175 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

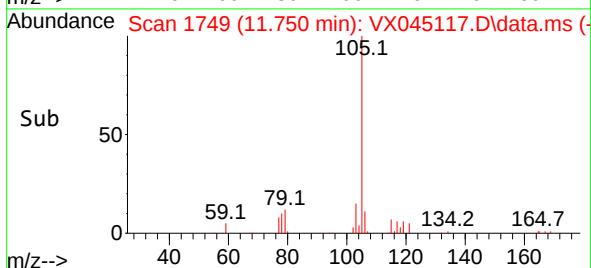
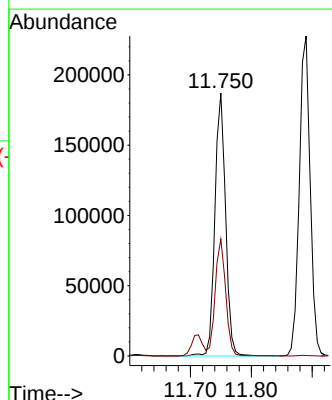
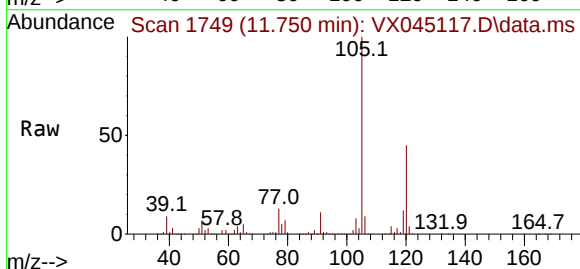
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

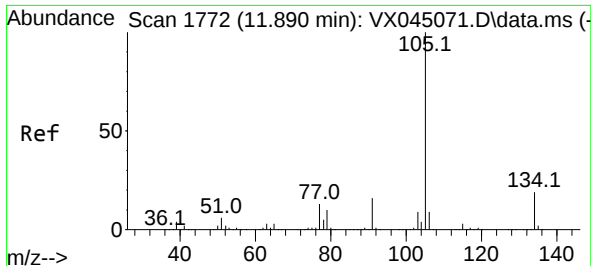
Tgt Ion:119 Resp: 224621
Ion Ratio Lower Upper
119 100
91 60.0 30.7 92.1
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 49.733 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:105 Resp: 227084
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1

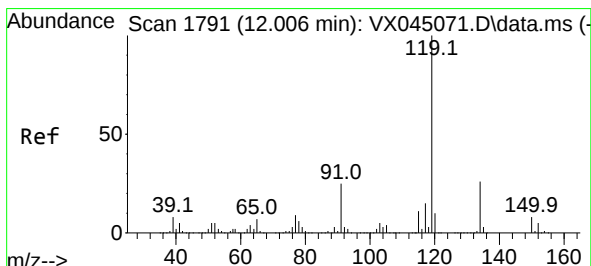
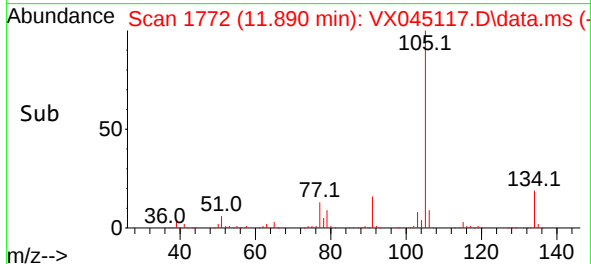
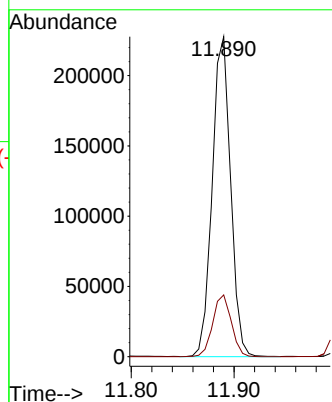
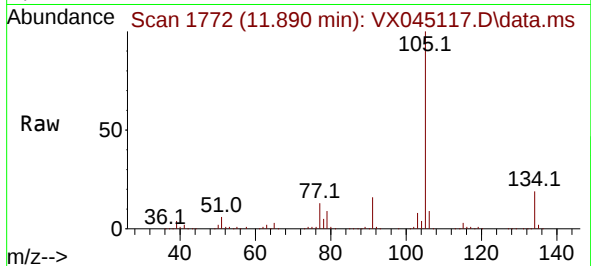




#85
 sec-Butylbenzene
 Concen: 50.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

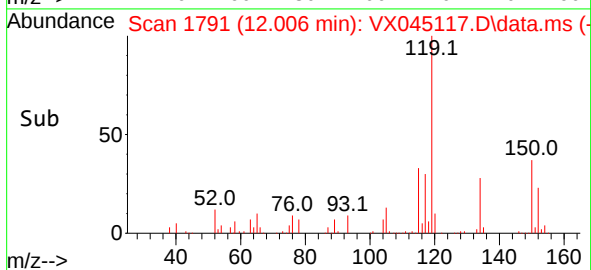
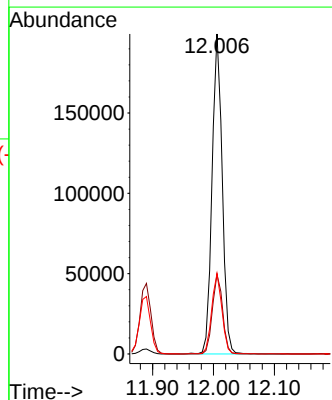
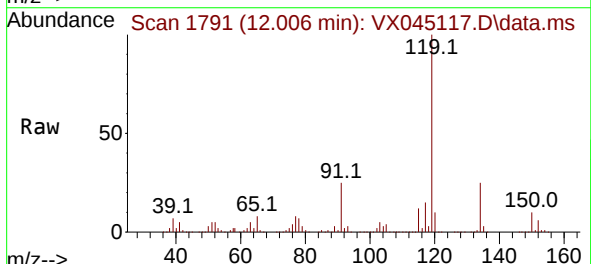
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

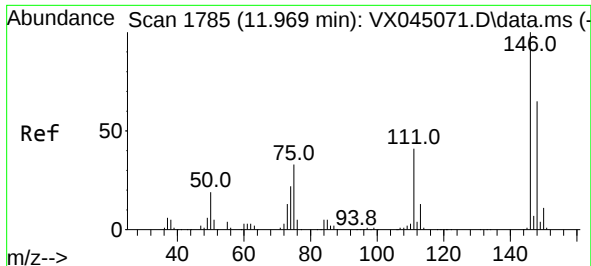
Tgt Ion:105 Resp: 282342
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.991 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045117.D
 Acq: 03 Mar 2025 16:58

Tgt Ion:119 Resp: 230153
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 48.865 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

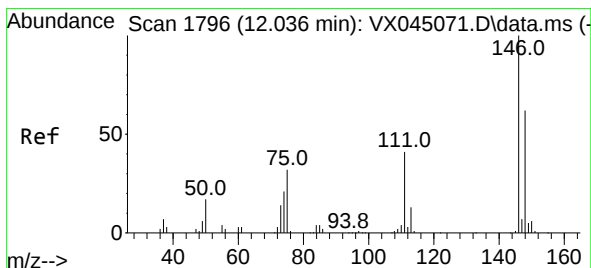
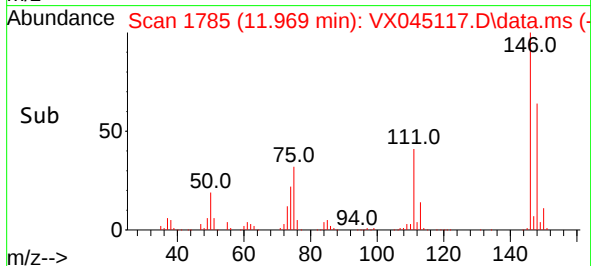
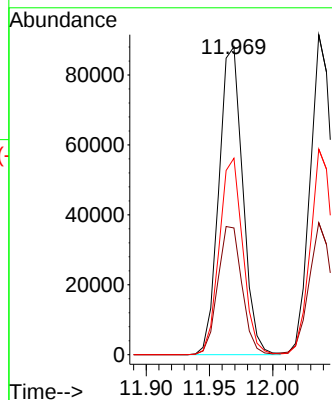
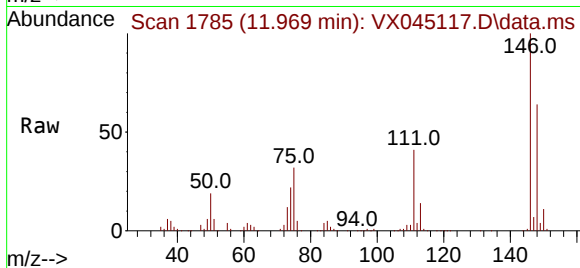
Tgt Ion:146 Resp: 115431

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.4

148 63.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.938 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

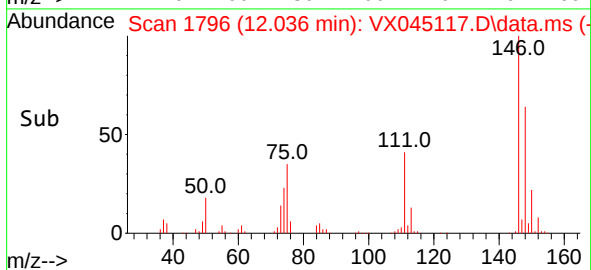
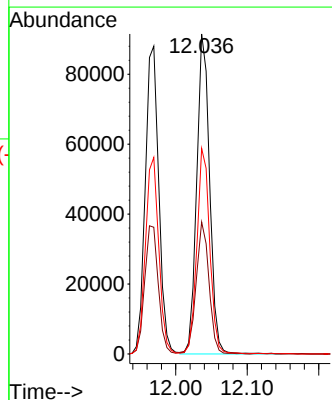
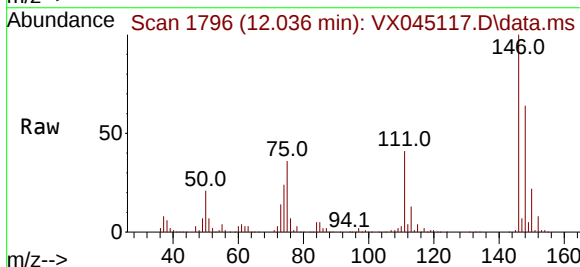
Tgt Ion:146 Resp: 114566

Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.5

148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 53.943 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045117.D

Acq: 03 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

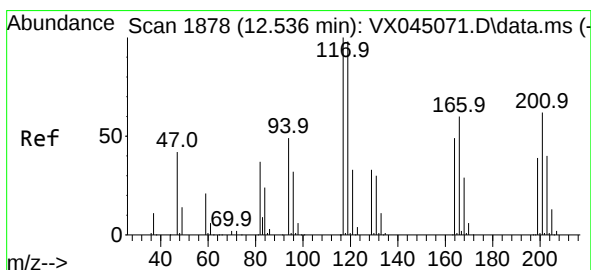
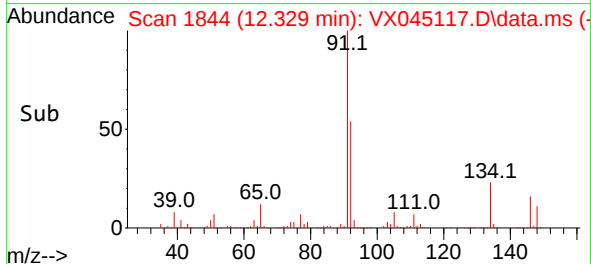
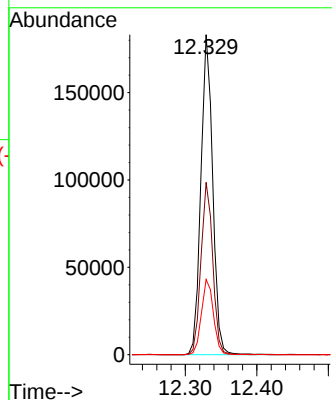
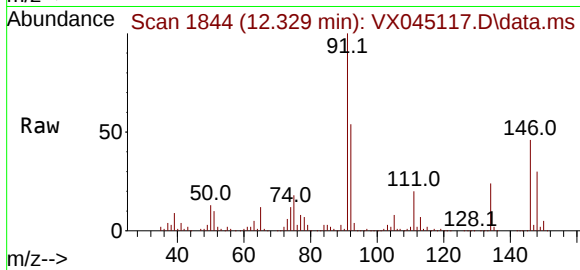
Tgt Ion: 91 Resp: 209700

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.0

134 24.0 12.2 36.6



#90

Hexachloroethane

Concen: 46.912 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045117.D

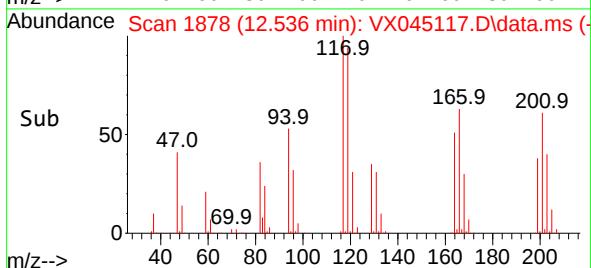
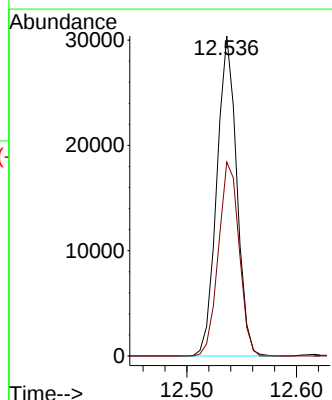
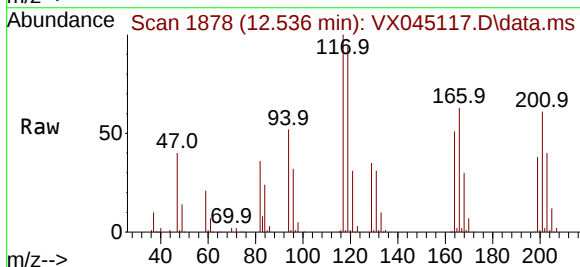
Acq: 03 Mar 2025 16:58

Tgt Ion: 117 Resp: 38299

Ion Ratio Lower Upper

117 100

201 62.9 31.9 95.9

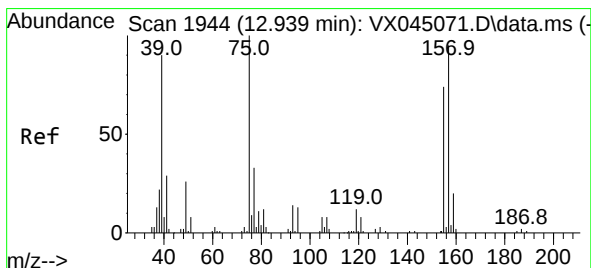
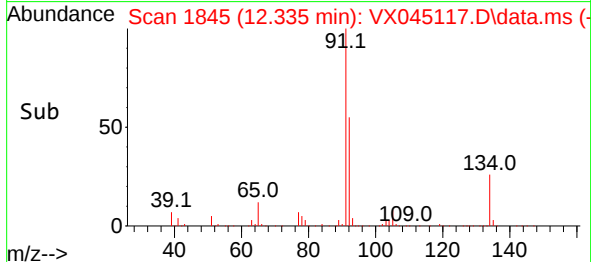
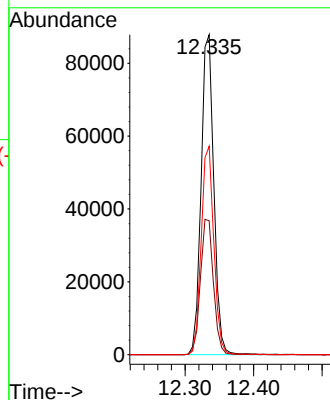
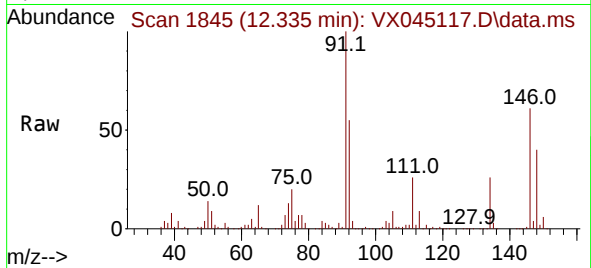




#91
1,2-Dichlorobenzene
Concen: 47.892 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

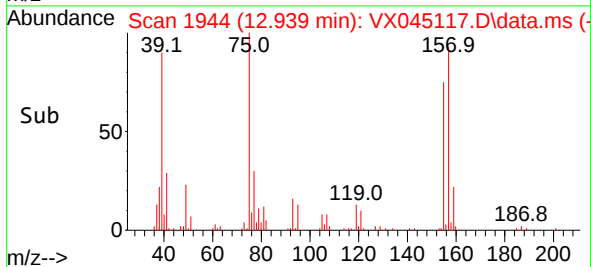
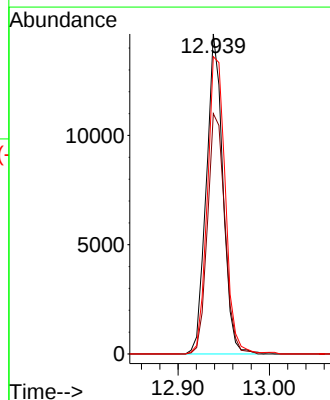
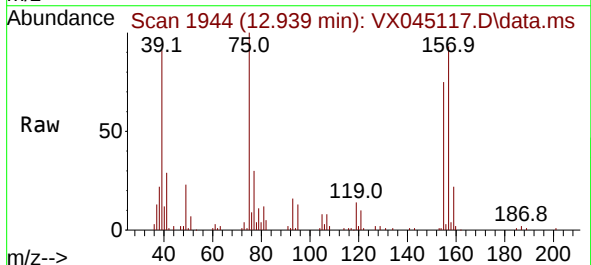
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

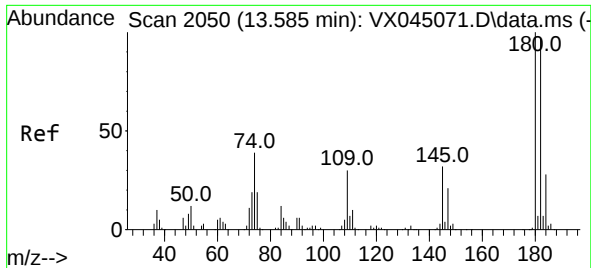
Tgt Ion:146 Resp: 113486
Ion Ratio Lower Upper
146 100
111 43.4 21.6 65.0
148 64.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.972 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion: 75 Resp: 18445
Ion Ratio Lower Upper
75 100
155 78.6 39.6 118.7
157 100.5 51.1 153.4

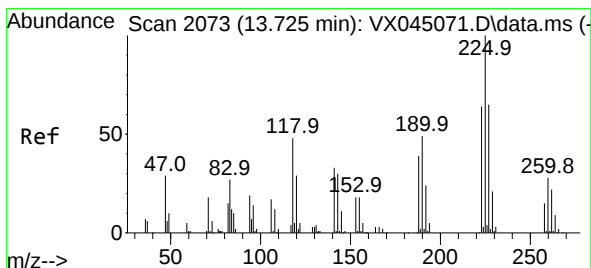
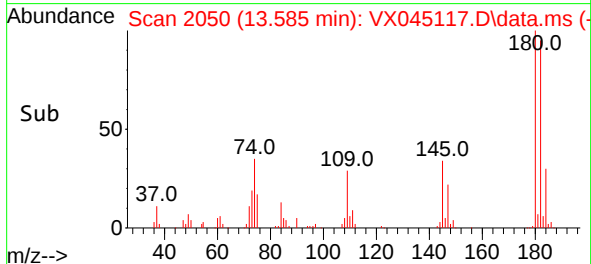
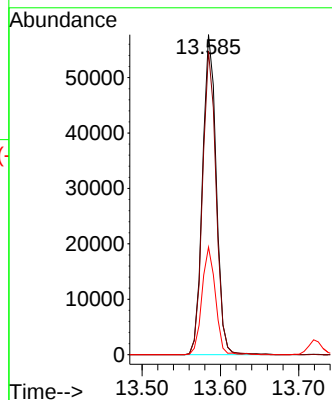
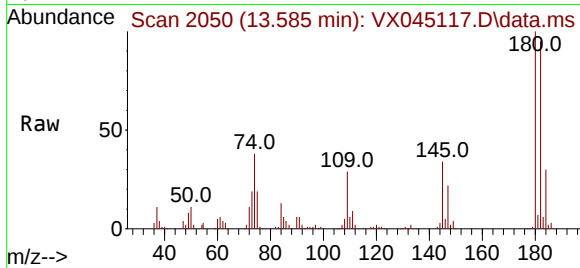




#93
1,2,4-Trichlorobenzene
Concen: 51.959 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

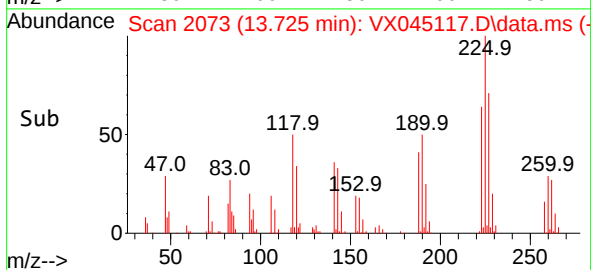
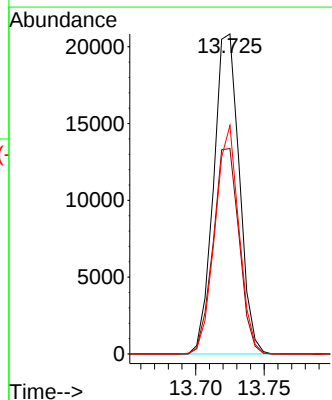
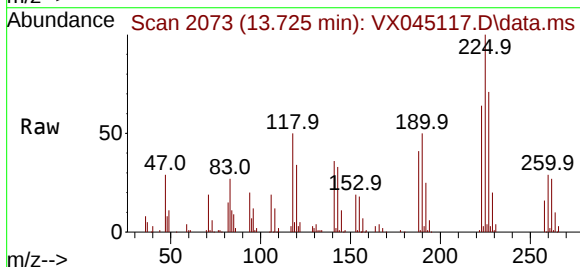
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

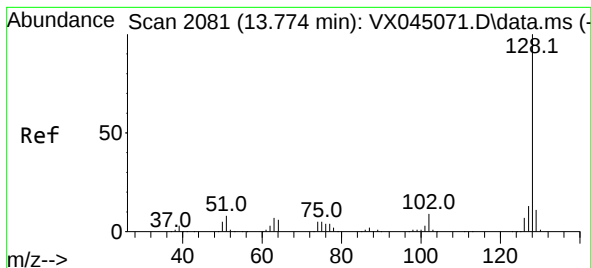
Tgt Ion:180 Resp: 70108
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 32.9 16.3 48.9



#94
Hexachlorobutadiene
Concen: 49.114 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:225 Resp: 27169
Ion Ratio Lower Upper
225 100
223 64.8 31.9 95.7
227 66.5 31.4 94.0

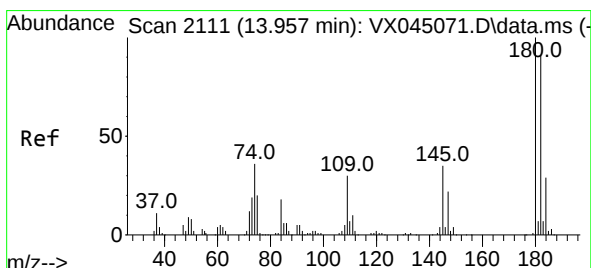
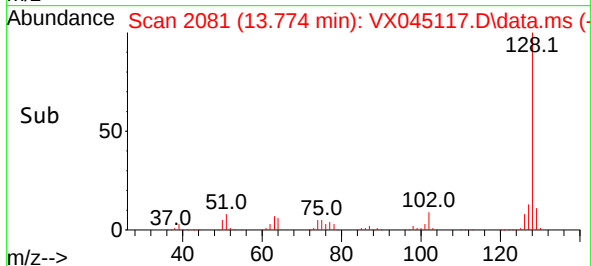
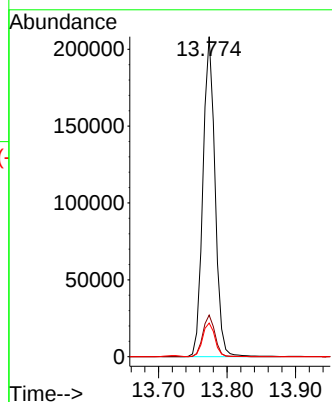
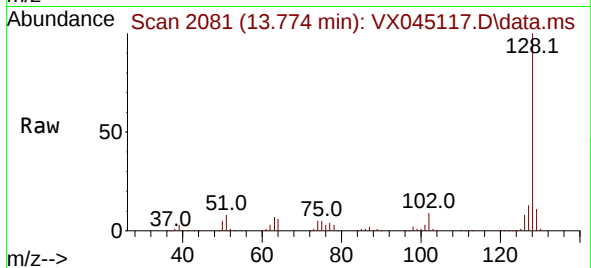




#95
Naphthalene
Concen: 49.478 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 256501
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.183 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045117.D
Acq: 03 Mar 2025 16:58

Tgt Ion:180 Resp: 71433
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 35.4 17.0 50.9

