

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046686.D
 Acq On : 13 Jun 2025 14:09
 Operator : JC/MD
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02

Quant Time: Jun 13 23:28:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	114290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58711	50.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.020%	
35) Dibromofluoromethane	5.391	113	45900	54.611	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.220%	
50) Toluene-d8	8.647	98	146479	52.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	11.079	95	63624	55.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	14998	16.371	ug/l	97
3) Chloromethane	1.307	50	12328	14.784	ug/l	99
4) Vinyl Chloride	1.386	62	12045	14.490	ug/l	95
5) Bromomethane	1.624	94	4081	8.087	ug/l	99
6) Chloroethane	1.703	64	11326	21.000	ug/l	96
7) Trichlorofluoromethane	1.904	101	21789	15.843	ug/l	96
8) Diethyl Ether	2.148	74	7306	15.035	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	14942	17.244	ug/l	92
10) Methyl Iodide	2.471	142	8867	9.440	ug/l	93
11) Tert butyl alcohol	2.959	59	12383	95.055	ug/l	97
12) 1,1-Dichloroethene	2.337	96	12744	16.267	ug/l	80
13) Acrolein	2.252	56	7145	69.912	ug/l	98
14) Allyl chloride	2.678	41	26971	17.529	ug/l	91
15) Acrylonitrile	3.075	53	50458	102.442	ug/l	99
16) Acetone	2.386	43	35270	79.692	ug/l	92
17) Carbon Disulfide	2.526	76	27969	16.948	ug/l	100
18) Methyl Acetate	2.715	43	30355	21.707	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	58562	21.362	ug/l	99
20) Methylene Chloride	2.800	84	18467	19.607	ug/l	91
21) trans-1,2-Dichloroethene	3.105	96	15167	18.293	ug/l	97
22) Diisopropyl ether	3.770	45	64593	21.293	ug/l #	66
23) Vinyl Acetate	3.733	43	243765	104.082	ug/l	99
24) 1,1-Dichloroethane	3.623	63	33486	19.806	ug/l	99
25) 2-Butanone	4.568	43	69669	106.601	ug/l	95
26) 2,2-Dichloropropane	4.489	77	24749	19.719	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	21053	20.627	ug/l	94
28) Bromochloromethane	4.910	49	26141	32.418	ug/l	97
29) Tetrahydrofuran	5.019	42	42830	103.770	ug/l	98
30) Chloroform	5.105	83	38241	21.587	ug/l	97
31) Cyclohexane	5.483	56	26054	19.089	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	30611	20.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22232	18.518	ug/l	97
37) Ethyl Acetate	4.733	43	24967	21.307	ug/l	98
38) Carbon Tetrachloride	5.690	117	27032	20.102	ug/l	96
39) Methylcyclohexane	7.385	83	25946	18.310	ug/l	96
40) Benzene	6.050	78	69868	20.672	ug/l	99

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 ClientSampleId :
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Quant Time: Jun 13 23:28:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	15935	21.899	ug/l	94
42) 1,2-Dichloroethane	6.098	62	29914	21.275	ug/l	97
43) Isopropyl Acetate	6.342	43	42947	21.024	ug/l	98
44) Trichloroethene	7.129	130	17048	19.852	ug/l	94
45) 1,2-Dichloropropane	7.434	63	19432	22.275	ug/l	94
46) Dibromomethane	7.586	93	14163	21.580	ug/l	96
47) Bromodichloromethane	7.824	83	30551	22.640	ug/l	99
48) Methyl methacrylate	7.696	41	23229	22.101	ug/l	94
49) 1,4-Dioxane	7.665	88	6567	467.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	147585	113.694	ug/l	99
52) Toluene	8.720	92	44867	21.608	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26316	21.750	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	29135	21.658	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	19462	23.348	ug/l	98
56) Ethyl methacrylate	9.116	69	29084	22.673	ug/l	94
57) 1,3-Dichloropropane	9.311	76	33088	22.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	85564	122.461	ug/l	99
59) 2-Hexanone	9.427	43	104729	112.494	ug/l	99
60) Dibromochloromethane	9.519	129	22952	23.408	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19312	22.233	ug/l	97
64) Tetrachloroethene	9.275	164	13932	20.057	ug/l	93
65) Chlorobenzene	10.079	112	52137	21.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	19052	23.078	ug/l	100
67) Ethyl Benzene	10.195	91	88871	20.838	ug/l	97
68) m/p-Xylenes	10.299	106	65093	42.074	ug/l	99
69) o-Xylene	10.640	106	32908	21.991	ug/l	96
70) Styrene	10.652	104	57641	22.502	ug/l	98
71) Bromoform	10.799	173	14760	23.449	ug/l #	100
73) Isopropylbenzene	10.963	105	88486	20.372	ug/l	100
74) N-amyl acetate	10.841	43	39264	20.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	30567	21.986	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31881	27.241	ug/l	87
77) Bromobenzene	11.195	156	21627	21.452	ug/l	94
78) n-propylbenzene	11.305	91	103680	19.722	ug/l	98
79) 2-Chlorotoluene	11.360	91	64113	20.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	74487	20.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7617	18.774	ug/l	94
82) 4-Chlorotoluene	11.451	91	76170	20.271	ug/l	98
83) tert-Butylbenzene	11.713	119	75813	20.576	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	75759	20.691	ug/l	100
85) sec-Butylbenzene	11.890	105	96825	20.452	ug/l	99
86) p-Isopropyltoluene	12.006	119	80510	20.399	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41137	21.013	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42288	20.846	ug/l	100
89) n-Butylbenzene	12.329	91	76714	19.793	ug/l	99
90) Hexachloroethane	12.536	117	13866	19.767	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	40842	21.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6484	20.827	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	26556	20.601	ug/l	97
94) Hexachlorobutadiene	13.725	225	10781	17.996	ug/l	94
95) Naphthalene	13.774	128	87088	21.304	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26847	20.770	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Quant Time: Jun 13 23:28:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

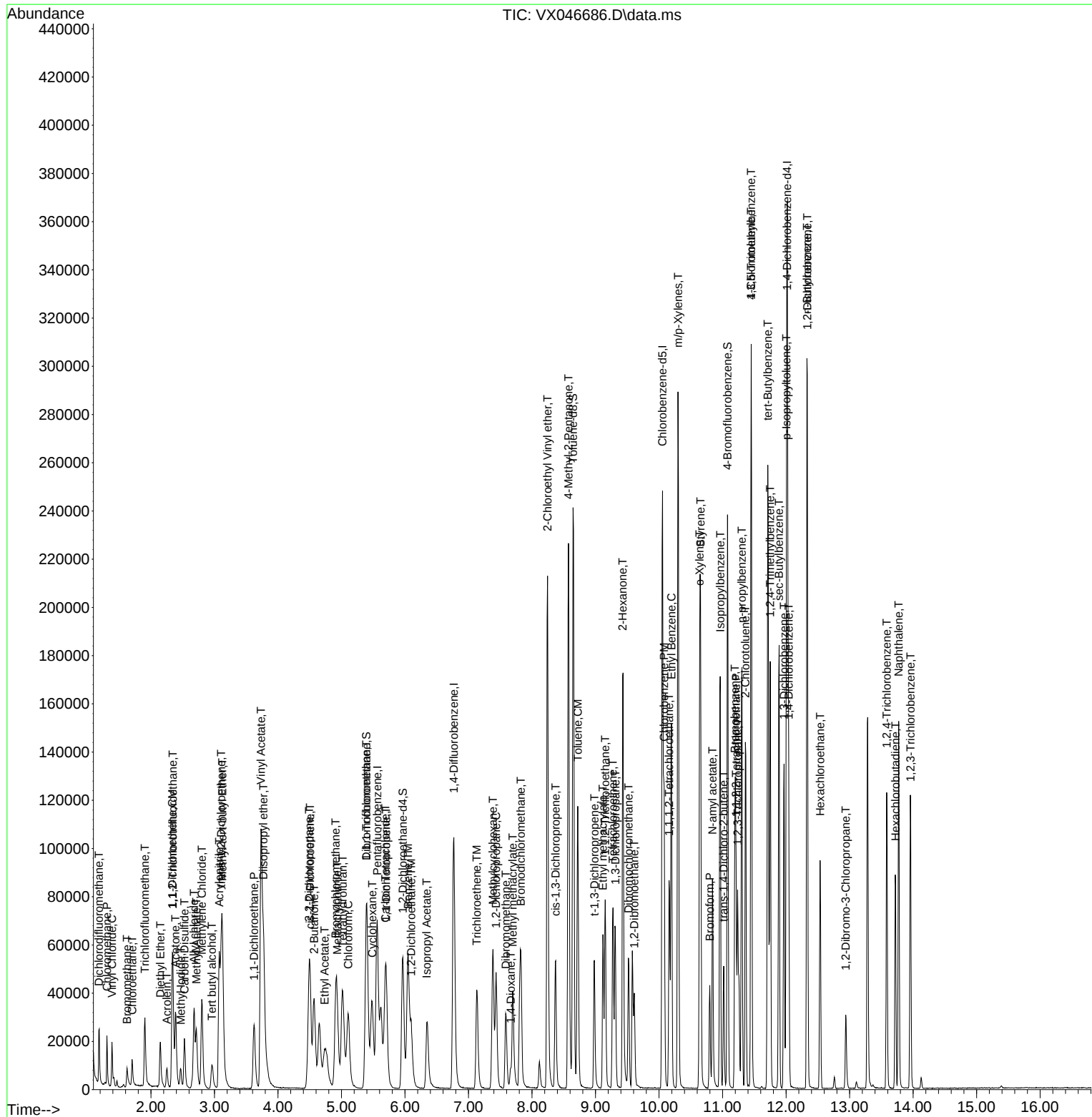
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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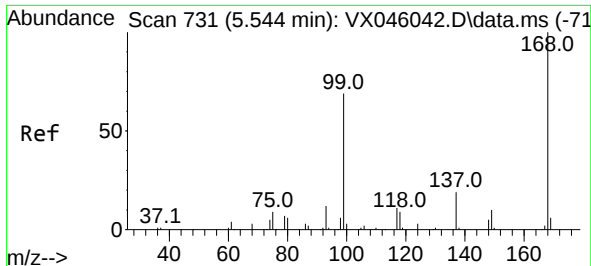
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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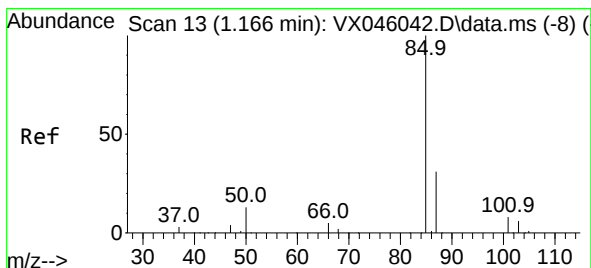
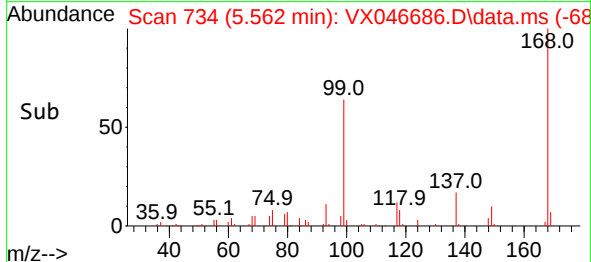
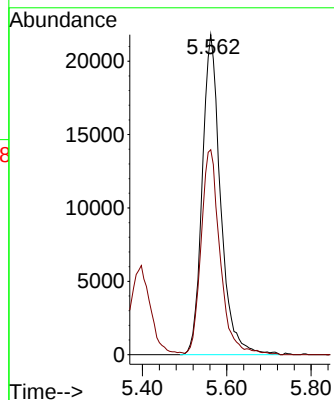
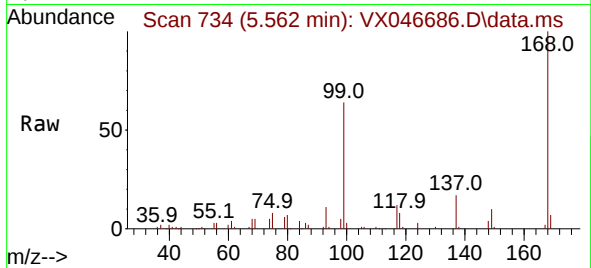




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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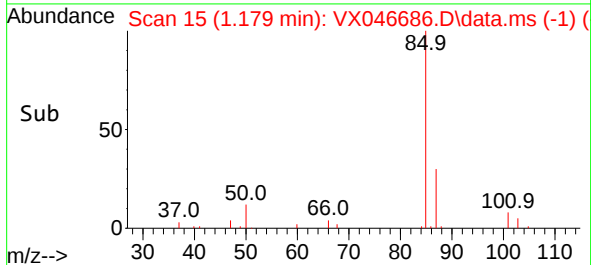
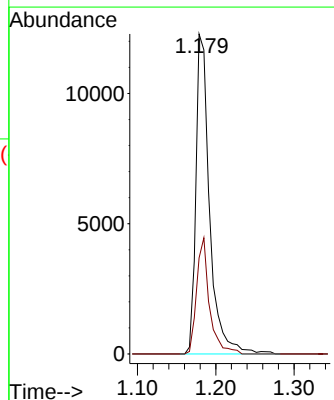
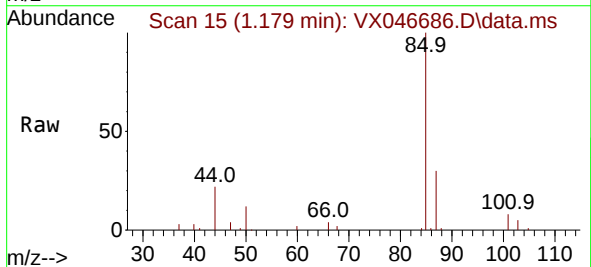
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

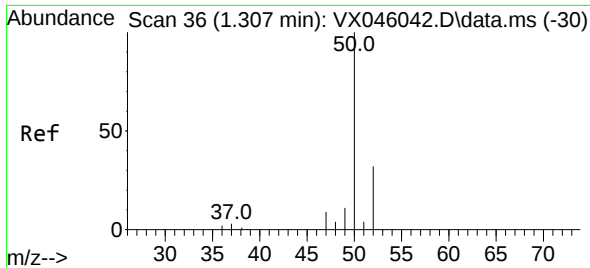
Tgt Ion:168 Resp: 65989
Ion Ratio Lower Upper
168 100
99 64.0 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 16.371 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 85 Resp: 14998
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.1

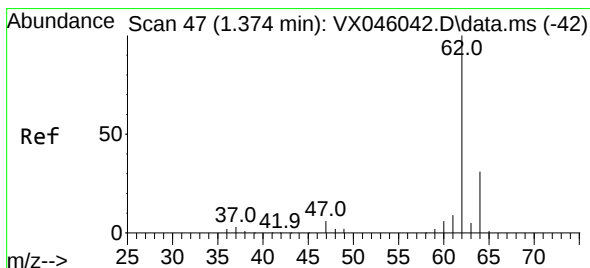
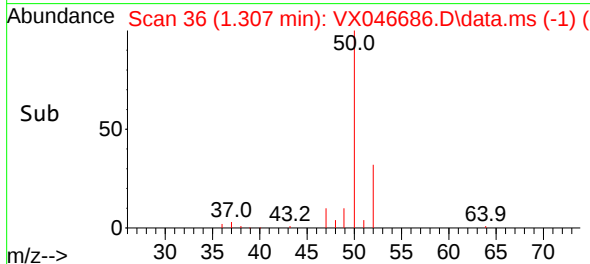
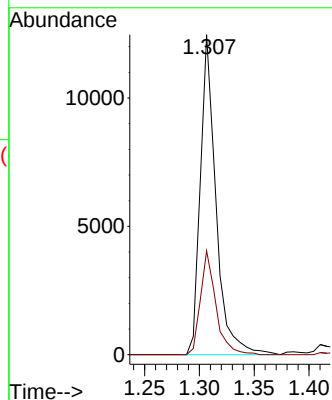
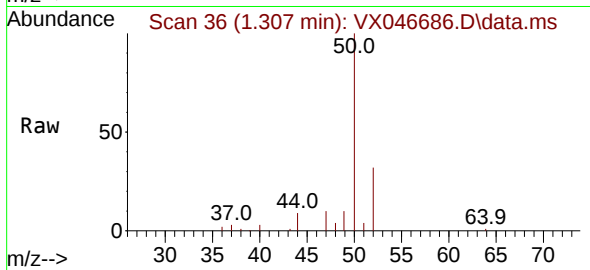




#3
Chloromethane
Concen: 14.784 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

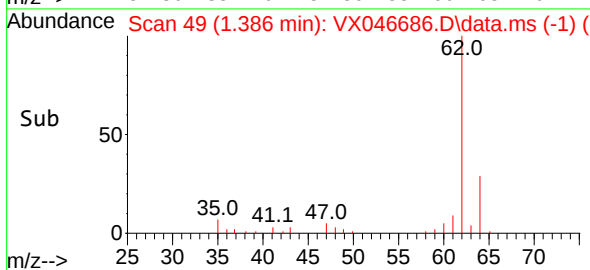
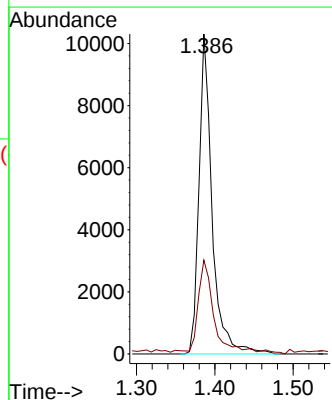
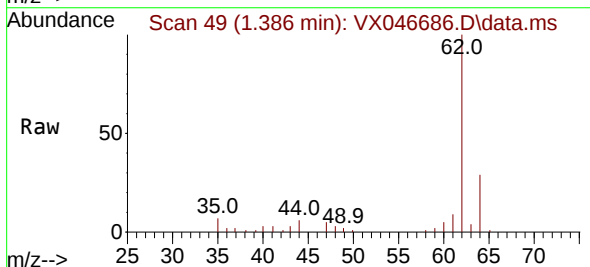
Instrument :
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VX0613WBSD02

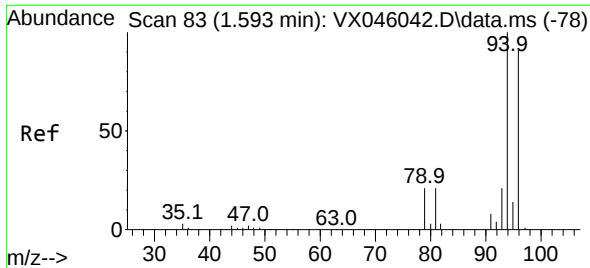
Tgt Ion: 50 Resp: 12328
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 14.490 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 62 Resp: 12045
Ion Ratio Lower Upper
62 100
64 28.8 25.2 37.8

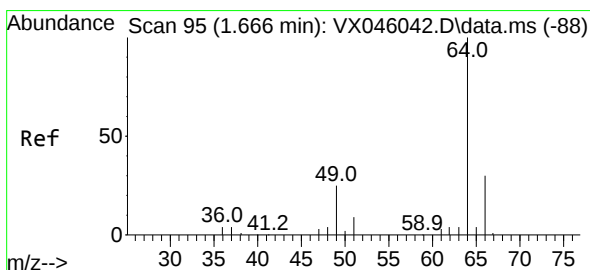
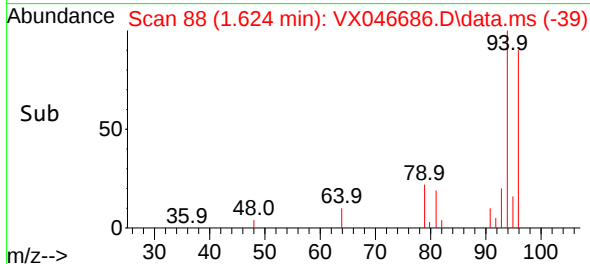
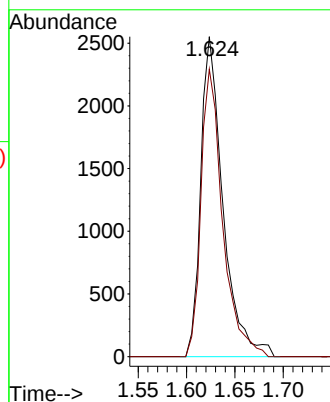
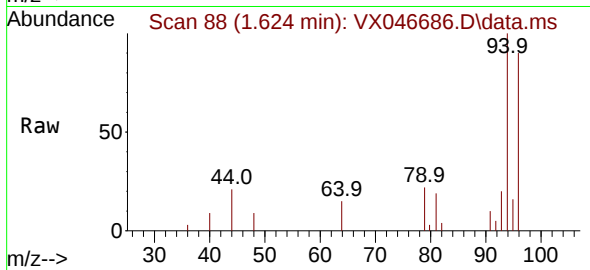




#5
Bromomethane
Concen: 8.087 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

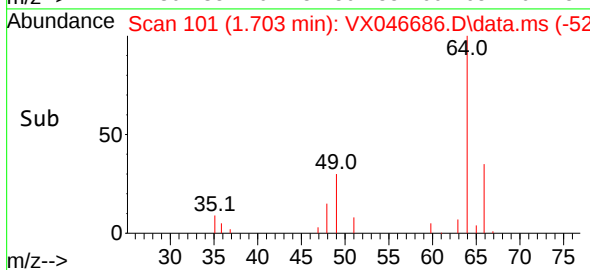
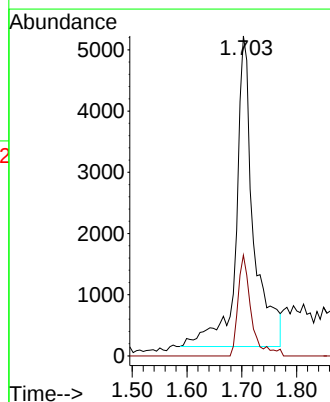
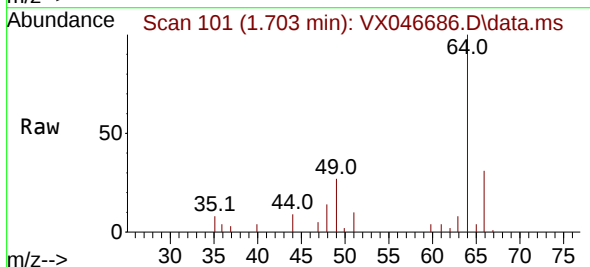
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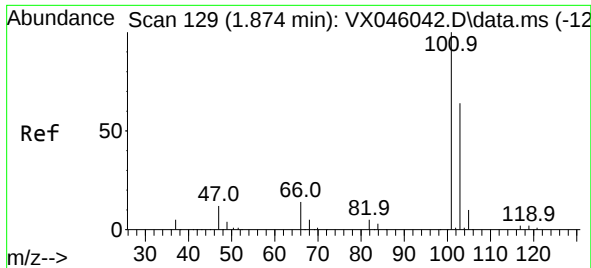
Tgt Ion: 94 Resp: 4081
Ion Ratio Lower Upper
94 100
96 89.9 72.8 109.2



#6
Chloroethane
Concen: 21.000 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046686.D
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Tgt Ion: 64 Resp: 11326
Ion Ratio Lower Upper
64 100
66 32.4 24.3 36.5

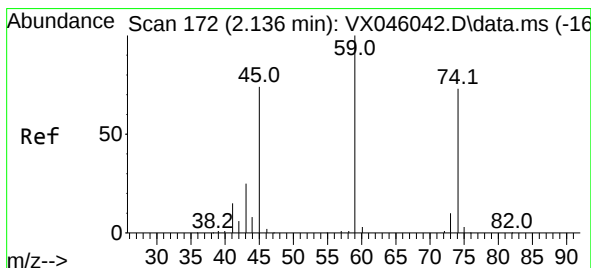
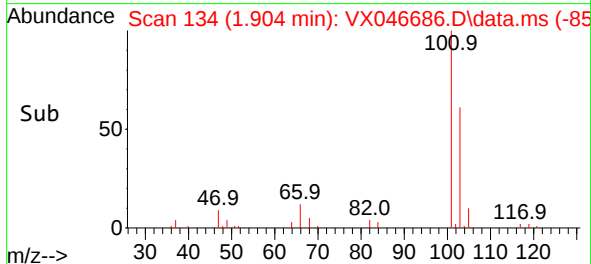
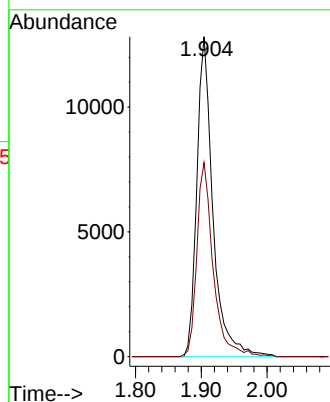
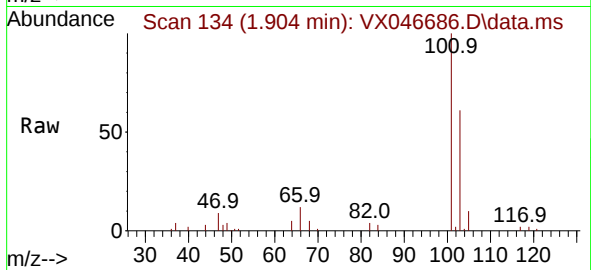




#7
Trichlorofluoromethane
Concen: 15.843 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

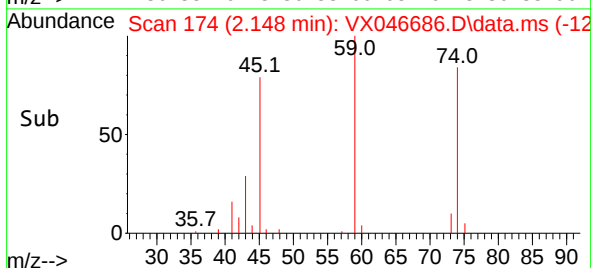
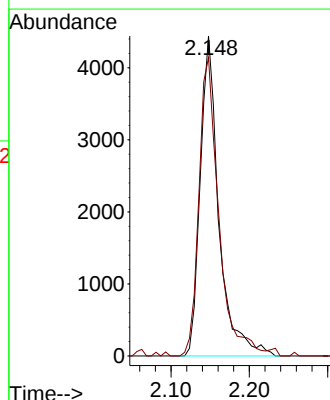
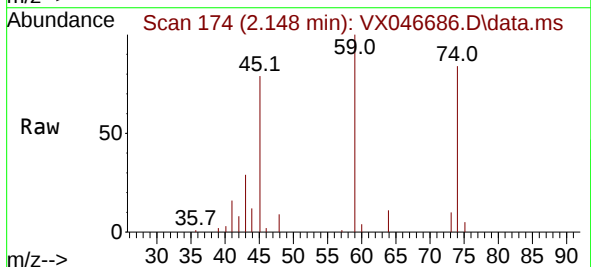
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VX0613WBSD02

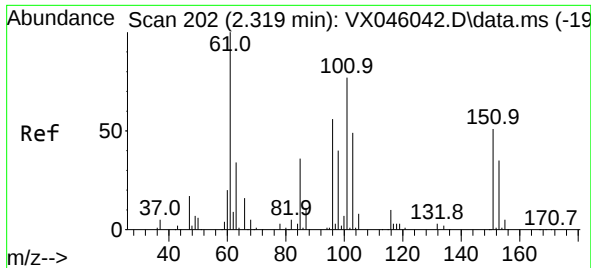
Tgt Ion:101 Resp: 21789
Ion Ratio Lower Upper
101 100
103 60.7 51.0 76.4



#8
Diethyl Ether
Concen: 15.035 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 74 Resp: 7306
Ion Ratio Lower Upper
74 100
45 100.1 54.9 164.8

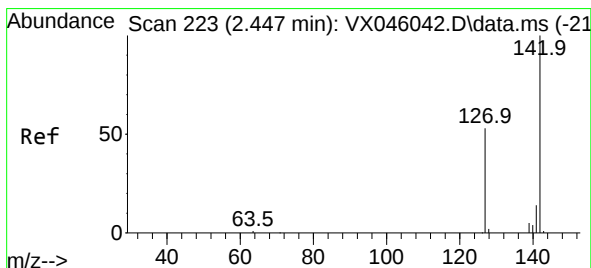
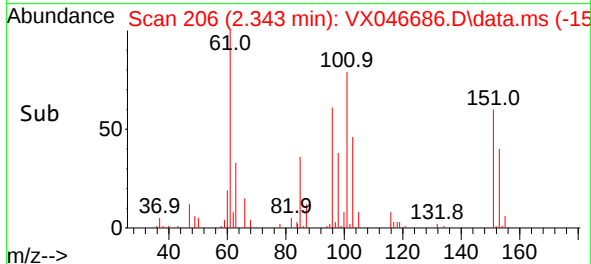
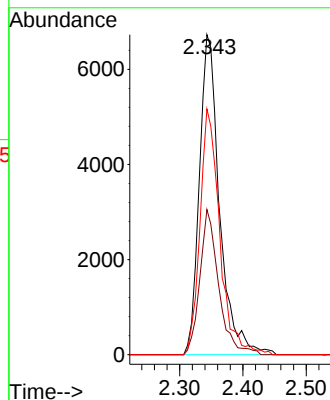
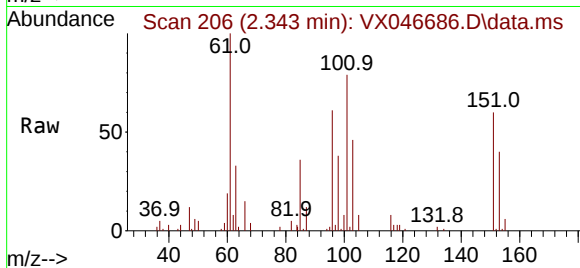




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.244 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

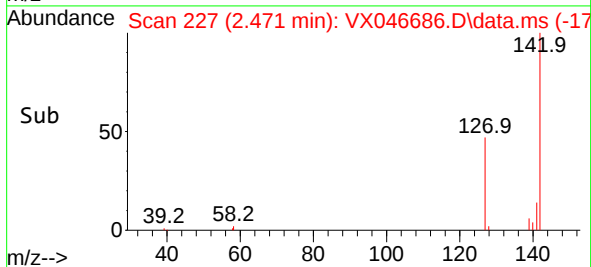
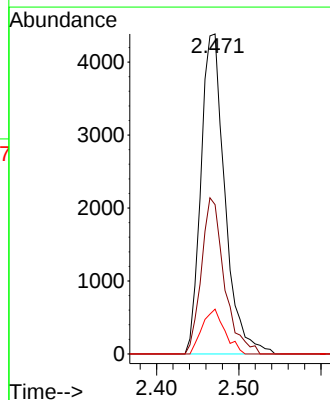
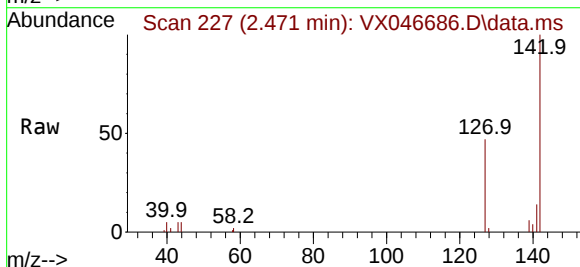
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

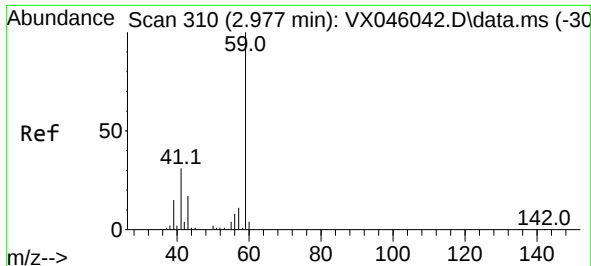
Tgt Ion:101 Resp: 14942
Ion Ratio Lower Upper
101 100
85 42.4 38.6 58.0
151 75.3 55.2 82.8



#10
Methyl Iodide
Concen: 9.440 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:142 Resp: 8867
Ion Ratio Lower Upper
142 100
127 46.8 41.7 62.5
141 13.2 11.5 17.3

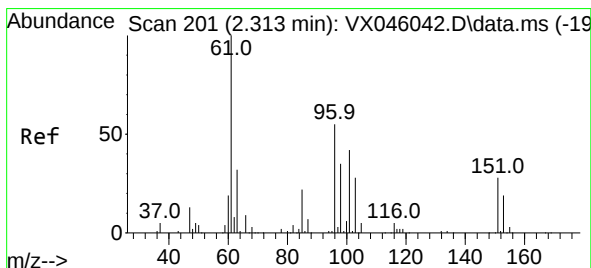
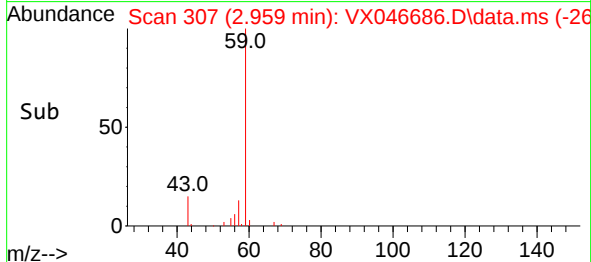
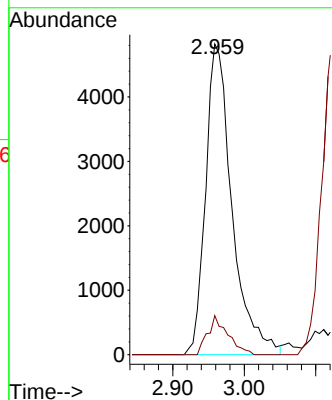
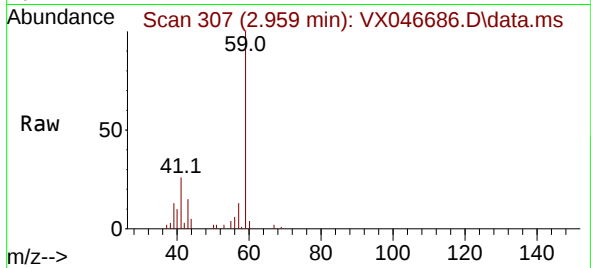




#11
Tert butyl alcohol
Concen: 95.055 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

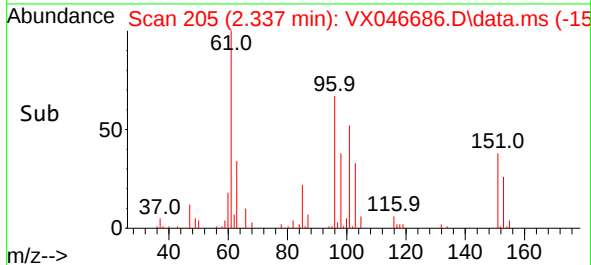
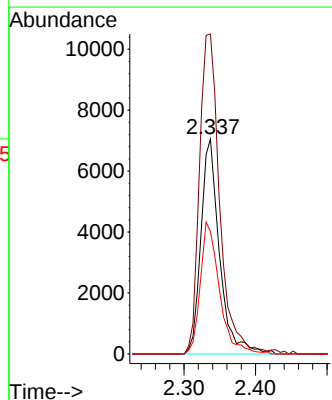
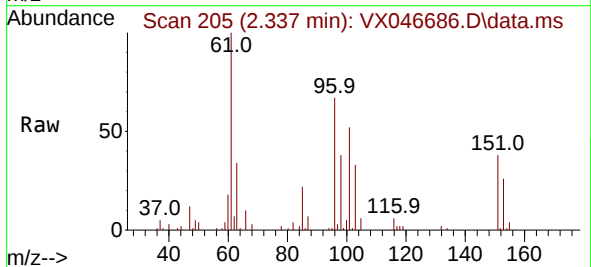
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

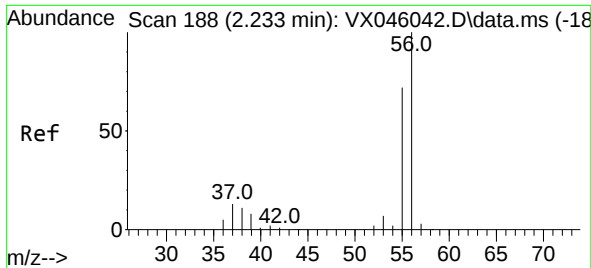
Tgt Ion: 59 Resp: 12383
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 16.267 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 96 Resp: 12744
Ion Ratio Lower Upper
96 100
61 148.8 146.2 219.2
98 56.9 51.0 76.6





#13

Acrolein

Concen: 69.912 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.001 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

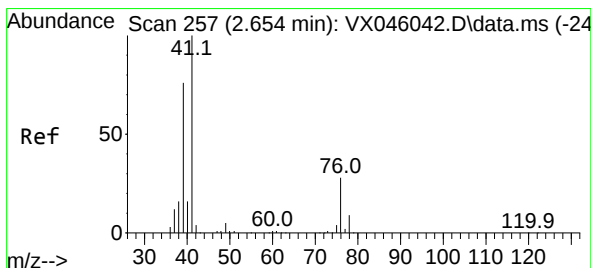
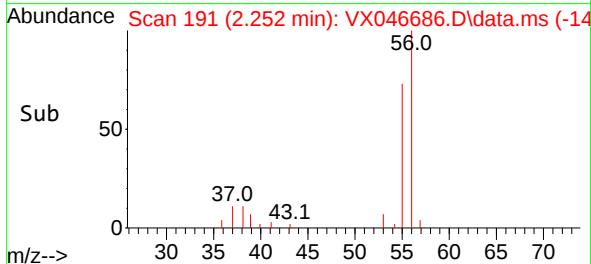
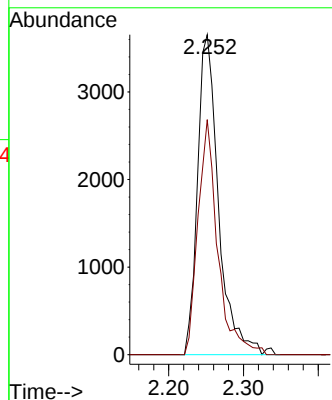
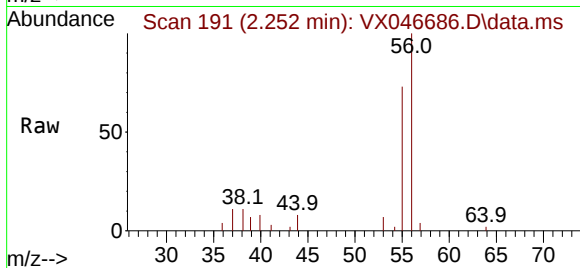
VX0613WBSD02

Tgt Ion: 56 Resp: 7145

Ion Ratio Lower Upper

56 100

55 68.9 56.2 84.4



#14

Allyl chloride

Concen: 17.529 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

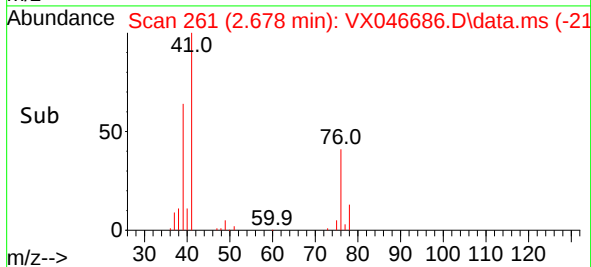
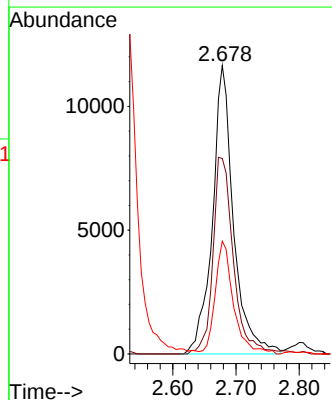
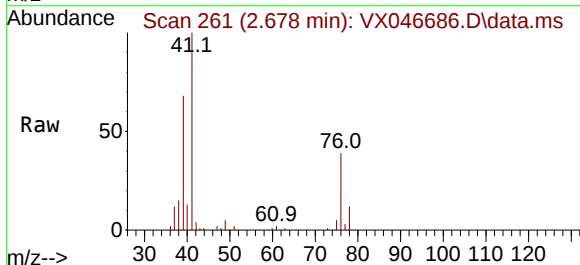
Tgt Ion: 41 Resp: 26971

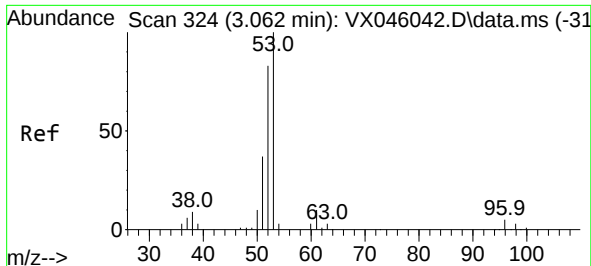
Ion Ratio Lower Upper

41 100

39 66.5 60.6 90.8

76 33.8 24.9 37.3





#15

Acrylonitrile

Concen: 102.442 ug/l

RT: 3.075 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

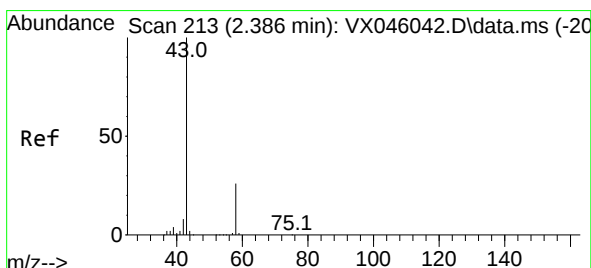
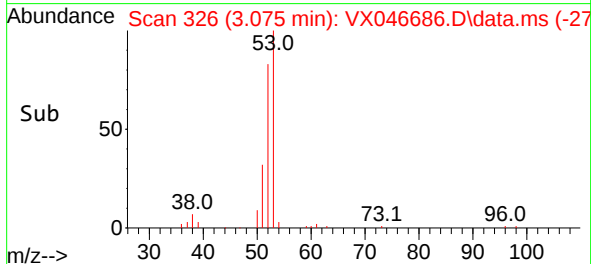
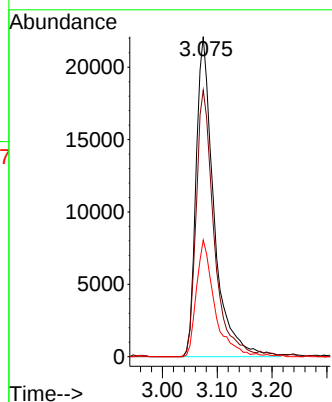
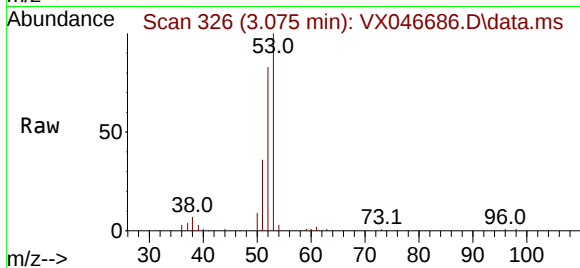
Tgt Ion: 53 Resp: 50458

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

51 37.5 29.8 44.8



#16

Acetone

Concen: 79.692 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX046686.D

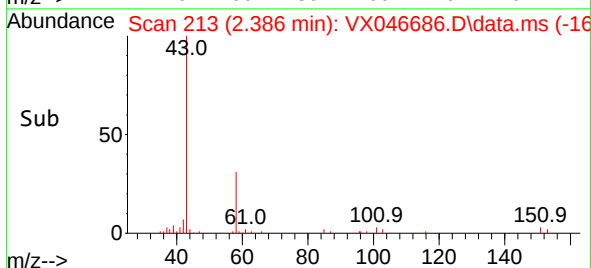
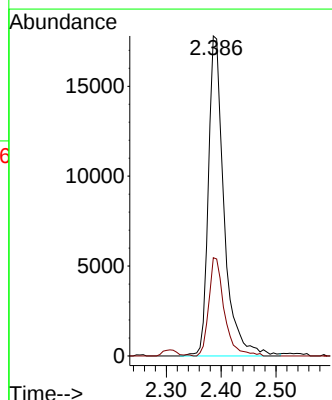
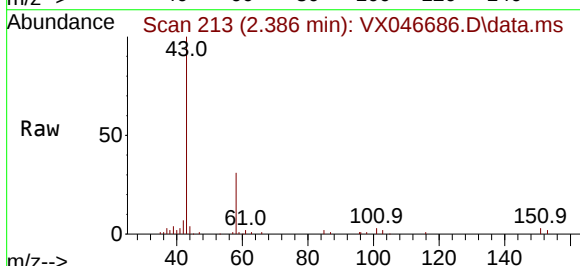
Acq: 13 Jun 2025 14:09

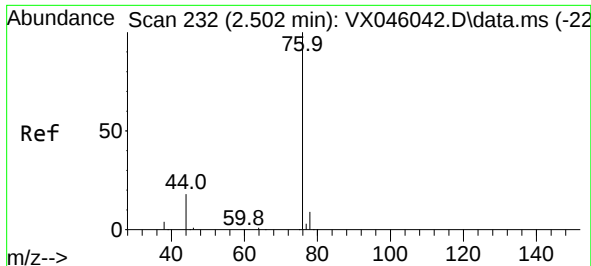
Tgt Ion: 43 Resp: 35270

Ion Ratio Lower Upper

43 100

58 30.7 21.2 31.8

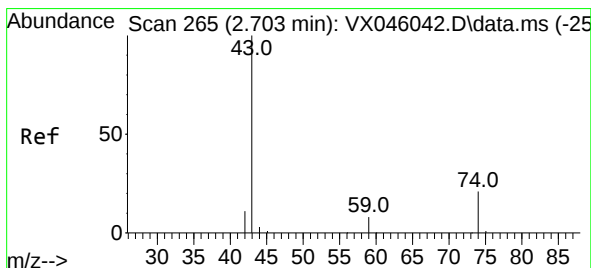
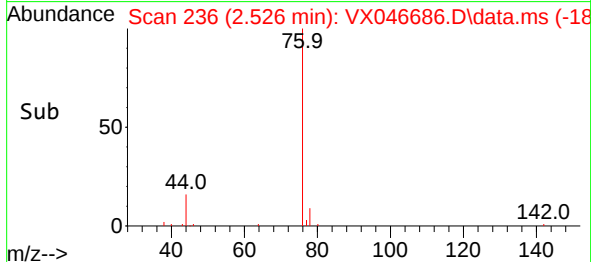
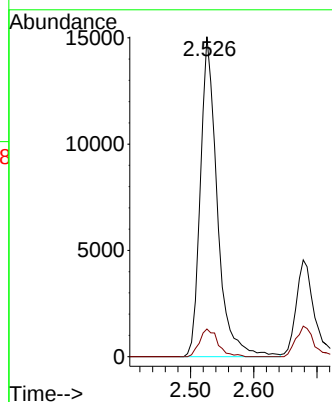
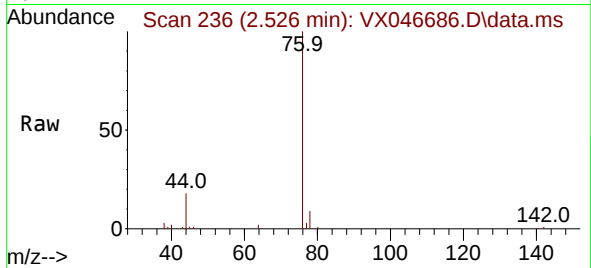




#17
Carbon Disulfide
Concen: 16.948 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

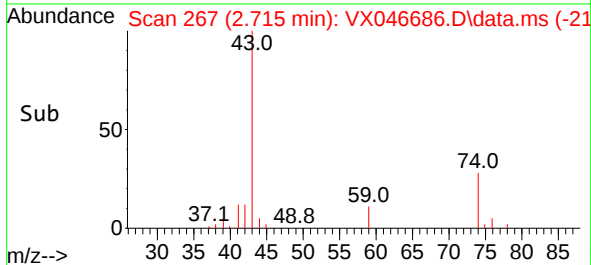
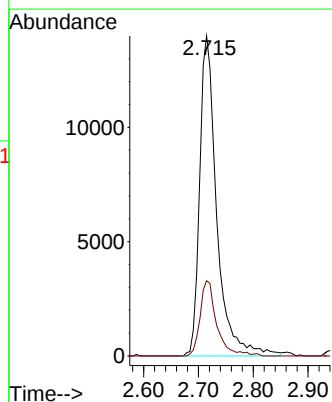
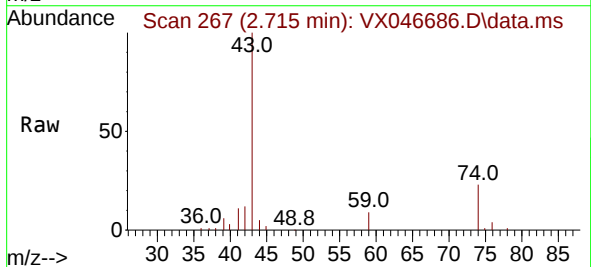
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

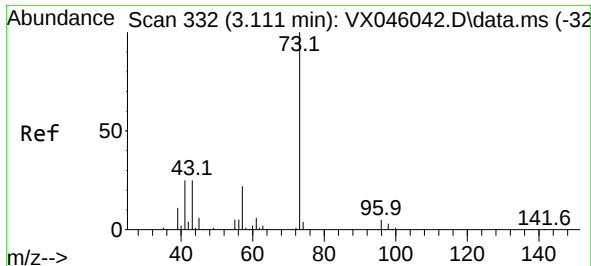
Tgt Ion: 76 Resp: 27969
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 21.707 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 43 Resp: 30355
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1

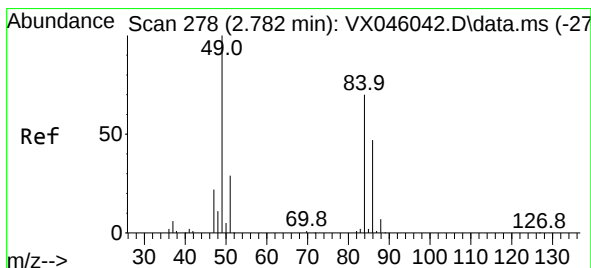
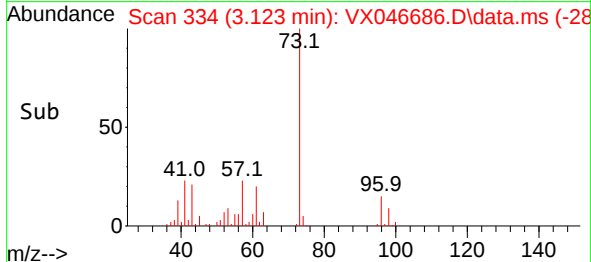
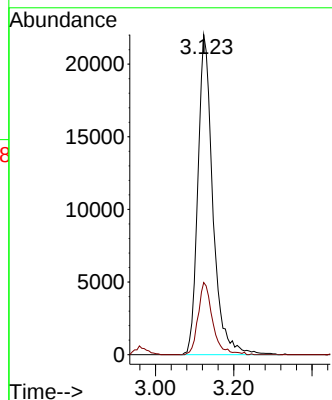
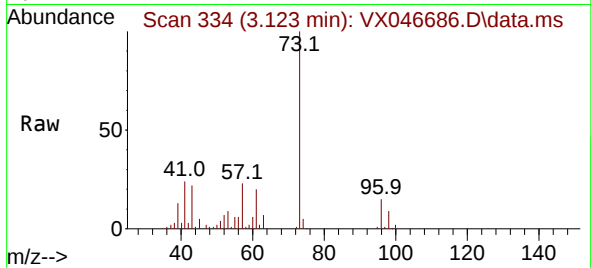




#19
Methyl tert-butyl Ether
Concen: 21.362 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

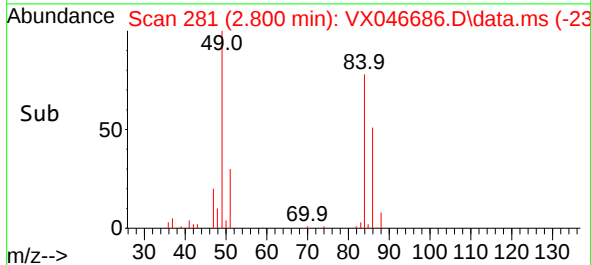
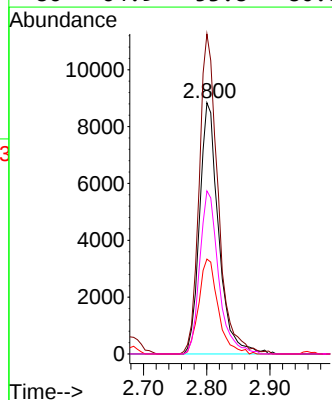
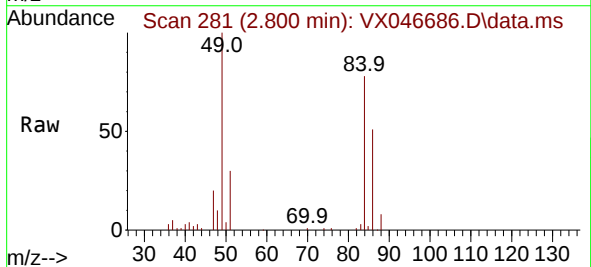
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

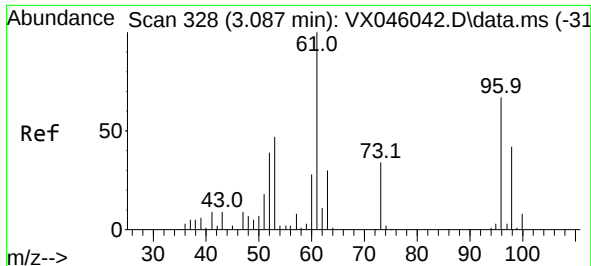
Tgt Ion: 73 Resp: 58562
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 19.607 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 84 Resp: 18467
Ion Ratio Lower Upper
84 100
49 127.4 113.9 170.9
51 37.8 33.5 50.3
86 64.9 53.8 80.8

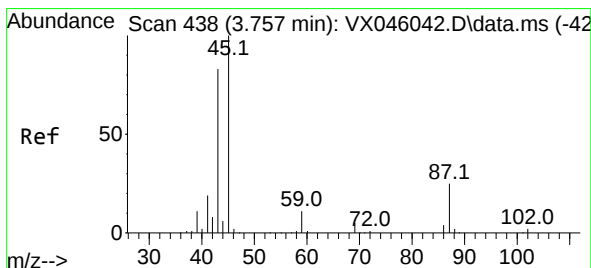
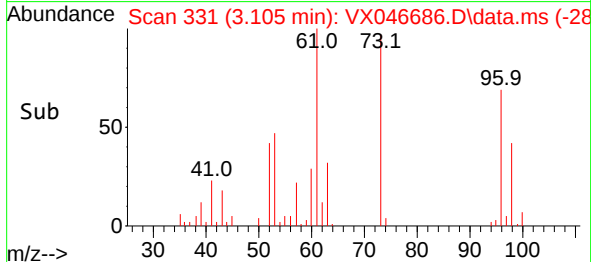
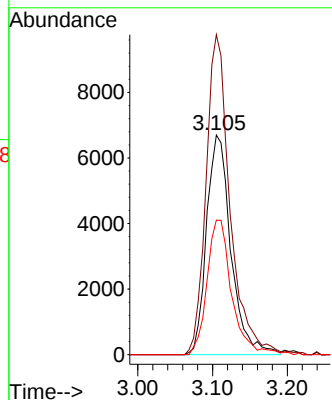
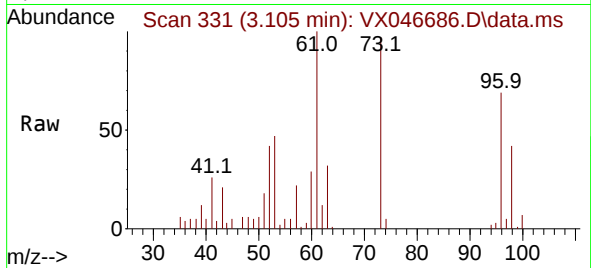




#21
trans-1,2-Dichloroethene
Concen: 18.293 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

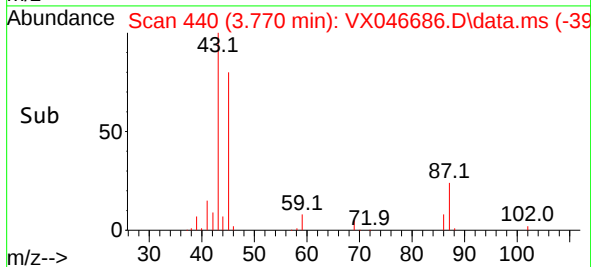
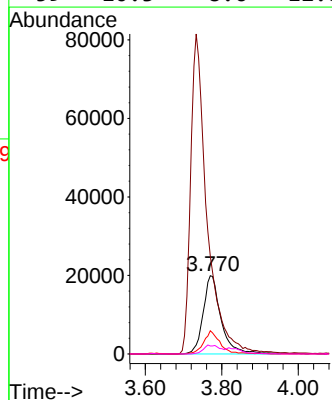
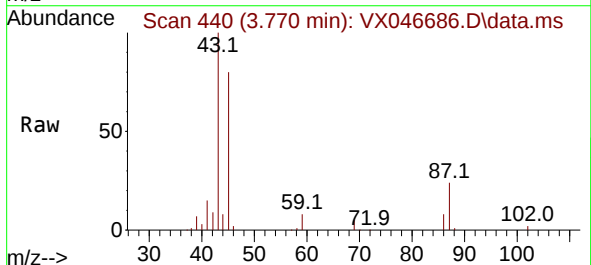
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

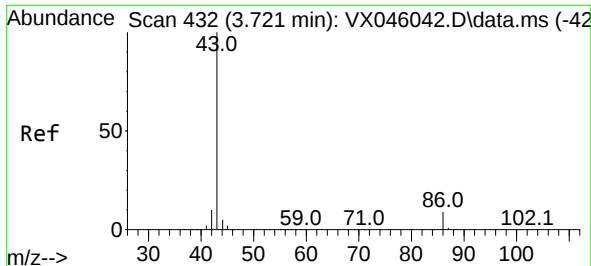
Tgt Ion: 96 Resp: 15167
Ion Ratio Lower Upper
96 100
61 145.6 119.5 179.3
98 61.3 50.0 75.0



#22
Diisopropyl ether
Concen: 21.293 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 45 Resp: 64593
Ion Ratio Lower Upper
45 100
43 124.7 66.6 100.0#
87 29.6 19.8 29.6
59 10.3 8.6 12.8

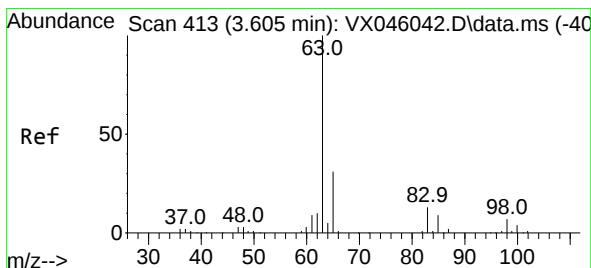
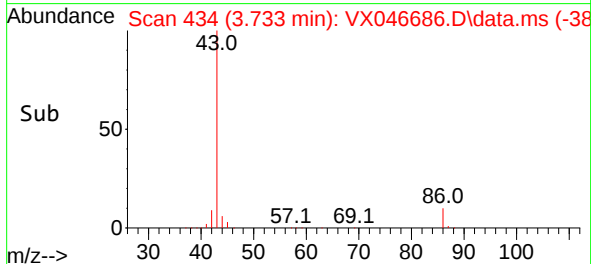
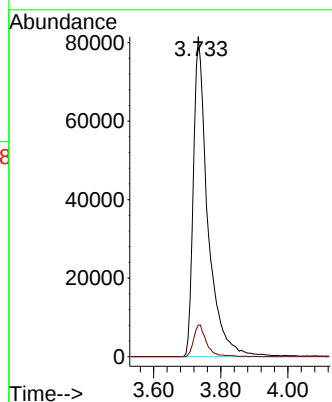
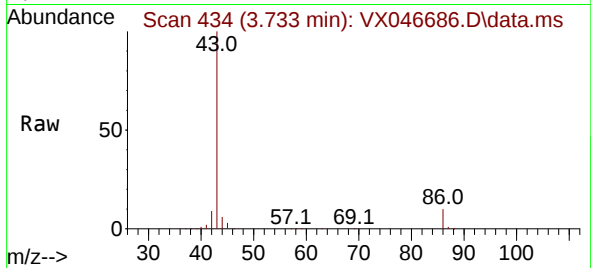




#23
 Vinyl Acetate
 Concen: 104.082 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

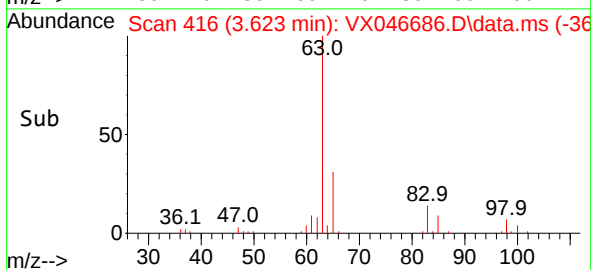
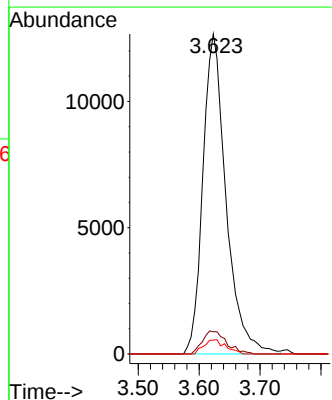
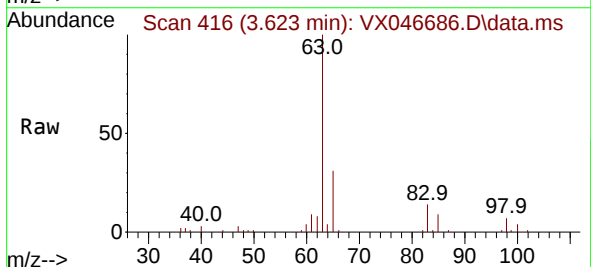
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02

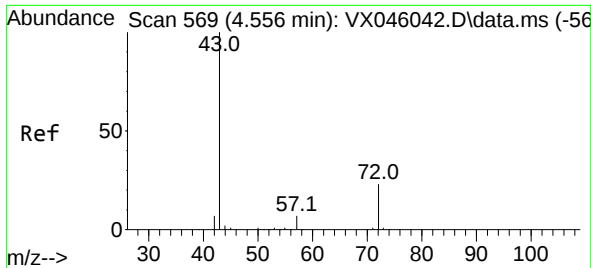
Tgt Ion: 43 Resp: 243765
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.806 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

Tgt Ion: 63 Resp: 33486
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.4 2.1 6.3

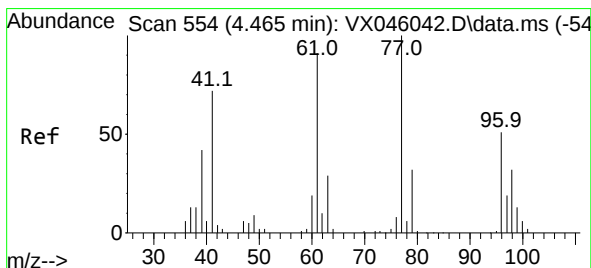
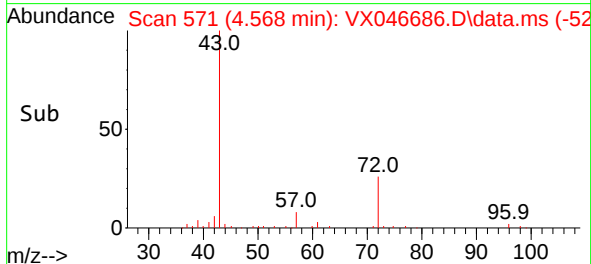
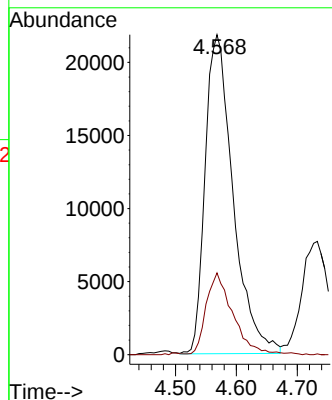
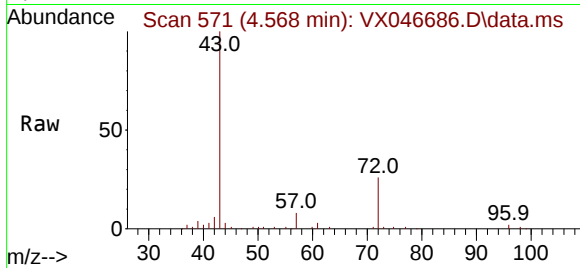




#25
2-Butanone
Concen: 106.601 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

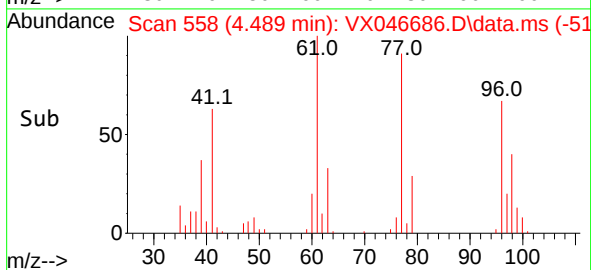
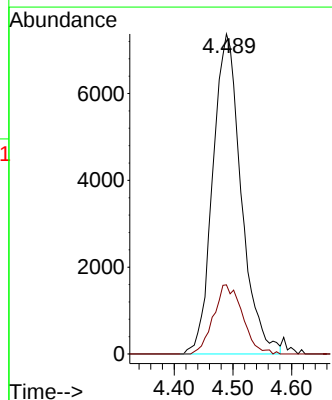
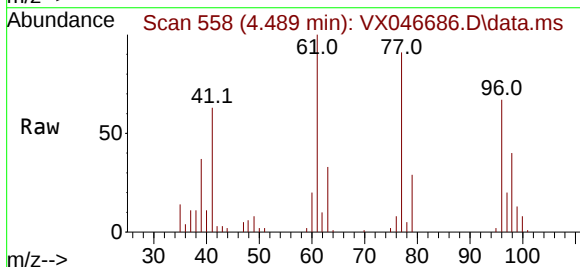
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

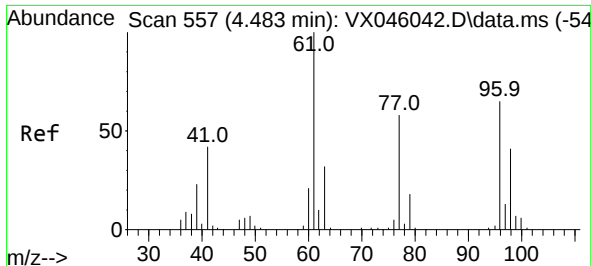
Tgt Ion: 43 Resp: 69669
Ion Ratio Lower Upper
43 100
72 25.4 18.4 27.6



#26
2,2-Dichloropropane
Concen: 19.719 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 77 Resp: 24749
Ion Ratio Lower Upper
77 100
97 22.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.627 ug/l

RT: 4.507 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

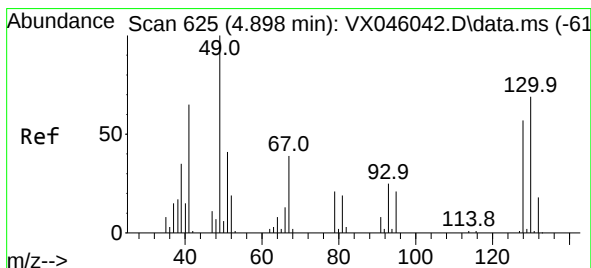
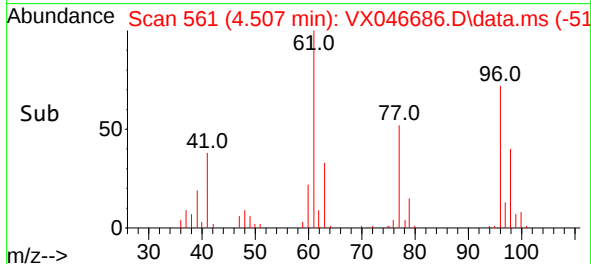
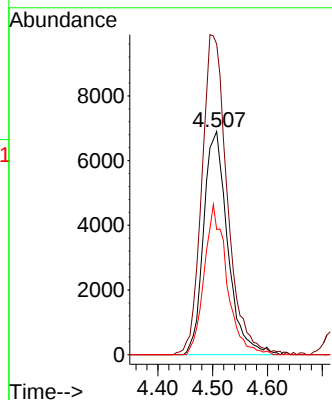
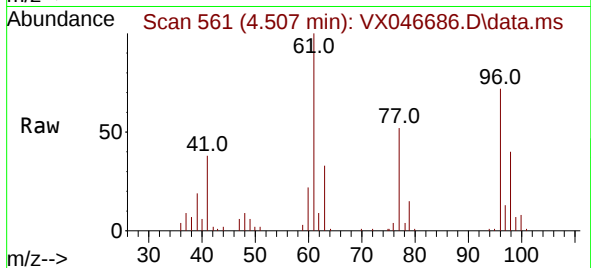
Tgt Ion: 96 Resp: 21053

Ion Ratio Lower Upper

96 100

61 151.6 0.0 322.8

98 63.2 0.0 129.0



#28

Bromochloromethane

Concen: 32.418 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

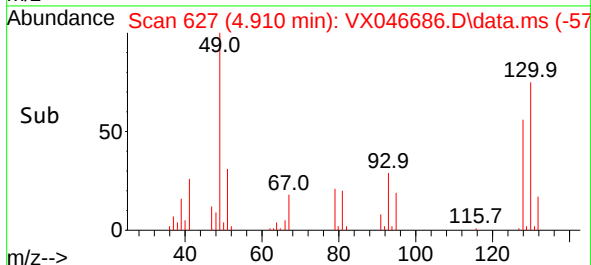
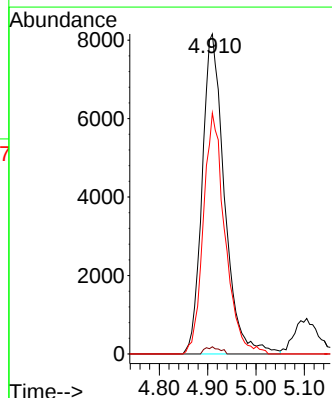
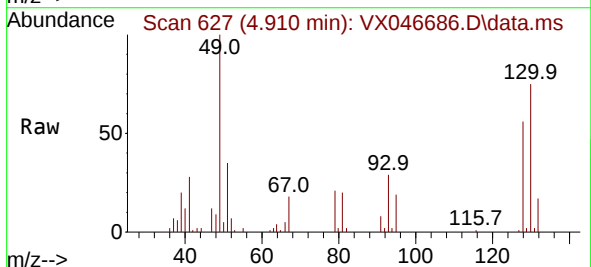
Tgt Ion: 49 Resp: 26141

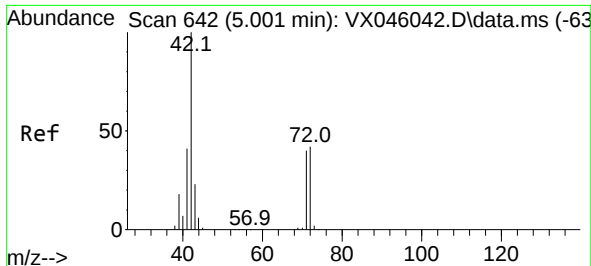
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 73.0 56.2 84.2





#29

Tetrahydrofuran

Concen: 103.770 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

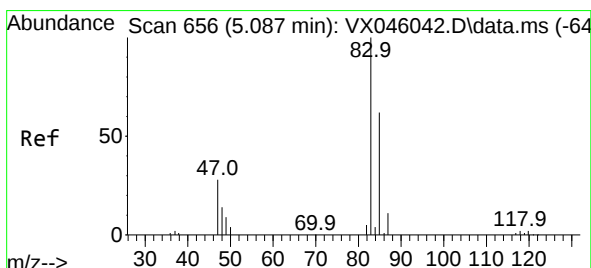
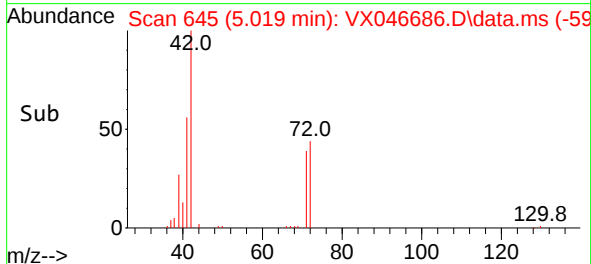
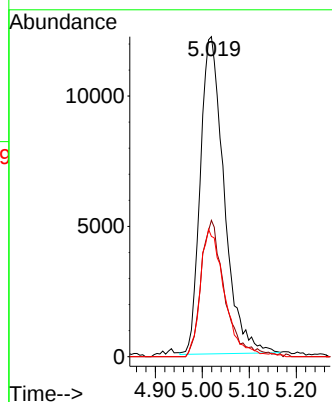
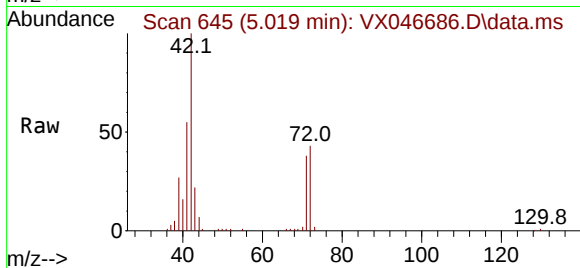
Tgt Ion: 42 Resp: 42830

Ion Ratio Lower Upper

42 100

72 42.9 33.7 50.5

71 40.6 31.4 47.2



#30

Chloroform

Concen: 21.587 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.006 min

Lab File: VX046686.D

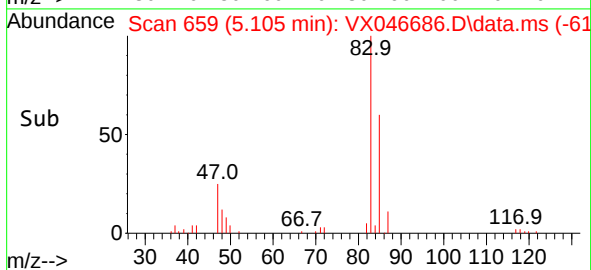
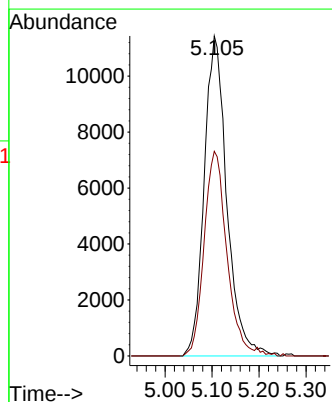
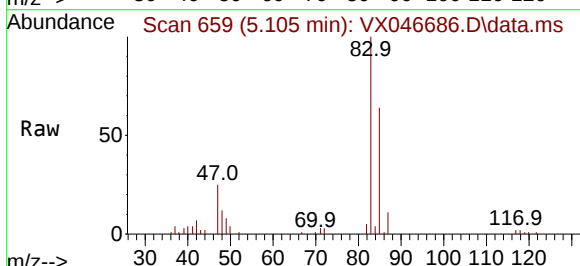
Acq: 13 Jun 2025 14:09

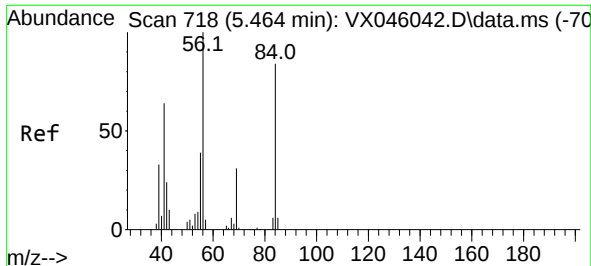
Tgt Ion: 83 Resp: 38241

Ion Ratio Lower Upper

83 100

85 63.9 49.3 73.9

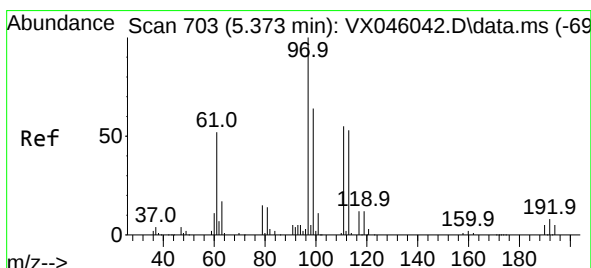
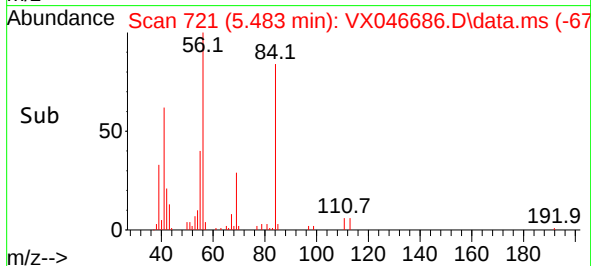
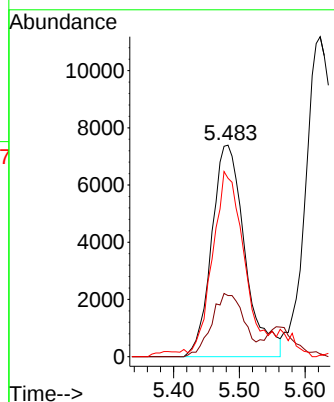
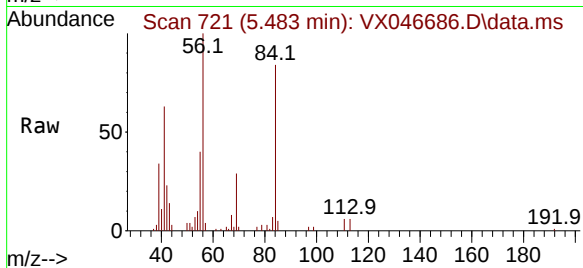




#31
Cyclohexane
Concen: 19.089 ug/l
RT: 5.483 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

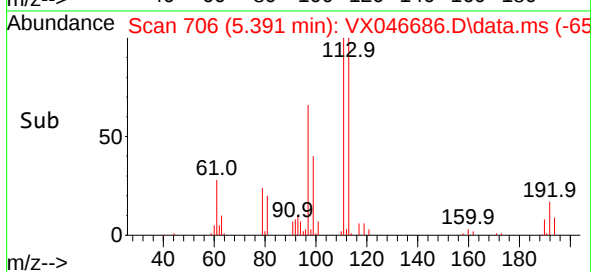
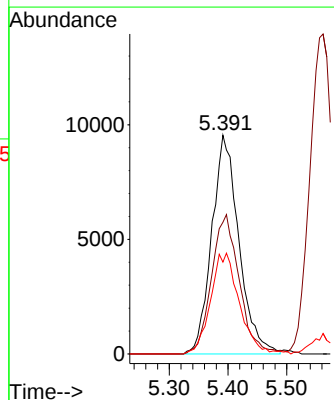
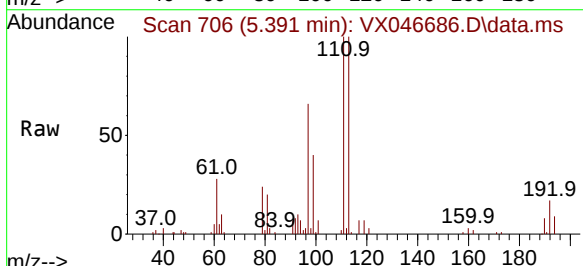
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

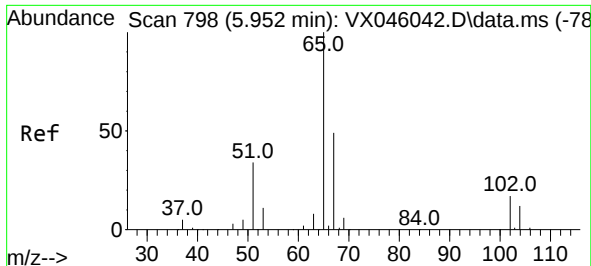
Tgt Ion: 56 Resp: 26054
Ion Ratio Lower Upper
56 100
69 28.9 24.4 36.6
84 82.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.201 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 97 Resp: 30611
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 48.9 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 50.009 ug/l

RT: 5.964 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

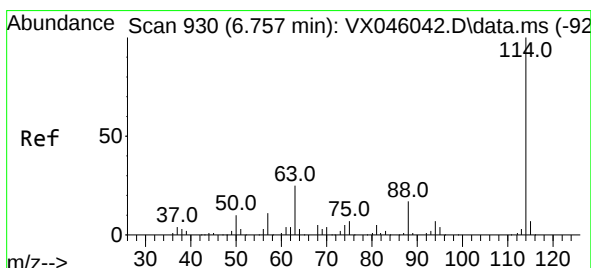
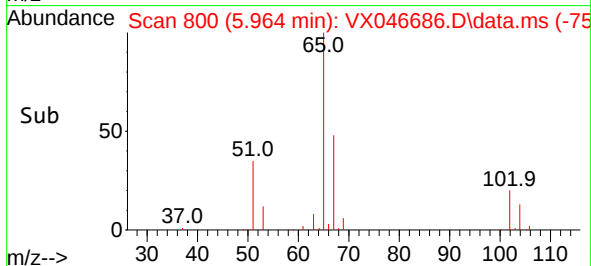
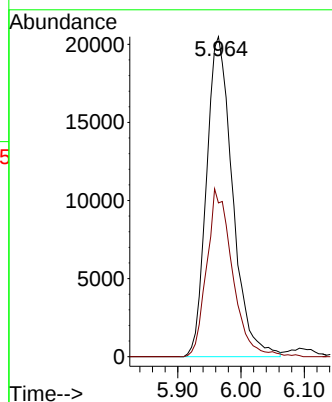
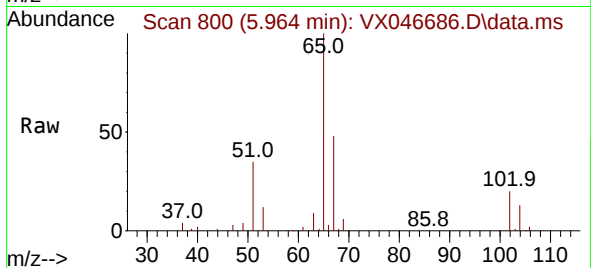
VX0613WBSD02

Tgt Ion: 65 Resp: 58711

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

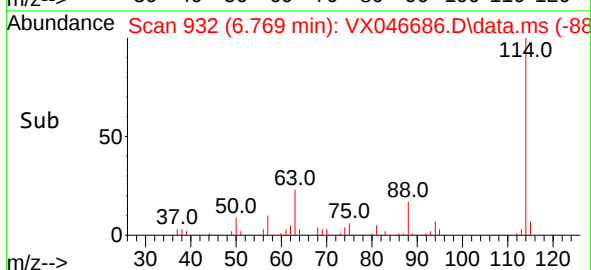
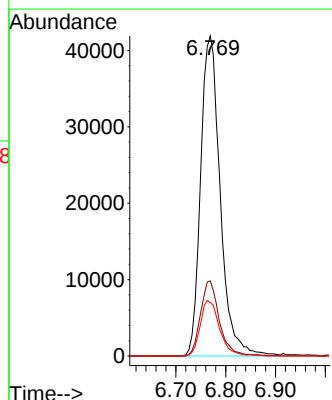
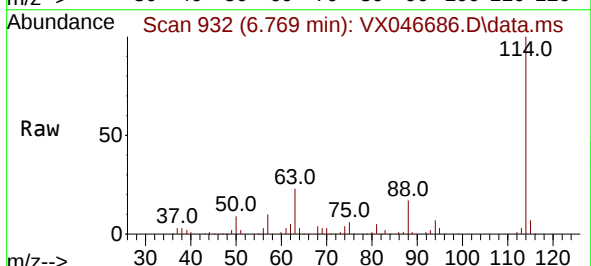
Tgt Ion: 114 Resp: 114290

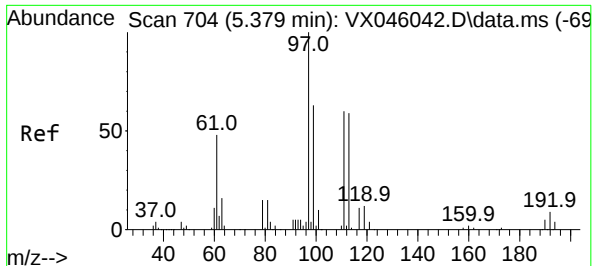
Ion Ratio Lower Upper

114 100

63 23.5 0.0 49.2

88 16.7 0.0 33.6

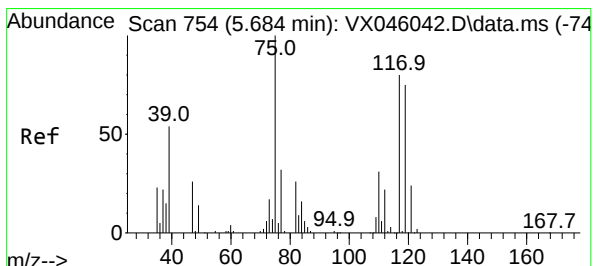
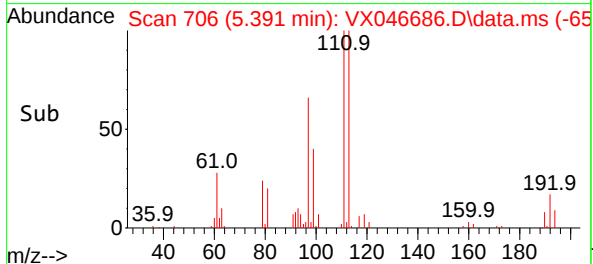
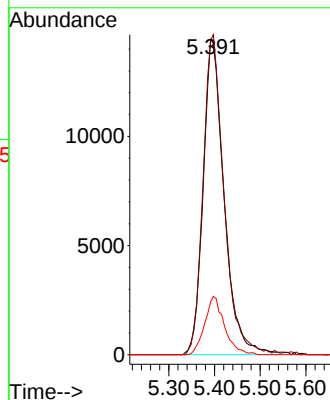
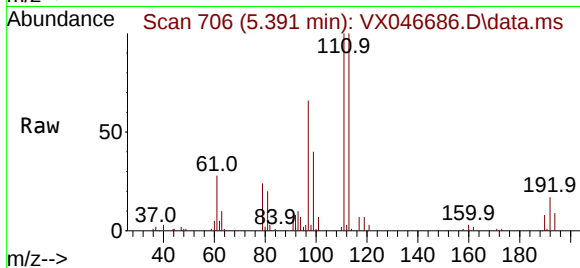




#35
Dibromofluoromethane
Concen: 54.611 ug/l
RT: 5.391 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

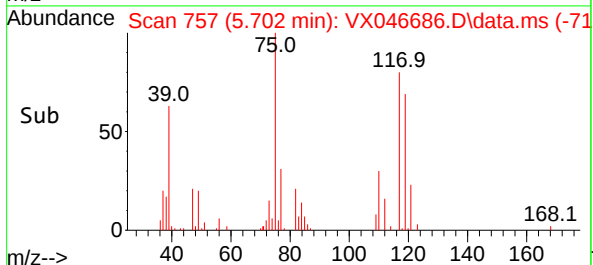
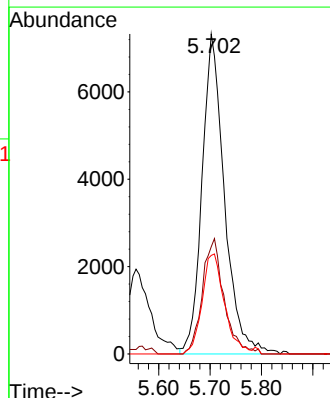
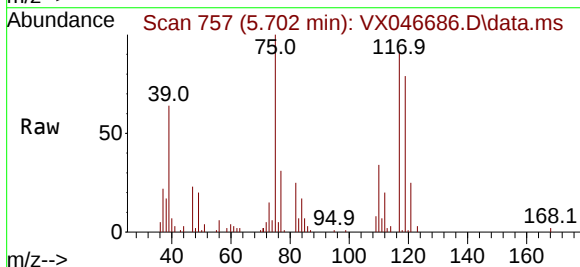
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

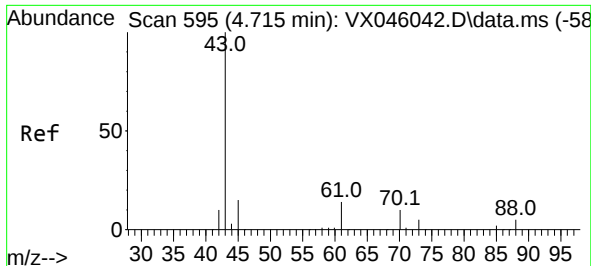
Tgt Ion:113 Resp: 45900
Ion Ratio Lower Upper
113 100
111 101.2 83.1 124.7
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 18.518 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 75 Resp: 22232
Ion Ratio Lower Upper
75 100
110 34.9 16.3 48.9
77 31.2 24.3 36.5

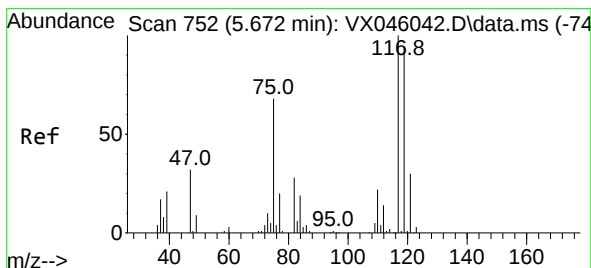
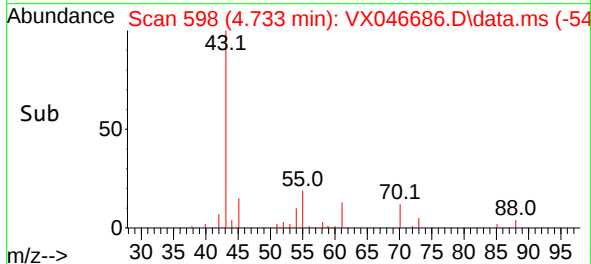
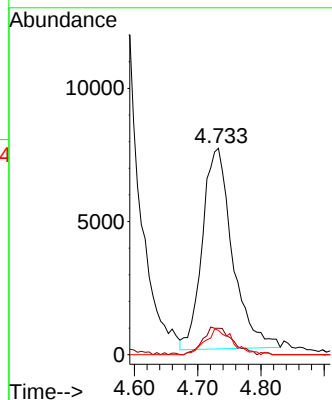
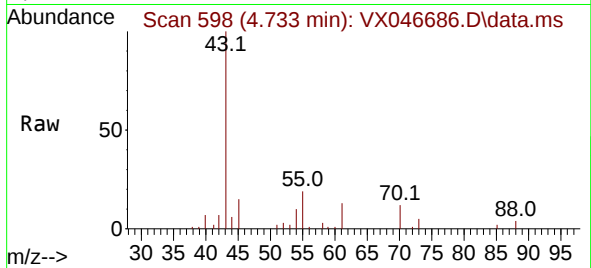




#37
Ethyl Acetate
Concen: 21.307 ug/l
RT: 4.733 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

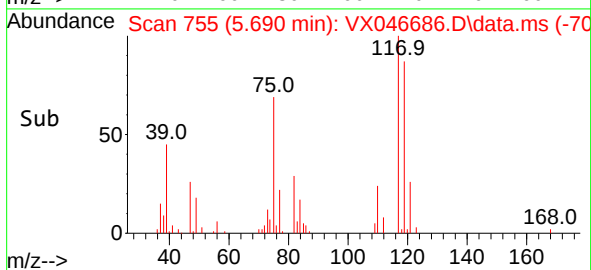
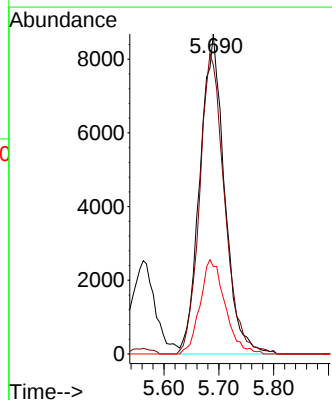
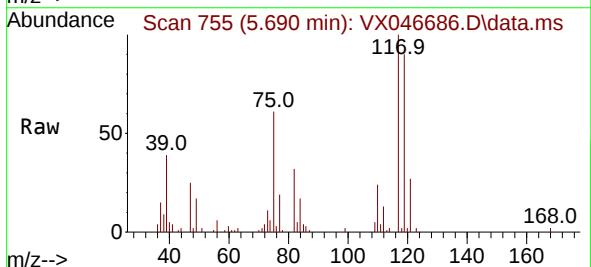
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

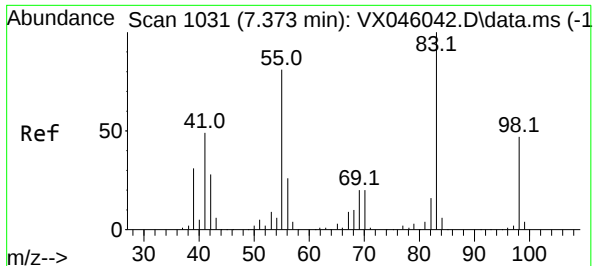
Tgt Ion: 43 Resp: 24967
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 11.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.102 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 117 Resp: 27032
Ion Ratio Lower Upper
117 100
119 90.3 75.2 112.8
121 27.3 24.2 36.4

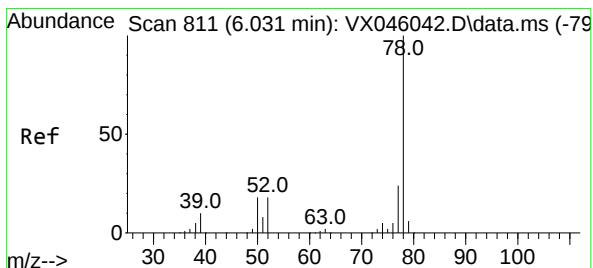
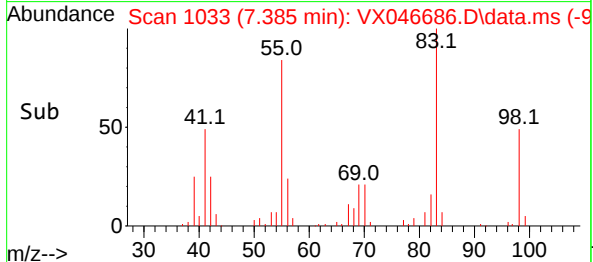
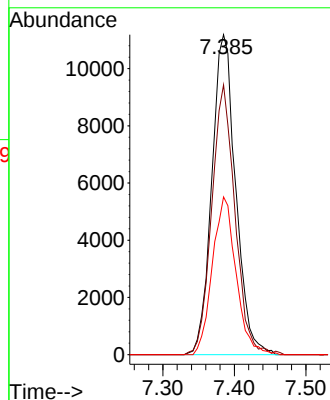
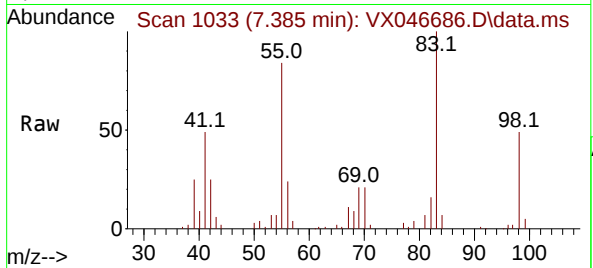




#39
Methylcyclohexane
Concen: 18.310 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

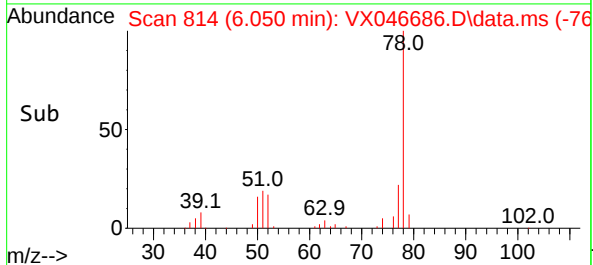
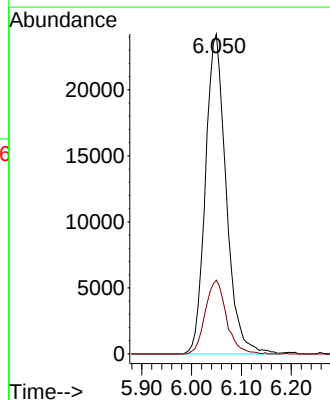
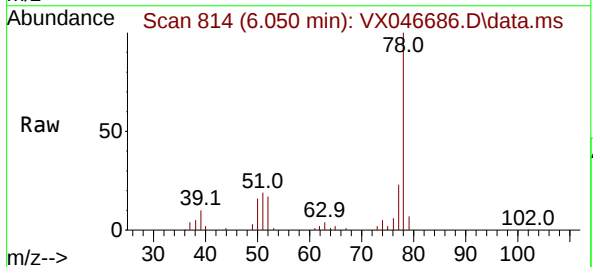
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

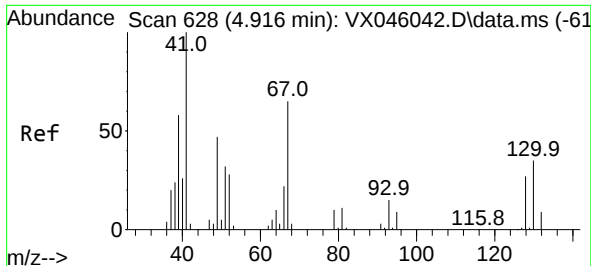
Tgt Ion: 83 Resp: 25946
Ion Ratio Lower Upper
83 100
55 84.3 64.7 97.1
98 49.3 37.4 56.2



#40
Benzene
Concen: 20.672 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 78 Resp: 69868
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



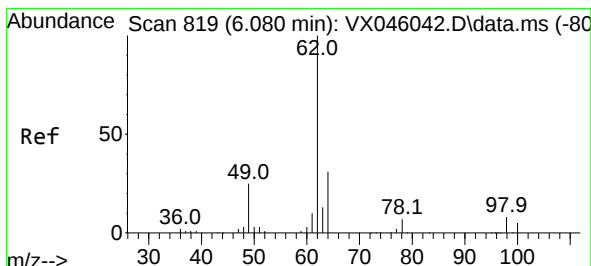
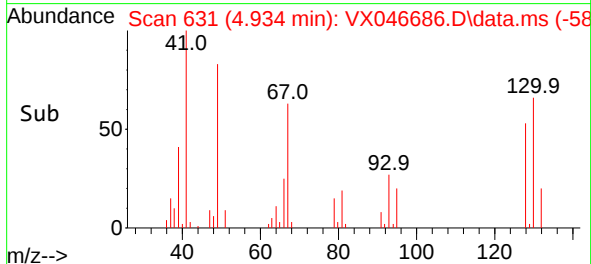
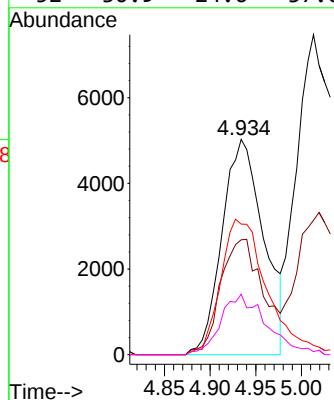
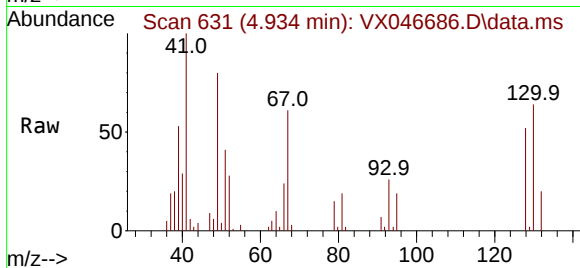


#41
Methacrylonitrile
Concen: 21.899 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 41 Resp: 15935

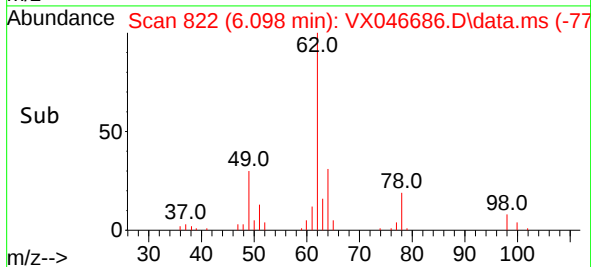
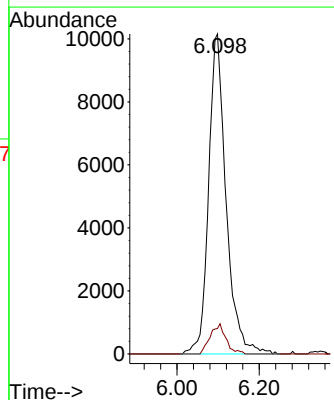
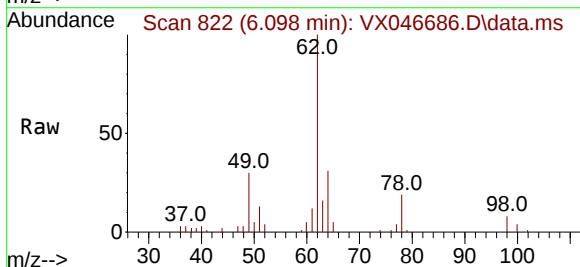
Ion	Ratio	Lower	Upper
41	100		
39	55.1	47.2	70.8
67	70.0	50.7	76.1
52	30.9	24.6	37.0

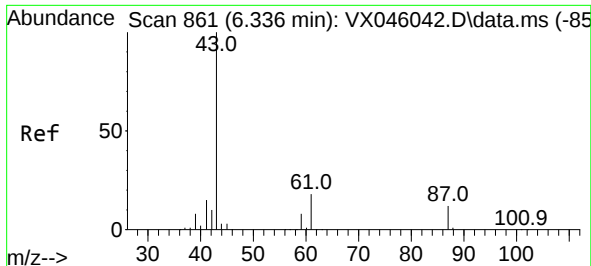


#42
1,2-Dichloroethane
Concen: 21.275 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 62 Resp: 29914

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.2

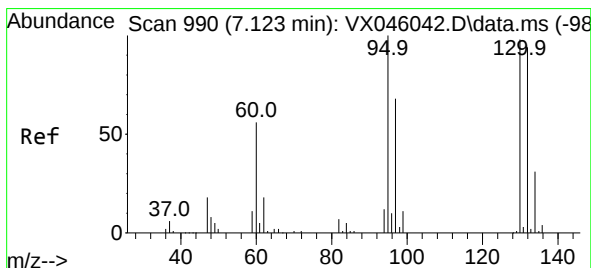
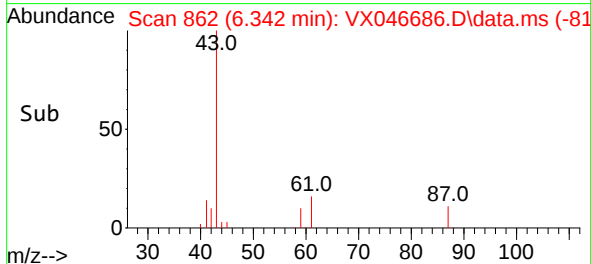
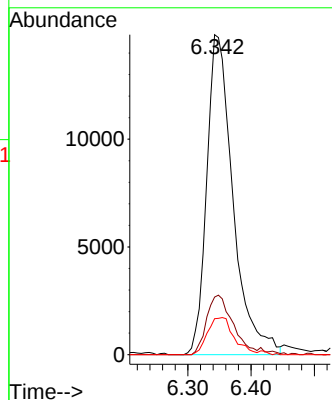
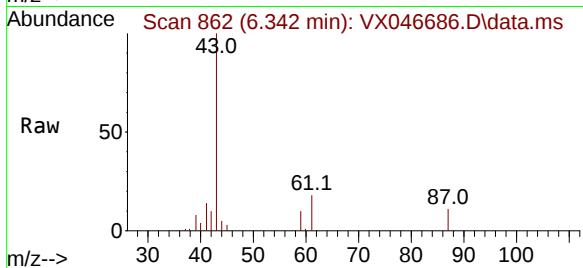




#43
Isopropyl Acetate
Concen: 21.024 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

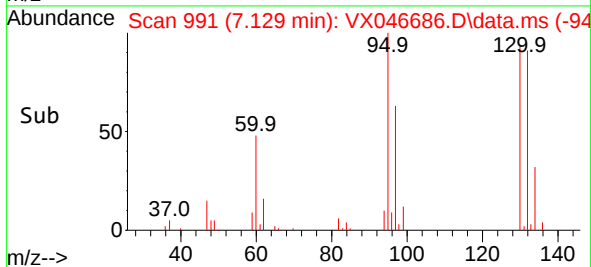
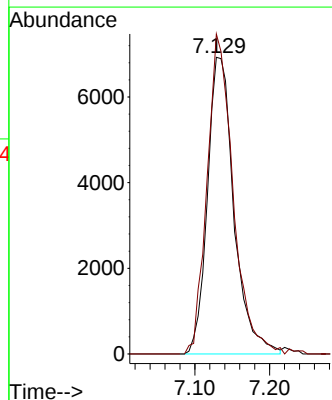
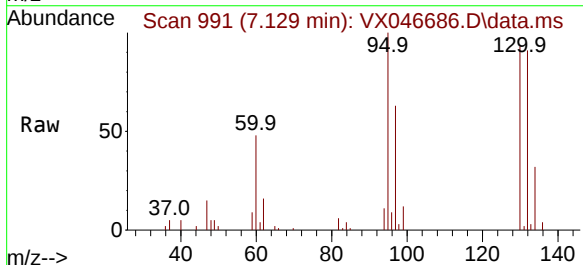
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

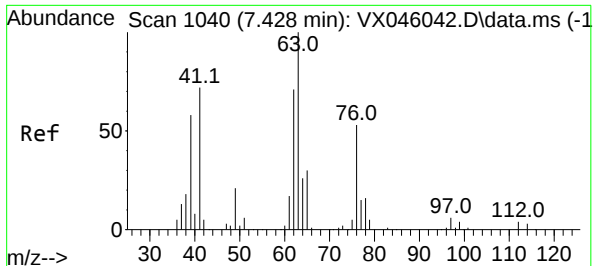
Tgt Ion: 43 Resp: 42947
Ion Ratio Lower Upper
43 100
61 19.3 14.3 21.5
87 11.6 9.5 14.3



#44
Trichloroethene
Concen: 19.852 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:130 Resp: 17048
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.2





#45

1,2-Dichloropropane

Concen: 22.275 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

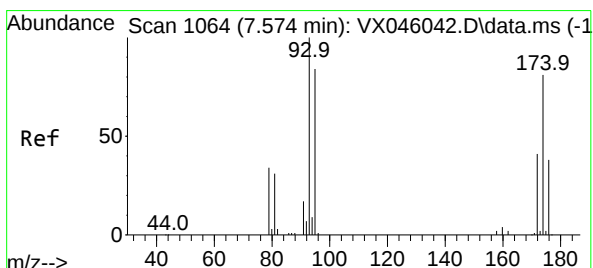
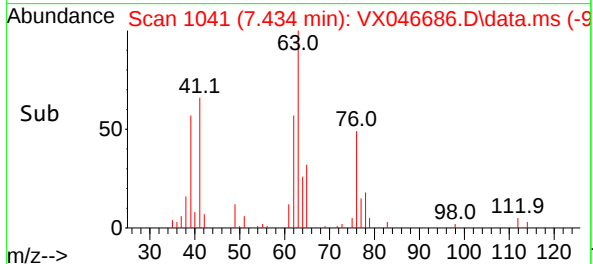
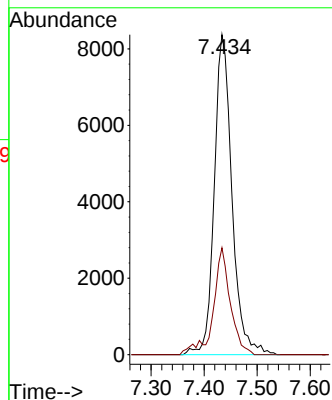
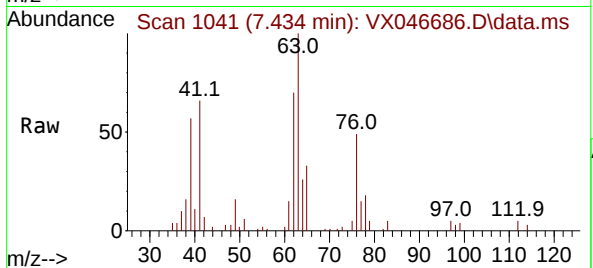
VX0613WBSD02

Tgt Ion: 63 Resp: 19432

Ion Ratio Lower Upper

63 100

65 33.4 24.1 36.1



#46

Dibromomethane

Concen: 21.580 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

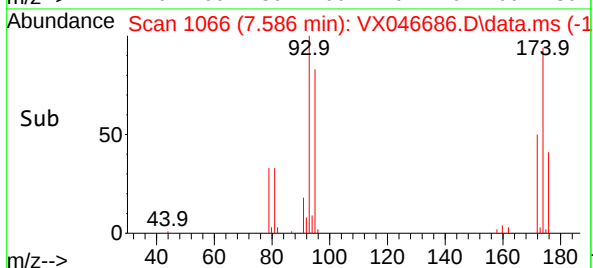
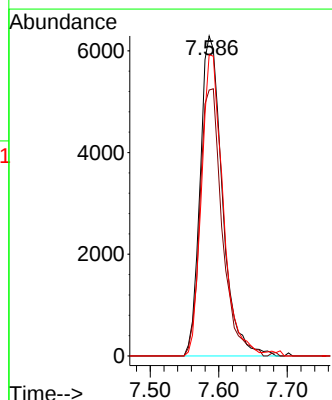
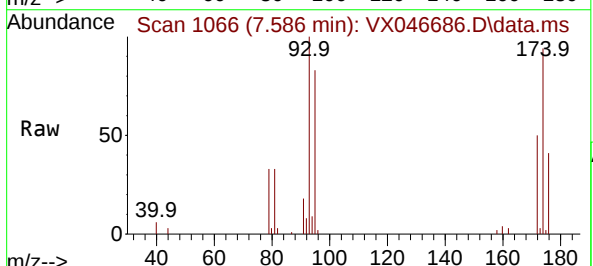
Tgt Ion: 93 Resp: 14163

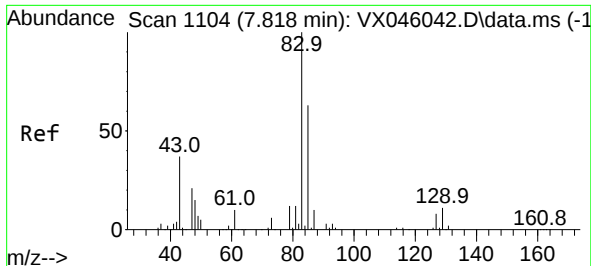
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 91.5 68.2 102.2

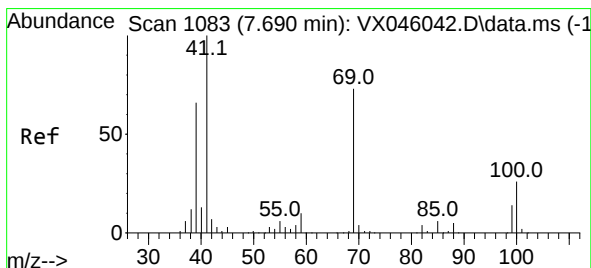
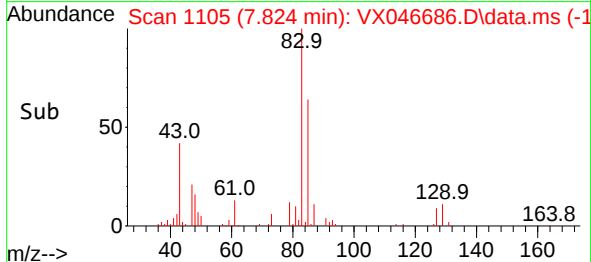
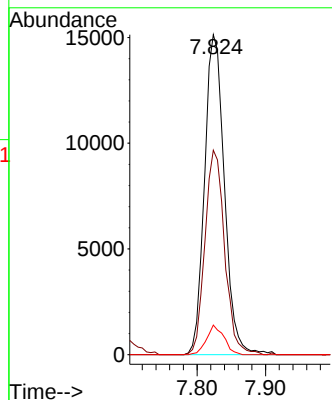
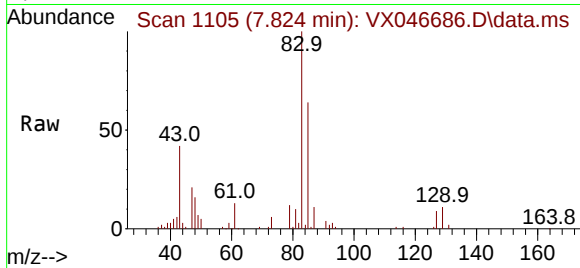




#47
Bromodichloromethane
Concen: 22.640 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

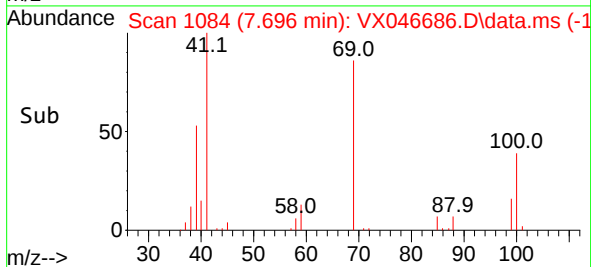
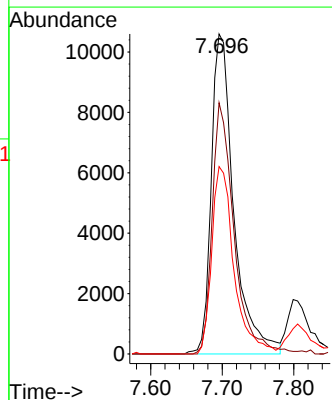
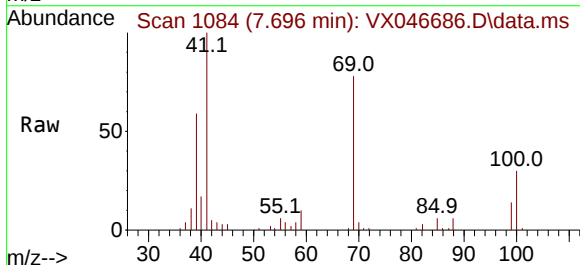
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

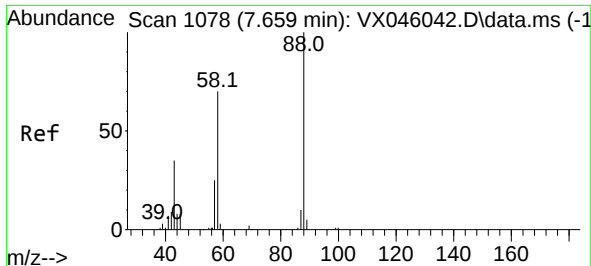
Tgt Ion: 83 Resp: 30551
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 9.2 6.5 9.7



#48
Methyl methacrylate
Concen: 22.101 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 41 Resp: 23229
Ion Ratio Lower Upper
41 100
69 76.2 58.5 87.7
39 57.9 51.7 77.5

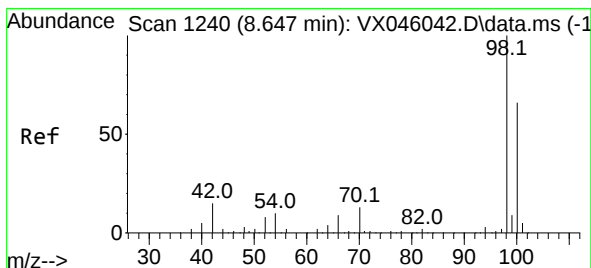
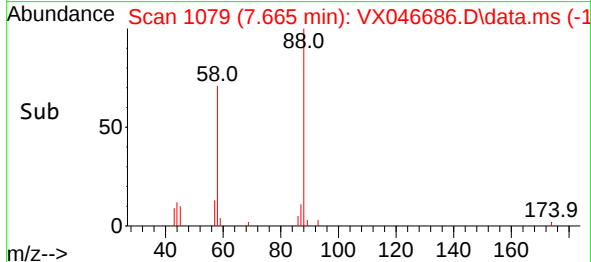
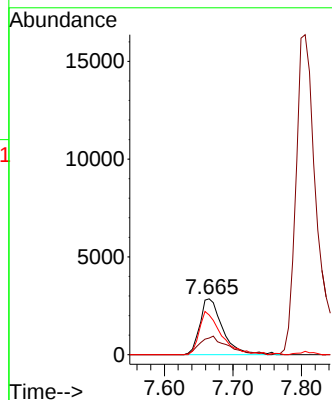
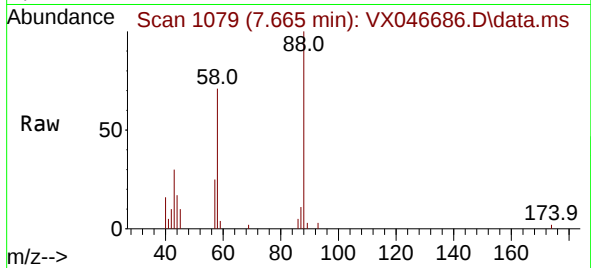




#49
1,4-Dioxane
Concen: 467.234 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

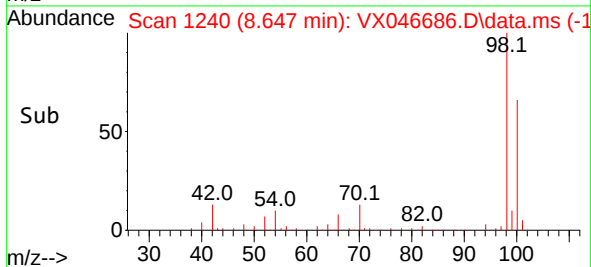
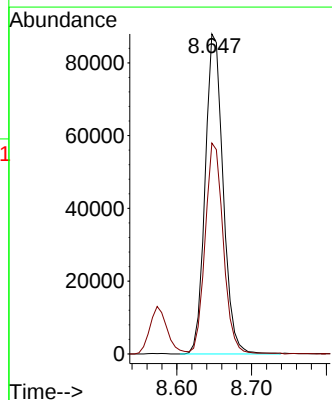
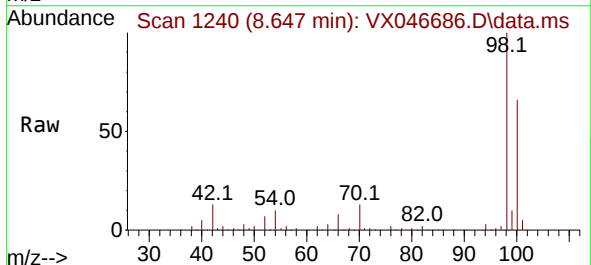
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

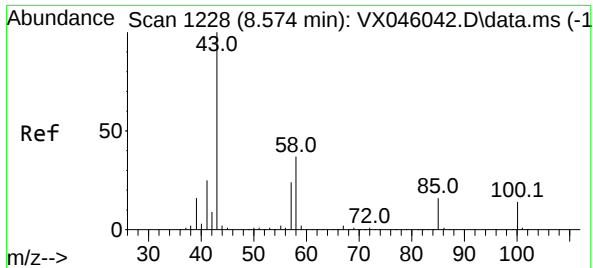
Tgt Ion: 88 Resp: 6567
Ion Ratio Lower Upper
88 100
43 38.8 33.4 50.2
58 74.3 58.6 88.0



#50
Toluene-d8
Concen: 52.862 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 98 Resp: 146479
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3

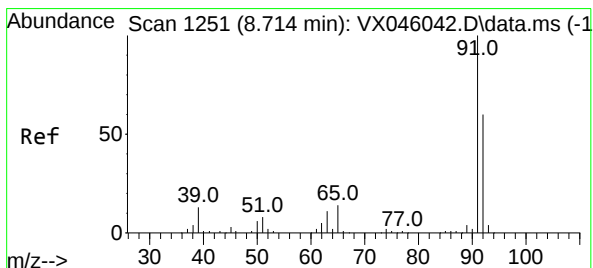
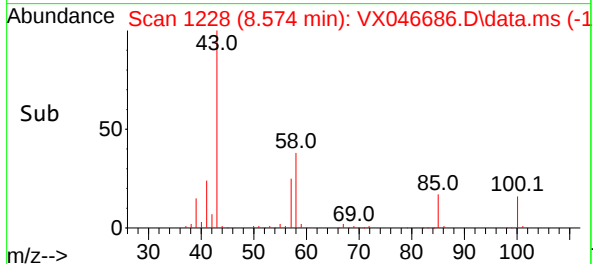
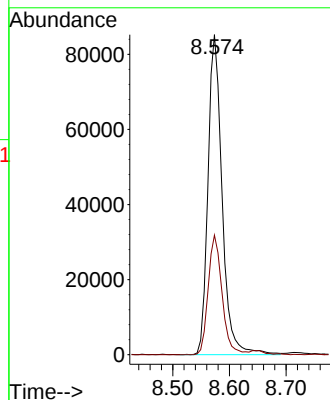
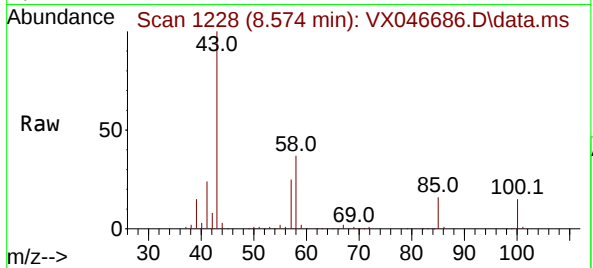




#51
4-Methyl-2-Pentanone
Concen: 113.694 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

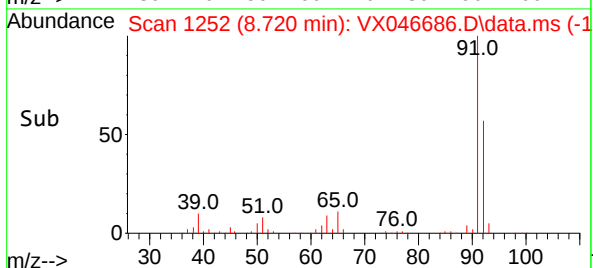
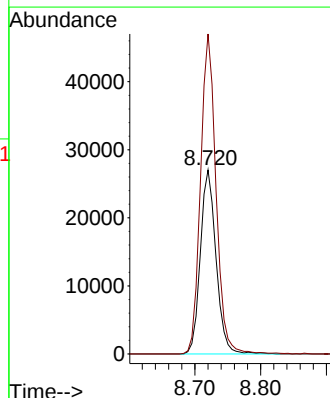
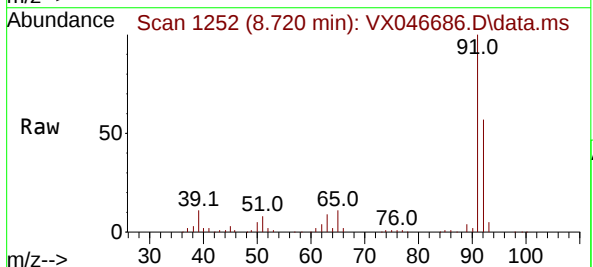
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

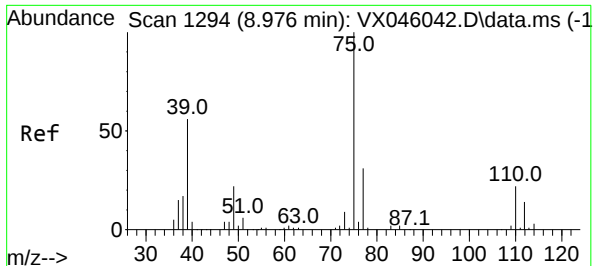
Tgt Ion: 43 Resp: 147585
Ion Ratio Lower Upper
43 100
58 36.8 28.9 43.3



#52
Toluene
Concen: 21.608 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 92 Resp: 44867
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.750 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

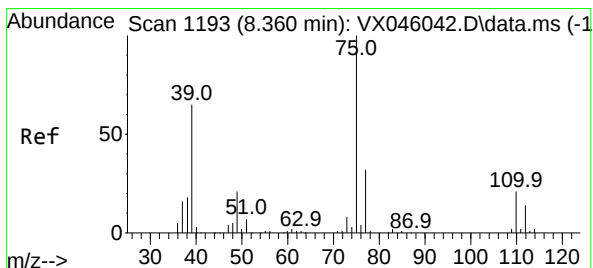
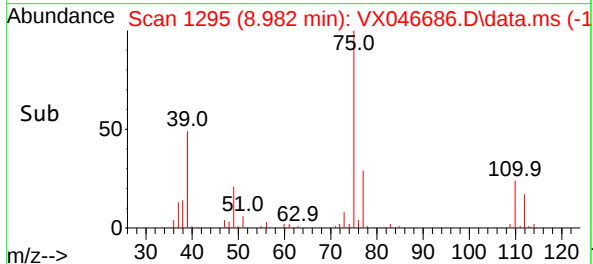
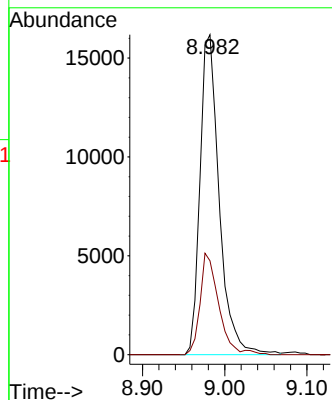
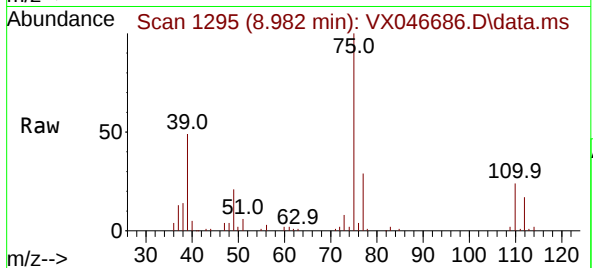
VX0613WBSD02

Tgt Ion: 75 Resp: 26316

Ion Ratio Lower Upper

75 100

77 29.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.658 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

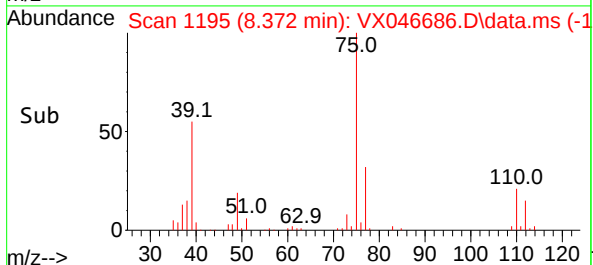
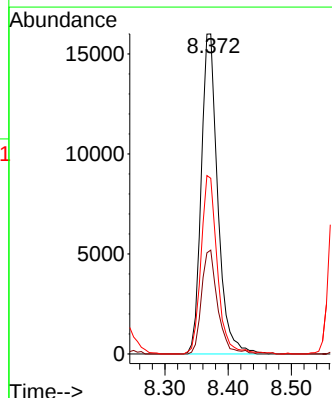
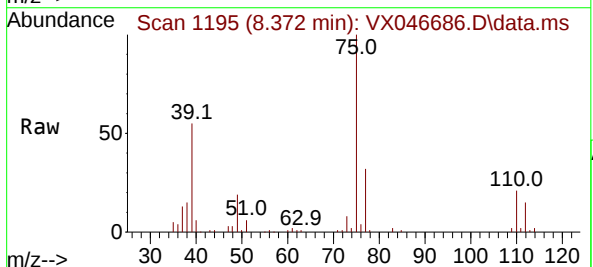
Tgt Ion: 75 Resp: 29135

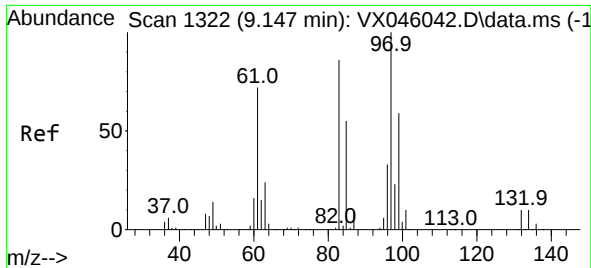
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 54.9 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 23.348 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 97 Resp: 19462

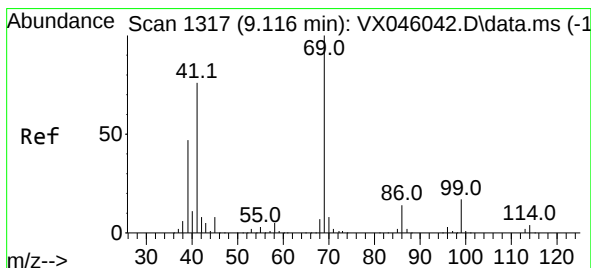
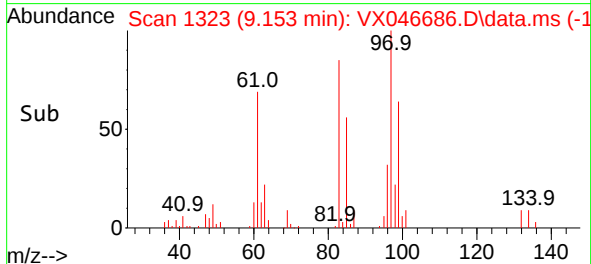
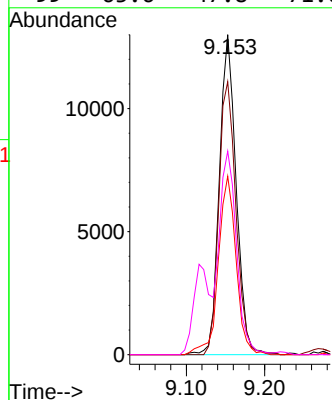
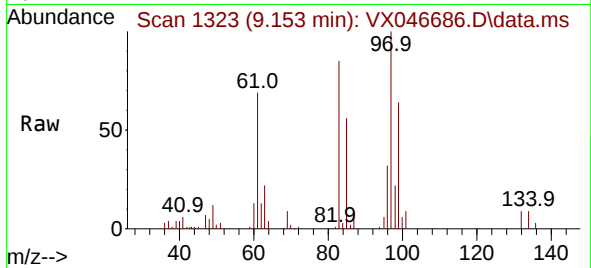
Ion Ratio Lower Upper

97 100

83 85.3 69.0 103.6

85 55.8 44.3 66.5

99 63.6 47.8 71.6



#56

Ethyl methacrylate

Concen: 22.673 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

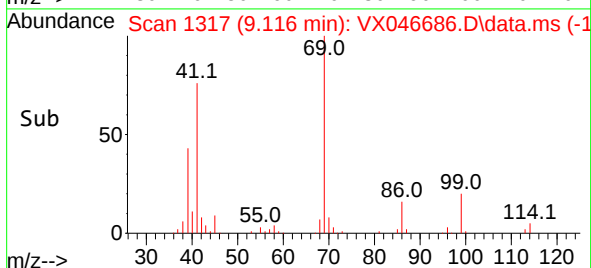
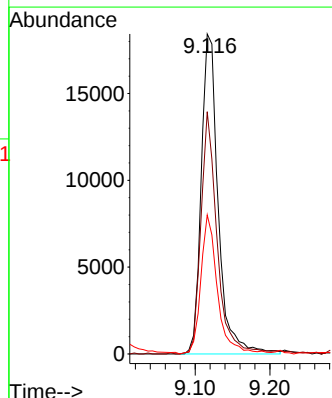
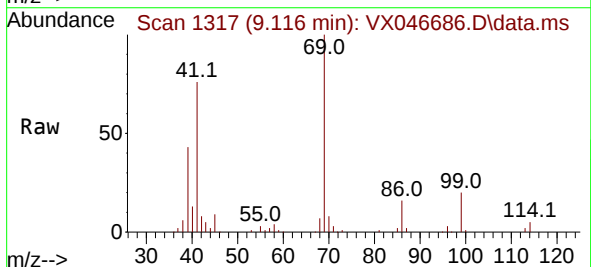
Tgt Ion: 69 Resp: 29084

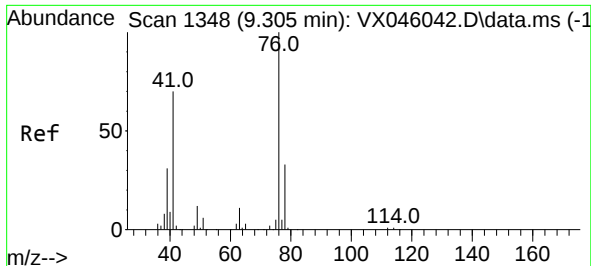
Ion Ratio Lower Upper

69 100

41 73.1 60.8 91.2

39 42.7 39.0 58.6





#57

1,3-Dichloropropane

Concen: 22.462 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

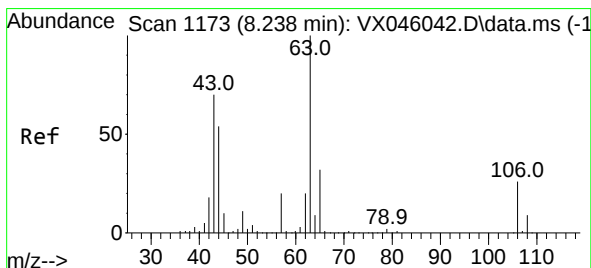
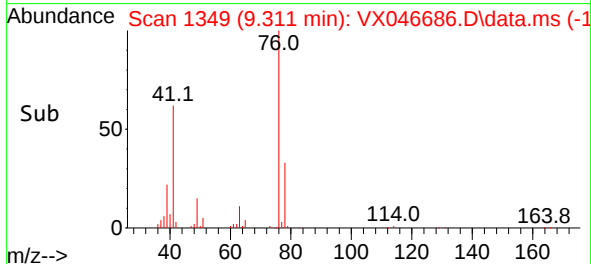
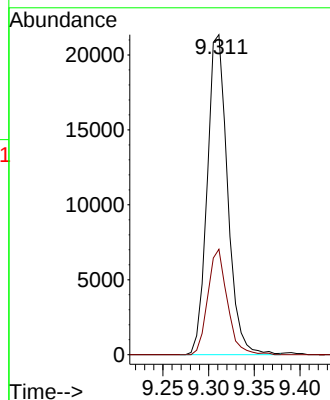
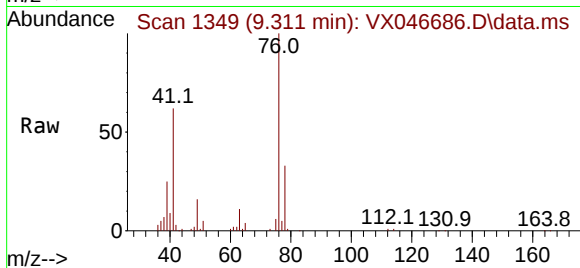
VX0613WBSD02

Tgt Ion: 76 Resp: 33088

Ion Ratio Lower Upper

76 100

78 31.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 122.461 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046686.D

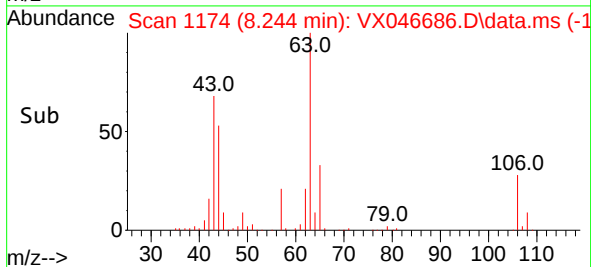
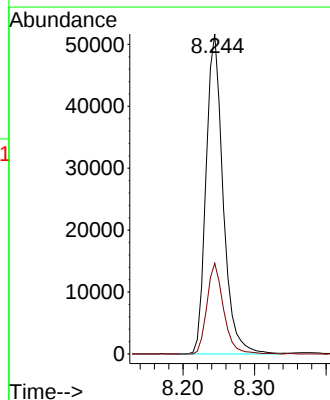
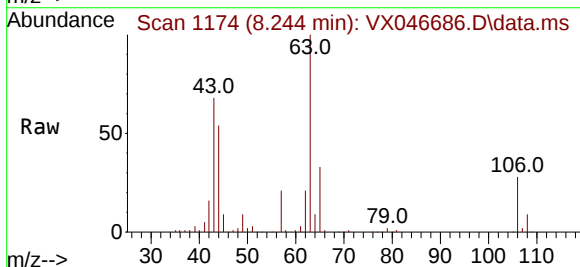
Acq: 13 Jun 2025 14:09

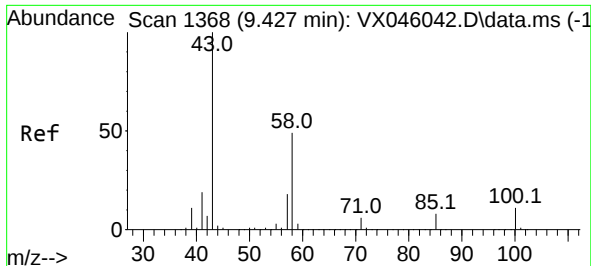
Tgt Ion: 63 Resp: 85564

Ion Ratio Lower Upper

63 100

106 27.6 21.5 32.3

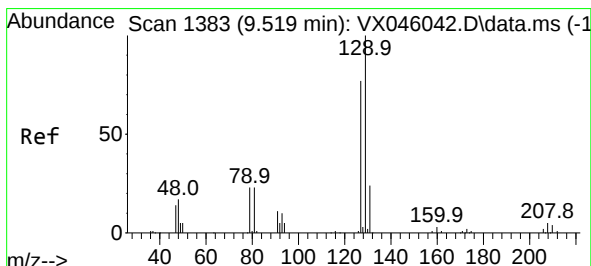
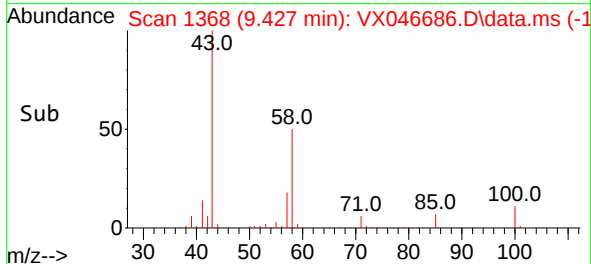
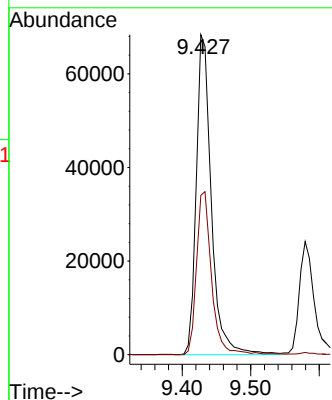
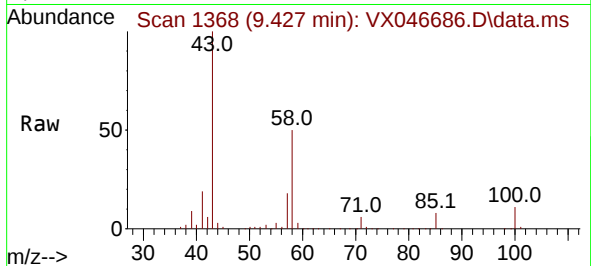




#59
2-Hexanone
Concen: 112.494 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

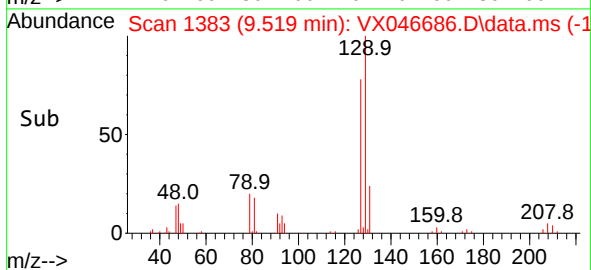
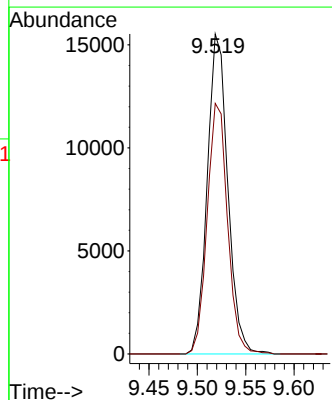
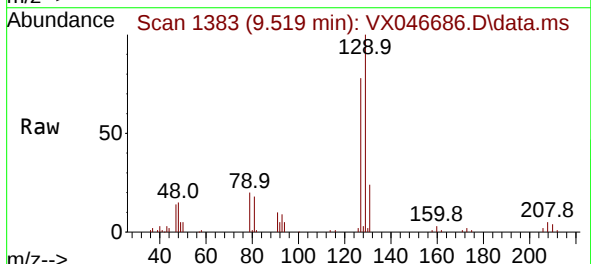
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

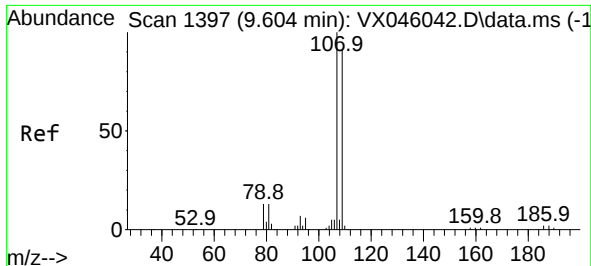
Tgt Ion: 43 Resp: 104729
Ion Ratio Lower Upper
43 100
58 50.7 24.9 74.6



#60
Dibromochloromethane
Concen: 23.408 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 129 Resp: 22952
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8

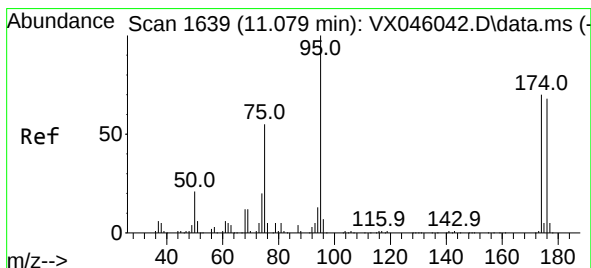
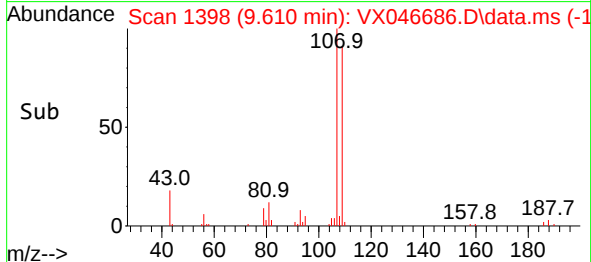
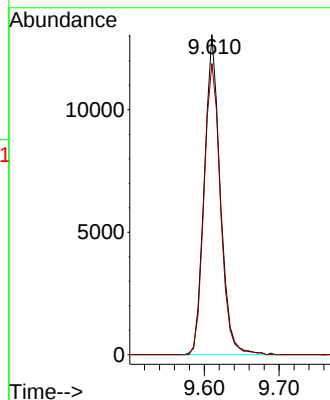
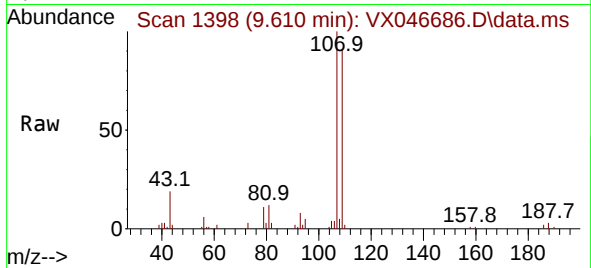




#61
1,2-Dibromoethane
Concen: 22.233 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

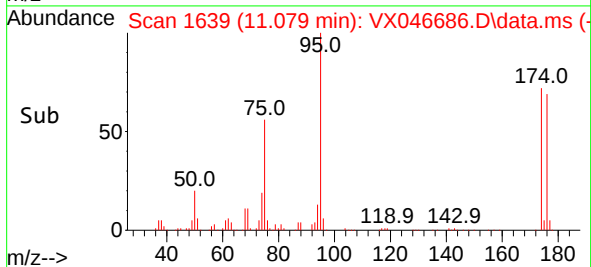
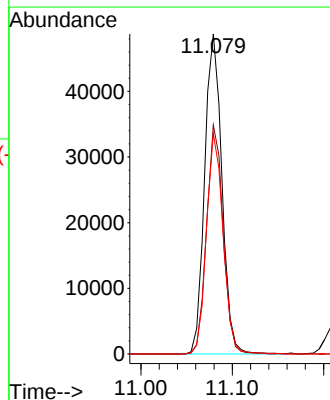
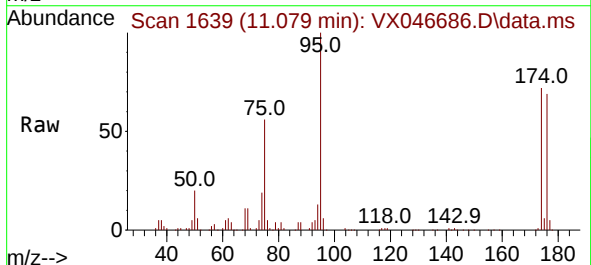
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

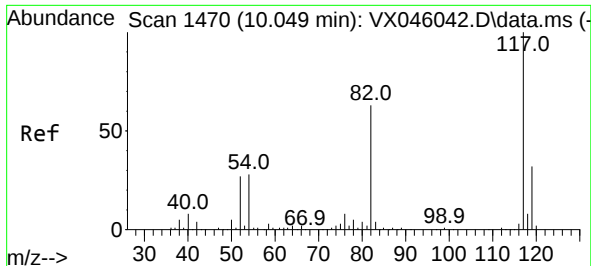
Tgt Ion:107 Resp: 19312
Ion Ratio Lower Upper
107 100
109 94.1 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 55.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 95 Resp: 63624
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.7 0.0 131.4

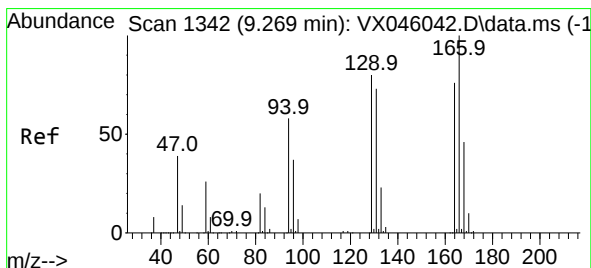
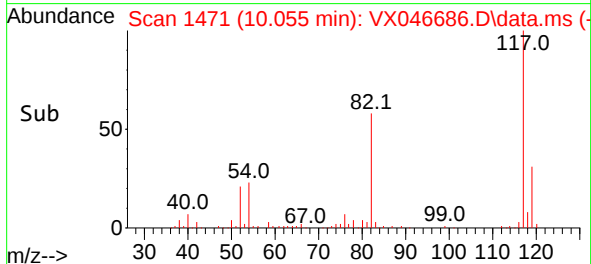
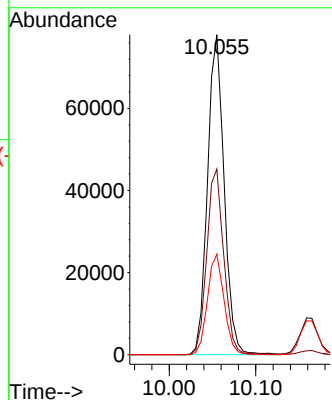
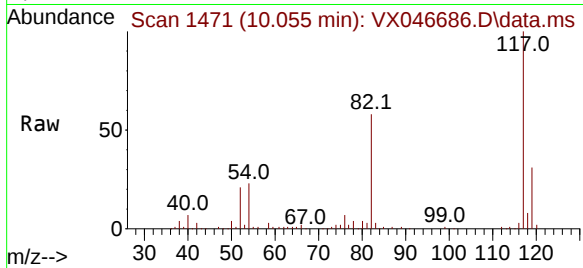




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

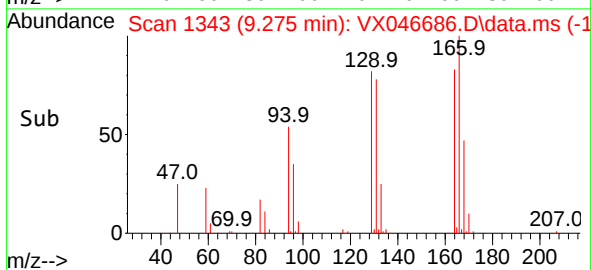
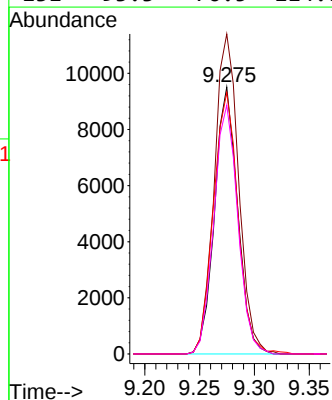
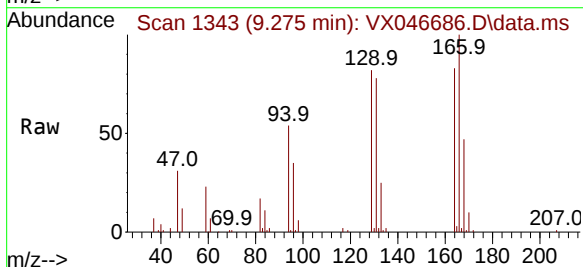
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

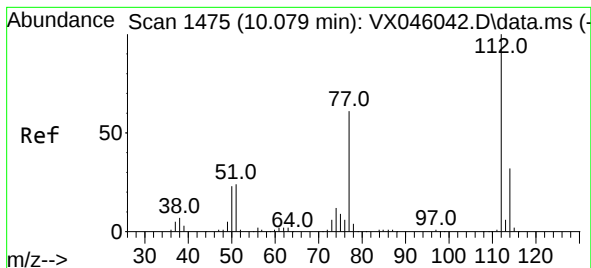
Tgt Ion:117 Resp: 103875
Ion Ratio Lower Upper
117 100
82 58.0 50.6 76.0
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.057 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:164 Resp: 13932
Ion Ratio Lower Upper
164 100
166 119.9 105.0 157.6
129 98.0 83.5 125.3
131 93.3 76.5 114.7

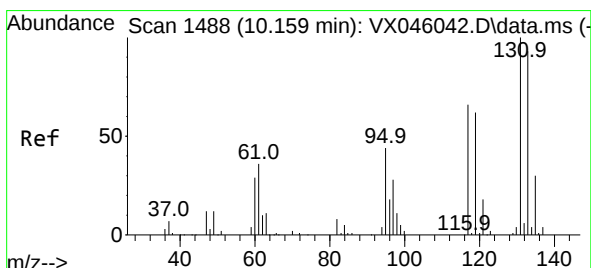
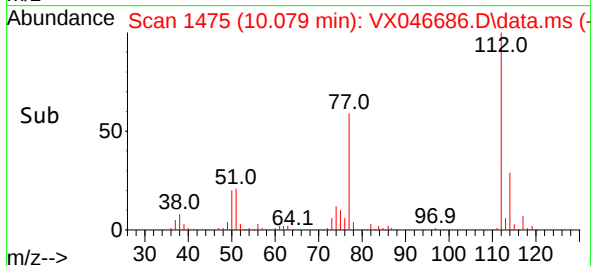
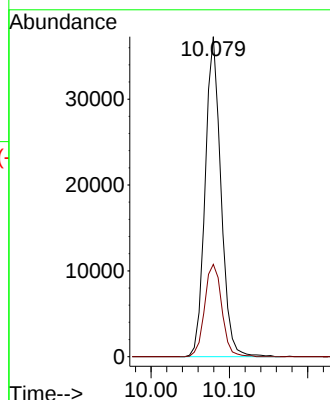
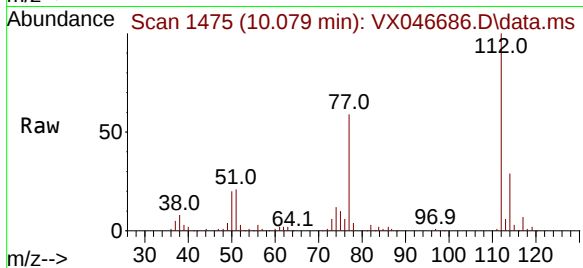




#65
Chlorobenzene
Concen: 21.341 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

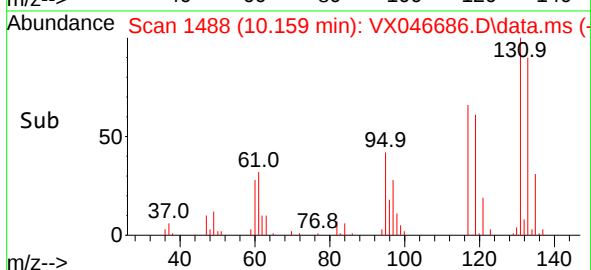
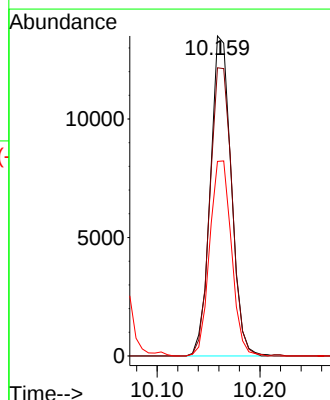
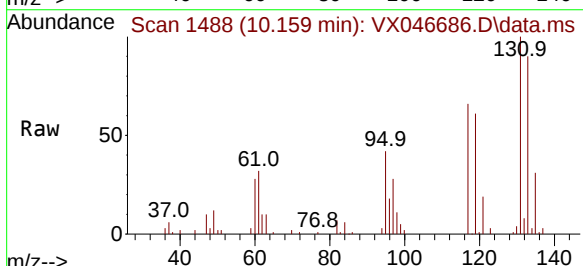
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

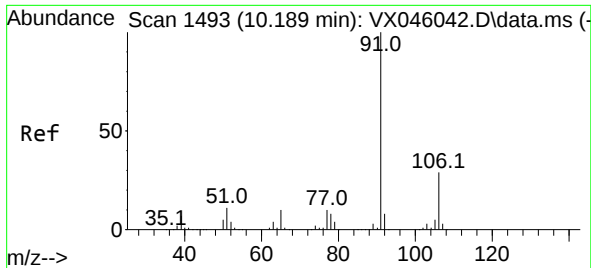
Tgt Ion:112 Resp: 52137
Ion Ratio Lower Upper
112 100
114 28.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.078 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:131 Resp: 19052
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 63.3 31.6 95.0

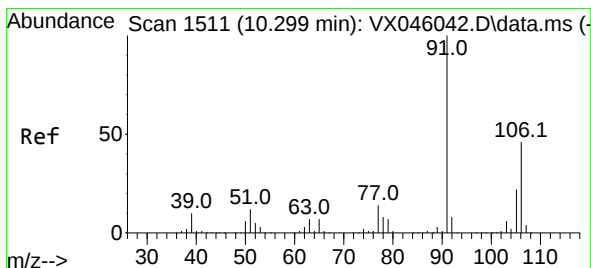
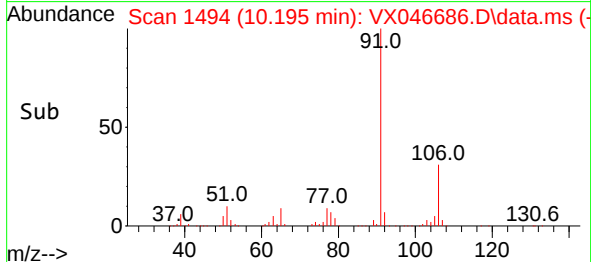
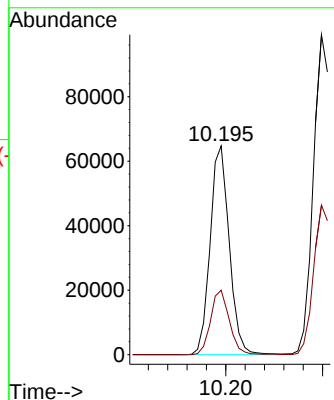
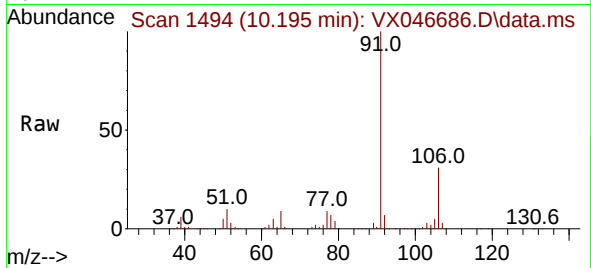




#67
Ethyl Benzene
Concen: 20.838 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

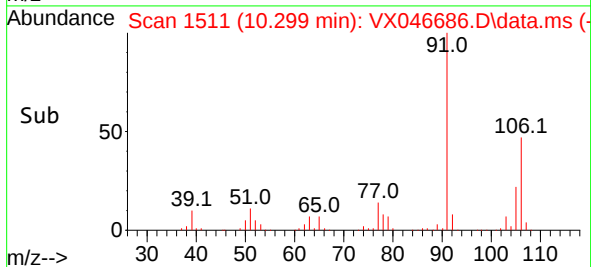
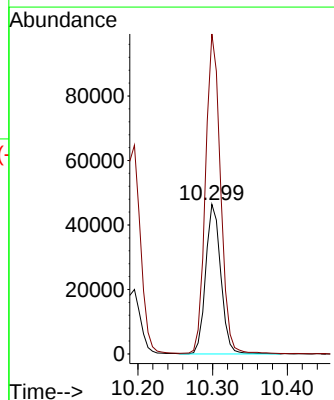
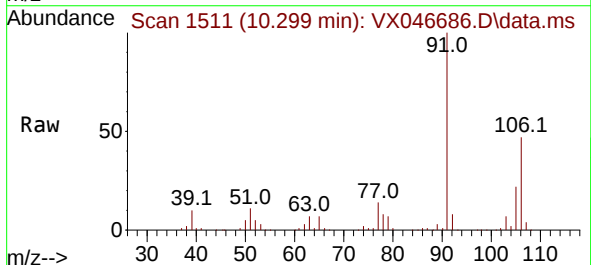
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

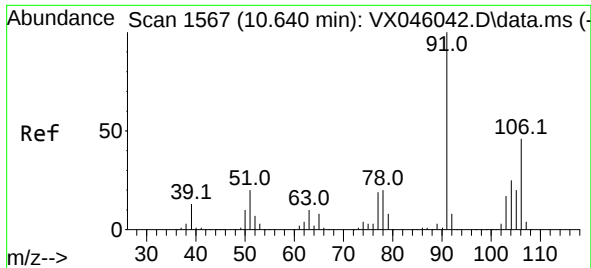
Tgt Ion: 91 Resp: 88871
Ion Ratio Lower Upper
91 100
106 30.8 23.4 35.2



#68
m/p-Xylenes
Concen: 42.074 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 106 Resp: 65093
Ion Ratio Lower Upper
106 100
91 212.8 171.2 256.8

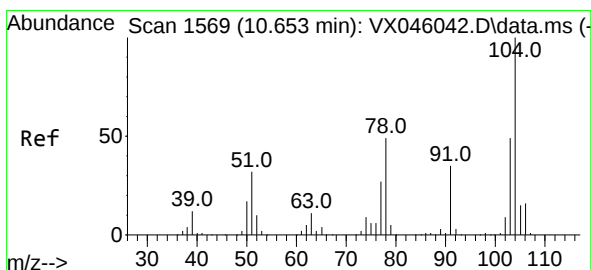
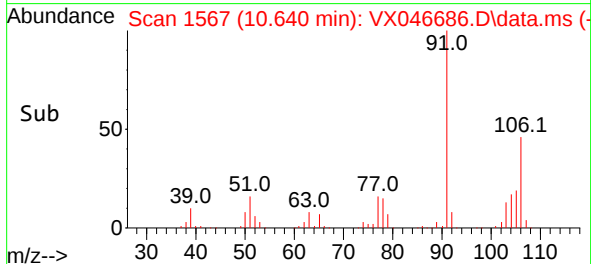
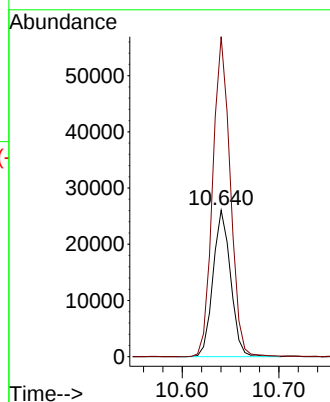
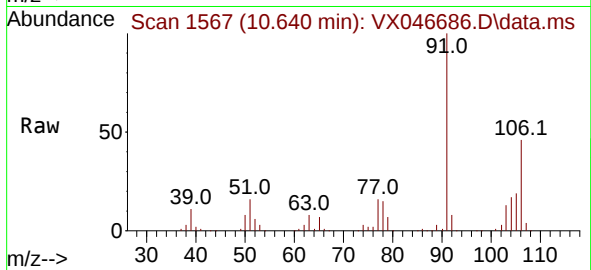




#69
o-Xylene
Concen: 21.991 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

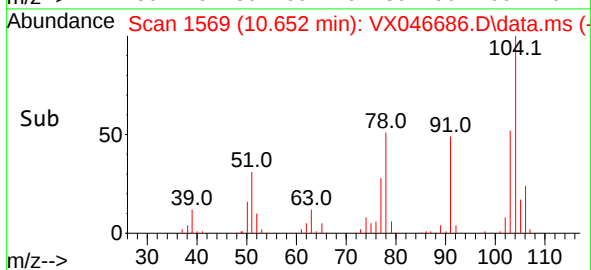
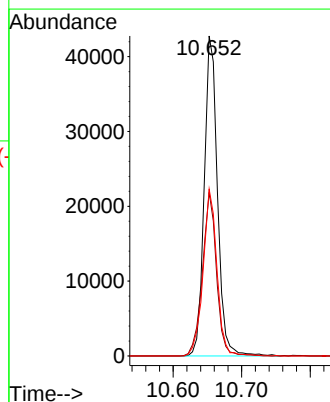
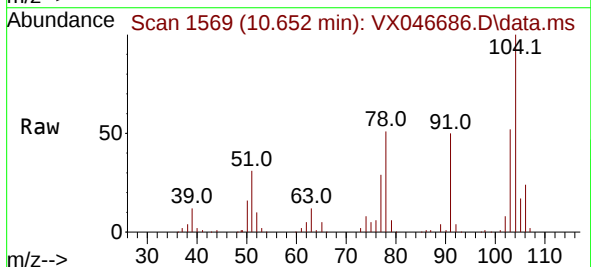
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

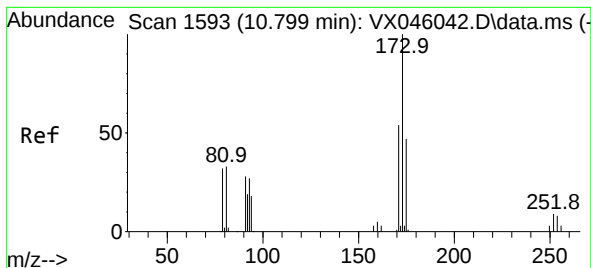
Tgt Ion:106 Resp: 32908
Ion Ratio Lower Upper
106 100
91 219.0 112.7 338.1



#70
Styrene
Concen: 22.502 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:104 Resp: 57641
Ion Ratio Lower Upper
104 100
78 54.4 45.7 68.5
103 54.6 43.7 65.5





#71

Bromoform

Concen: 23.449 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

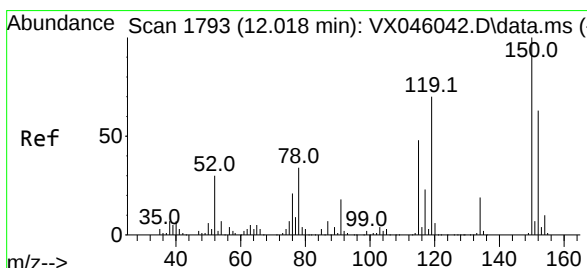
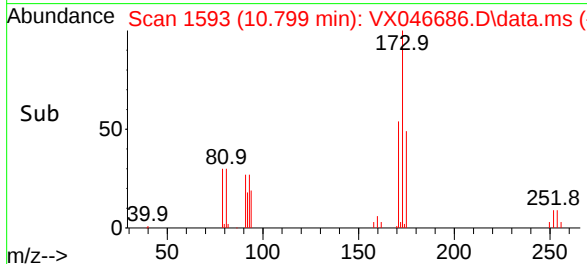
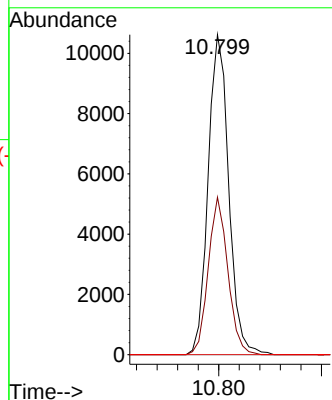
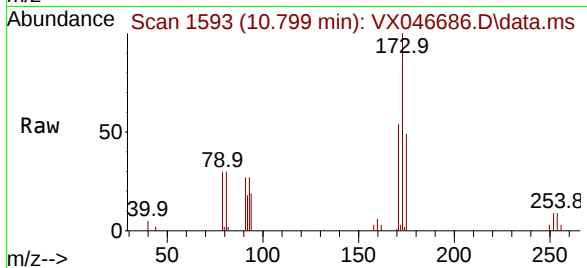
Tgt Ion:173 Resp: 14760

Ion Ratio Lower Upper

173 100

175 46.9 23.4 70.0

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. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

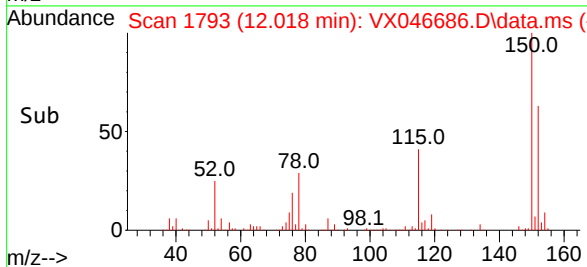
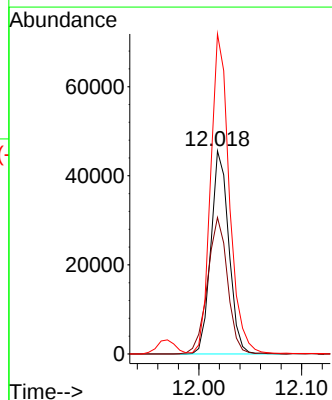
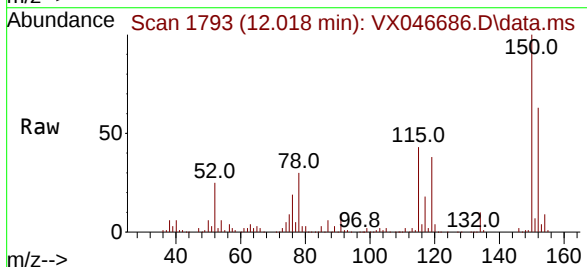
Tgt Ion:152 Resp: 55253

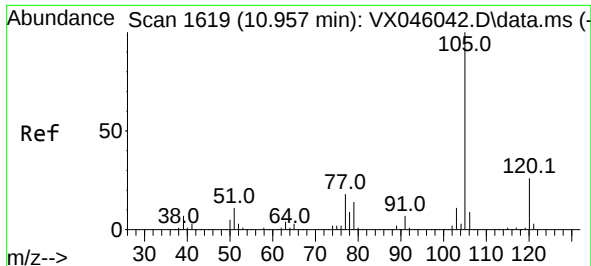
Ion Ratio Lower Upper

152 100

115 75.2 46.9 140.7

150 165.5 0.0 351.0

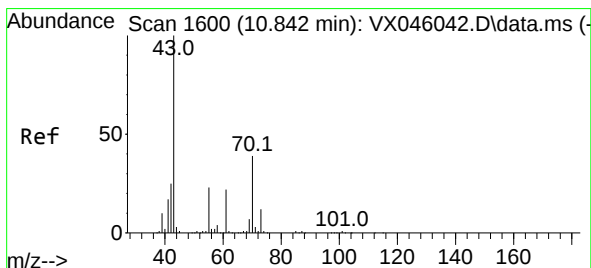
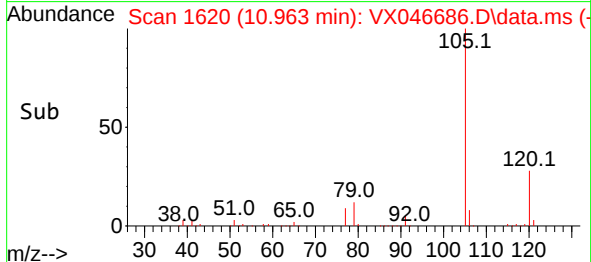
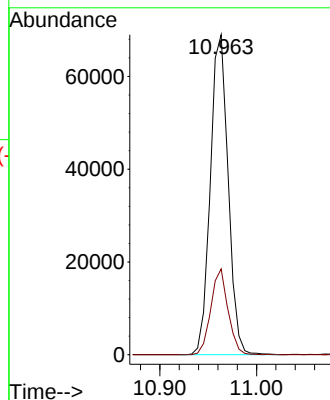
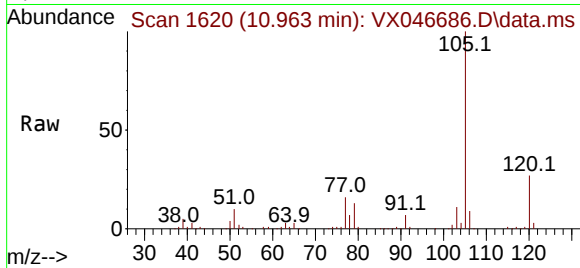




#73
Isopropylbenzene
Concen: 20.372 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

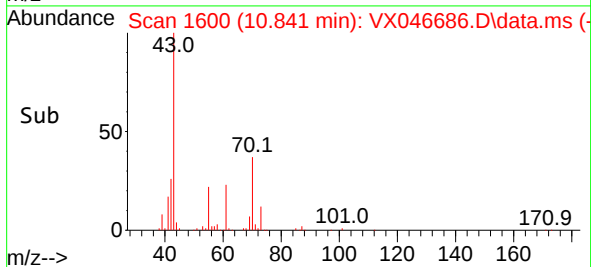
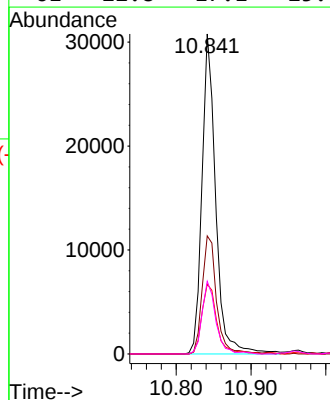
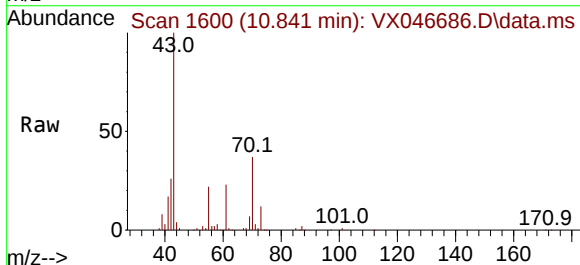
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

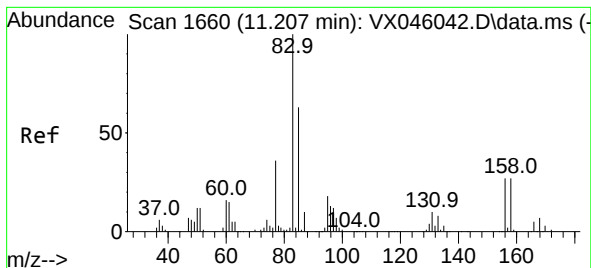
Tgt Ion:105 Resp: 88486
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 20.528 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 43 Resp: 39264
Ion Ratio Lower Upper
43 100
70 38.9 30.9 46.3
55 23.7 18.7 28.1
61 22.8 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.986 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

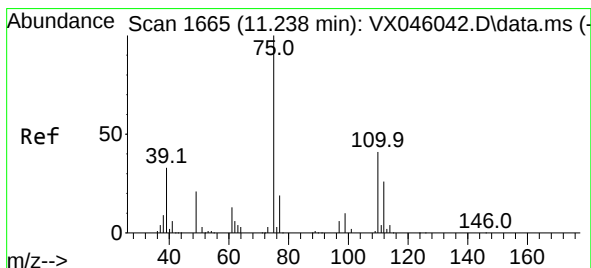
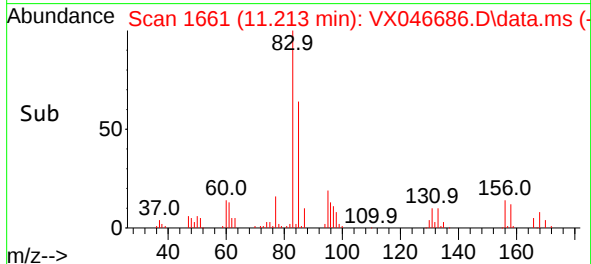
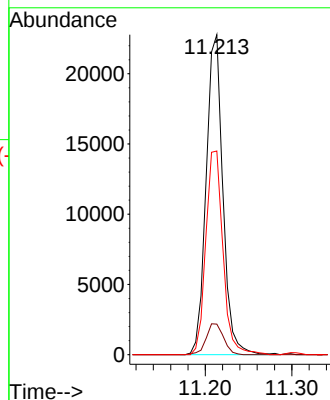
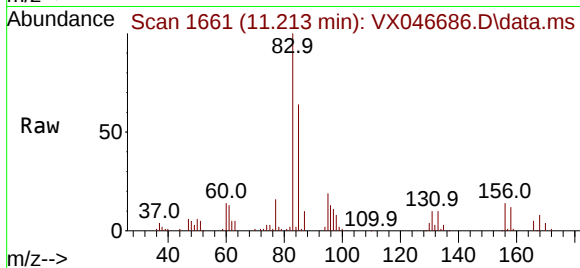
Tgt Ion: 83 Resp: 30567

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 65.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.241 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046686.D

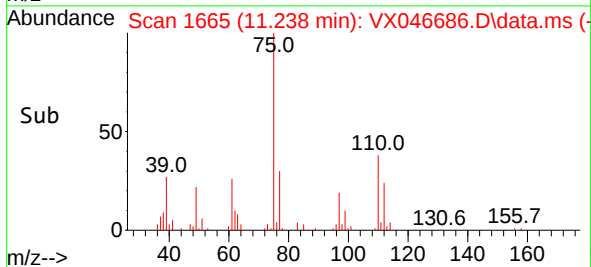
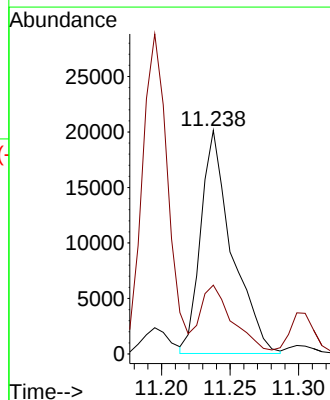
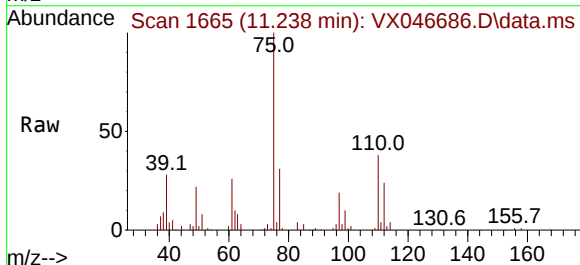
Acq: 13 Jun 2025 14:09

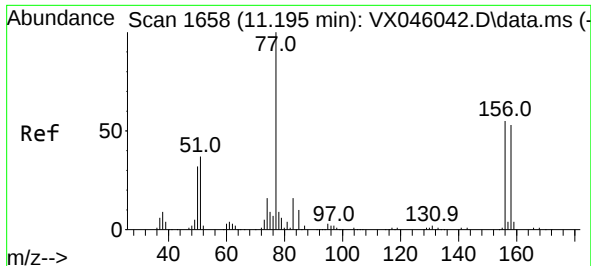
Tgt Ion: 75 Resp: 31881

Ion Ratio Lower Upper

75 100

77 32.8 20.5 61.5

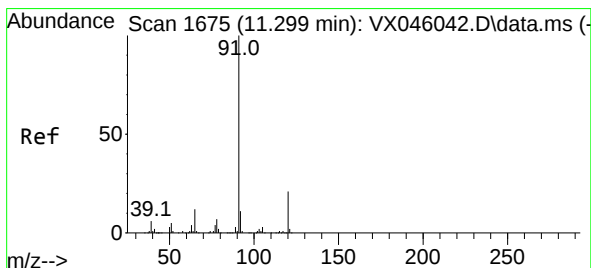
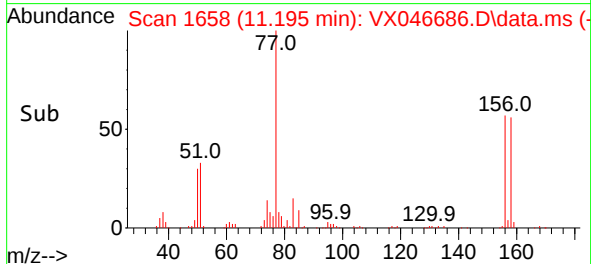
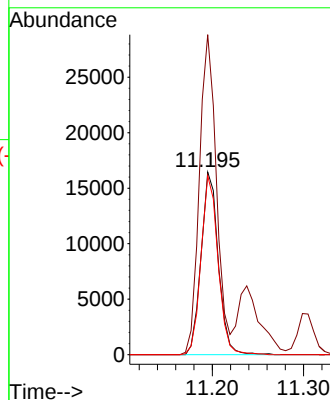
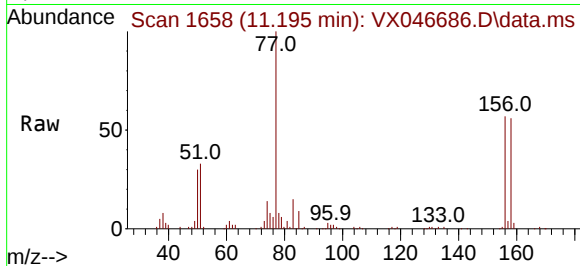




#77
Bromobenzene
Concen: 21.452 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

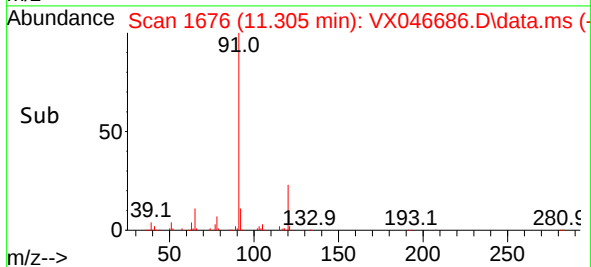
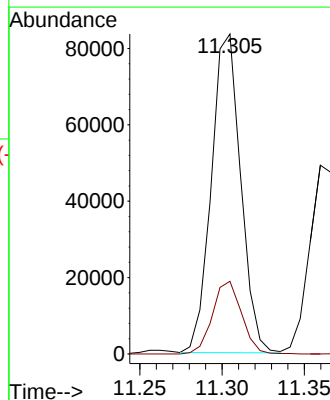
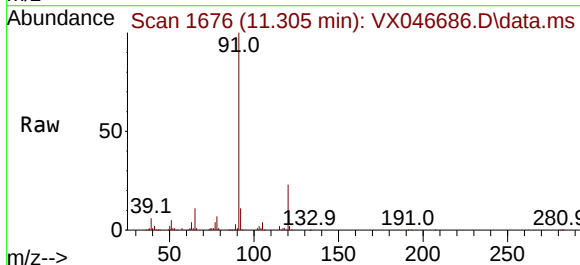
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

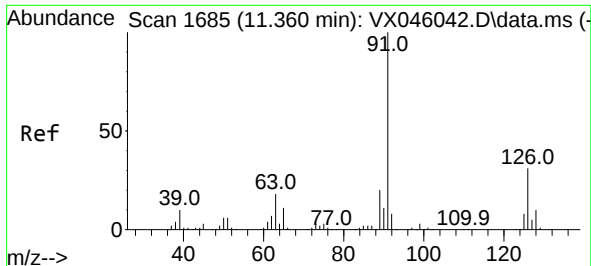
Tgt Ion:156 Resp: 21627
Ion Ratio Lower Upper
156 100
77 173.1 92.8 278.3
158 96.7 48.8 146.3



#78
n-propylbenzene
Concen: 19.722 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 91 Resp: 103680
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4

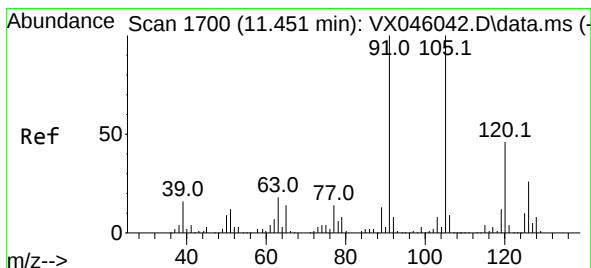
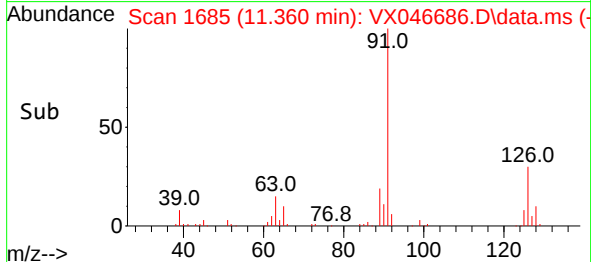
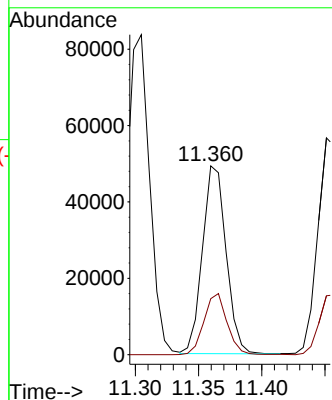
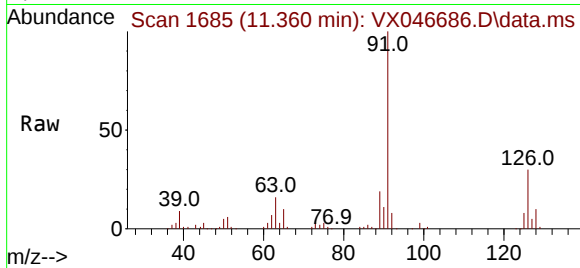




#79
2-Chlorotoluene
Concen: 20.224 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

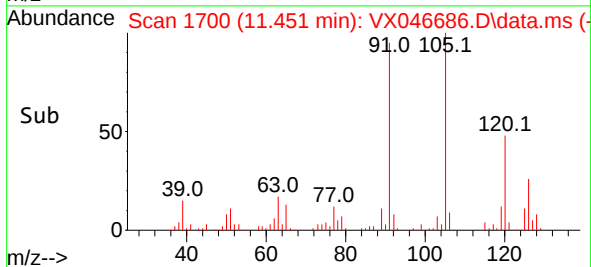
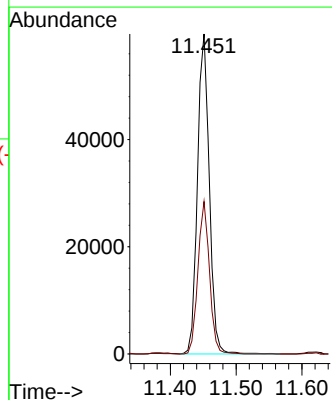
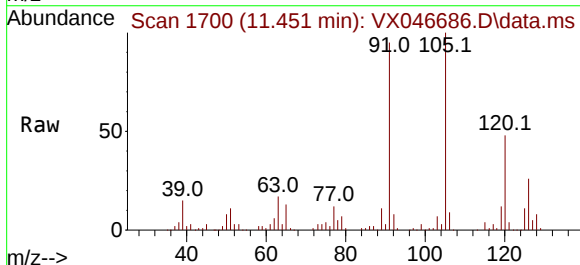
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

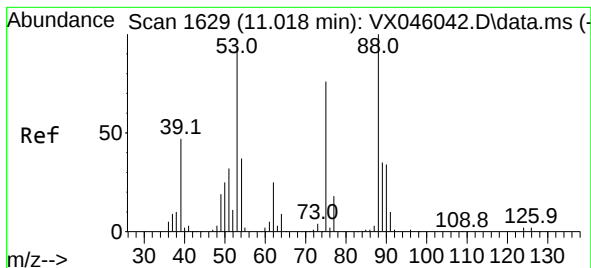
Tgt Ion: 91 Resp: 64113
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 20.580 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 105 Resp: 74487
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.2

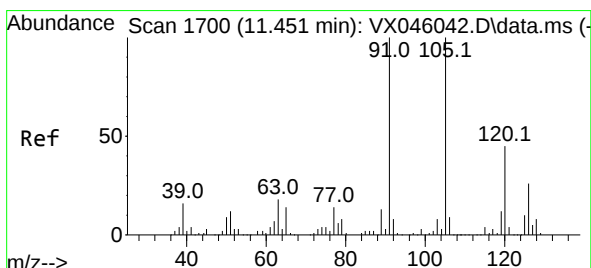
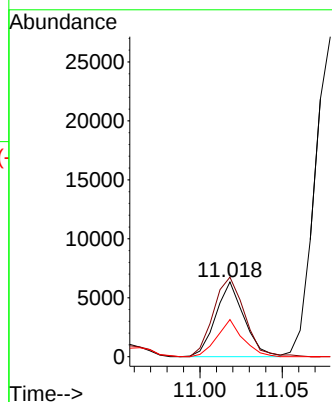
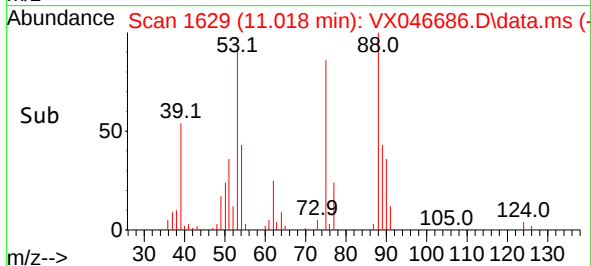
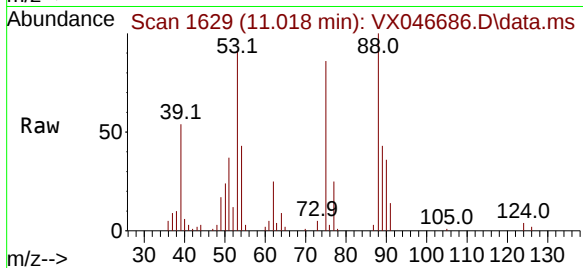




#81
trans-1,4-Dichloro-2-butene
Concen: 18.774 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

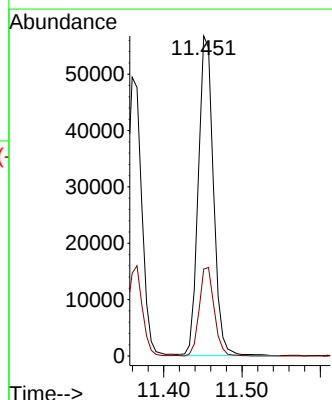
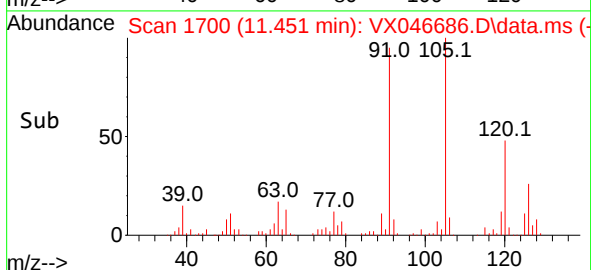
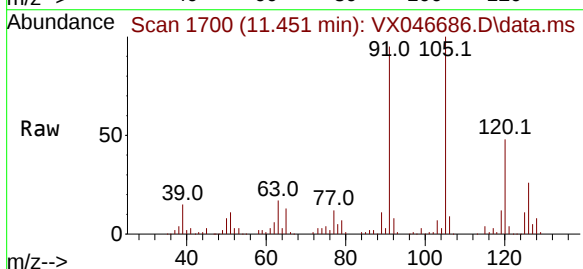
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

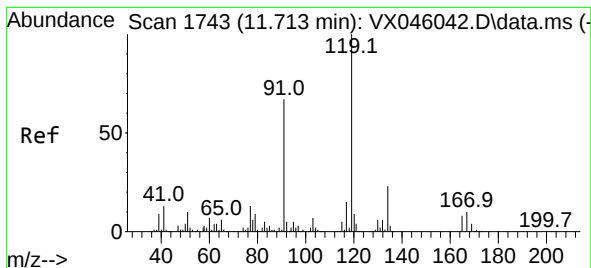
Tgt Ion: 75 Resp: 7617
Ion Ratio Lower Upper
75 100
53 116.6 100.5 150.7
89 45.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.271 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 91 Resp: 76170
Ion Ratio Lower Upper
91 100
126 27.3 13.3 39.8





#83

tert-Butylbenzene

Concen: 20.576 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

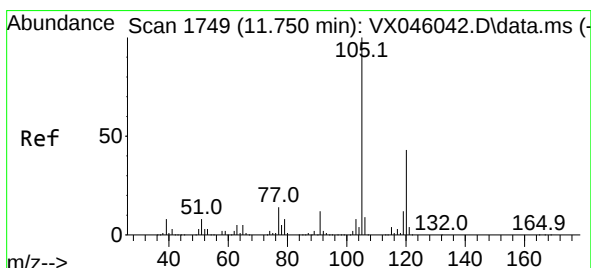
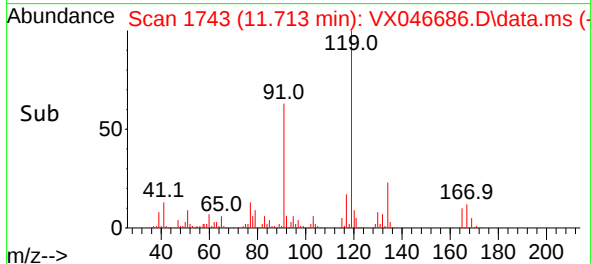
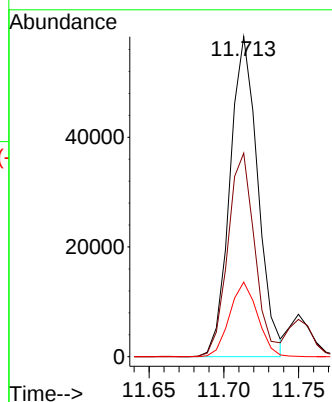
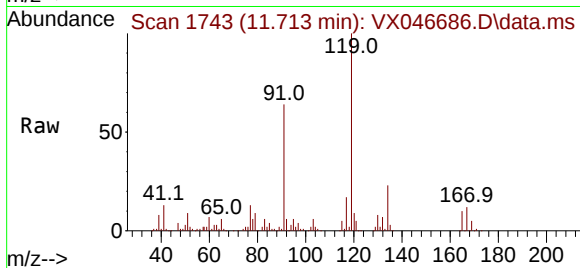
Tgt Ion:119 Resp: 75813

Ion Ratio Lower Upper

119 100

91 61.9 32.9 98.7

134 23.3 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 20.691 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046686.D

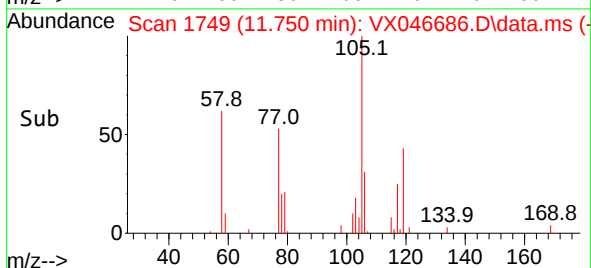
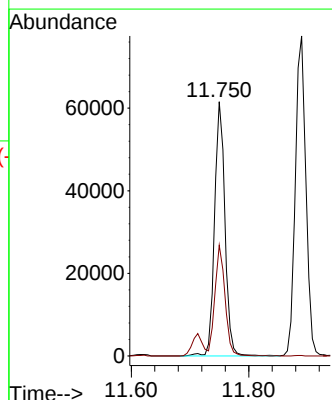
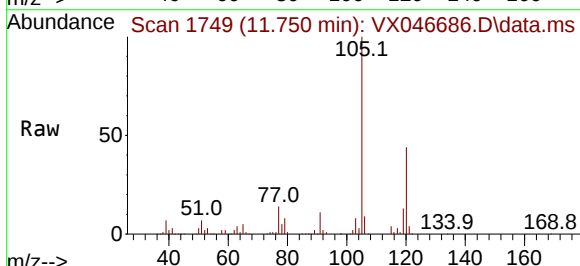
Acq: 13 Jun 2025 14:09

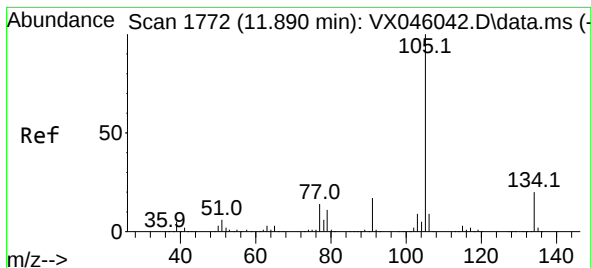
Tgt Ion:105 Resp: 75759

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 20.452 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

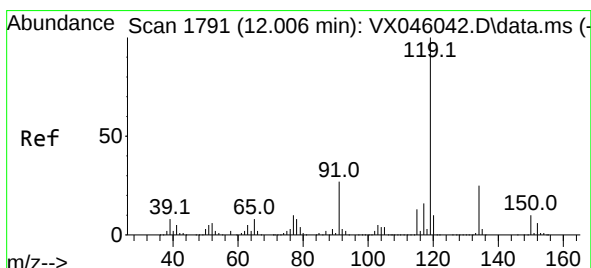
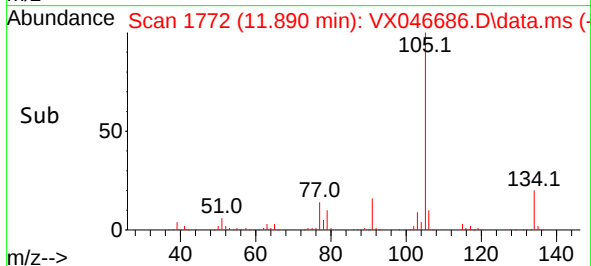
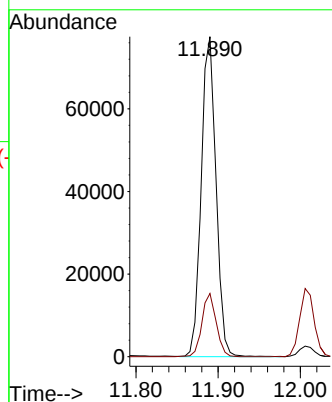
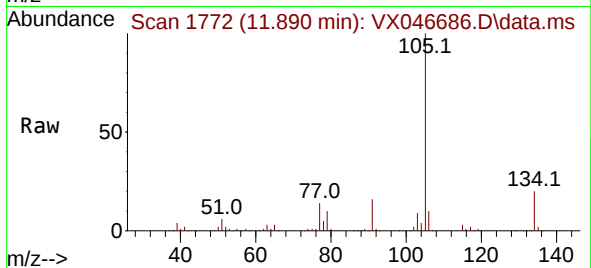
VX0613WBSD02

Tgt Ion:105 Resp: 96825

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.399 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

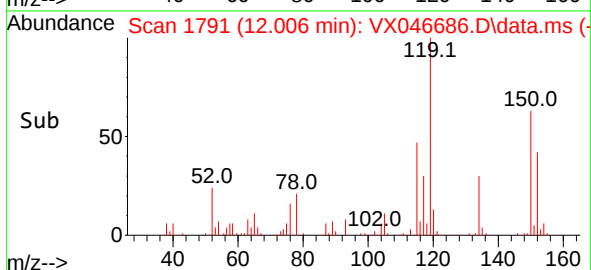
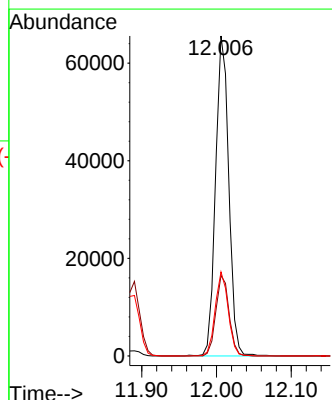
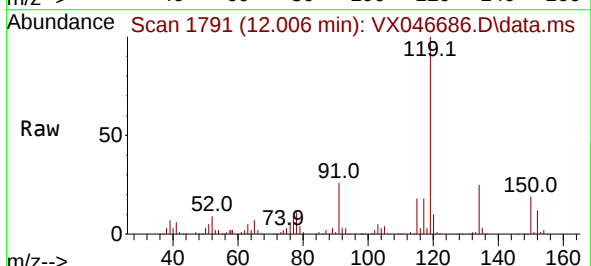
Tgt Ion:119 Resp: 80510

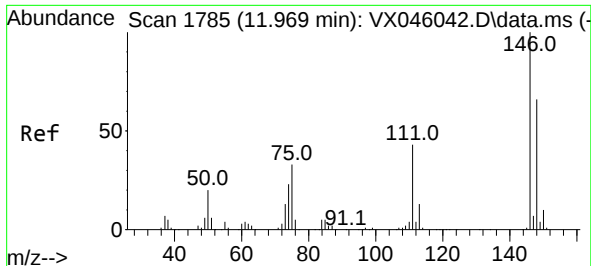
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 25.9 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 21.013 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

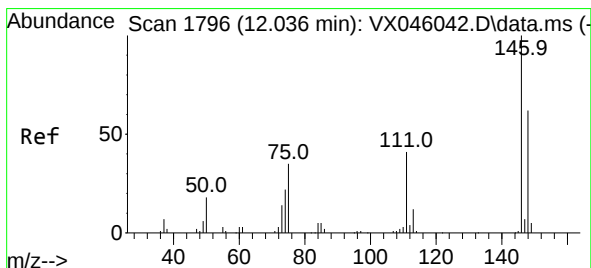
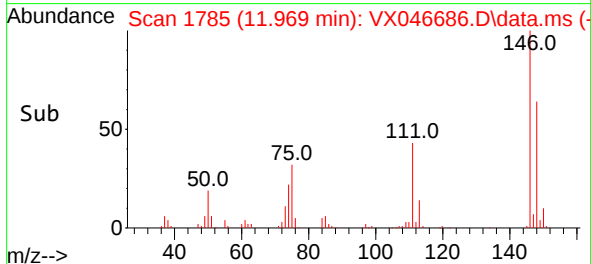
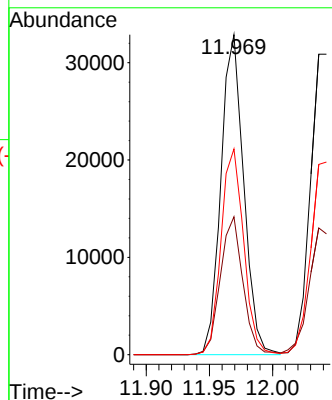
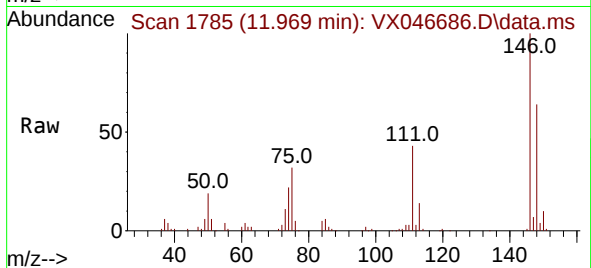
Tgt Ion:146 Resp: 41137

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.3

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.846 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

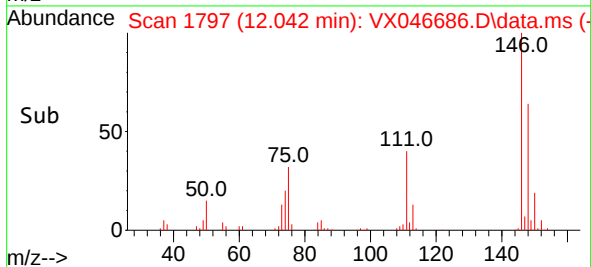
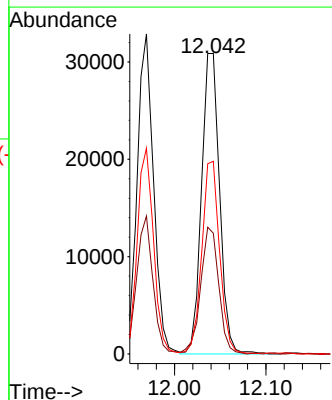
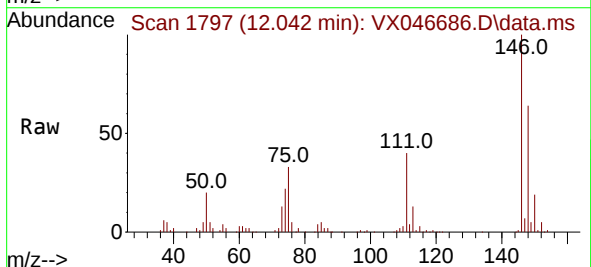
Tgt Ion:146 Resp: 42288

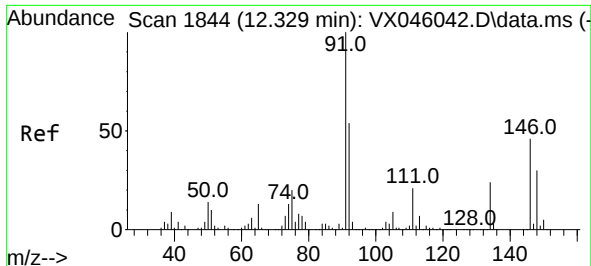
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

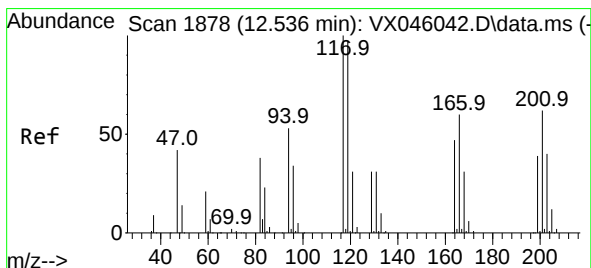
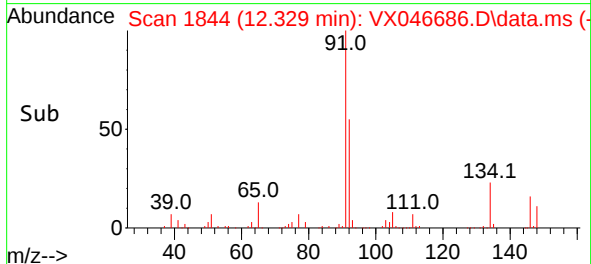
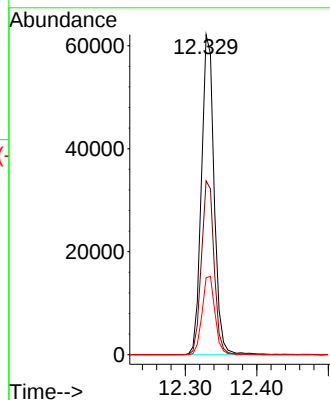
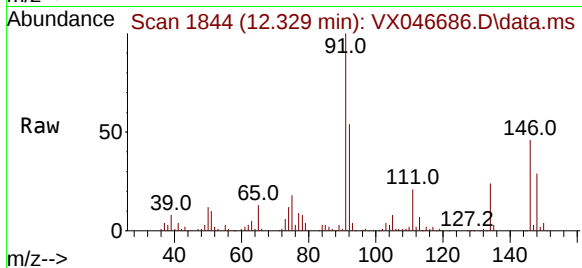
Tgt Ion: 91 Resp: 76714

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.7

134 24.8 11.8 35.3



#90

Hexachloroethane

Concen: 19.767 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046686.D

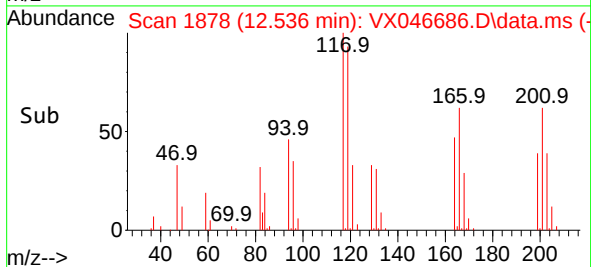
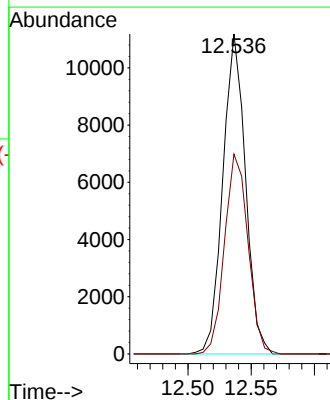
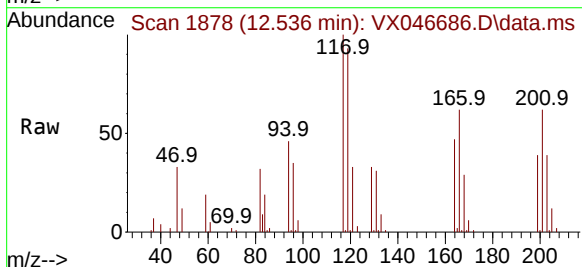
Acq: 13 Jun 2025 14:09

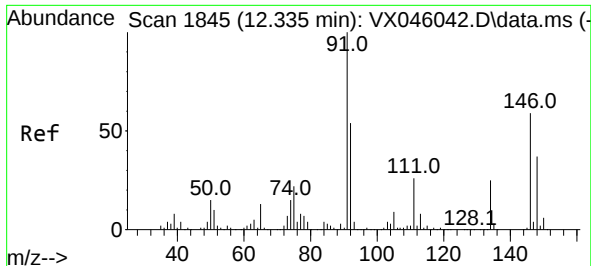
Tgt Ion: 117 Resp: 13866

Ion Ratio Lower Upper

117 100

201 64.8 31.6 94.7

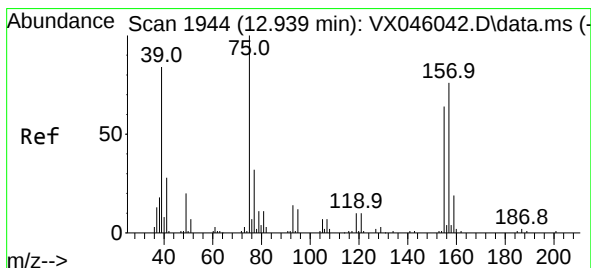
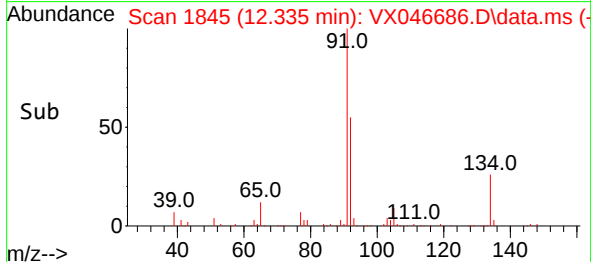
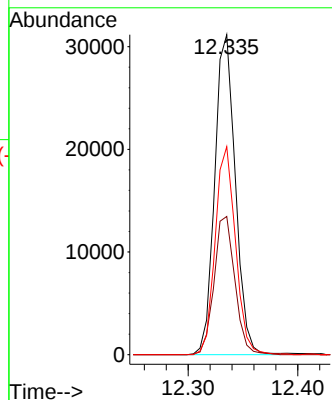
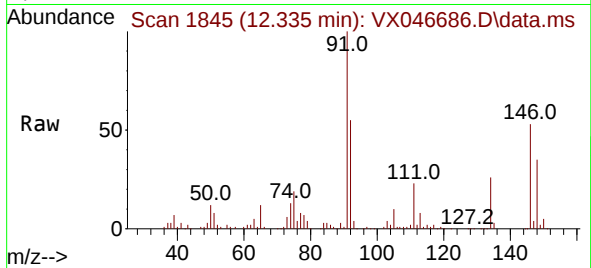




#91
1,2-Dichlorobenzene
Concen: 21.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

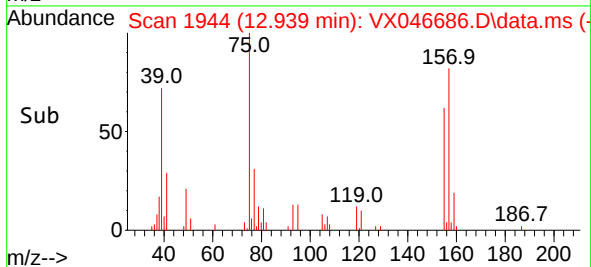
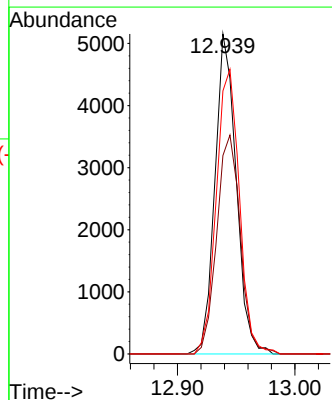
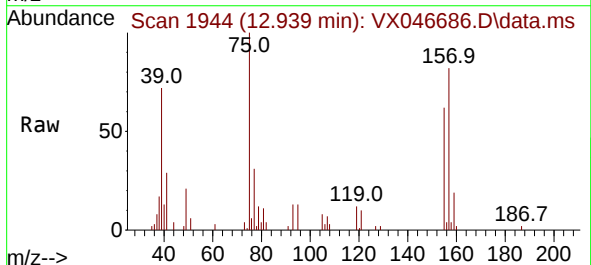
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

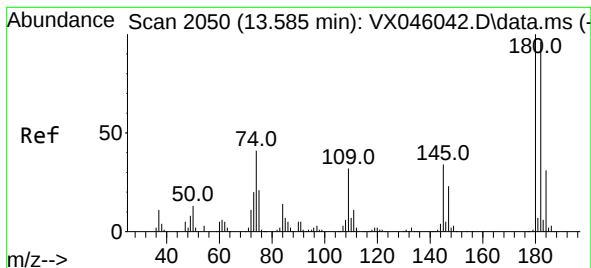
Tgt Ion:146 Resp: 40842
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.3
148 64.1 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.827 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 75 Resp: 6484
Ion Ratio Lower Upper
75 100
155 75.8 34.9 104.8
157 96.5 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 20.601 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

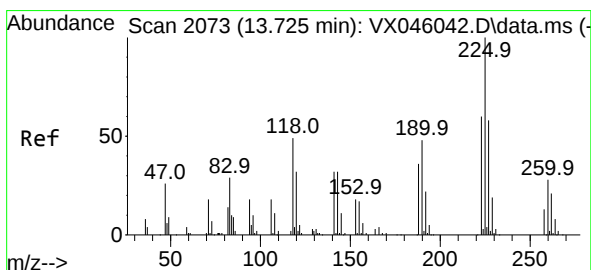
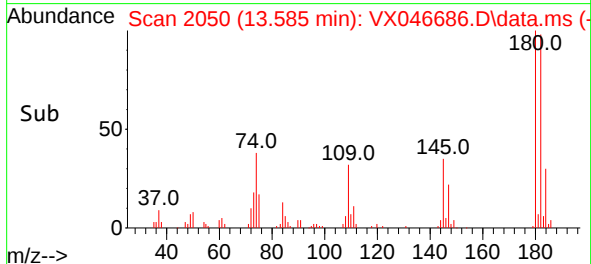
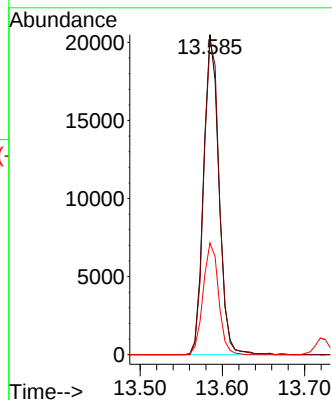
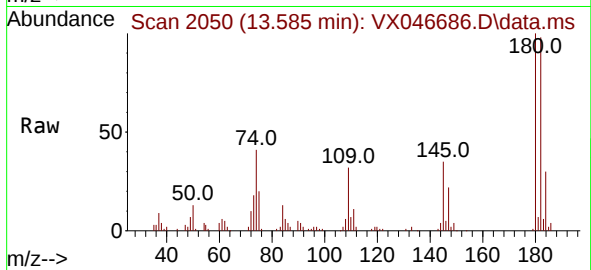
Tgt Ion:180 Resp: 26556

Ion Ratio Lower Upper

180 100

182 99.4 47.9 143.8

145 35.1 17.1 51.2



#94

Hexachlorobutadiene

Concen: 17.996 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

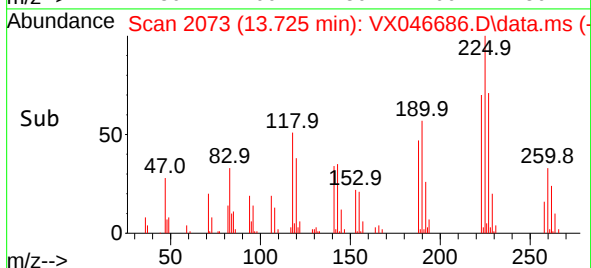
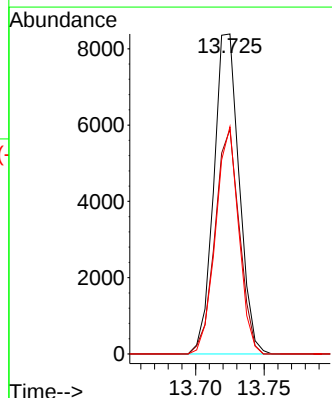
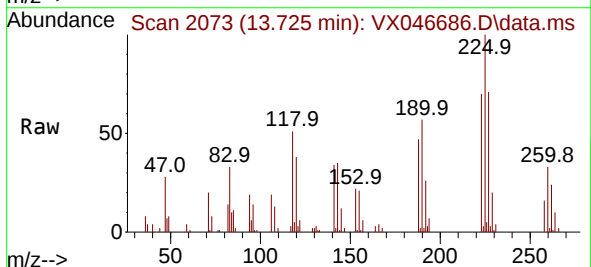
Tgt Ion:225 Resp: 10781

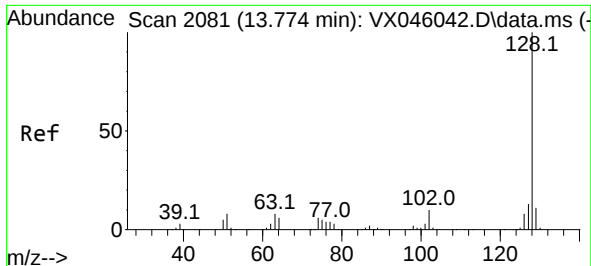
Ion Ratio Lower Upper

225 100

223 67.6 30.8 92.4

227 64.6 30.9 92.7

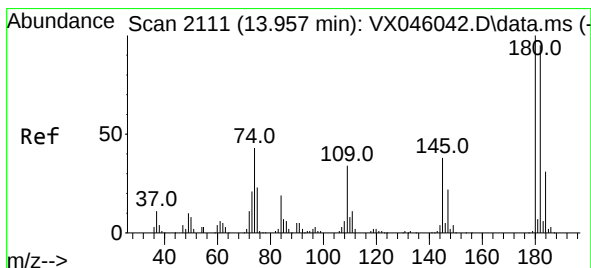
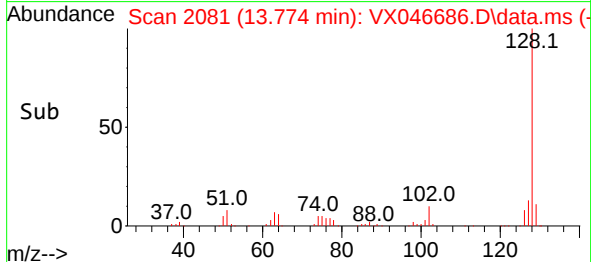
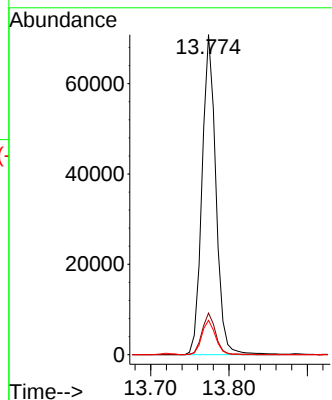
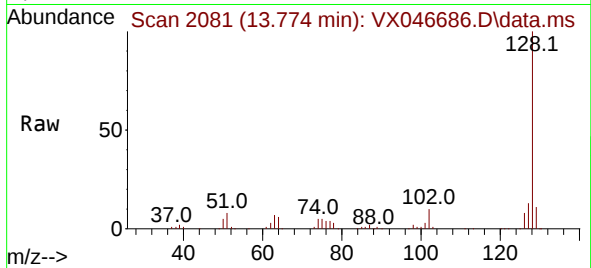




#95
Naphthalene
Concen: 21.304 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion:	128	Resp:	87088
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.770 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:	180	Resp:	26847
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	36.2	18.1	54.3

