

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048209.D
 Acq On : 17 Oct 2025 14:03
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 00:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	157010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	248908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	238012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106326	43.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.420%
35) Dibromofluoromethane	5.373	113	88411	51.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.635	98	299387	48.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.061	95	108470	47.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	30110	18.272	ug/l	95
3) Chloromethane	1.301	50	36990	18.528	ug/l	100
4) Vinyl Chloride	1.380	62	39303	18.683	ug/l	97
5) Bromomethane	1.618	94	26832	19.181	ug/l	85
6) Chloroethane	1.697	64	24006	17.932	ug/l	96
7) Trichlorofluoromethane	1.898	101	58645	17.761	ug/l	99
8) Diethyl Ether	2.136	74	18866	16.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36206	19.458	ug/l	97
10) Methyl Iodide	2.459	142	37969	17.036	ug/l	98
11) Tert butyl alcohol	2.941	59	16068	99.557	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34747	19.098	ug/l	97
13) Acrolein	2.240	56	33337	98.285	ug/l	97
14) Allyl chloride	2.666	41	59307	18.122	ug/l	97
15) Acrylonitrile	3.056	53	79131	102.319	ug/l	99
16) Acetone	2.374	43	71466	86.128	ug/l	92
17) Carbon Disulfide	2.514	76	105072	18.770	ug/l	98
18) Methyl Acetate	2.703	43	31977	18.921	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105416	19.235	ug/l	99
20) Methylene Chloride	2.788	84	37881	18.740	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37759	20.061	ug/l	96
22) Diisopropyl ether	3.751	45	119467	18.642	ug/l	98
23) Vinyl Acetate	3.715	43	452806	94.497	ug/l	100
24) 1,1-Dichloroethane	3.605	63	65904	18.127	ug/l	99
25) 2-Butanone	4.538	43	92133	95.306	ug/l	96
26) 2,2-Dichloropropane	4.465	77	54738	17.615	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	40699	18.219	ug/l	99
28) Bromochloromethane	4.885	49	31672	18.899	ug/l	99
29) Tetrahydrofuran	4.989	42	56880	100.192	ug/l	99
30) Chloroform	5.080	83	69488	18.154	ug/l	98
31) Cyclohexane	5.465	56	62035	20.853	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	62355	19.827	ug/l	98
36) 1,1-Dichloropropene	5.684	75	48361	19.873	ug/l	97
37) Ethyl Acetate	4.702	43	37880	19.477	ug/l	98
38) Carbon Tetrachloride	5.666	117	55723	19.949	ug/l	95
39) Methylcyclohexane	7.367	83	56194	20.480	ug/l	97
40) Benzene	6.032	78	140774	19.481	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21229	20.382	ug/l	99
42) 1,2-Dichloroethane	6.080	62	51600	19.931	ug/l	100
43) Isopropyl Acetate	6.324	43	65065	19.930	ug/l	99
44) Trichloroethene	7.111	130	35571	19.532	ug/l	96
45) 1,2-Dichloropropane	7.415	63	35357	19.333	ug/l	98
46) Dibromomethane	7.568	93	25130	19.098	ug/l	99
47) Bromodichloromethane	7.806	83	54902	19.305	ug/l	97
48) Methyl methacrylate	7.678	41	32876	19.672	ug/l	99
49) 1,4-Dioxane	7.647	88	6796	451.757	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	191122	105.205	ug/l	99
52) Toluene	8.702	92	87476	20.141	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	51564	19.354	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	56663	19.512	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	33335	20.571	ug/l	98
56) Ethyl methacrylate	9.104	69	47159	21.397	ug/l	99
57) 1,3-Dichloropropane	9.293	76	57528	20.319	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	136897	109.367	ug/l	99
59) 2-Hexanone	9.415	43	129529	101.935	ug/l	98
60) Dibromochloromethane	9.506	129	41679	20.548	ug/l	99
61) 1,2-Dibromoethane	9.592	107	34752	20.914	ug/l	98
64) Tetrachloroethene	9.257	164	31547	18.903	ug/l	97
65) Chlorobenzene	10.061	112	100187	19.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35260	18.802	ug/l	99
67) Ethyl Benzene	10.177	91	172737	19.361	ug/l	99
68) m/p-Xylenes	10.287	106	131393	39.531	ug/l	100
69) o-Xylene	10.622	106	62181	19.873	ug/l	97
70) Styrene	10.640	104	107727	20.002	ug/l	100
71) Bromoform	10.781	173	26139	18.981	ug/l #	98
73) Isopropylbenzene	10.945	105	155506	19.810	ug/l	99
74) N-amyl acetate	10.823	43	58589	20.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42974	19.324	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	44148	25.616	ug/l	81
77) Bromobenzene	11.177	156	36894	18.781	ug/l	98
78) n-propylbenzene	11.287	91	188796	19.833	ug/l	99
79) 2-Chlorotoluene	11.348	91	111935	19.463	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	128993	20.019	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12898	18.325	ug/l	95
82) 4-Chlorotoluene	11.433	91	132212	19.562	ug/l	99
83) tert-Butylbenzene	11.695	119	129716	19.927	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	129055	20.114	ug/l	99
85) sec-Butylbenzene	11.872	105	162650	20.438	ug/l	99
86) p-Isopropyltoluene	11.994	119	136589	20.362	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	69779	18.994	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	71568	18.794	ug/l	98
89) n-Butylbenzene	12.317	91	124016	19.849	ug/l	100
90) Hexachloroethane	12.518	117	26380	18.632	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	65429	18.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7737	19.040	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	39156	19.110	ug/l	99
94) Hexachlorobutadiene	13.707	225	16336	20.672	ug/l	97
95) Naphthalene	13.756	128	105740	19.577	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	36752	19.441	ug/l	98

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ClientSampleId :

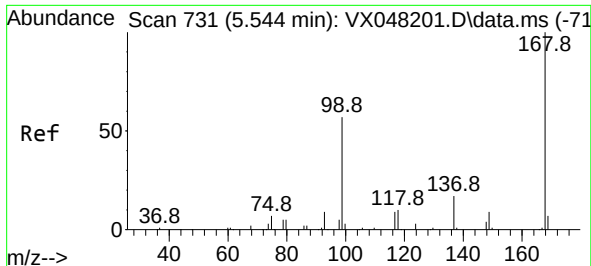
Quant Time: Oct 18 00:17:25 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

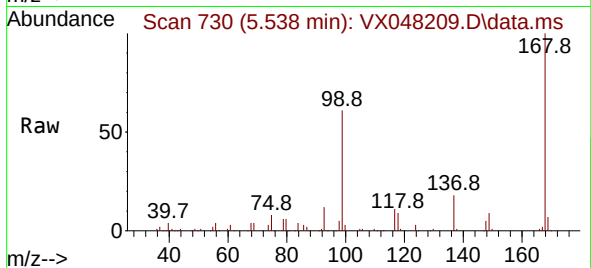
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
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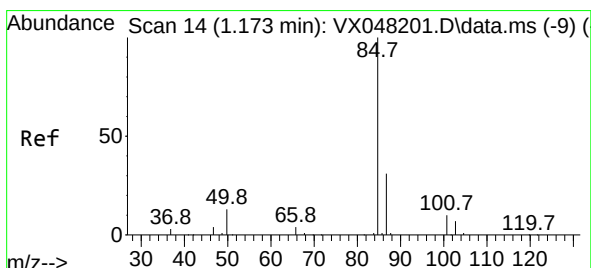
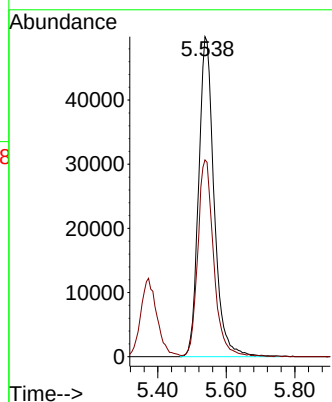
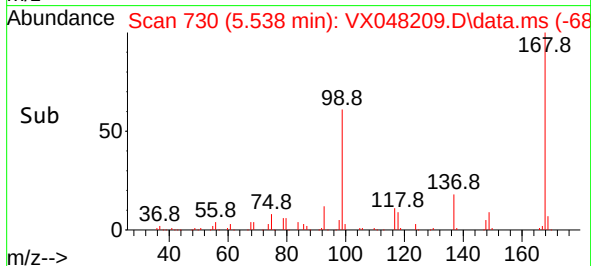


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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ClientSampleId :

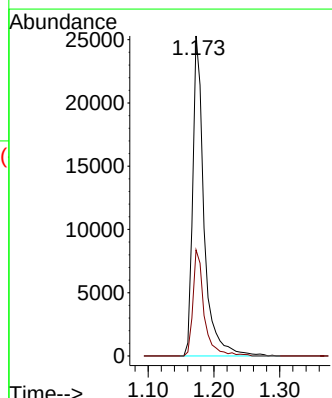
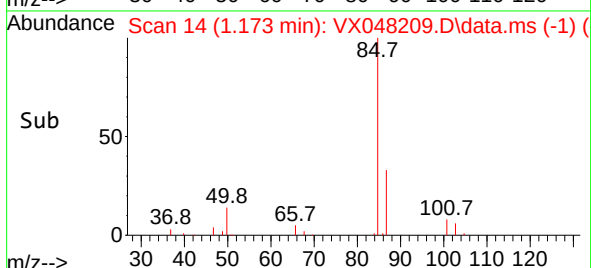
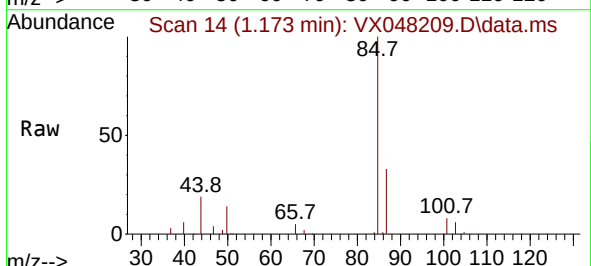


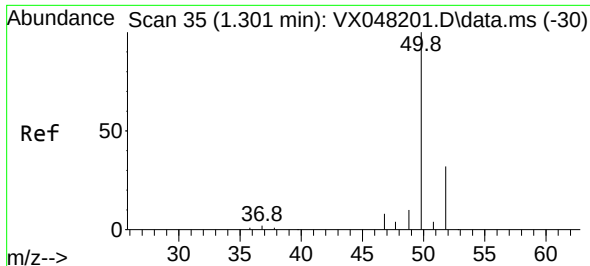
Tgt Ion:168 Resp: 157010
Ion Ratio Lower Upper
168 100
99 61.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.272 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 85 Resp: 30110
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9

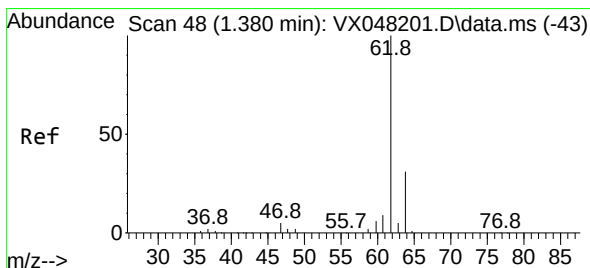
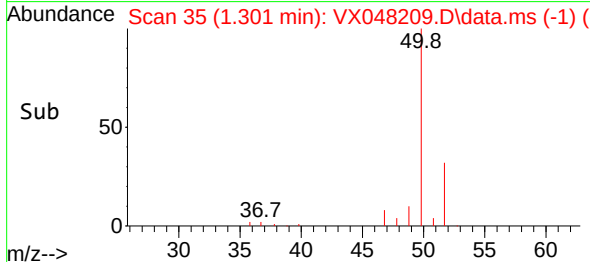
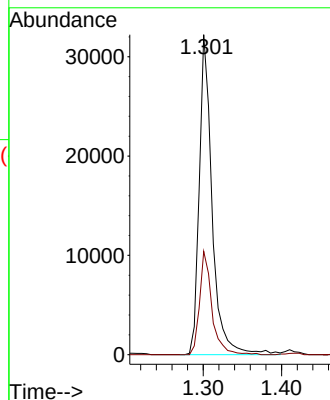
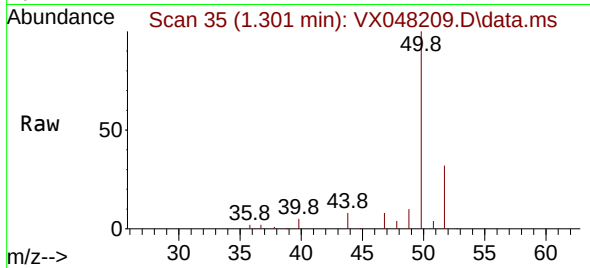




#3
Chloromethane
Concen: 18.528 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

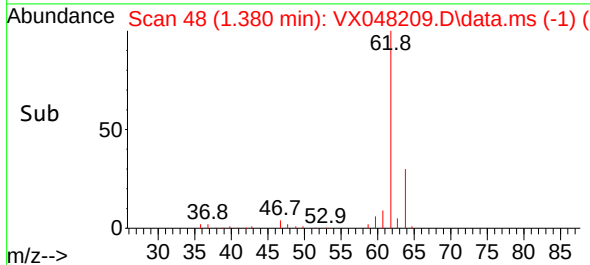
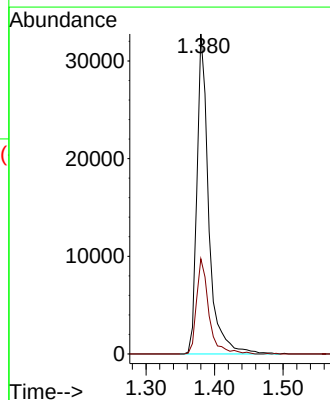
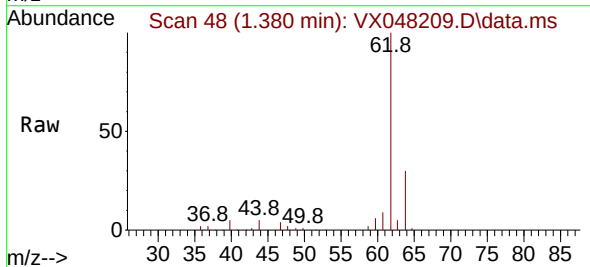
Instrument :
MSVOA_X
ClientSampleId :

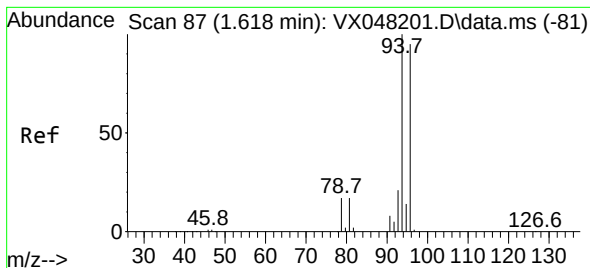
Tgt Ion: 50 Resp: 36990
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 18.683 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 62 Resp: 39303
Ion Ratio Lower Upper
62 100
64 29.8 25.1 37.7





#5

Bromomethane

Concen: 19.181 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

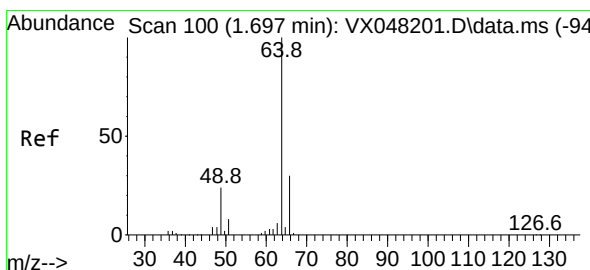
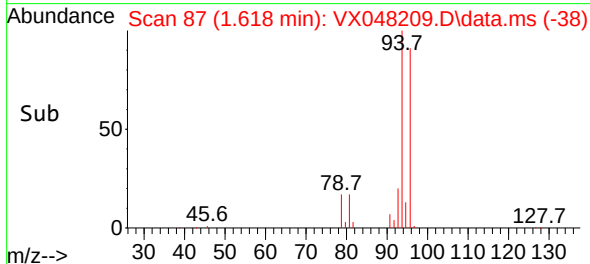
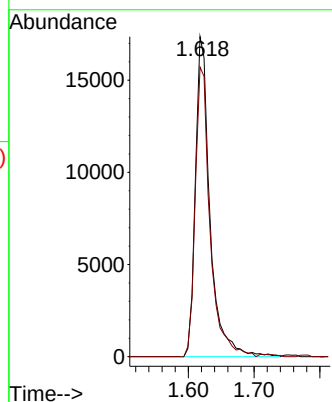
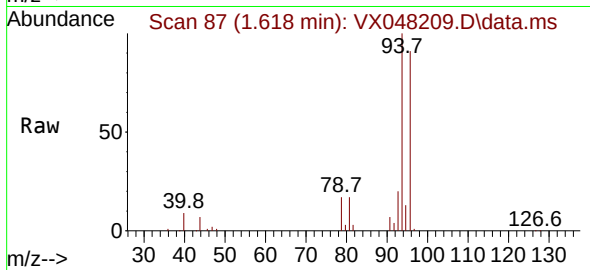
ClientSampleId :

Tgt Ion: 94 Resp: 26832

Ion Ratio Lower Upper

94 100

96 80.3 76.0 114.0



#6

Chloroethane

Concen: 17.932 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.000 min

Lab File: VX048209.D

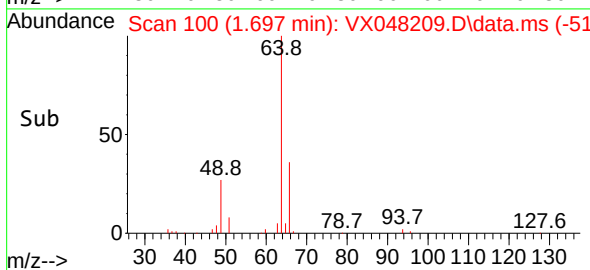
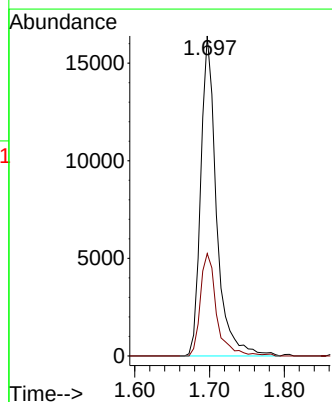
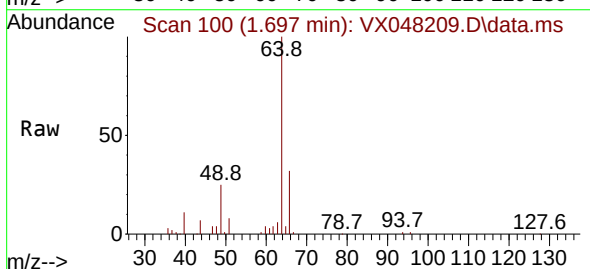
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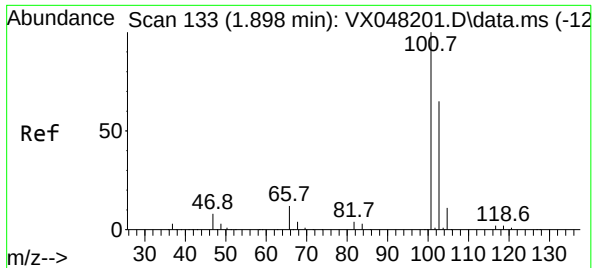
Tgt Ion: 64 Resp: 24006

Ion Ratio Lower Upper

64 100

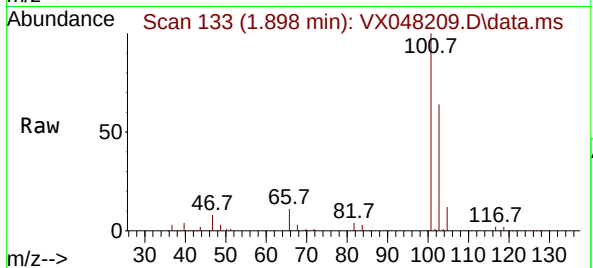
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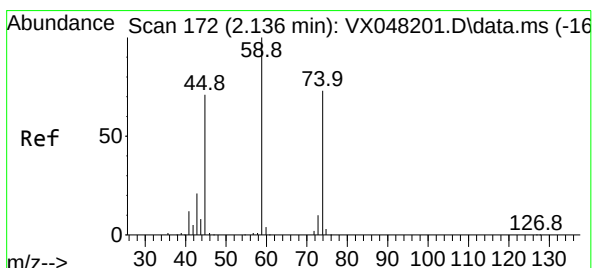
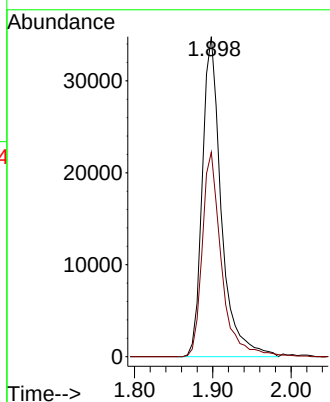
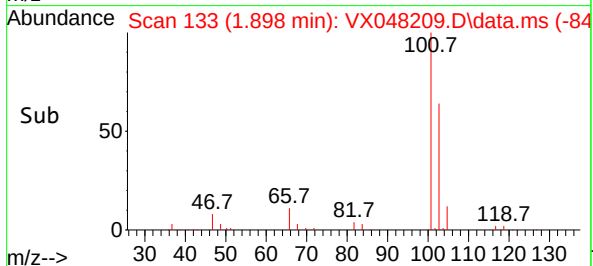


#7
 Trichlorofluoromethane
 Concen: 17.761 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

Instrument :
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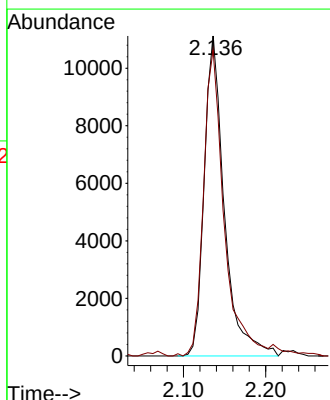
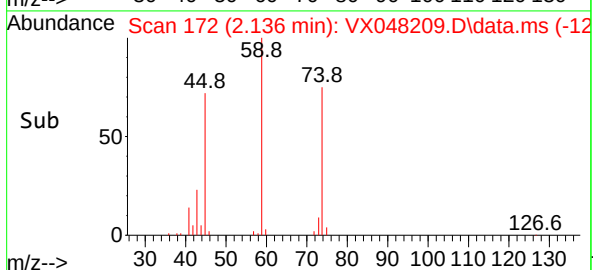
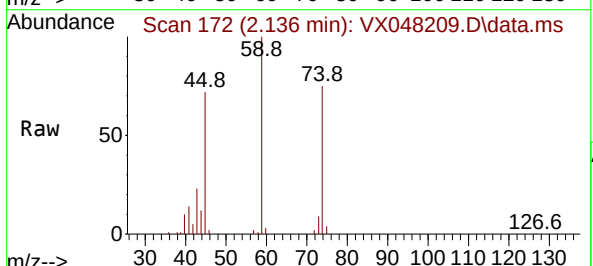


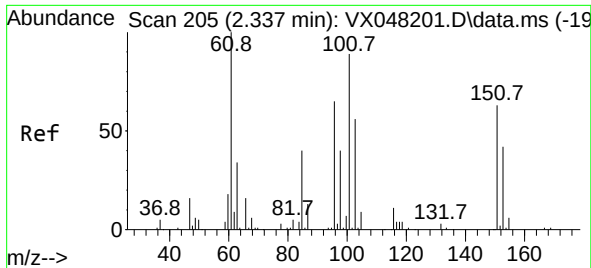
Tgt Ion:101 Resp: 58645
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 16.751 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

Tgt Ion: 74 Resp: 18866
 Ion Ratio Lower Upper
 74 100
 45 100.6 50.0 149.8

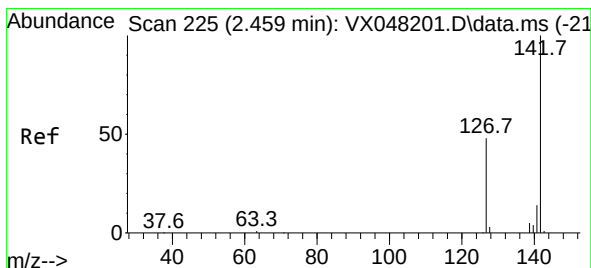
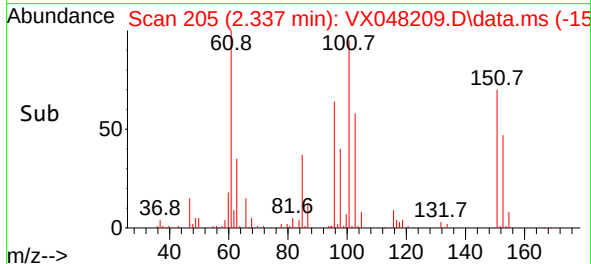
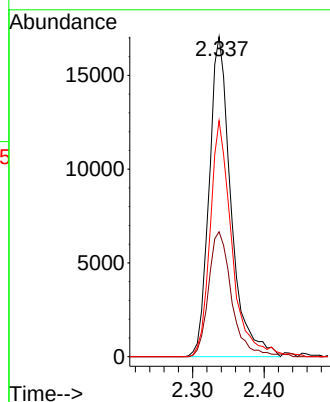
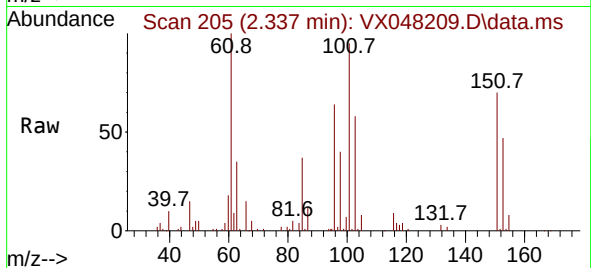




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.458 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048209.D
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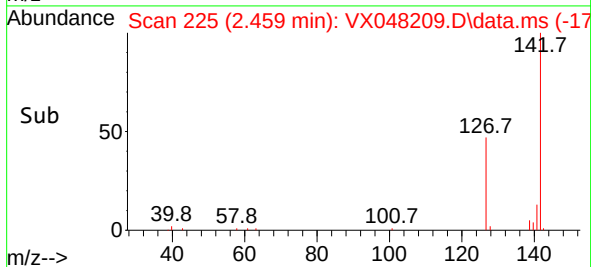
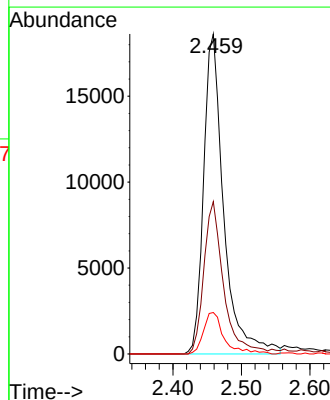
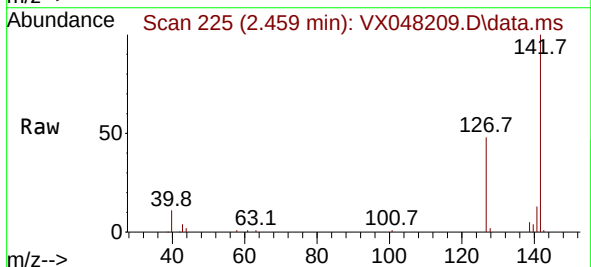
Instrument :
MSVOA_X
ClientSampleId :

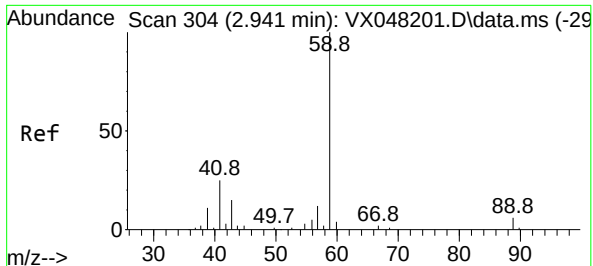
Tgt Ion:	101	Resp:	36206
Ion	Ratio	Lower	Upper
101	100		
85	41.4	35.6	53.4
151	73.6	58.0	87.0



#10
Methyl Iodide
Concen: 17.036 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:	142	Resp:	37969
Ion	Ratio	Lower	Upper
142	100		
127	46.6	38.5	57.7
141	13.3	11.6	17.4

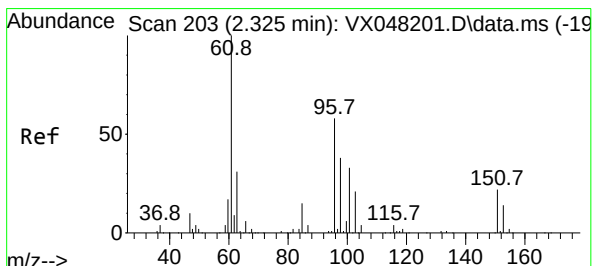
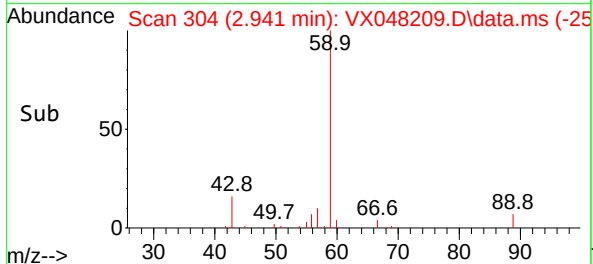
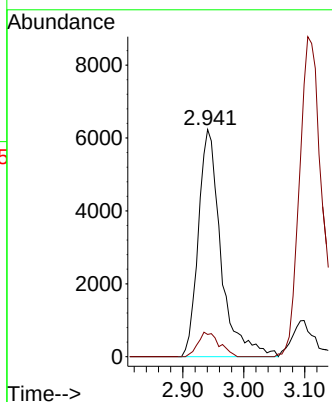
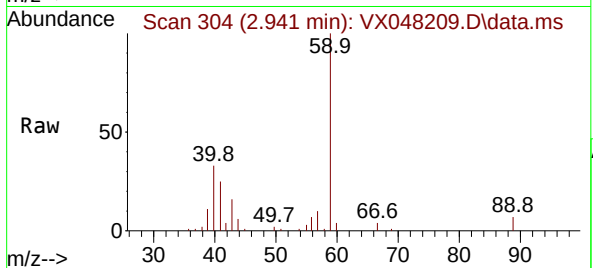




#11
Tert butyl alcohol
Concen: 99.557 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

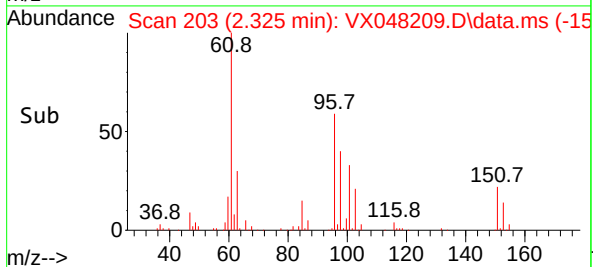
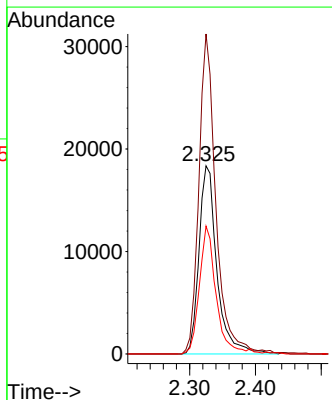
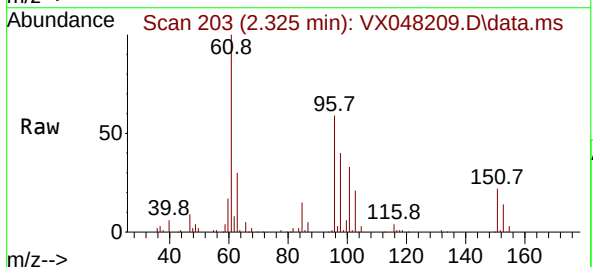
Instrument :
MSVOA_X
ClientSampleId :

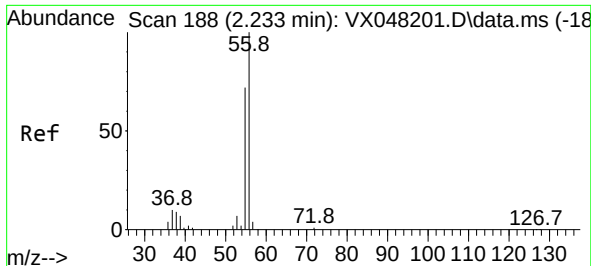
Tgt Ion: 59 Resp: 16068
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.098 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 96 Resp: 34747
Ion Ratio Lower Upper
96 100
61 170.0 139.0 208.6
98 68.0 52.4 78.6

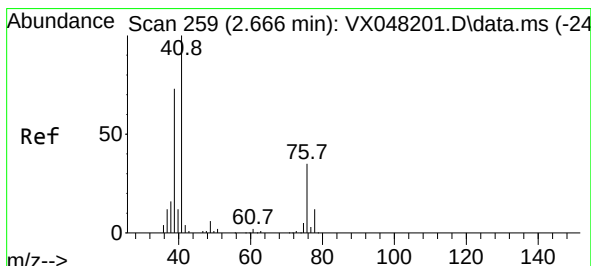
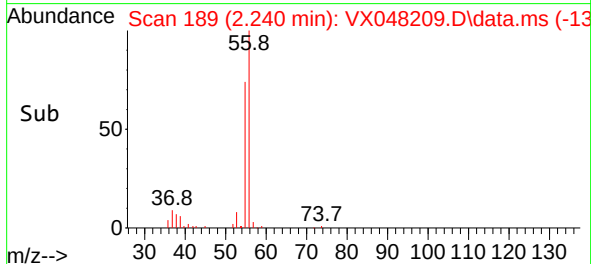
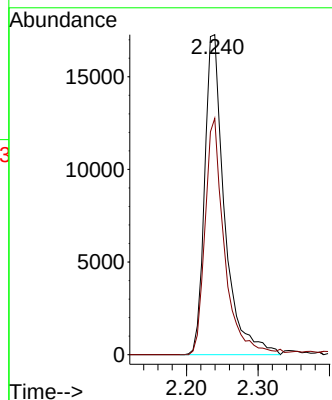
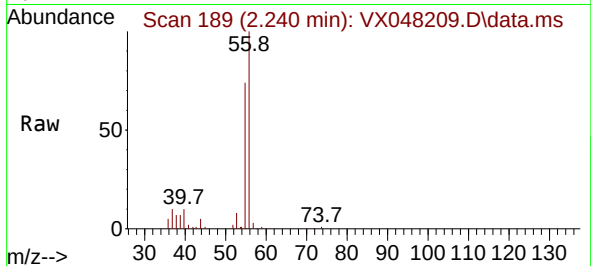




#13
Acrolein
Concen: 98.285 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

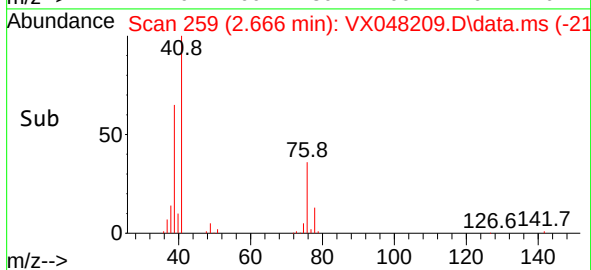
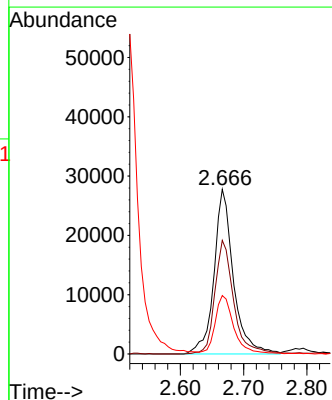
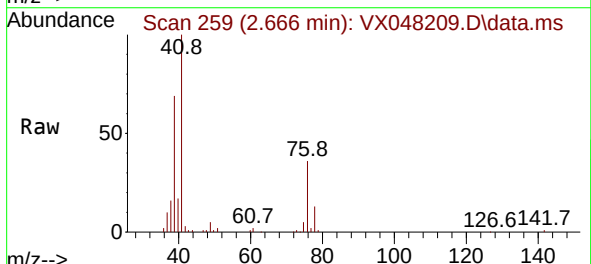
Instrument :
MSVOA_X
ClientSampleId :

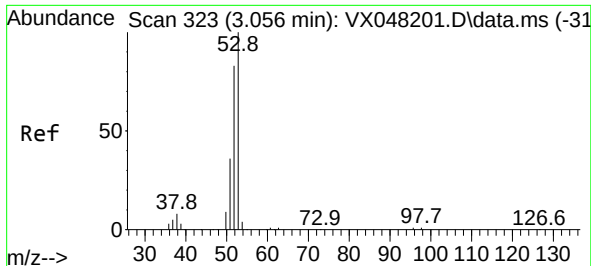
Tgt Ion: 56 Resp: 33337
Ion Ratio Lower Upper
56 100
55 72.3 56.1 84.1



#14
Allyl chloride
Concen: 18.122 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 41 Resp: 59307
Ion Ratio Lower Upper
41 100
39 66.7 56.0 84.0
76 33.3 27.5 41.3

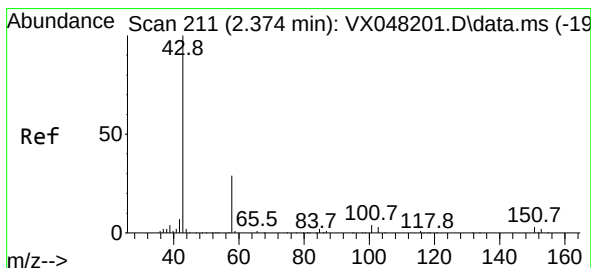
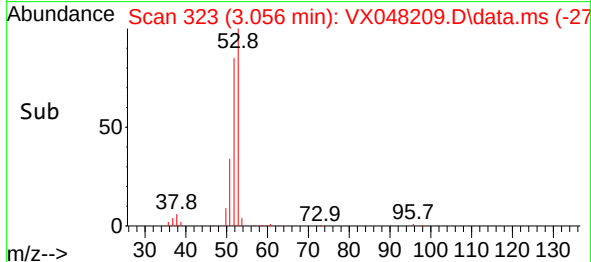
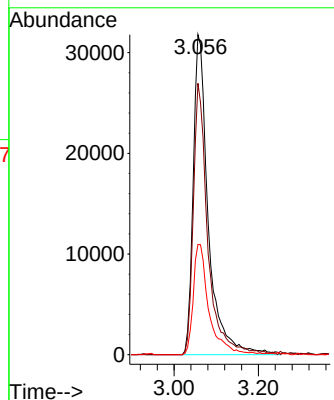
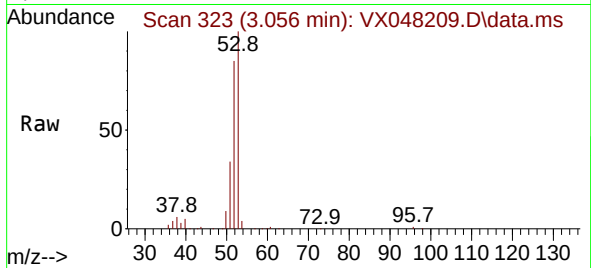




#15
Acrylonitrile
Concen: 102.319 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

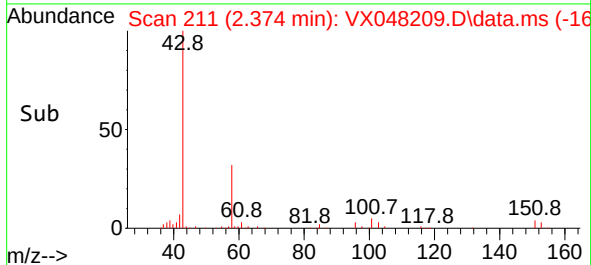
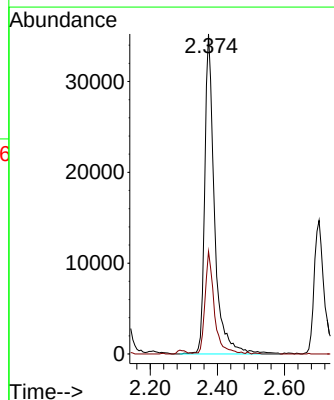
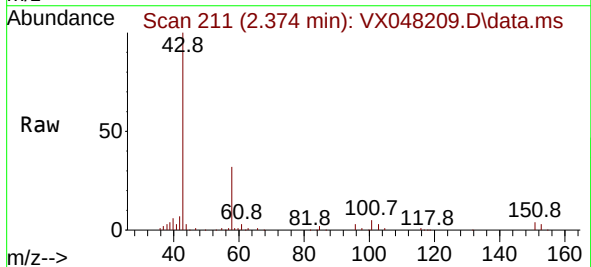
Instrument :
MSVOA_X
ClientSampleId :

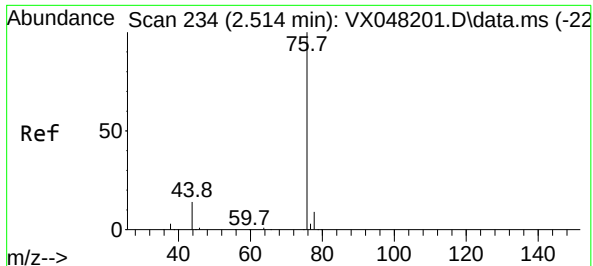
Tgt Ion:	53	Resp:	79131
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.1	99.1
51	36.0	29.0	43.4



#16
Acetone
Concen: 86.128 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:	43	Resp:	71466
Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.4	35.2

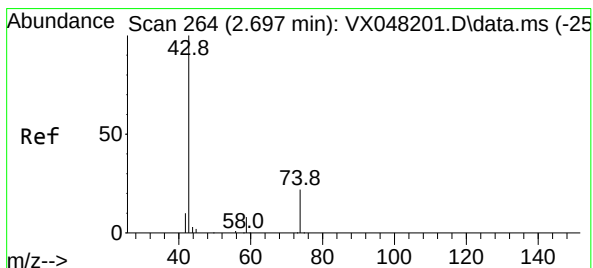
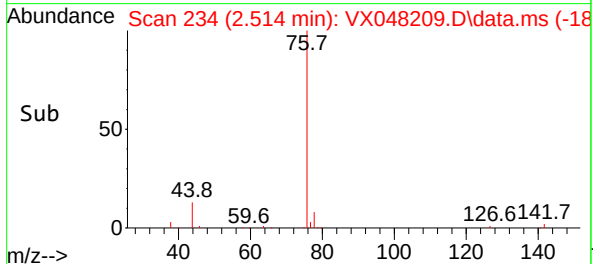
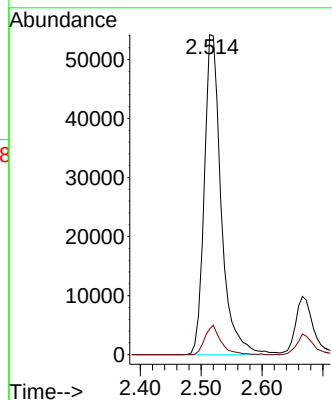
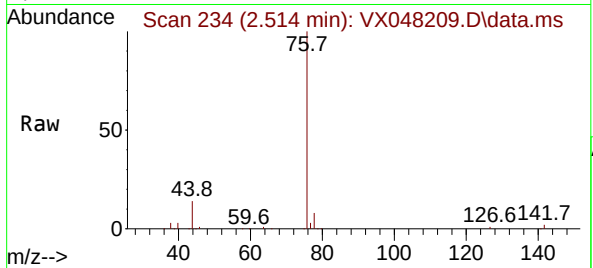




#17
Carbon Disulfide
Concen: 18.770 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

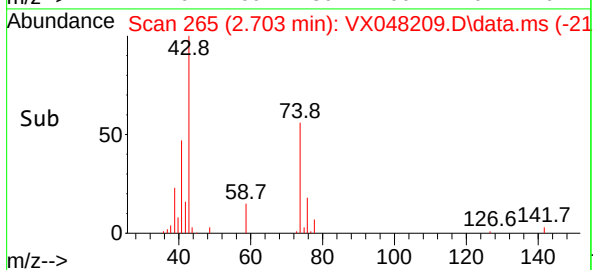
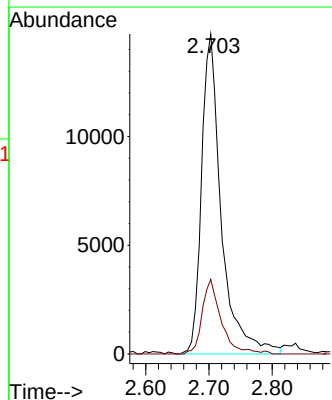
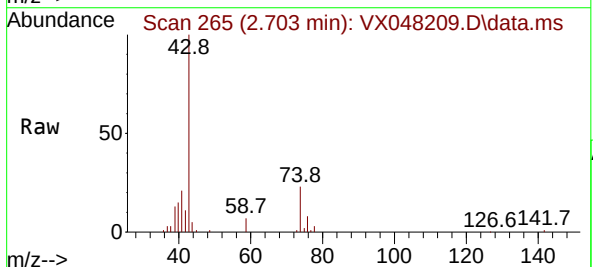
Instrument :
MSVOA_X
ClientSampleId :

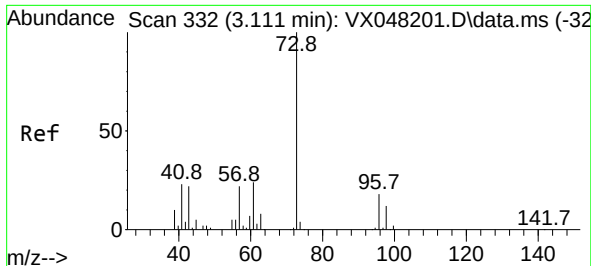
Tgt Ion: 76 Resp: 105072
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#18
Methyl Acetate
Concen: 18.921 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 31977
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3

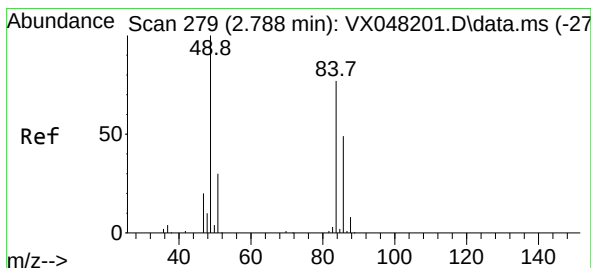
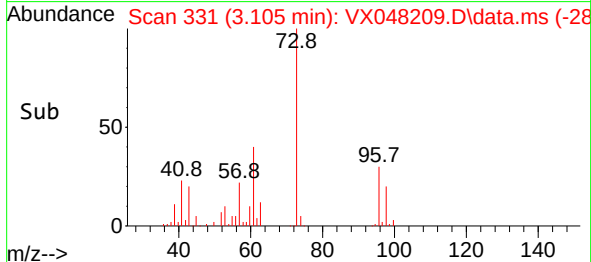
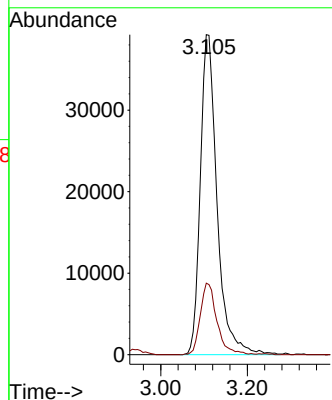
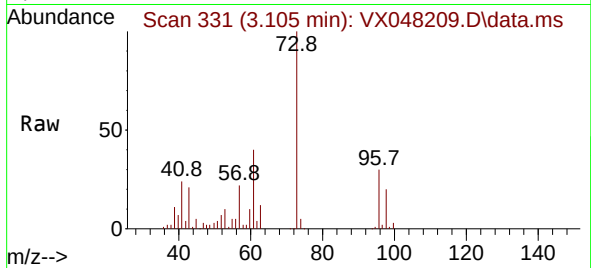




#19
Methyl tert-butyl Ether
Concen: 19.235 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

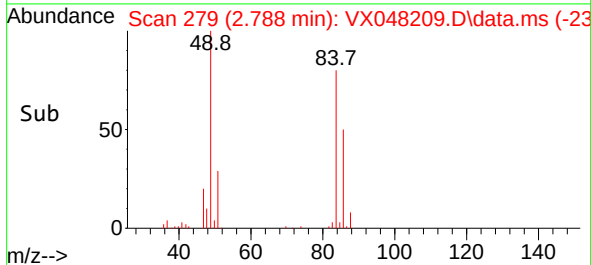
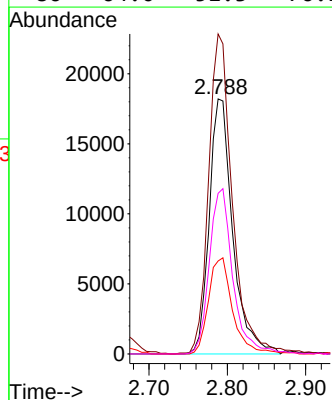
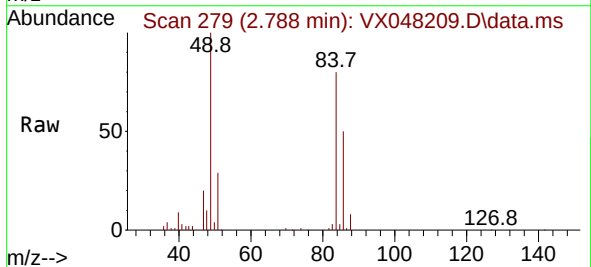
Instrument :
MSVOA_X
ClientSampleId :

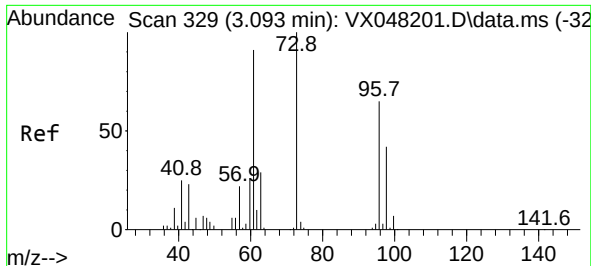
Tgt Ion: 73 Resp: 105416
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 84 Resp: 37881
Ion Ratio Lower Upper
84 100
49 125.1 104.1 156.1
51 36.4 31.3 46.9
86 64.0 51.3 76.9

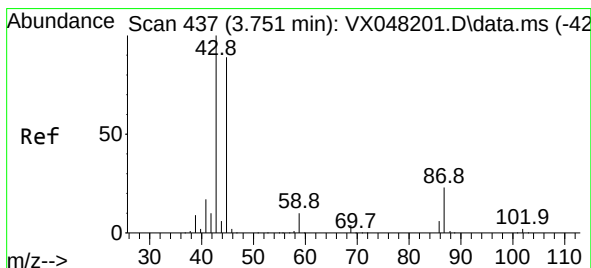
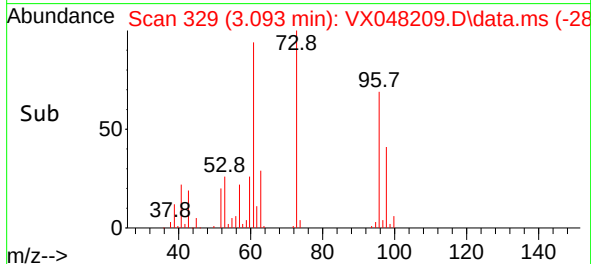
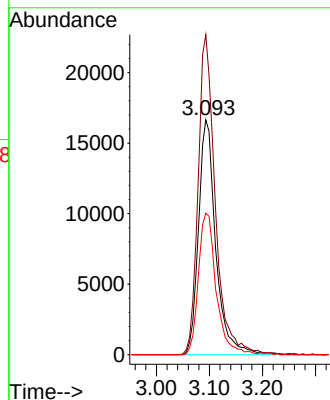
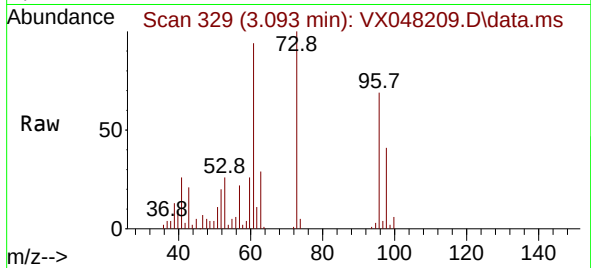




#21
trans-1,2-Dichloroethene
Concen: 20.061 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

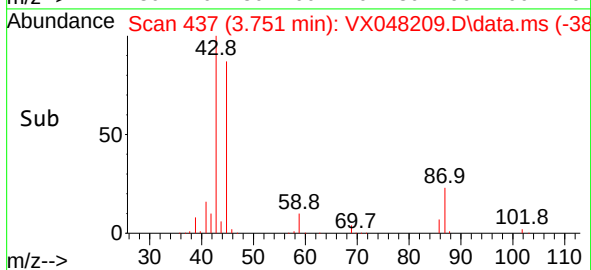
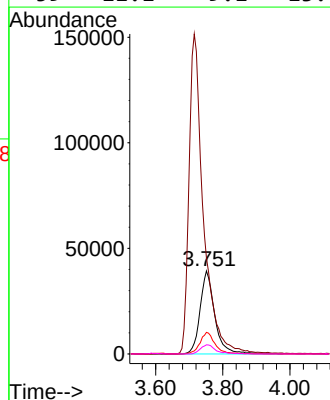
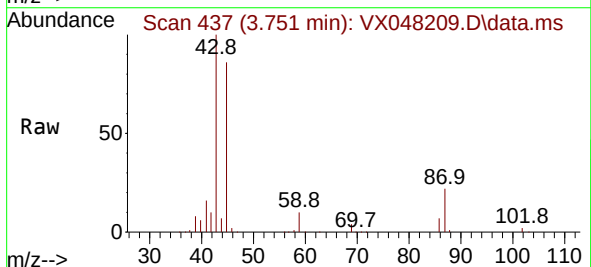
Instrument :
MSVOA_X
ClientSampleId :

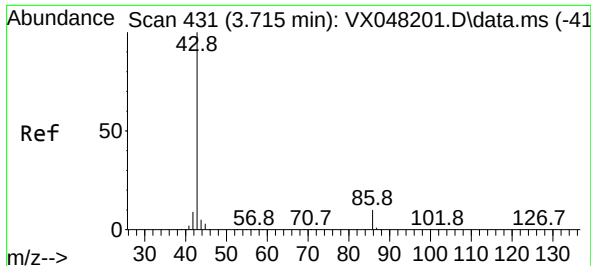
Tgt Ion: 96 Resp: 37759
Ion Ratio Lower Upper
96 100
61 136.2 111.9 167.9
98 60.2 51.2 76.8



#22
Diisopropyl ether
Concen: 18.642 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 45 Resp: 119467
Ion Ratio Lower Upper
45 100
43 114.6 89.8 134.8
87 26.0 20.6 31.0
59 11.1 9.1 13.7

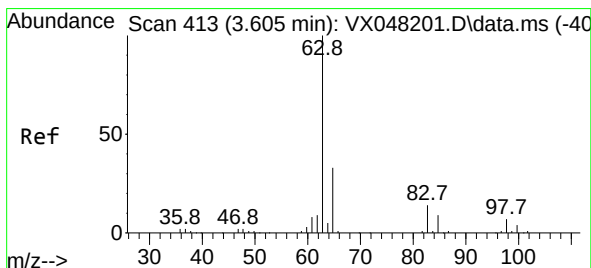
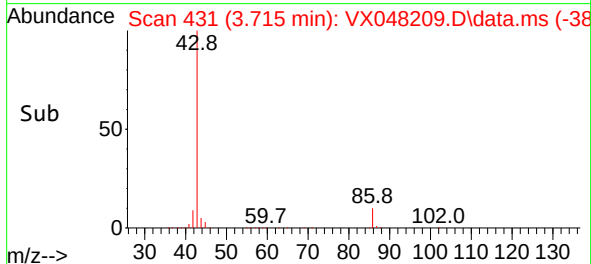
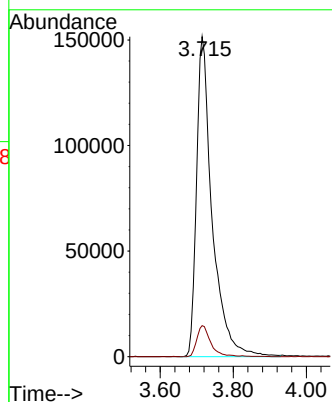
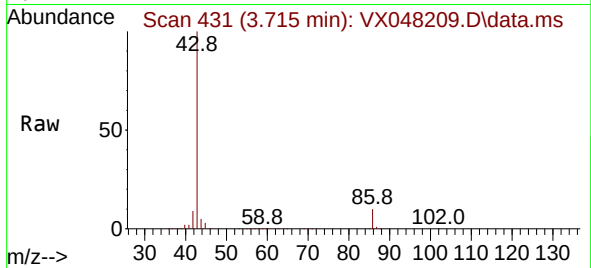




#23
 Vinyl Acetate
 Concen: 94.497 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

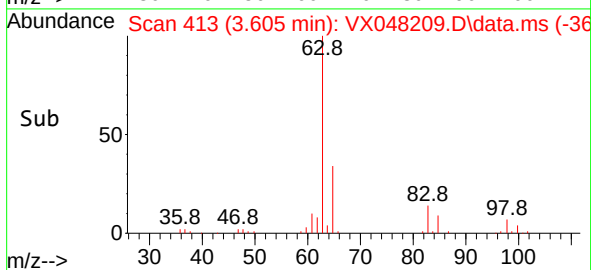
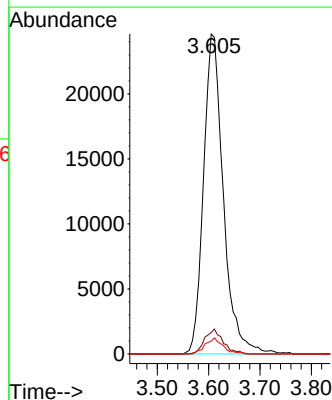
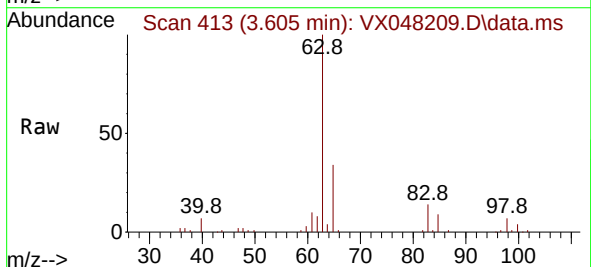
Instrument :
 MSVOA_X
 ClientSampleId :

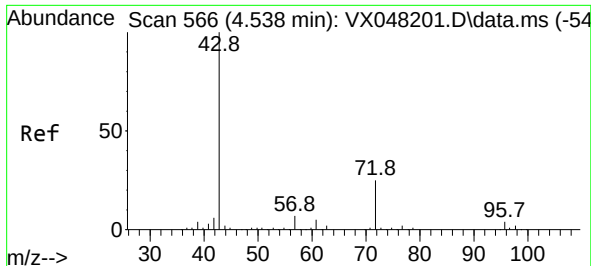
Tgt Ion: 43 Resp: 452806
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 18.127 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

Tgt Ion: 63 Resp: 65904
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.0 2.1 6.3

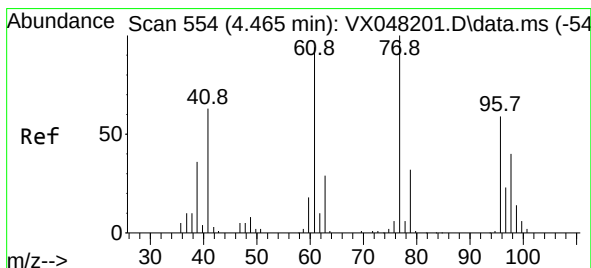
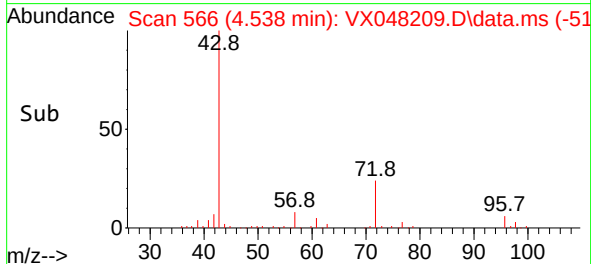
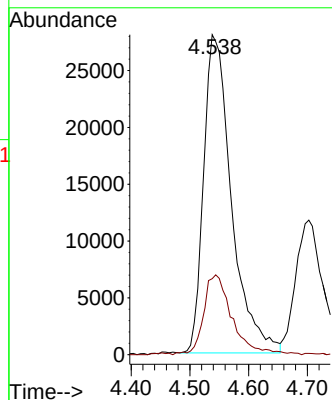
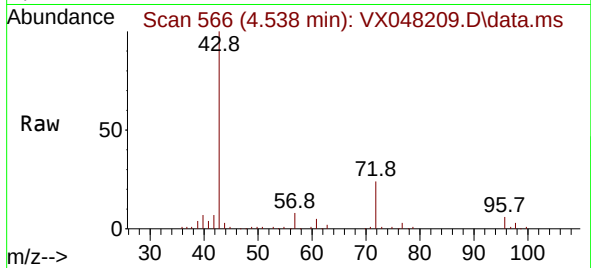




#25
2-Butanone
Concen: 95.306 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

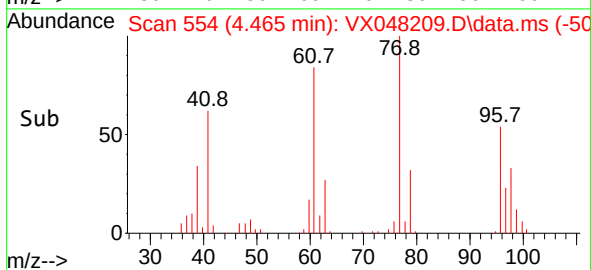
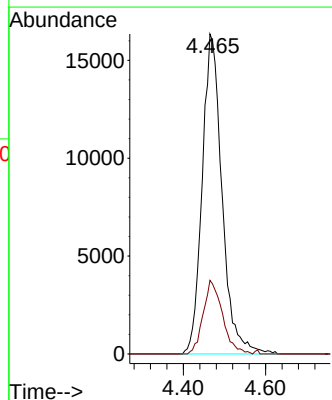
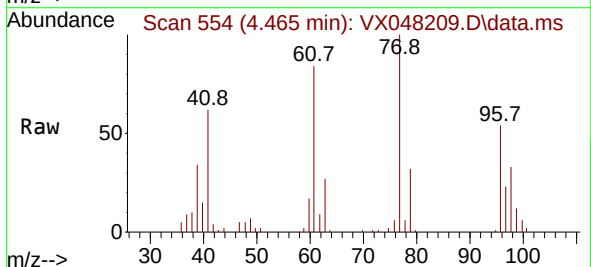
Instrument :
MSVOA_X
ClientSampleId :

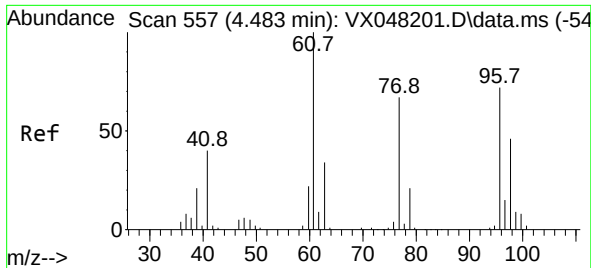
Tgt Ion: 43 Resp: 92133
Ion Ratio Lower Upper
43 100
72 22.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.615 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 77 Resp: 54738
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.219 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

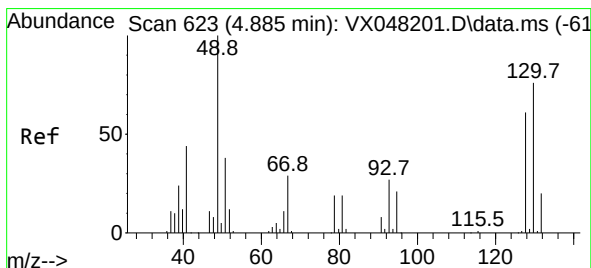
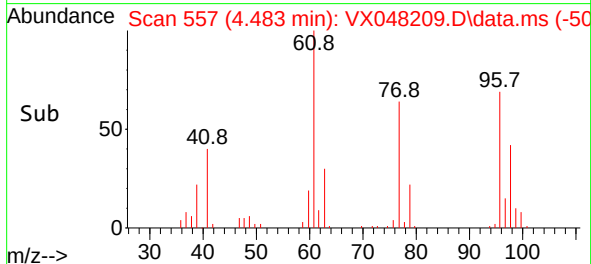
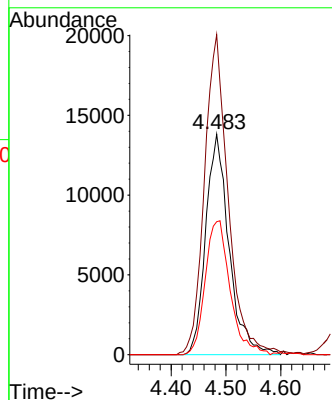
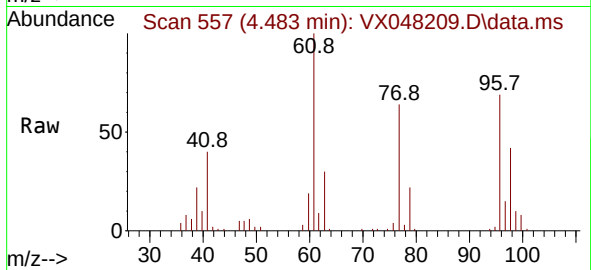
Tgt Ion: 96 Resp: 40699

Ion Ratio Lower Upper

96 100

61 148.4 0.0 294.2

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 18.899 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

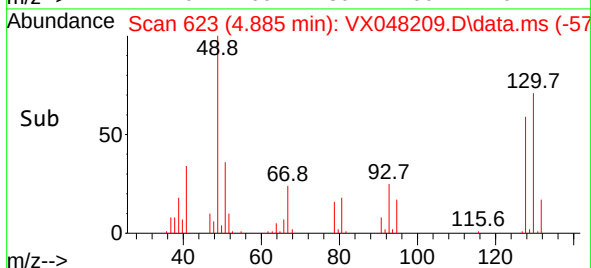
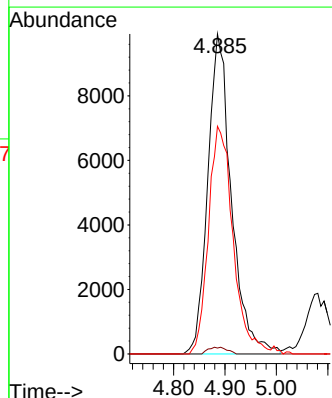
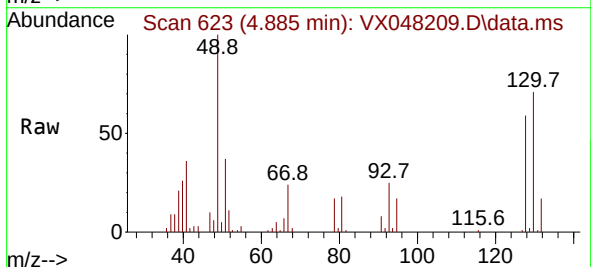
Tgt Ion: 49 Resp: 31672

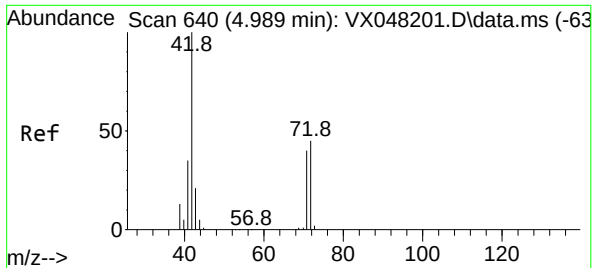
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

130 73.6 59.3 88.9





#29

Tetrahydrofuran

Concen: 100.192 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048209.D

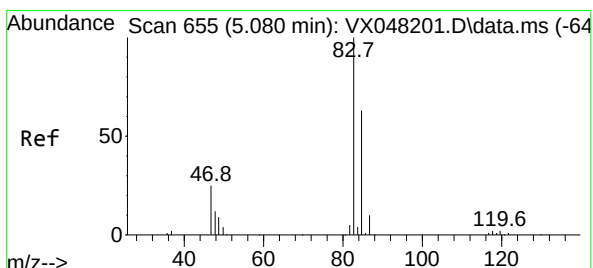
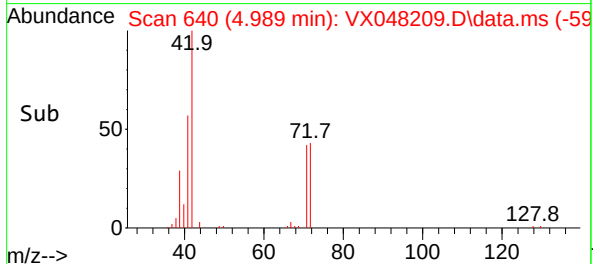
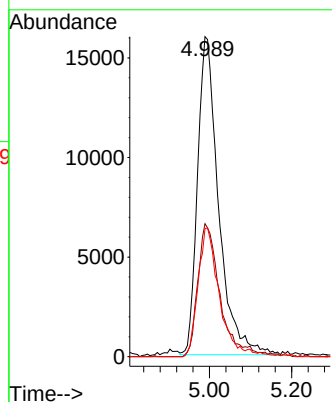
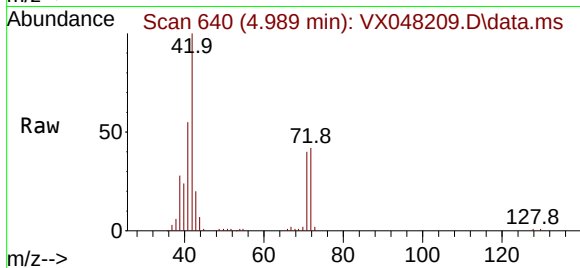
Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	56880
Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.3	52.9
71	39.8	32.2	48.4



#30

Chloroform

Concen: 18.154 ug/l

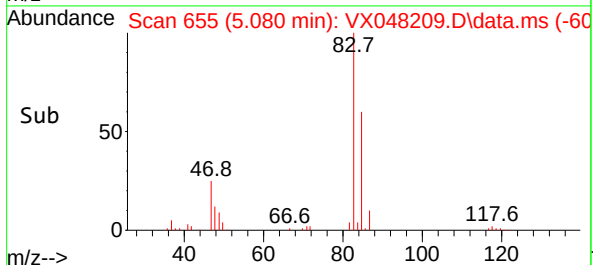
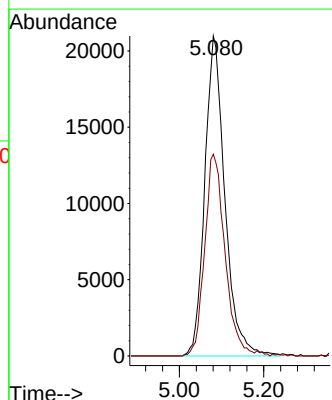
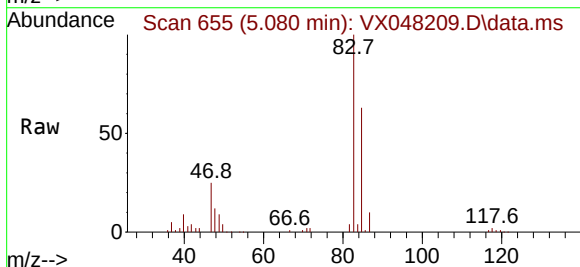
RT: 5.080 min Scan# 655

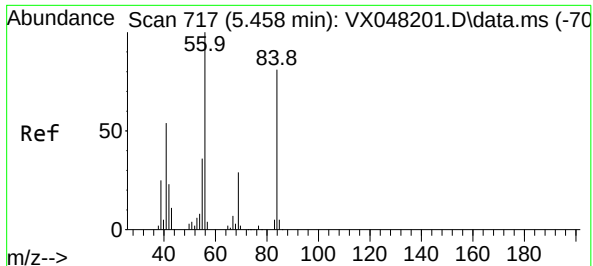
Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

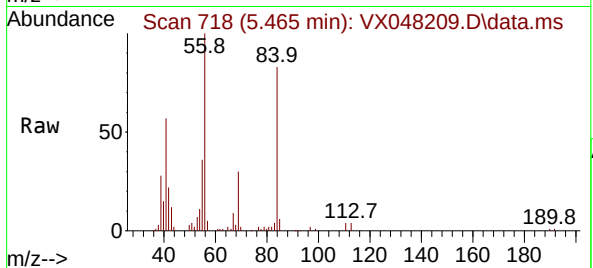
Tgt Ion:	83	Resp:	69488
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.1	75.1





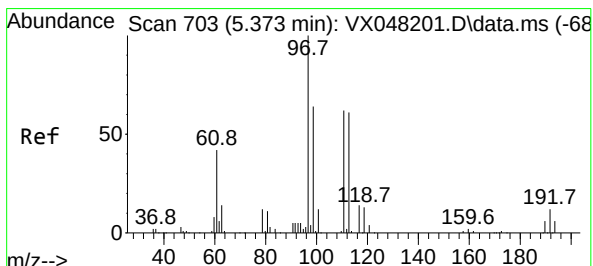
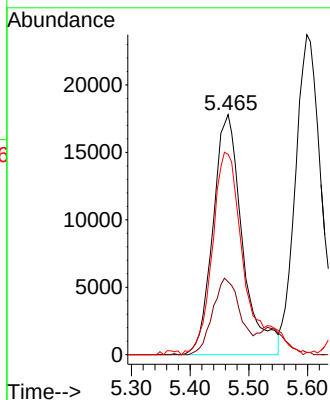
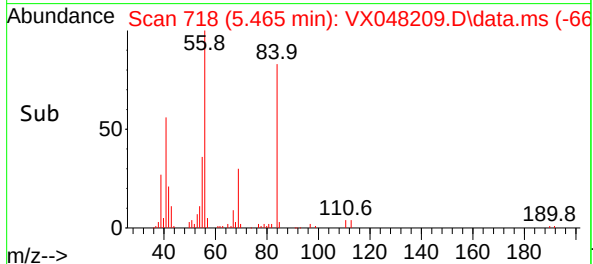
#31
Cyclohexane
Concen: 20.853 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :

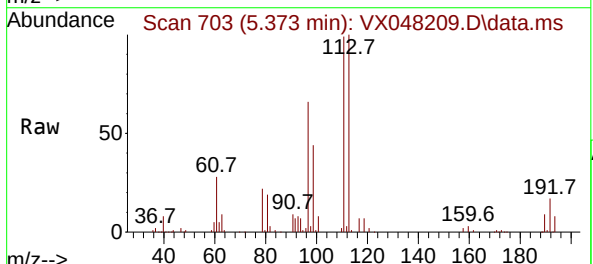


Tgt Ion: 56 Resp: 62035

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	81.8	64.6	97.0

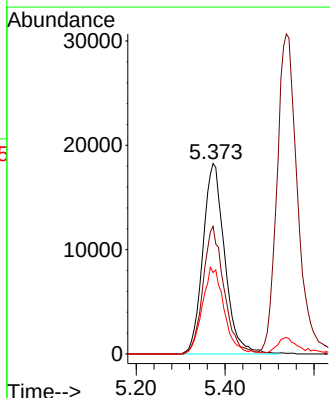
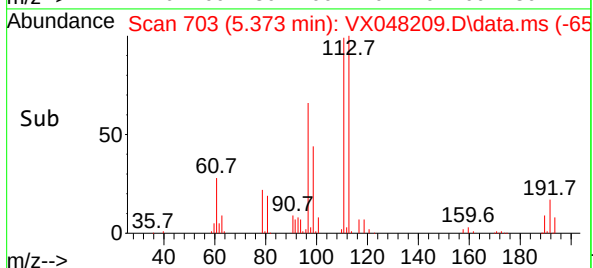


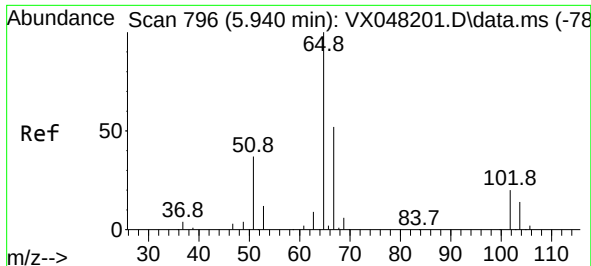
#32
1,1,1-Trichloroethane
Concen: 19.827 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03



Tgt Ion: 97 Resp: 62355

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	45.6	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 43.712 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

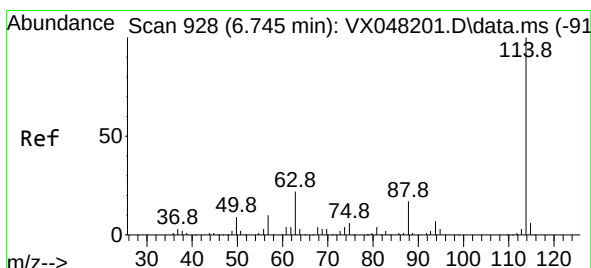
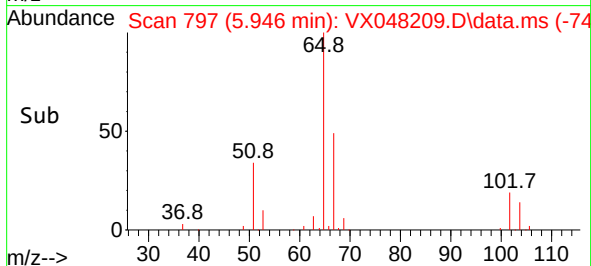
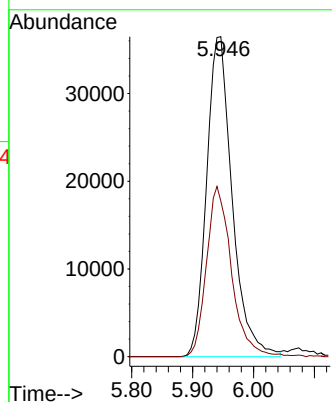
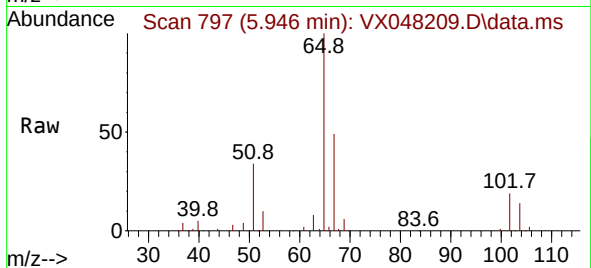
ClientSampleId :

Tgt Ion: 65 Resp: 106326

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

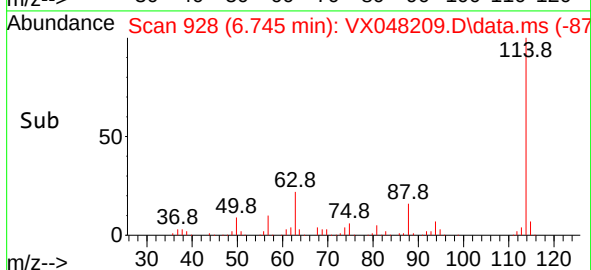
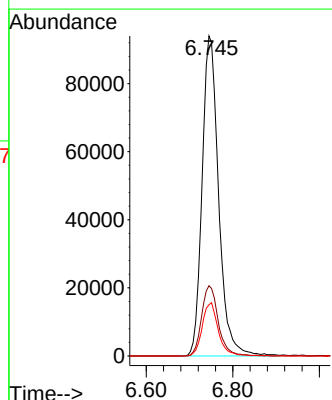
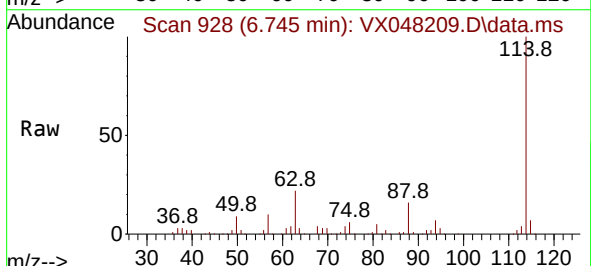
Tgt Ion: 114 Resp: 248908

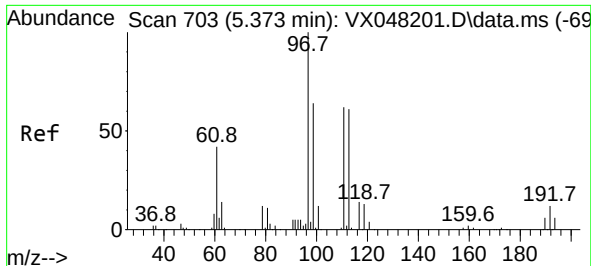
Ion Ratio Lower Upper

114 100

63 25.2 0.0 43.2

88 16.0 0.0 33.6

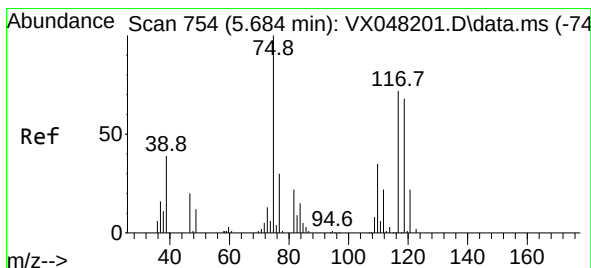
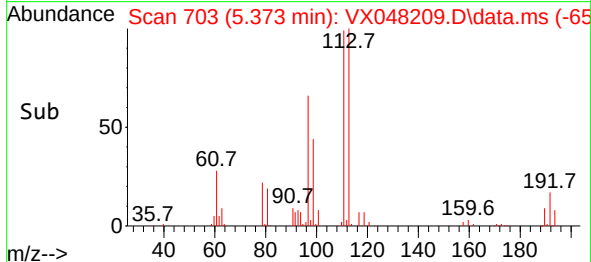
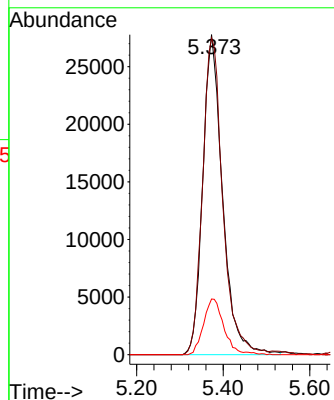
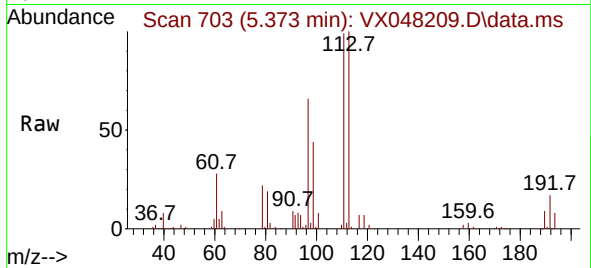




#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

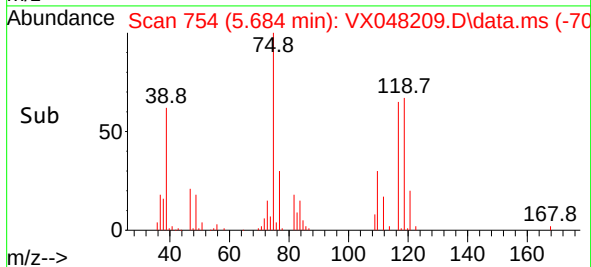
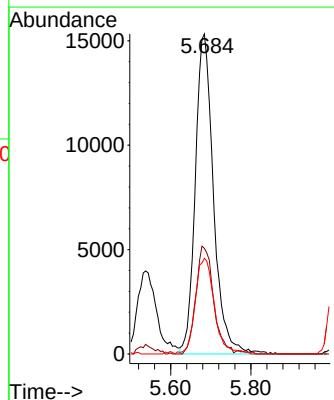
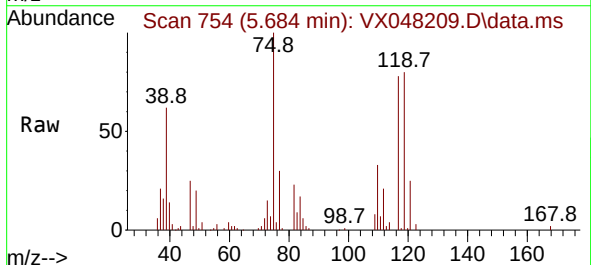
Instrument :
MSVOA_X
ClientSampleId :

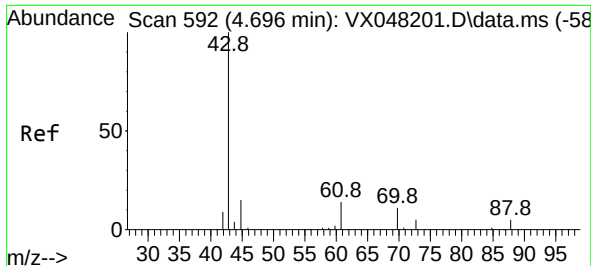
Tgt Ion:113 Resp: 88411
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 18.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 19.873 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 48361
Ion Ratio Lower Upper
75 100
110 32.7 17.7 53.1
77 31.2 24.3 36.5

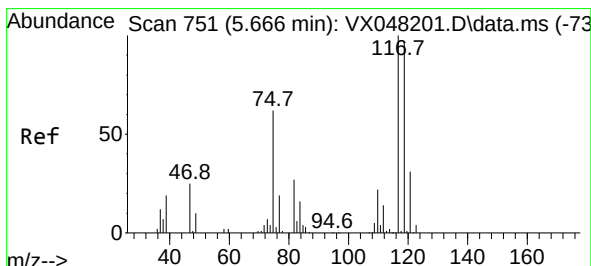
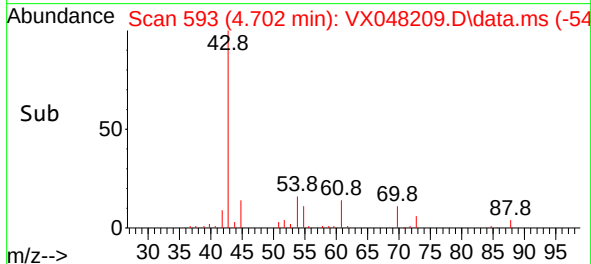
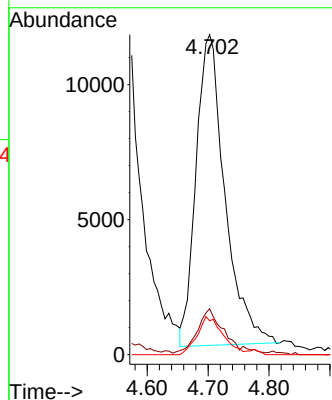
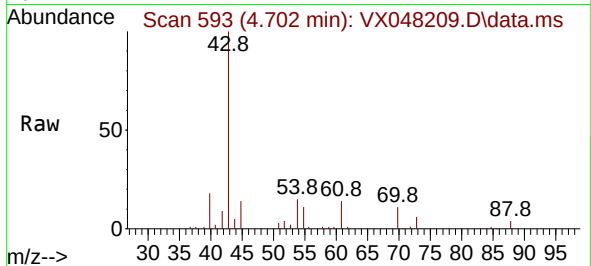




#37
Ethyl Acetate
Concen: 19.477 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

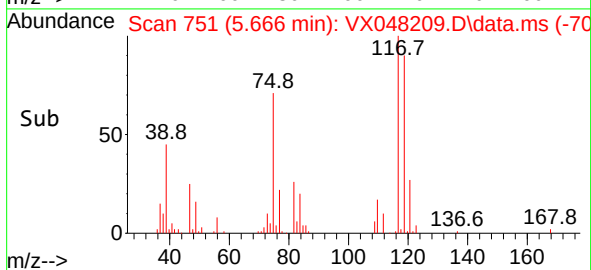
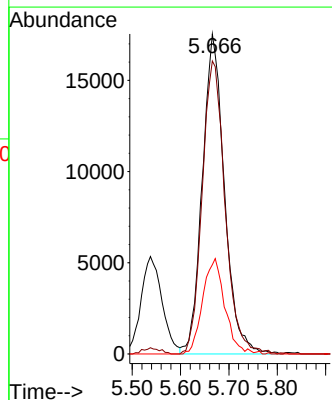
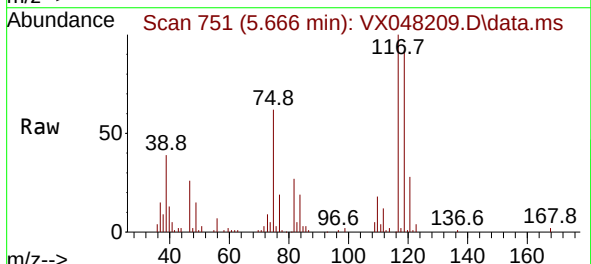
Instrument :
MSVOA_X
ClientSampleId :

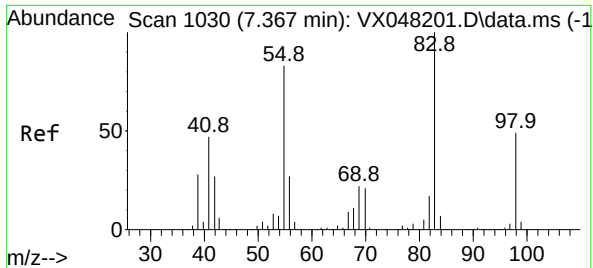
Tgt Ion: 43 Resp: 37880
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 11.1 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.949 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 117 Resp: 55723
Ion Ratio Lower Upper
117 100
119 91.6 77.2 115.8
121 27.9 24.8 37.2

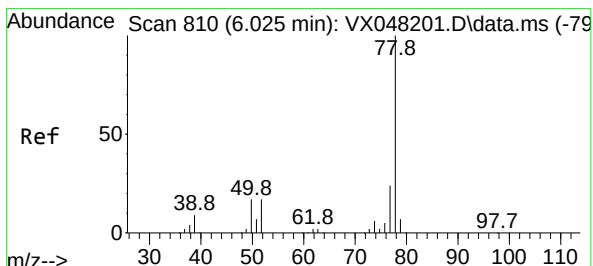
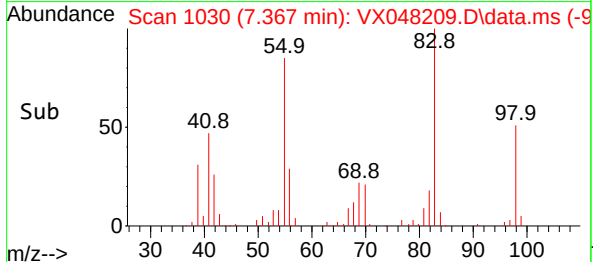
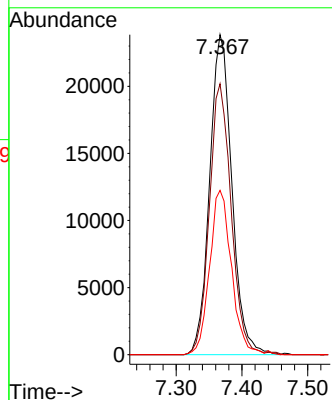
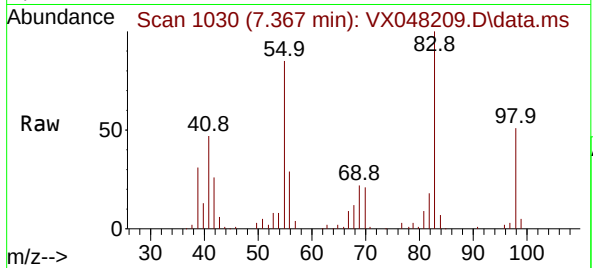




#39
Methylcyclohexane
Concen: 20.480 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

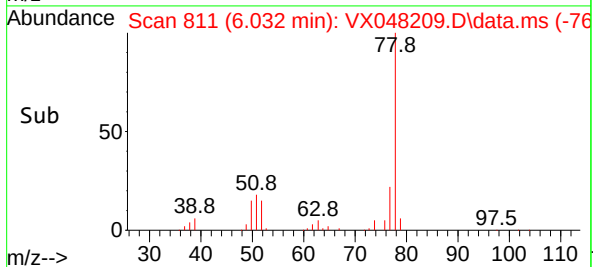
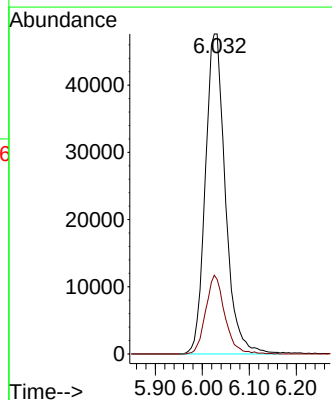
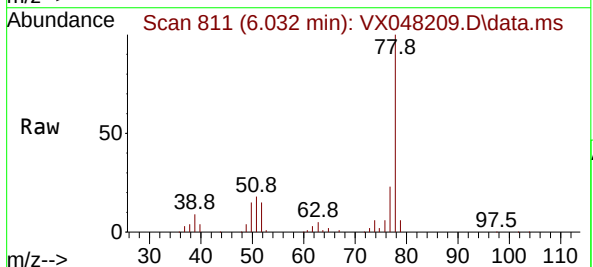
Instrument :
MSVOA_X
ClientSampleId :

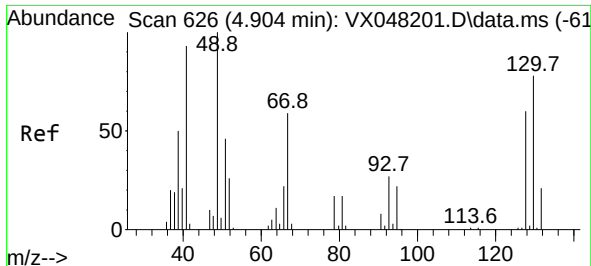
Tgt Ion: 83 Resp: 56194
Ion Ratio Lower Upper
83 100
55 84.6 66.2 99.2
98 51.3 38.9 58.3



#40
Benzene
Concen: 19.481 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

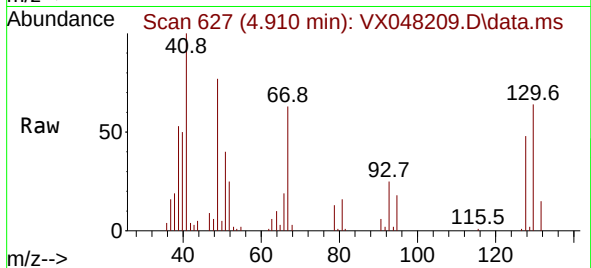
Tgt Ion: 78 Resp: 140774
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





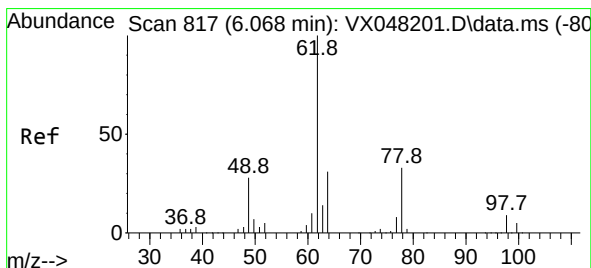
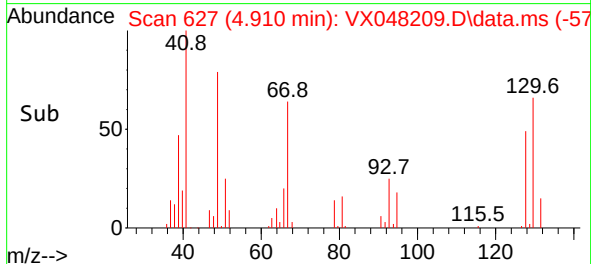
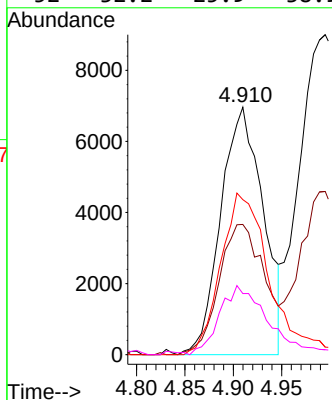
#41
Methacrylonitrile
Concen: 20.382 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 41 Resp: 21229

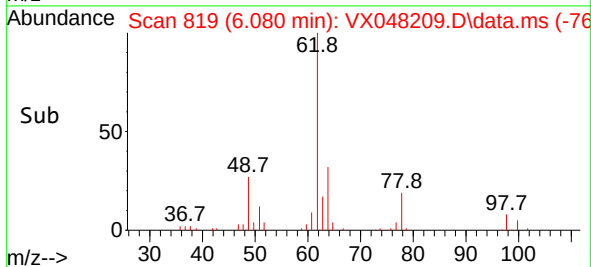
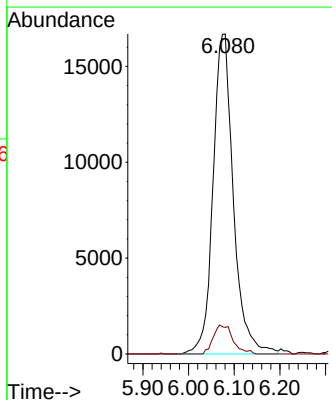
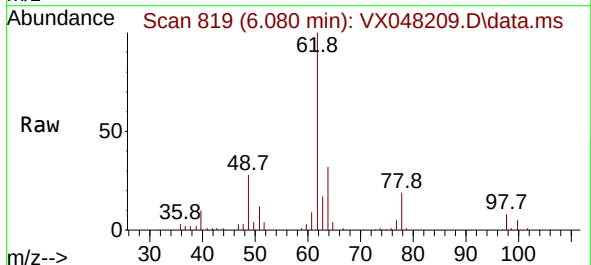
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.0	66.0
67	74.5	58.7	88.1
52	32.2	25.9	38.9

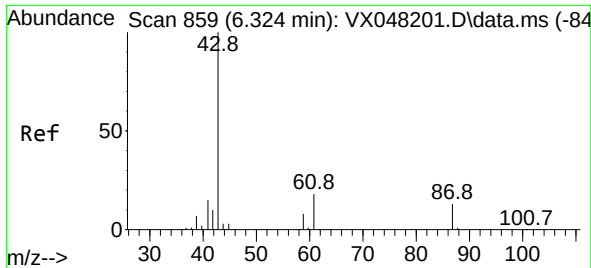


#42
1,2-Dichloroethane
Concen: 19.931 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 62 Resp: 51600

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

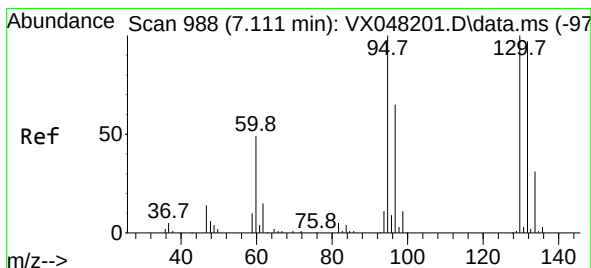
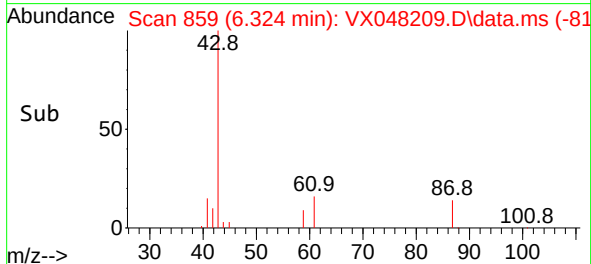
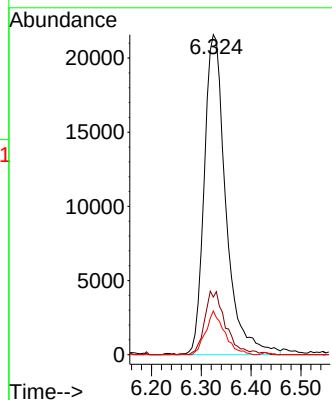
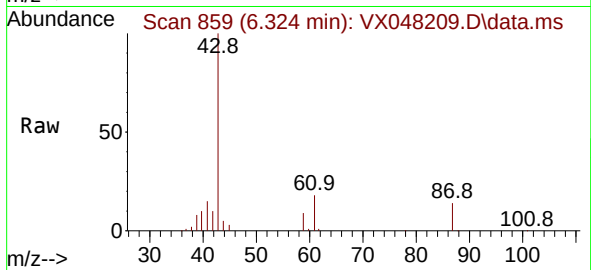




#43
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

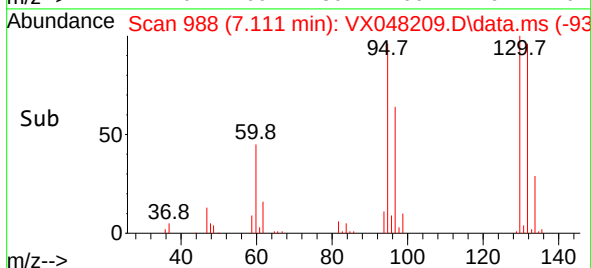
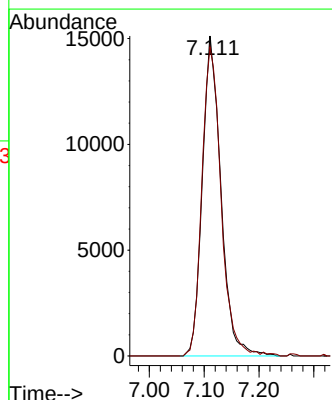
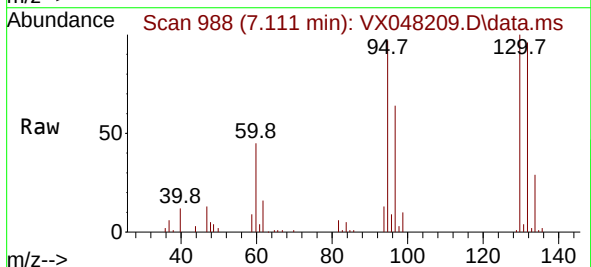
Instrument :
MSVOA_X
ClientSampleId :

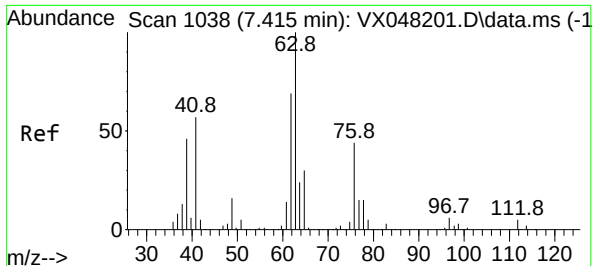
Tgt Ion: 43 Resp: 65065
Ion Ratio Lower Upper
43 100
61 19.5 14.9 22.3
87 11.9 9.4 14.2



#44
Trichloroethene
Concen: 19.532 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:130 Resp: 35571
Ion Ratio Lower Upper
130 100
95 96.6 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.333 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

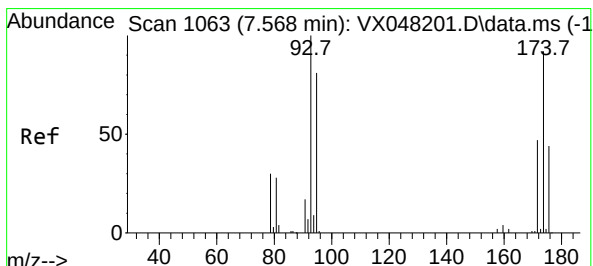
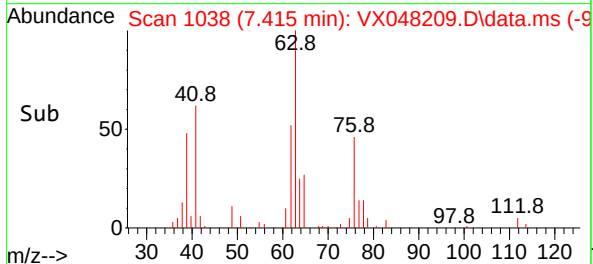
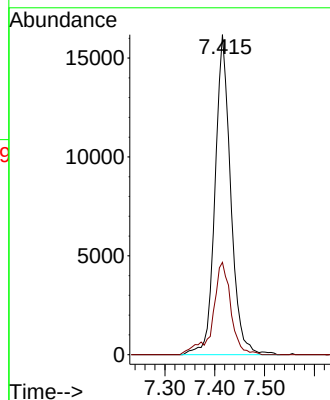
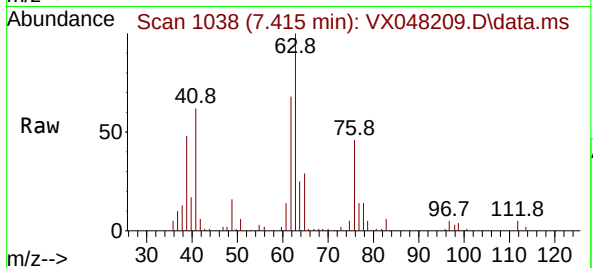
ClientSampleId :

Tgt Ion: 63 Resp: 35357

Ion Ratio Lower Upper

63 100

65 28.9 24.1 36.1



#46

Dibromomethane

Concen: 19.098 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

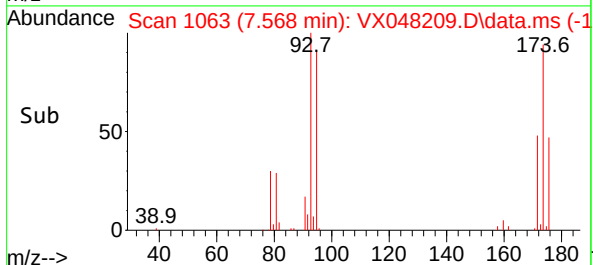
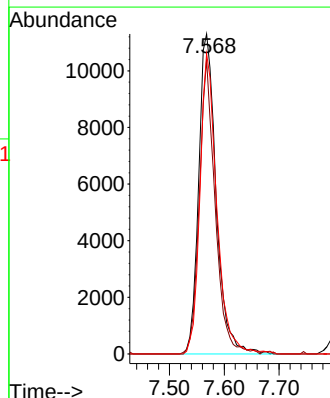
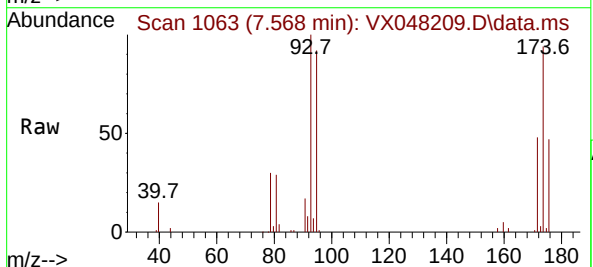
Tgt Ion: 93 Resp: 25130

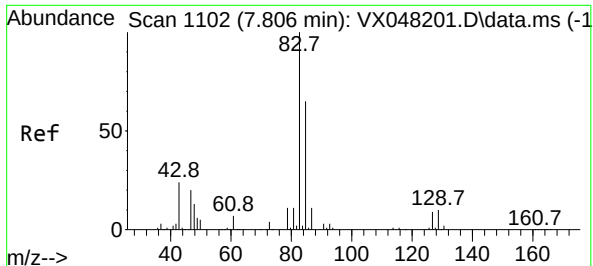
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 90.7 71.7 107.5

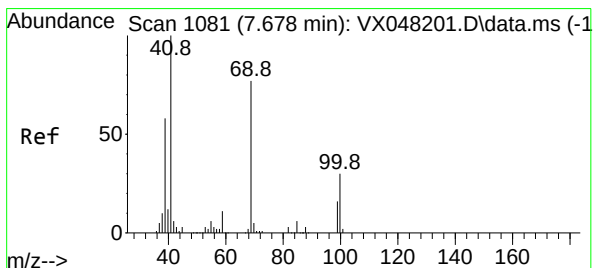
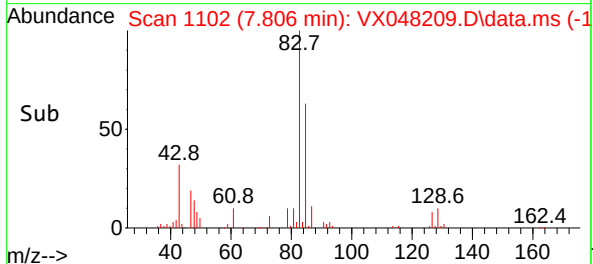
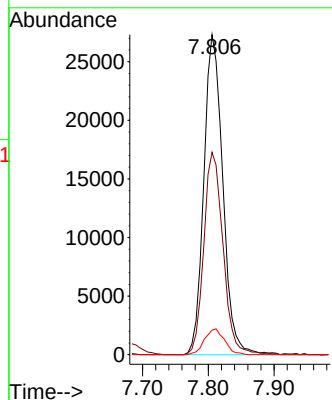
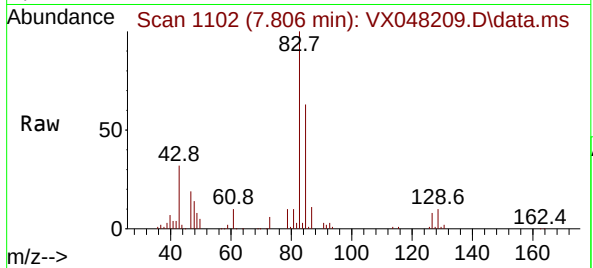




#47
Bromodichloromethane
Concen: 19.305 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

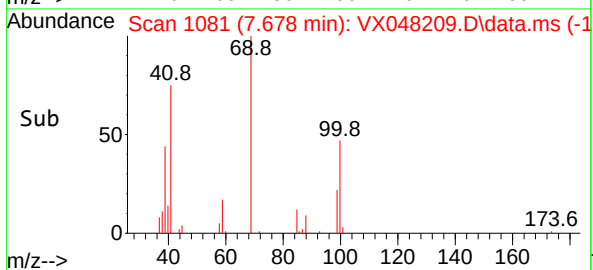
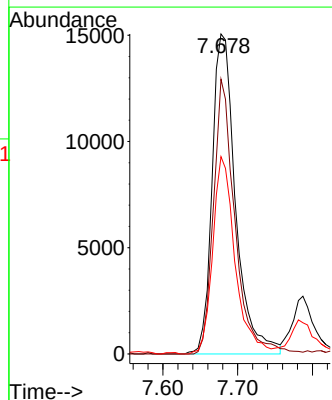
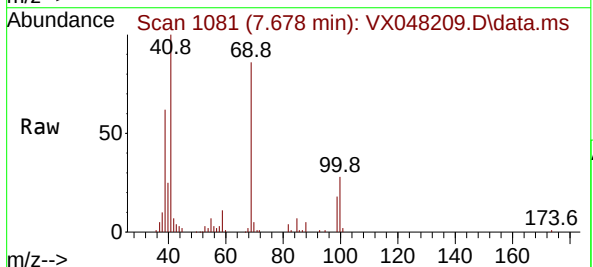
Instrument :
MSVOA_X
ClientSampleId :

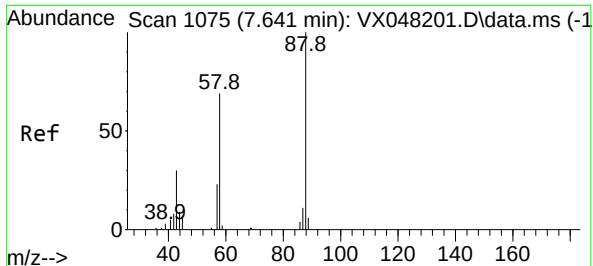
Tgt Ion: 83 Resp: 54902
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 7.6 7.3 10.9



#48
Methyl methacrylate
Concen: 19.672 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 41 Resp: 32876
Ion Ratio Lower Upper
41 100
69 78.7 63.4 95.0
39 58.5 47.1 70.7





#49

1,4-Dioxane

Concen: 451.757 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048209.D

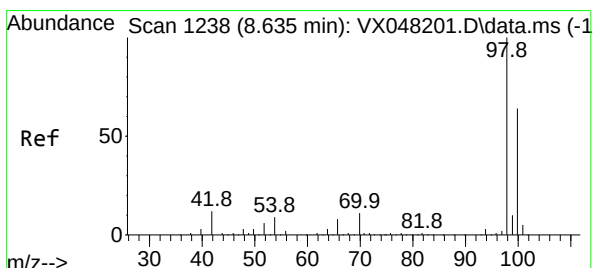
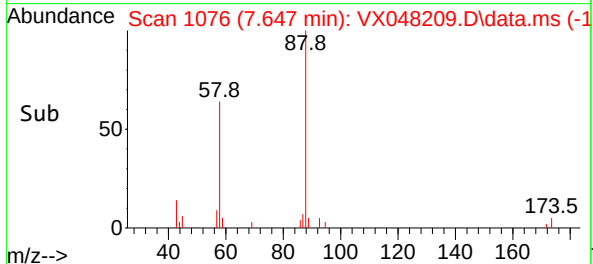
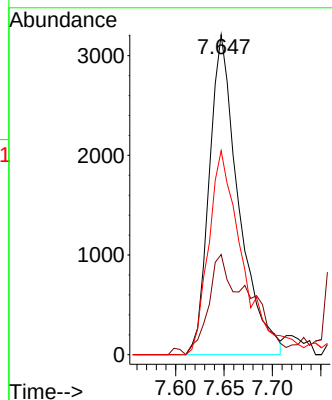
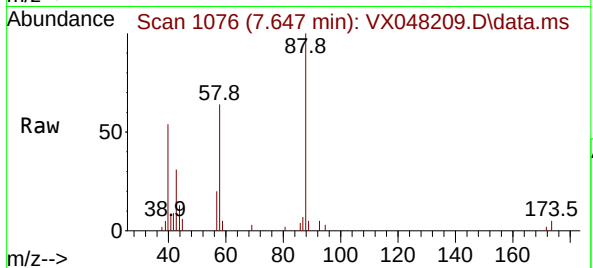
Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	6796
Ion	Ratio	Lower	Upper
88	100		
43	43.7	35.0	52.4
58	74.0	61.9	92.9



#50

Toluene-d8

Concen: 48.107 ug/l

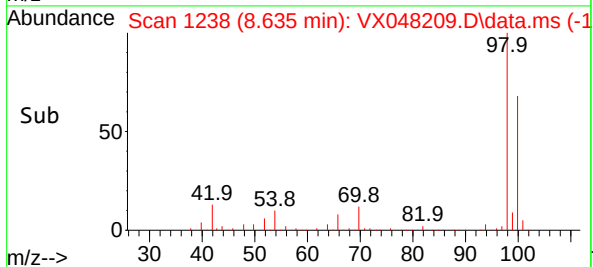
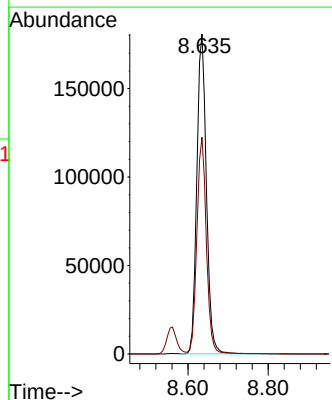
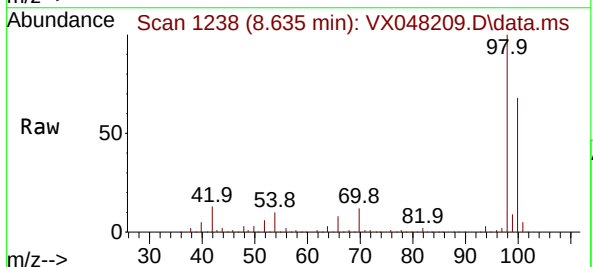
RT: 8.635 min Scan# 1238

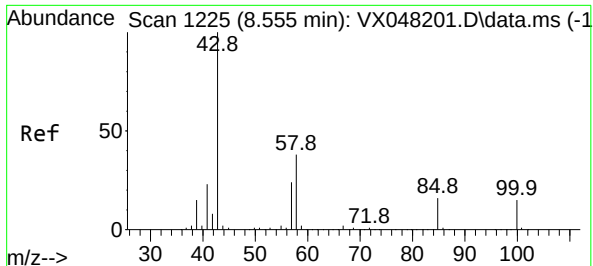
Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Tgt Ion:	98	Resp:	299387
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 105.205 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

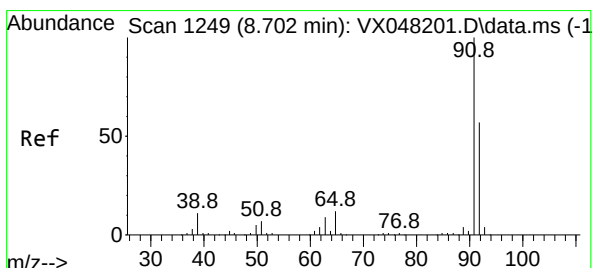
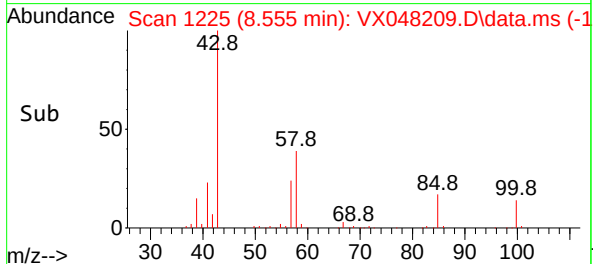
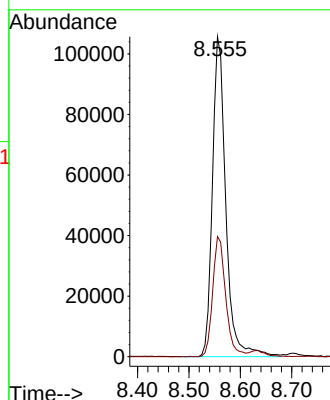
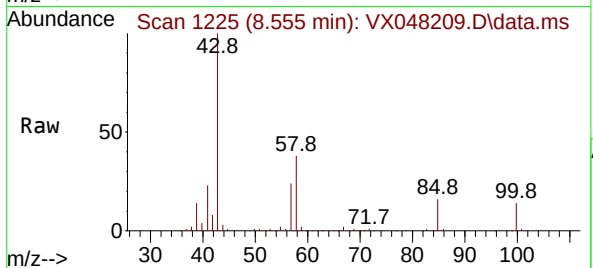
ClientSampleId :

Tgt Ion: 43 Resp: 191122

Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3



#52

Toluene

Concen: 20.141 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VX048209.D

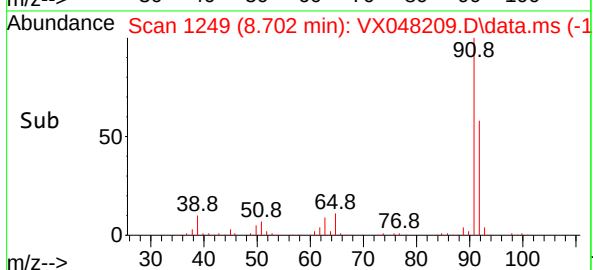
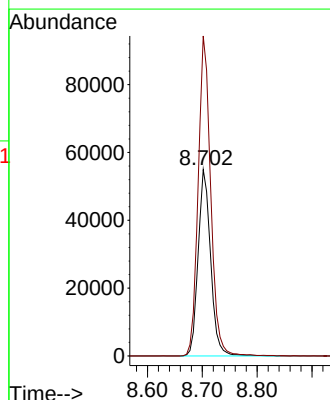
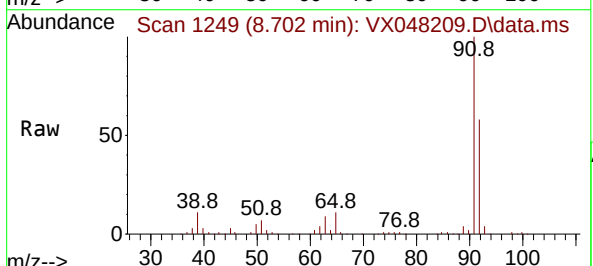
Acq: 17 Oct 2025 14:03

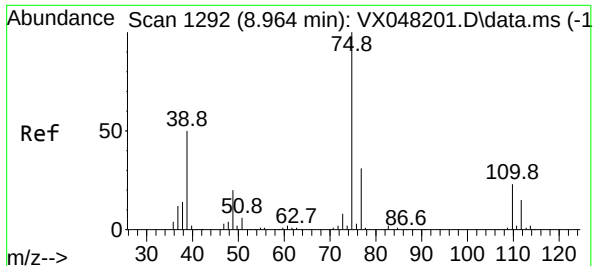
Tgt Ion: 92 Resp: 87476

Ion Ratio Lower Upper

92 100

91 171.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.354 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

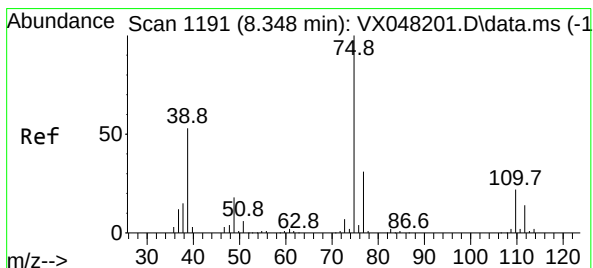
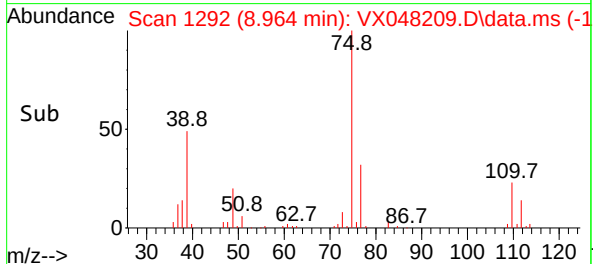
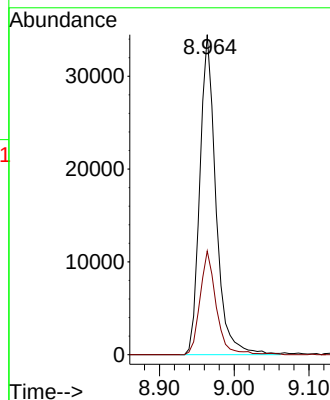
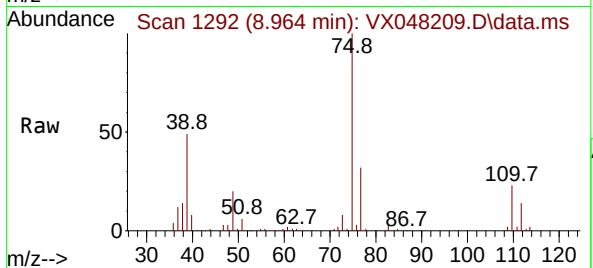
ClientSampleId :

Tgt Ion: 75 Resp: 51564

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.512 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

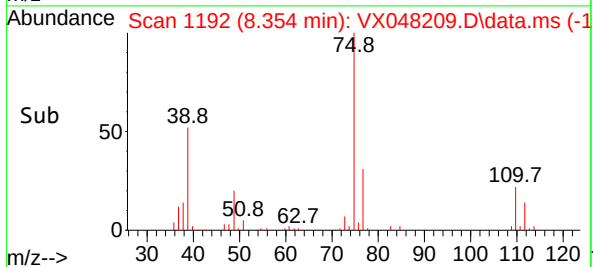
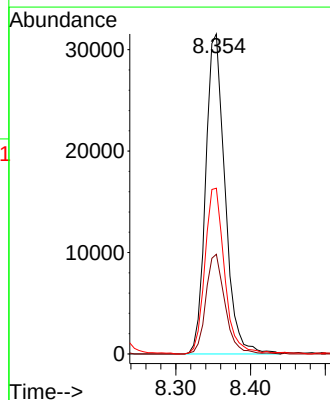
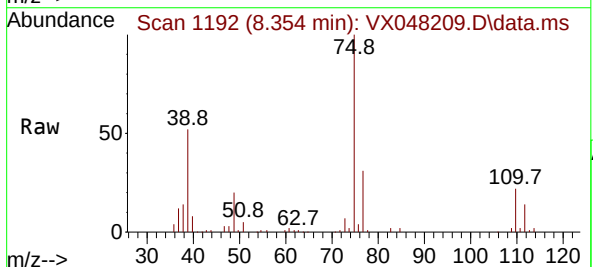
Tgt Ion: 75 Resp: 56663

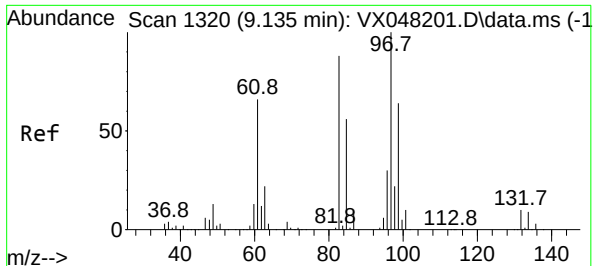
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

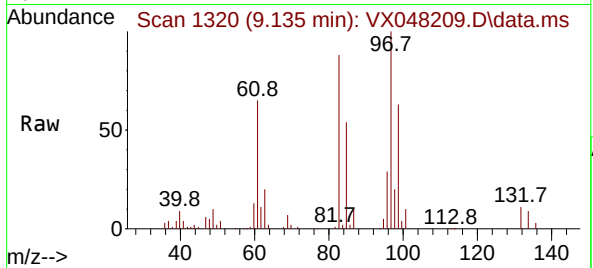
39 51.8 42.6 64.0





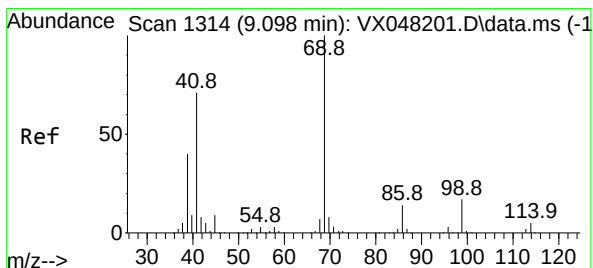
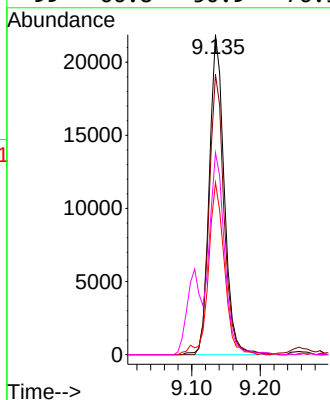
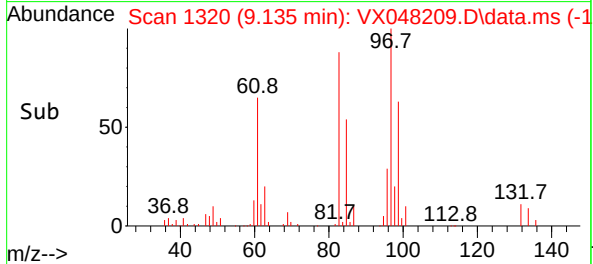
#55
 1,1,2-Trichloroethane
 Concen: 20.571 ug/l
 RT: 9.135 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

Instrument :
 MSVOA_X
 ClientSampleId :

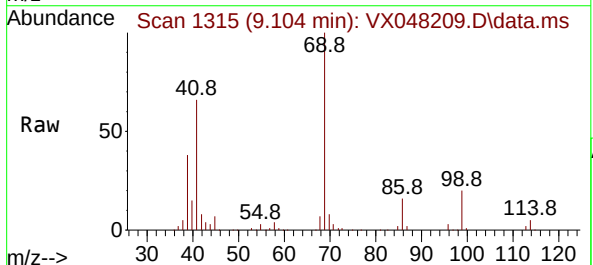


Tgt Ion: 97 Resp: 33335

Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.6	105.8
85	53.8	45.0	67.6
99	66.8	50.9	76.3

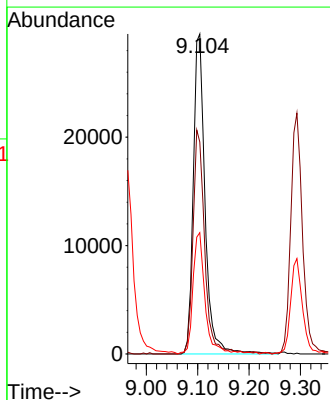
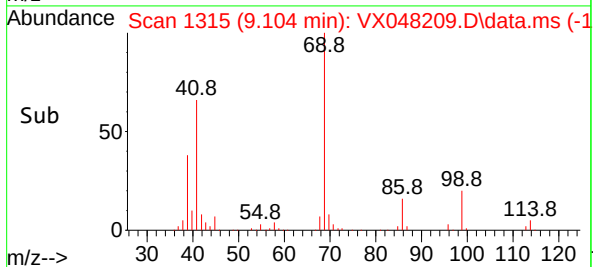


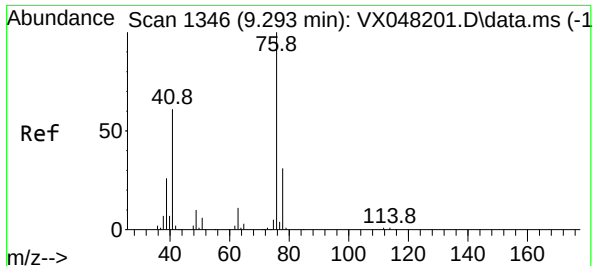
#56
 Ethyl methacrylate
 Concen: 21.397 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03



Tgt Ion: 69 Resp: 47159

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.0	84.0
39	39.4	31.6	47.4





#57

1,3-Dichloropropane

Concen: 20.319 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

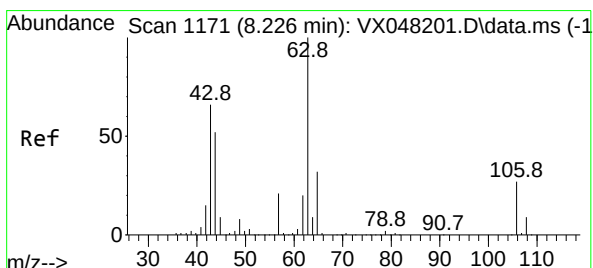
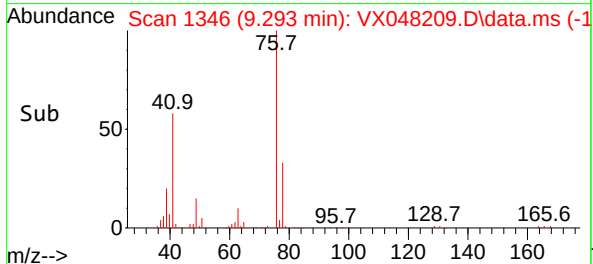
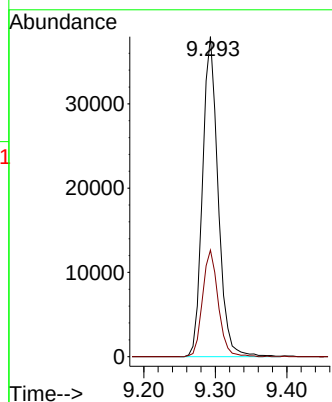
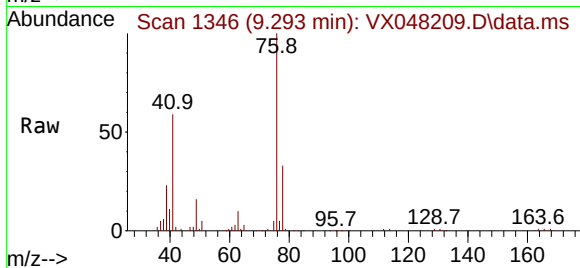
ClientSampleId :

Tgt Ion: 76 Resp: 57528

Ion Ratio Lower Upper

76 100

78 33.4 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.367 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048209.D

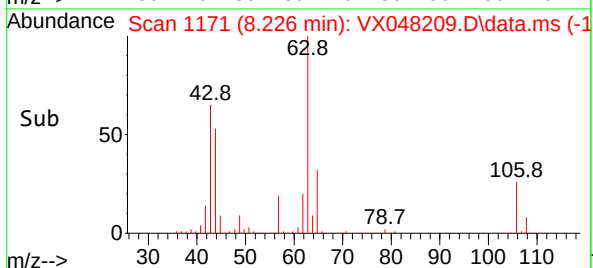
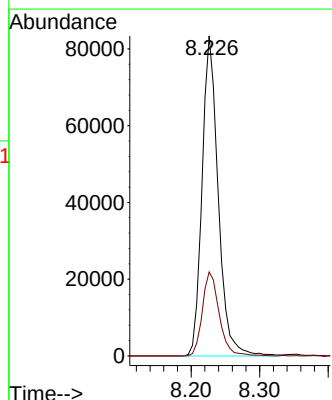
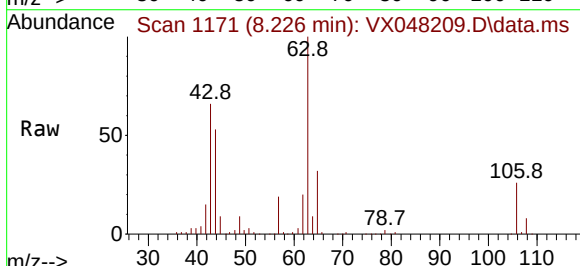
Acq: 17 Oct 2025 14:03

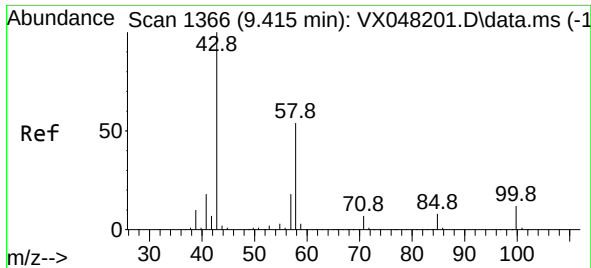
Tgt Ion: 63 Resp: 136897

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2

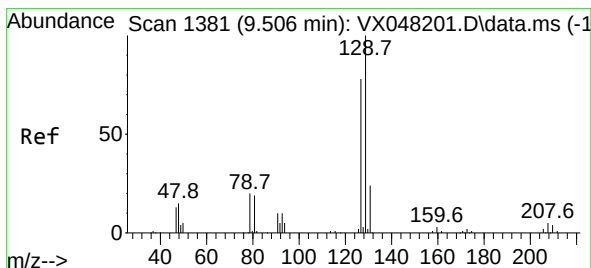
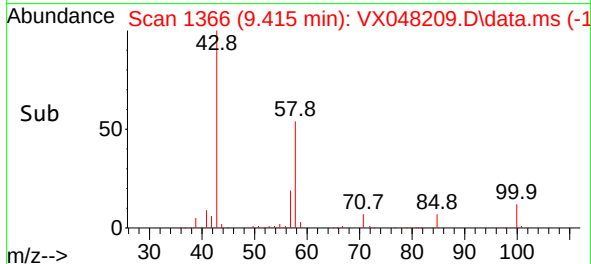
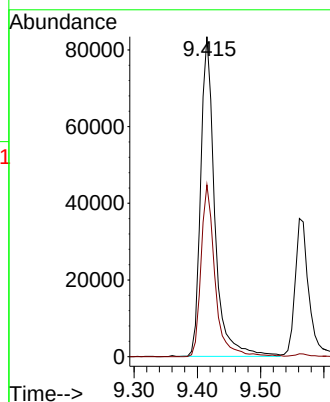
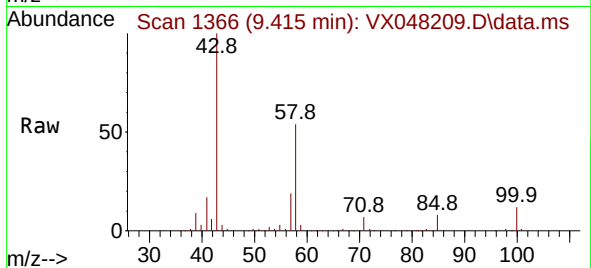




#59
2-Hexanone
Concen: 101.935 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

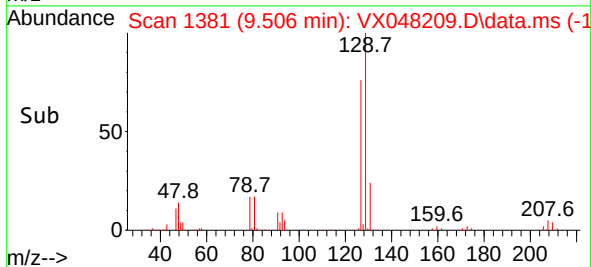
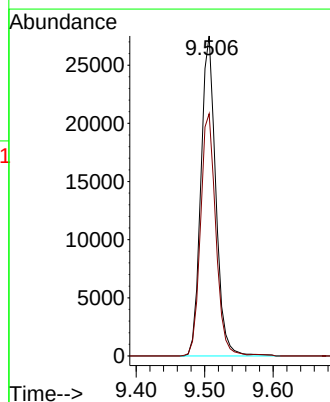
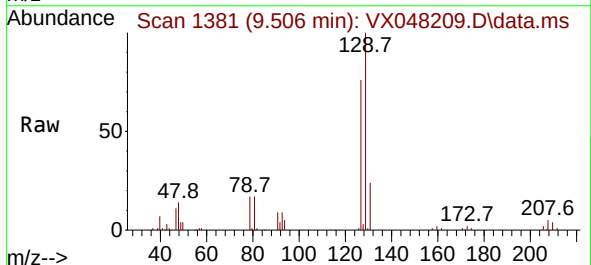
Instrument :
MSVOA_X
ClientSampleId :

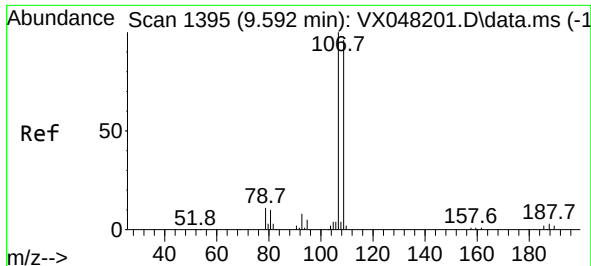
Tgt Ion: 43 Resp: 129529
Ion Ratio Lower Upper
43 100
58 53.6 26.3 78.8



#60
Dibromochloromethane
Concen: 20.548 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 129 Resp: 41679
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7

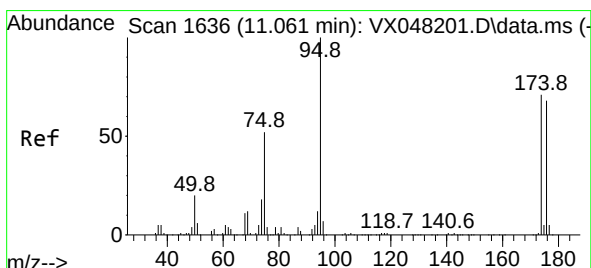
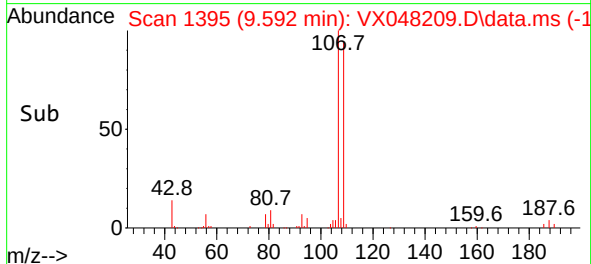
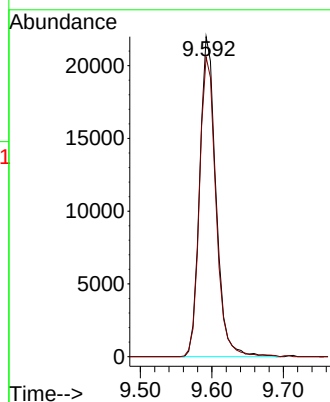
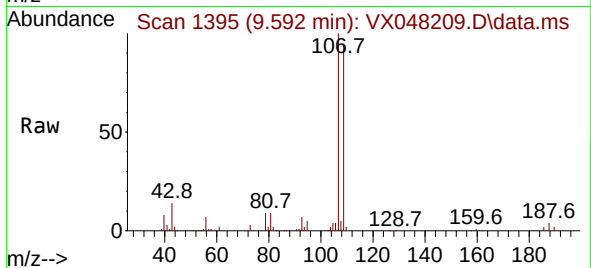




#61
1,2-Dibromoethane
Concen: 20.914 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

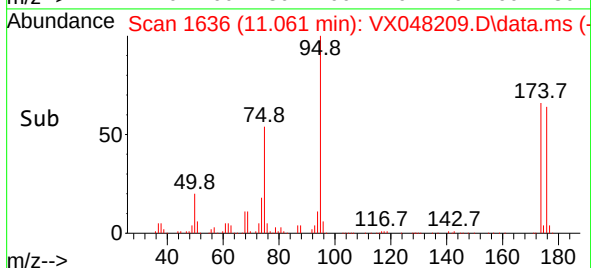
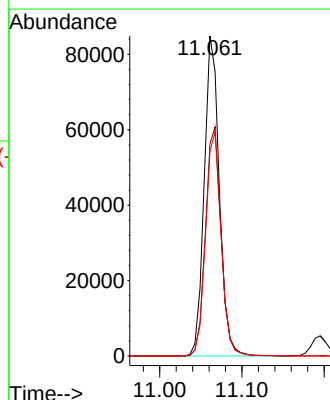
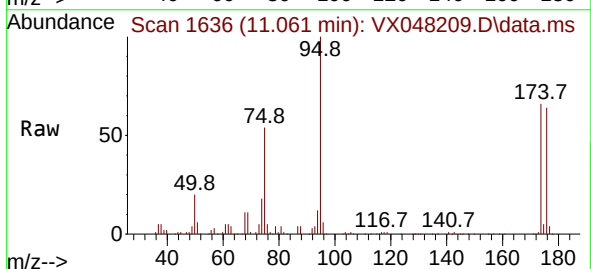
Instrument :
MSVOA_X
ClientSampleId :

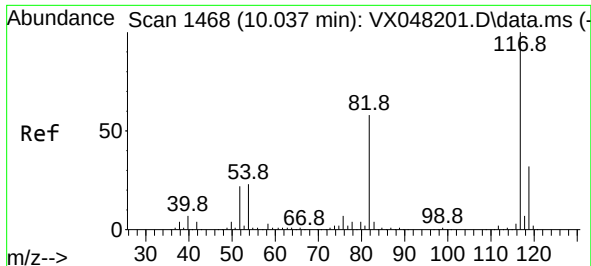
Tgt Ion:107 Resp: 34752
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 47.853 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

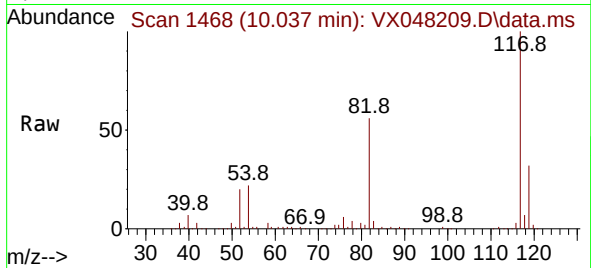
Tgt Ion: 95 Resp: 108470
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.6 0.0 142.8



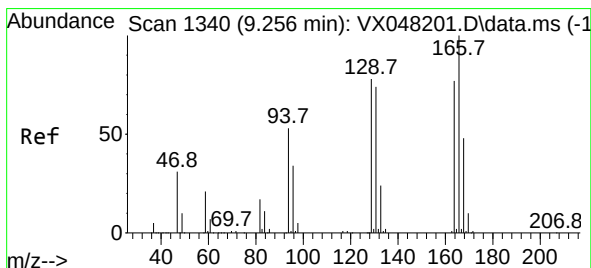
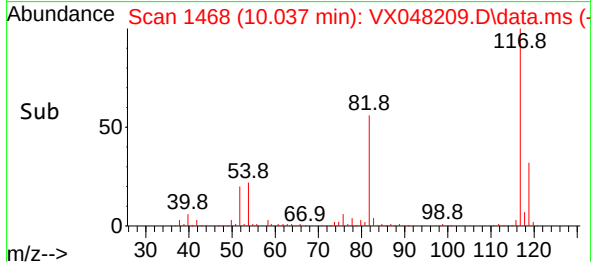
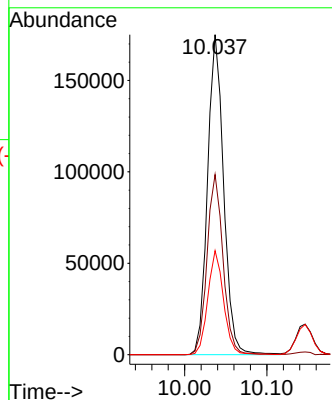


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :

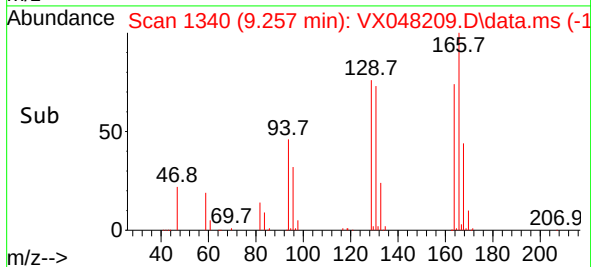
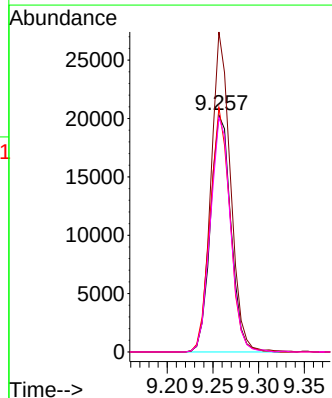
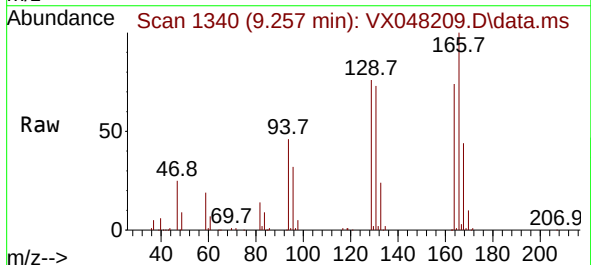


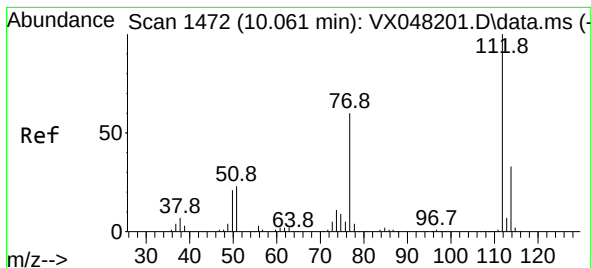
Tgt Ion:117 Resp: 238012
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:164 Resp: 31547
Ion Ratio Lower Upper
164 100
166 135.2 104.5 156.7
129 103.3 81.8 122.6
131 99.0 77.0 115.6





#65

Chlorobenzene

Concen: 19.252 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

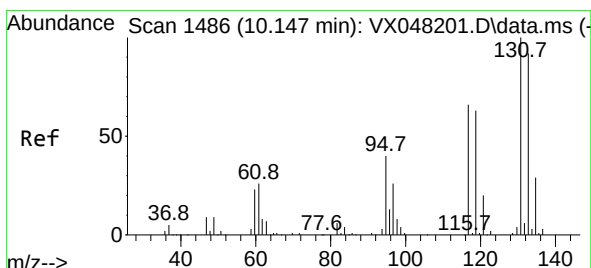
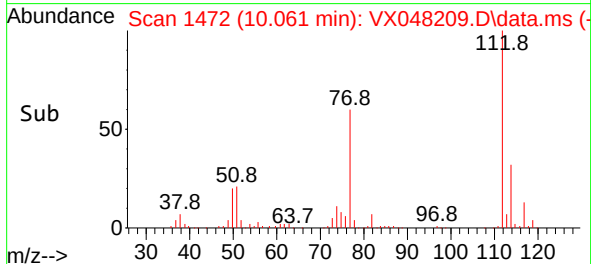
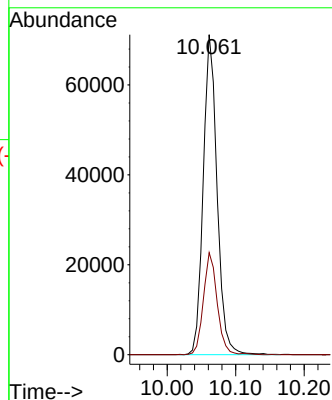
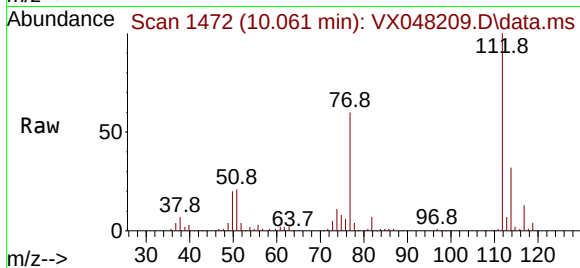
ClientSampleId :

Tgt Ion:112 Resp: 100187

Ion Ratio Lower Upper

112 100

114 31.9 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 18.802 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

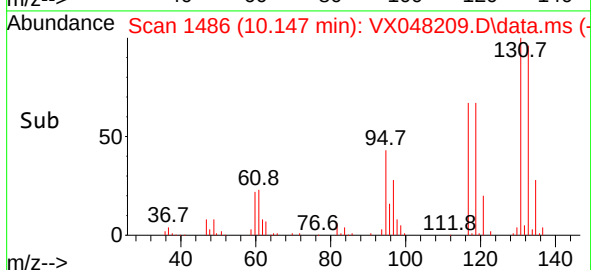
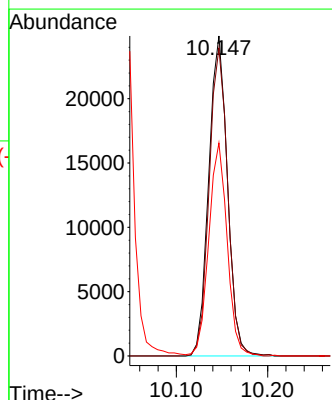
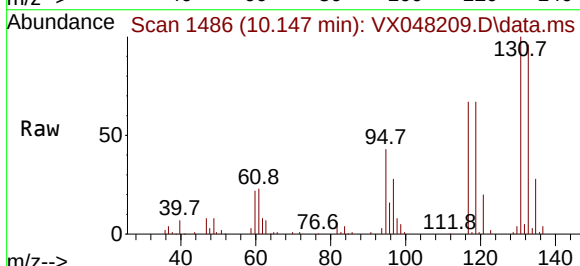
Tgt Ion:131 Resp: 35260

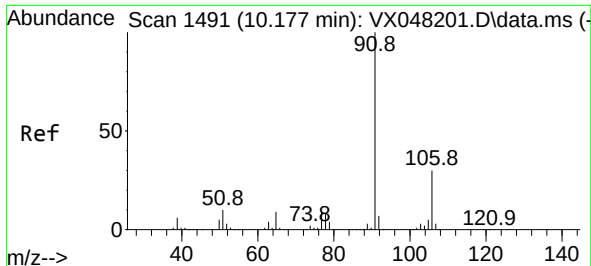
Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.8

119 65.5 32.5 97.5





#67

Ethyl Benzene

Concen: 19.361 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

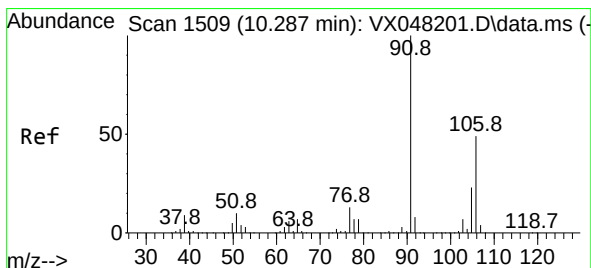
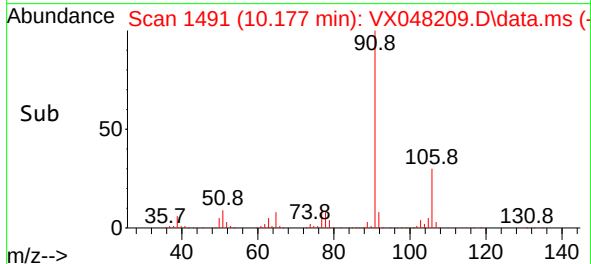
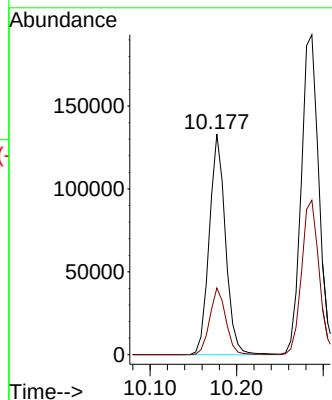
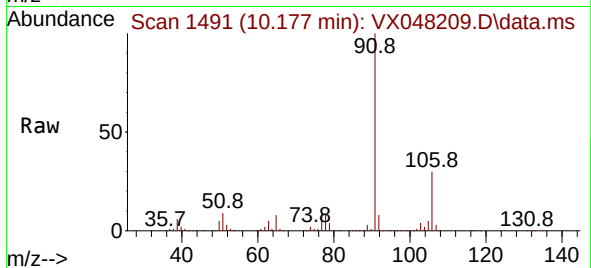
ClientSampleId :

Tgt Ion: 91 Resp: 172737

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 39.531 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048209.D

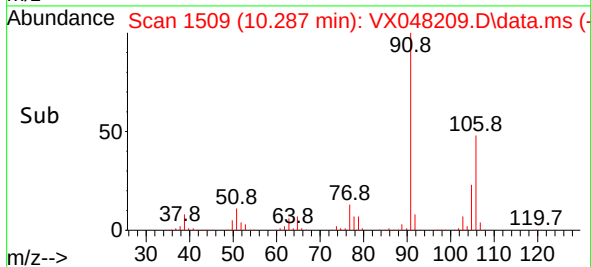
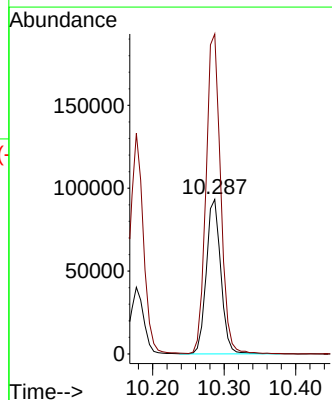
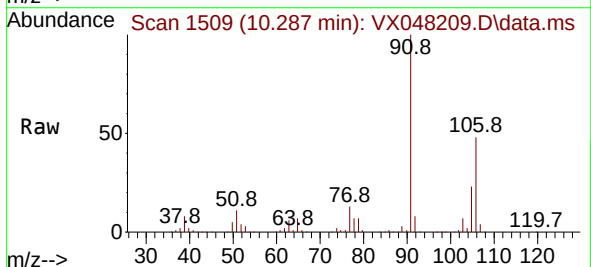
Acq: 17 Oct 2025 14:03

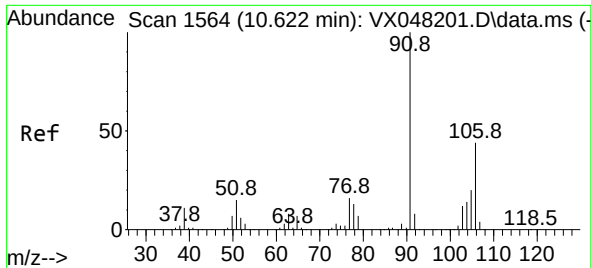
Tgt Ion: 106 Resp: 131393

Ion Ratio Lower Upper

106 100

91 209.4 167.9 251.9

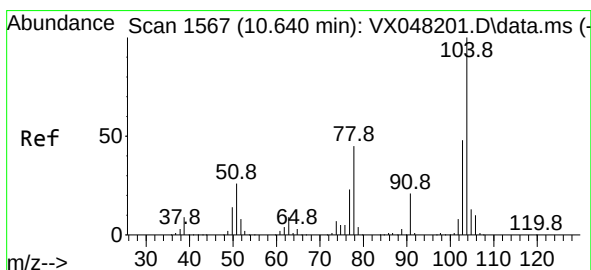
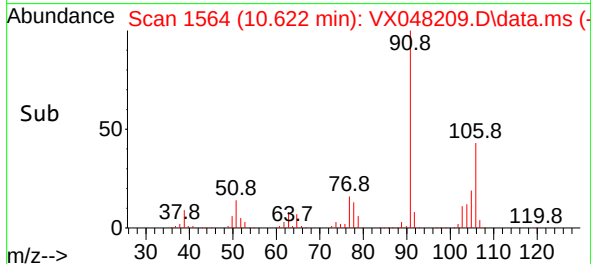
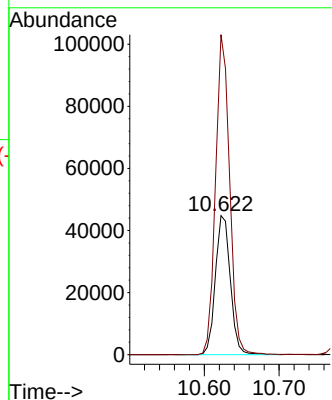
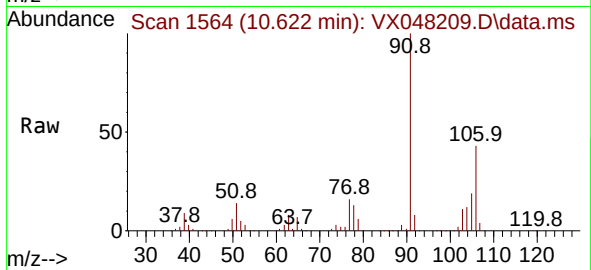




#69
o-Xylene
Concen: 19.873 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

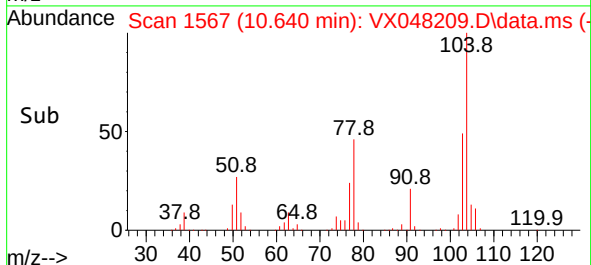
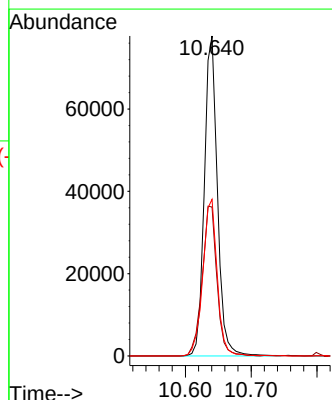
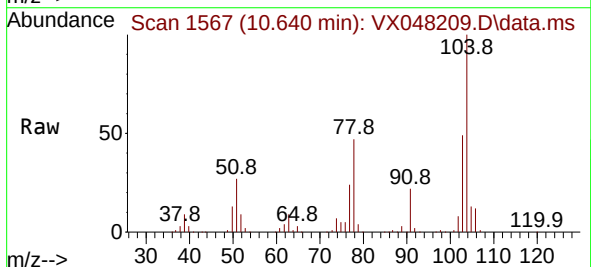
Instrument :
MSVOA_X
ClientSampleId :

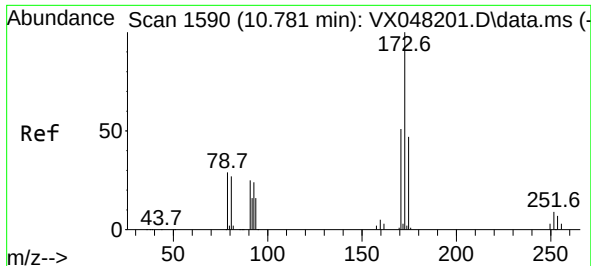
Tgt Ion:106 Resp: 62181
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9



#70
Styrene
Concen: 20.002 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:104 Resp: 107727
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 53.8 43.0 64.4

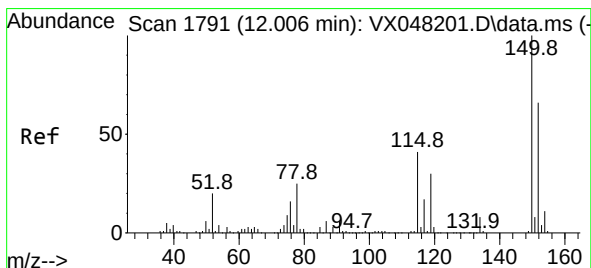
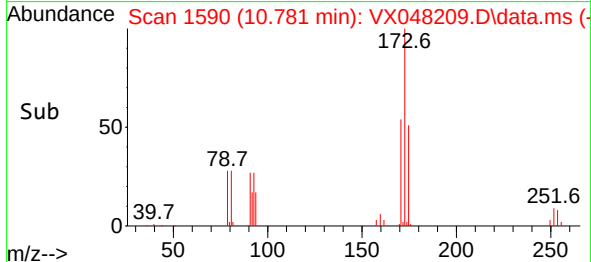
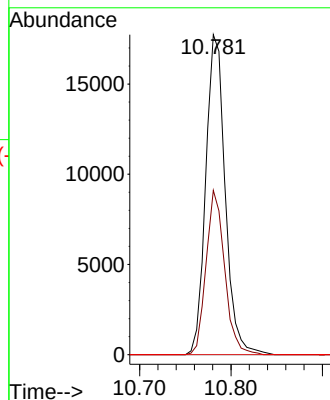
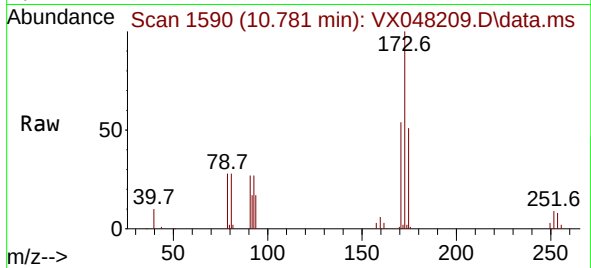




#71
Bromoform
Concen: 18.981 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

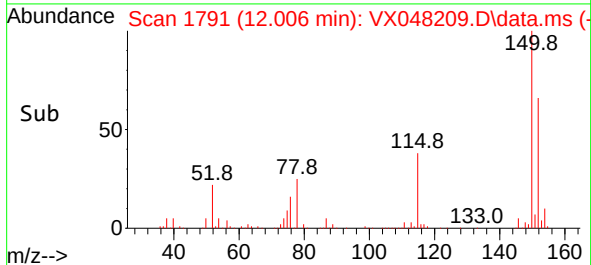
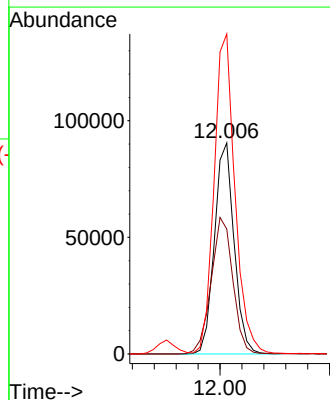
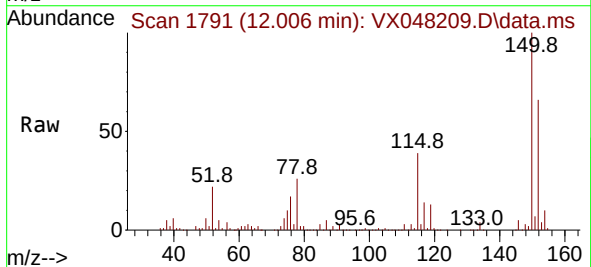
Instrument :
MSVOA_X
ClientSampleId :

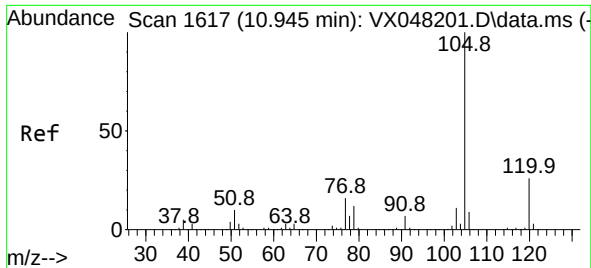
Tgt Ion:173 Resp: 26139
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:152 Resp: 112861
Ion Ratio Lower Upper
152 100
115 71.4 43.1 129.4
150 160.9 0.0 353.0

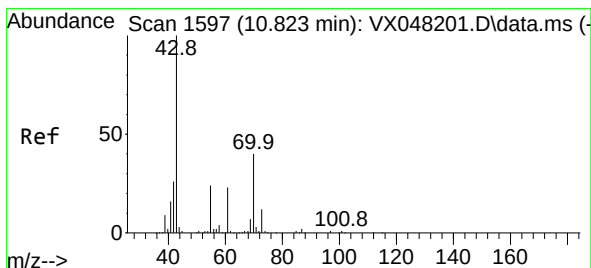
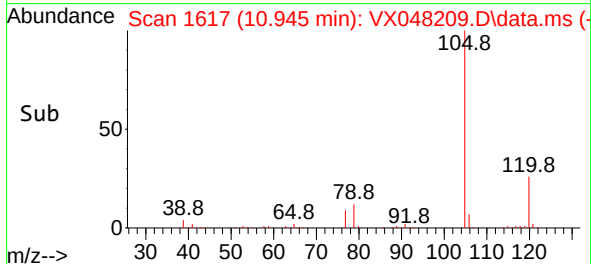
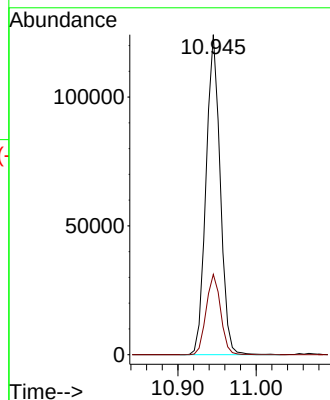
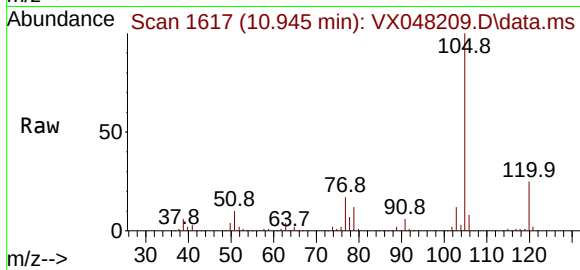




#73
Isopropylbenzene
Concen: 19.810 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

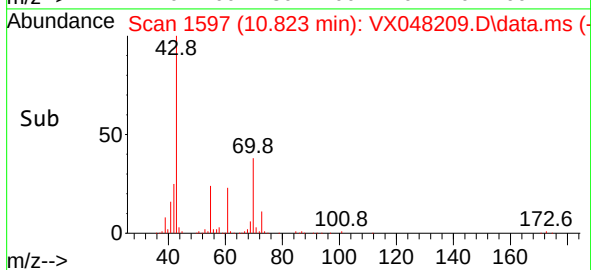
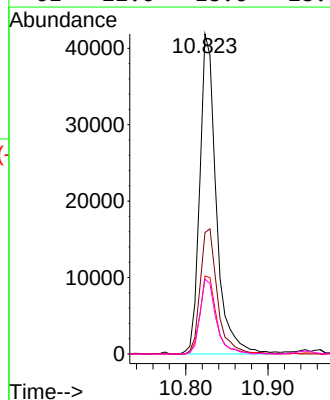
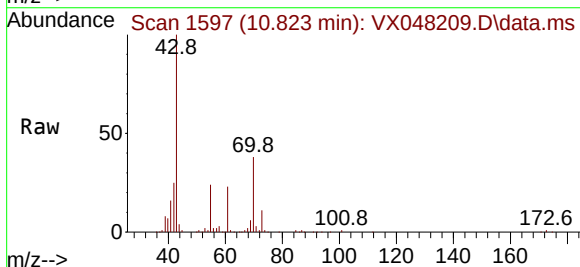
Instrument :
MSVOA_X
ClientSampleId :

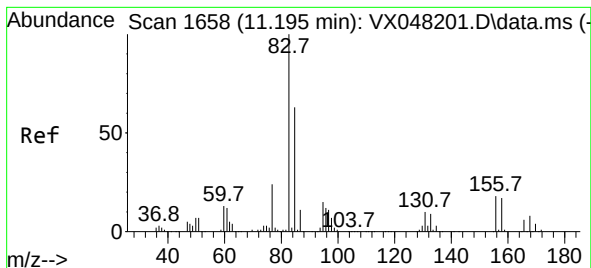
Tgt Ion:105 Resp: 155506
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9



#74
N-ethyl acetate
Concen: 20.007 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 58589
Ion Ratio Lower Upper
43 100
70 40.8 32.2 48.2
55 24.3 19.1 28.7
61 22.6 18.6 28.0

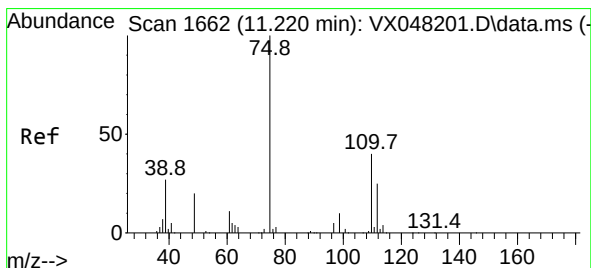
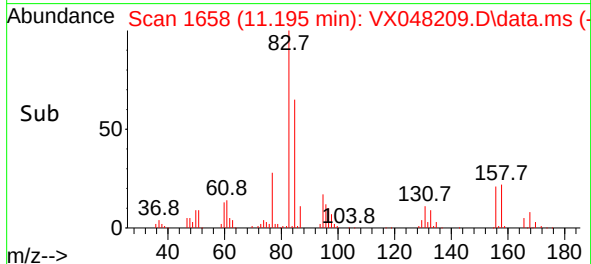
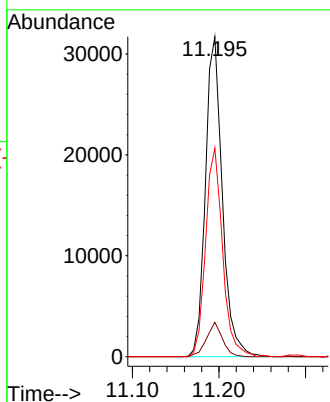
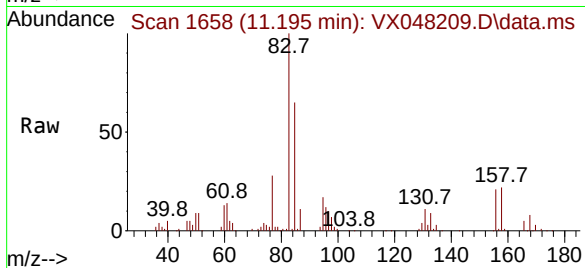




#75
1,1,2,2-Tetrachloroethane
Concen: 19.324 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

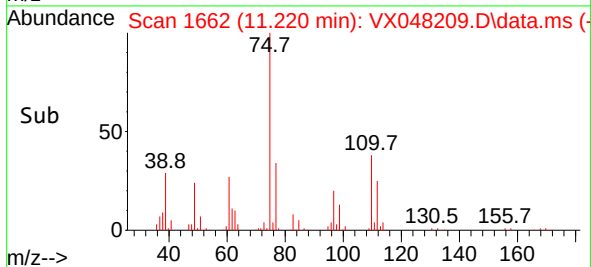
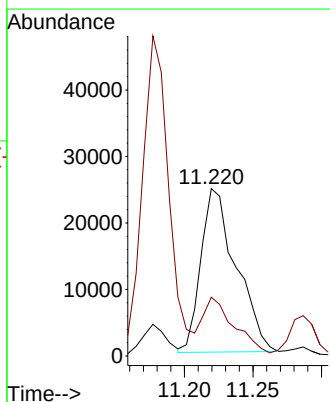
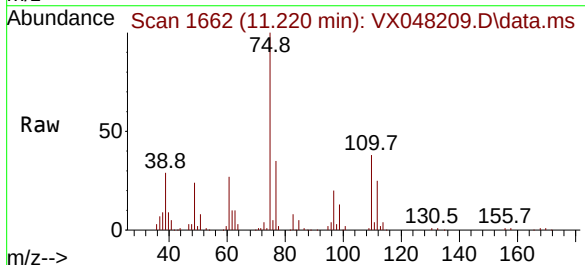
Instrument :
MSVOA_X
ClientSampleId :

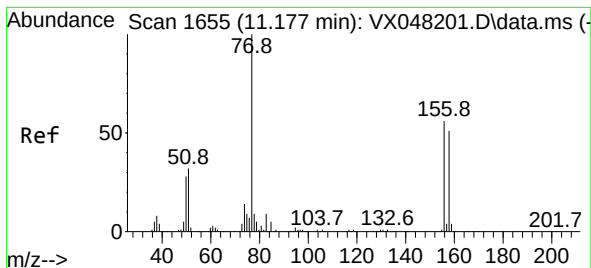
Tgt Ion: 83 Resp: 42974
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 65.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 25.616 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 44148
Ion Ratio Lower Upper
75 100
77 32.2 22.4 67.2





#77

Bromobenzene

Concen: 18.781 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

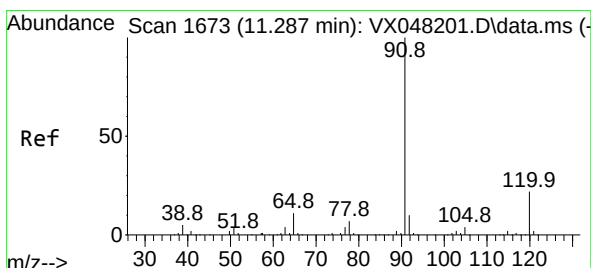
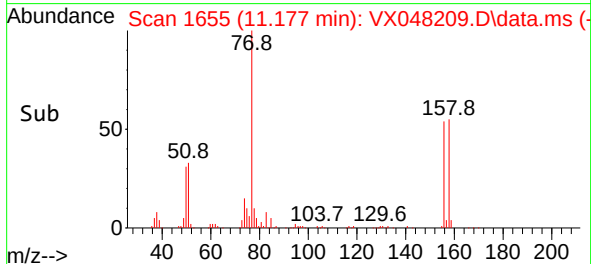
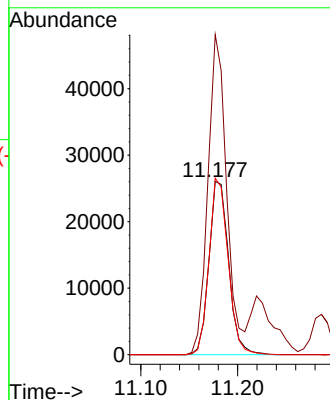
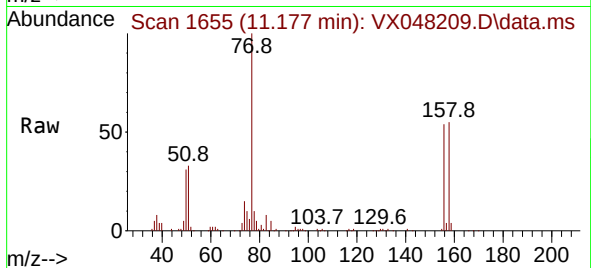
Tgt Ion:156 Resp: 36894

Ion Ratio Lower Upper

156 100

77 176.1 87.0 261.0

158 99.0 47.8 143.4



#78

n-propylbenzene

Concen: 19.833 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048209.D

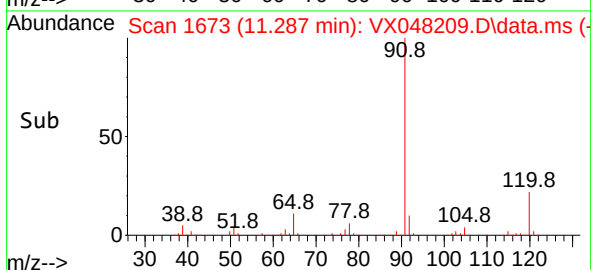
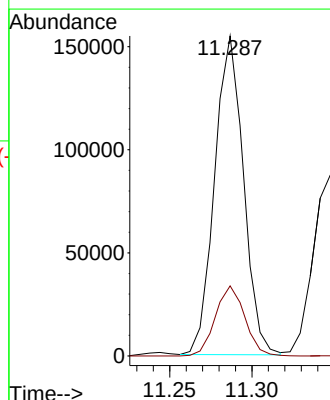
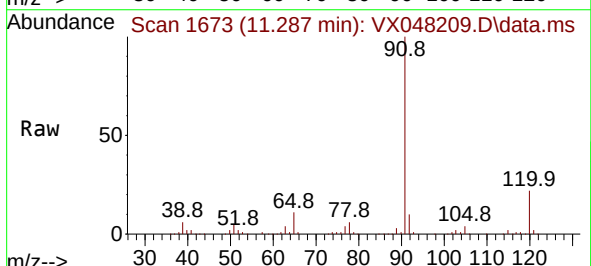
Acq: 17 Oct 2025 14:03

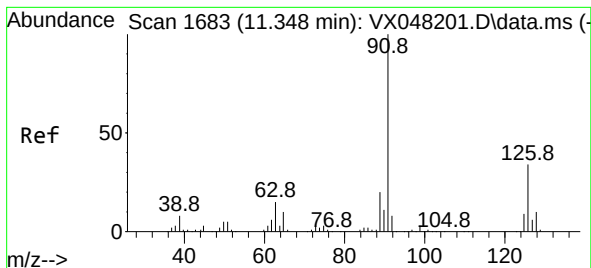
Tgt Ion: 91 Resp: 188796

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 19.463 ug/l

RT: 11.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

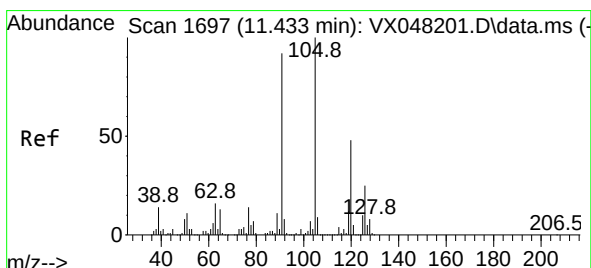
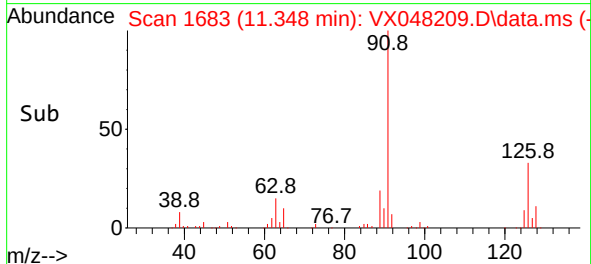
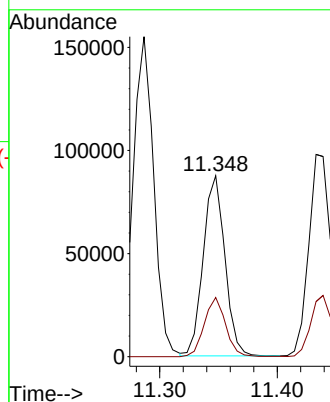
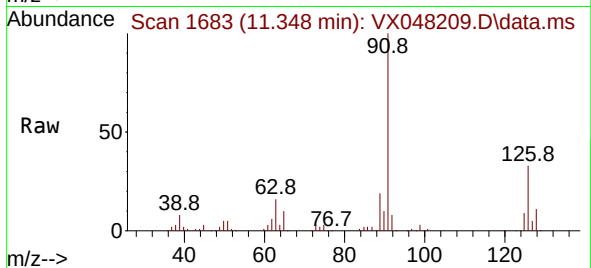
ClientSampleId :

Tgt Ion: 91 Resp: 111935

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.019 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048209.D

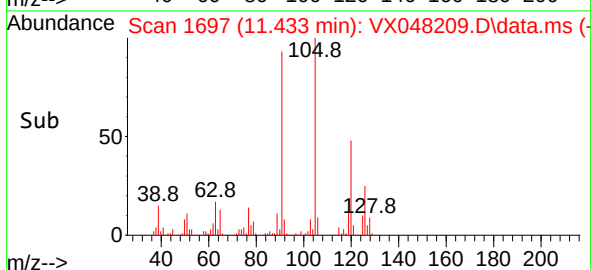
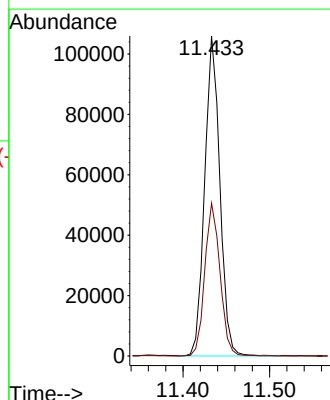
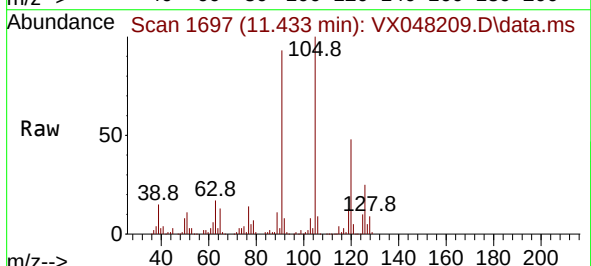
Acq: 17 Oct 2025 14:03

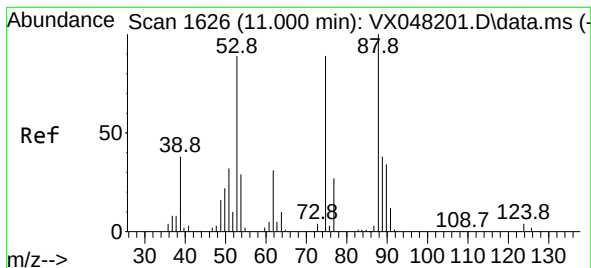
Tgt Ion:105 Resp: 128993

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0

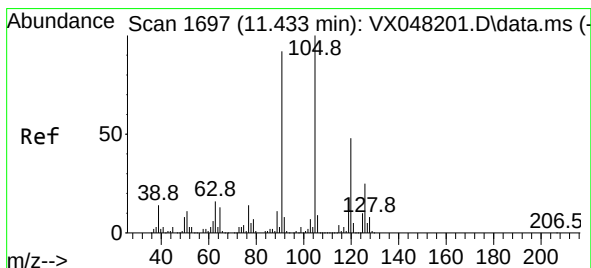
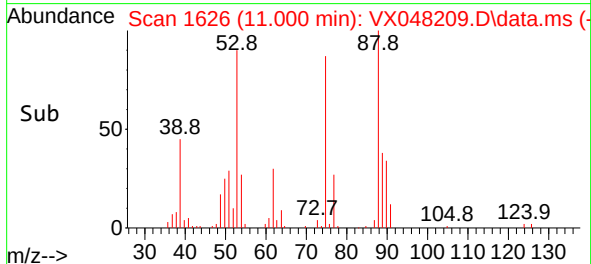
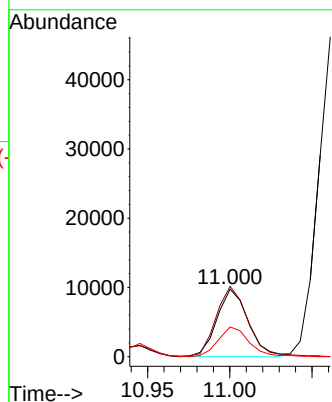
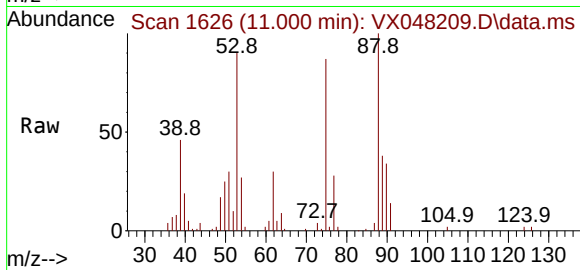




#81
trans-1,4-Dichloro-2-butene
Concen: 18.325 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

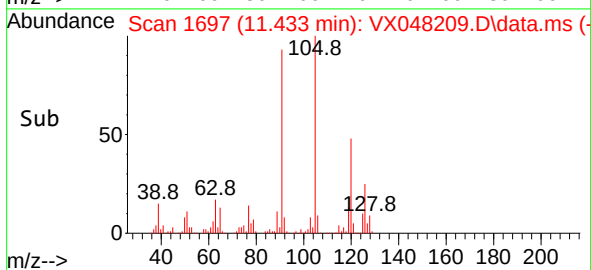
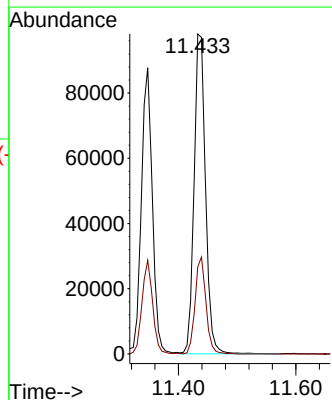
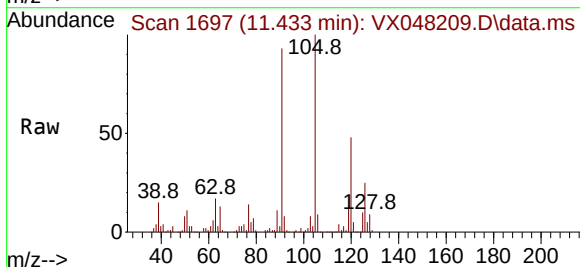
Instrument :
MSVOA_X
ClientSampleId :

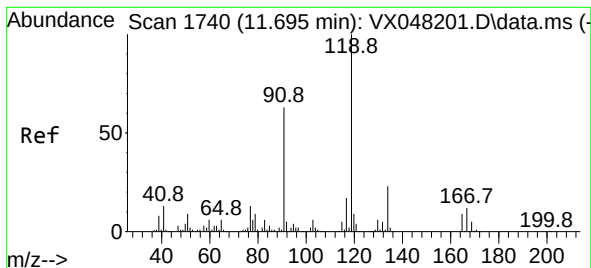
Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.5	79.5	119.3
89	43.7	36.8	55.2



#82
4-Chlorotoluene
Concen: 19.562 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.1	42.4





#83

tert-Butylbenzene

Concen: 19.927 ug/l

RT: 11.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

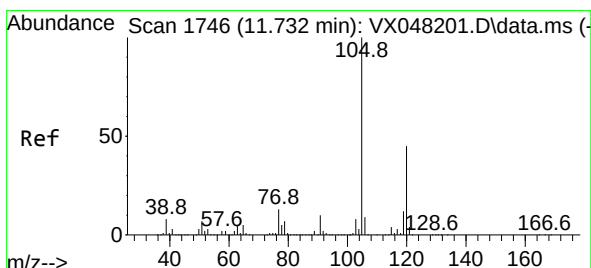
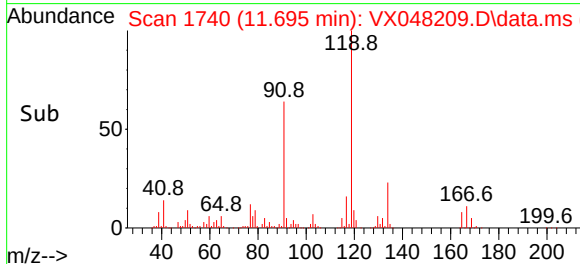
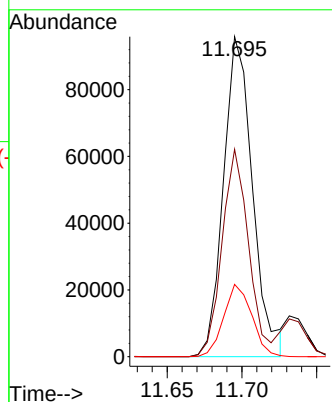
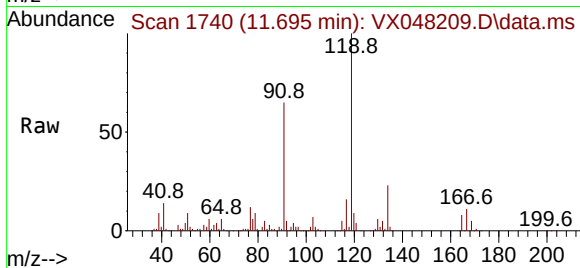
Tgt Ion:119 Resp: 129716

Ion Ratio Lower Upper

119 100

91 59.1 30.3 91.0

134 21.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 20.114 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048209.D

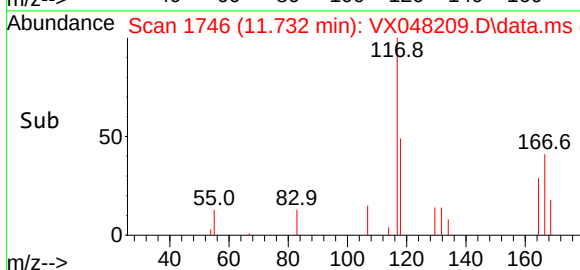
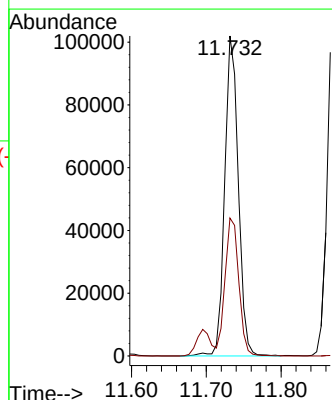
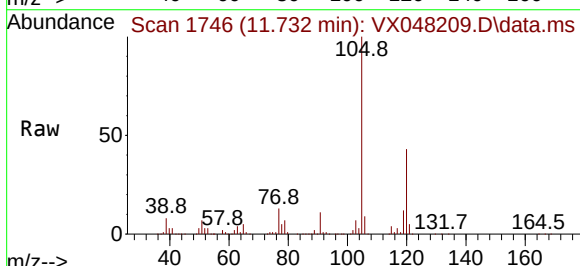
Acq: 17 Oct 2025 14:03

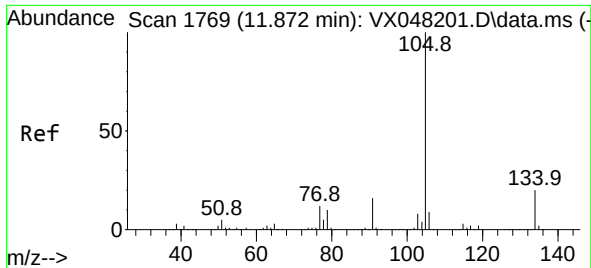
Tgt Ion:105 Resp: 129055

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.5

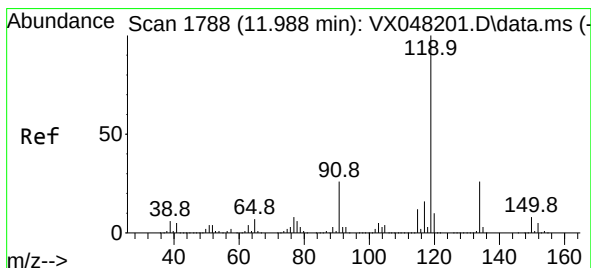
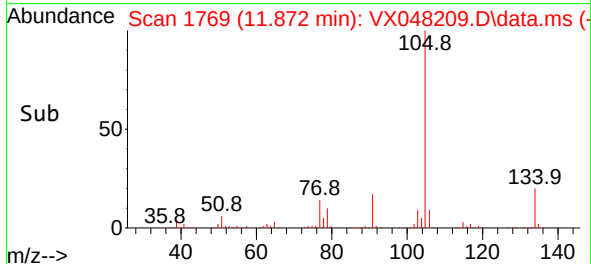
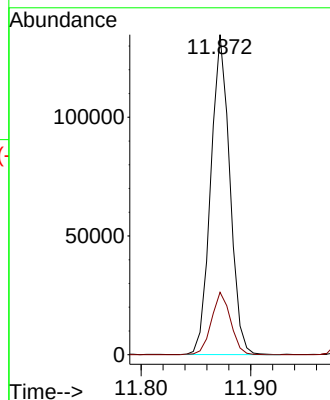
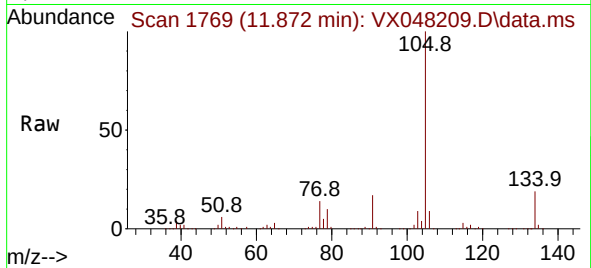




#85
 sec-Butylbenzene
 Concen: 20.438 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

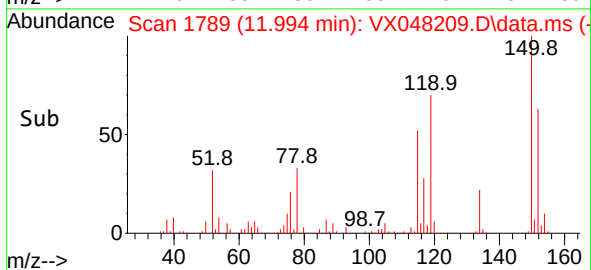
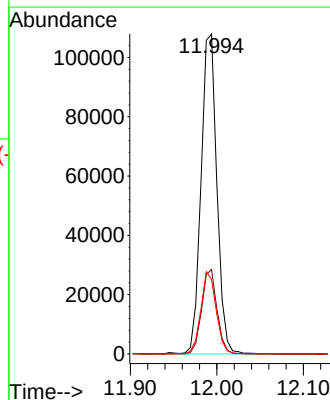
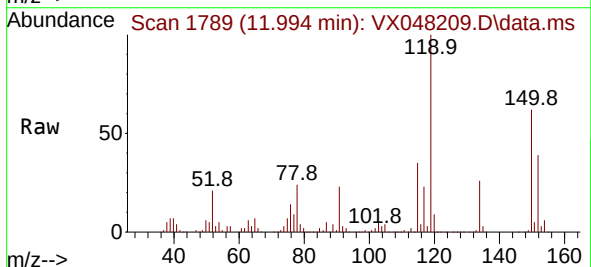
Instrument :
 MSVOA_X
 ClientSampleId :

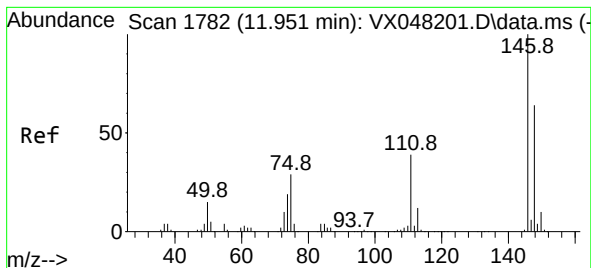
Tgt Ion:105 Resp: 162650
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.362 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

Tgt Ion:119 Resp: 136589
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.994 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

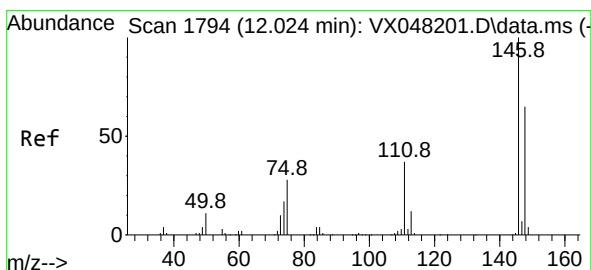
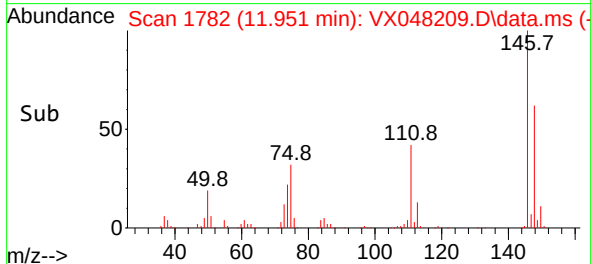
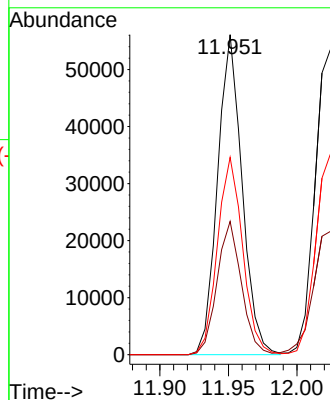
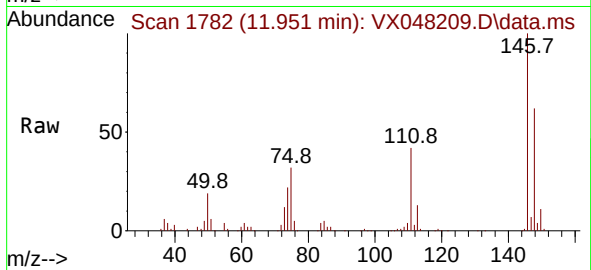
Tgt Ion:146 Resp: 69779

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.2

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.794 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

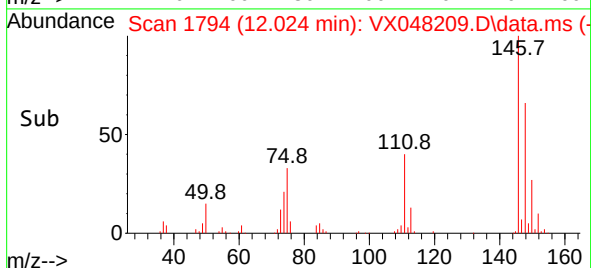
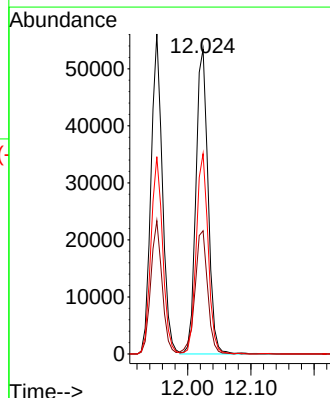
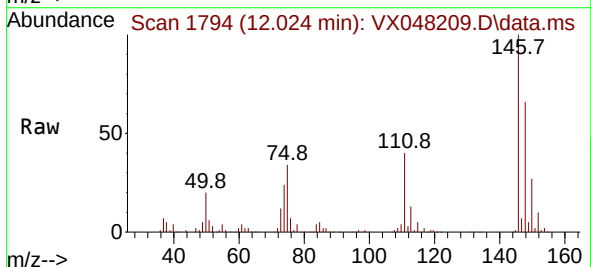
Tgt Ion:146 Resp: 71568

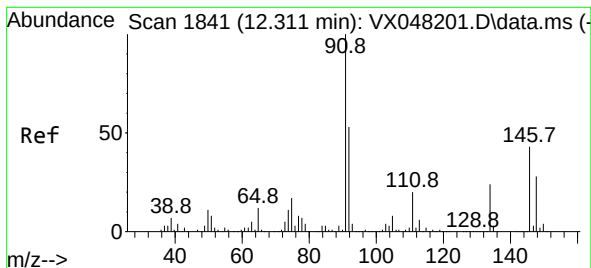
Ion Ratio Lower Upper

146 100

111 42.1 20.1 60.2

148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 19.849 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

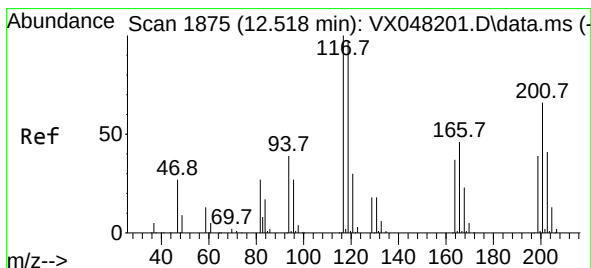
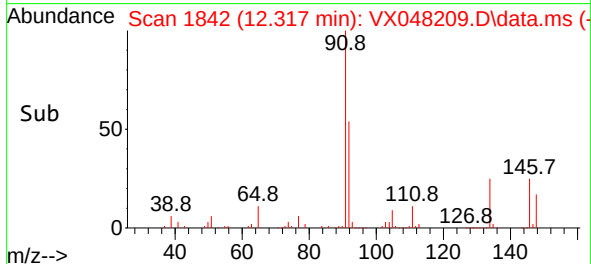
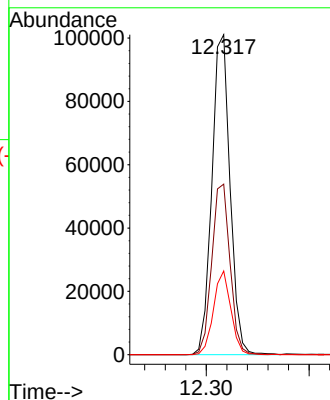
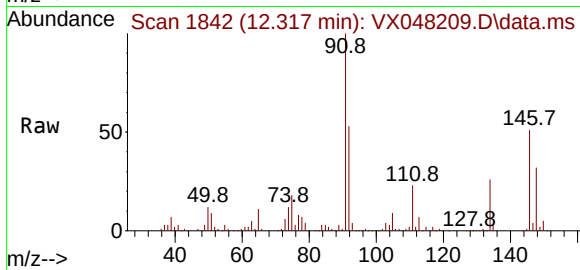
Tgt Ion: 91 Resp: 124016

Ion	Ratio	Lower	Upper
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91	100		
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92	53.6	26.9	80.6
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134	25.0	12.7	38.1
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#90

Hexachloroethane

Concen: 18.632 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048209.D

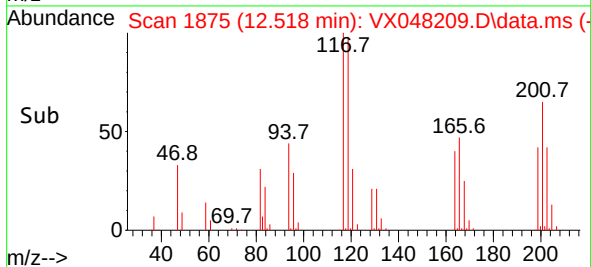
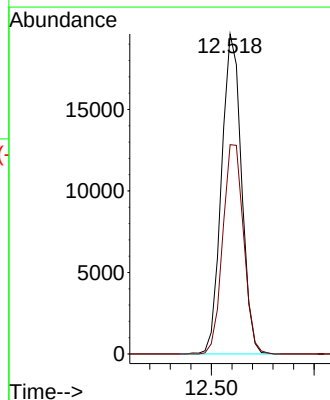
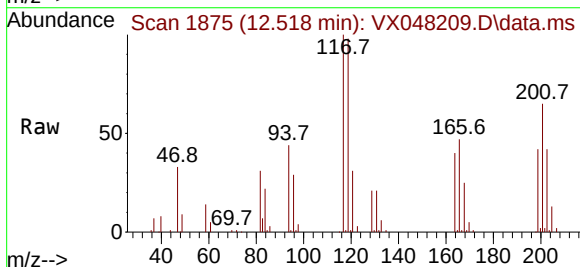
Acq: 17 Oct 2025 14:03

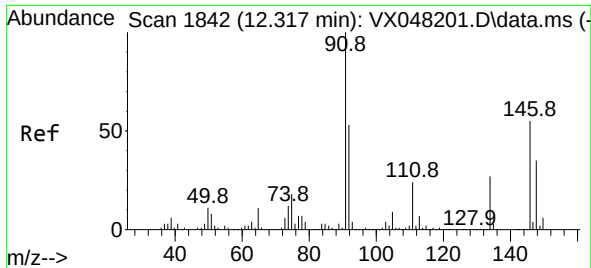
Tgt Ion: 117 Resp: 26380

Ion	Ratio	Lower	Upper
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117	100		
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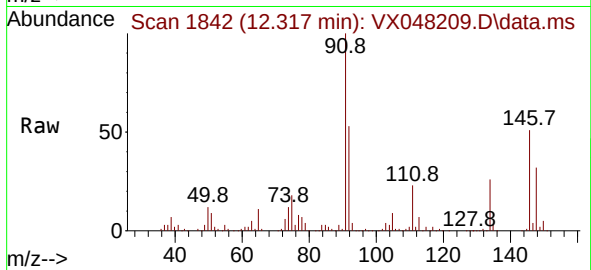
201	68.6	34.1	102.2
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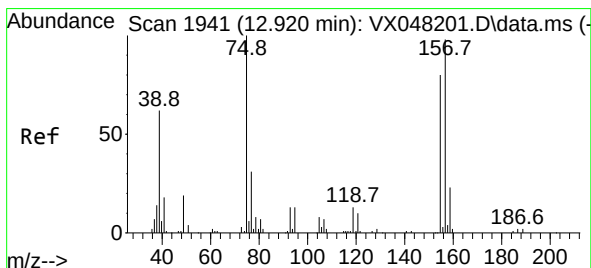
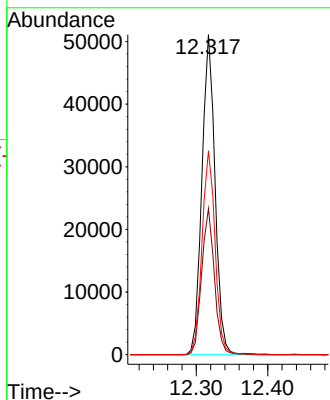
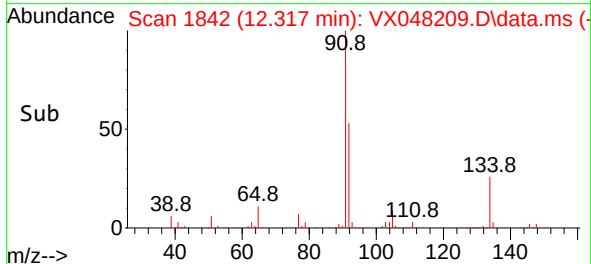


#91
 1,2-Dichlorobenzene
 Concen: 18.851 ug/l
 RT: 12.317 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03

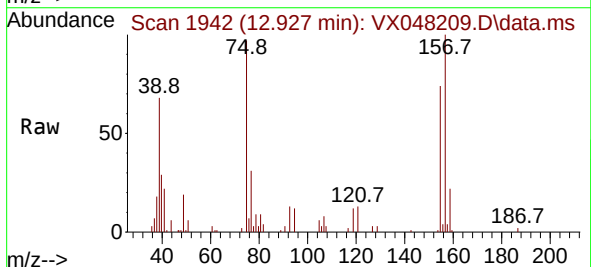
Instrument :
 MSVOA_X
 ClientSampleId :



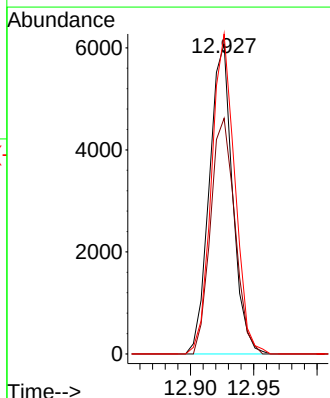
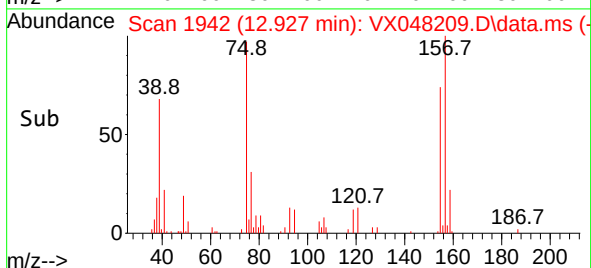
Tgt Ion:146 Resp: 65429
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.9 65.5
 148 63.4 31.9 95.5

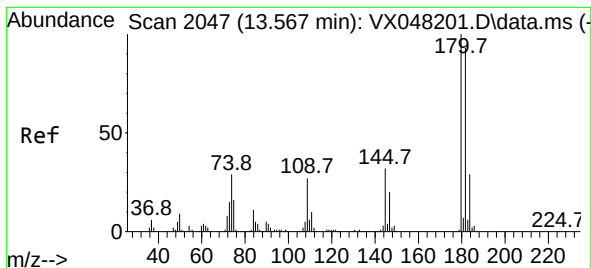


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.040 ug/l
 RT: 12.927 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VX048209.D
 Acq: 17 Oct 2025 14:03



Tgt Ion: 75 Resp: 7737
 Ion Ratio Lower Upper
 75 100
 155 79.6 42.8 128.4
 157 103.6 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 19.110 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048209.D

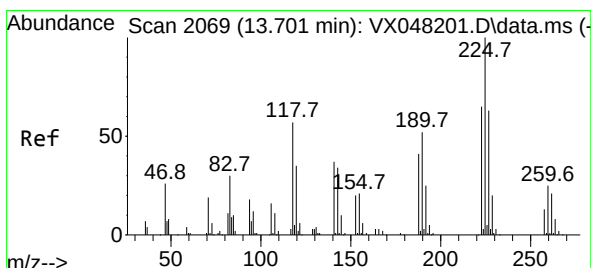
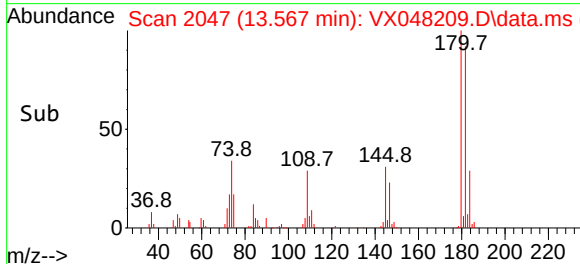
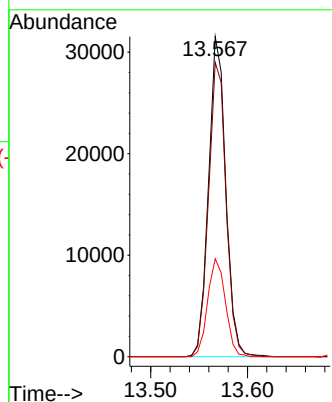
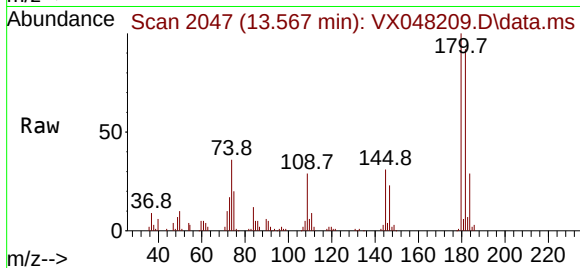
Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	180	Resp:	39156
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	142.0
145	31.4	16.3	48.9



#94

Hexachlorobutadiene

Concen: 20.672 ug/l

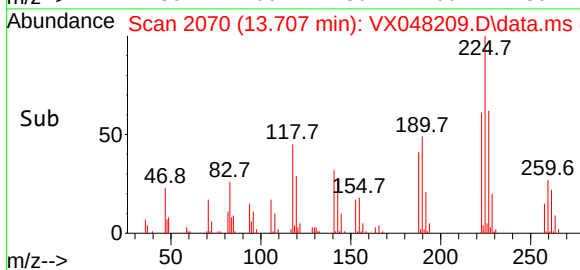
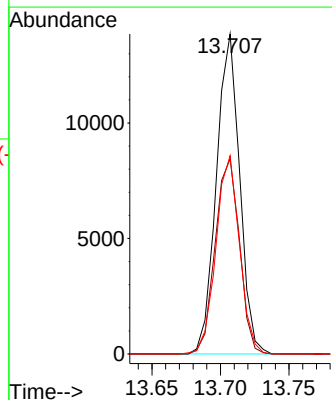
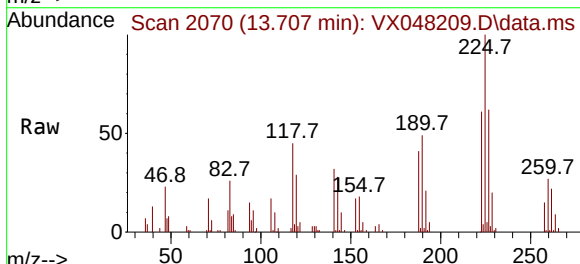
RT: 13.707 min Scan# 2070

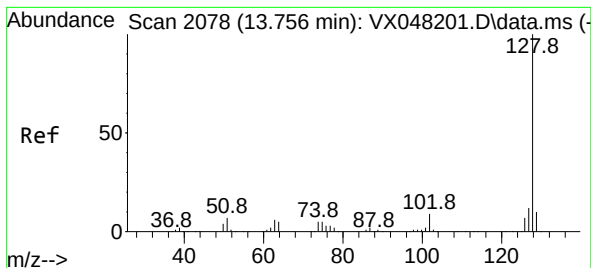
Delta R.T. 0.006 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Tgt Ion:	225	Resp:	16336
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.6	97.7
227	62.6	32.5	97.4





#95

Naphthalene

Concen: 19.577 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

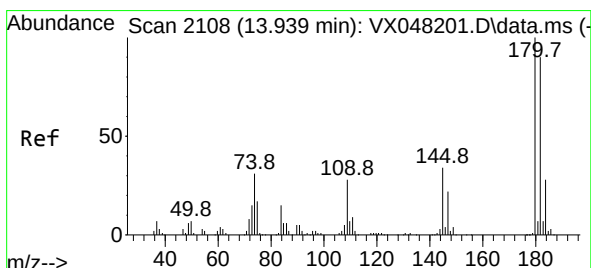
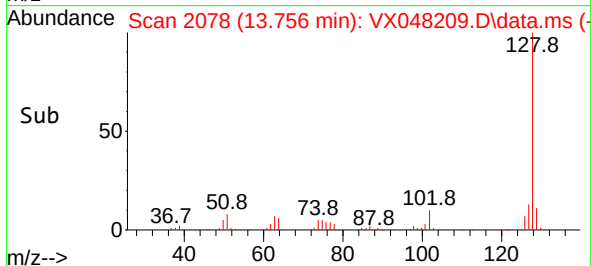
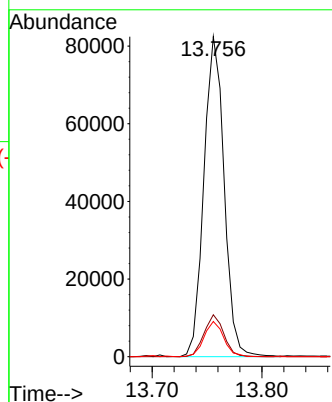
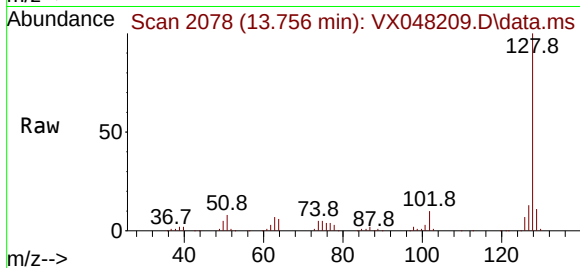
Tgt Ion:128 Resp: 105740

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.441 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048209.D

Acq: 17 Oct 2025 14:03

Tgt Ion:180 Resp: 36752

Ion Ratio Lower Upper

180 100

182 94.3 46.6 139.7

145 35.1 16.9 50.7

