

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038905.D
 Acq On : 16 Jul 2025 13:09
 Operator : SY/MD
 Sample : VV0716WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBS01

Quant Time: Jul 17 06:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	431956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	701994	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	689115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	400772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	269197	51.006	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.020%	
35) Dibromofluoromethane	4.497	113	246753	51.555	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.120%	
50) Toluene-d8	7.236	98	735015	50.805	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	10.001	95	314819	54.019	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 108.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	58884	15.514	ug/l	99
3) Chloromethane	1.227	50	60760	14.825	ug/l	94
4) Vinyl Chloride	1.294	62	76060	16.214	ug/l	98
5) Bromomethane	1.494	94	61524	17.492	ug/l	97
6) Chloroethane	1.558	64	52637	16.788	ug/l	100
7) Trichlorofluoromethane	1.722	101	148486	17.890	ug/l	99
8) Diethyl Ether	1.918	74	55138	18.473	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	90816	18.299	ug/l	97
10) Methyl Iodide	2.195	142	89893	15.777	ug/l	99
11) Tert butyl alcohol	2.567	59	134715	110.870	ug/l	99
12) 1,1-Dichloroethene	2.082	96	74986	16.582	ug/l	99
13) Acrolein	2.008	56	16073	91.472	ug/l	86
14) Allyl chloride	2.355	41	133178	18.486	ug/l	98
15) Acrylonitrile	2.674	53	321722	103.468	ug/l	98
16) Acetone	2.117	43	271625	118.936	ug/l	100
17) Carbon Disulfide	2.249	76	122642	12.999	ug/l	97
18) Methyl Acetate	2.378	43	191793	24.821	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	336735	19.861	ug/l	97
20) Methylene Chloride	2.452	84	102126	17.627	ug/l	96
21) trans-1,2-Dichloroethene	2.699	96	80614	16.755	ug/l	95
22) Diisopropyl ether	3.214	45	302034	20.982	ug/l	99
23) Vinyl Acetate	3.188	43	1115140	98.797	ug/l	98
24) 1,1-Dichloroethane	3.114	63	184832	19.606	ug/l	97
25) 2-Butanone	3.866	43	367115	112.151	ug/l	95
26) 2,2-Dichloropropane	3.805	77	149531	18.117	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	104221	18.864	ug/l	99
28) Bromochloromethane	4.146	49	78135	21.413	ug/l	100
29) Tetrahydrofuran	4.236	42	231086	107.112	ug/l	96
30) Chloroform	4.275	83	207605	19.974	ug/l	94
31) Cyclohexane	4.580	56	103808	16.776	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	173177	19.097	ug/l	99
36) 1,1-Dichloropropene	4.744	75	95203	17.308	ug/l	98
37) Ethyl Acetate	3.982	43	134546	20.775	ug/l	98
38) Carbon Tetrachloride	4.731	117	134673	18.432	ug/l	98
39) Methylcyclohexane	6.046	83	102205	15.747	ug/l	97
40) Benzene	5.008	78	346147	18.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	63075	21.221	ug/l #	91
42) 1,2-Dichloroethane	5.040	62	136200	19.163	ug/l	99
43) Isopropyl Acetate	5.194	43	203280	19.847	ug/l	99
44) Trichloroethene	5.831	130	88859	18.237	ug/l	90
45) 1,2-Dichloropropane	6.088	63	93880	19.059	ug/l	97
46) Dibromomethane	6.226	93	72452	19.011	ug/l	99
47) Bromodichloromethane	6.426	83	163786	20.250	ug/l	96
48) Methyl methacrylate	6.300	41	85670	19.273	ug/l	99
49) 1,4-Dioxane	6.291	88	38040	397.190	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	790525	113.349	ug/l	97
52) Toluene	7.310	92	229336	19.523	ug/l	97
53) t-1,3-Dichloropropene	7.577	75	140801	19.239	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	156875	19.829	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	111605	19.877	ug/l	99
56) Ethyl methacrylate	7.715	69	137173	20.559	ug/l	98
57) 1,3-Dichloropropane	7.937	76	169592	20.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	459045	114.004	ug/l	99
59) 2-Hexanone	8.066	43	571997	110.176	ug/l	99
60) Dibromochloromethane	8.169	129	133811	20.237	ug/l	98
61) 1,2-Dibromoethane	8.275	107	111641	19.737	ug/l	97
64) Tetrachloroethene	7.898	164	77232	17.089	ug/l	96
65) Chlorobenzene	8.805	112	279095	18.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	112661	18.762	ug/l	99
67) Ethyl Benzene	8.937	91	416615	18.634	ug/l	99
68) m/p-Xylenes	9.062	106	330946	38.019	ug/l	98
69) o-Xylene	9.468	106	150679	18.340	ug/l	98
70) Styrene	9.487	104	282944	19.485	ug/l	99
71) Bromoform	9.654	173	93255	19.106	ug/l #	96
73) Isopropylbenzene	9.857	105	447000	18.667	ug/l	99
74) N-amyl acetate	9.725	43	165814	18.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	195179	19.459	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	145975	19.590	ug/l	78
77) Bromobenzene	10.143	156	120326	19.155	ug/l	99
78) n-propylbenzene	10.278	91	537727	19.213	ug/l	98
79) 2-Chlorotoluene	10.349	91	338826	19.036	ug/l	100
80) 1,3,5-Trimethylbenzene	10.467	105	386532	19.141	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	58030	19.005	ug/l	95
82) 4-Chlorotoluene	10.464	91	390271	19.615	ug/l	99
83) tert-Butylbenzene	10.789	119	389671	18.405	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	382334	19.241	ug/l	99
85) sec-Butylbenzene	11.014	105	512030	18.948	ug/l	100
86) p-Isopropyltoluene	11.168	119	428737	18.687	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	240854	18.785	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	256582	18.396	ug/l	98
89) n-Butylbenzene	11.580	91	391256	18.681	ug/l	97
90) Hexachloroethane	11.821	117	98871	18.119	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	227366	18.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40925	18.047	ug/l	91
93) 1,2,4-Trichlorobenzene	13.188	180	138229	18.814	ug/l	99
94) Hexachlorobutadiene	13.371	225	68360	18.067	ug/l	98
95) Naphthalene	13.426	128	460905	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	145310	19.081	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

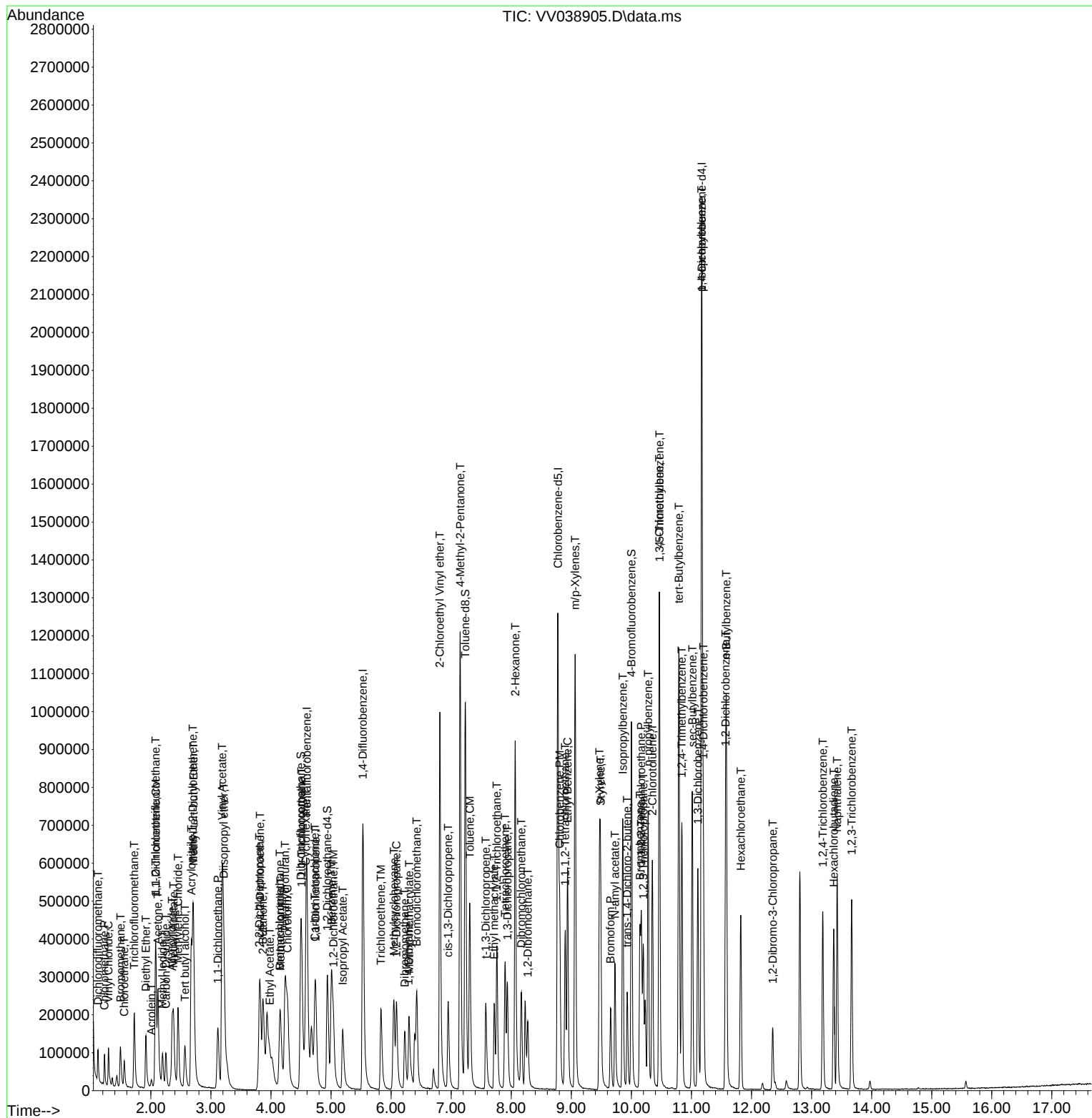
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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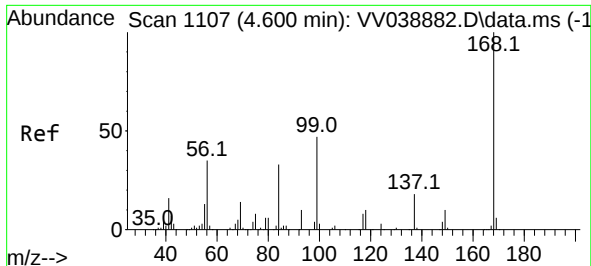
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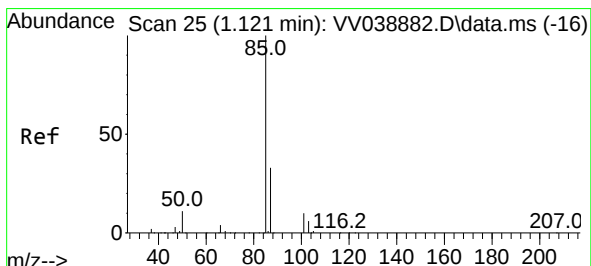
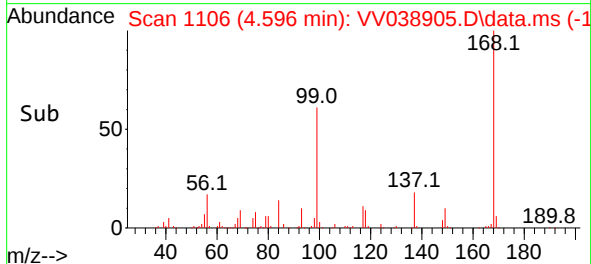
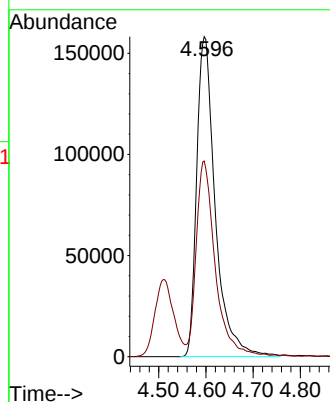
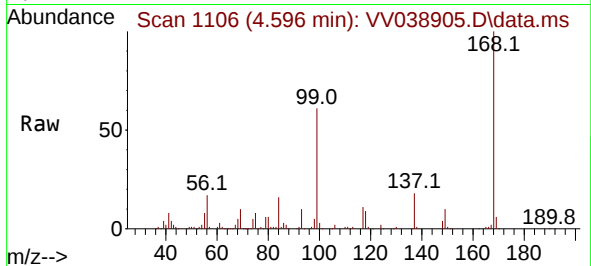




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.004 min
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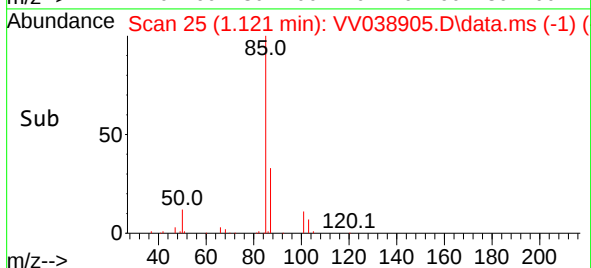
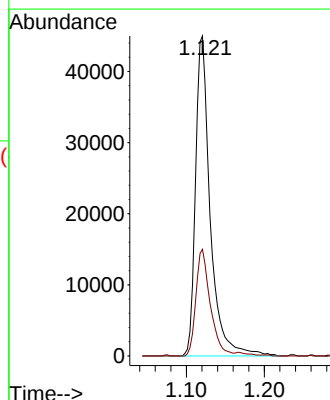
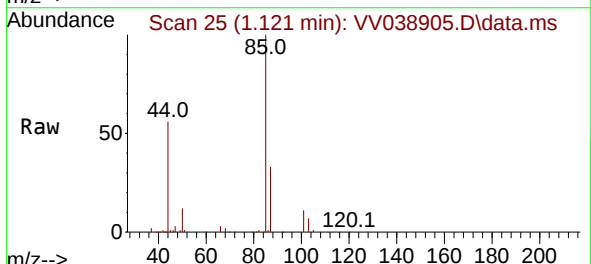
Instrument :
MSVOA_V
ClientSampleId :
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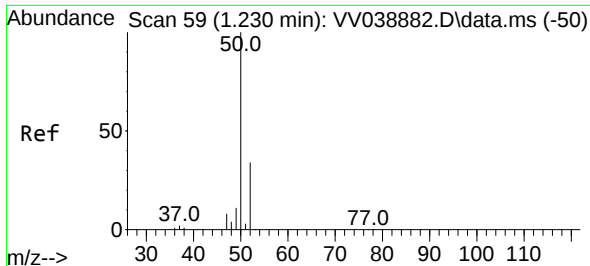
Tgt Ion:168 Resp: 431956
Ion Ratio Lower Upper
168 100
99 60.7 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 15.514 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 85 Resp: 58884
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.8

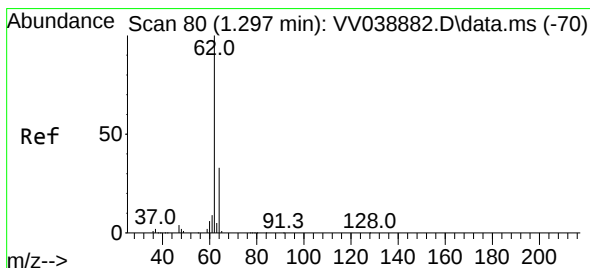
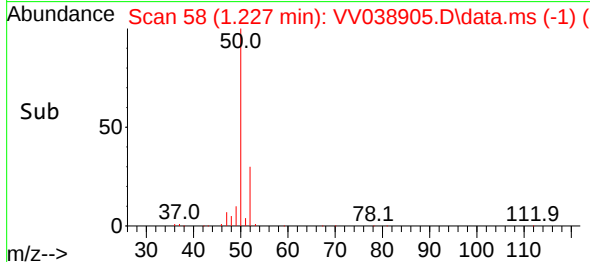
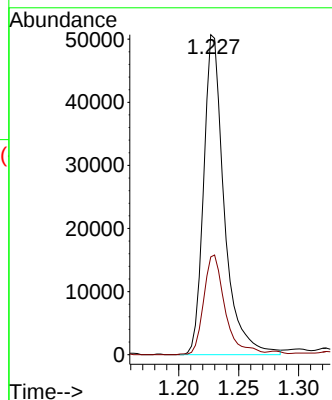
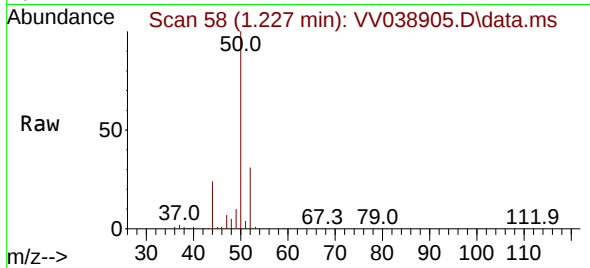




#3
Chloromethane
Concen: 14.825 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

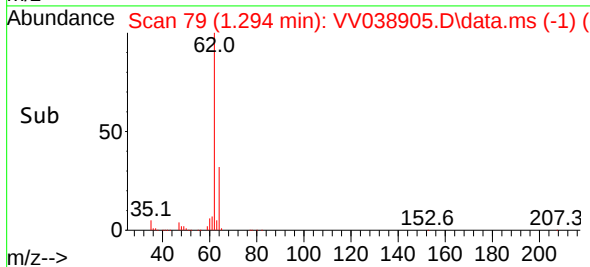
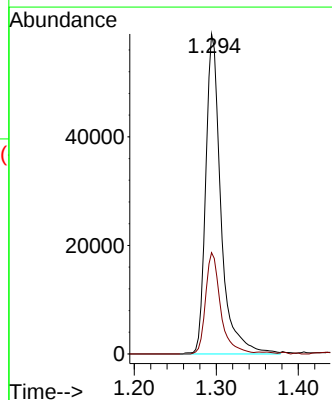
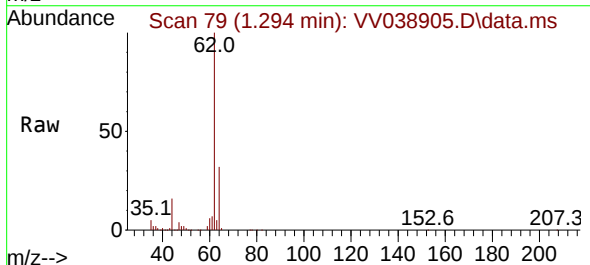
Instrument :
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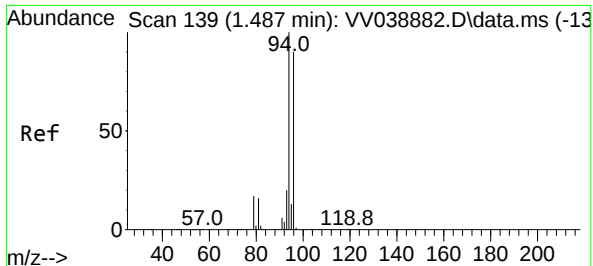
Tgt Ion: 50 Resp: 60760
Ion Ratio Lower Upper
50 100
52 30.3 26.9 40.3



#4
Vinyl Chloride
Concen: 16.214 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 62 Resp: 76060
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

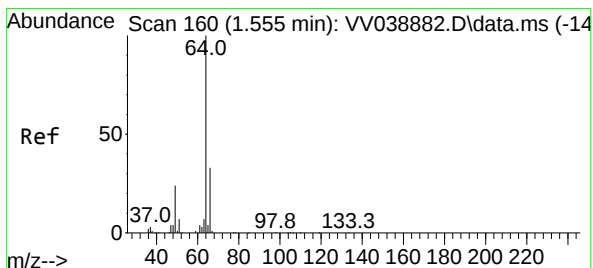
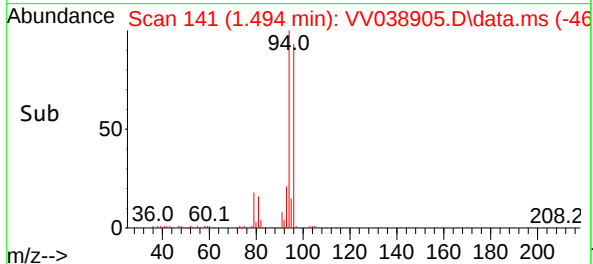
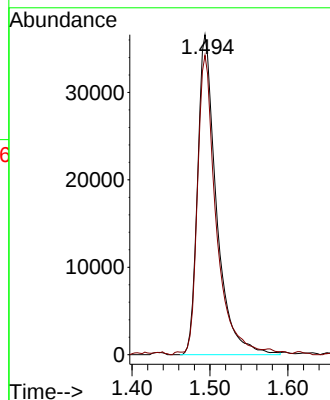
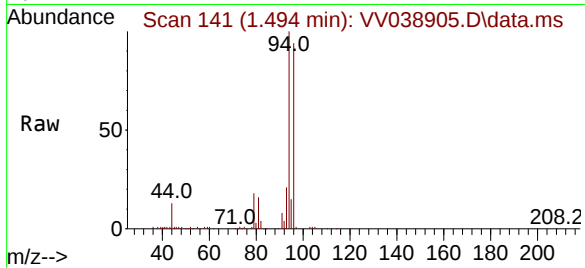




#5
Bromomethane
Concen: 17.492 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

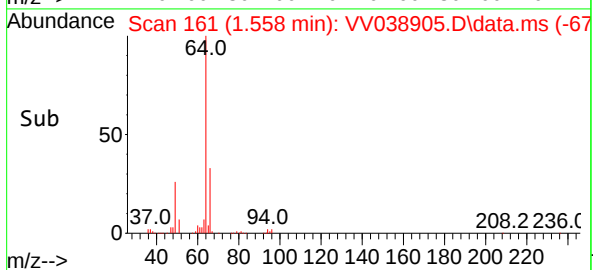
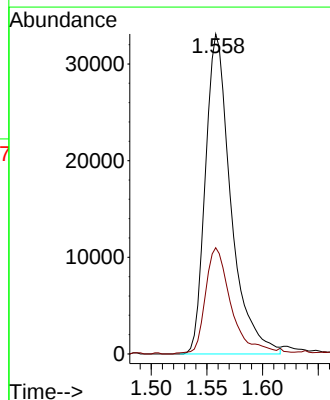
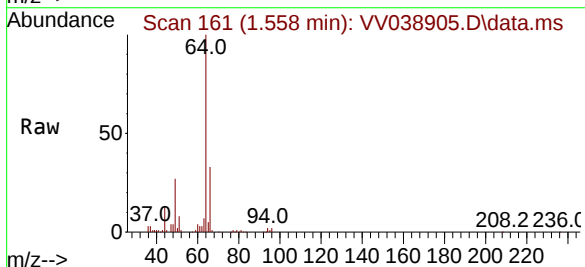
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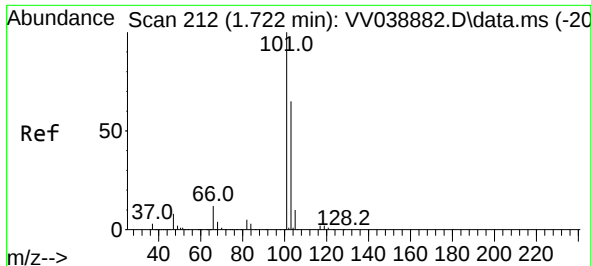
Tgt Ion: 94 Resp: 61524
Ion Ratio Lower Upper
94 100
96 92.8 71.9 107.9



#6
Chloroethane
Concen: 16.788 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 64 Resp: 52637
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.2

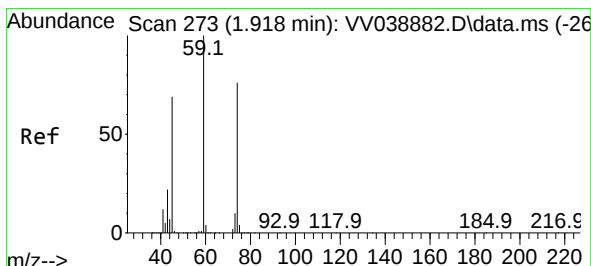
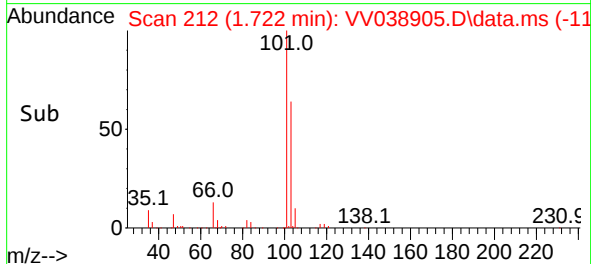
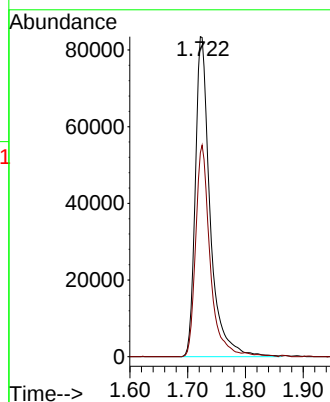
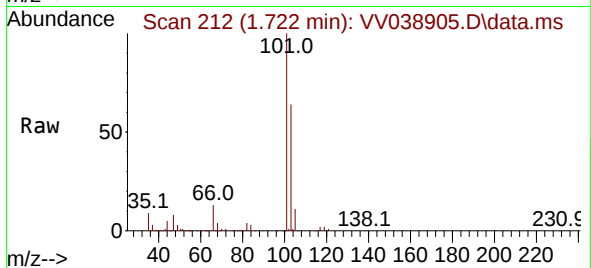




#7
 Trichlorofluoromethane
 Concen: 17.890 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

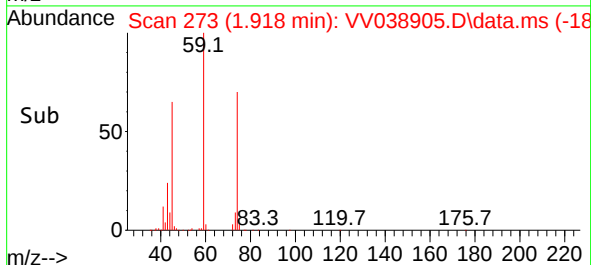
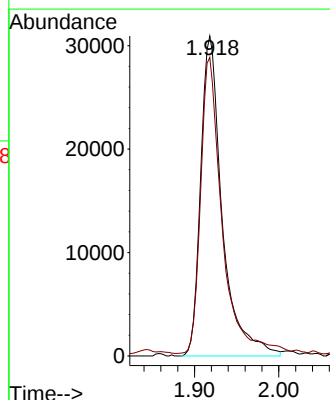
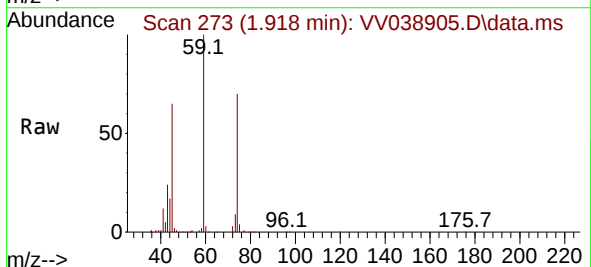
Instrument :
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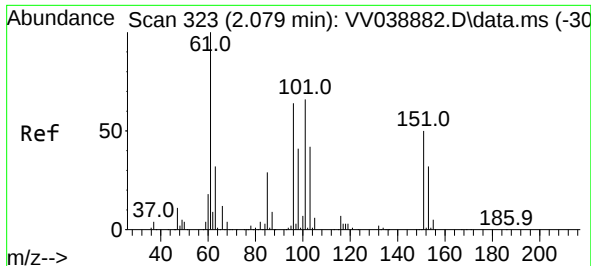
Tgt Ion:101 Resp: 148486
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 18.473 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV038905.D
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Tgt Ion: 74 Resp: 55138
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.5 136.5

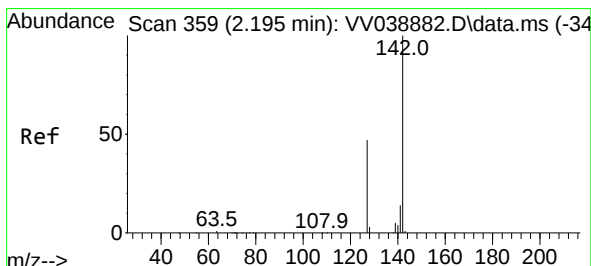
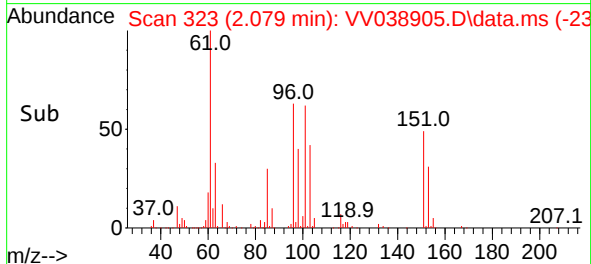
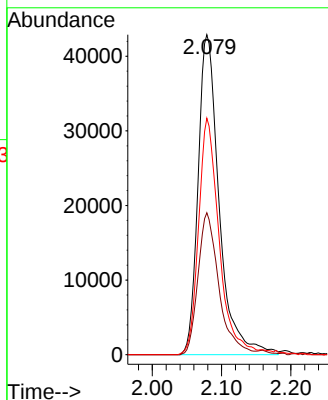
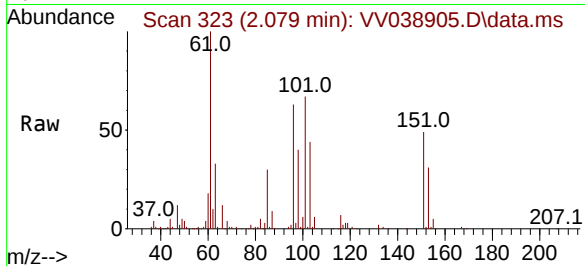




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.299 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

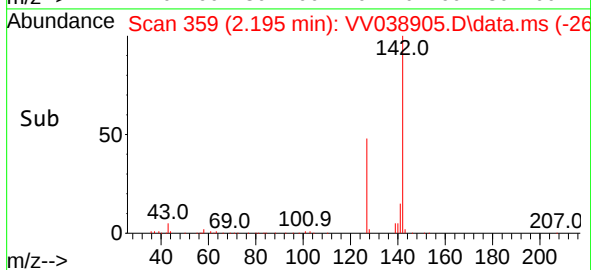
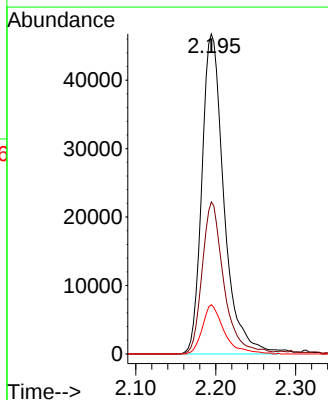
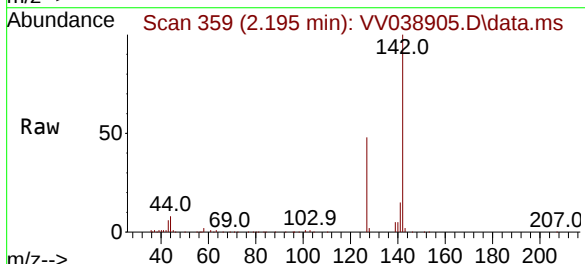
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

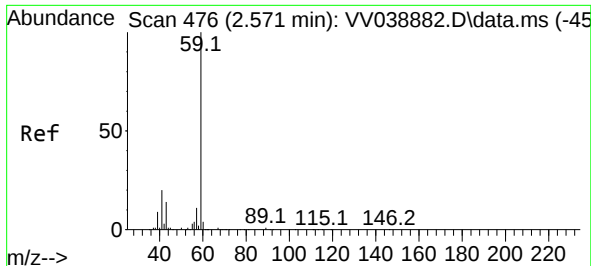
Tgt Ion:101 Resp: 90816
Ion Ratio Lower Upper
101 100
85 44.0 35.0 52.6
151 71.7 60.1 90.1



#10
Methyl Iodide
Concen: 15.777 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:142 Resp: 89893
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 15.2 11.2 16.8

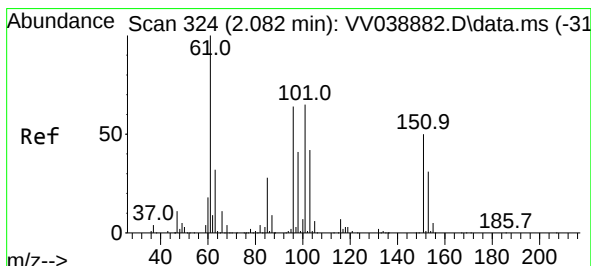
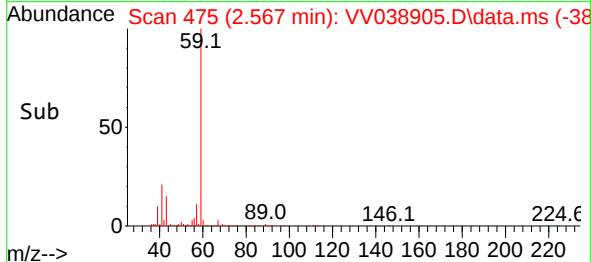
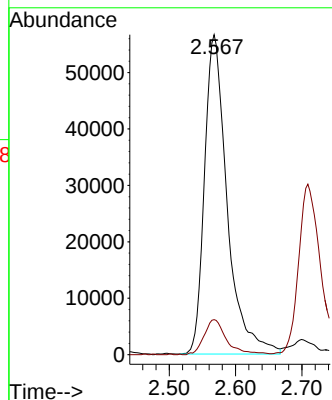
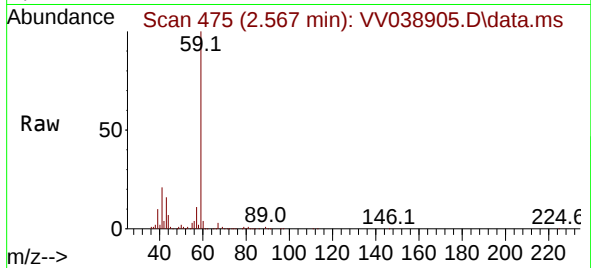




#11
Tert butyl alcohol
Concen: 110.870 ug/l
RT: 2.567 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

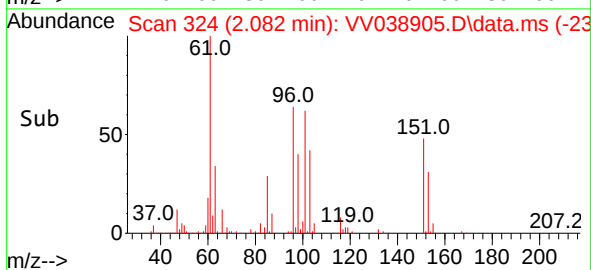
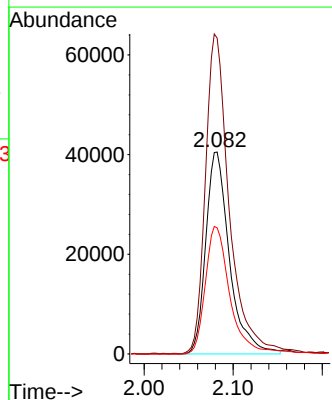
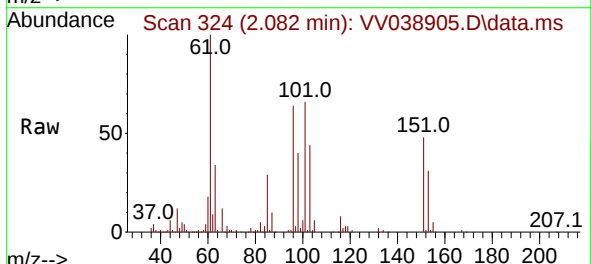
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

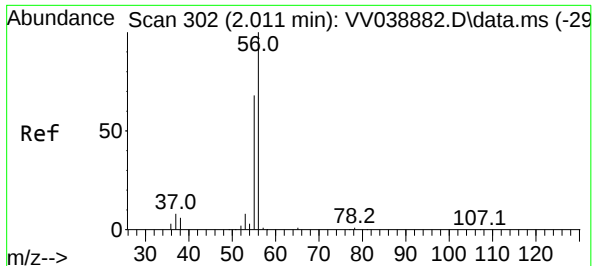
Tgt Ion: 59 Resp: 134715
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 16.582 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 96 Resp: 74986
Ion Ratio Lower Upper
96 100
61 156.4 124.1 186.1
98 62.5 50.6 75.8

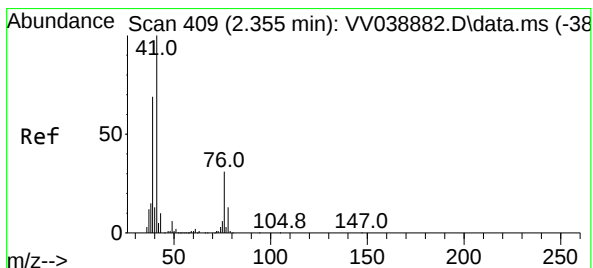
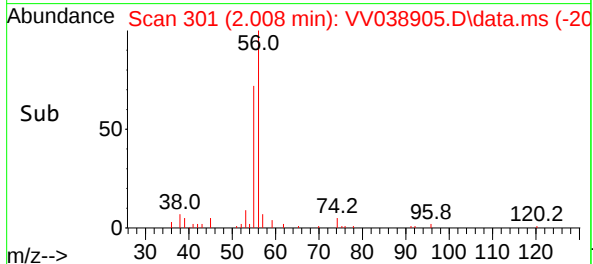
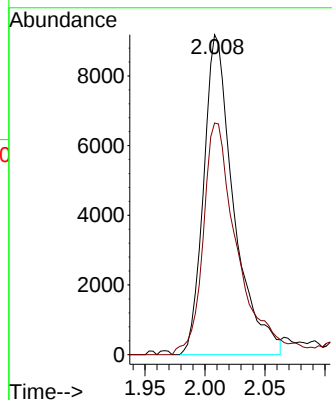
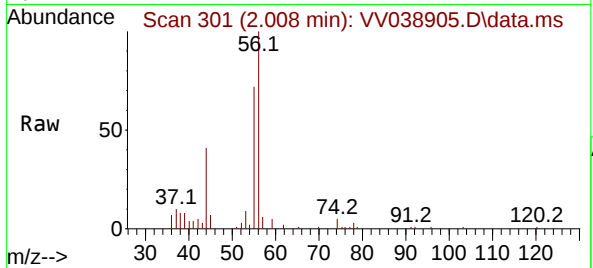




#13
Acrolein
Concen: 91.472 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

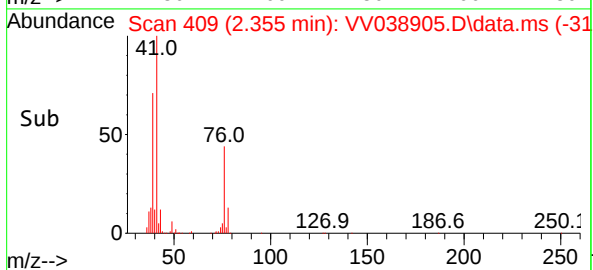
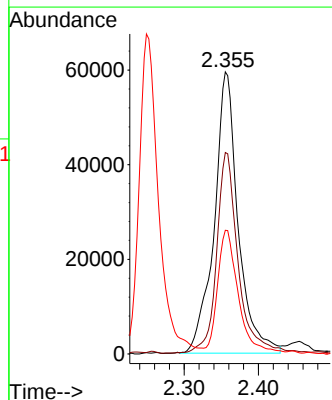
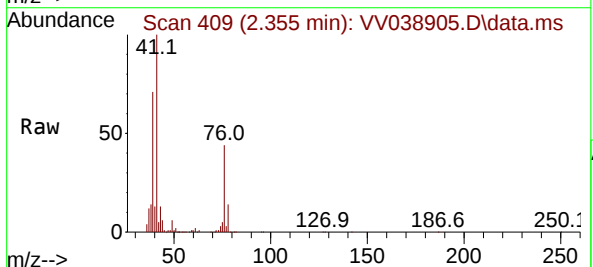
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

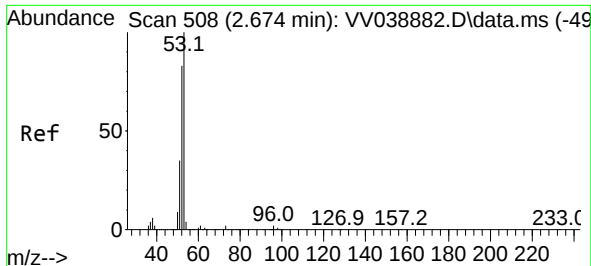
Tgt Ion: 56 Resp: 16073
Ion Ratio Lower Upper
56 100
55 82.4 56.7 85.1



#14
Allyl chloride
Concen: 18.486 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 41 Resp: 133178
Ion Ratio Lower Upper
41 100
39 64.3 50.6 76.0
76 36.8 30.4 45.6

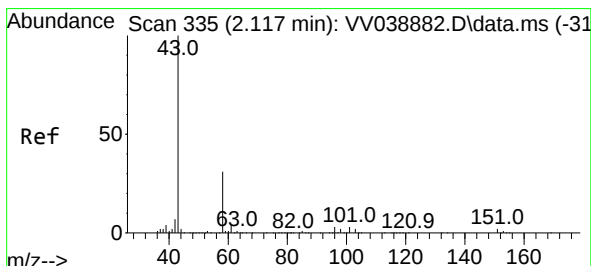
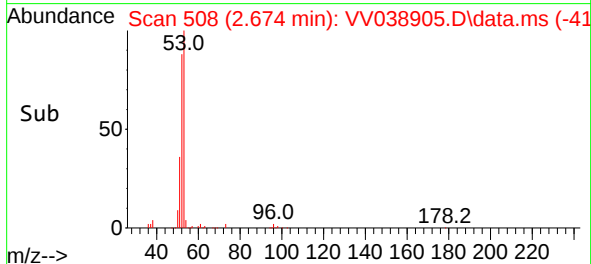
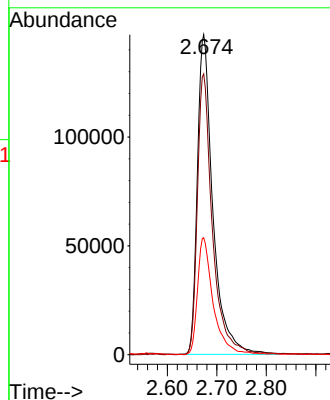
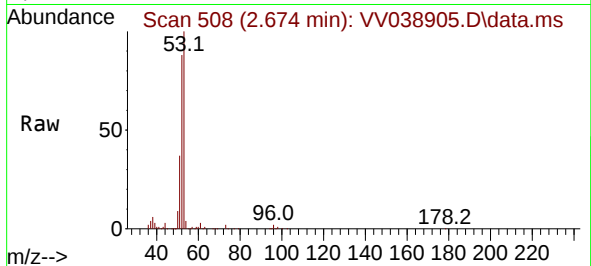




#15
Acrylonitrile
Concen: 103.468 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

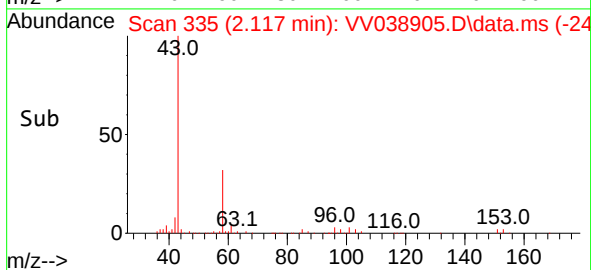
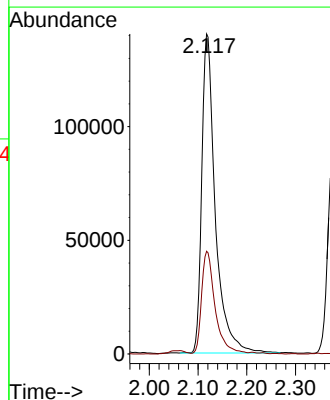
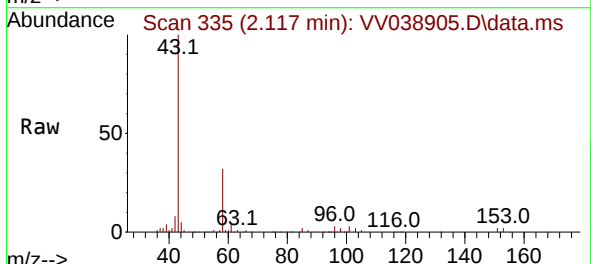
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

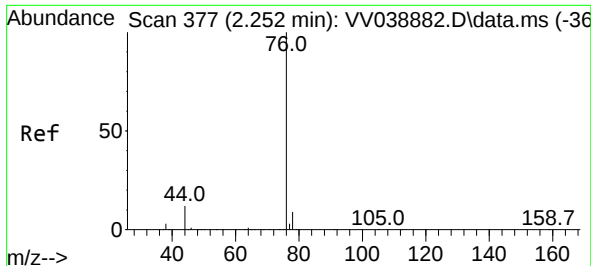
Tgt Ion: 53 Resp: 321722
Ion Ratio Lower Upper
53 100
52 84.7 66.6 99.8
51 37.0 28.7 43.1



#16
Acetone
Concen: 118.936 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 43 Resp: 271625
Ion Ratio Lower Upper
43 100
58 32.1 25.8 38.6

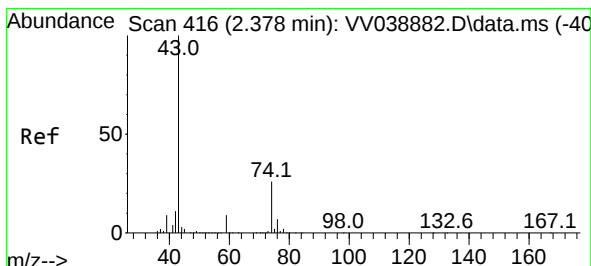
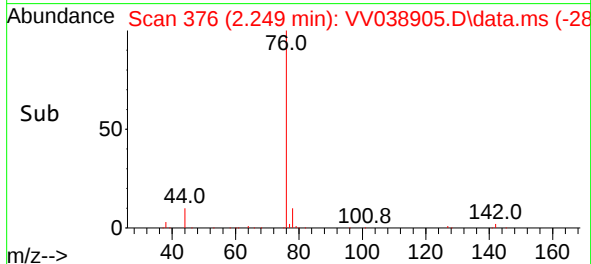
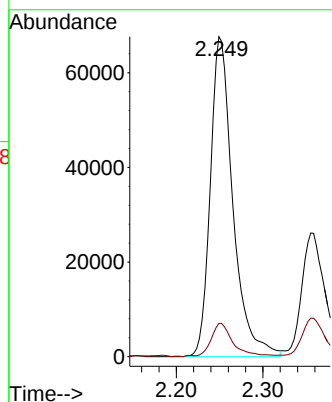
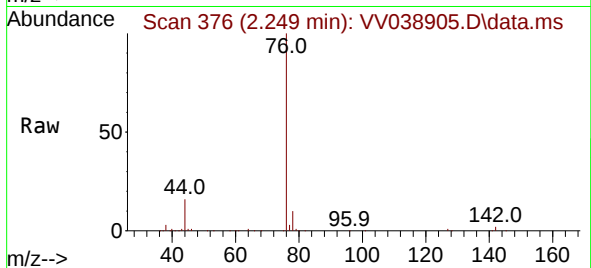




#17
Carbon Disulfide
Concen: 12.999 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

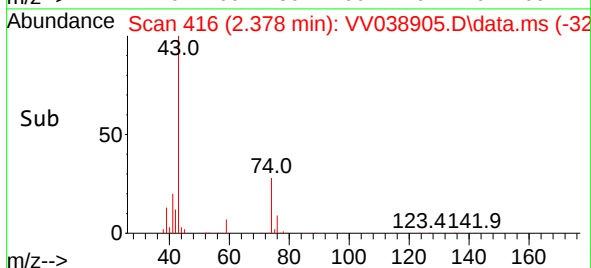
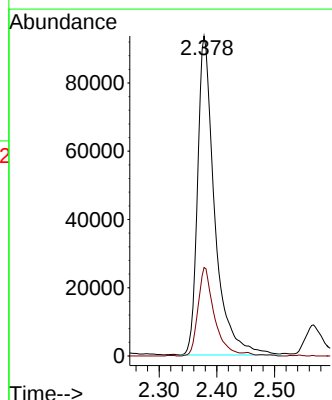
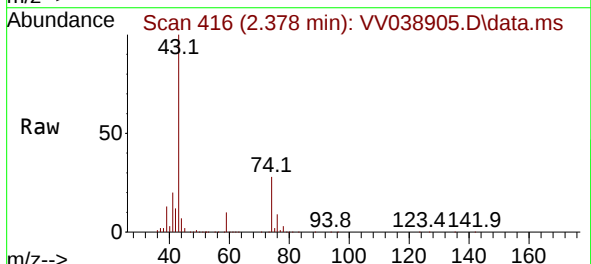
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

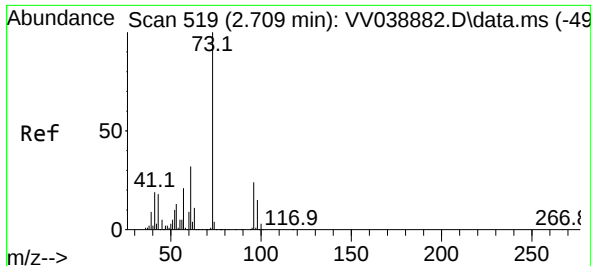
Tgt Ion: 76 Resp: 122642
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#18
Methyl Acetate
Concen: 24.821 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 43 Resp: 191793
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7

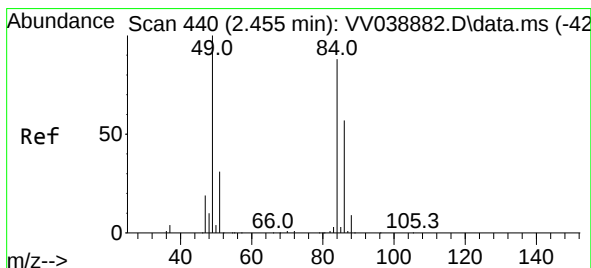
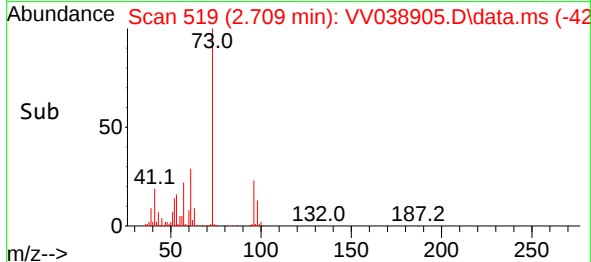
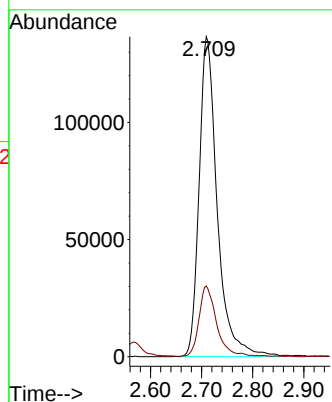
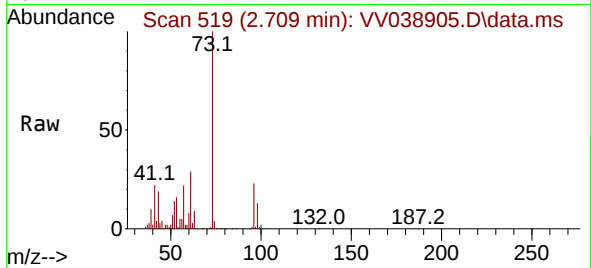




#19
Methyl tert-butyl Ether
Concen: 19.861 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

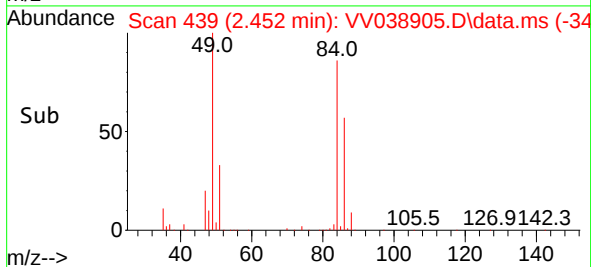
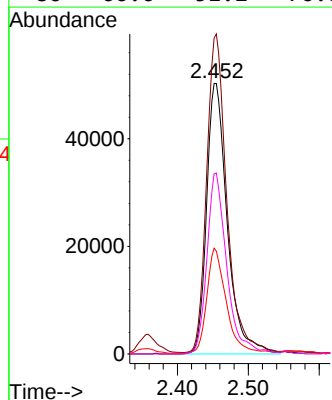
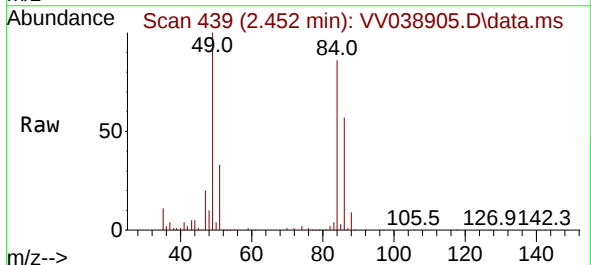
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

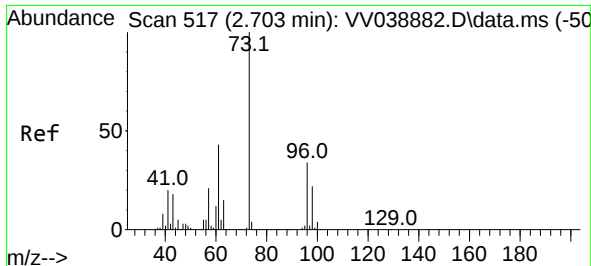
Tgt Ion: 73 Resp: 336735
Ion Ratio Lower Upper
73 100
57 22.0 16.5 24.7



#20
Methylene Chloride
Concen: 17.627 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 84 Resp: 102126
Ion Ratio Lower Upper
84 100
49 116.1 90.5 135.7
51 38.7 27.8 41.6
86 66.6 51.2 76.8

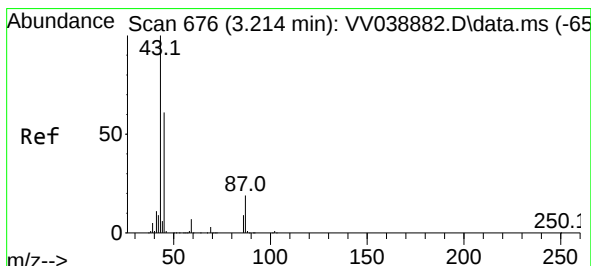
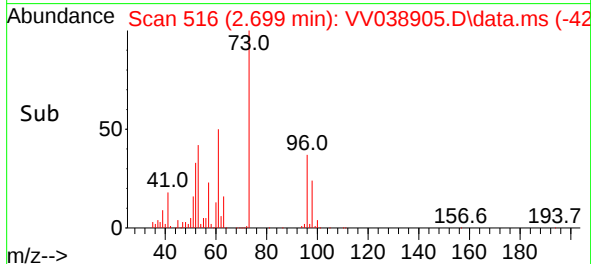
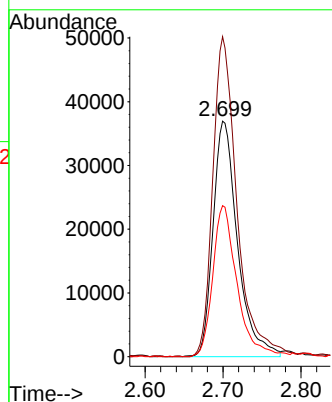
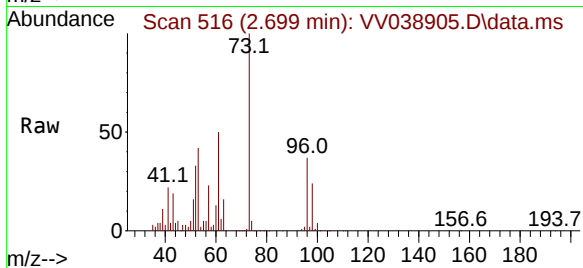




#21
trans-1,2-Dichloroethene
Concen: 16.755 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

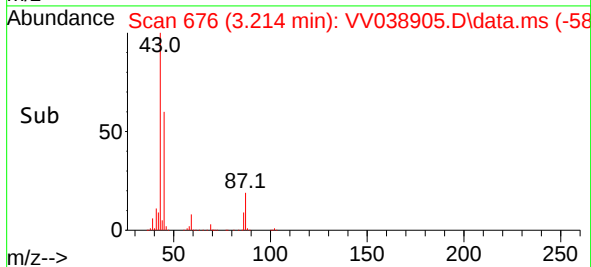
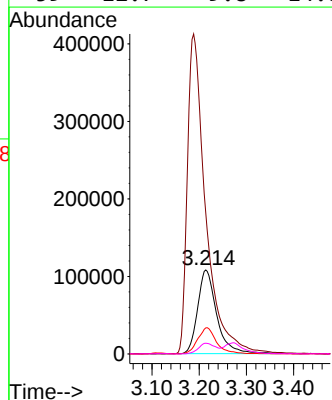
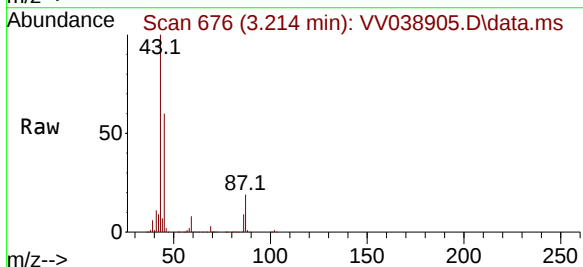
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

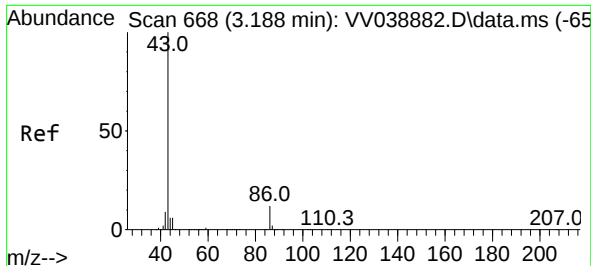
Tgt Ion: 96 Resp: 80614
Ion Ratio Lower Upper
96 100
61 135.6 102.0 153.0
98 64.1 51.0 76.6



#22
Diisopropyl ether
Concen: 20.982 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 45 Resp: 302034
Ion Ratio Lower Upper
45 100
43 166.2 132.1 198.1
87 31.0 25.0 37.4
59 12.7 9.8 14.8

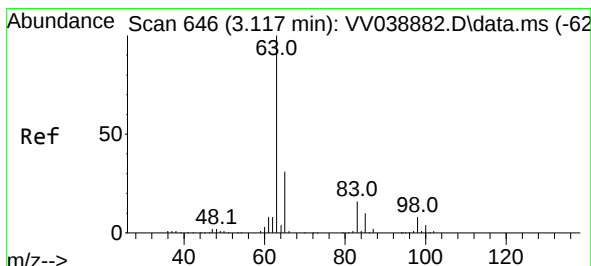
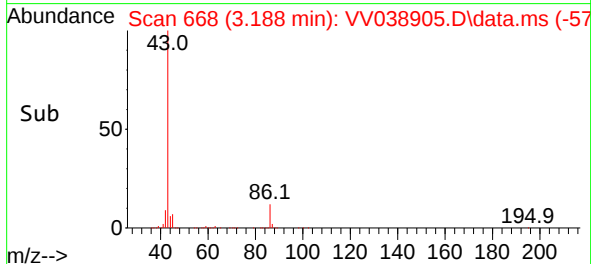
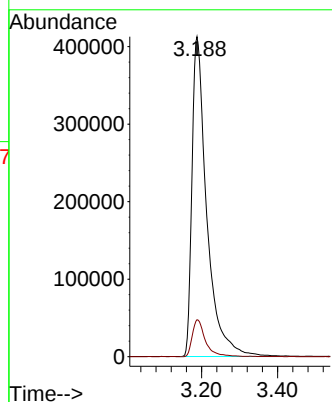
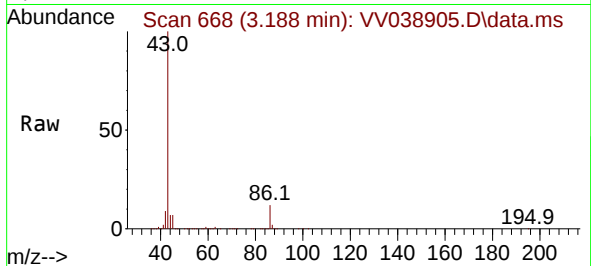




#23
 Vinyl Acetate
 Concen: 98.797 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

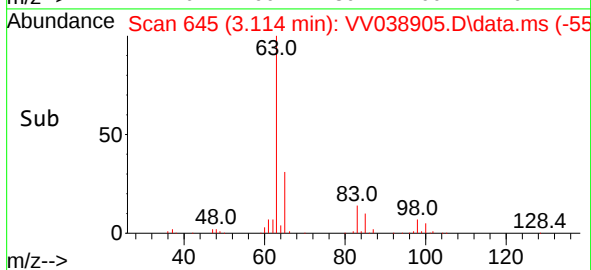
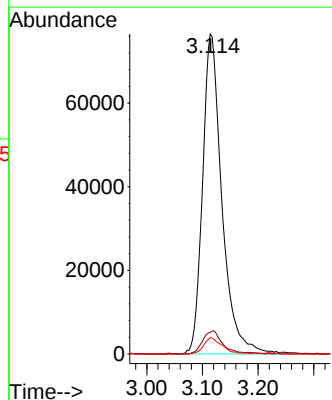
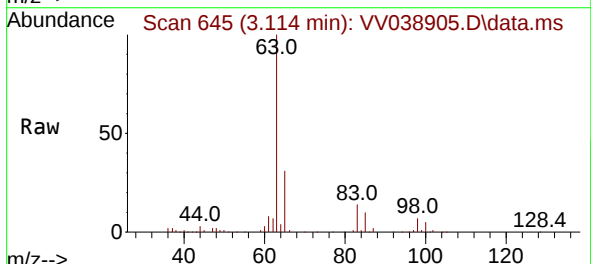
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBS01

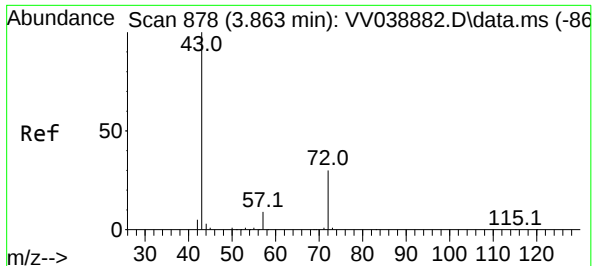
Tgt Ion: 43 Resp: 1115140
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 19.606 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

Tgt Ion: 63 Resp: 184832
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 5.1 2.2 6.6

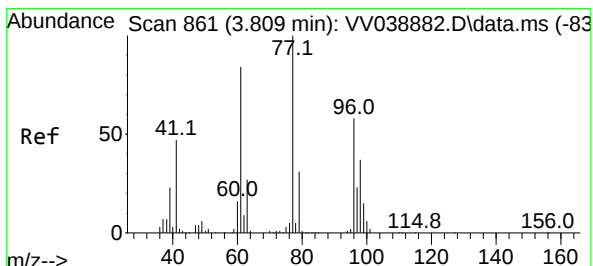
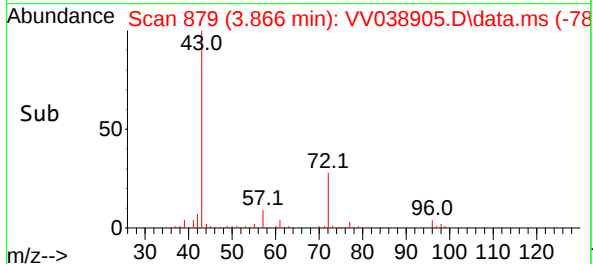
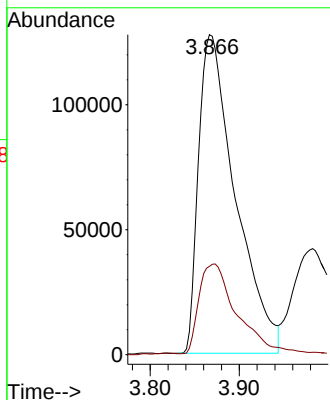
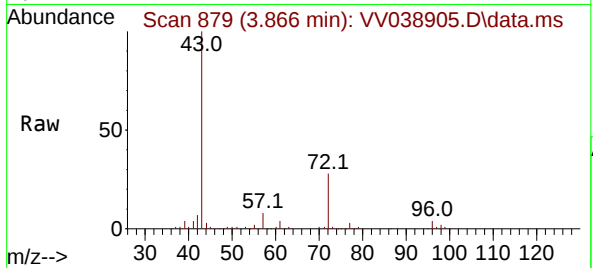




#25
2-Butanone
Concen: 112.151 ug/l
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

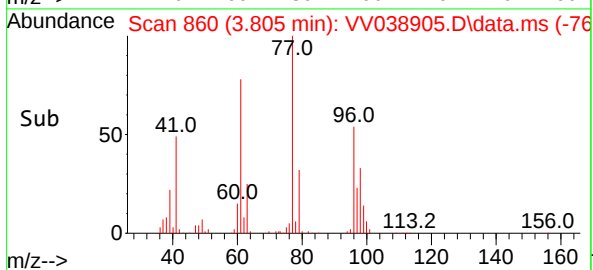
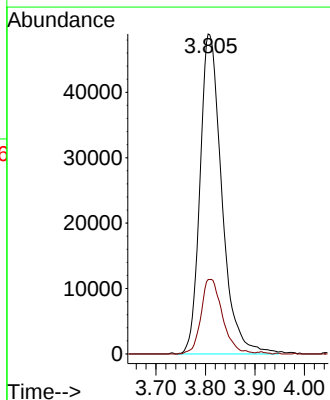
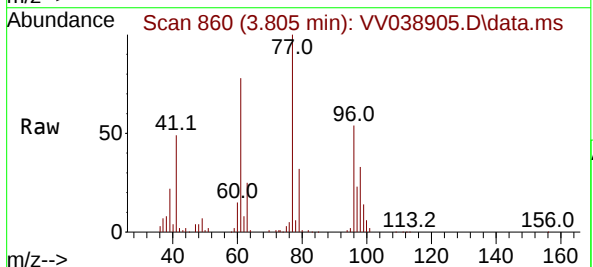
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

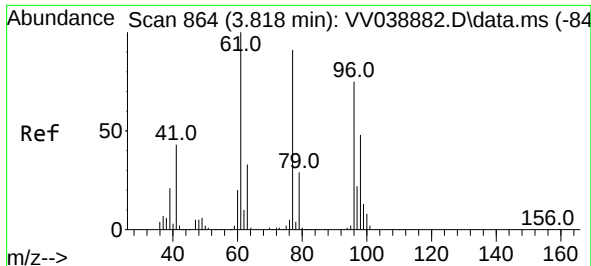
Tgt Ion: 43 Resp: 367115
Ion Ratio Lower Upper
43 100
72 27.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 18.117 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 77 Resp: 149531
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2

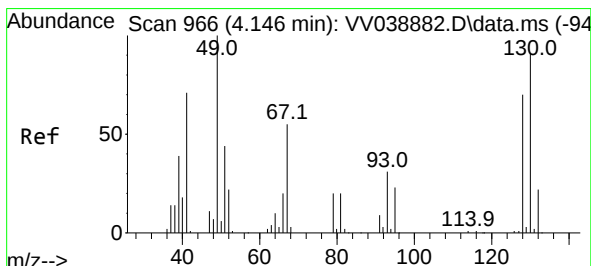
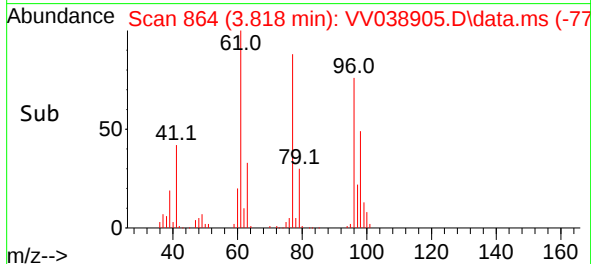
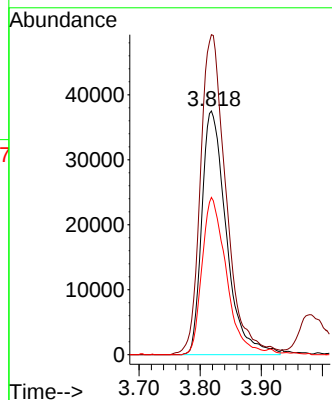
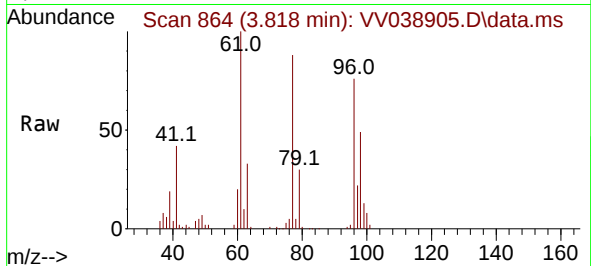




#27
 cis-1,2-Dichloroethene
 Concen: 18.864 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

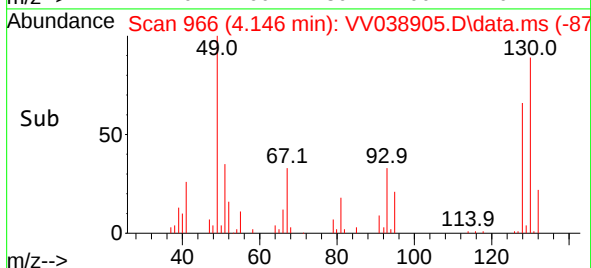
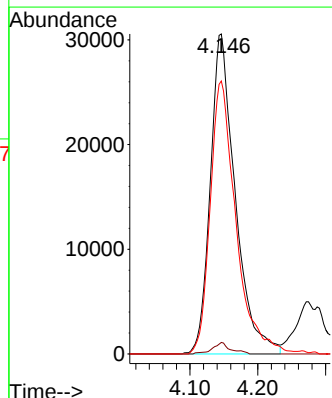
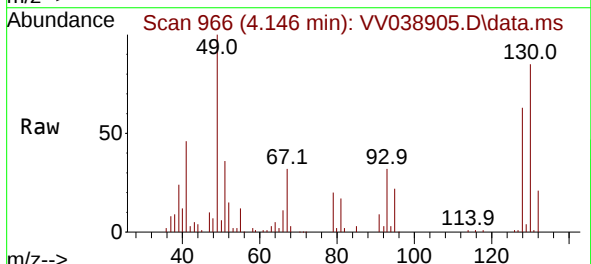
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBS01

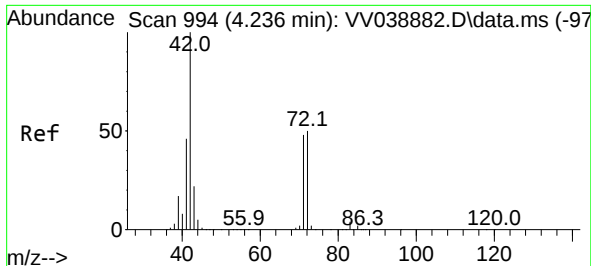
Tgt Ion: 96 Resp: 104221
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 275.0
 98 63.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.413 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

Tgt Ion: 49 Resp: 78135
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 88.0 70.1 105.1





#29

Tetrahydrofuran

Concen: 107.112 ug/l

RT: 4.236 min Scan# 994

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

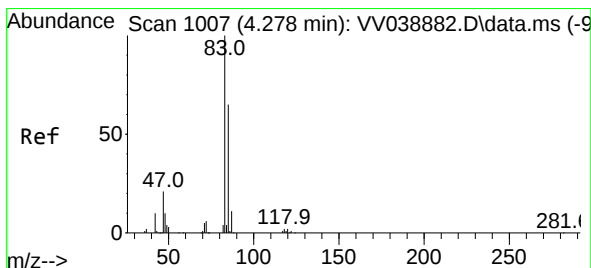
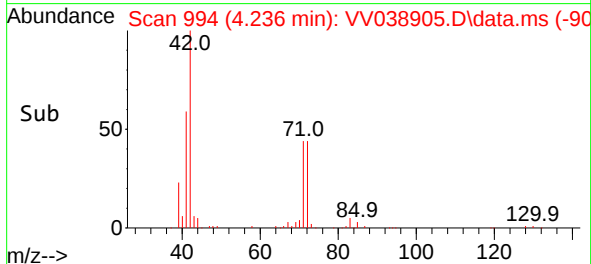
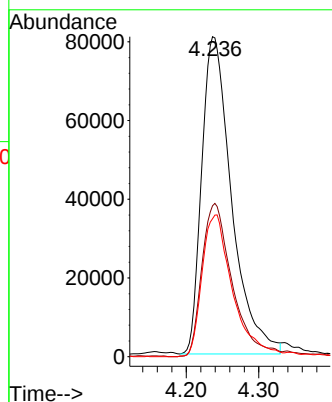
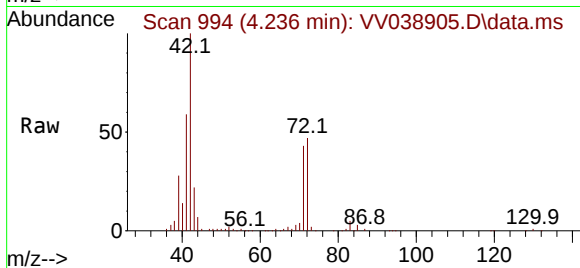
Tgt Ion: 42 Resp: 231086

Ion Ratio Lower Upper

42 100

72 49.0 41.6 62.4

71 45.5 38.4 57.6



#30

Chloroform

Concen: 19.974 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038905.D

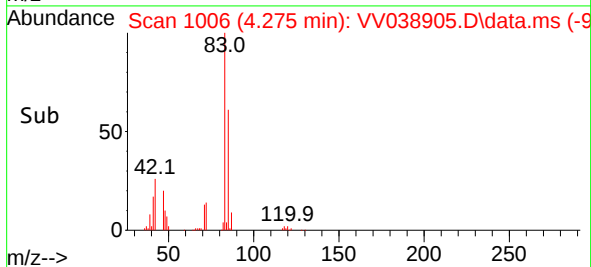
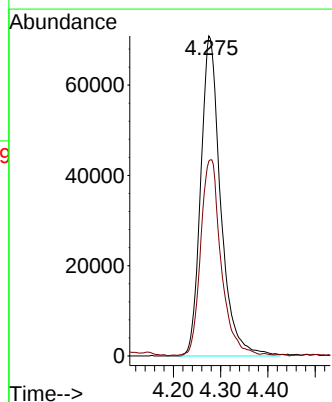
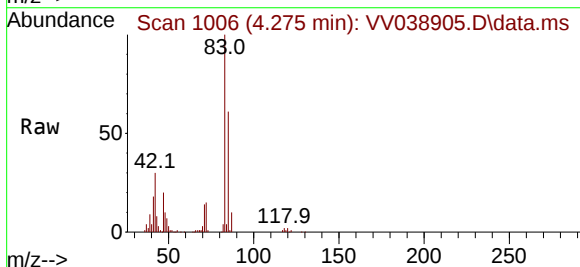
Acq: 16 Jul 2025 13:09

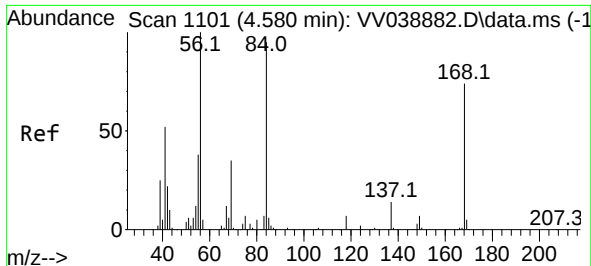
Tgt Ion: 83 Resp: 207605

Ion Ratio Lower Upper

83 100

85 60.6 52.2 78.4

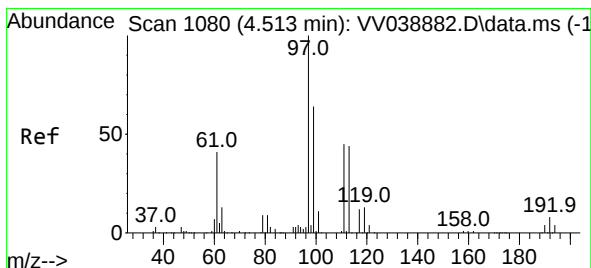
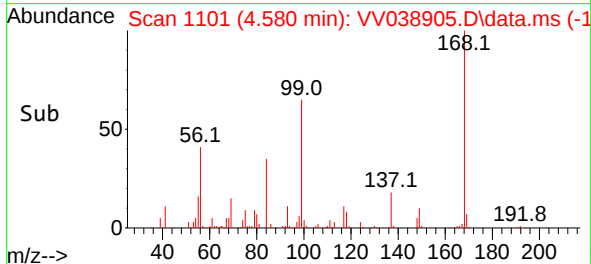
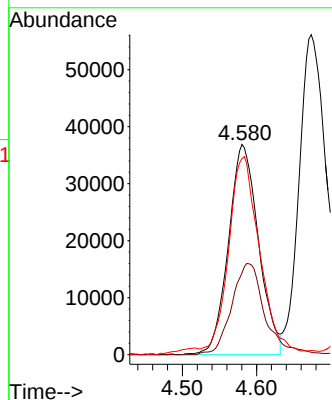
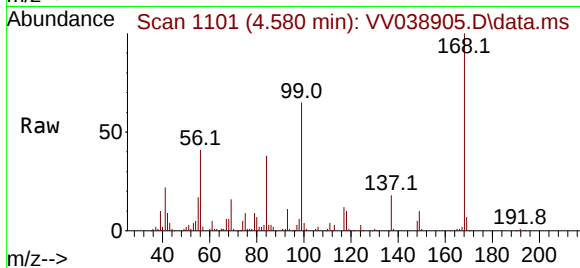




#31
Cyclohexane
Concen: 16.776 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

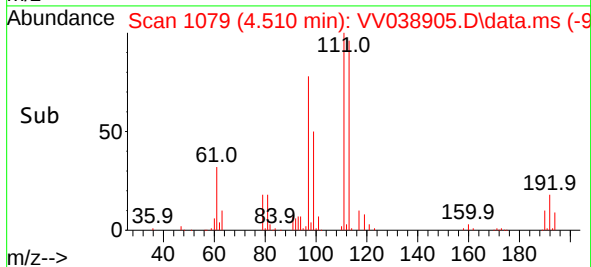
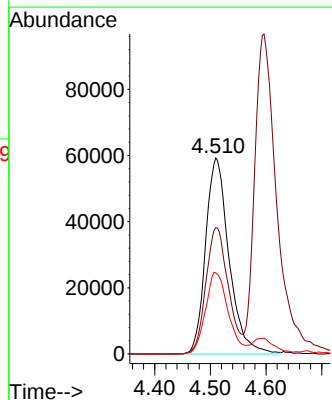
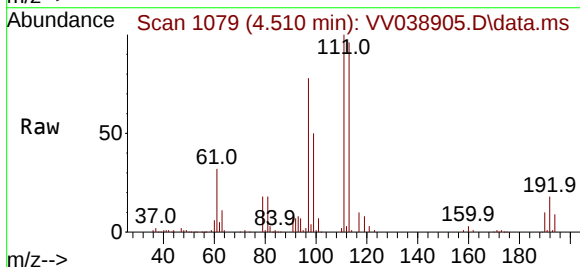
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

Tgt Ion: 56 Resp: 103808
Ion Ratio Lower Upper
56 100
69 38.9 28.2 42.2
84 91.2 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 19.097 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 97 Resp: 173177
Ion Ratio Lower Upper
97 100
99 61.5 50.1 75.1
61 40.5 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 51.006 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

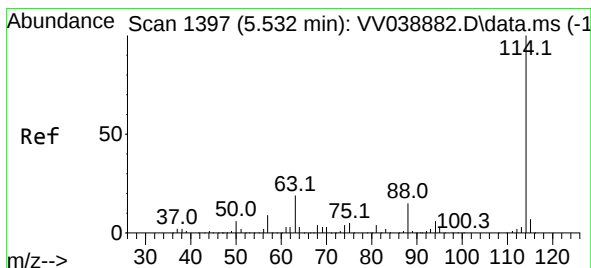
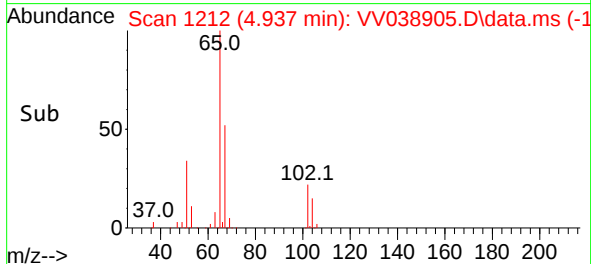
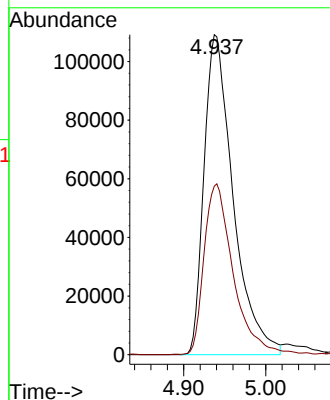
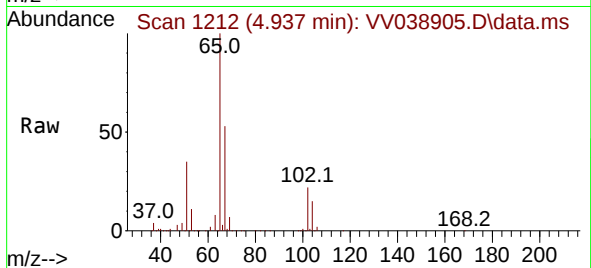
VV0716WBS01

Tgt Ion: 65 Resp: 269197

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

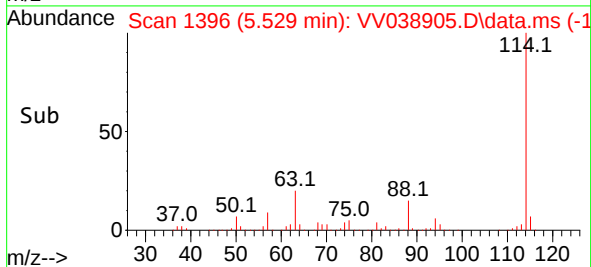
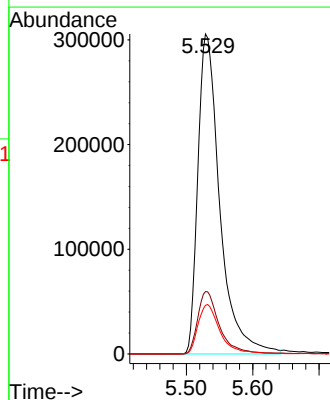
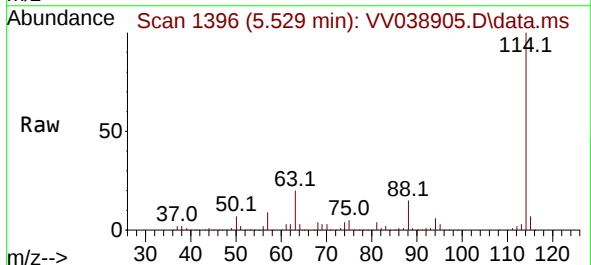
Tgt Ion: 114 Resp: 701994

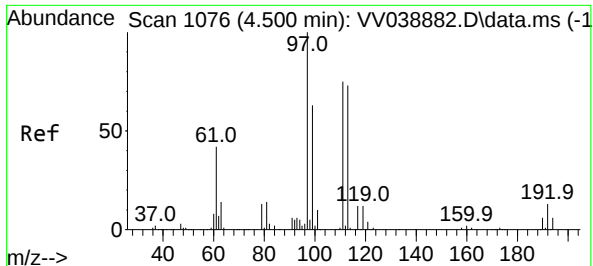
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.555 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

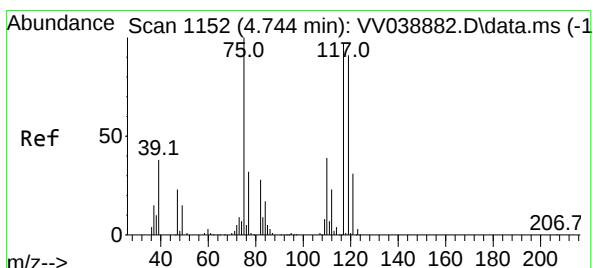
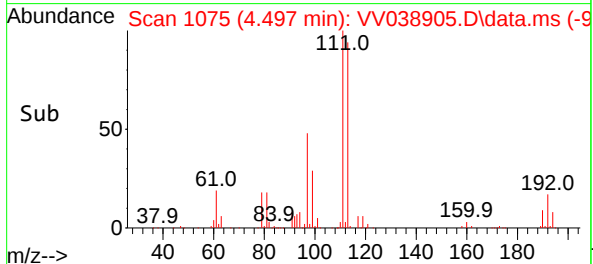
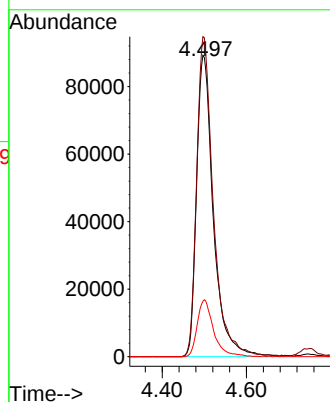
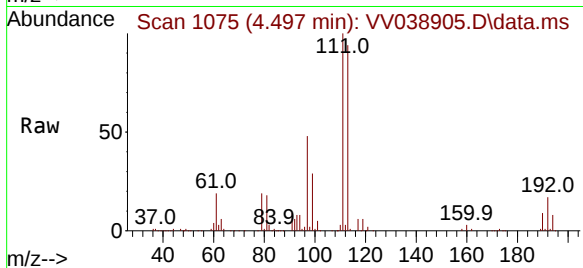
Tgt Ion:113 Resp: 246753

Ion Ratio Lower Upper

113 100

111 105.4 83.3 124.9

192 18.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 17.308 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

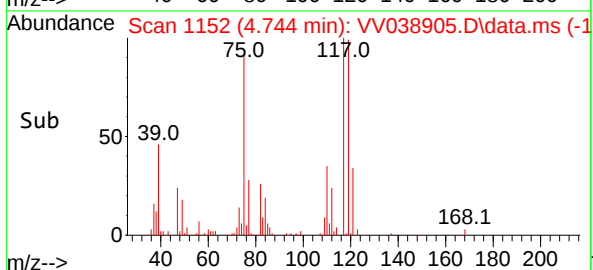
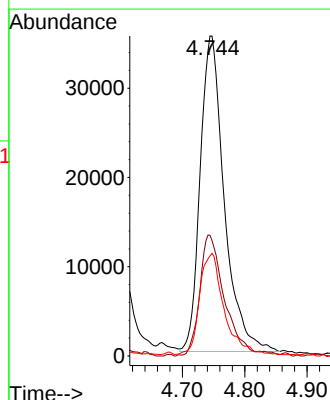
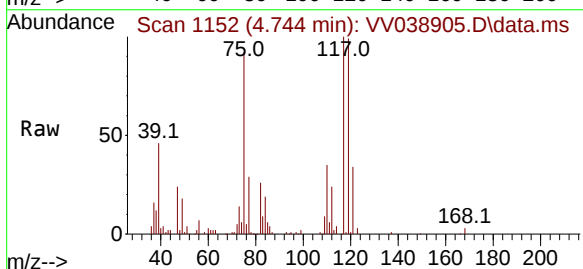
Tgt Ion: 75 Resp: 95203

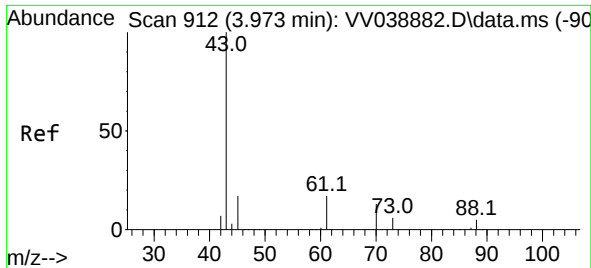
Ion Ratio Lower Upper

75 100

110 39.0 18.8 56.3

77 31.7 24.2 36.4





#37

Ethyl Acetate

Concen: 20.775 ug/l

RT: 3.982 min Scan# 91

Delta R.T. 0.010 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

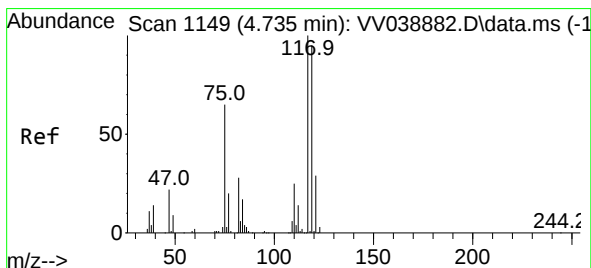
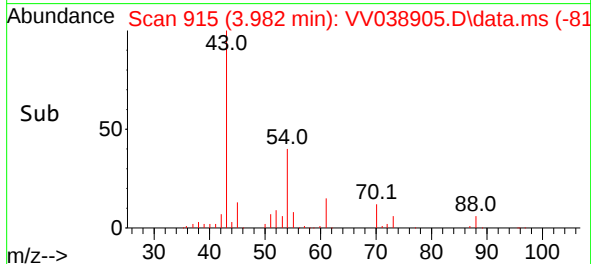
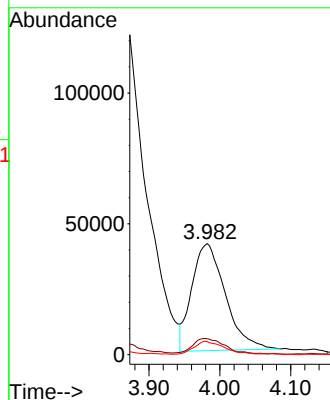
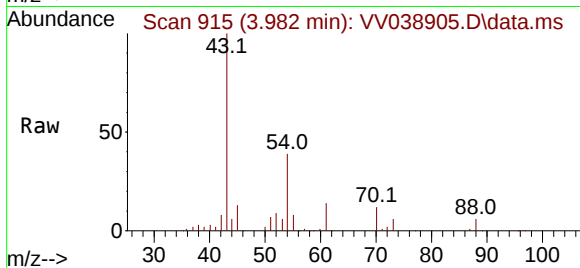
Tgt Ion: 43 Resp: 134546

Ion Ratio Lower Upper

43 100

61 12.6 11.1 16.7

70 10.6 8.9 13.3



#38

Carbon Tetrachloride

Concen: 18.432 ug/l

RT: 4.731 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

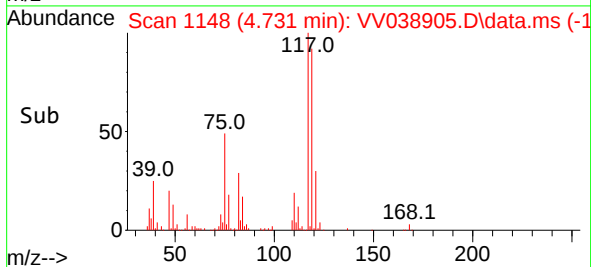
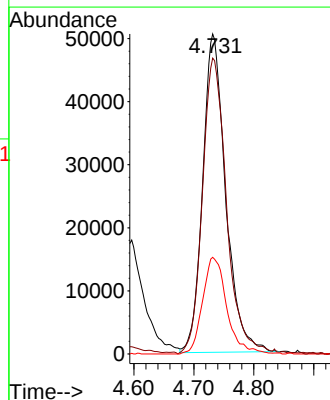
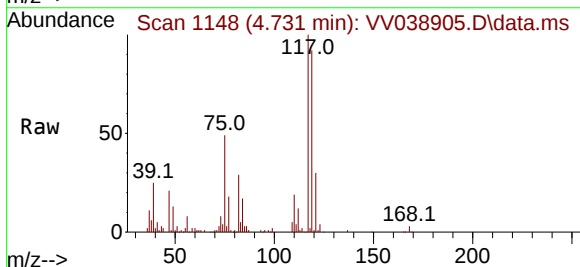
Tgt Ion:117 Resp: 134673

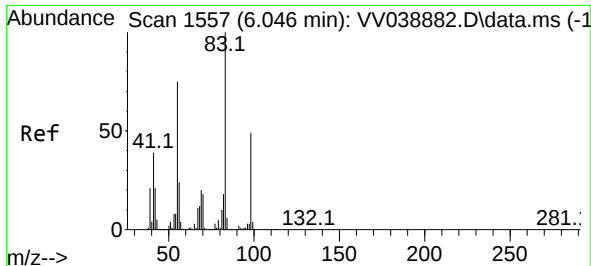
Ion Ratio Lower Upper

117 100

119 92.7 76.0 114.0

121 30.4 23.1 34.7

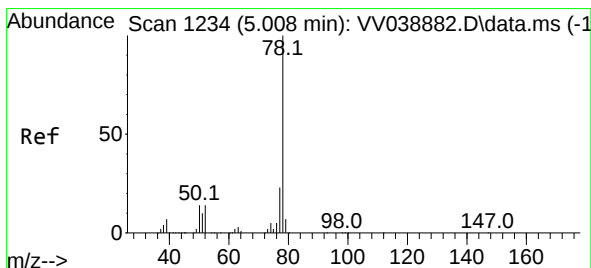
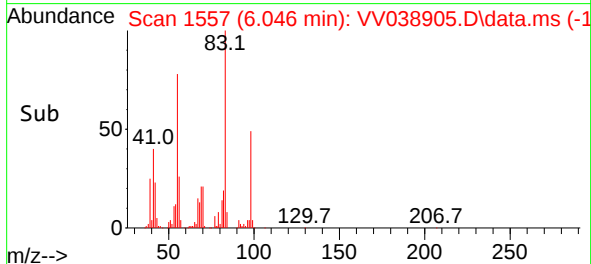
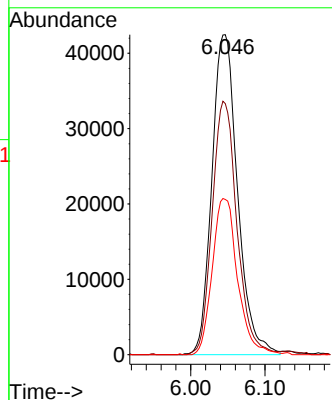
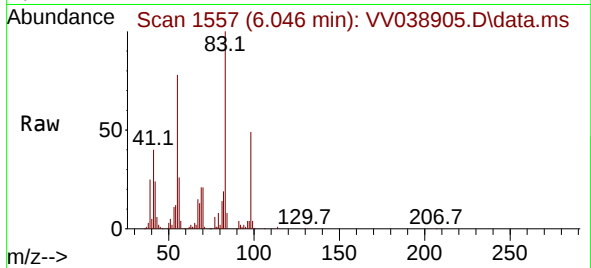




#39
Methylcyclohexane
Concen: 15.747 ug/l
RT: 6.046 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

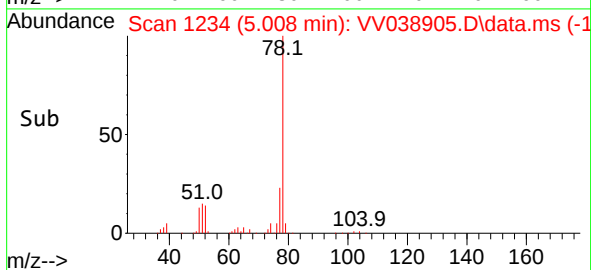
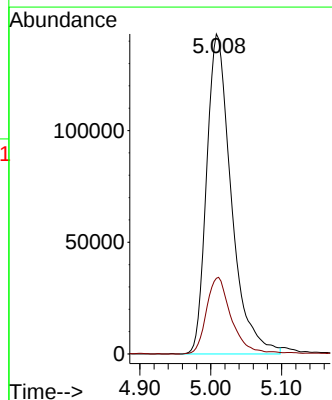
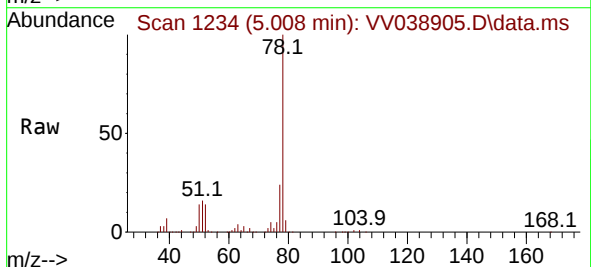
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

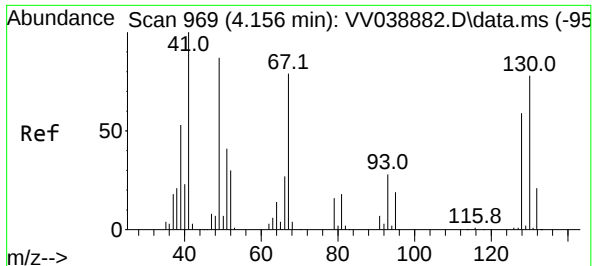
Tgt Ion: 83 Resp: 102205
Ion Ratio Lower Upper
83 100
55 78.5 60.0 90.0
98 48.2 39.0 58.6



#40
Benzene
Concen: 18.563 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 78 Resp: 346147
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

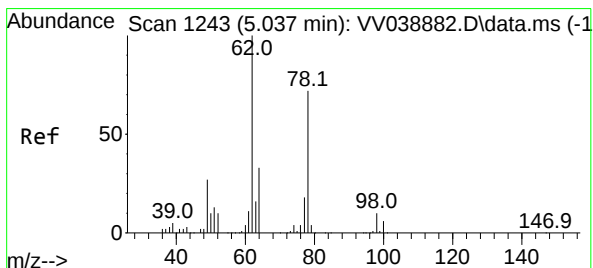
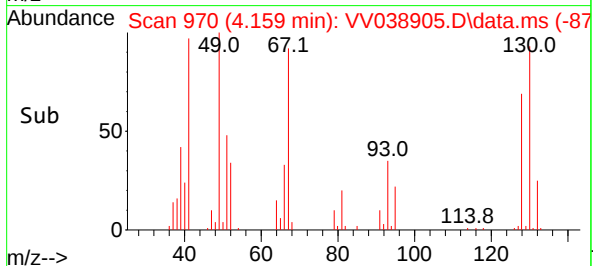
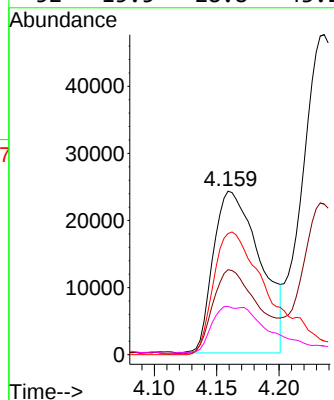
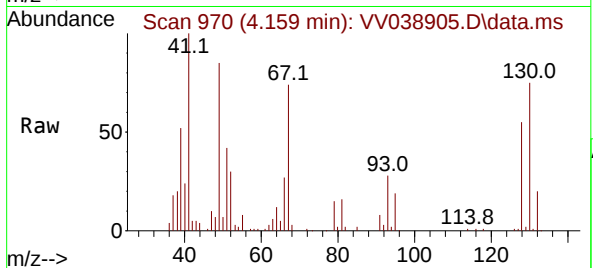




#41
Methacrylonitrile
Concen: 21.221 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

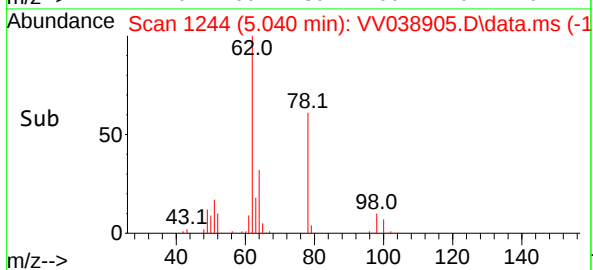
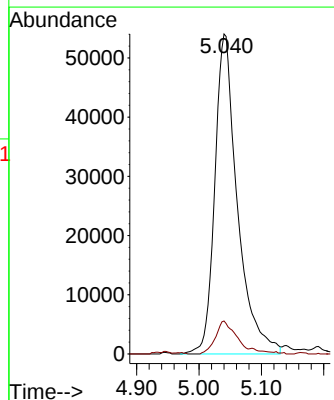
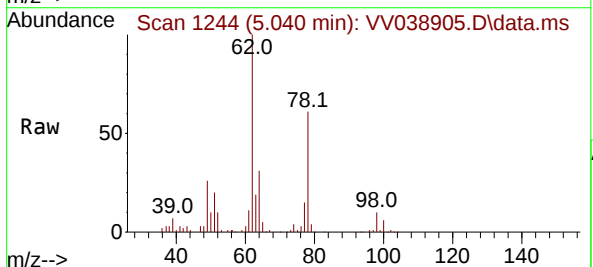
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

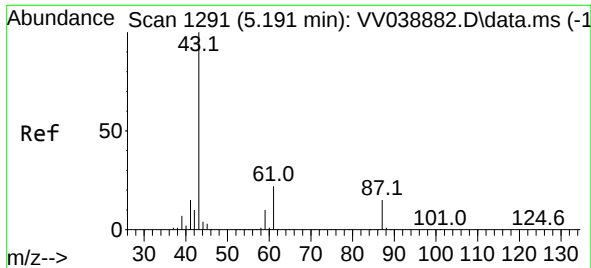
Tgt Ion: 41 Resp: 63075
Ion Ratio Lower Upper
41 100
39 49.7 42.0 63.0
67 93.6 76.2 114.2
52 15.5 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 19.163 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 62 Resp: 136200
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

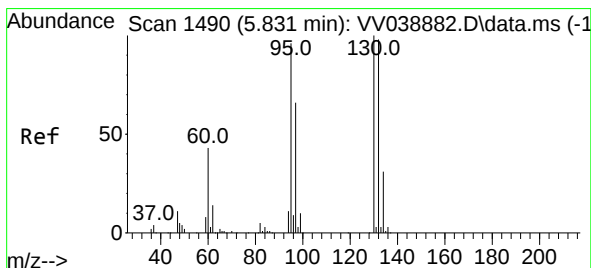
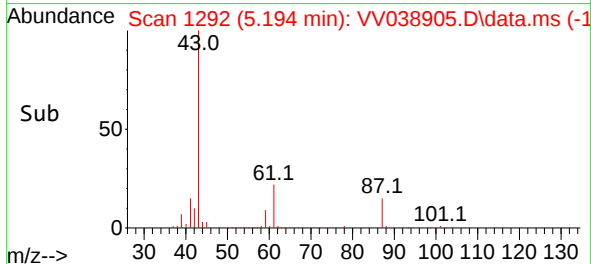
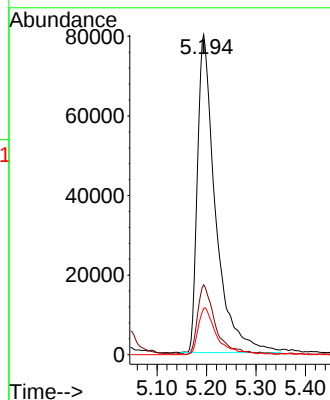
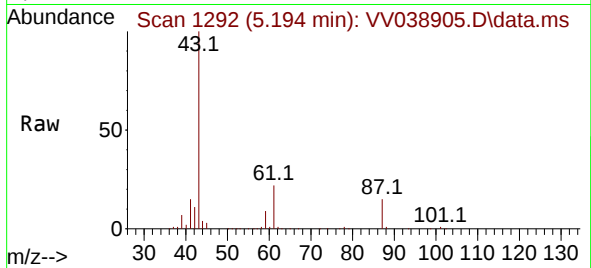




#43
Isopropyl Acetate
Concen: 19.847 ug/l
RT: 5.194 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

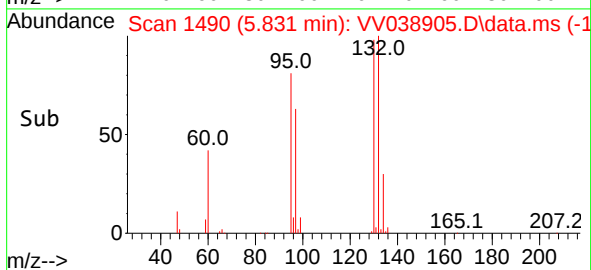
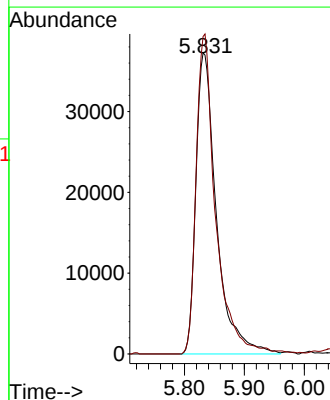
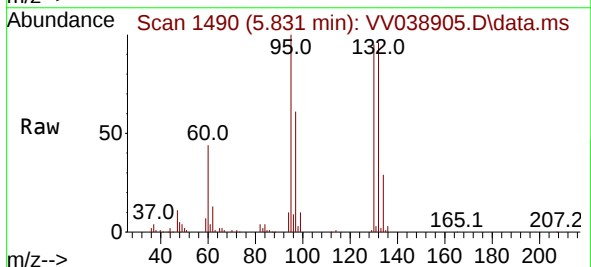
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

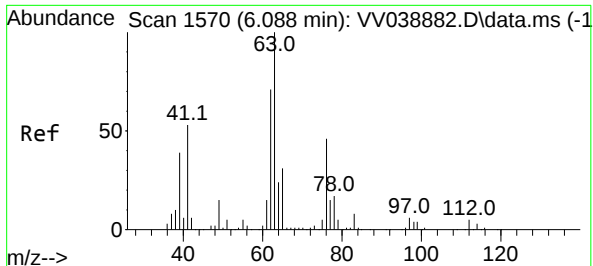
Tgt Ion: 43 Resp: 203280
Ion Ratio Lower Upper
43 100
61 21.1 17.1 25.7
87 14.3 12.2 18.4



#44
Trichloroethene
Concen: 18.237 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:130 Resp: 88859
Ion Ratio Lower Upper
130 100
95 105.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.059 ug/l

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

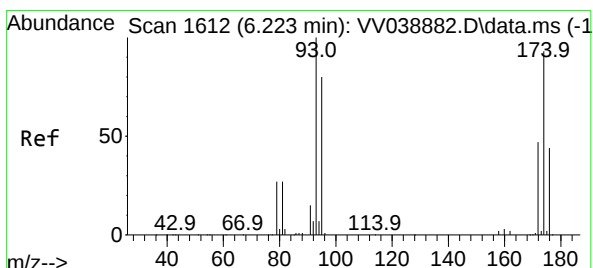
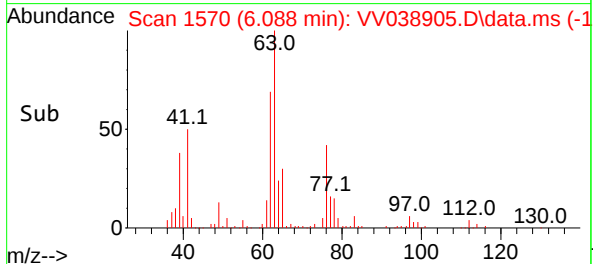
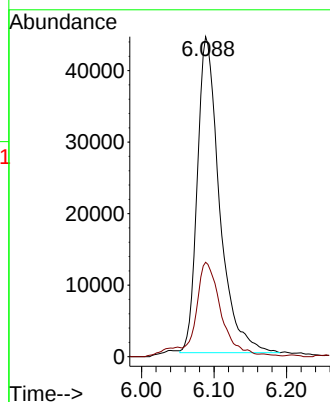
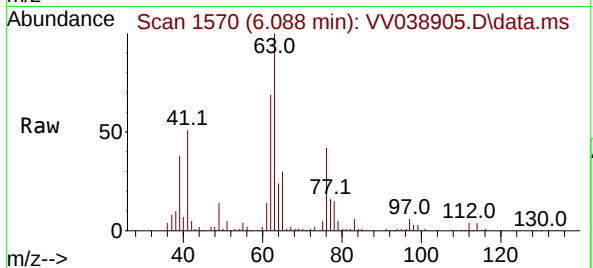
VV0716WBS01

Tgt Ion: 63 Resp: 93880

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 19.011 ug/l

RT: 6.226 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

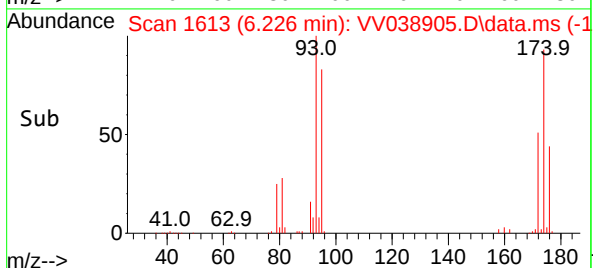
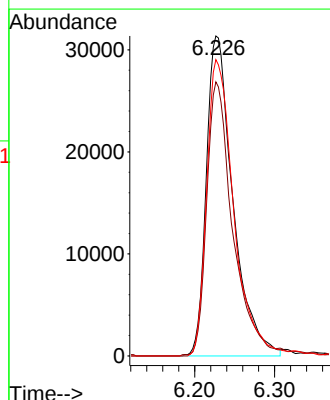
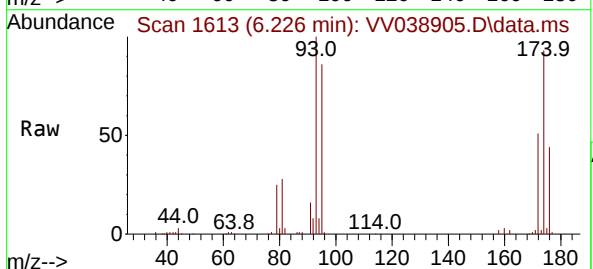
Tgt Ion: 93 Resp: 72452

Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 94.6 75.3 112.9

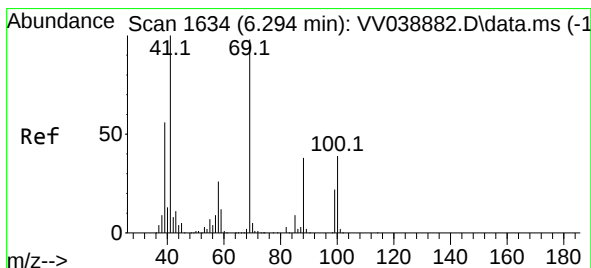
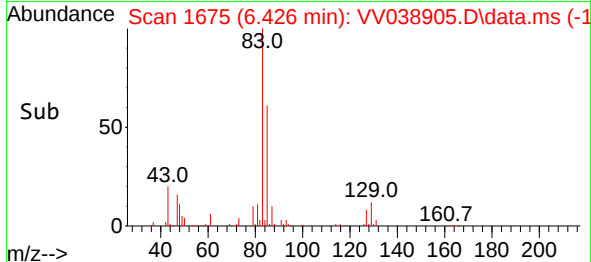
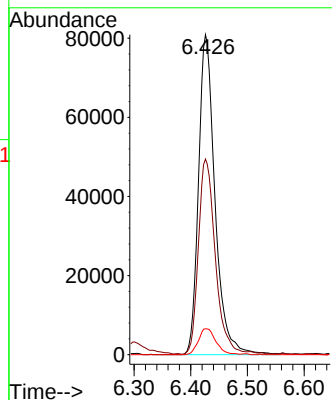
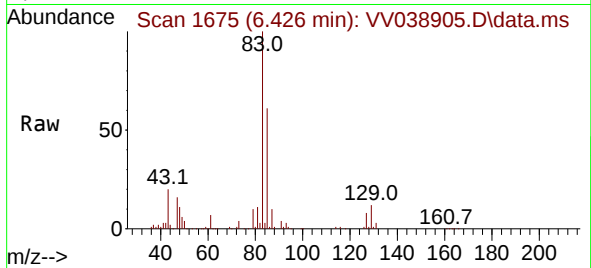




#47
Bromodichloromethane
Concen: 20.250 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

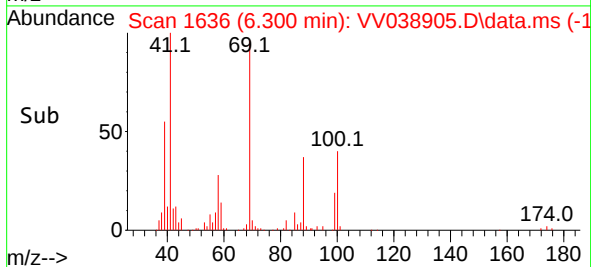
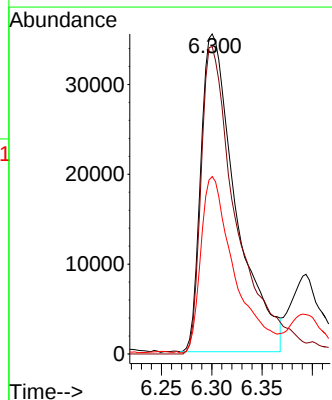
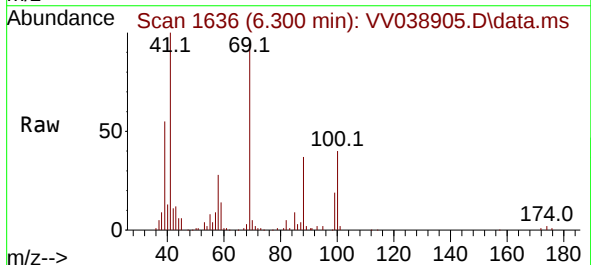
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

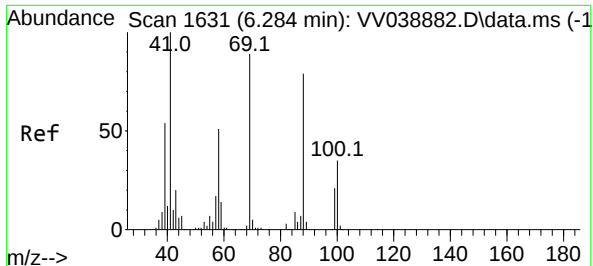
Tgt Ion: 83 Resp: 163786
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.0
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 19.273 ug/l
RT: 6.300 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 41 Resp: 85670
Ion Ratio Lower Upper
41 100
69 98.7 79.4 119.2
39 53.3 44.0 66.0





#49

1,4-Dioxane

Concen: 397.190 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

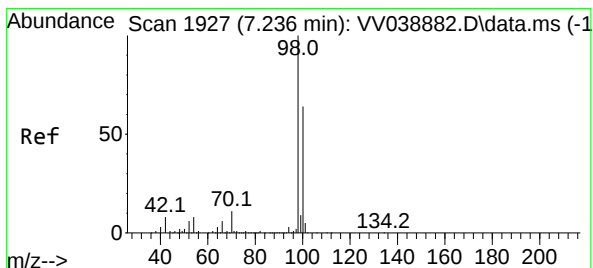
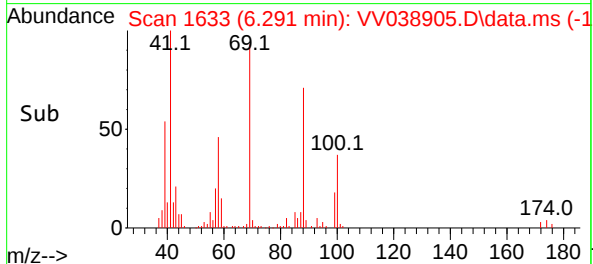
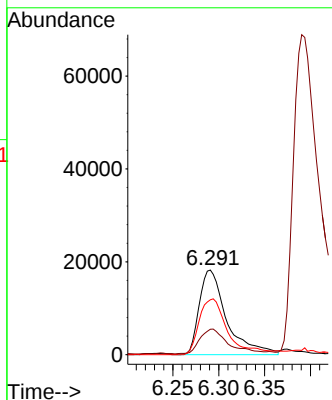
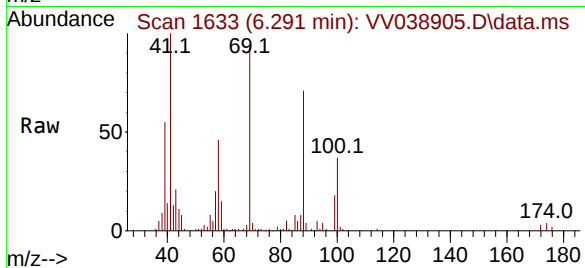
Tgt Ion: 88 Resp: 38040

Ion Ratio Lower Upper

88 100

43 30.8 23.0 34.4

58 69.6 53.8 80.6



#50

Toluene-d8

Concen: 50.805 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038905.D

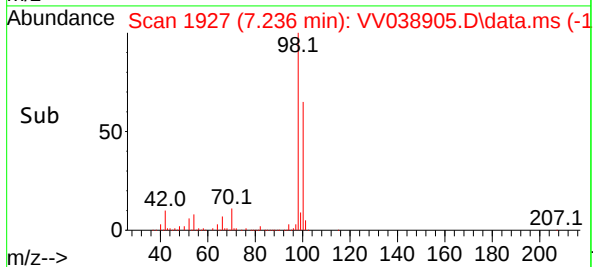
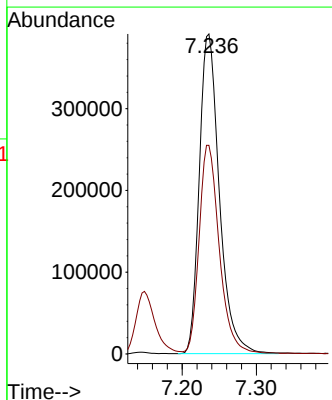
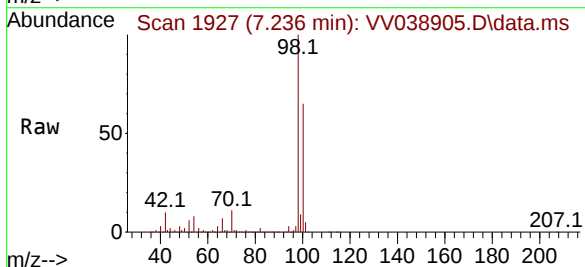
Acq: 16 Jul 2025 13:09

Tgt Ion: 98 Resp: 735015

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

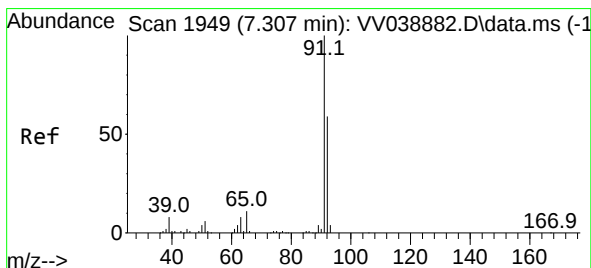
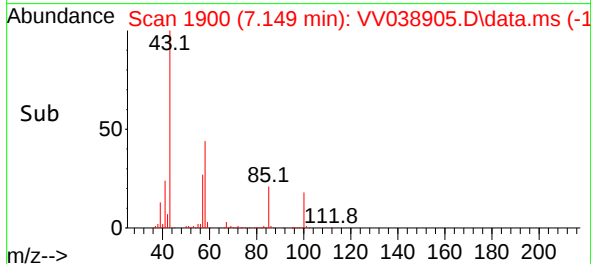
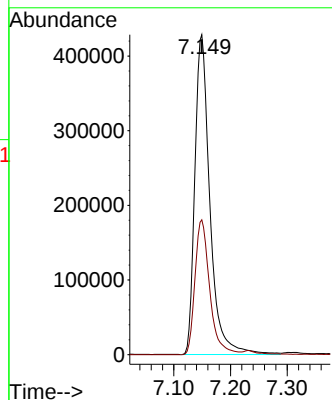
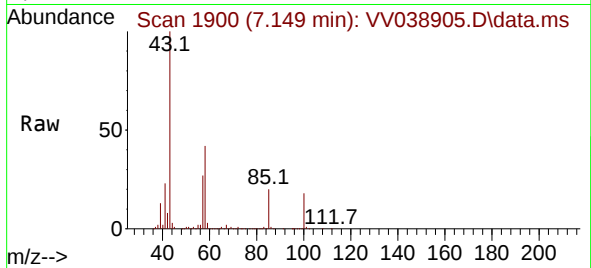




#51
4-Methyl-2-Pentanone
Concen: 113.349 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

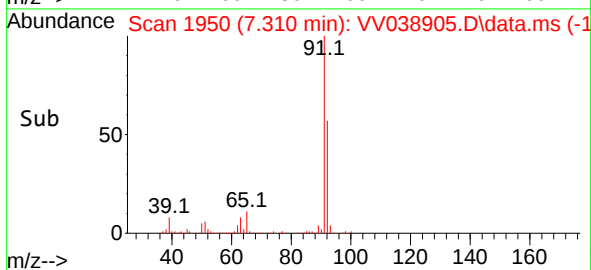
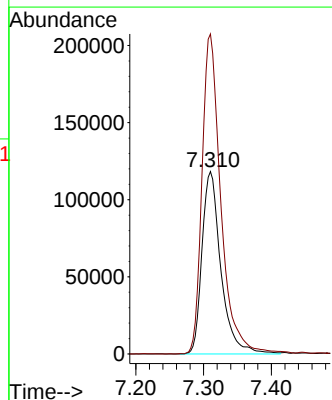
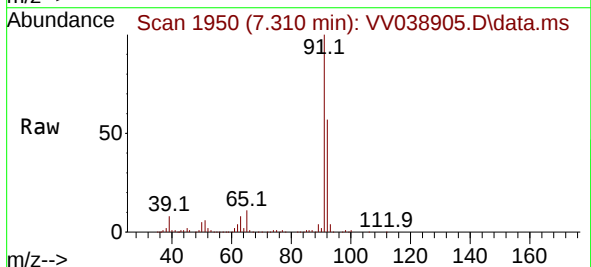
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

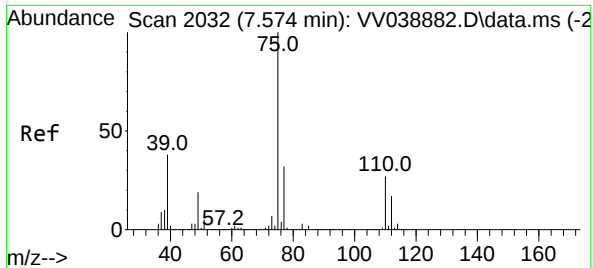
Tgt Ion: 43 Resp: 790525
Ion Ratio Lower Upper
43 100
58 41.3 34.5 51.7



#52
Toluene
Concen: 19.523 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 92 Resp: 229336
Ion Ratio Lower Upper
92 100
91 175.3 137.1 205.7

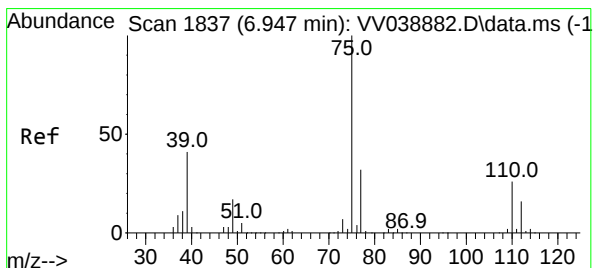
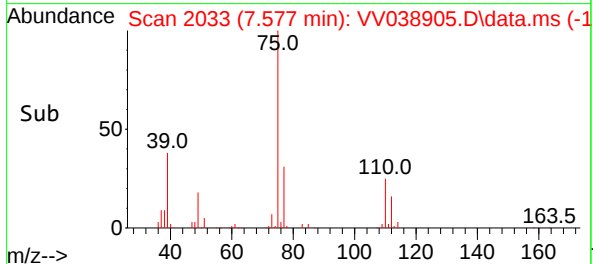
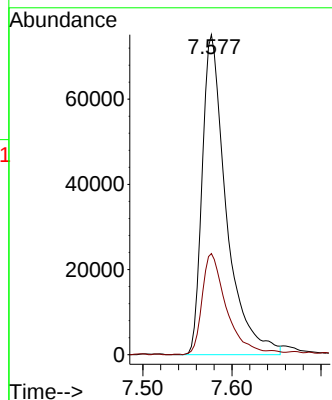
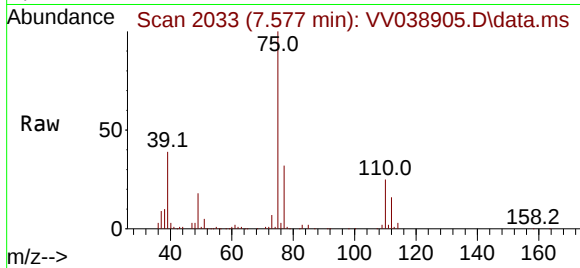




#53
 t-1,3-Dichloropropene
 Concen: 19.239 ug/l
 RT: 7.577 min Scan# 2032
 Delta R.T. 0.003 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

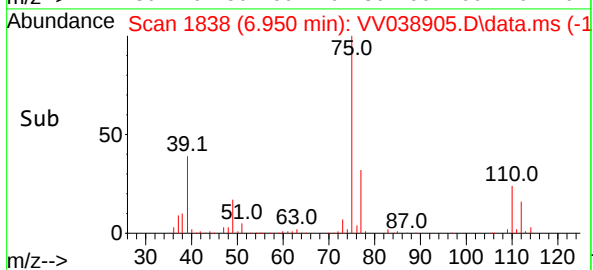
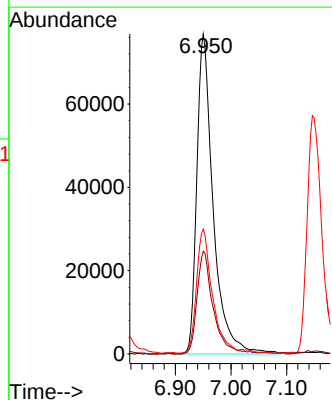
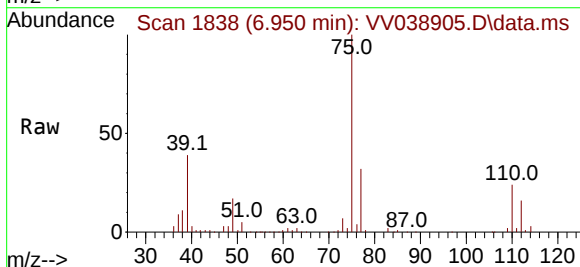
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBS01

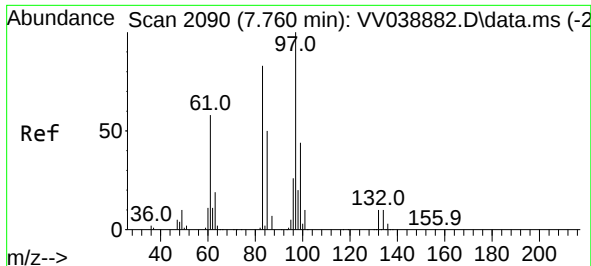
Tgt Ion: 75 Resp: 140801
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.829 ug/l
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV038905.D
 Acq: 16 Jul 2025 13:09

Tgt Ion: 75 Resp: 156875
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 38.6 33.1 49.7

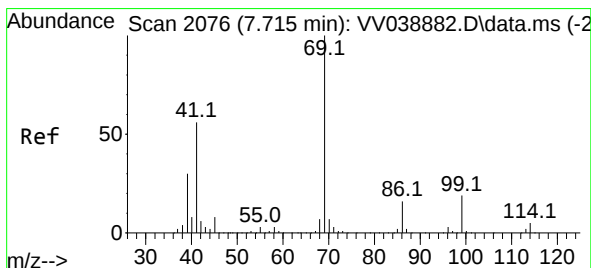
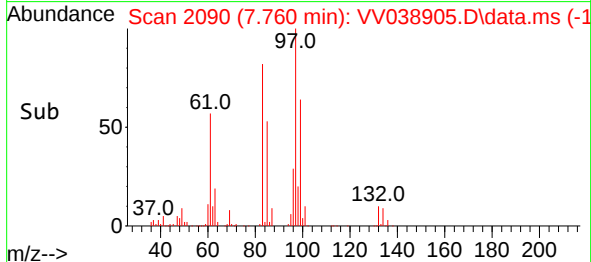
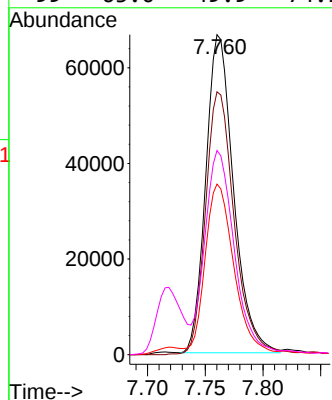
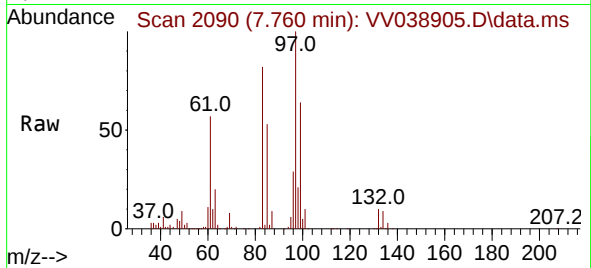




#55
1,1,2-Trichloroethane
Concen: 19.877 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

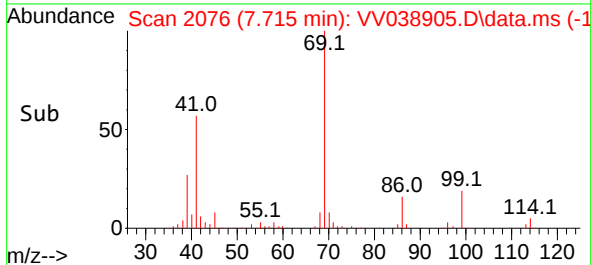
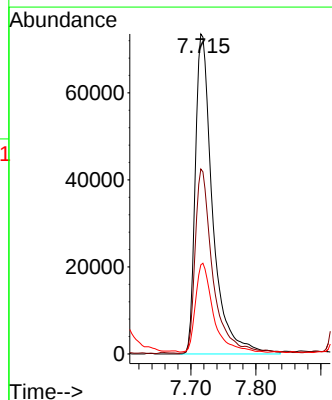
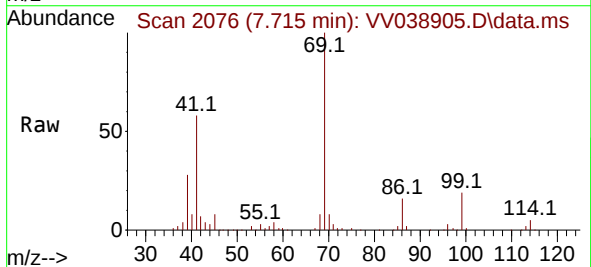
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

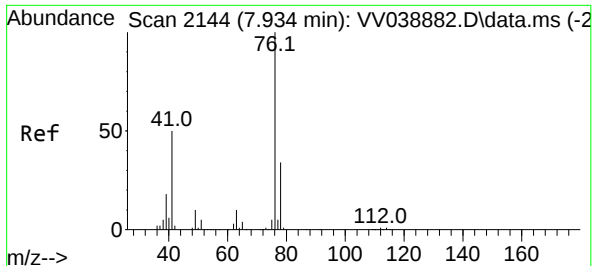
Tgt Ion:	97	Resp:	111605
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.2	99.4
85	52.6	41.4	62.2
99	63.0	49.9	74.9



#56
Ethyl methacrylate
Concen: 20.559 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:	69	Resp:	137173
Ion	Ratio	Lower	Upper
69	100		
41	57.9	45.7	68.5
39	28.5	23.8	35.8





#57

1,3-Dichloropropane

Concen: 20.144 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

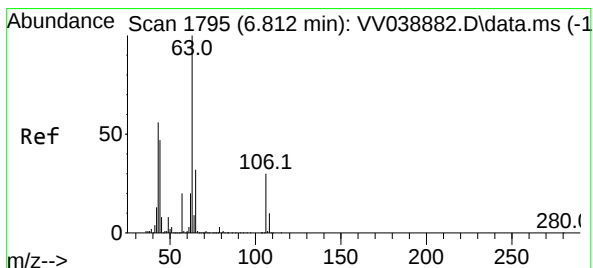
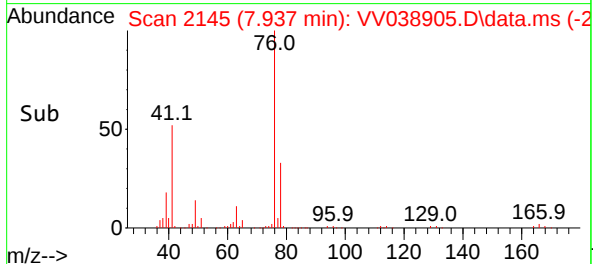
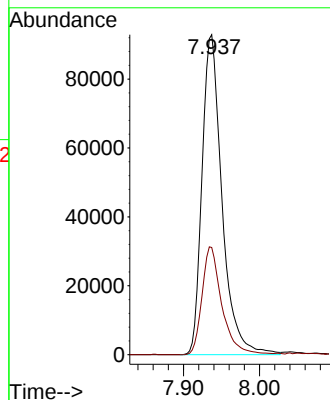
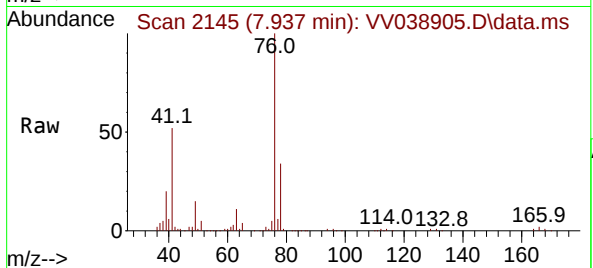
VV0716WBS01

Tgt Ion: 76 Resp: 169592

Ion Ratio Lower Upper

76 100

78 33.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 114.004 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV038905.D

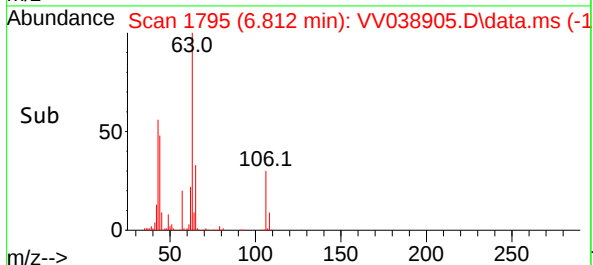
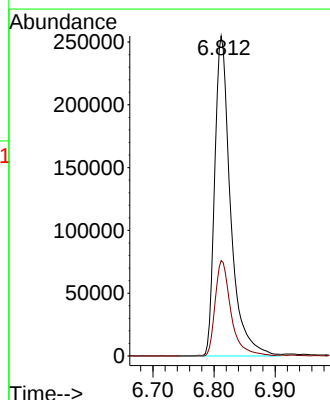
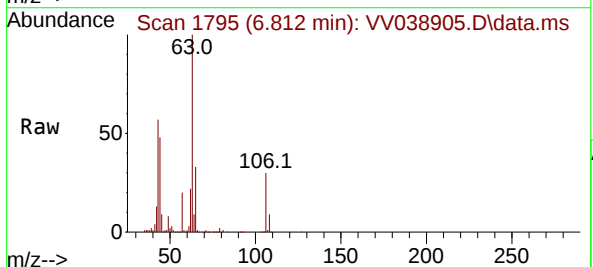
Acq: 16 Jul 2025 13:09

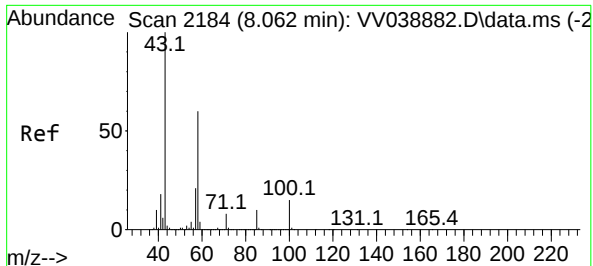
Tgt Ion: 63 Resp: 459045

Ion Ratio Lower Upper

63 100

106 29.7 24.1 36.1

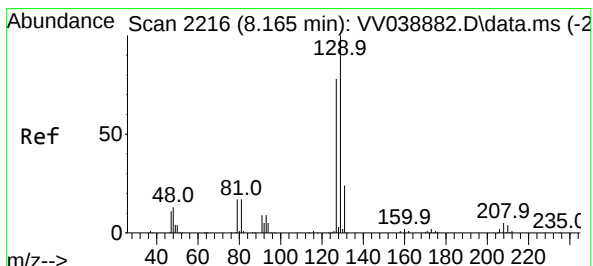
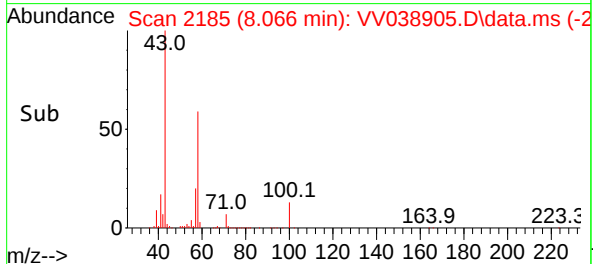
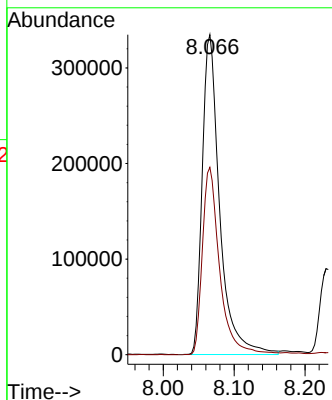
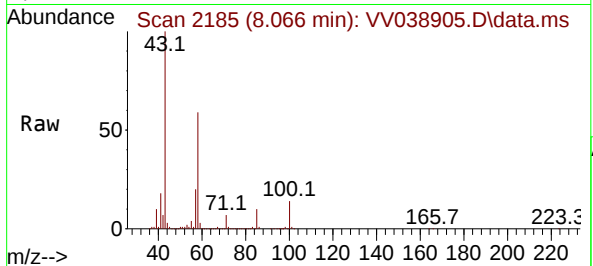




#59
2-Hexanone
Concen: 110.176 ug/l
RT: 8.066 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

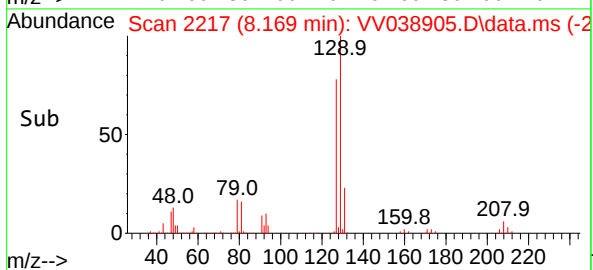
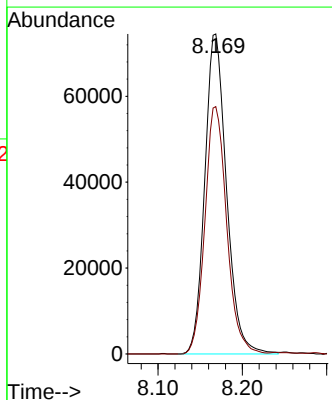
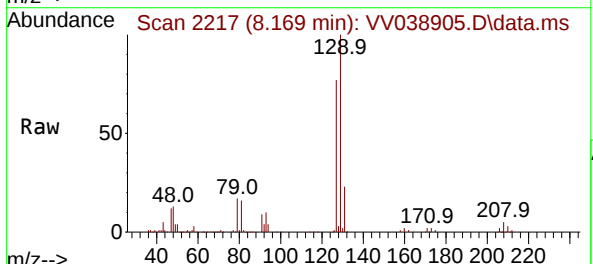
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

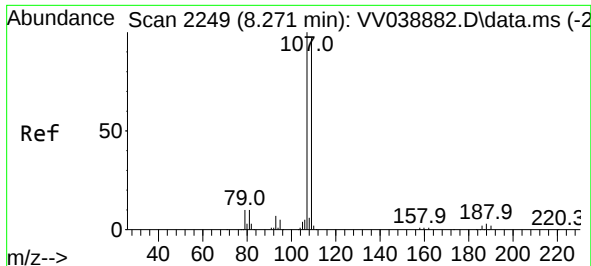
Tgt Ion: 43 Resp: 571997
Ion Ratio Lower Upper
43 100
58 58.1 29.6 88.8



#60
Dibromochloromethane
Concen: 20.237 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 129 Resp: 133811
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2

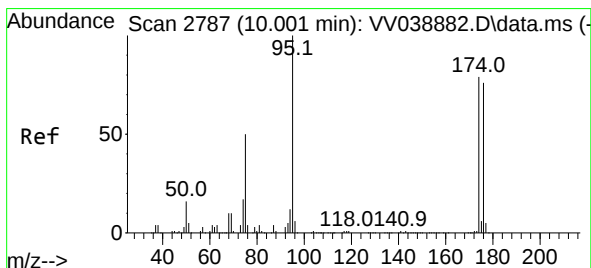
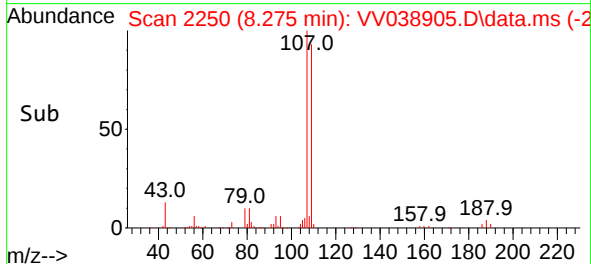
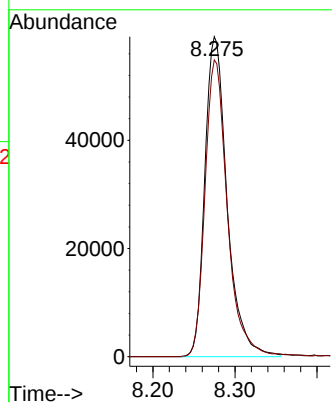
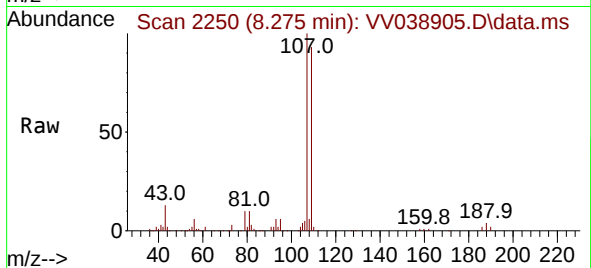




#61
1,2-Dibromoethane
Concen: 19.737 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

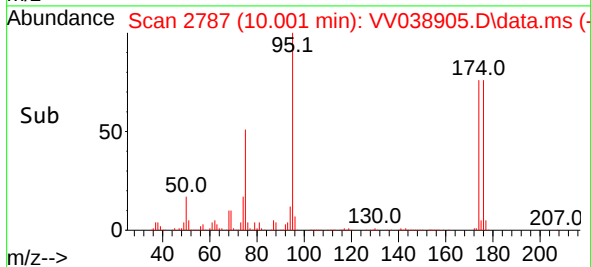
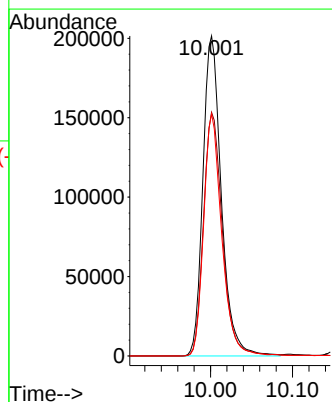
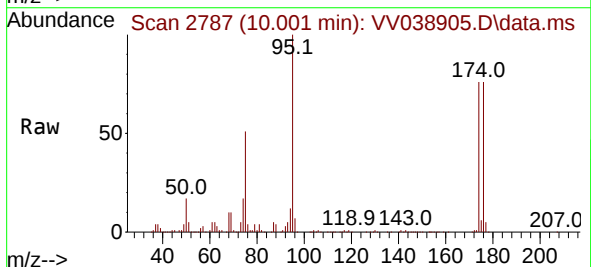
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

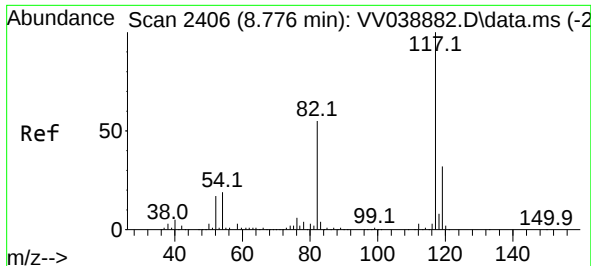
Tgt Ion:107 Resp: 111641
Ion Ratio Lower Upper
107 100
109 93.6 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 54.019 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 95 Resp: 314819
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.1 0.0 152.2

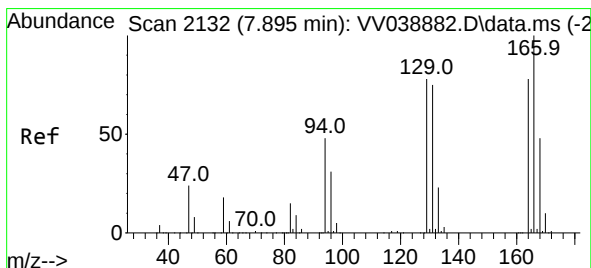
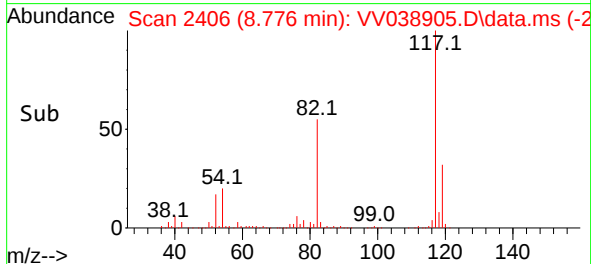
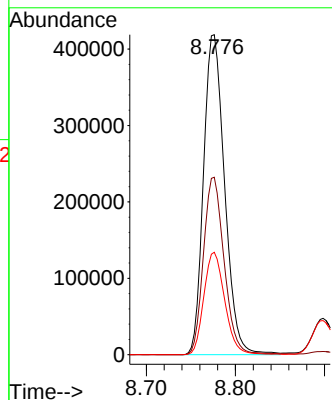
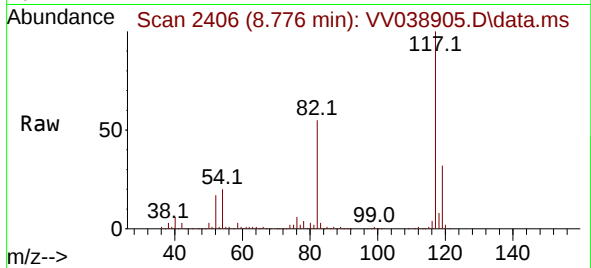




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

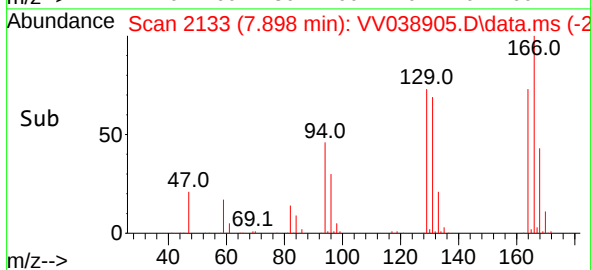
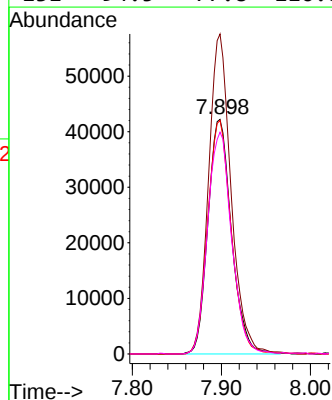
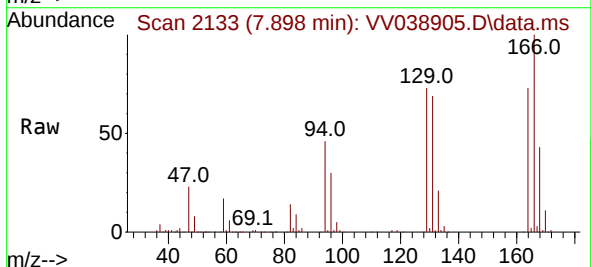
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

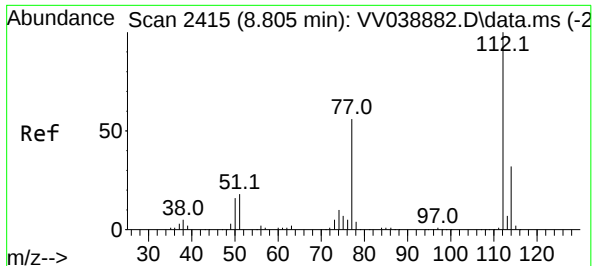
Tgt Ion:117 Resp: 689115
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 17.089 ug/l
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:164 Resp: 77232
Ion Ratio Lower Upper
164 100
166 136.4 103.2 154.8
129 99.6 81.0 121.4
131 94.5 77.8 116.8





#65

Chlorobenzene

Concen: 18.536 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

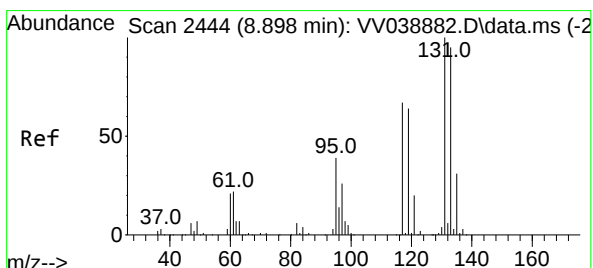
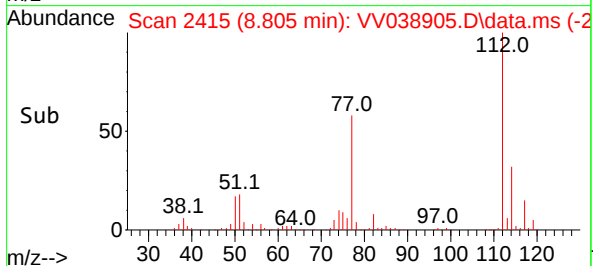
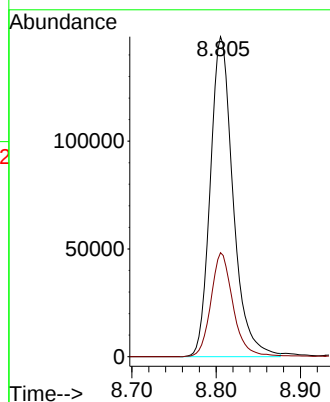
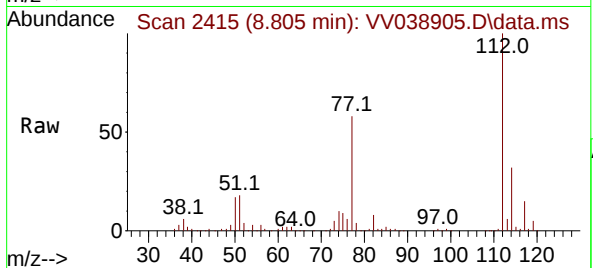
VV0716WBS01

Tgt Ion:112 Resp: 279095

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.762 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

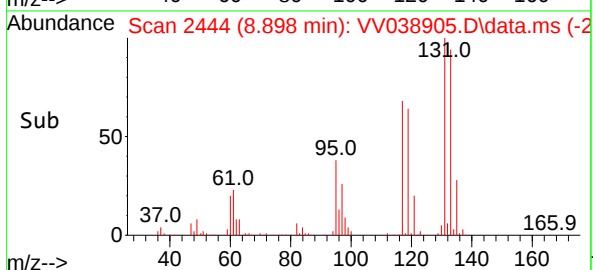
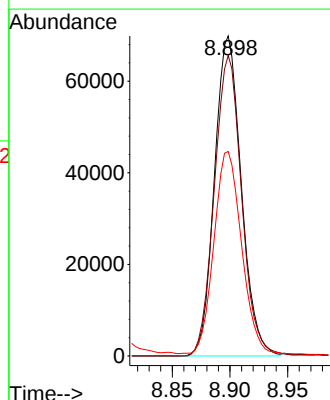
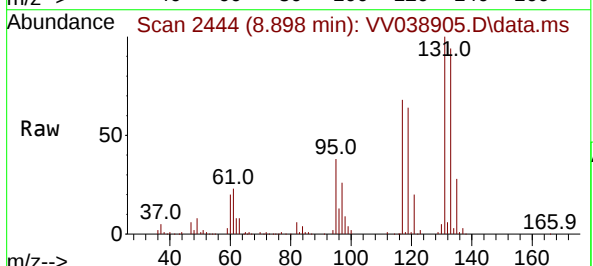
Tgt Ion:131 Resp: 112661

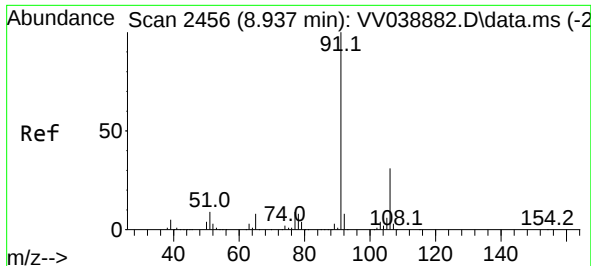
Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

119 66.3 32.0 96.2





#67

Ethyl Benzene

Concen: 18.634 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

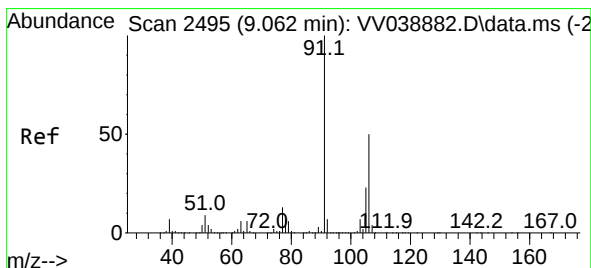
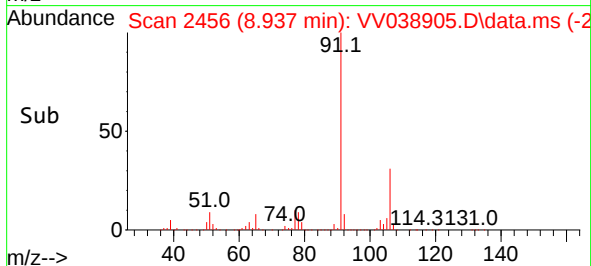
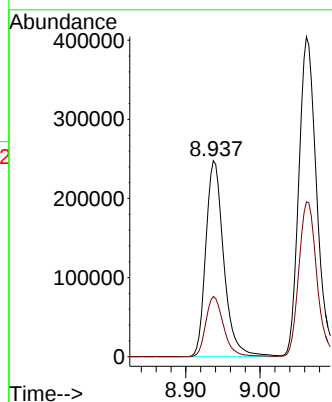
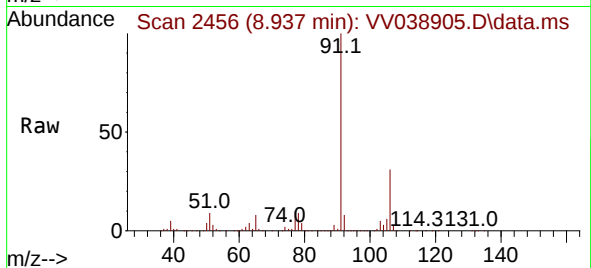
VV0716WBS01

Tgt Ion: 91 Resp: 416615

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



#68

m/p-Xylenes

Concen: 38.019 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038905.D

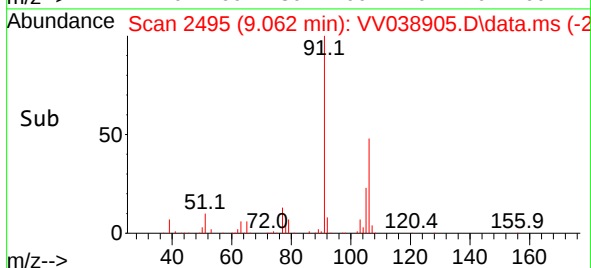
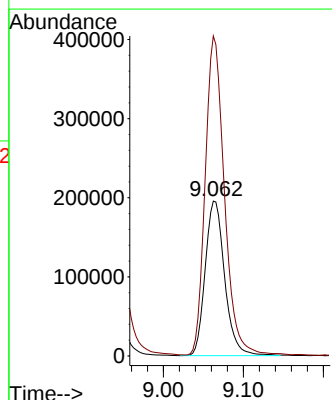
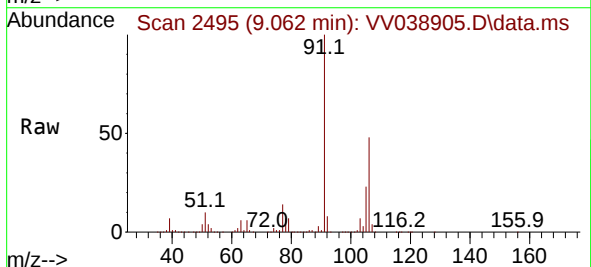
Acq: 16 Jul 2025 13:09

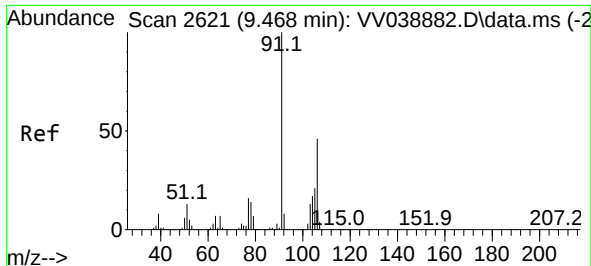
Tgt Ion:106 Resp: 330946

Ion Ratio Lower Upper

106 100

91 204.0 161.0 241.6

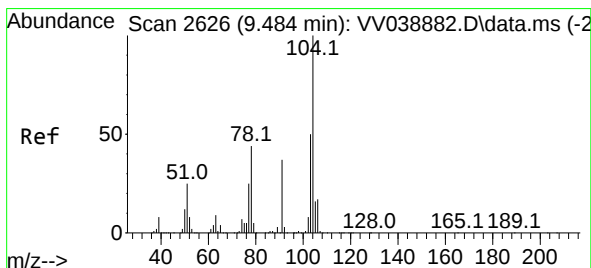
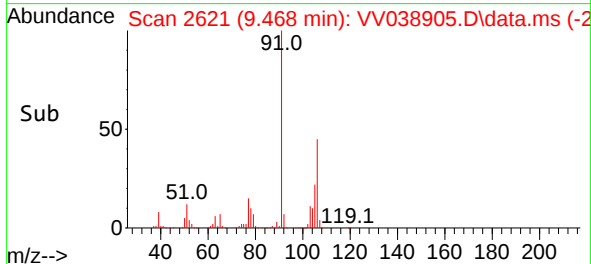
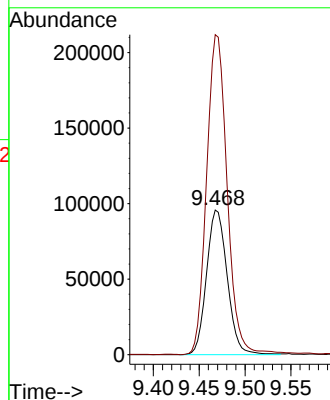
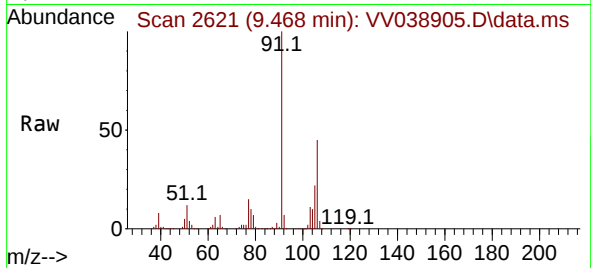




#69
o-Xylene
Concen: 18.340 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

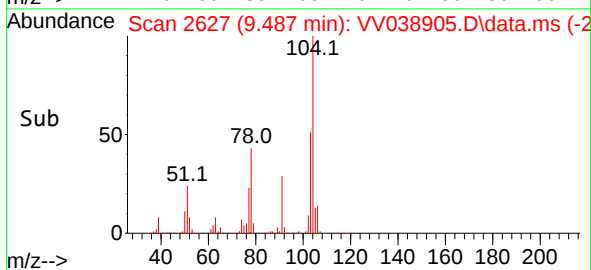
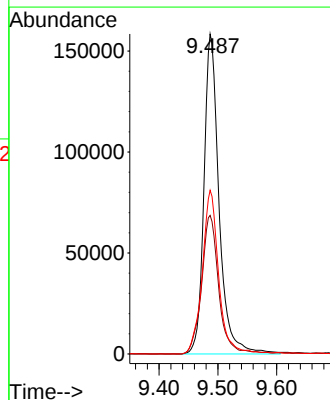
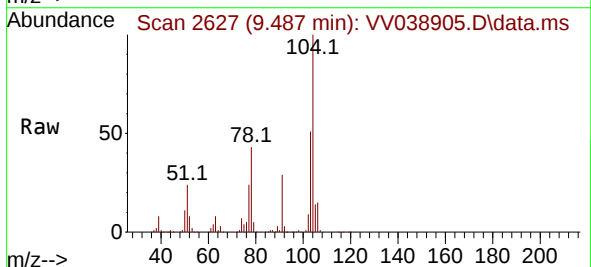
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

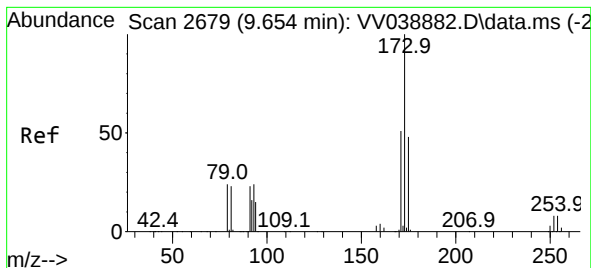
Tgt Ion:106 Resp: 150679
Ion Ratio Lower Upper
106 100
91 220.1 108.9 326.6



#70
Styrene
Concen: 19.485 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:104 Resp: 282944
Ion Ratio Lower Upper
104 100
78 49.3 39.9 59.9
103 54.7 43.4 65.2





#71

Bromoform

Concen: 19.106 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

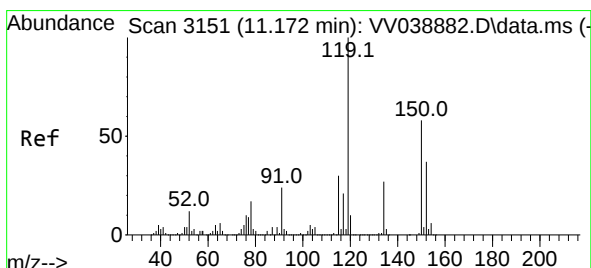
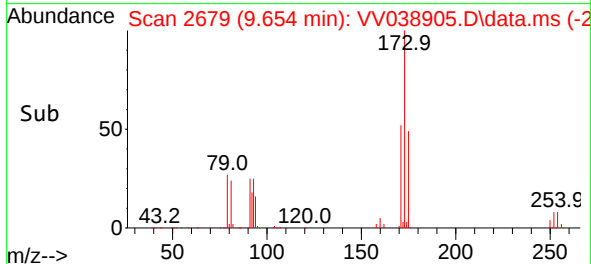
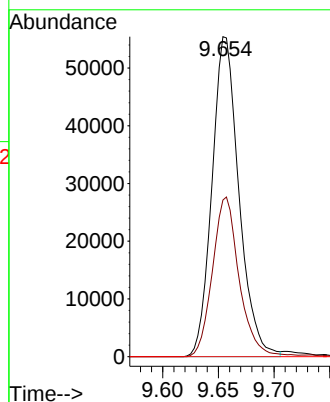
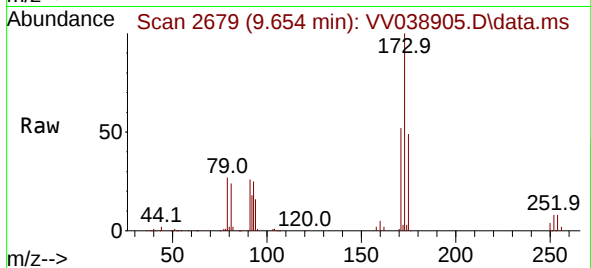
Tgt Ion:173 Resp: 93255

Ion Ratio Lower Upper

173 100

175 49.5 23.5 70.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

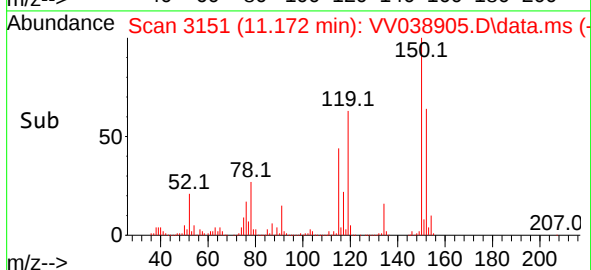
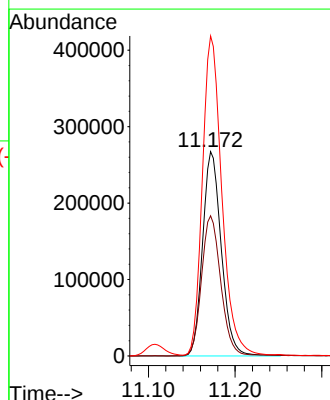
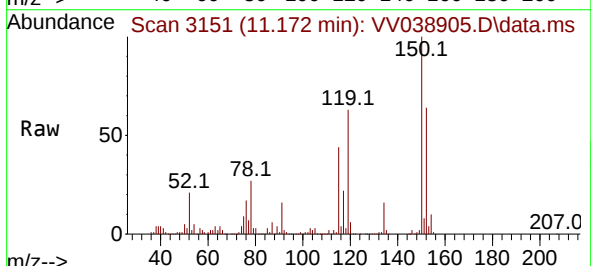
Tgt Ion:152 Resp: 400772

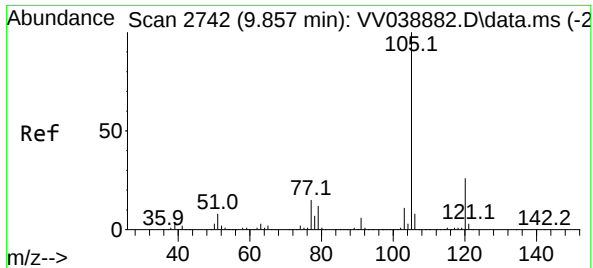
Ion Ratio Lower Upper

152 100

115 70.8 41.8 125.4

150 161.9 0.0 342.4

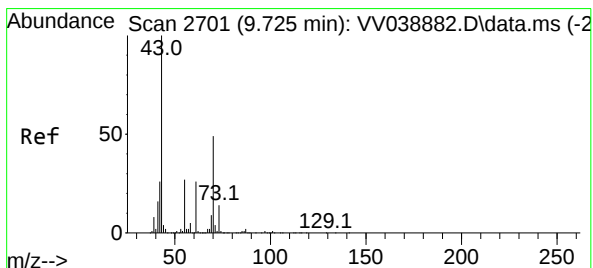
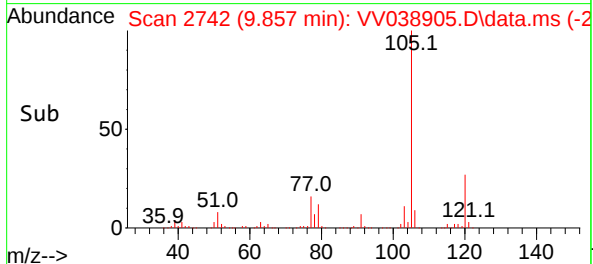
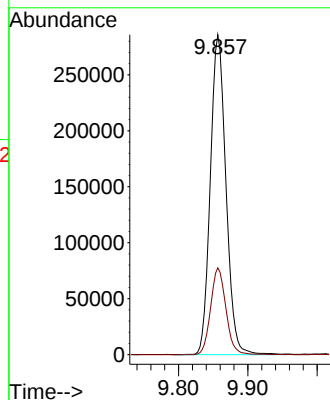
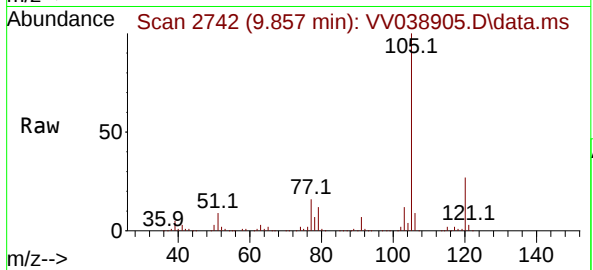




#73
Isopropylbenzene
Concen: 18.667 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

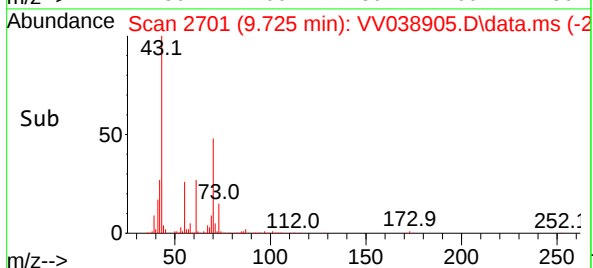
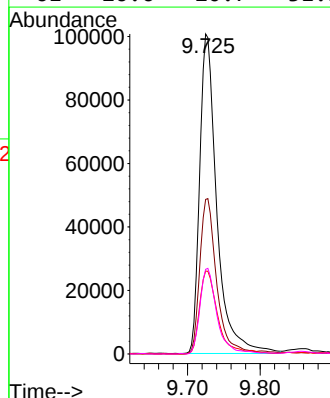
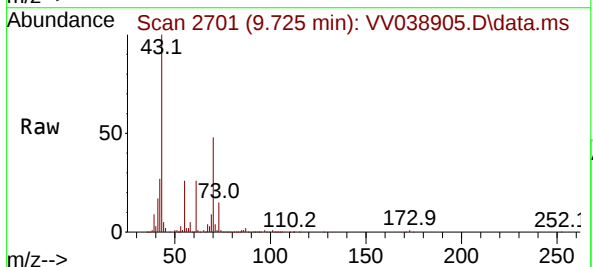
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

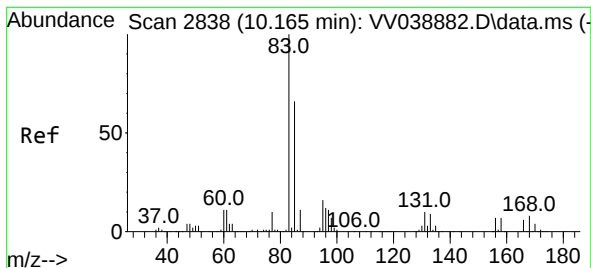
Tgt Ion:105 Resp: 447000
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.7



#74
N-ethyl acetate
Concen: 18.903 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 43 Resp: 165814
Ion Ratio Lower Upper
43 100
70 47.6 38.6 58.0
55 26.7 21.8 32.8
61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.459 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

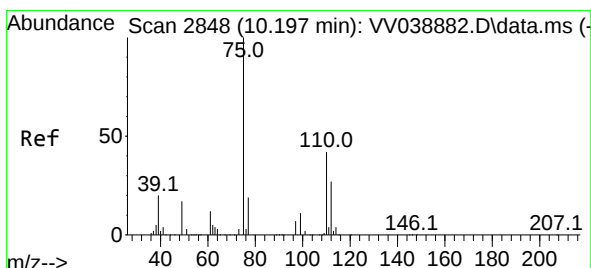
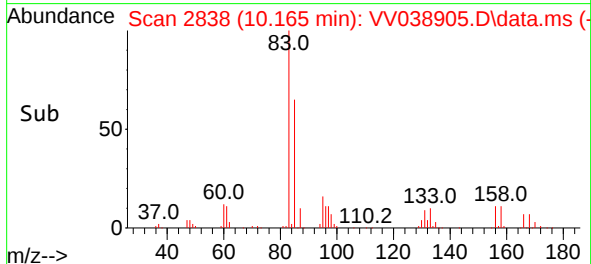
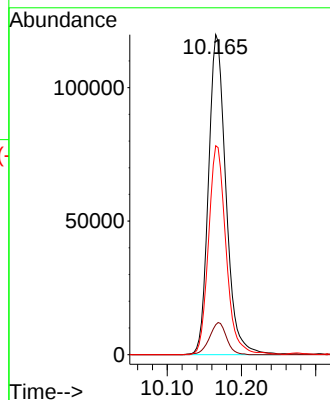
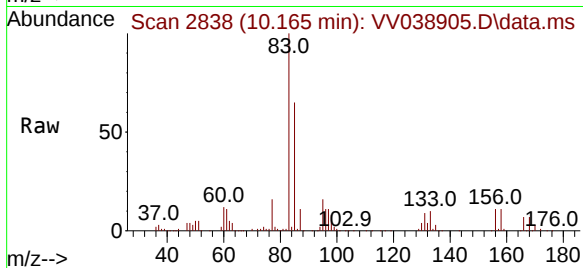
Tgt Ion: 83 Resp: 195179

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 65.5 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 19.590 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038905.D

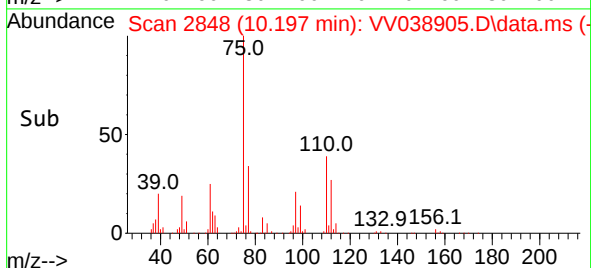
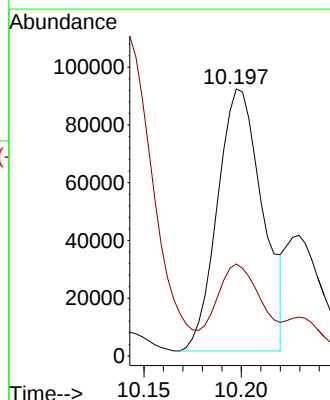
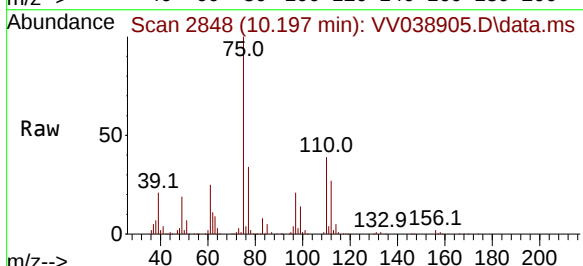
Acq: 16 Jul 2025 13:09

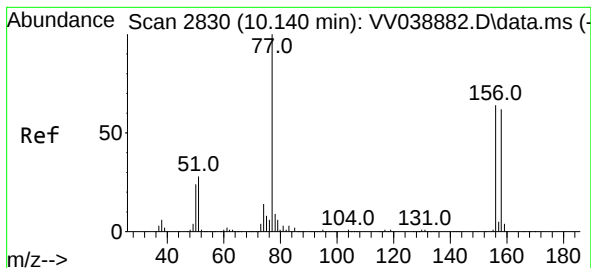
Tgt Ion: 75 Resp: 145975

Ion Ratio Lower Upper

75 100

77 22.2 17.4 52.3





#77

Bromobenzene

Concen: 19.155 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

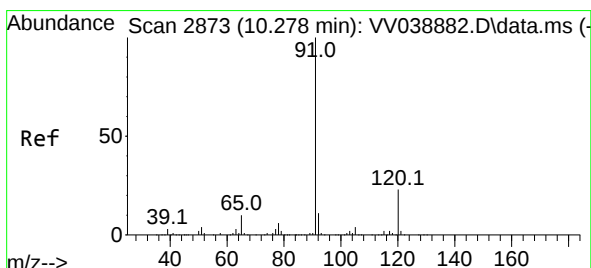
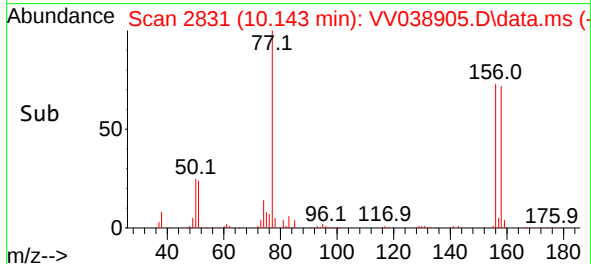
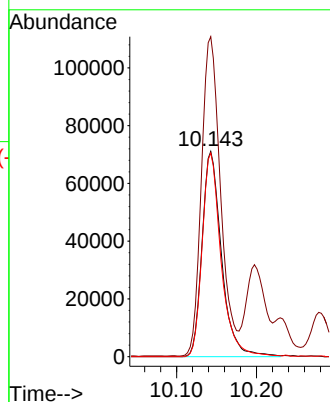
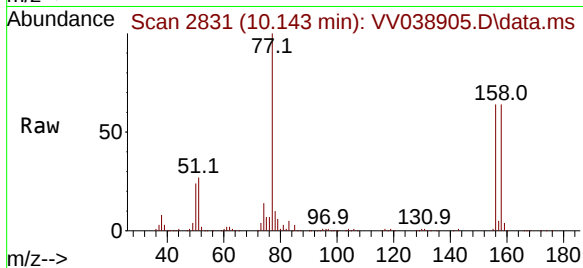
Tgt Ion:156 Resp: 120326

Ion Ratio Lower Upper

156 100

77 153.3 77.2 231.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.213 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038905.D

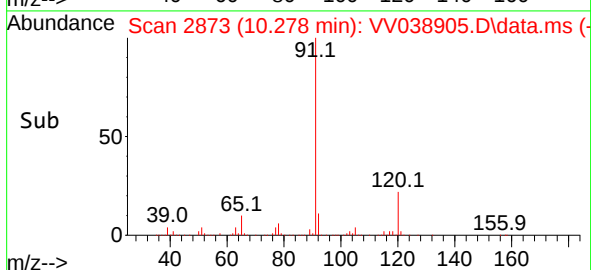
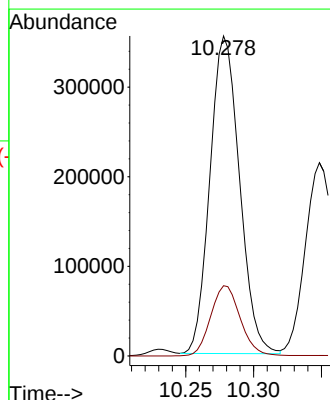
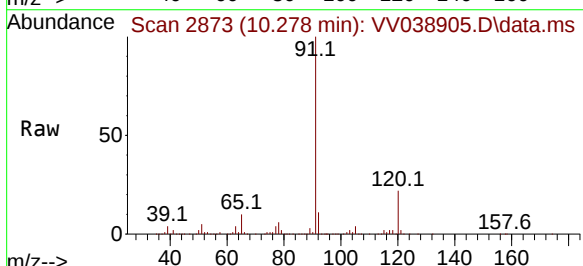
Acq: 16 Jul 2025 13:09

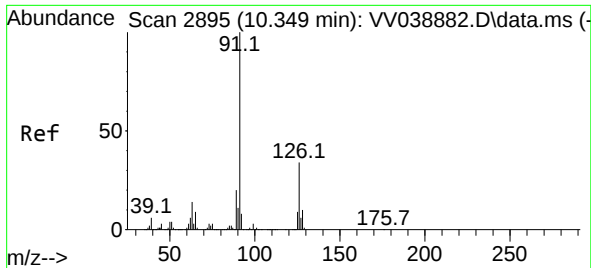
Tgt Ion: 91 Resp: 537727

Ion Ratio Lower Upper

91 100

120 22.2 11.6 34.8

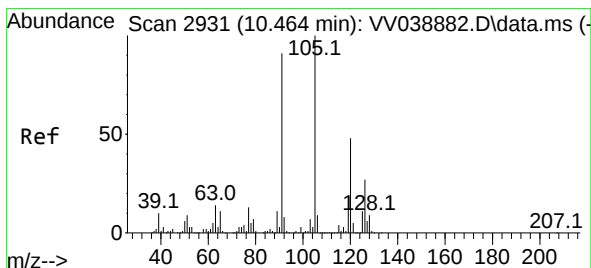
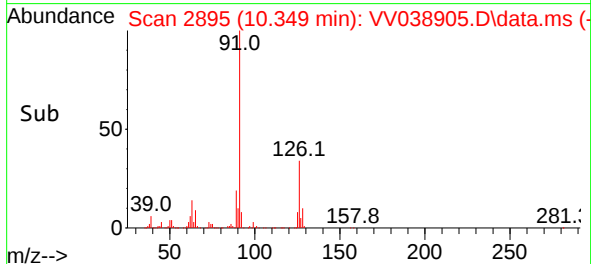
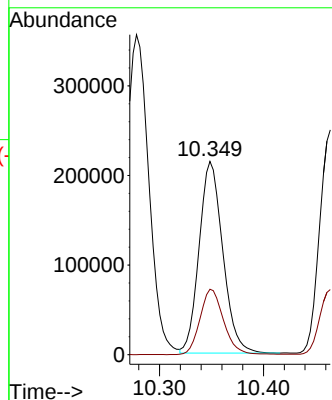
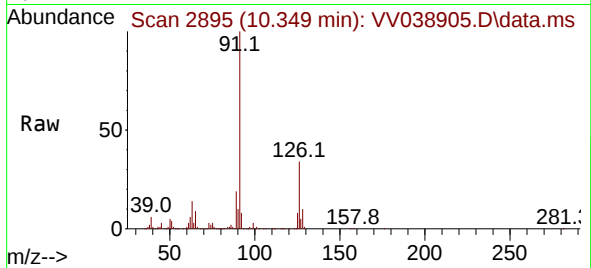




#79
2-Chlorotoluene
Concen: 19.036 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

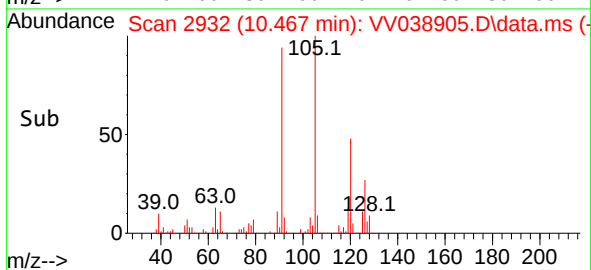
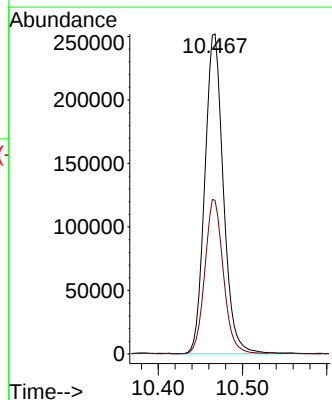
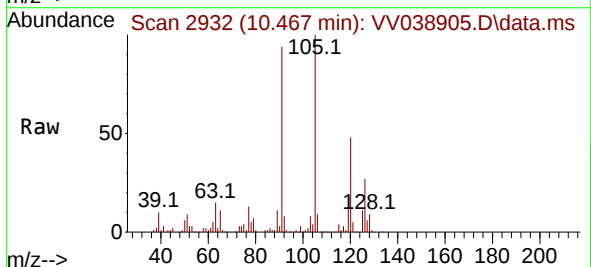
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

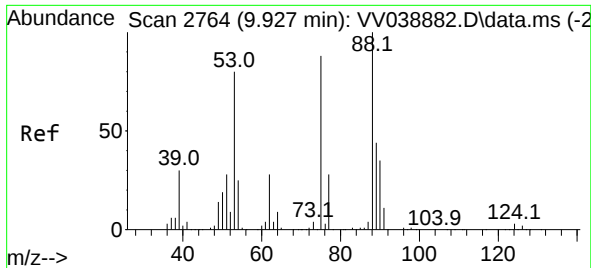
Tgt Ion: 91 Resp: 338826
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 19.141 ug/l
RT: 10.467 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 105 Resp: 386532
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0

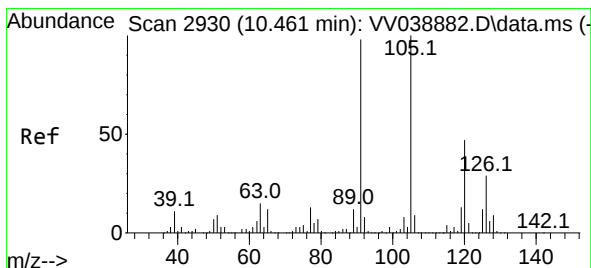
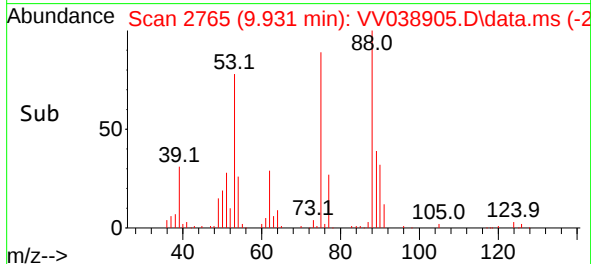
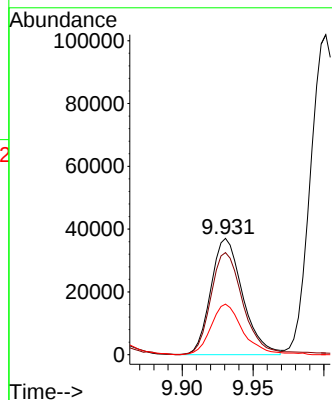
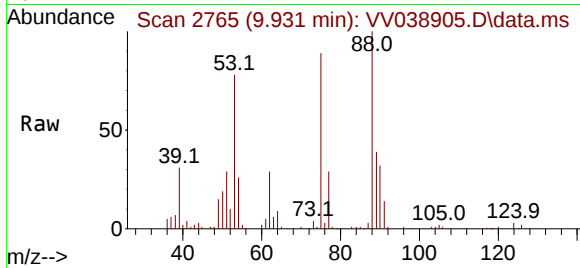




#81
trans-1,4-Dichloro-2-butene
Concen: 19.005 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

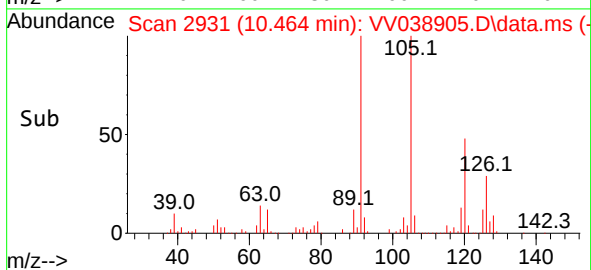
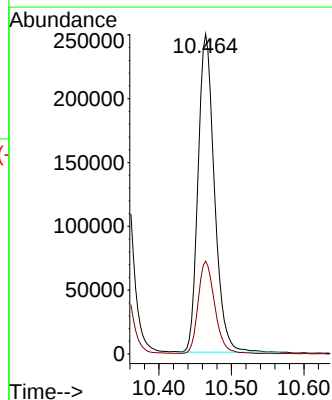
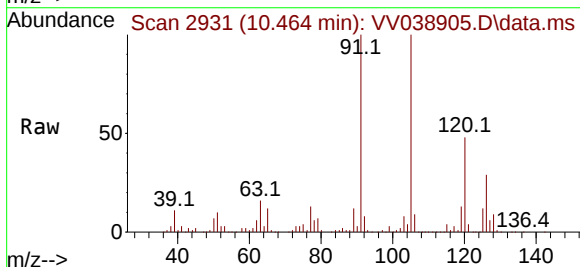
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

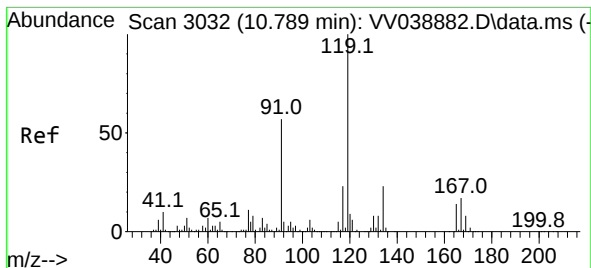
Tgt Ion: 75 Resp: 58030
Ion Ratio Lower Upper
75 100
53 89.4 71.3 106.9
89 43.8 42.2 63.2



#82
4-Chlorotoluene
Concen: 19.615 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 91 Resp: 390271
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.9





#83

tert-Butylbenzene

Concen: 18.405 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

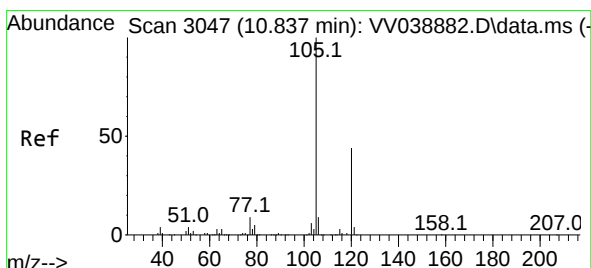
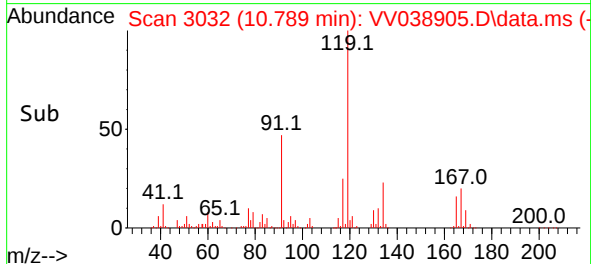
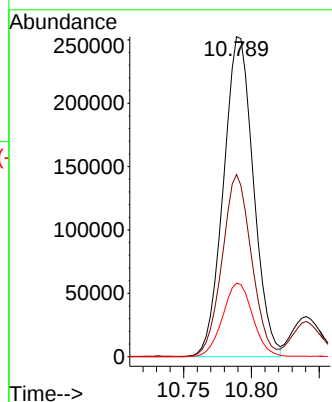
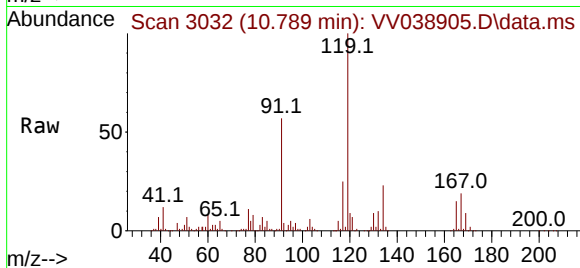
Tgt Ion:119 Resp: 389671

Ion Ratio Lower Upper

119 100

91 55.3 28.1 84.2

134 23.0 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 19.241 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038905.D

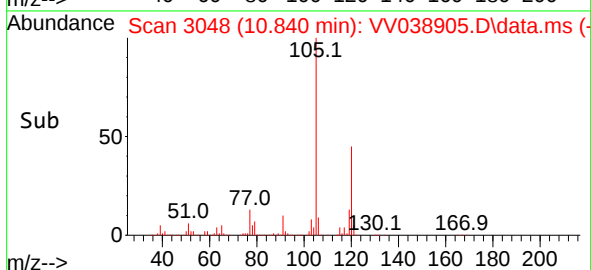
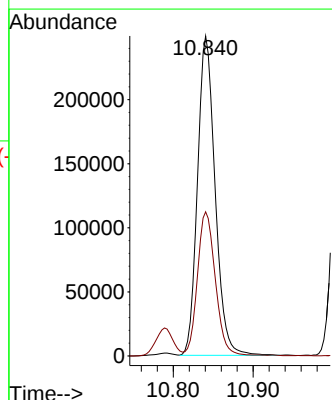
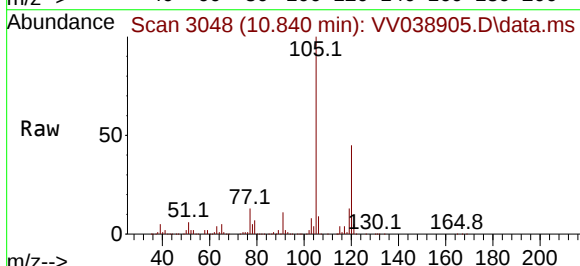
Acq: 16 Jul 2025 13:09

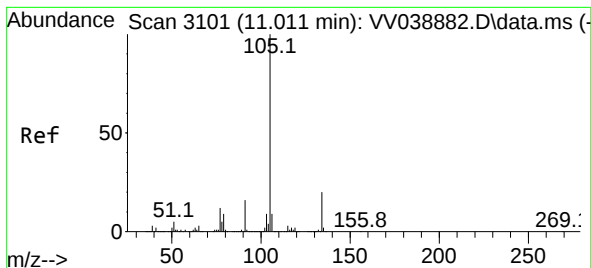
Tgt Ion:105 Resp: 382334

Ion Ratio Lower Upper

105 100

120 45.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.948 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

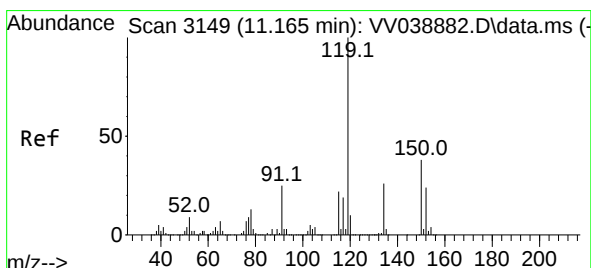
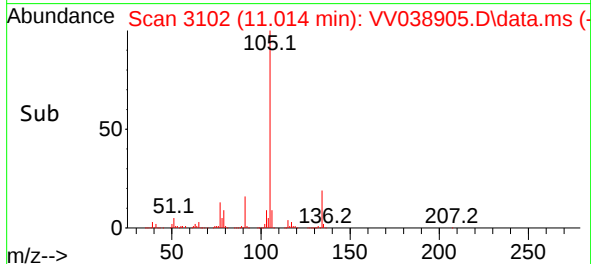
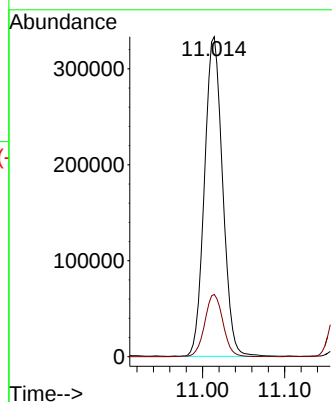
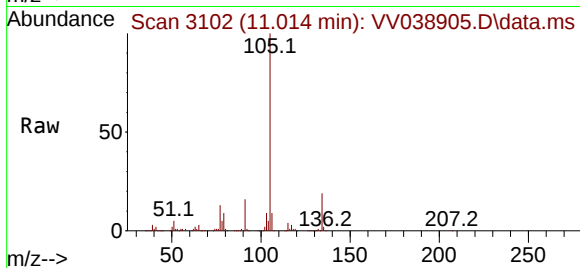
VV0716WBS01

Tgt Ion:105 Resp: 512030

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 18.687 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

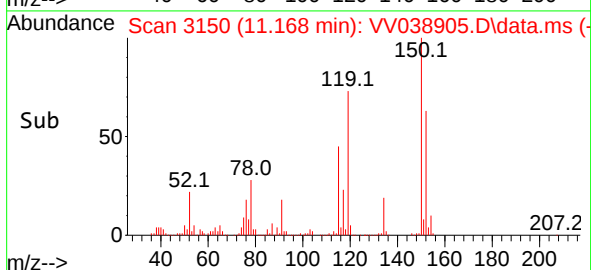
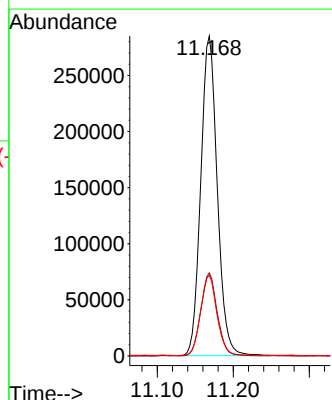
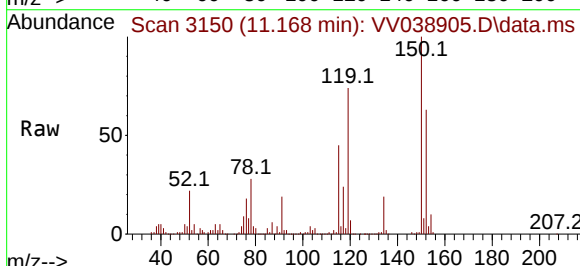
Tgt Ion:119 Resp: 428737

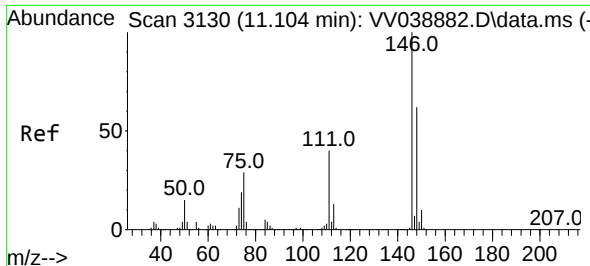
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.9 12.3 36.8

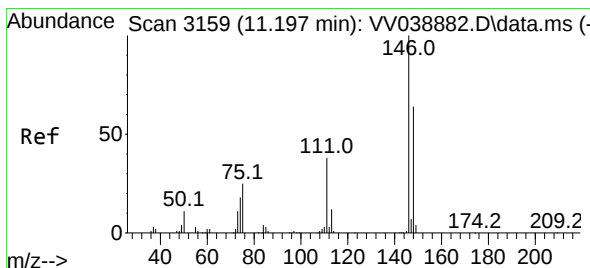
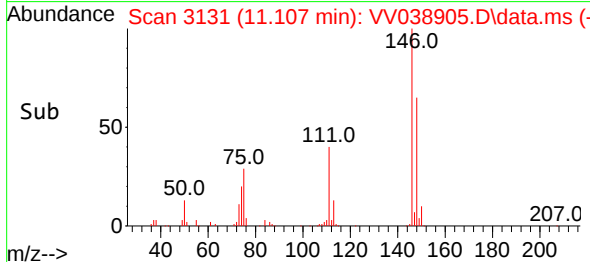
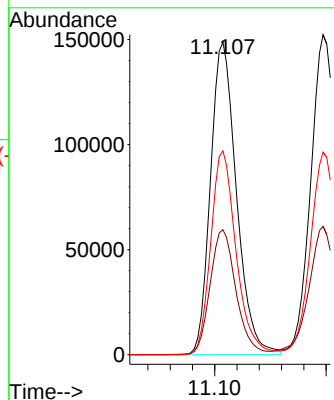
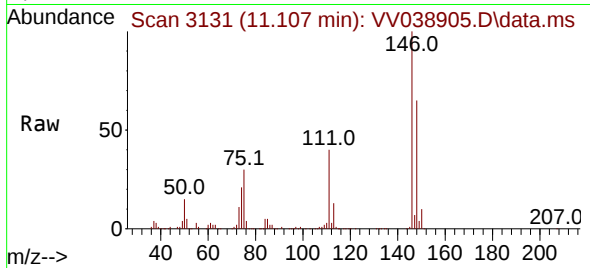




#87
1,3-Dichlorobenzene
Concen: 18.785 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

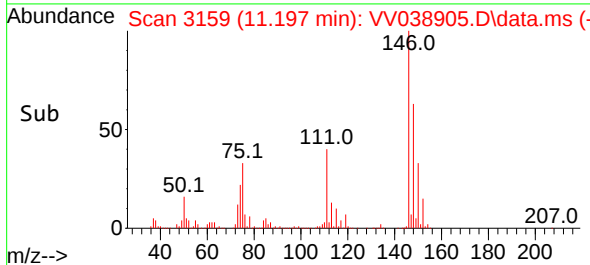
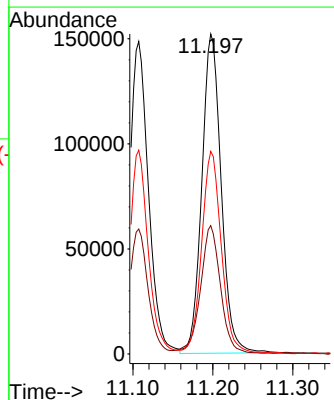
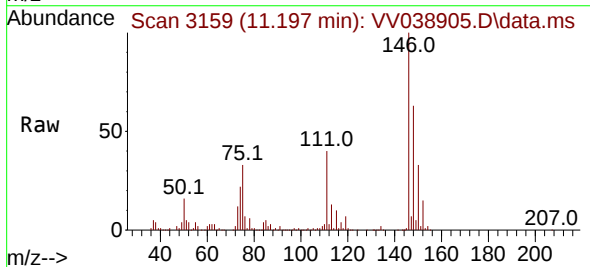
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

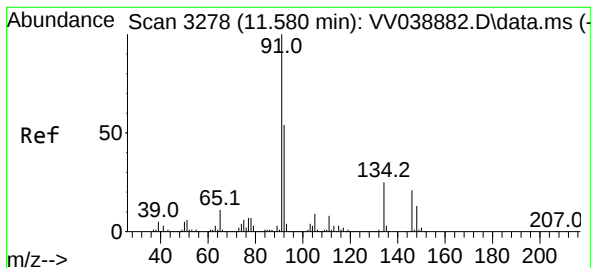
Tgt Ion:146 Resp: 240854
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.5
148 63.8 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 18.396 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:146 Resp: 256582
Ion Ratio Lower Upper
146 100
111 41.4 19.8 59.3
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 18.681 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

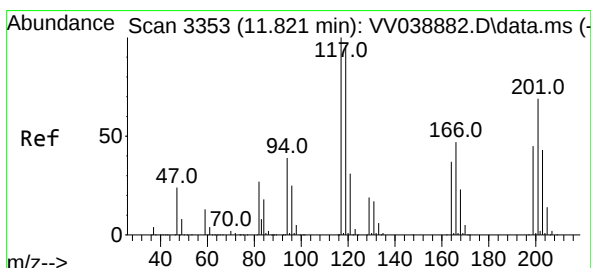
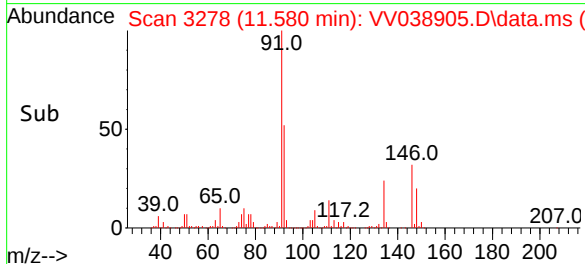
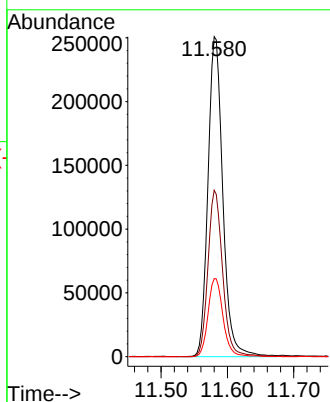
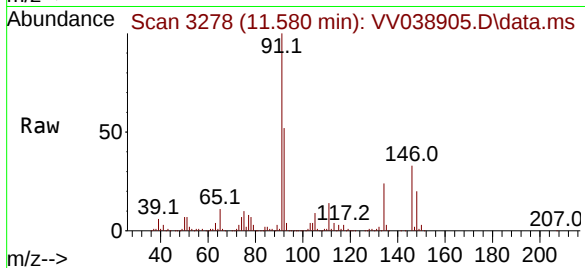
Tgt Ion: 91 Resp: 391256

Ion Ratio Lower Upper

91 100

92 51.3 26.7 80.1

134 24.7 12.7 38.1



#90

Hexachloroethane

Concen: 18.119 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038905.D

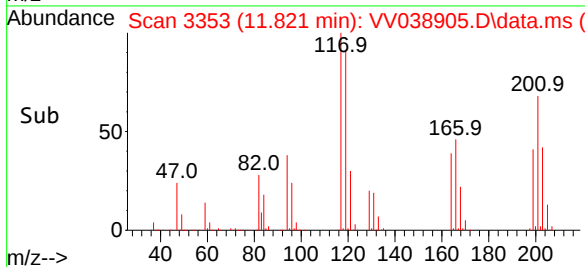
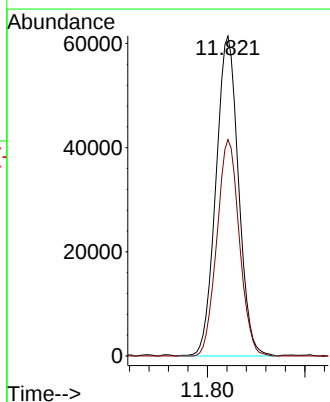
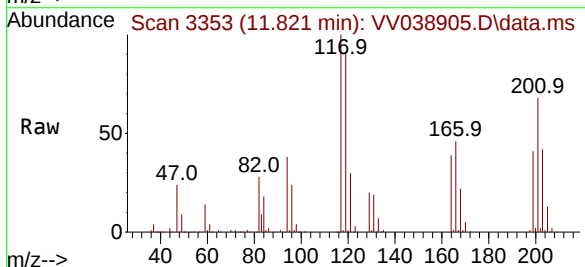
Acq: 16 Jul 2025 13:09

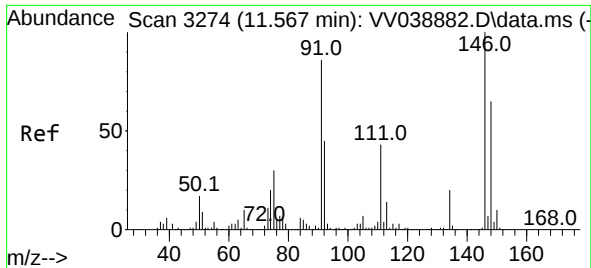
Tgt Ion: 117 Resp: 98871

Ion Ratio Lower Upper

117 100

201 67.1 34.0 102.0

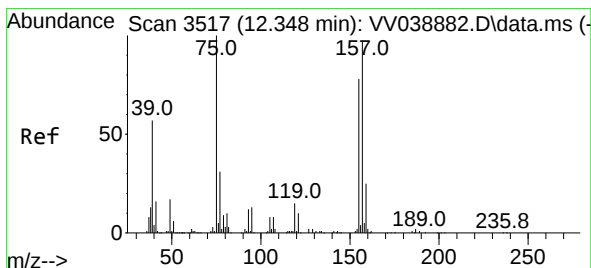
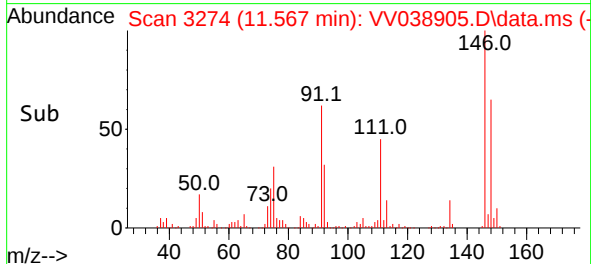
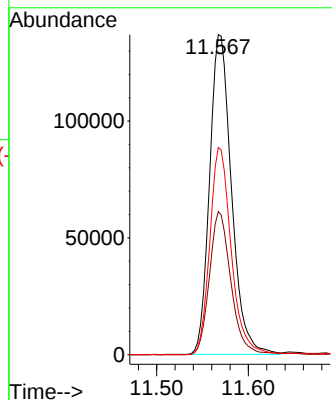
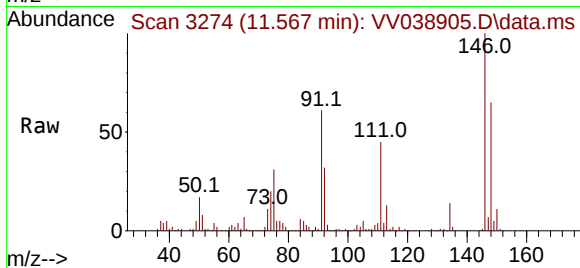




#91
1,2-Dichlorobenzene
Concen: 18.267 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

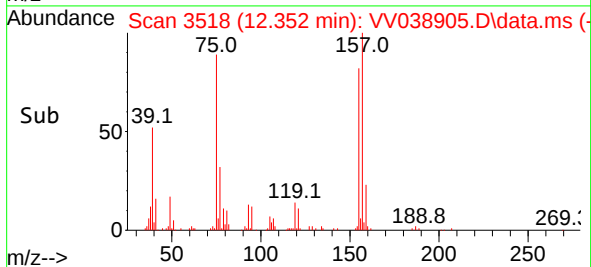
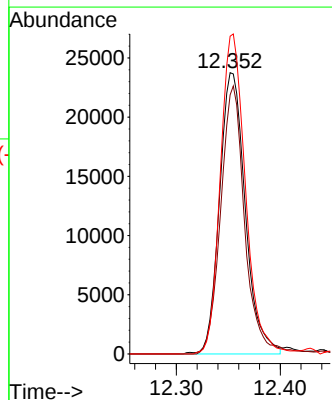
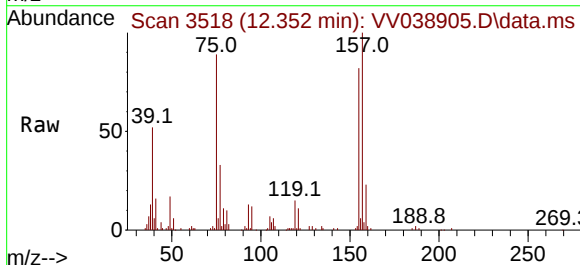
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

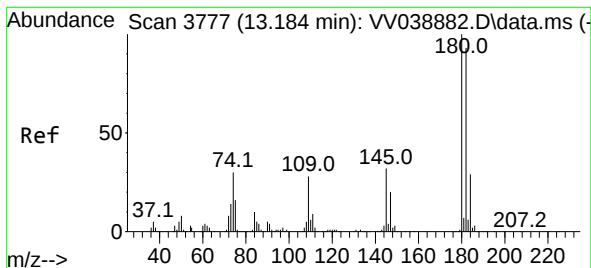
Tgt Ion:146 Resp: 227366
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.3
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.047 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion: 75 Resp: 40925
Ion Ratio Lower Upper
75 100
155 89.2 40.2 120.6
157 110.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 18.814 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBS01

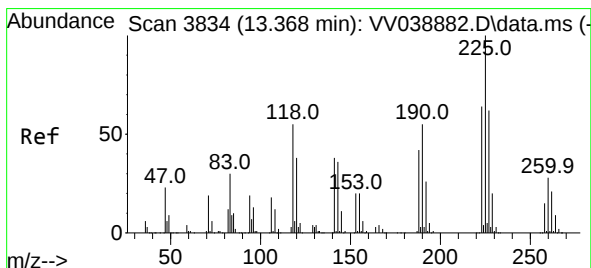
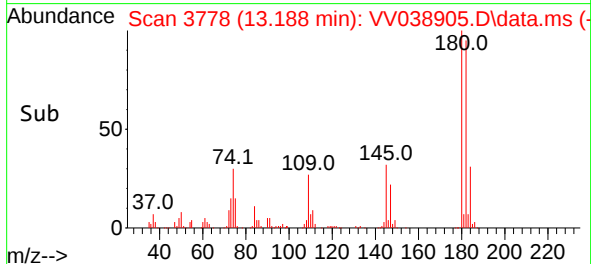
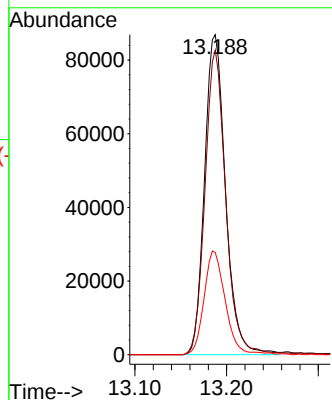
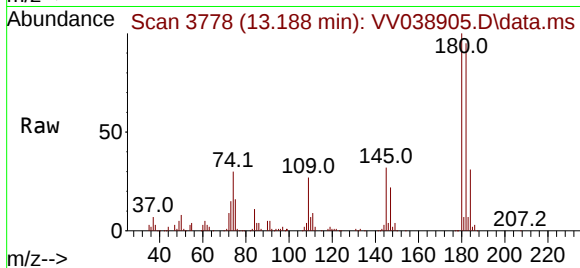
Tgt Ion:180 Resp: 138229

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 32.8 16.2 48.6



#94

Hexachlorobutadiene

Concen: 18.067 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038905.D

Acq: 16 Jul 2025 13:09

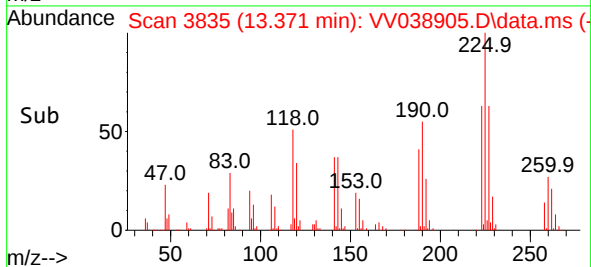
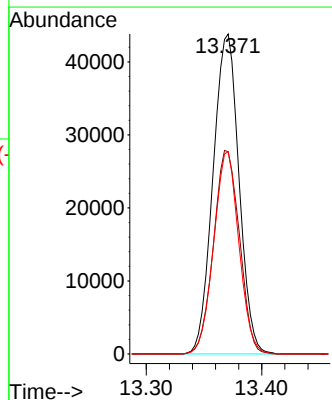
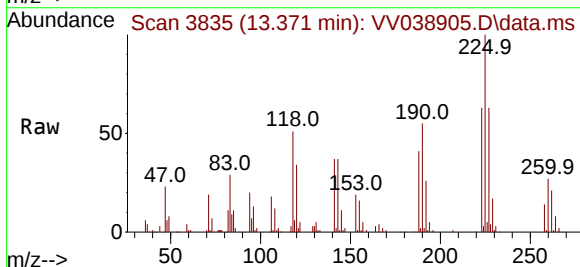
Tgt Ion:225 Resp: 68360

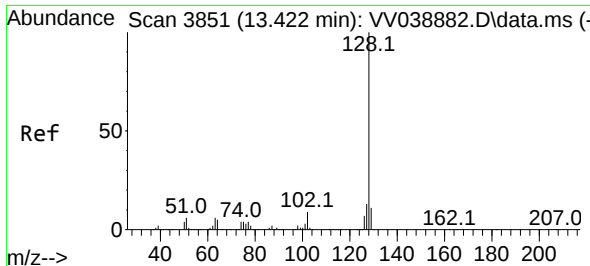
Ion Ratio Lower Upper

225 100

223 63.6 32.4 97.2

227 61.4 31.3 93.9

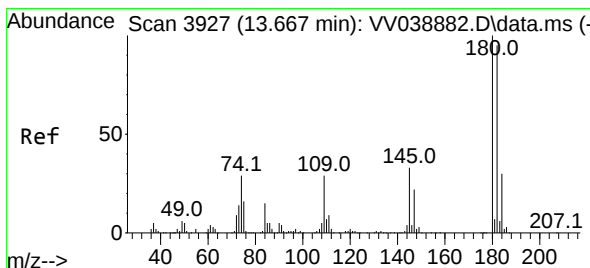
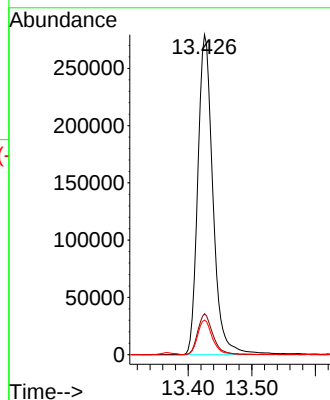
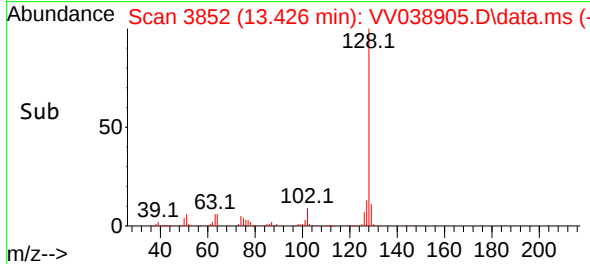
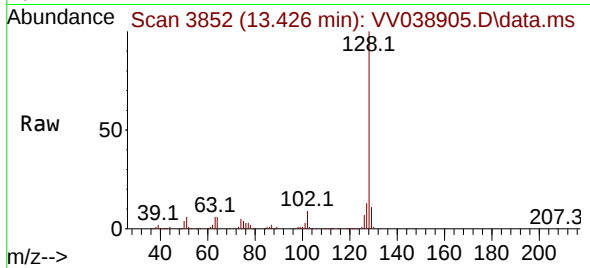




#95
Naphthalene
Concen: 19.093 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0716WBS01

Tgt Ion:128 Resp: 460905
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.081 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV038905.D
Acq: 16 Jul 2025 13:09

Tgt Ion:180 Resp: 145310
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.2
145 34.1 17.0 51.0

