

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038974.D
 Acq On : 21 Aug 2025 09:48
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 03:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	412913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	670769	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	663470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	349115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	33658	5.809	ug/l	0.01
Spiked Amount	50.000	Range	81 - 118	Recovery	=	11.620%#
35) Dibromofluoromethane	4.513	113	28151	5.596	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	11.200%#
50) Toluene-d8	7.239	98	90872	5.180	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	10.360%#
62) 4-Bromofluorobenzene	10.008	95	28515	4.444	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	8.880%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	31224	5.059	ug/l	94
3) Chloromethane	1.230	50	35210	5.522	ug/l	99
4) Vinyl Chloride	1.298	62	35075	5.214	ug/l	98
5) Bromomethane	1.494	94	18959	5.215	ug/l	97
6) Chloroethane	1.558	64	24817	7.255	ug/l	93
7) Trichlorofluoromethane	1.725	101	48621	5.276	ug/l	98
8) Diethyl Ether	1.918	74	14331	5.056	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	25939	5.099	ug/l	99
10) Methyl Iodide	2.195	142	32050	5.064	ug/l	97
11) Tert butyl alcohol	2.568	59	17144	21.862	ug/l #	85
12) 1,1-Dichloroethene	2.082	96	24504	5.229	ug/l	97
13) Acrolein	2.008	56	16525	50.477	ug/l	94
14) Allyl chloride	2.359	41	31941	5.105	ug/l	92
15) Acrylonitrile	2.680	53	50041	20.977	ug/l	99
16) Acetone	2.121	43	54515	23.443	ug/l	97
17) Carbon Disulfide	2.249	76	67348	5.167	ug/l	97
18) Methyl Acetate	2.388	43	24339	4.938	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	61304	4.424	ug/l #	91
20) Methylene Chloride	2.455	84	27192	5.032	ug/l	92
21) trans-1,2-Dichloroethene	2.706	96	23815	4.879	ug/l	94
22) Diisopropyl ether	3.214	45	50693	3.690	ug/l #	66
23) Vinyl Acetate	3.195	43	216983	19.728	ug/l	100
24) 1,1-Dichloroethane	3.121	63	42455	4.665	ug/l	100
25) 2-Butanone	3.883	43	69389	22.452	ug/l	99
26) 2,2-Dichloropropane	3.809	77	43233	4.953	ug/l	98
27) cis-1,2-Dichloroethene	3.831	96	29322	4.977	ug/l	97
28) Bromochloromethane	4.162	49	17309	6.461	ug/l	88
29) Tetrahydrofuran	4.243	42	45392	22.546	ug/l	88
30) Chloroform	4.278	83	55537	5.211	ug/l	98
31) Cyclohexane	4.584	56	44744	5.511	ug/l #	89
32) 1,1,1-Trichloroethane	4.513	97	51520	5.273	ug/l	99
36) 1,1-Dichloropropene	4.751	75	28257	4.325	ug/l	98
37) Ethyl Acetate	3.998	43	6618	0.986	ug/l #	63
38) Carbon Tetrachloride	4.735	117	48720	5.569	ug/l	96
39) Methylcyclohexane	6.043	83	39602	4.744	ug/l	95
40) Benzene	5.014	78	104481	5.106	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.188	41	4961	1.954	ug/l #	38
42) 1,2-Dichloroethane	5.047	62	40055	5.355	ug/l	89
43) Isopropyl Acetate	5.201	43	41554	4.295	ug/l #	92
44) Trichloroethene	5.838	130	29053	5.235	ug/l	99
45) 1,2-Dichloropropane	6.095	63	22470	4.579	ug/l	96
46) Dibromomethane	6.236	93	20428	4.961	ug/l	97
47) Bromodichloromethane	6.429	83	42561	5.079	ug/l	99
48) Methyl methacrylate	6.320	41	15941	3.720	ug/l	96
49) 1,4-Dioxane	6.307	88	6245	83.460	ug/l #	92
51) 4-Methyl-2-Pentanone	7.149	43	147493	22.716	ug/l	94
52) Toluene	7.313	92	61443	4.741	ug/l	95
53) t-1,3-Dichloropropene	7.583	75	34156	4.360	ug/l	96
54) cis-1,3-Dichloropropene	6.957	75	38343	4.724	ug/l	96
55) 1,1,2-Trichloroethane	7.767	97	28995	5.132	ug/l	98
56) Ethyl methacrylate	7.725	69	26451	5.062	ug/l	98
57) 1,3-Dichloropropane	7.937	76	43220	4.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.818	63	60203	20.376	ug/l	92
59) 2-Hexanone	8.072	43	101321	25.107	ug/l	91
60) Dibromochloromethane	8.169	129	35047	5.137	ug/l	100
61) 1,2-Dibromoethane	8.281	107	29319	5.002	ug/l	97
64) Tetrachloroethene	7.899	164	25352	5.135	ug/l	98
65) Chlorobenzene	8.805	112	80045	5.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	29630	5.160	ug/l	99
67) Ethyl Benzene	8.940	91	110094	4.508	ug/l	97
68) m/p-Xylenes	9.066	106	81612	8.605	ug/l	98
69) o-Xylene	9.471	106	37957	4.391	ug/l	94
70) Styrene	9.493	104	60420	4.074	ug/l	96
71) Bromoform	9.657	173	23906	5.044	ug/l #	96
73) Isopropylbenzene	9.857	105	97042	4.142	ug/l	95
74) N-amyl acetate	9.731	43	35268	4.145	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.169	83	46204	4.966	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	31694	4.937	ug/l	92
77) Bromobenzene	10.146	156	28738	4.775	ug/l	94
78) n-propylbenzene	10.278	91	117925	4.216	ug/l	99
79) 2-Chlorotoluene	10.349	91	77822	4.533	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	84706	4.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	11853	4.202	ug/l	93
82) 4-Chlorotoluene	10.468	91	85322	4.408	ug/l	98
83) tert-Butylbenzene	10.789	119	90520	4.624	ug/l	95
84) 1,2,4-Trimethylbenzene	10.844	105	76248	4.041	ug/l	97
85) sec-Butylbenzene	11.014	105	111895	4.395	ug/l	98
86) p-Isopropyltoluene	11.169	119	92903	4.333	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	59042	4.968	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	62961	4.966	ug/l	92
89) n-Butylbenzene	11.583	91	89015	4.261	ug/l	98
90) Hexachloroethane	11.821	117	25371	5.120	ug/l	96
91) 1,2-Dichlorobenzene	11.570	146	54438	4.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	9123	5.042	ug/l	95
93) 1,2,4-Trichlorobenzene	13.188	180	30205	4.466	ug/l	95
94) Hexachlorobutadiene	13.371	225	16645	4.774	ug/l	97
95) Naphthalene	13.429	128	84039	3.938	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	29578	4.337	ug/l	100

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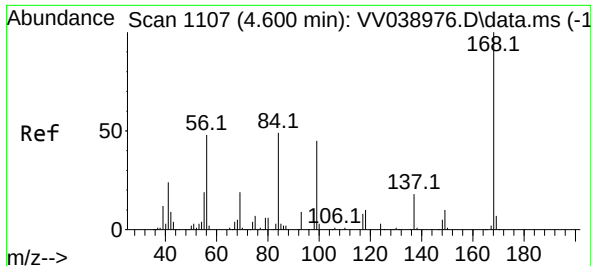
Quant Time: Aug 22 03:44:44 2025
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QLast Update : Fri Aug 22 03:31:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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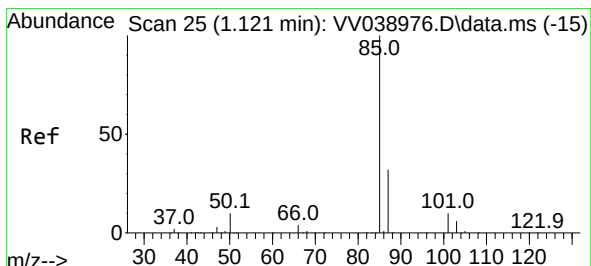
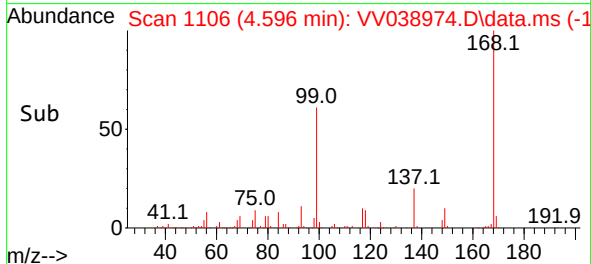
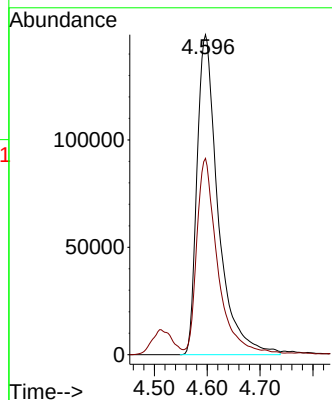
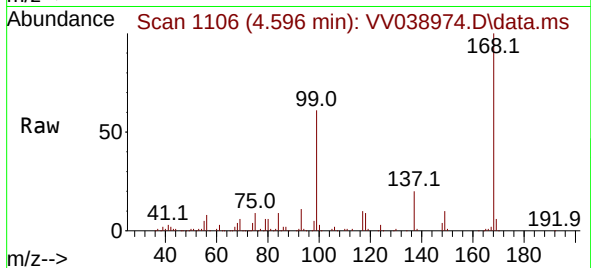




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

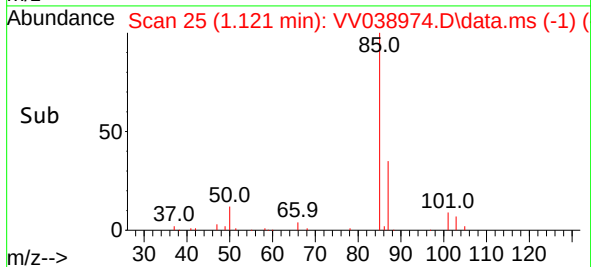
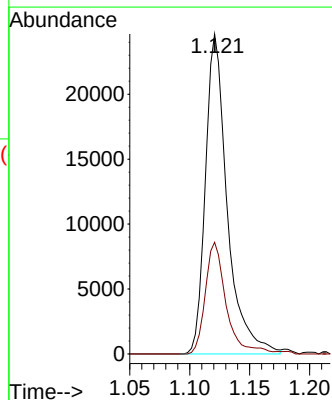
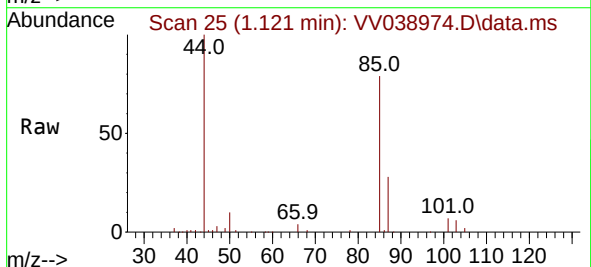
Instrument :
MSVOA_V
ClientSampleId :

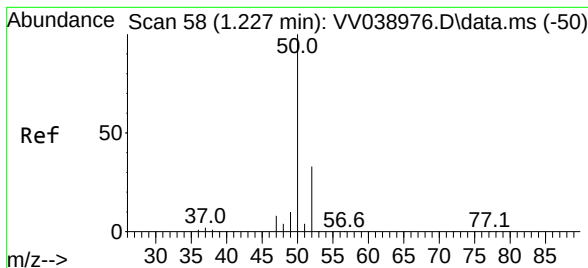
Tgt Ion:168 Resp: 412913
Ion Ratio Lower Upper
168 100
99 60.7 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 5.059 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 85 Resp: 31224
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.3





#3

Chloromethane

Concen: 5.522 ug/l

RT: 1.230 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

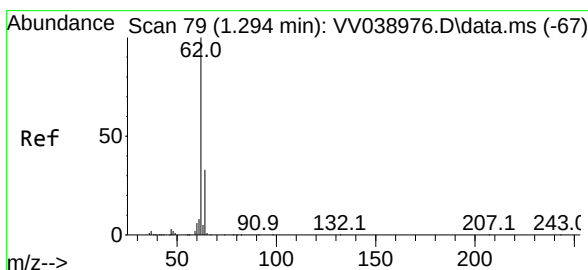
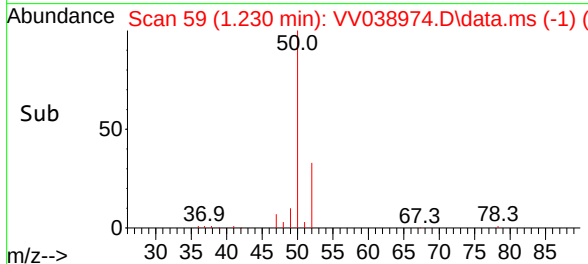
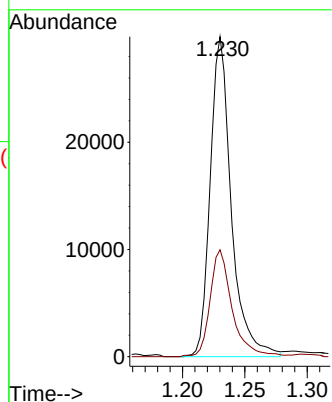
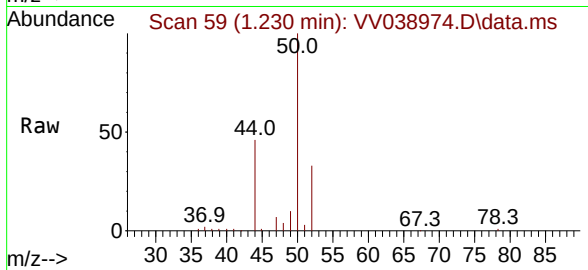
ClientSampleId :

Tgt Ion: 50 Resp: 35210

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 5.214 ug/l

RT: 1.298 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV038974.D

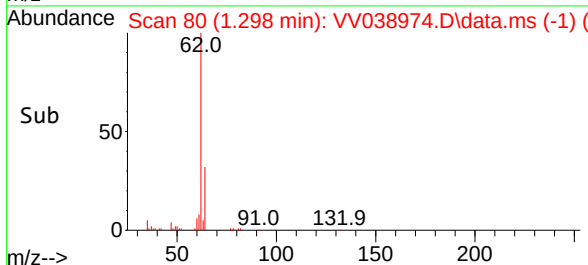
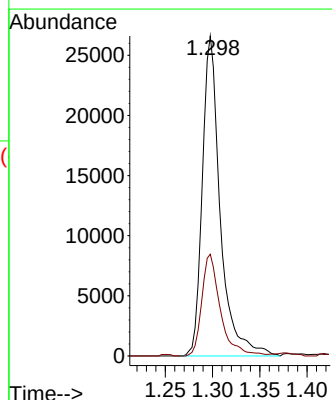
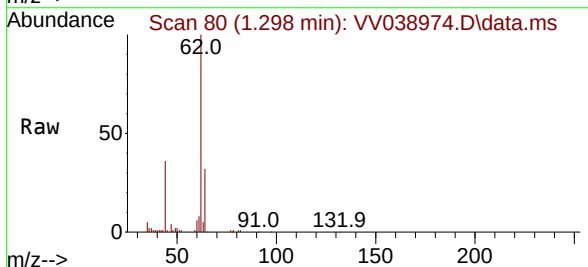
Acq: 21 Aug 2025 09:48

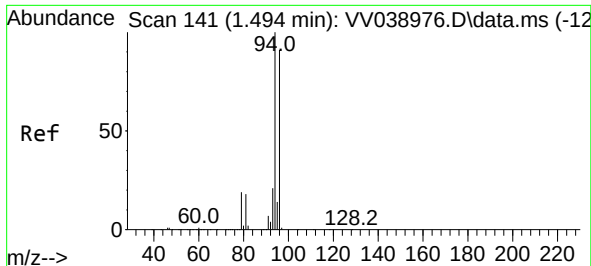
Tgt Ion: 62 Resp: 35075

Ion Ratio Lower Upper

62 100

64 31.8 26.4 39.6

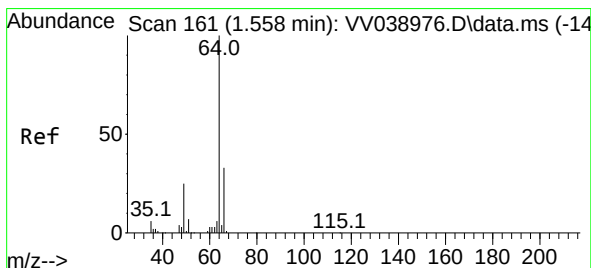
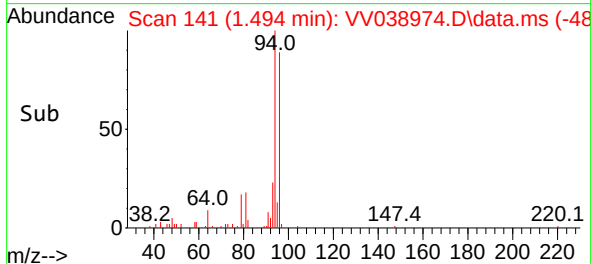
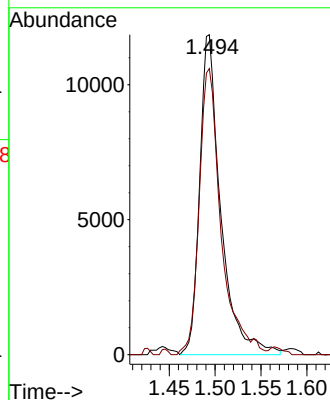
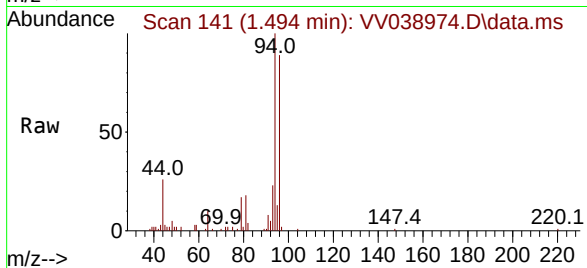




#5
Bromomethane
Concen: 5.215 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

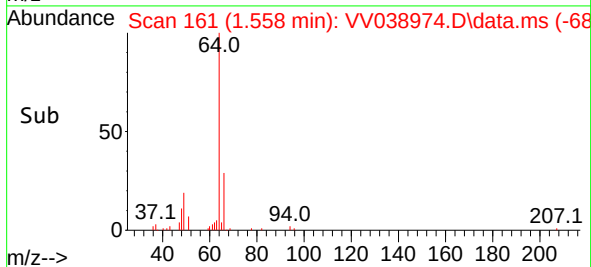
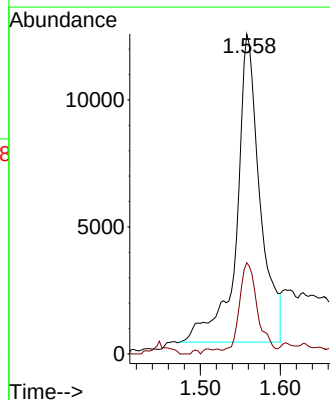
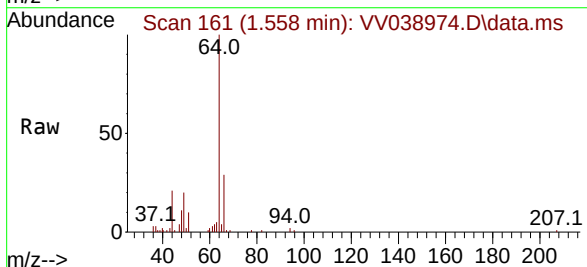
Instrument :
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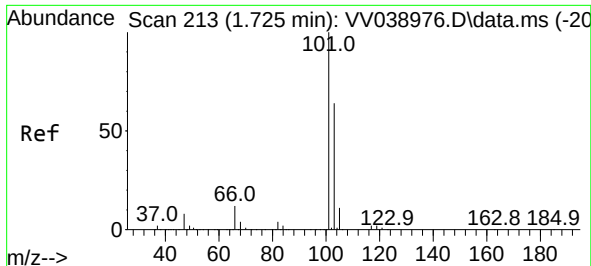
Tgt Ion: 94 Resp: 18959
Ion Ratio Lower Upper
94 100
96 88.2 73.1 109.7



#6
Chloroethane
Concen: 7.255 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

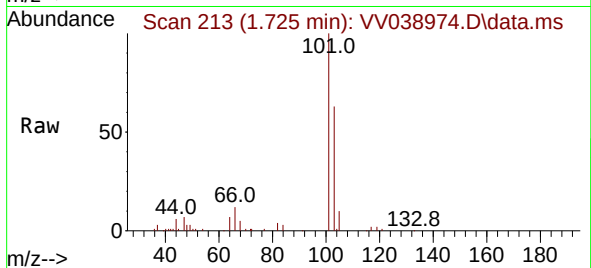
Tgt Ion: 64 Resp: 24817
Ion Ratio Lower Upper
64 100
66 29.6 26.8 40.2



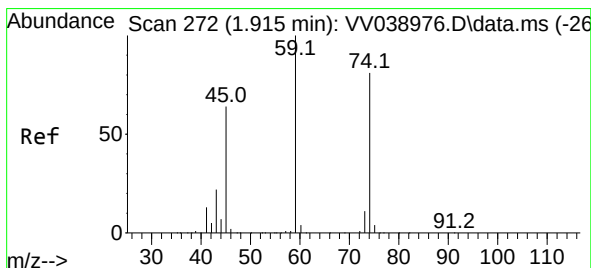
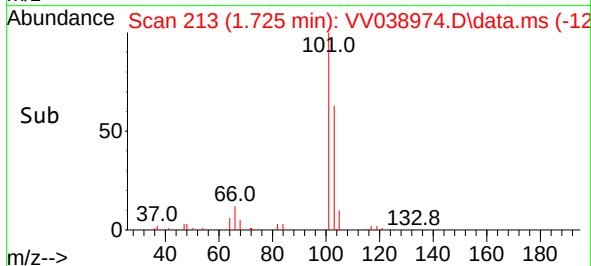
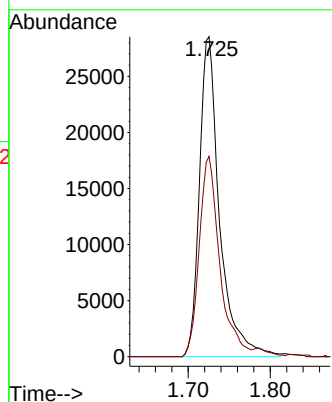


#7
 Trichlorofluoromethane
 Concen: 5.276 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Instrument :
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 ClientSampleId :

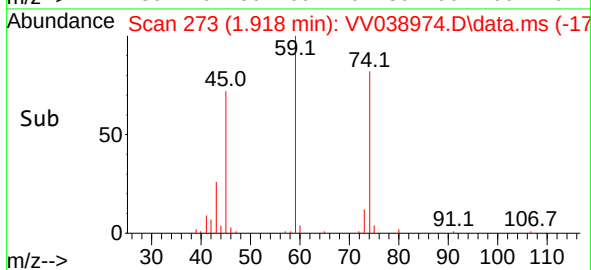
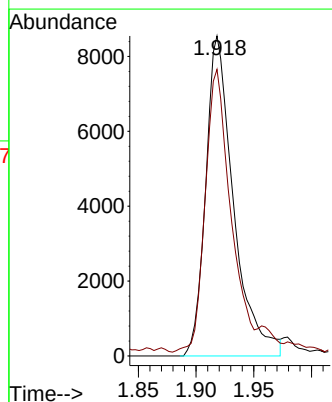
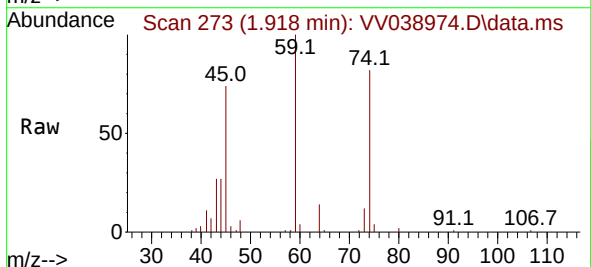


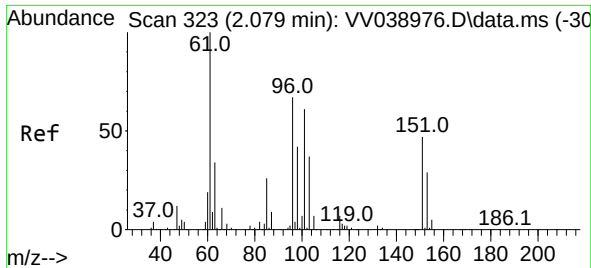
Tgt Ion:101 Resp: 48621
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 5.056 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Tgt Ion: 74 Resp: 14331
 Ion Ratio Lower Upper
 74 100
 45 81.1 39.8 119.4

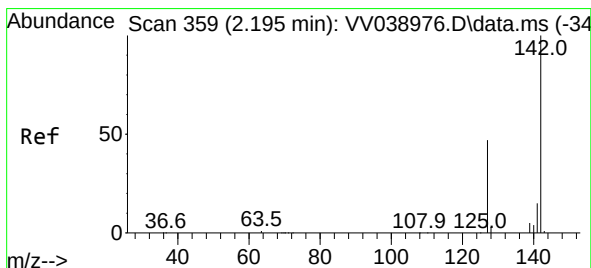
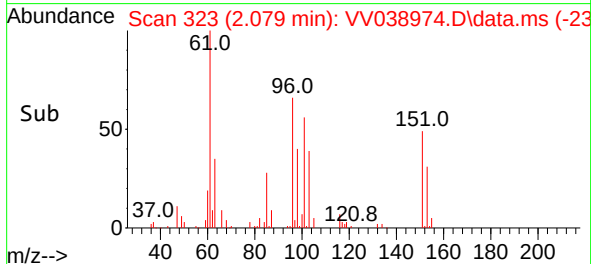
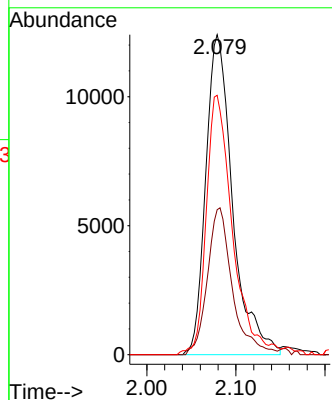
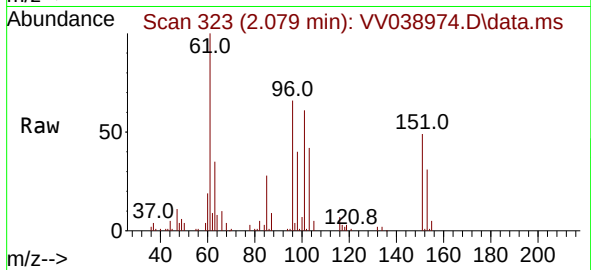




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.099 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

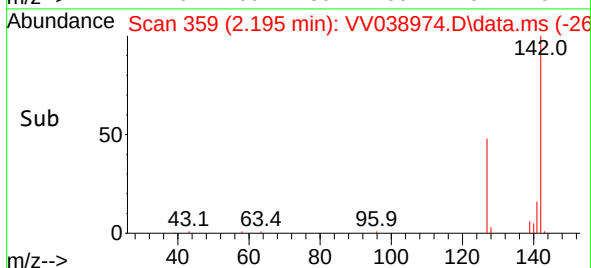
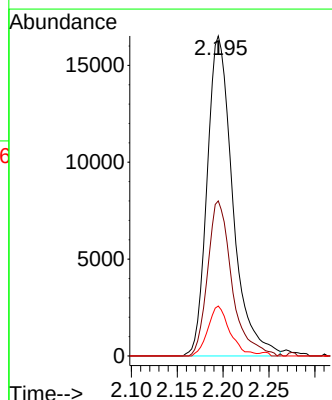
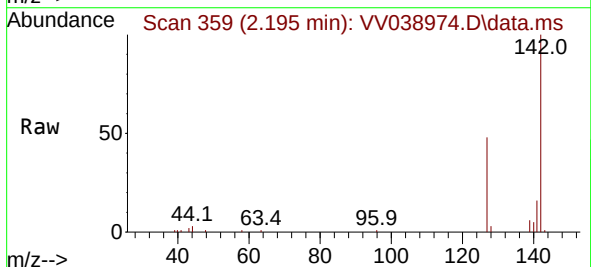
Instrument :
MSVOA_V
ClientSampleId :

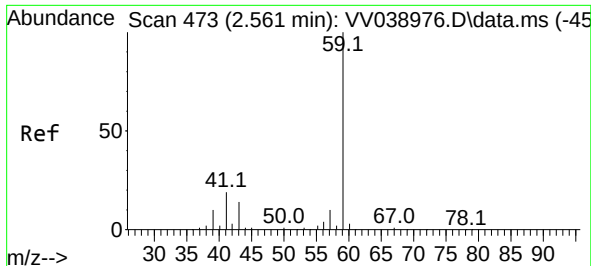
Tgt Ion:101 Resp: 25939
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 78.2 62.1 93.1



#10
Methyl Iodide
Concen: 5.064 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:142 Resp: 32050
Ion Ratio Lower Upper
142 100
127 45.9 38.6 57.8
141 13.5 11.4 17.2

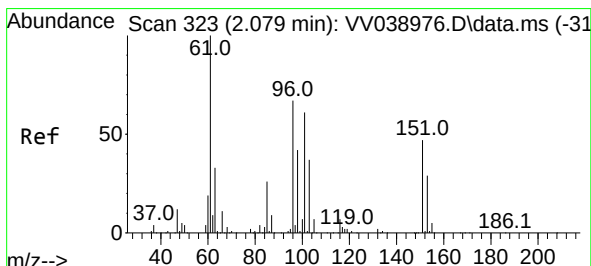
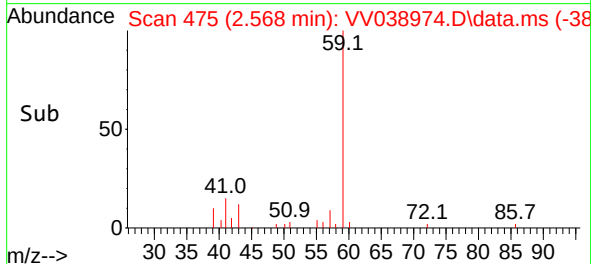
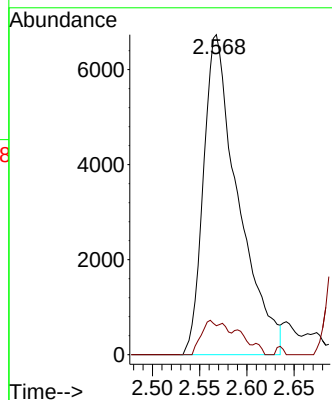
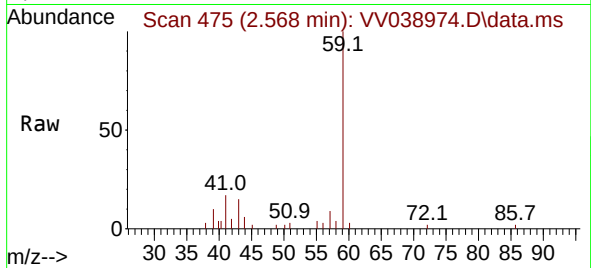




#11
Tert butyl alcohol
Concen: 21.862 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

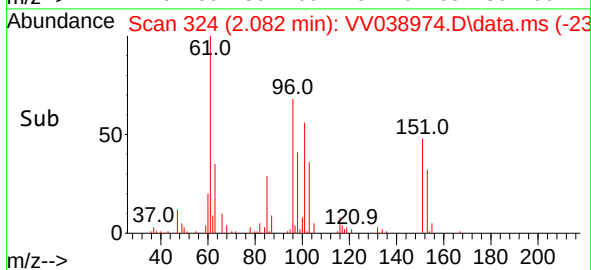
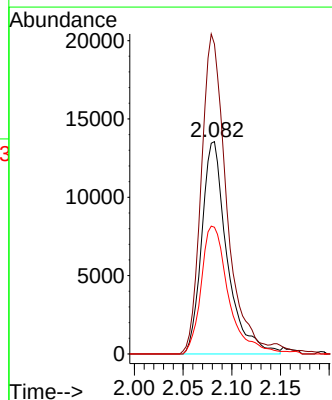
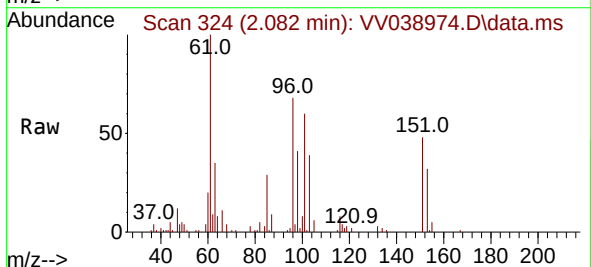
Instrument :
MSVOA_V
ClientSampleId :

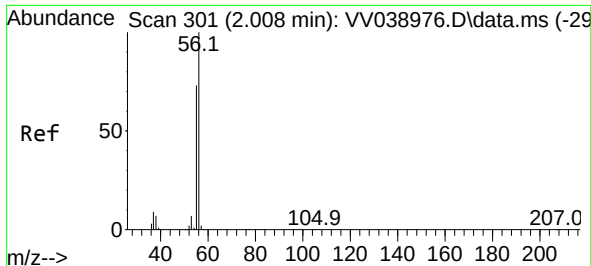
Tgt Ion: 59 Resp: 17144
Ion Ratio Lower Upper
59 100
57 4.6 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 5.229 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 96 Resp: 24504
Ion Ratio Lower Upper
96 100
61 146.0 119.8 179.8
98 59.7 50.2 75.2

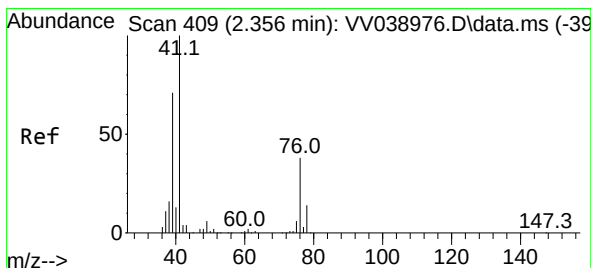
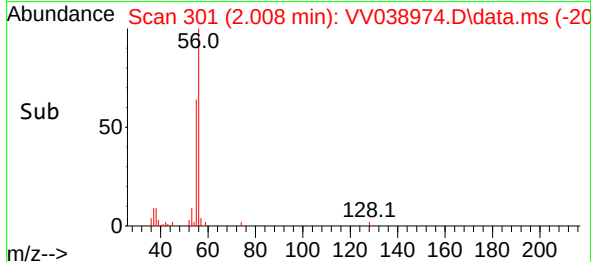
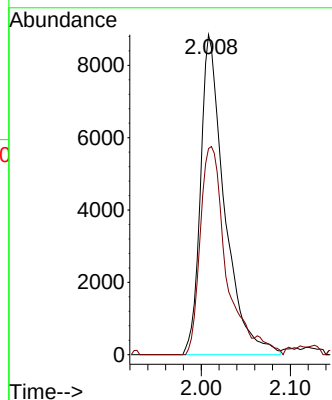
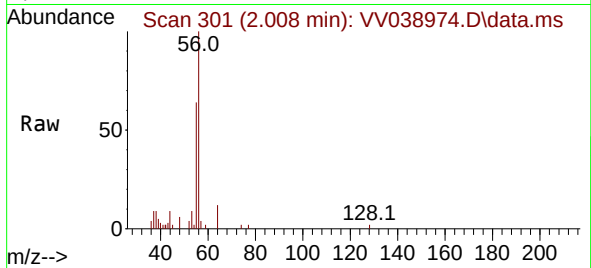




#13
Acrolein
Concen: 50.477 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

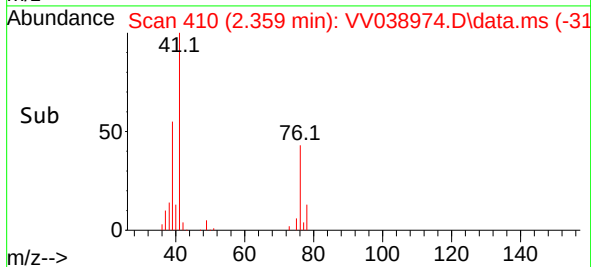
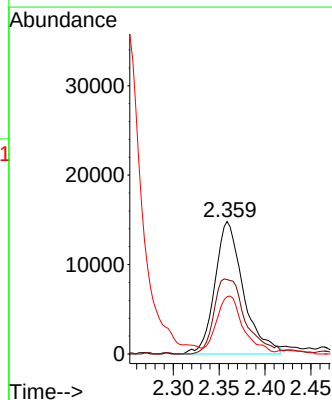
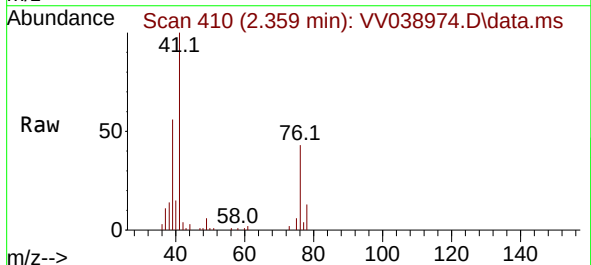
Instrument :
MSVOA_V
ClientSampleId :

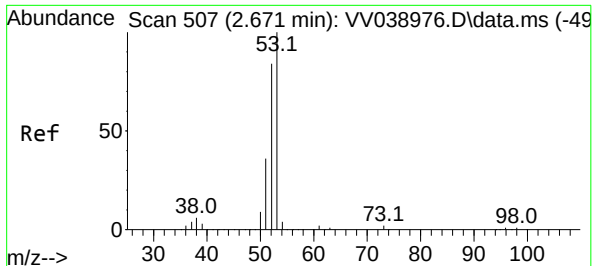
Tgt Ion: 56 Resp: 16525
Ion Ratio Lower Upper
56 100
55 68.1 58.8 88.2



#14
Allyl chloride
Concen: 5.105 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

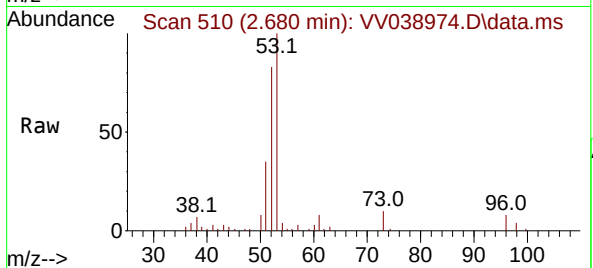
Tgt Ion: 41 Resp: 31941
Ion Ratio Lower Upper
41 100
39 62.8 55.0 82.4
76 38.9 35.6 53.4



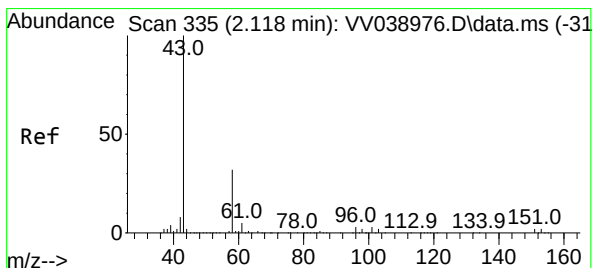
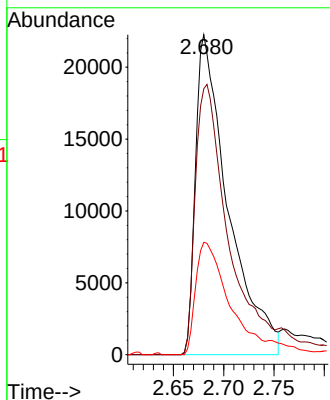
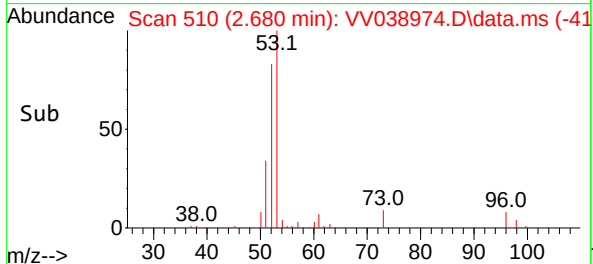


#15
Acrylonitrile
Concen: 20.977 ug/l
RT: 2.680 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Instrument :
MSVOA_V
ClientSampleId :

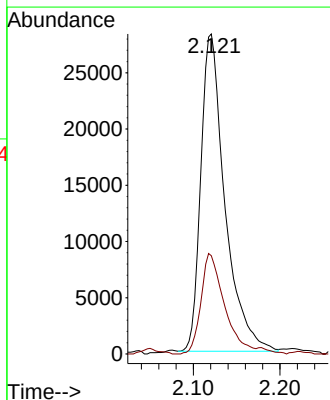
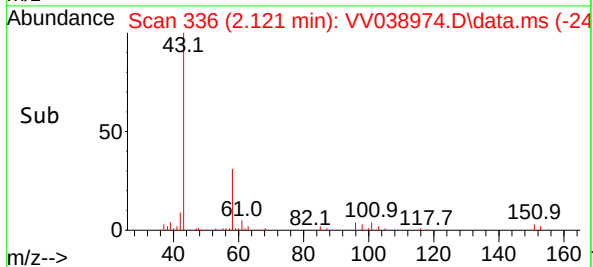
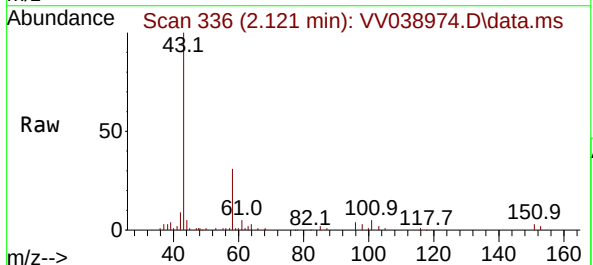


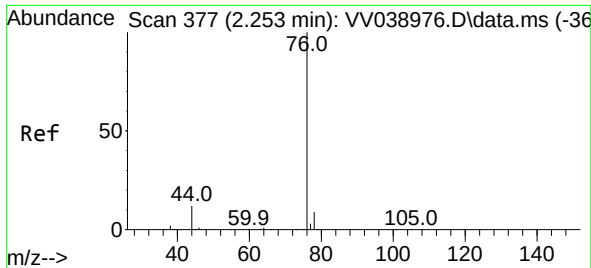
Tgt Ion: 53 Resp: 50041
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.4
51 35.6 28.5 42.7



#16
Acetone
Concen: 23.443 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 43 Resp: 54515
Ion Ratio Lower Upper
43 100
58 31.0 26.3 39.5

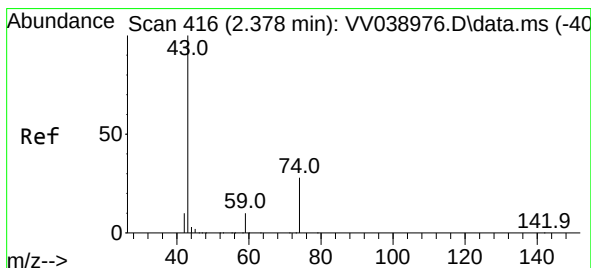
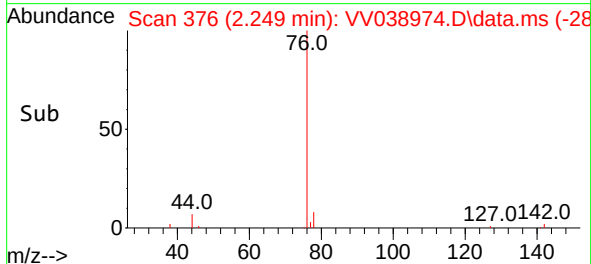
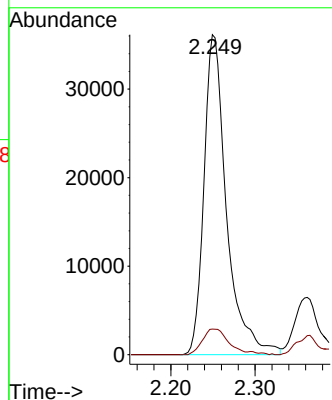
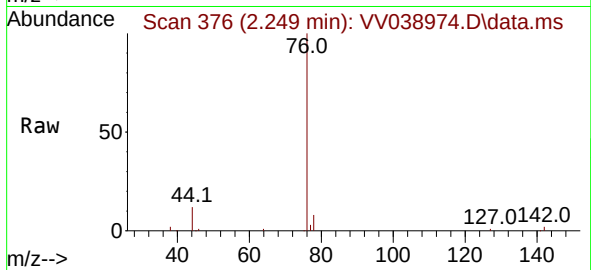




#17
Carbon Disulfide
Concen: 5.167 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

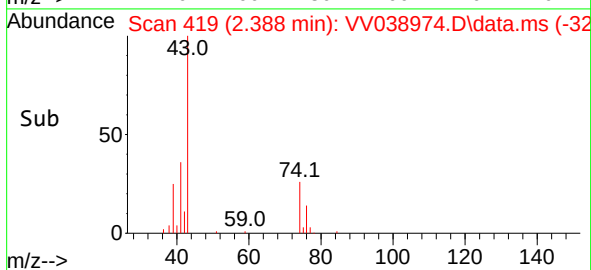
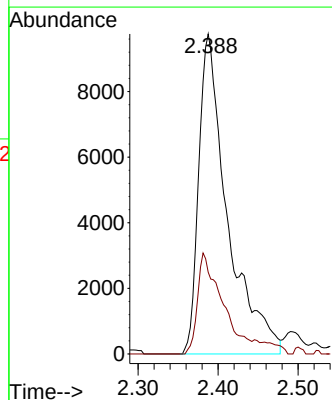
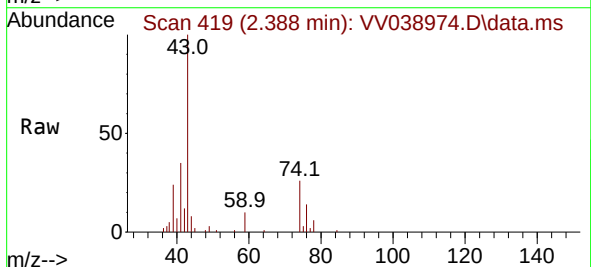
Instrument :
MSVOA_V
ClientSampleId :

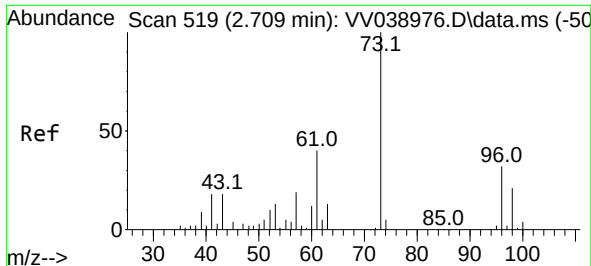
Tgt Ion: 76 Resp: 67348
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 4.938 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 43 Resp: 24339
Ion Ratio Lower Upper
43 100
74 27.2 23.5 35.3

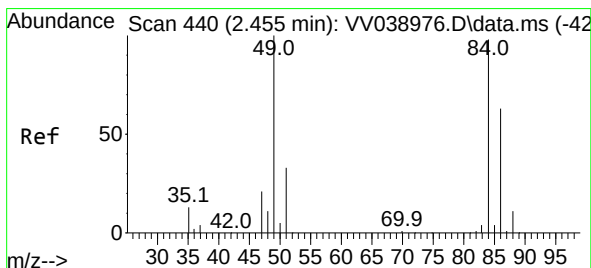
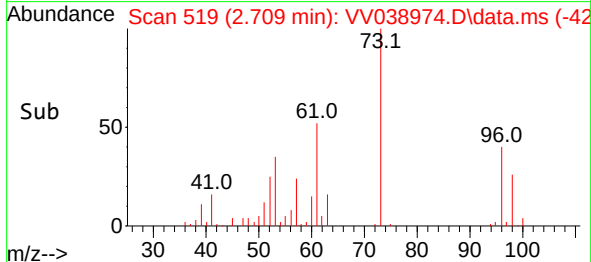
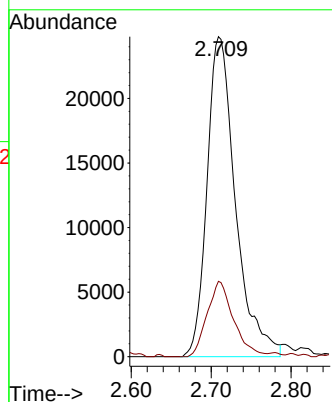
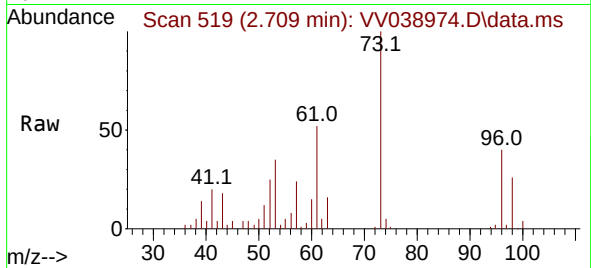




#19
Methyl tert-butyl Ether
Concen: 4.424 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

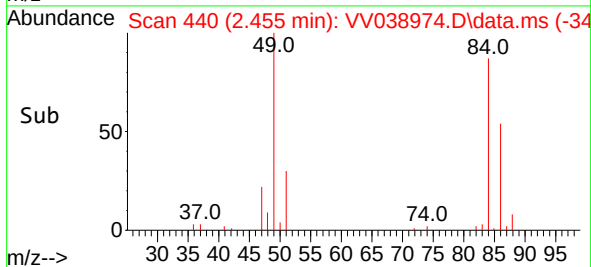
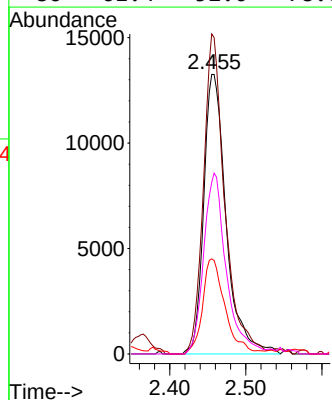
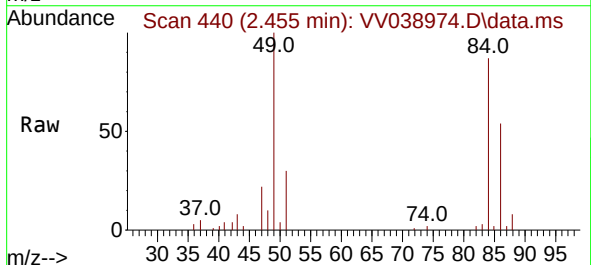
Instrument :
MSVOA_V
ClientSampleId :

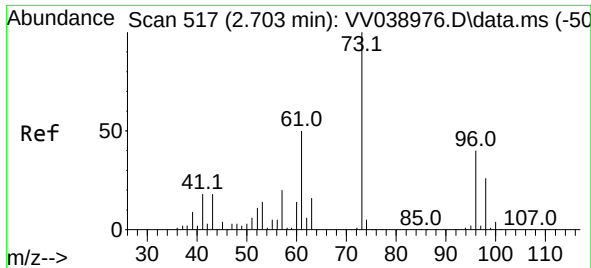
Tgt Ion: 73 Resp: 61304
Ion Ratio Lower Upper
73 100
57 23.5 15.7 23.5#



#20
Methylene Chloride
Concen: 5.032 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

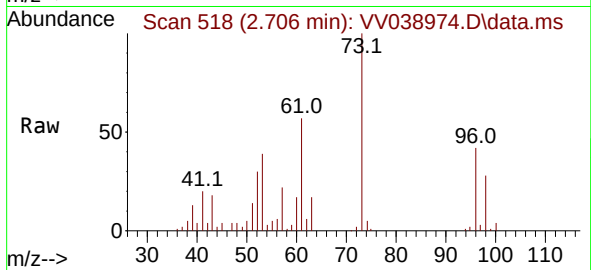
Tgt Ion: 84 Resp: 27192
Ion Ratio Lower Upper
84 100
49 114.5 81.9 122.9
51 34.0 26.9 40.3
86 61.4 52.0 78.0



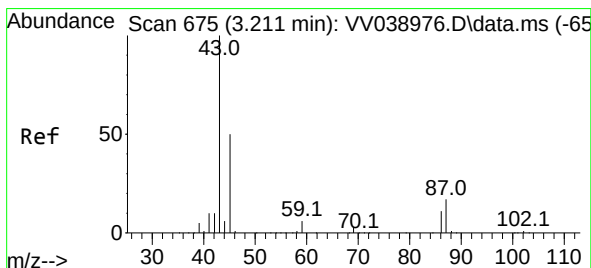
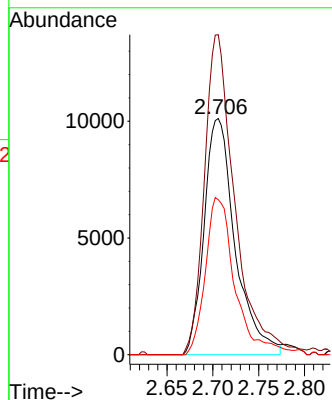
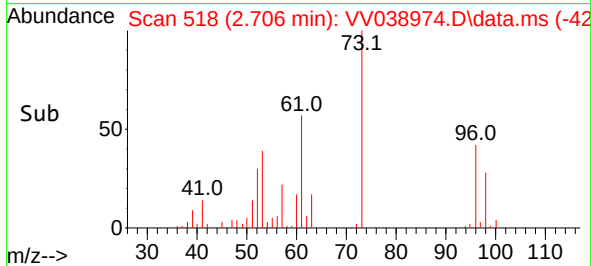


#21
trans-1,2-Dichloroethene
Concen: 4.879 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Instrument :
MSVOA_V
ClientSampleId :

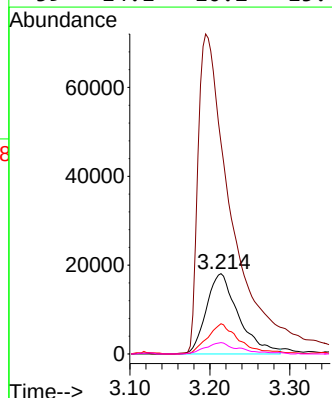
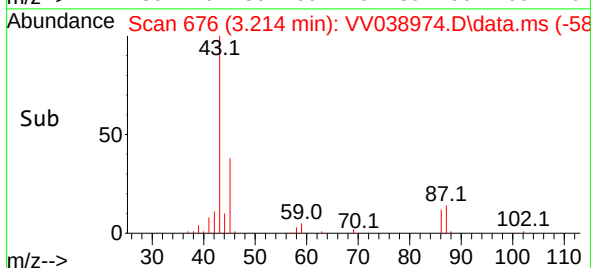
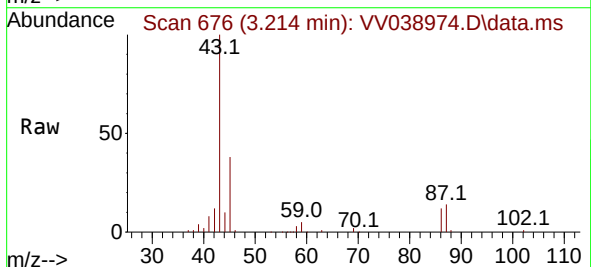


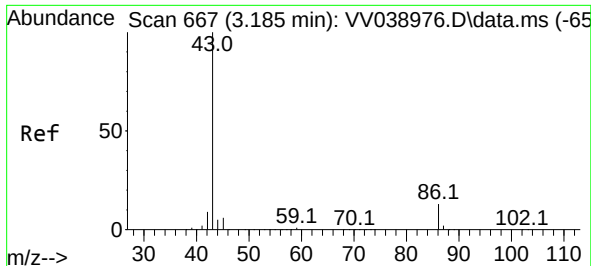
Tgt Ion: 96 Resp: 23815
Ion Ratio Lower Upper
96 100
61 135.5 100.6 151.0
98 65.6 51.5 77.3



#22
Diisopropyl ether
Concen: 3.690 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 45 Resp: 50693
Ion Ratio Lower Upper
45 100
43 261.6 159.4 239.0#
87 37.6 27.5 41.3
59 14.1 10.2 15.4

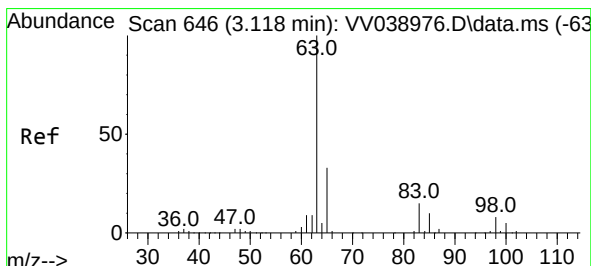
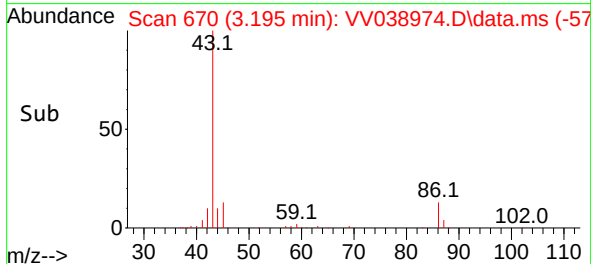
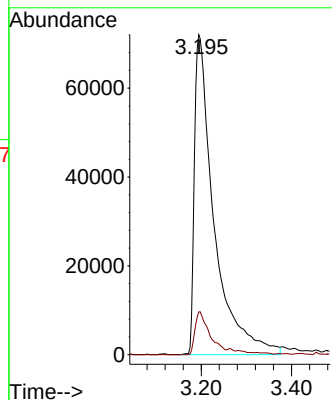
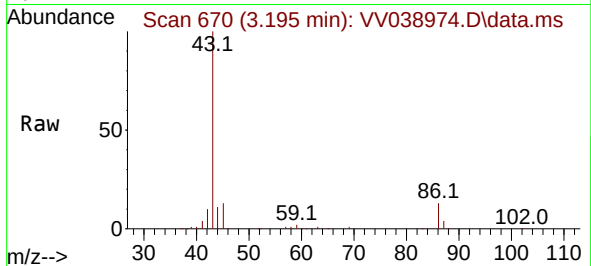




#23
 Vinyl Acetate
 Concen: 19.728 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

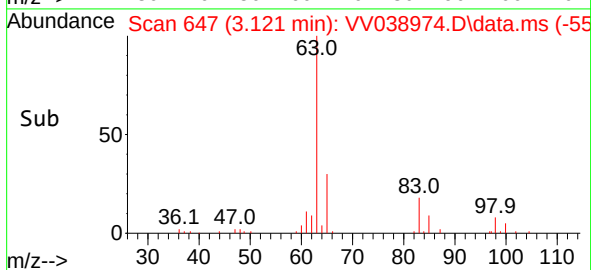
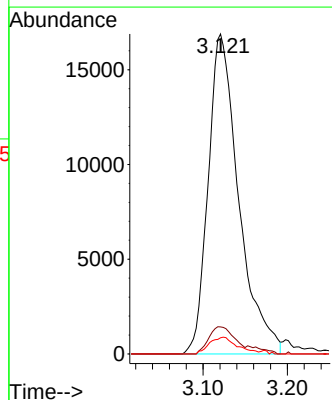
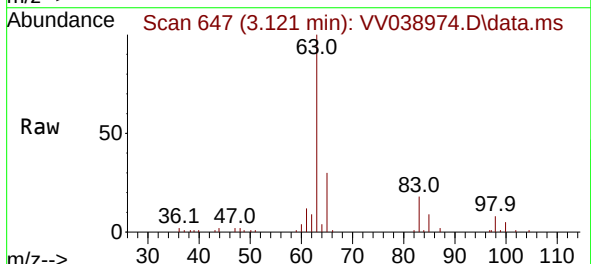
Instrument :
 MSVOA_V
 ClientSampleId :

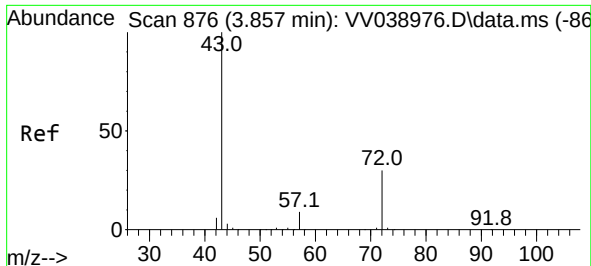
Tgt Ion: 43 Resp: 216983
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 4.665 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Tgt Ion: 63 Resp: 42455
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 12.8
 100 5.0 2.6 8.0

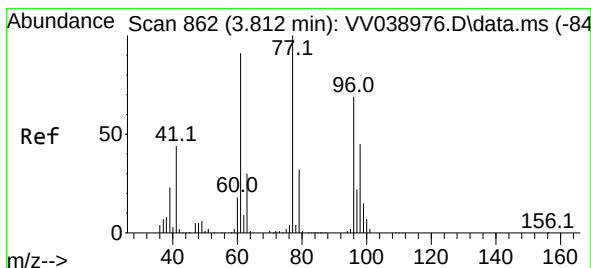
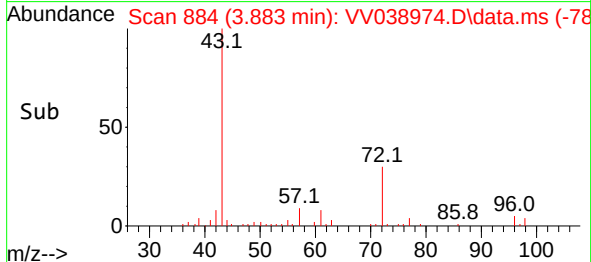
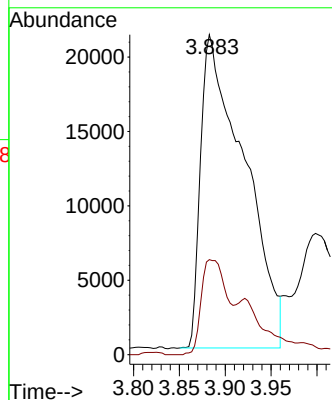
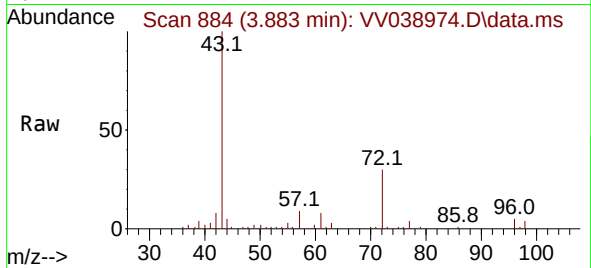




#25
2-Butanone
Concen: 22.452 ug/l
RT: 3.883 min Scan# 884
Delta R.T. 0.026 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

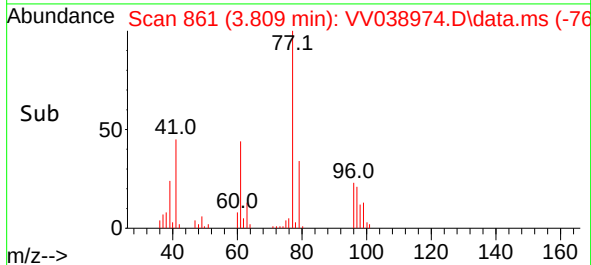
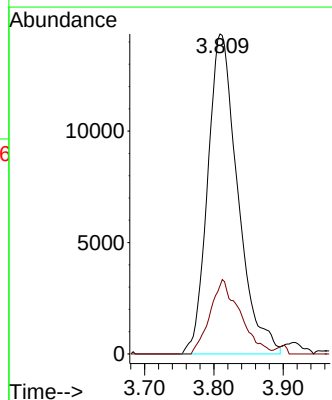
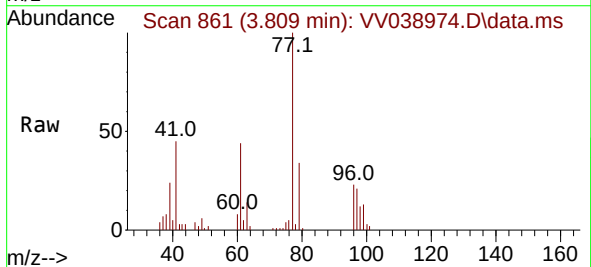
Instrument :
MSVOA_V
ClientSampleId :

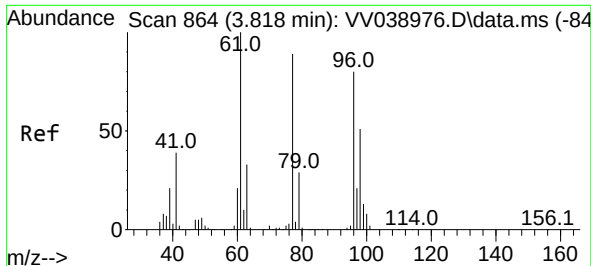
Tgt Ion: 43 Resp: 69389
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 77 Resp: 43233
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 4.977 ug/l

RT: 3.831 min Scan# 80

Delta R.T. 0.013 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

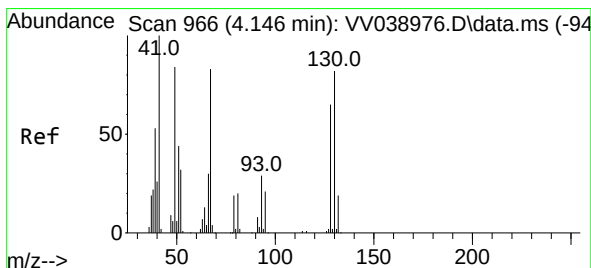
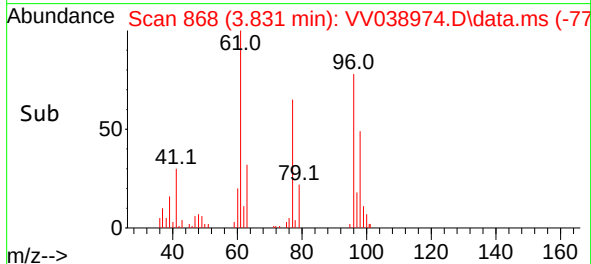
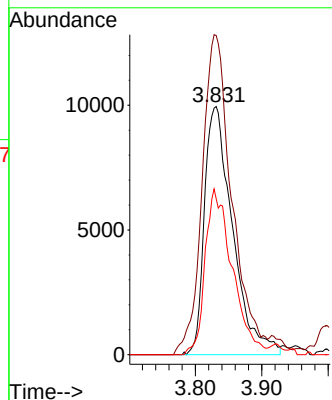
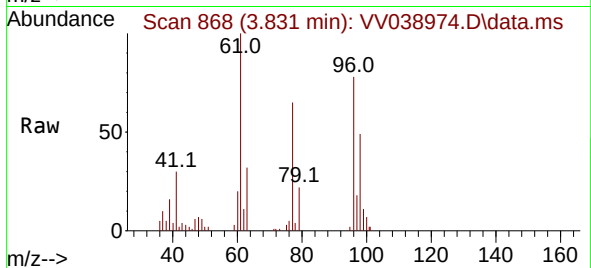
Tgt Ion: 96 Resp: 29322

Ion Ratio Lower Upper

96 100

61 135.9 0.0 264.4

98 64.4 0.0 131.8



#28

Bromochloromethane

Concen: 6.461 ug/l

RT: 4.162 min Scan# 971

Delta R.T. 0.016 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

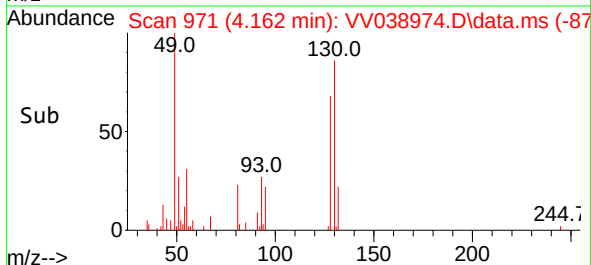
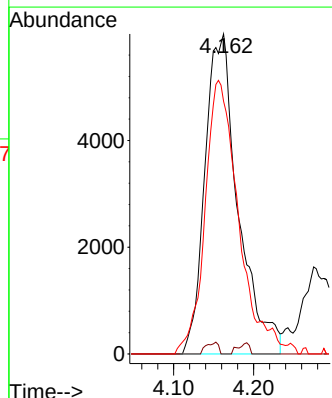
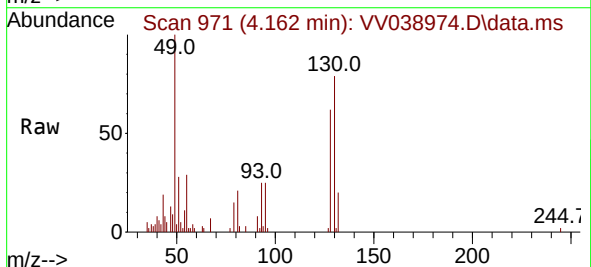
Tgt Ion: 49 Resp: 17309

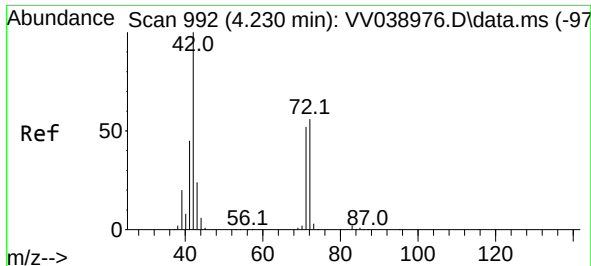
Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.2

130 86.1 78.2 117.2





#29

Tetrahydrofuran

Concen: 22.546 ug/l

RT: 4.243 min Scan# 99

Delta R.T. 0.013 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

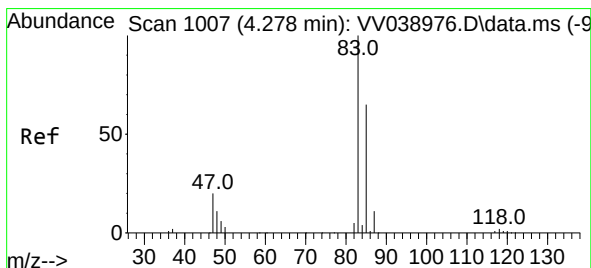
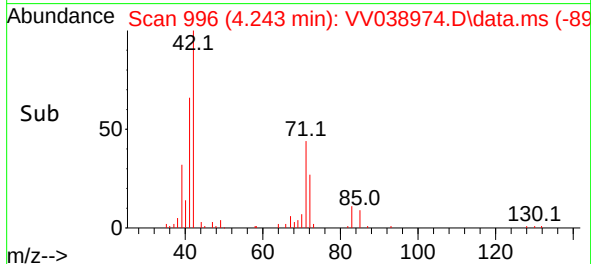
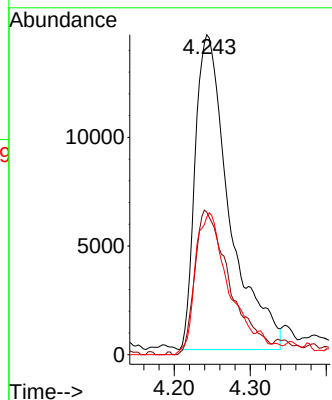
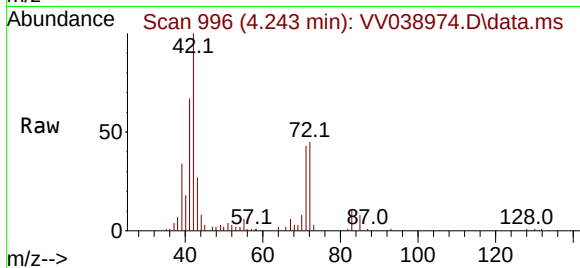
Tgt Ion: 42 Resp: 45392

Ion Ratio Lower Upper

42 100

72 47.1 44.6 66.8

71 43.2 41.6 62.4



#30

Chloroform

Concen: 5.211 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV038974.D

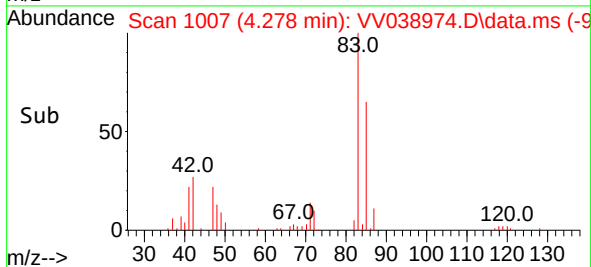
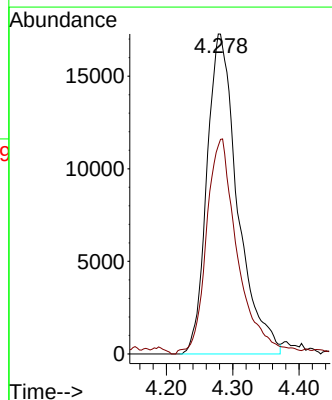
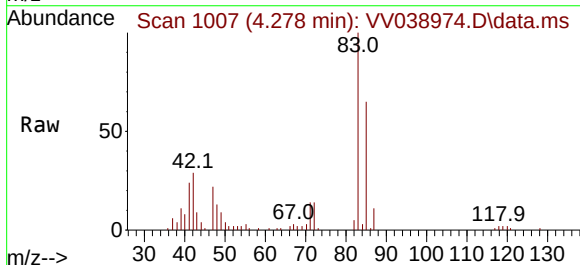
Acq: 21 Aug 2025 09:48

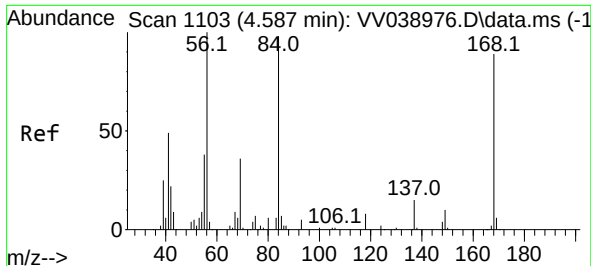
Tgt Ion: 83 Resp: 55537

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.2

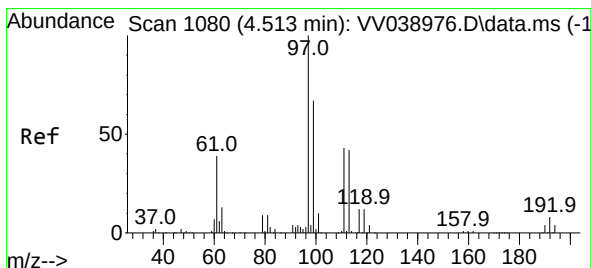
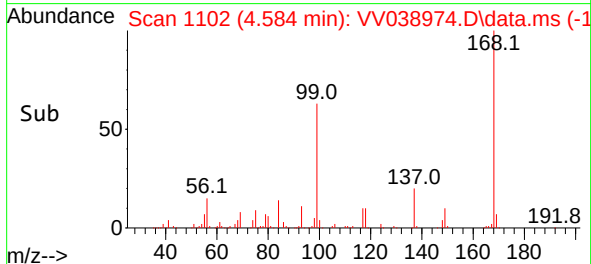
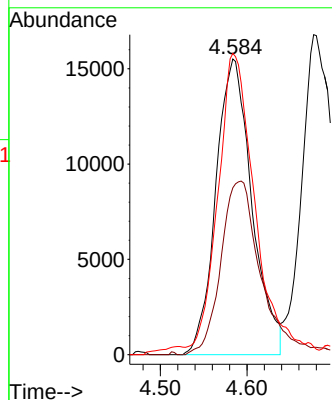
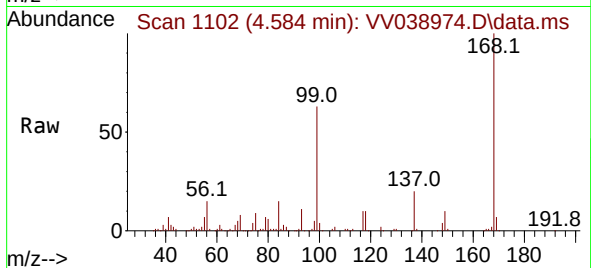




#31
Cyclohexane
Concen: 5.511 ug/l
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

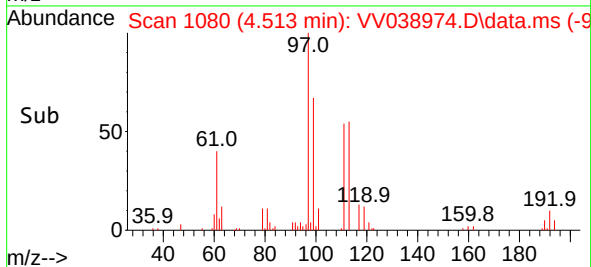
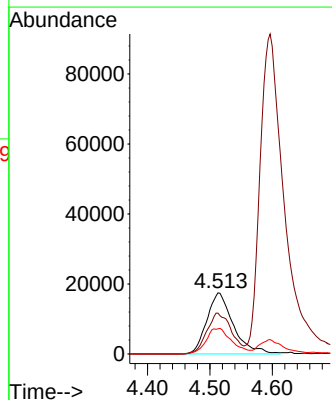
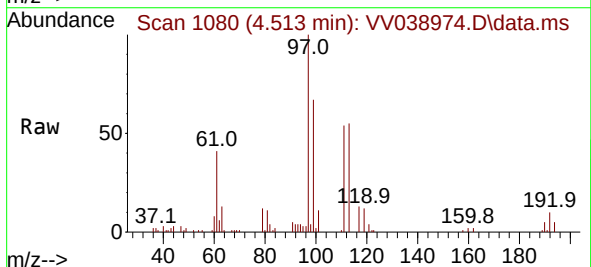
Instrument :
MSVOA_V
ClientSampleId :

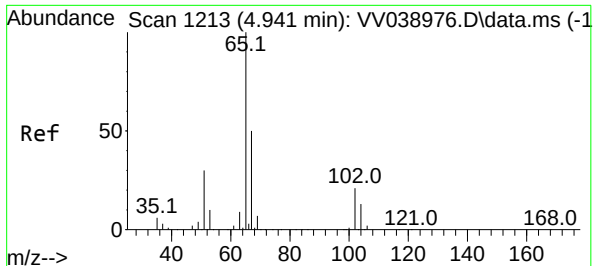
Tgt Ion: 56 Resp: 44744
Ion Ratio Lower Upper
56 100
69 56.4 28.6 42.8#
84 99.1 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 5.273 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 97 Resp: 51520
Ion Ratio Lower Upper
97 100
99 62.0 49.5 74.3
61 40.6 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 5.809 ug/l

RT: 4.953 min Scan# 1217

Delta R.T. 0.013 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

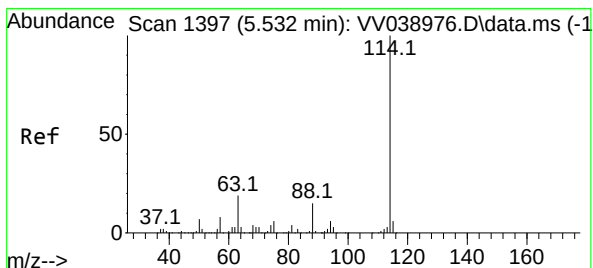
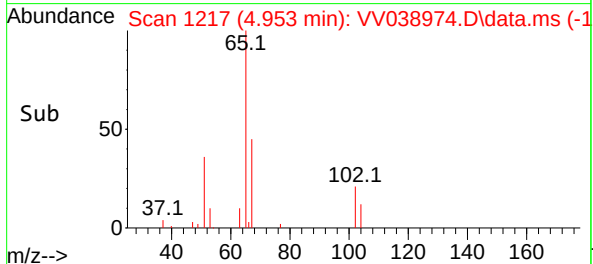
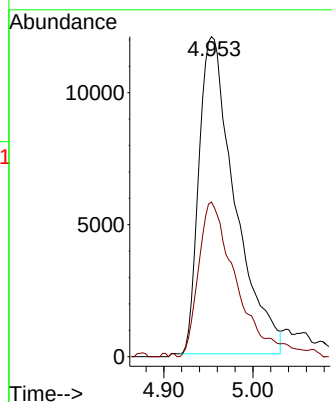
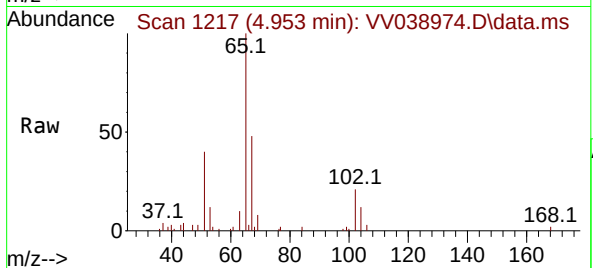
ClientSampleId :

Tgt Ion: 65 Resp: 33658

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

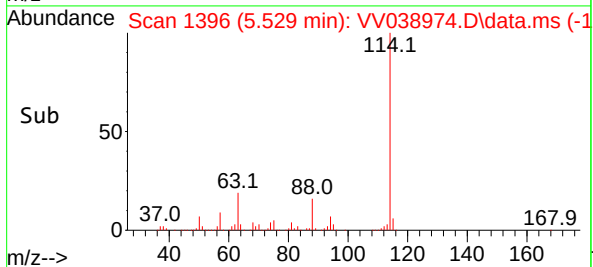
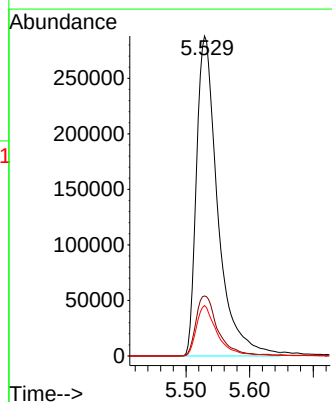
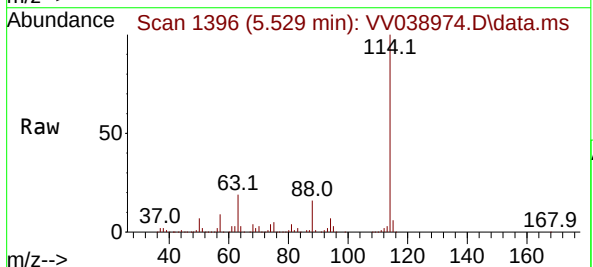
Tgt Ion: 114 Resp: 670769

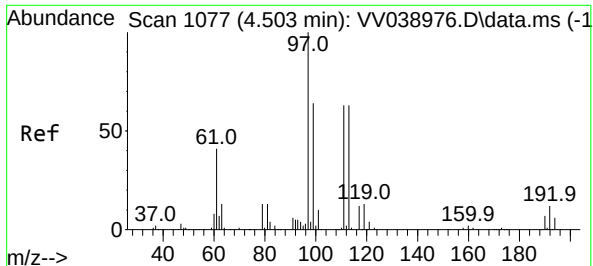
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.596 ug/l

RT: 4.513 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV038974.D

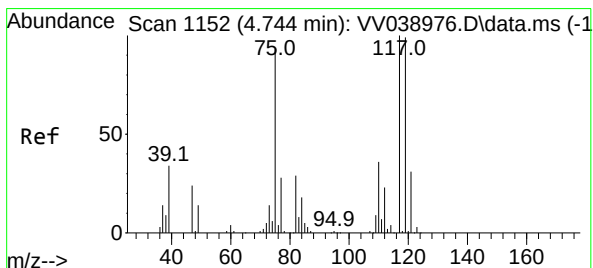
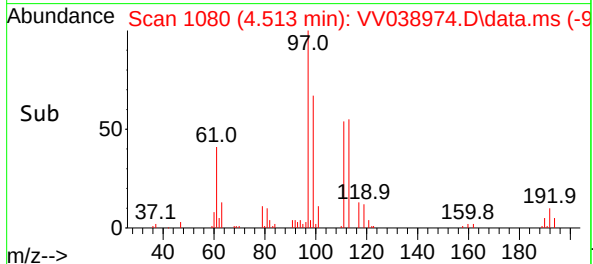
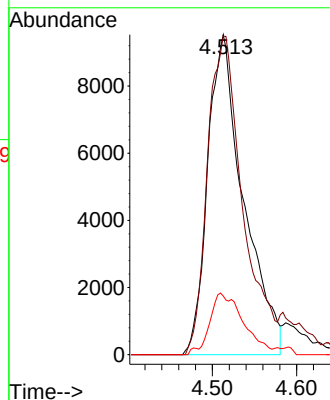
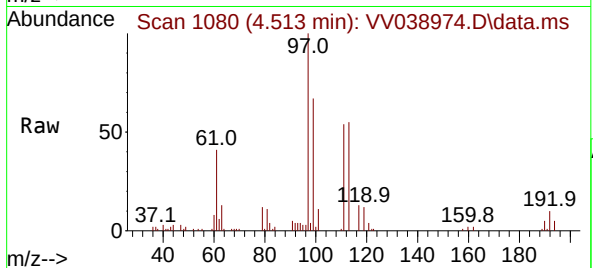
Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	113	Resp:	28151
Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.3	121.9
192	18.1	15.4	23.0



#36

1,1-Dichloropropene

Concen: 4.325 ug/l

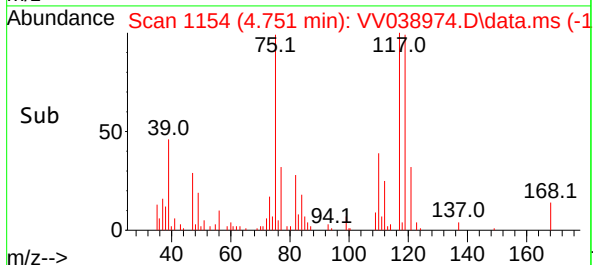
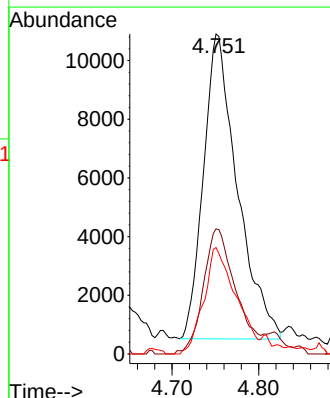
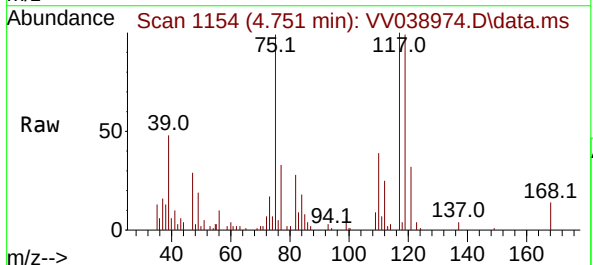
RT: 4.751 min Scan# 1154

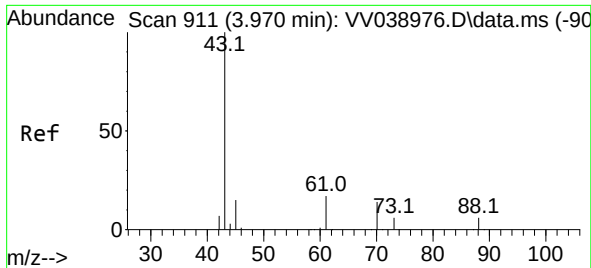
Delta R.T. 0.006 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Tgt Ion:	75	Resp:	28257
Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.6	58.7
77	33.0	24.4	36.6

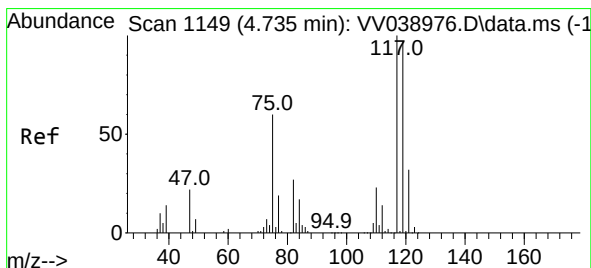
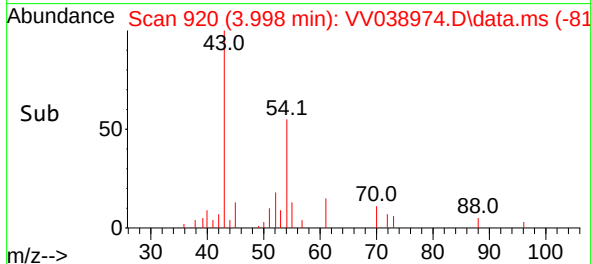
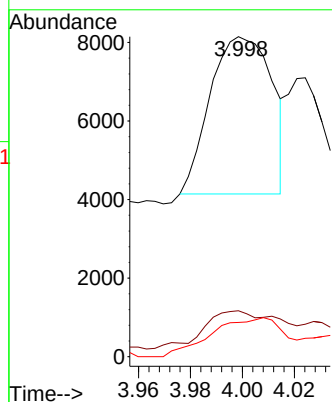
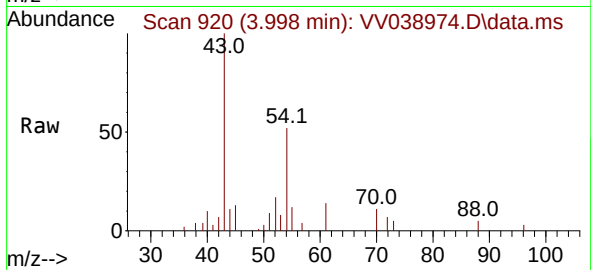




#37
Ethyl Acetate
Concen: 0.986 ug/l
RT: 3.998 min Scan# 911
Delta R.T. 0.028 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

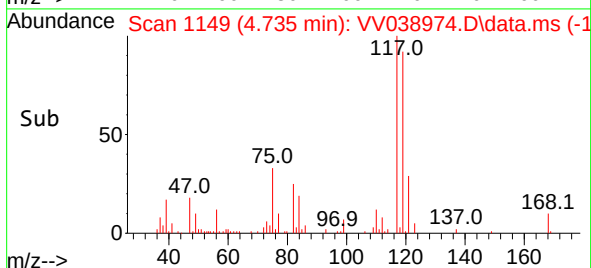
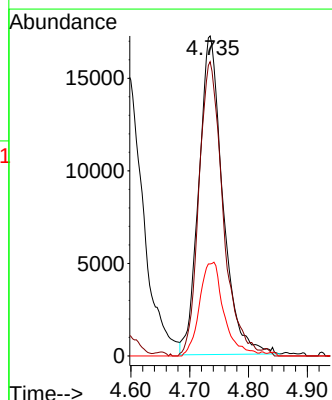
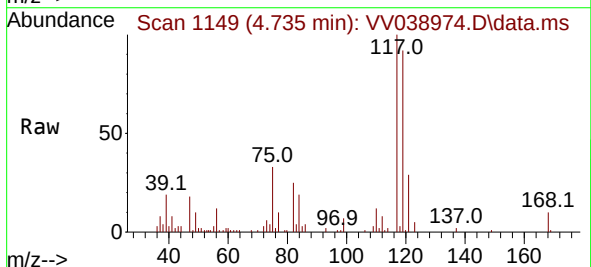
Instrument :
MSVOA_V
ClientSampleId :

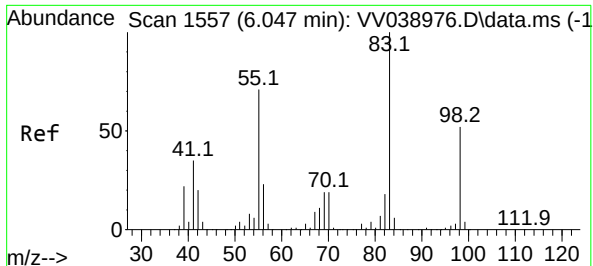
Tgt Ion: 43 Resp: 6618
Ion Ratio Lower Upper
43 100
61 30.4 12.6 19.0#
70 28.9 10.2 15.4#



#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 117 Resp: 48720
Ion Ratio Lower Upper
117 100
119 92.5 77.1 115.7
121 28.9 25.4 38.2





#39

Methylcyclohexane

Concen: 4.744 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

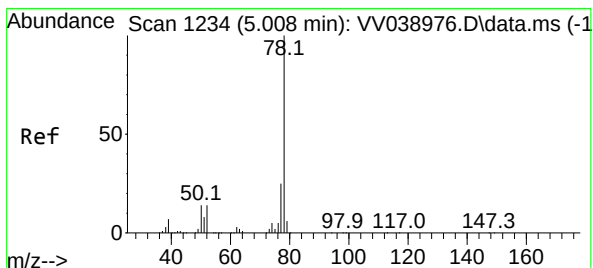
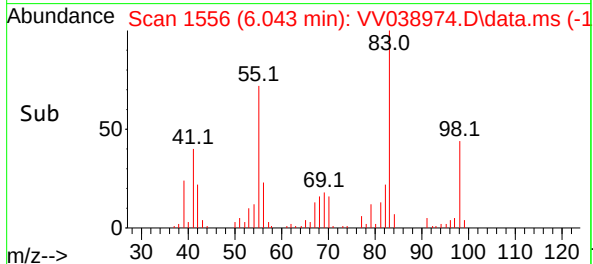
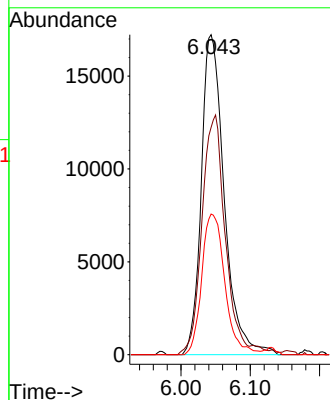
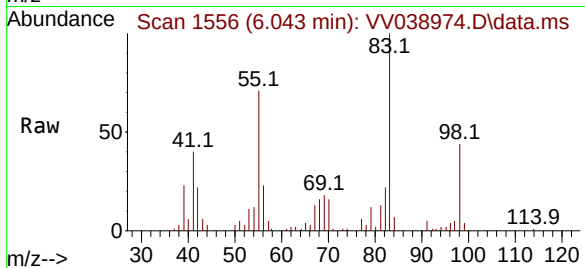
Tgt Ion: 83 Resp: 39602

Ion Ratio Lower Upper

83 100

55 70.3 57.0 85.6

98 43.9 41.3 61.9



#40

Benzene

Concen: 5.106 ug/l

RT: 5.014 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV038974.D

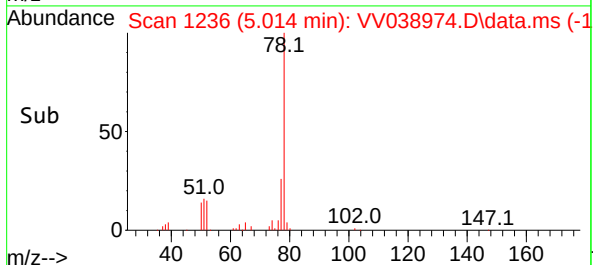
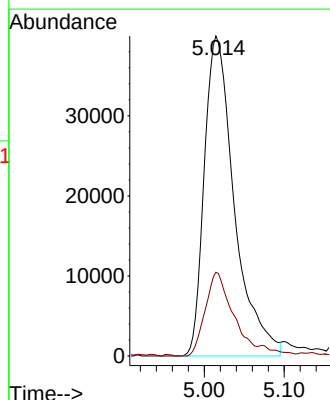
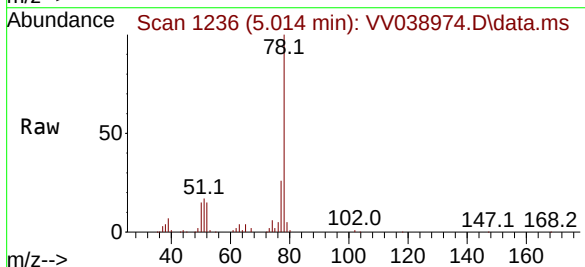
Acq: 21 Aug 2025 09:48

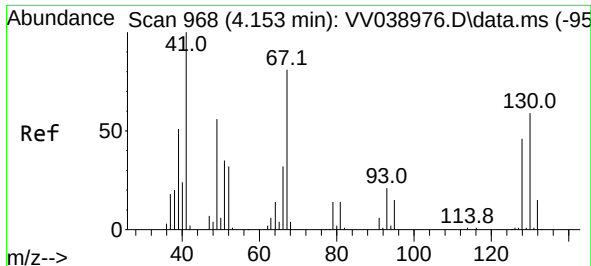
Tgt Ion: 78 Resp: 104481

Ion Ratio Lower Upper

78 100

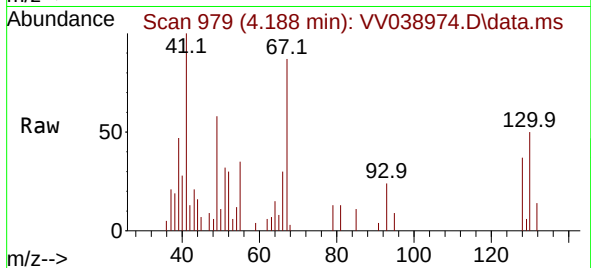
77 26.1 19.6 29.4



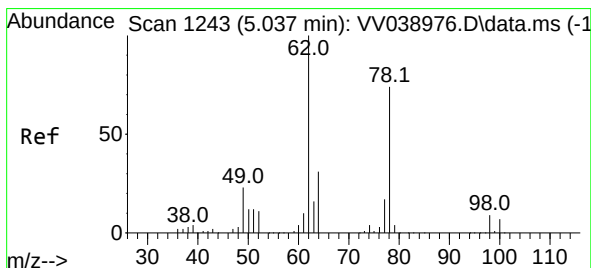
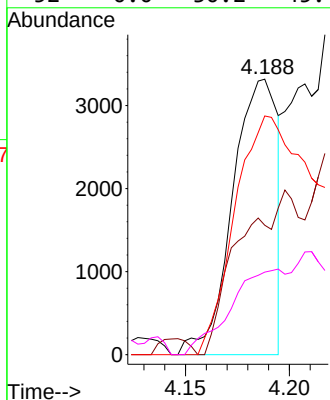
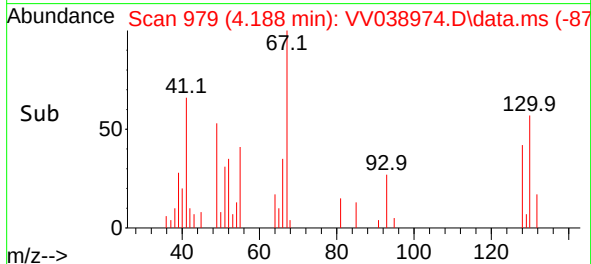


#41
Methacrylonitrile
Concen: 1.954 ug/l
RT: 4.188 min Scan# 91
Delta R.T. 0.035 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Instrument :
MSVOA_V
ClientSampleId :

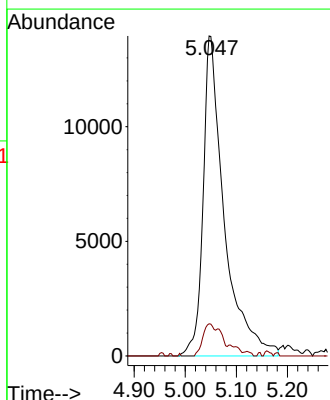
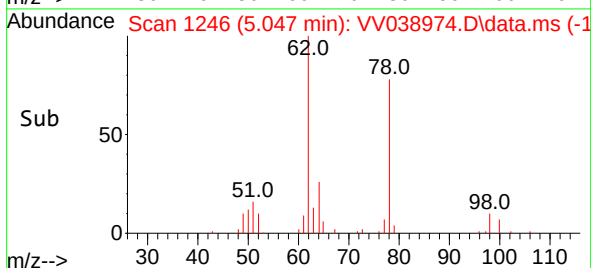
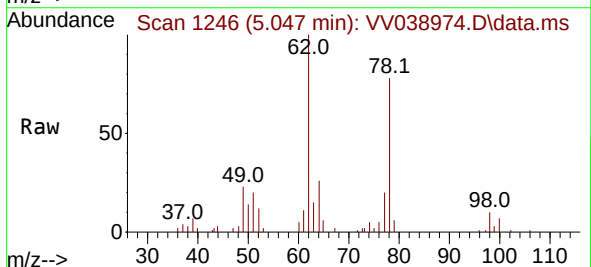


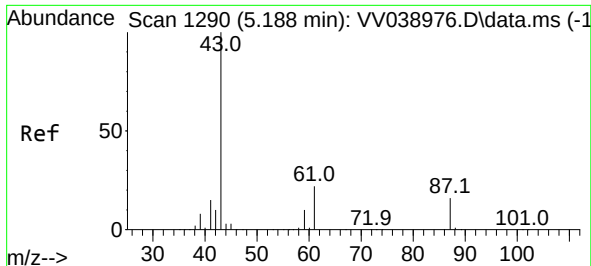
Tgt Ion:	41	Resp:	4961
Ion	Ratio	Lower	Upper
41	100		
39	47.3	45.5	68.3
67	195.1	83.5	125.3#
52	0.0	30.2	45.4#



#42
1,2-Dichloroethane
Concen: 5.355 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:	62	Resp:	40055
Ion	Ratio	Lower	Upper
62	100		
98	5.7	0.0	19.2

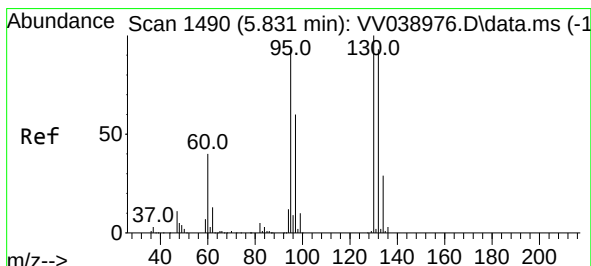
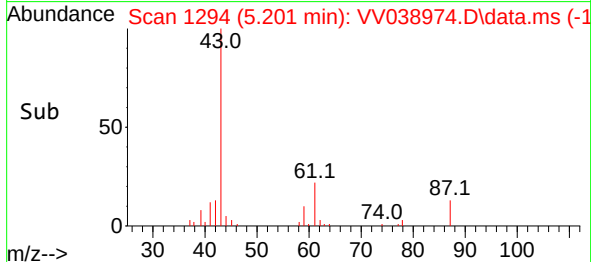
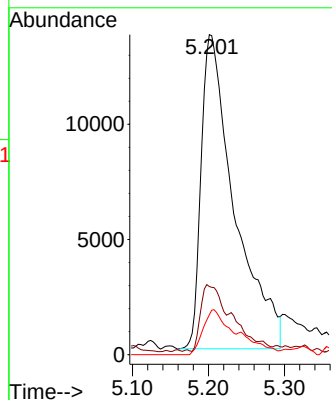
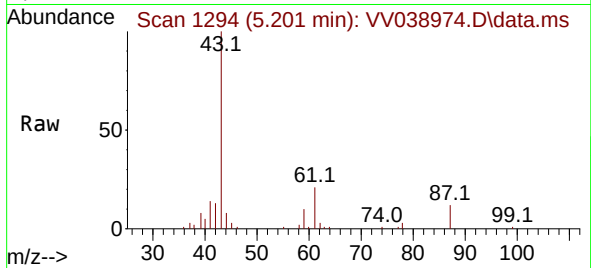




#43
Isopropyl Acetate
Concen: 4.295 ug/l
RT: 5.201 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

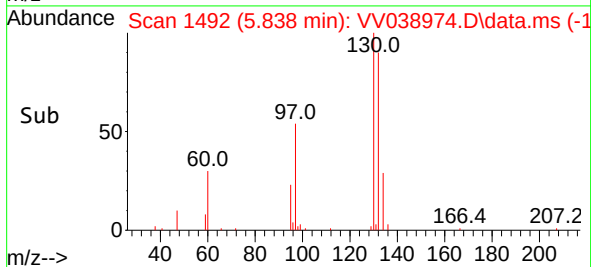
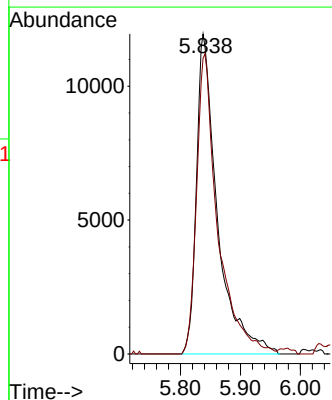
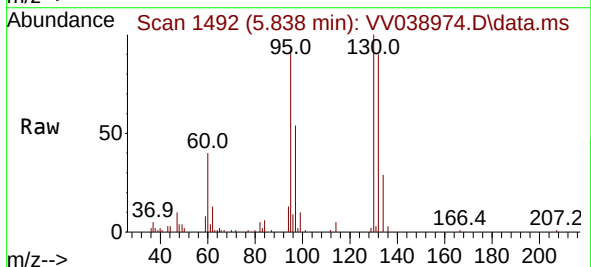
Instrument :
MSVOA_V
ClientSampleId :

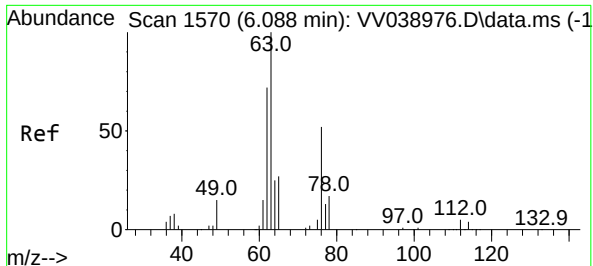
Tgt Ion: 43 Resp: 41554
Ion Ratio Lower Upper
43 100
61 20.2 17.4 26.2
87 10.4 13.3 19.9#



#44
Trichloroethene
Concen: 5.235 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:130 Resp: 29053
Ion Ratio Lower Upper
130 100
95 92.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 4.579 ug/l

RT: 6.095 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

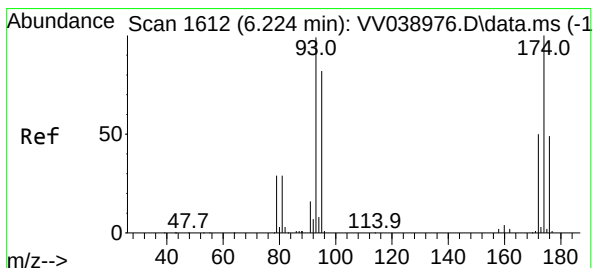
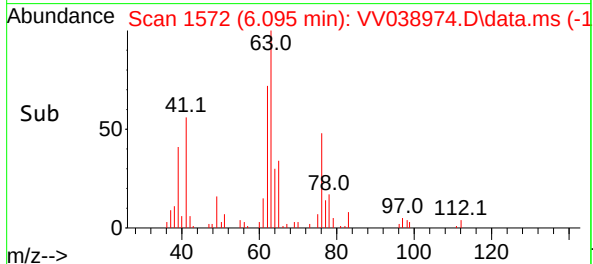
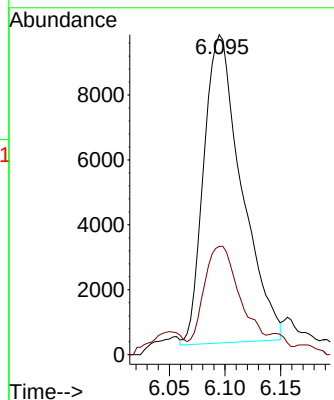
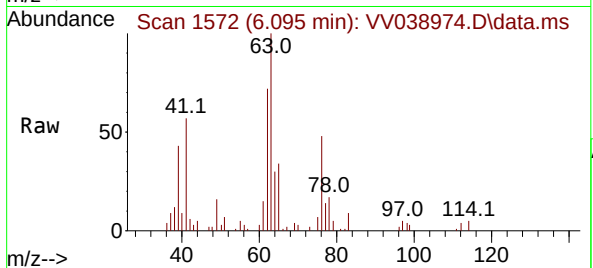
ClientSampleId :

Tgt Ion: 63 Resp: 22470

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.4



#46

Dibromomethane

Concen: 4.961 ug/l

RT: 6.236 min Scan# 1616

Delta R.T. 0.013 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

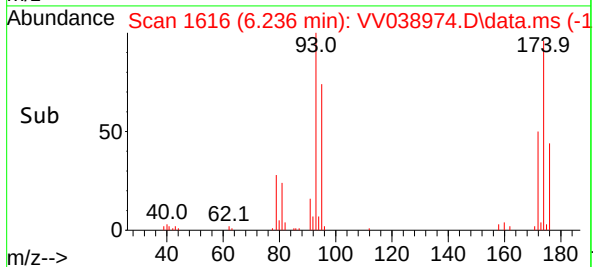
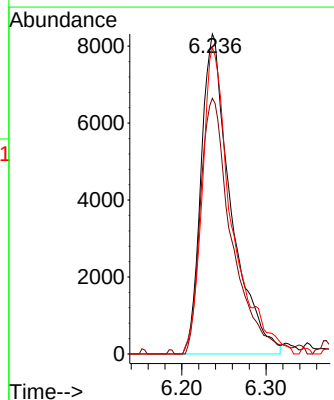
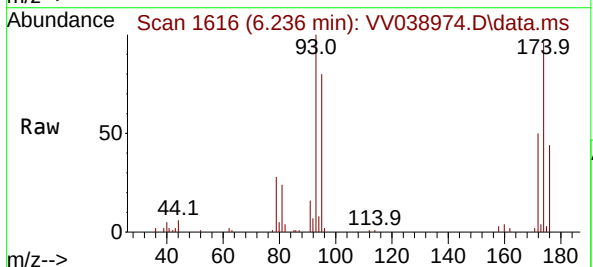
Tgt Ion: 93 Resp: 20428

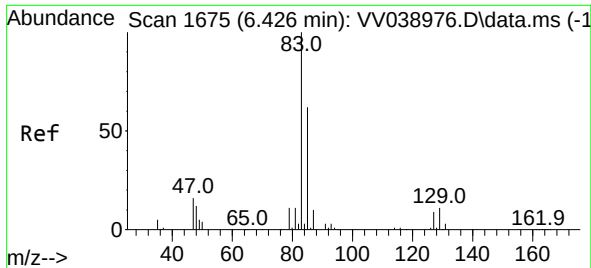
Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 95.1 79.7 119.5



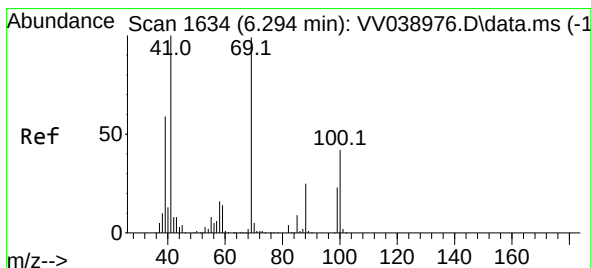
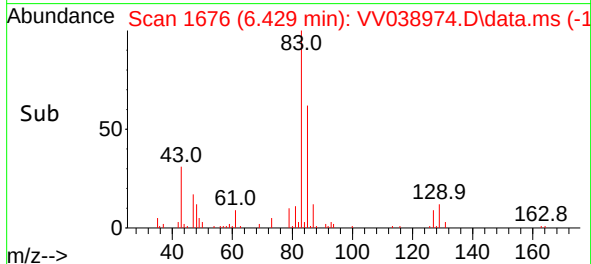
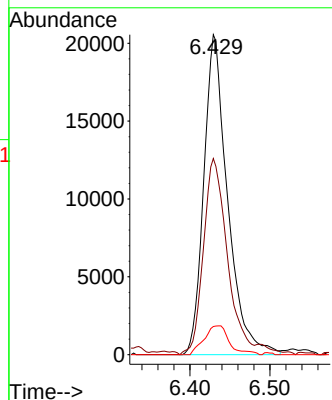
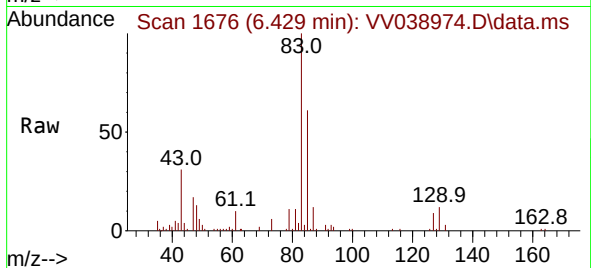


#47
 Bromodichloromethane
 Concen: 5.079 ug/l
 RT: 6.429 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 42561

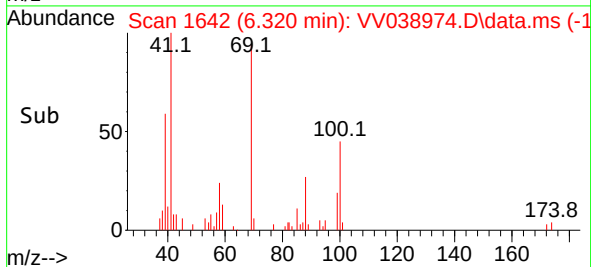
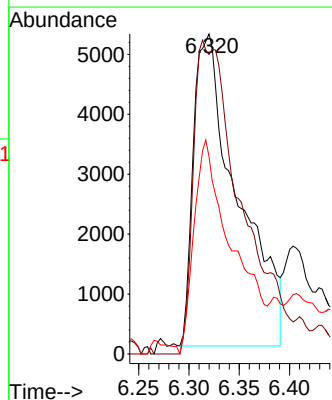
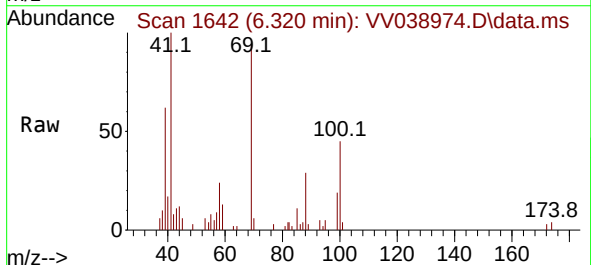
Ion	Ratio	Lower	Upper
83	100		
85	61.3	49.6	74.4
127	8.8	6.9	10.3

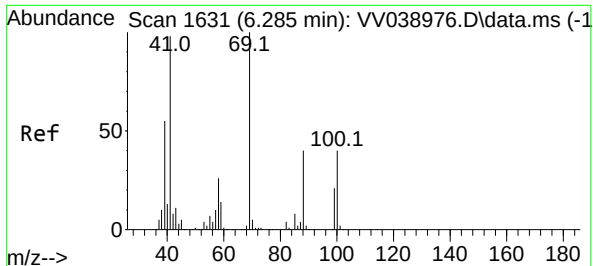


#48
 Methyl methacrylate
 Concen: 3.720 ug/l
 RT: 6.320 min Scan# 1642
 Delta R.T. 0.026 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Tgt Ion: 41 Resp: 15941

Ion	Ratio	Lower	Upper
41	100		
69	108.1	82.5	123.7
39	60.2	46.6	69.8





#49

1,4-Dioxane

Concen: 83.460 ug/l

RT: 6.307 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

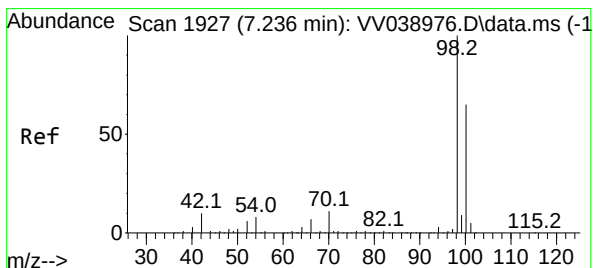
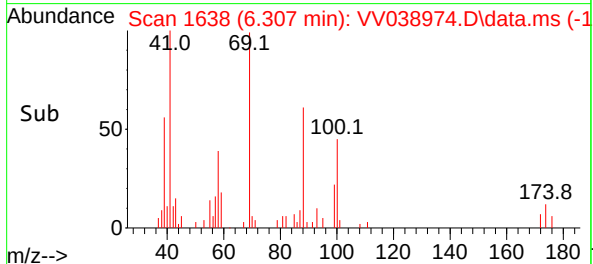
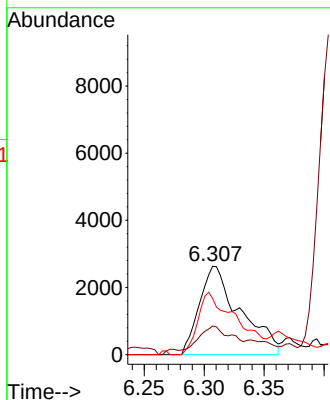
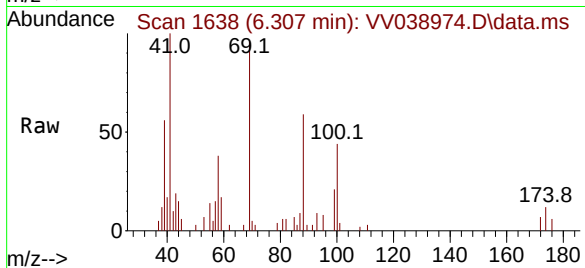
Tgt Ion: 88 Resp: 6245

Ion Ratio Lower Upper

88 100

43 20.5 24.6 36.8#

58 67.6 51.8 77.6



#50

Toluene-d8

Concen: 5.180 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038974.D

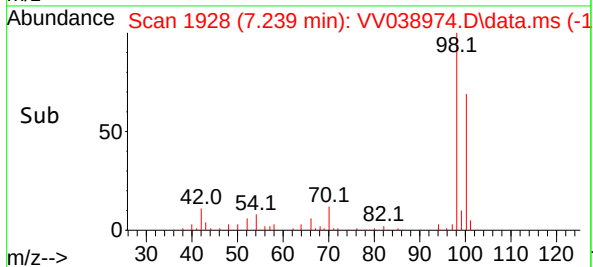
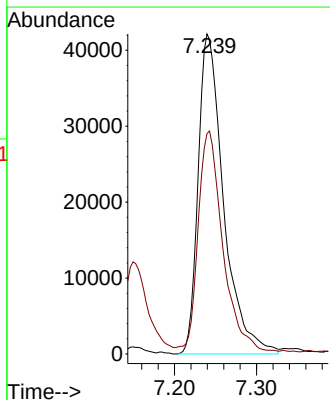
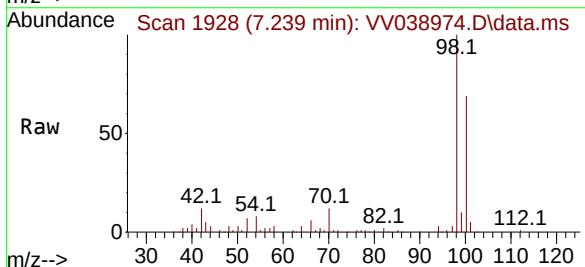
Acq: 21 Aug 2025 09:48

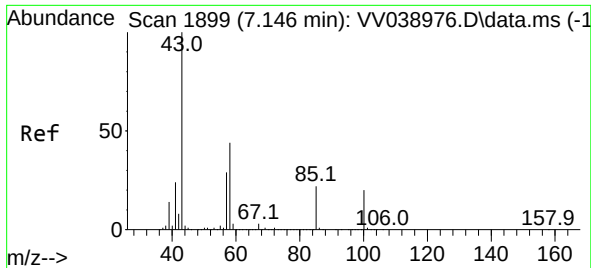
Tgt Ion: 98 Resp: 90872

Ion Ratio Lower Upper

98 100

100 66.9 52.2 78.2

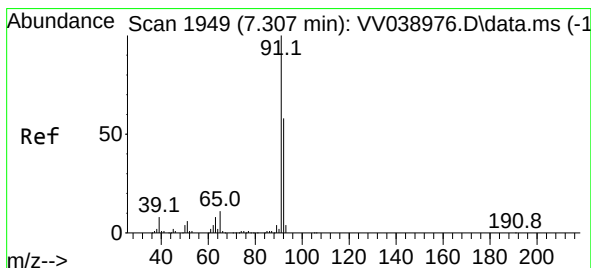
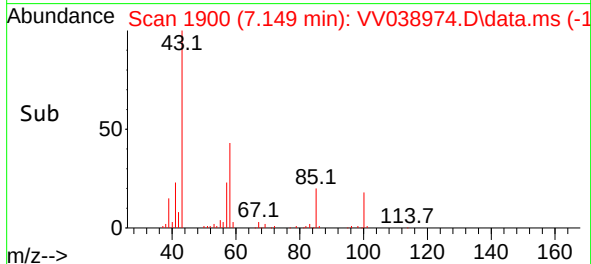
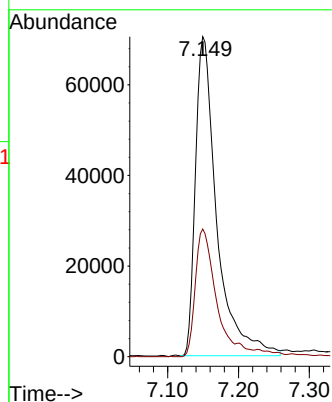
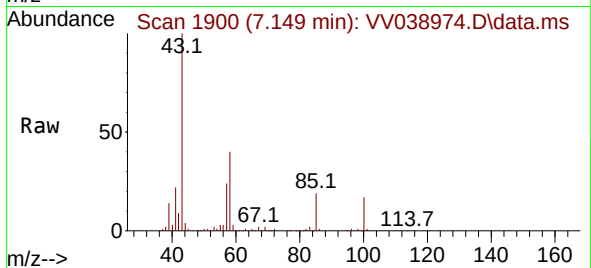




#51
4-Methyl-2-Pentanone
Concen: 22.716 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

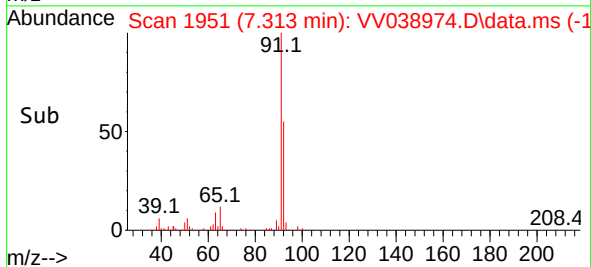
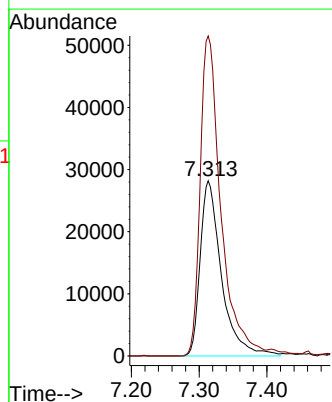
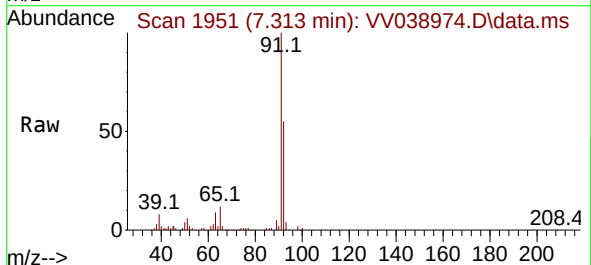
Instrument :
MSVOA_V
ClientSampleId :

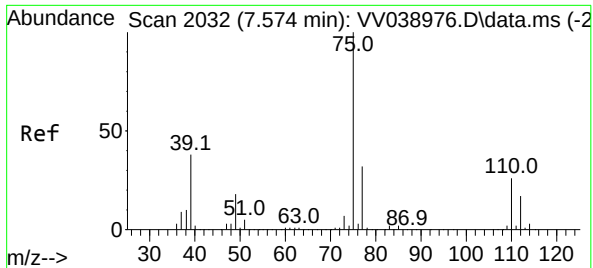
Tgt Ion: 43 Resp: 147493
Ion Ratio Lower Upper
43 100
58 39.2 34.6 51.8



#52
Toluene
Concen: 4.741 ug/l
RT: 7.313 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 92 Resp: 61443
Ion Ratio Lower Upper
92 100
91 177.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 4.360 ug/l

RT: 7.583 min Scan# 2035

Delta R.T. 0.010 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

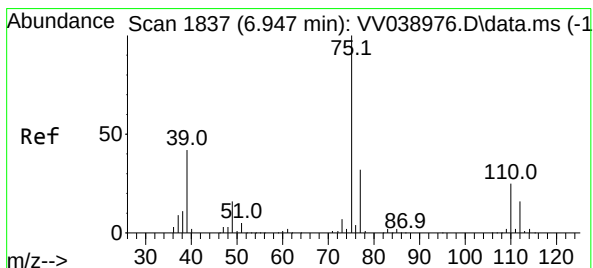
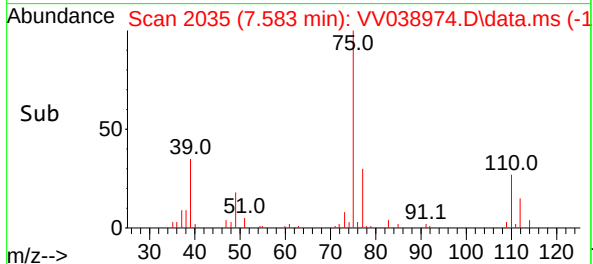
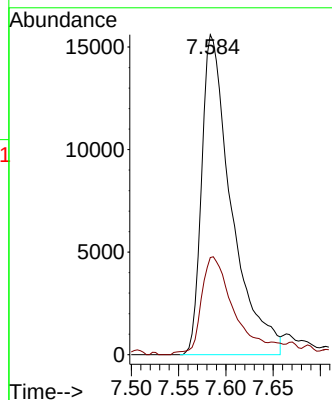
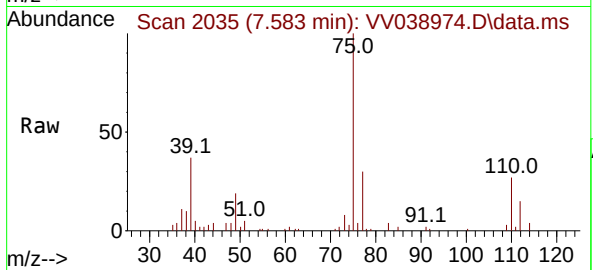
ClientSampleId :

Tgt Ion: 75 Resp: 34156

Ion Ratio Lower Upper

75 100

77 29.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 4.724 ug/l

RT: 6.957 min Scan# 1840

Delta R.T. 0.010 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

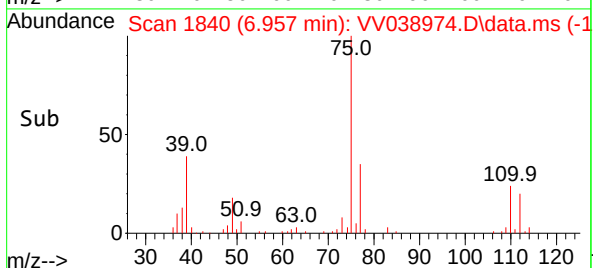
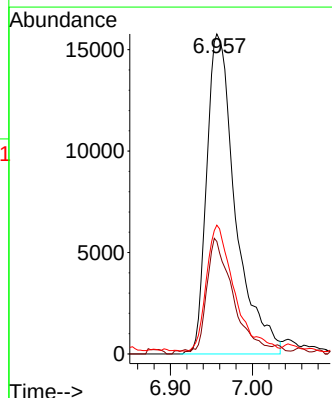
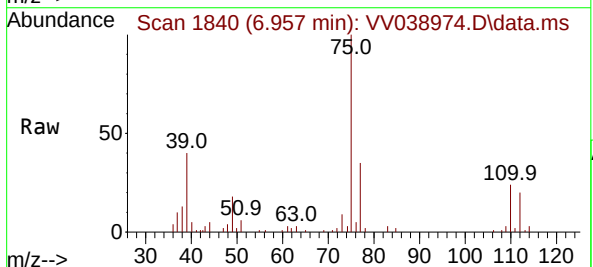
Tgt Ion: 75 Resp: 38343

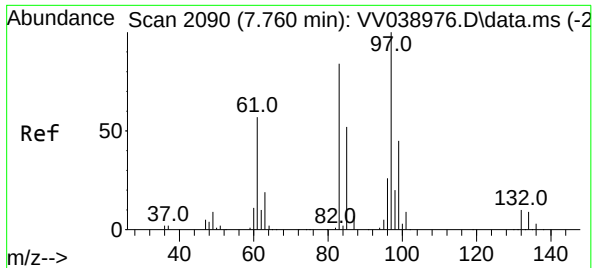
Ion Ratio Lower Upper

75 100

77 34.4 25.6 38.4

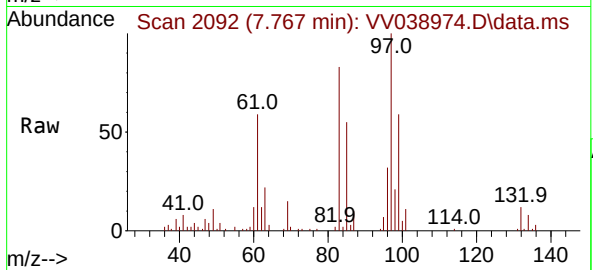
39 39.3 33.3 49.9



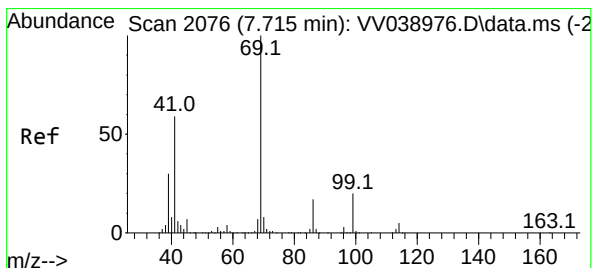
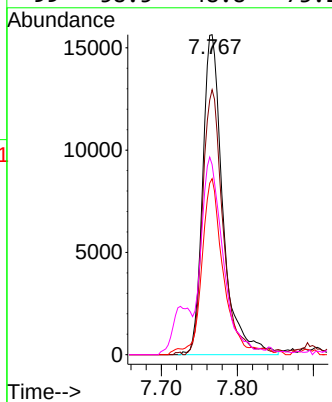
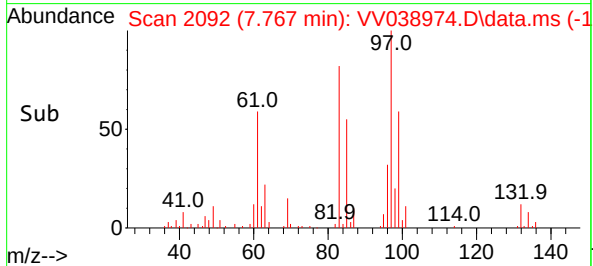


#55
1,1,2-Trichloroethane
Concen: 5.132 ug/l
RT: 7.767 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

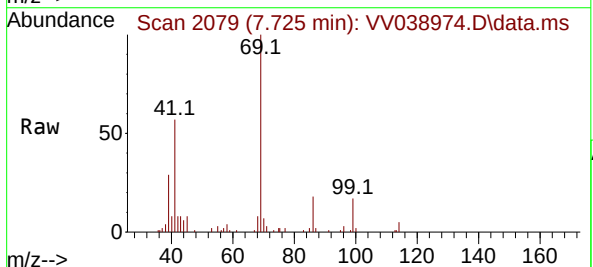
Instrument :
MSVOA_V
ClientSampleId :



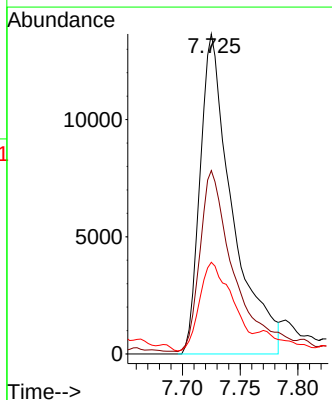
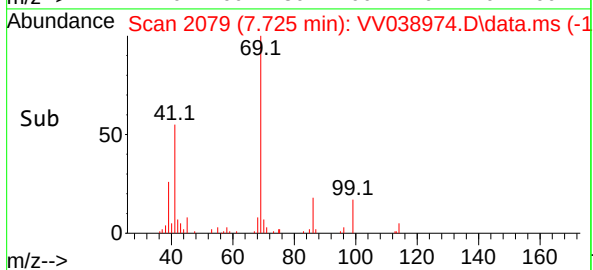
Tgt Ion:	97	Resp:	28995
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.2	100.8
85	53.9	42.7	64.1
99	58.5	48.8	73.2

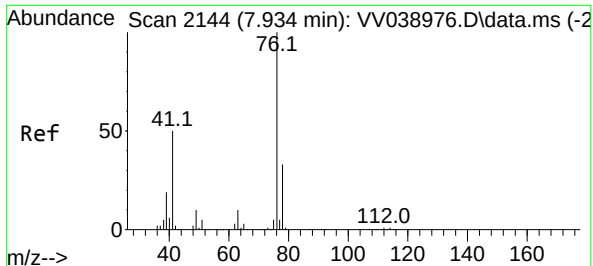


#56
Ethyl methacrylate
Concen: 5.062 ug/l
RT: 7.725 min Scan# 2079
Delta R.T. 0.010 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48



Tgt Ion:	69	Resp:	26451
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.5	71.3
39	28.2	24.2	36.2





#57

1,3-Dichloropropane

Concen: 4.906 ug/l

RT: 7.937 min Scan# 2145

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

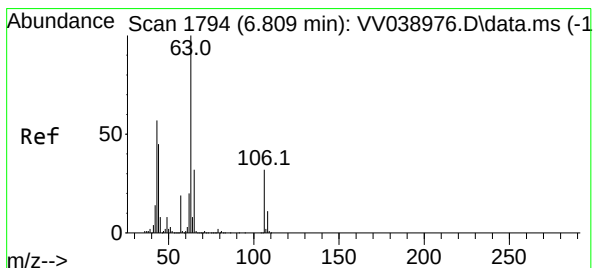
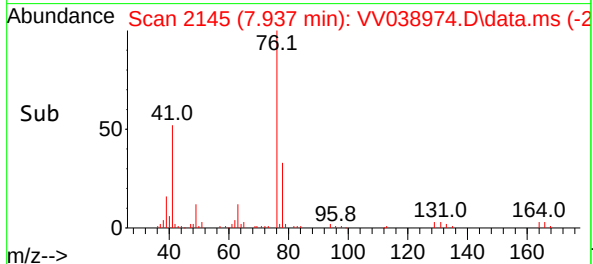
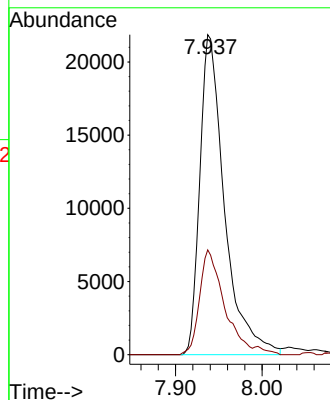
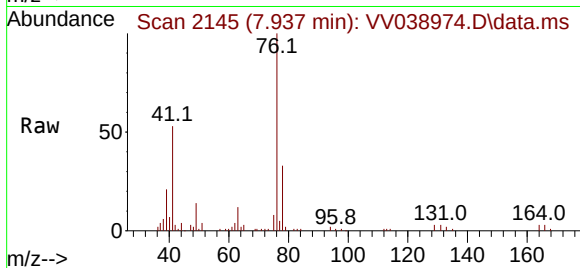
ClientSampleId :

Tgt Ion: 76 Resp: 43220

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 20.376 ug/l

RT: 6.818 min Scan# 1797

Delta R.T. 0.009 min

Lab File: VV038974.D

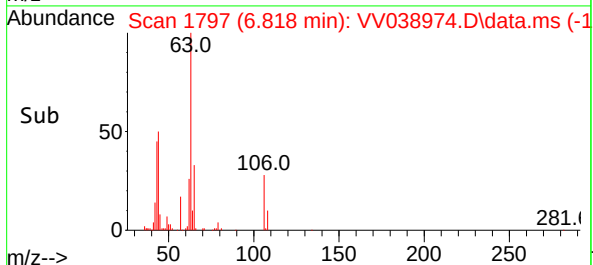
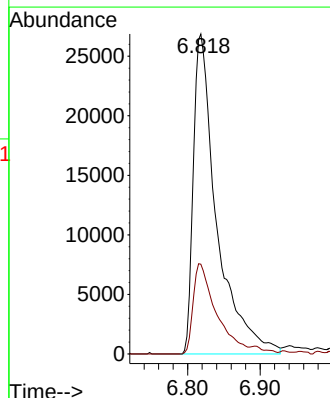
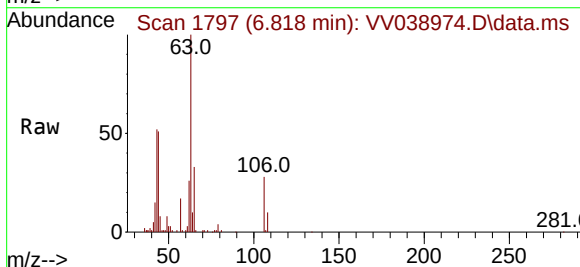
Acq: 21 Aug 2025 09:48

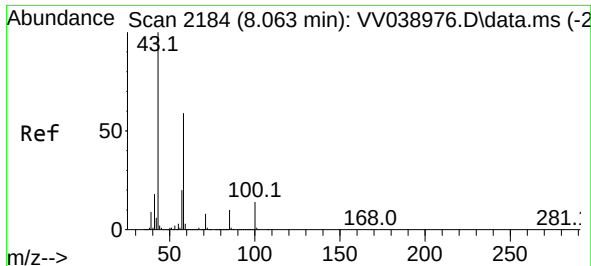
Tgt Ion: 63 Resp: 60203

Ion Ratio Lower Upper

63 100

106 27.7 25.6 38.4





#59

2-Hexanone

Concen: 25.107 ug/l

RT: 8.072 min Scan# 2184

Delta R.T. 0.009 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

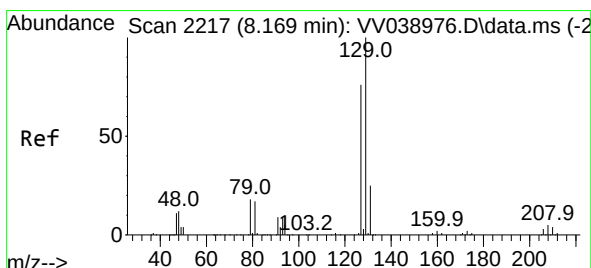
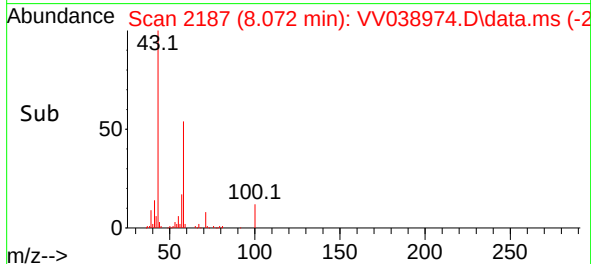
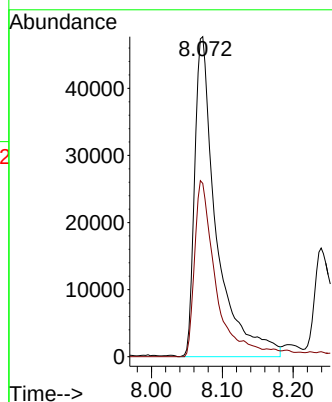
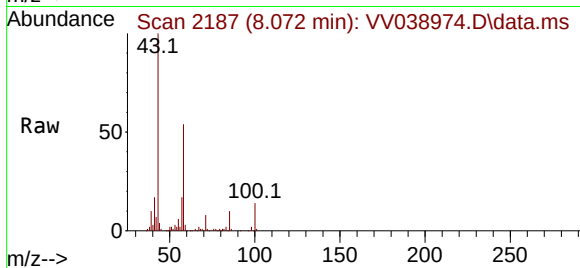
ClientSampleId :

Tgt Ion: 43 Resp: 101321

Ion Ratio Lower Upper

43 100

58 52.9 29.8 89.4



#60

Dibromochloromethane

Concen: 5.137 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038974.D

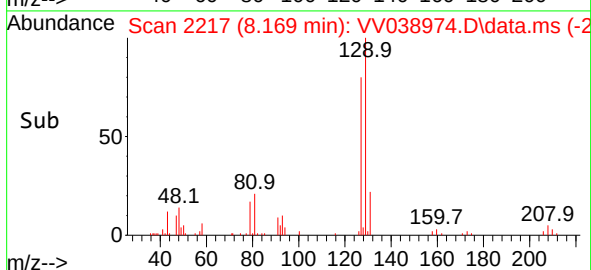
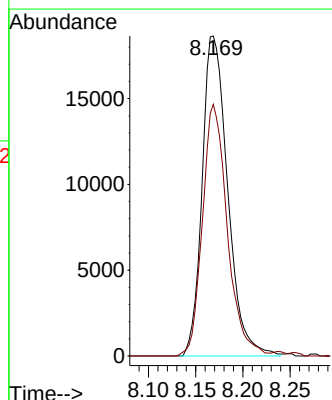
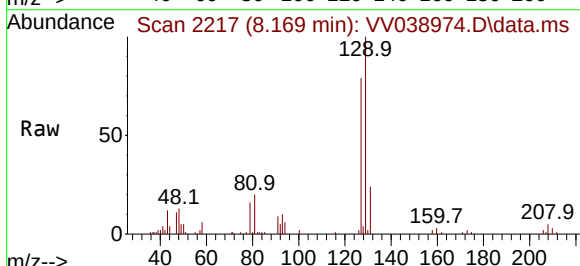
Acq: 21 Aug 2025 09:48

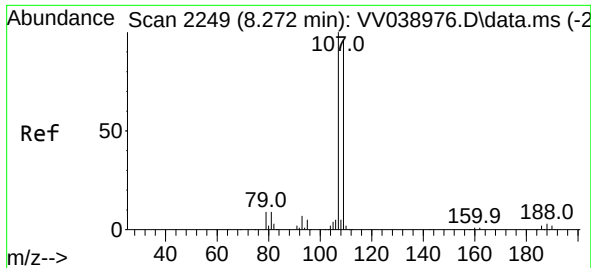
Tgt Ion:129 Resp: 35047

Ion Ratio Lower Upper

129 100

127 76.4 38.4 115.1

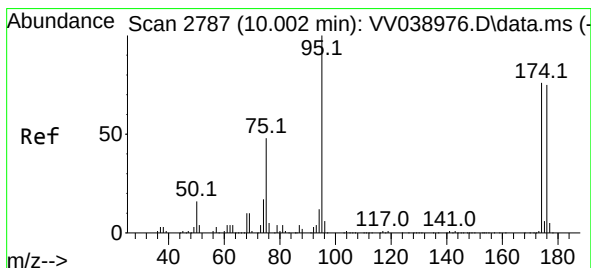
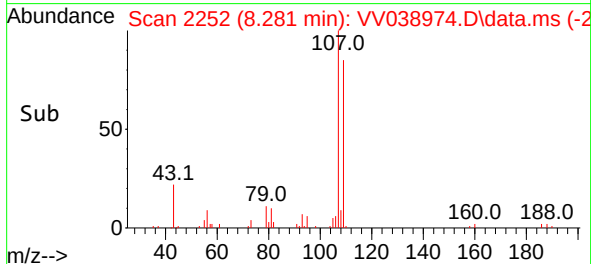
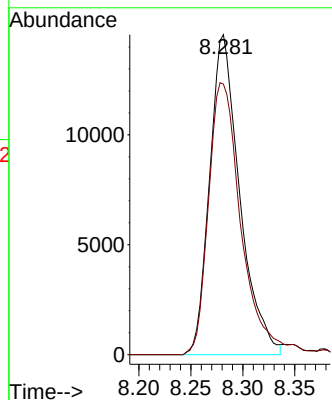
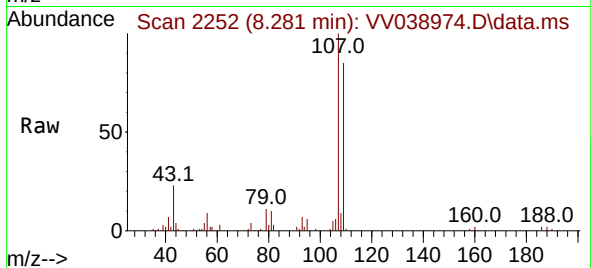




#61
1,2-Dibromoethane
Concen: 5.002 ug/l
RT: 8.281 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

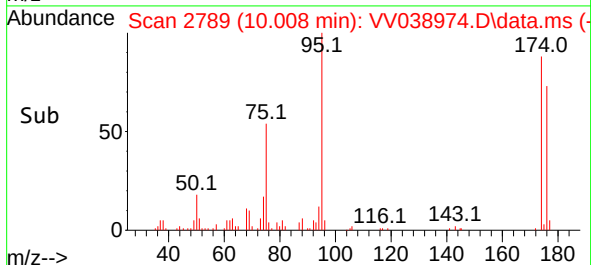
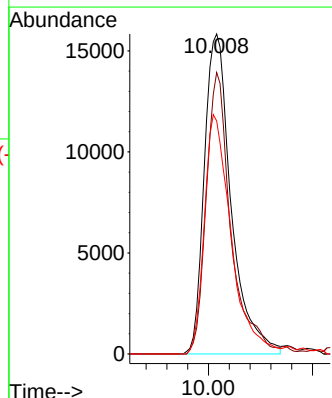
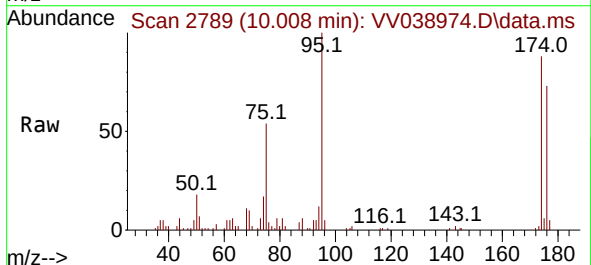
Instrument :
MSVOA_V
ClientSampleId :

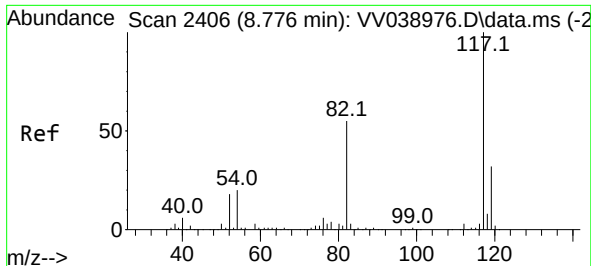
Tgt Ion:107 Resp: 29319
Ion Ratio Lower Upper
107 100
109 92.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 4.444 ug/l
RT: 10.008 min Scan# 2789
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 95 Resp: 28515
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.4
176 74.3 0.0 148.6

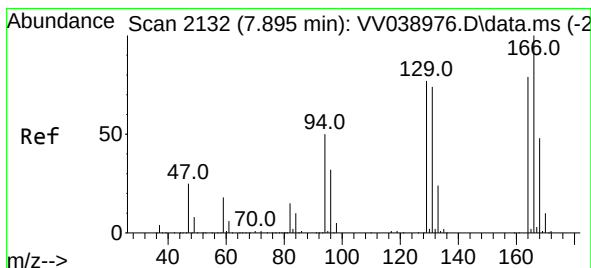
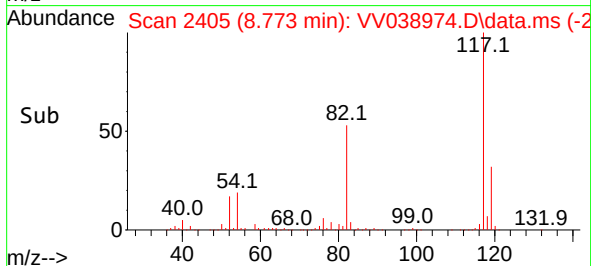
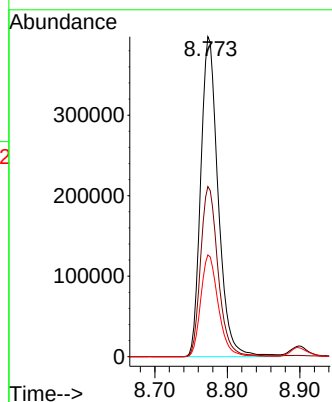
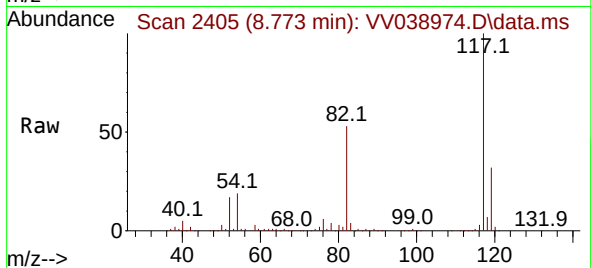




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

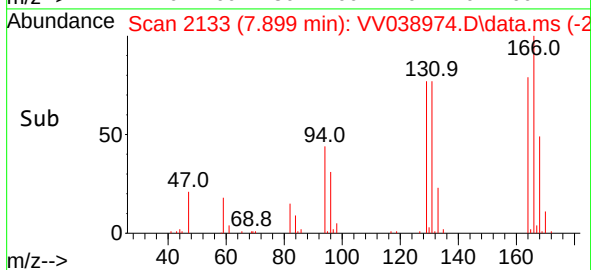
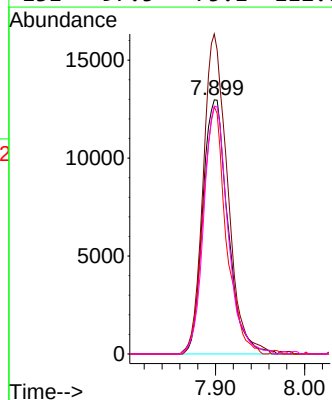
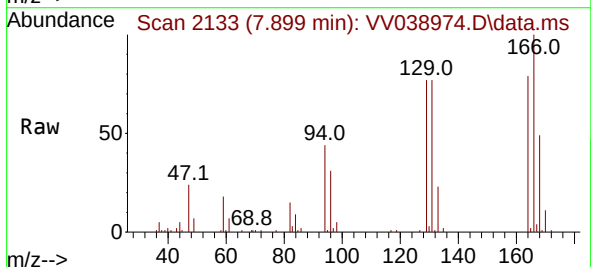
Instrument :
MSVOA_V
ClientSampleId :

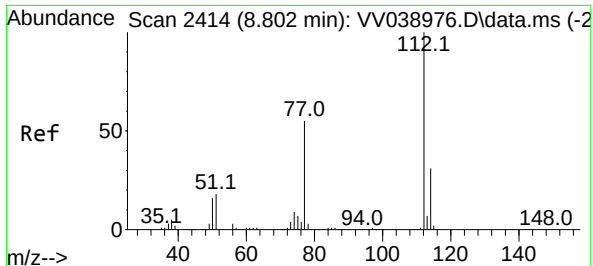
Tgt Ion:117 Resp: 663470
Ion Ratio Lower Upper
117 100
82 53.2 44.4 66.6
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 5.135 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:164 Resp: 25352
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.6
129 97.3 78.7 118.1
131 97.5 75.1 112.7

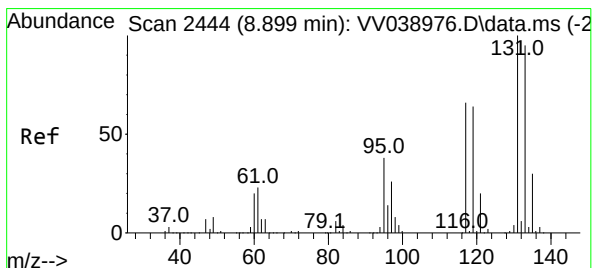
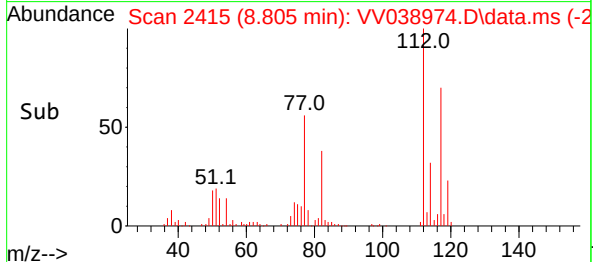
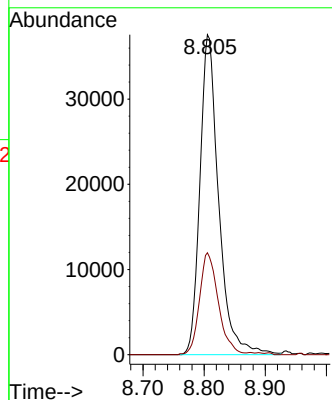
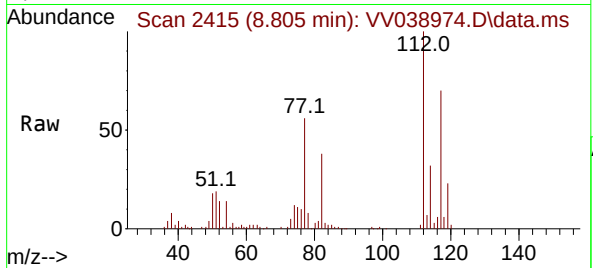




#65
Chlorobenzene
Concen: 5.004 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

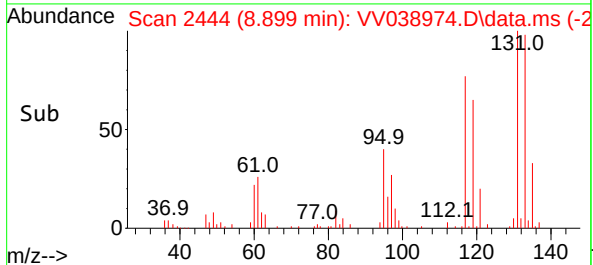
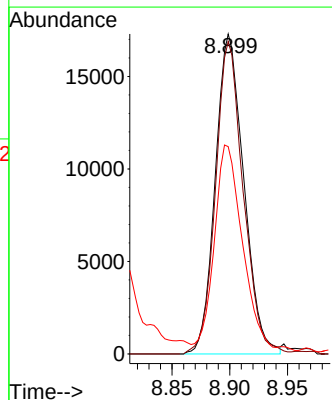
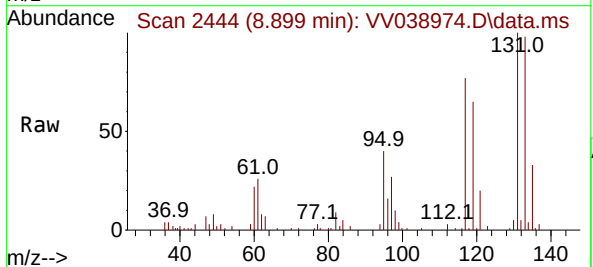
Instrument :
MSVOA_V
ClientSampleId :

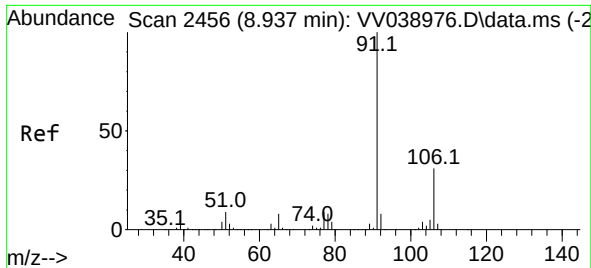
Tgt Ion:112 Resp: 80045
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.160 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:131 Resp: 29630
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 61.9 32.1 96.3





#67

Ethyl Benzene

Concen: 4.508 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

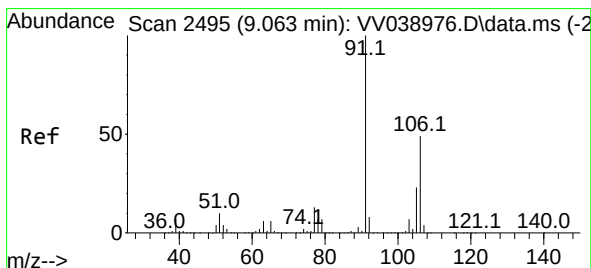
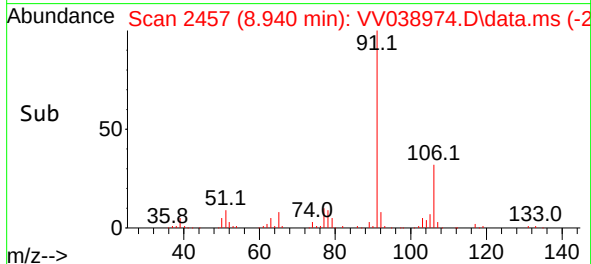
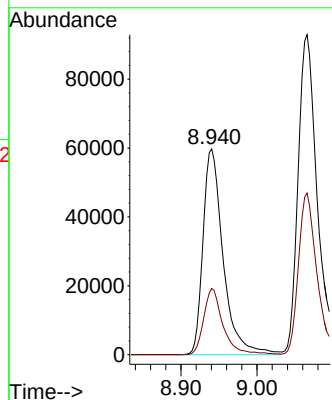
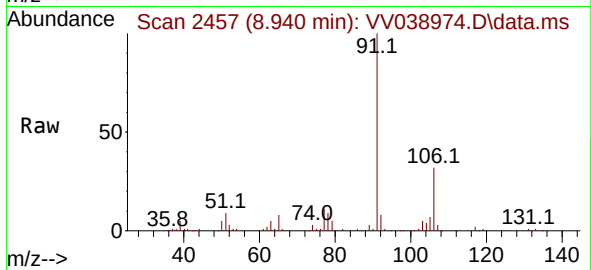
ClientSampleId :

Tgt Ion: 91 Resp: 110094

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 8.605 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038974.D

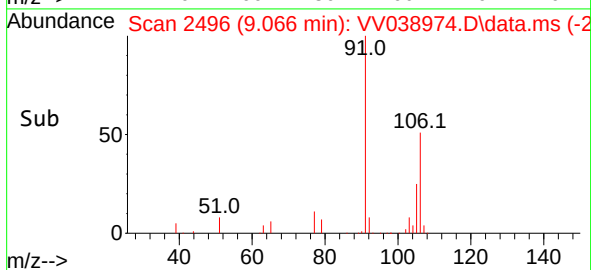
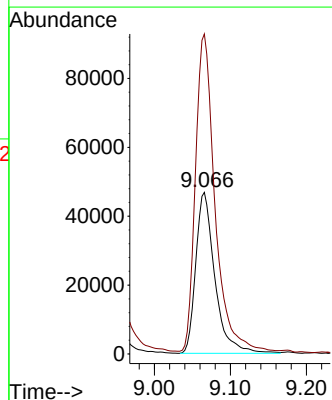
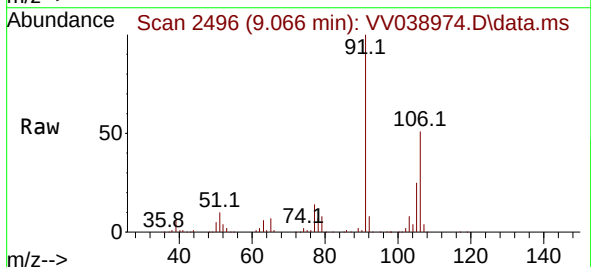
Acq: 21 Aug 2025 09:48

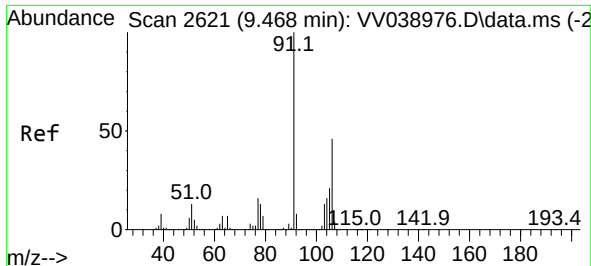
Tgt Ion:106 Resp: 81612

Ion Ratio Lower Upper

106 100

91 201.7 163.6 245.4

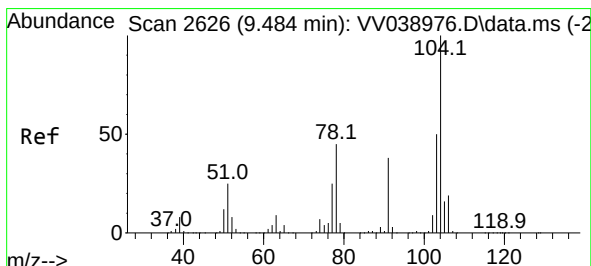
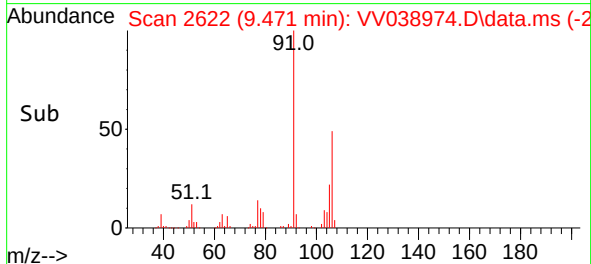
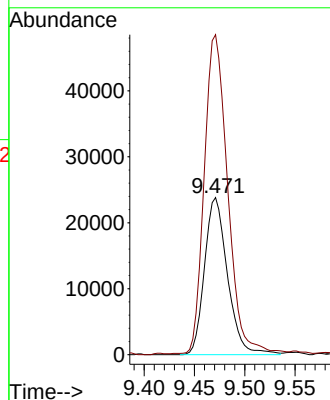
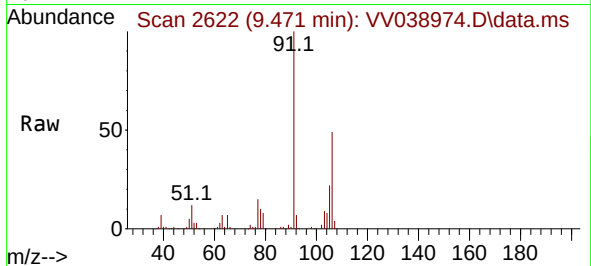




#69
o-Xylene
Concen: 4.391 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

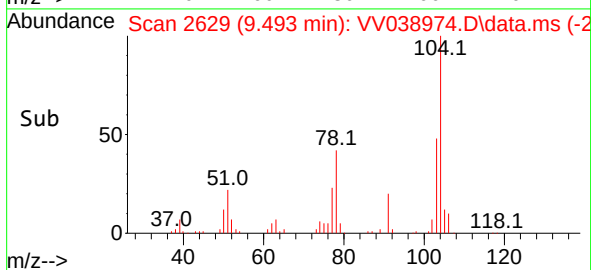
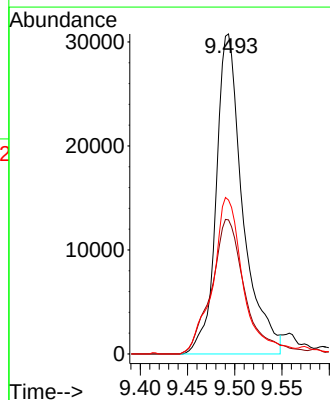
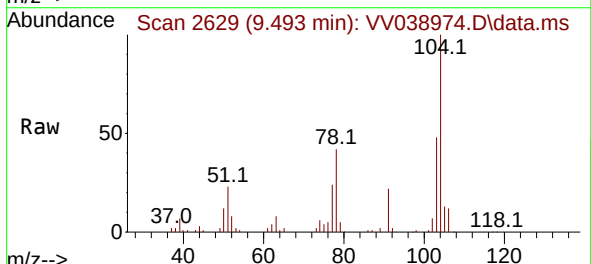
Instrument :
MSVOA_V
ClientSampleId :

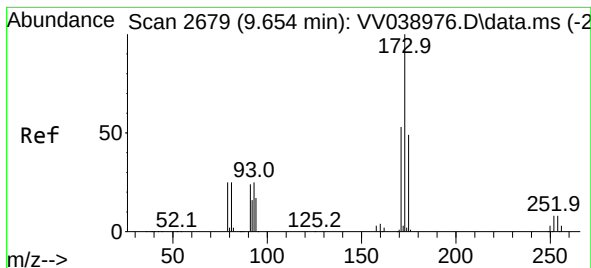
Tgt Ion:106 Resp: 37957
Ion Ratio Lower Upper
106 100
91 206.2 108.0 324.0



#70
Styrene
Concen: 4.074 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.009 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:104 Resp: 60420
Ion Ratio Lower Upper
104 100
78 53.3 39.8 59.8
103 56.0 43.5 65.3





#71

Bromoform

Concen: 5.044 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

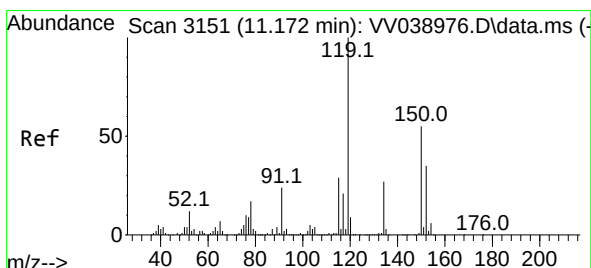
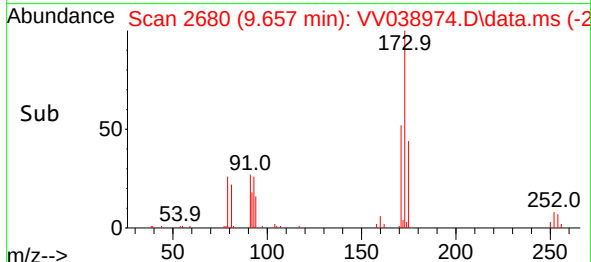
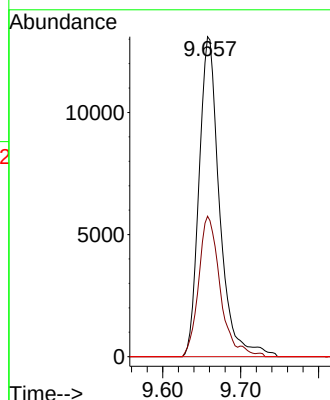
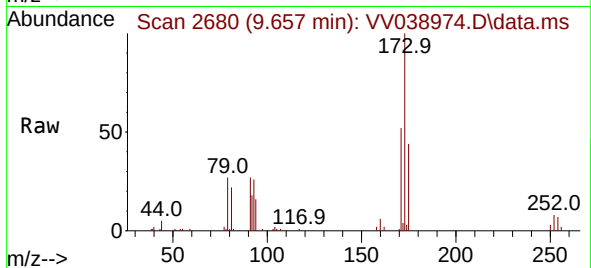
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173 Resp: 23906

Ion	Ratio	Lower	Upper
173	100		
175	46.1	24.6	73.6
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

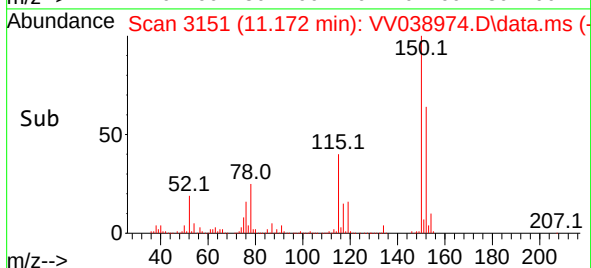
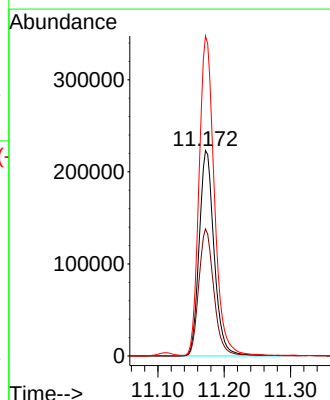
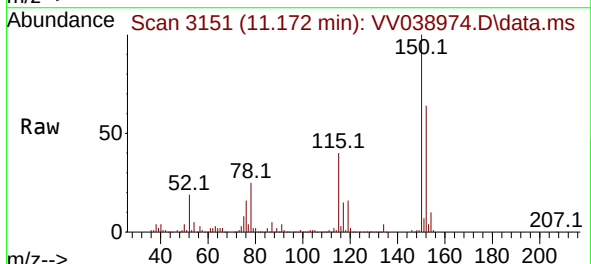
Delta R.T. -0.000 min

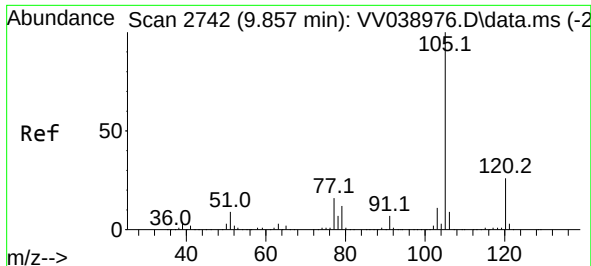
Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Tgt Ion:152 Resp: 349115

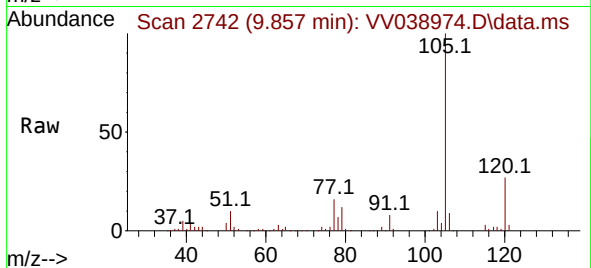
Ion	Ratio	Lower	Upper
152	100		
115	62.8	42.5	127.5
150	157.8	0.0	344.8



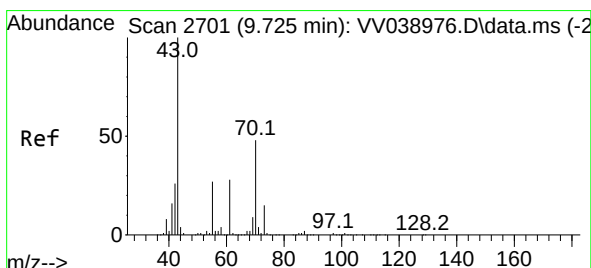
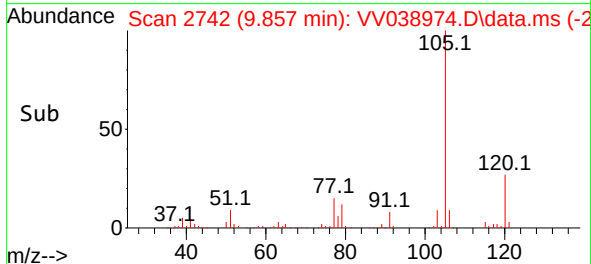
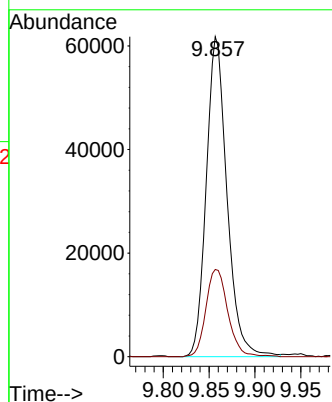


#73
Isopropylbenzene
Concen: 4.142 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Instrument :
MSVOA_V
ClientSampleId :

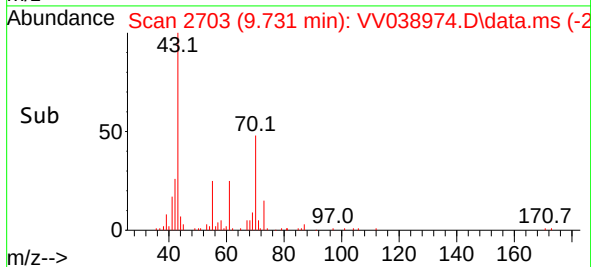
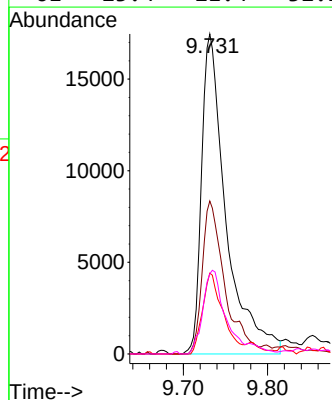
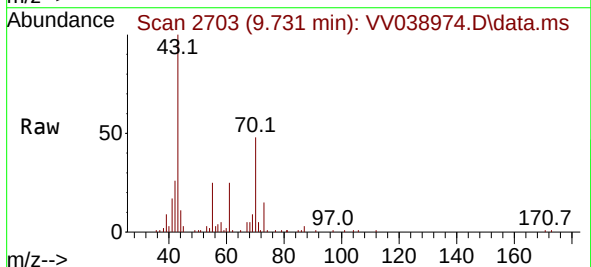


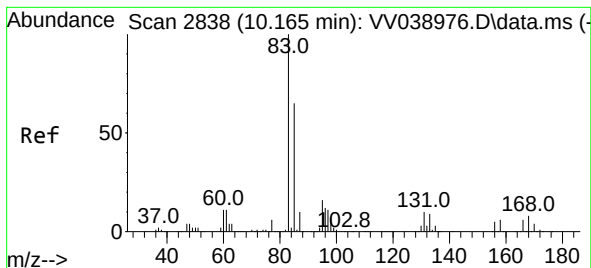
Tgt Ion:105 Resp: 97042
Ion Ratio Lower Upper
105 100
120 28.7 13.1 39.1



#74
N-ethyl acetate
Concen: 4.145 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 43 Resp: 35268
Ion Ratio Lower Upper
43 100
70 43.7 38.3 57.5
55 21.1 21.6 32.4#
61 23.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.966 ug/l

RT: 10.169 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

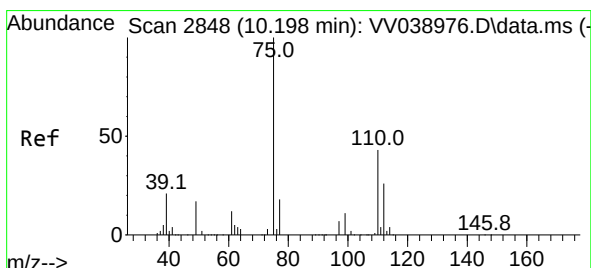
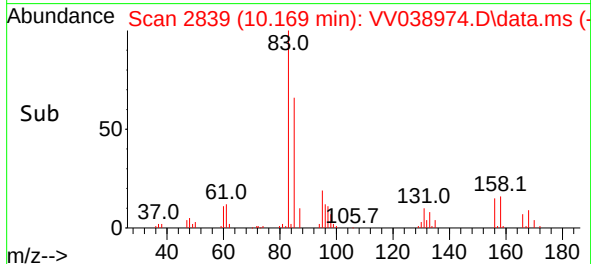
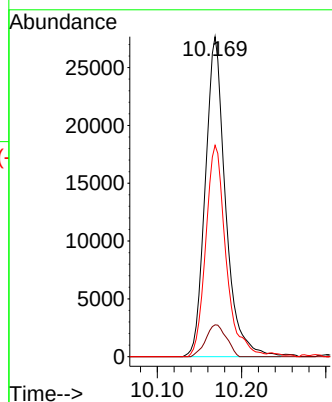
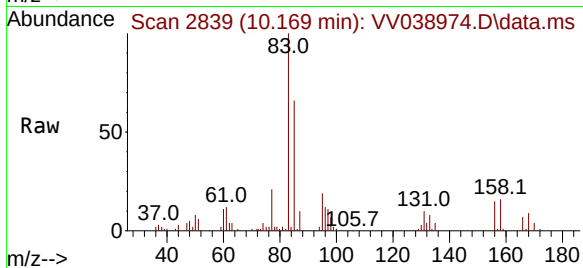
Tgt Ion: 83 Resp: 46204

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

85 66.0 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 4.937 ug/l

RT: 10.201 min Scan# 2849

Delta R.T. 0.003 min

Lab File: VV038974.D

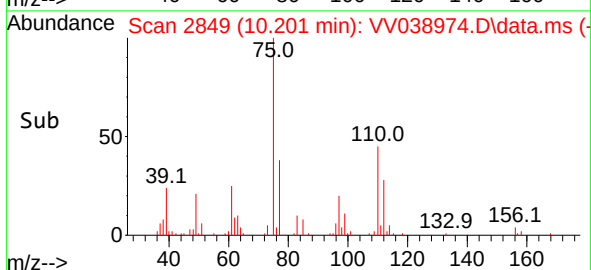
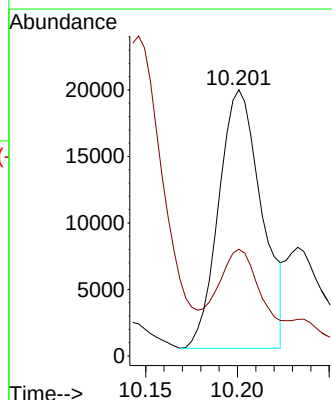
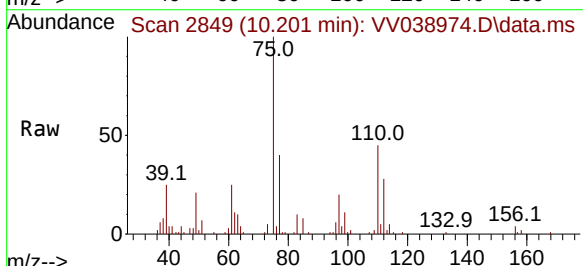
Acq: 21 Aug 2025 09:48

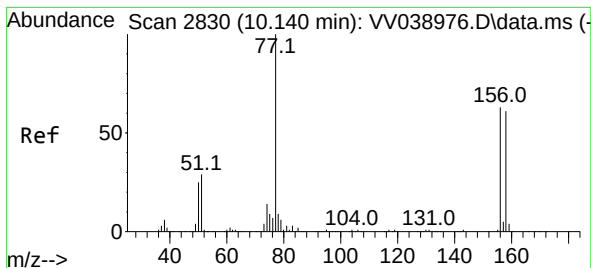
Tgt Ion: 75 Resp: 31694

Ion Ratio Lower Upper

75 100

77 26.3 11.3 33.8





#77

Bromobenzene

Concen: 4.775 ug/l

RT: 10.146 min Scan# 2832

Delta R.T. 0.006 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

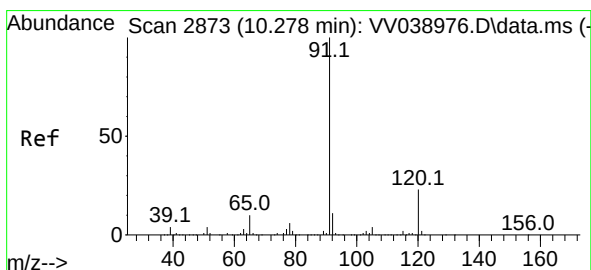
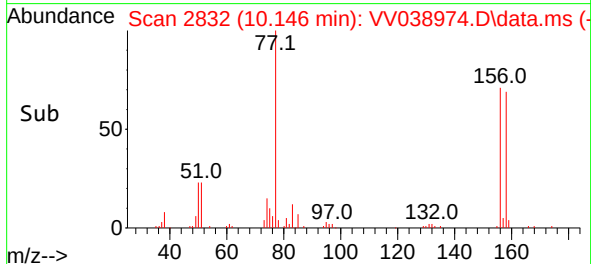
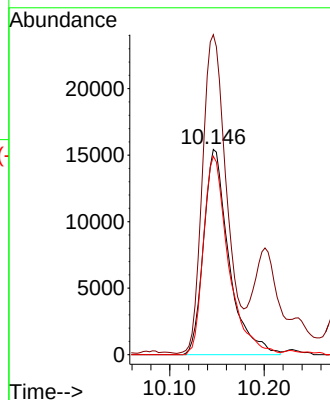
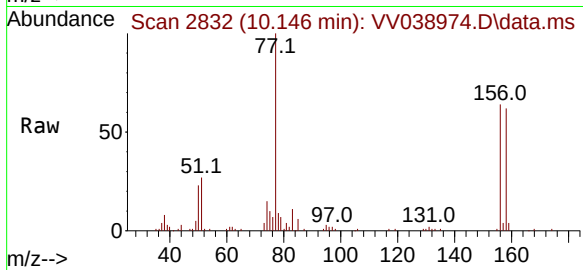
Tgt Ion:156 Resp: 28738

Ion Ratio Lower Upper

156 100

77 146.5 79.0 237.0

158 95.5 48.6 145.9



#78

n-propylbenzene

Concen: 4.216 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038974.D

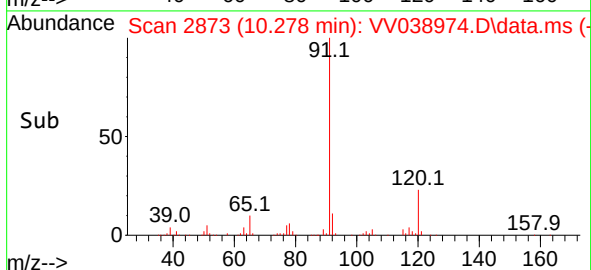
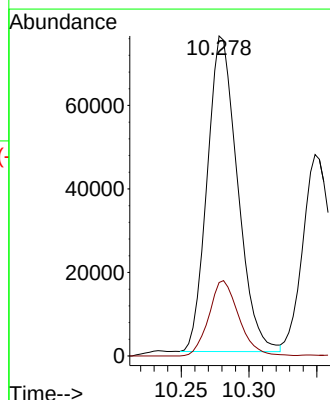
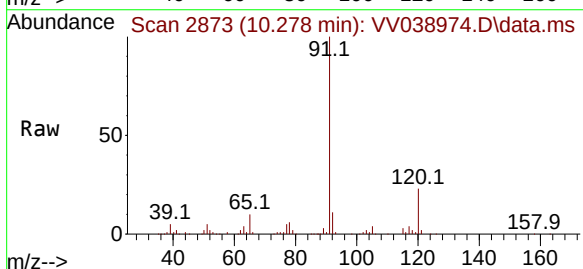
Acq: 21 Aug 2025 09:48

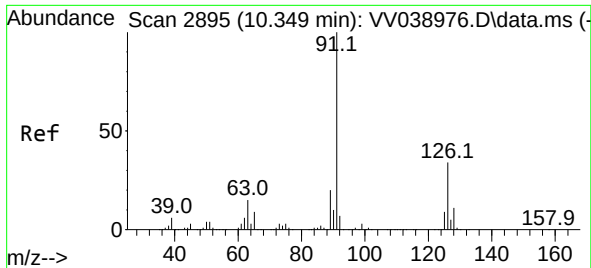
Tgt Ion: 91 Resp: 117925

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

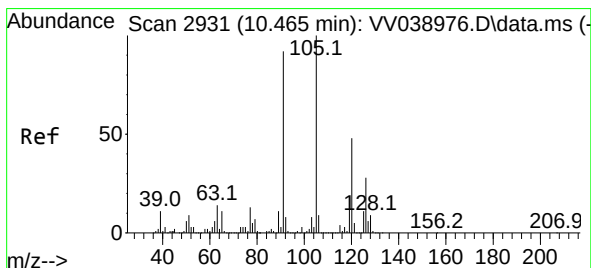
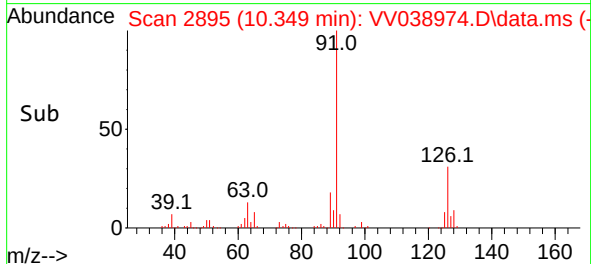
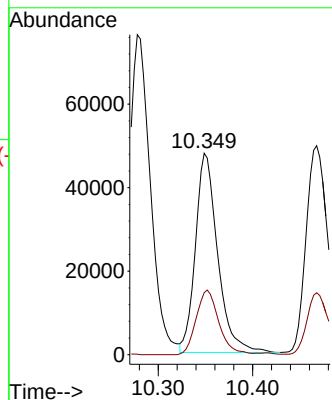
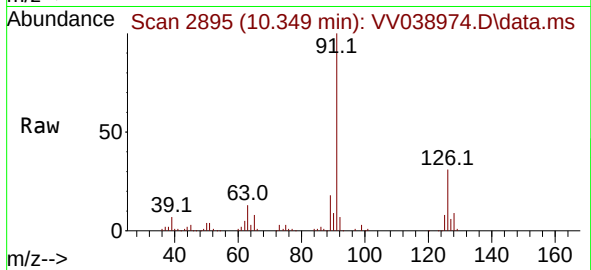




#79
2-Chlorotoluene
Concen: 4.533 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

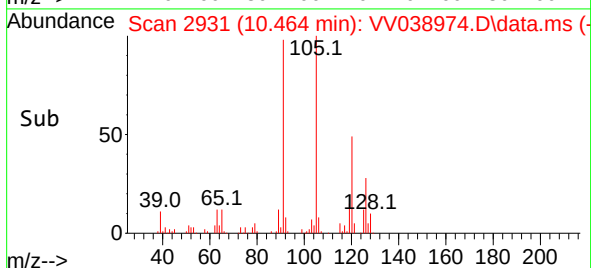
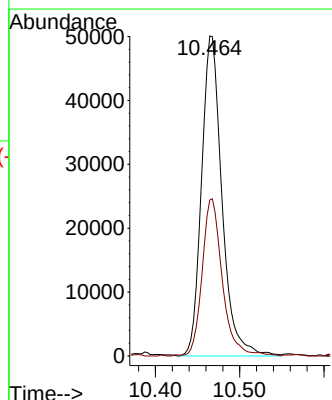
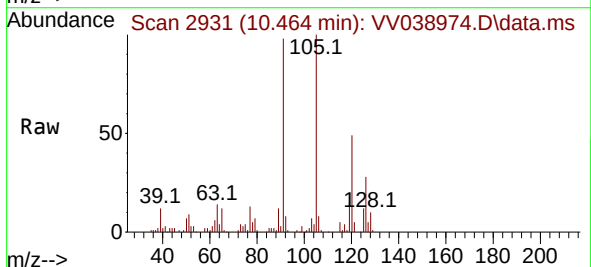
Instrument :
MSVOA_V
ClientSampleId :

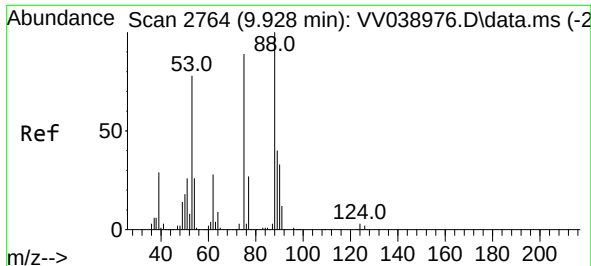
Tgt Ion: 91 Resp: 77822
Ion Ratio Lower Upper
91 100
126 33.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 4.297 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion: 105 Resp: 84706
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7



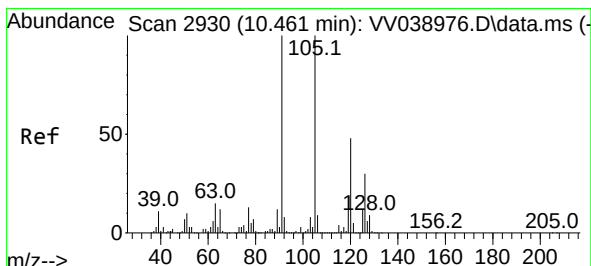
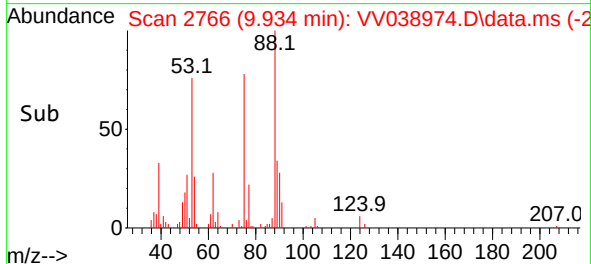
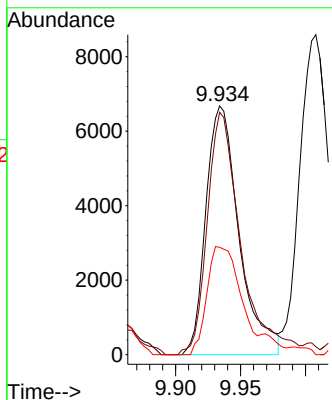
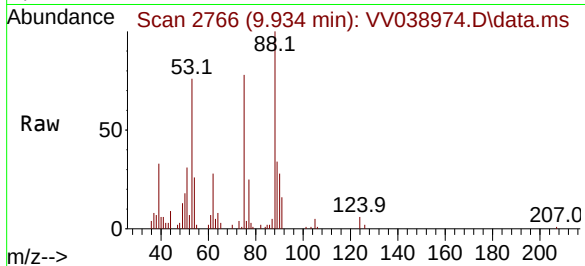


#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.202 ug/l
 RT: 9.934 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 11853

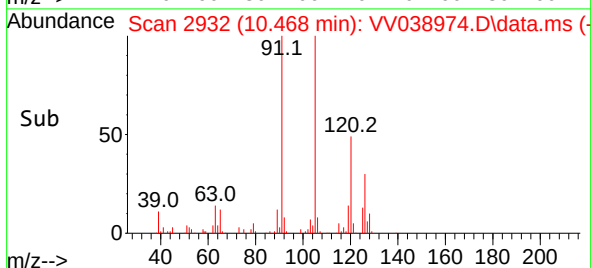
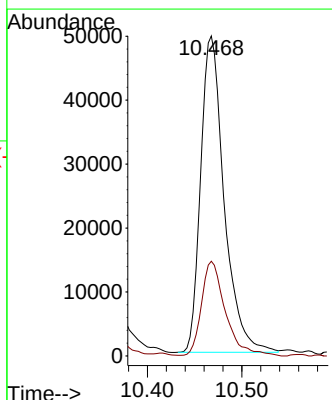
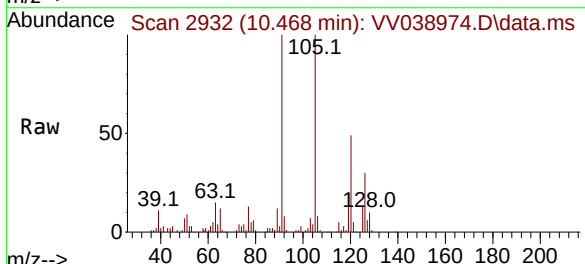
Ion	Ratio	Lower	Upper
75	100		
53	98.1	70.3	105.5
89	47.7	37.9	56.9

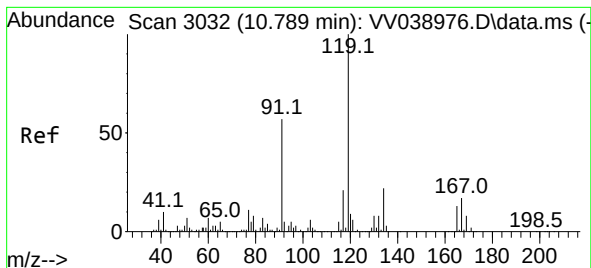


#82
 4-Chlorotoluene
 Concen: 4.408 ug/l
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.006 min
 Lab File: VV038974.D
 Acq: 21 Aug 2025 09:48

Tgt Ion: 91 Resp: 85322

Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.5





#83

tert-Butylbenzene

Concen: 4.624 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

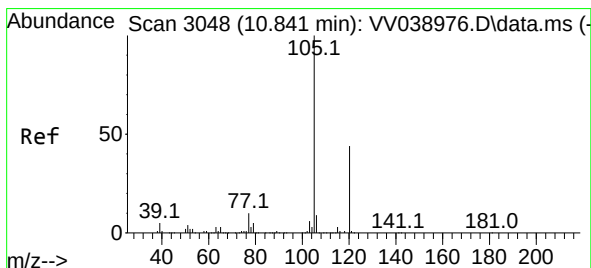
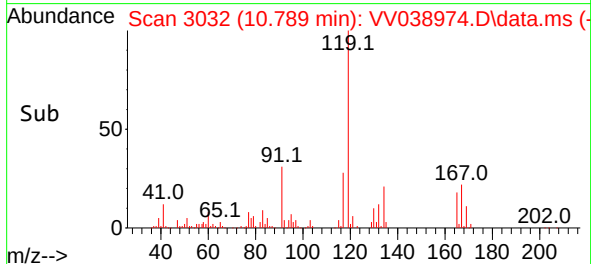
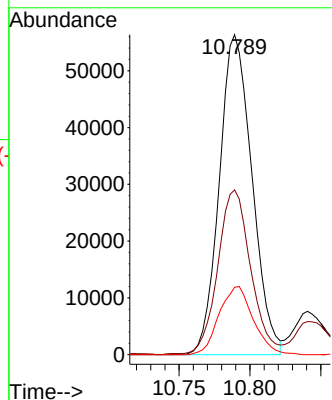
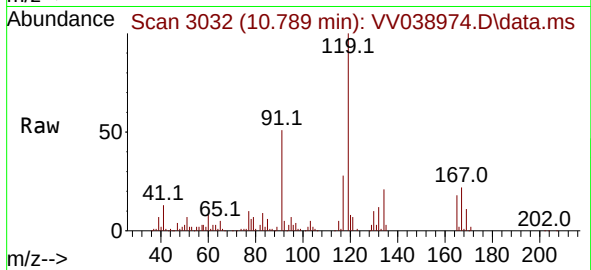
Tgt Ion:119 Resp: 90520

Ion Ratio Lower Upper

119 100

91 52.0 28.4 85.3

134 22.2 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 4.041 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV038974.D

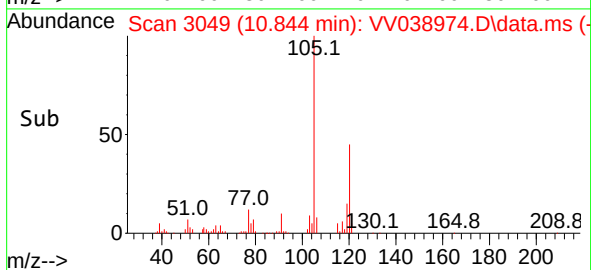
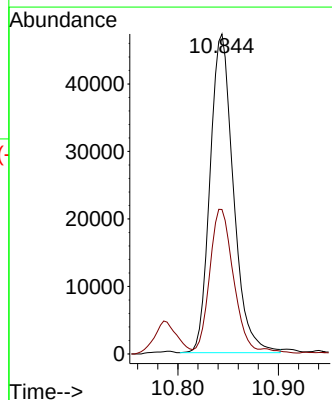
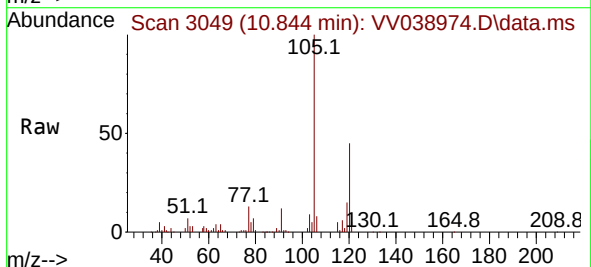
Acq: 21 Aug 2025 09:48

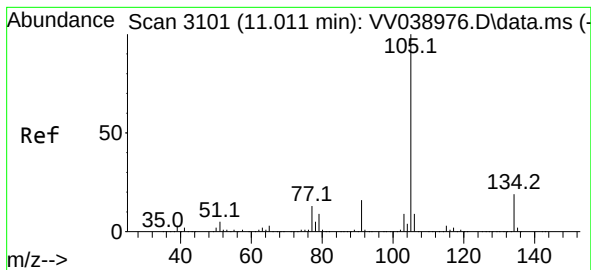
Tgt Ion:105 Resp: 76248

Ion Ratio Lower Upper

105 100

120 43.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 4.395 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

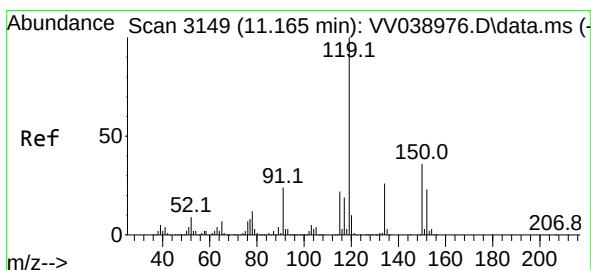
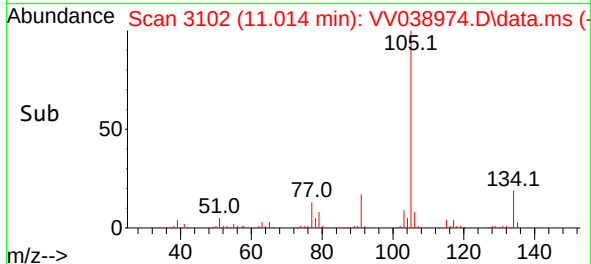
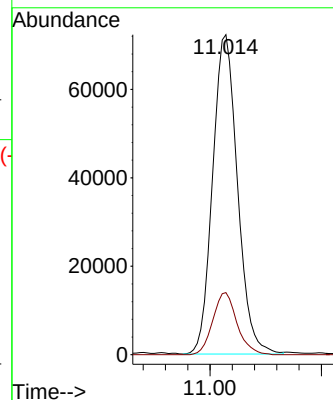
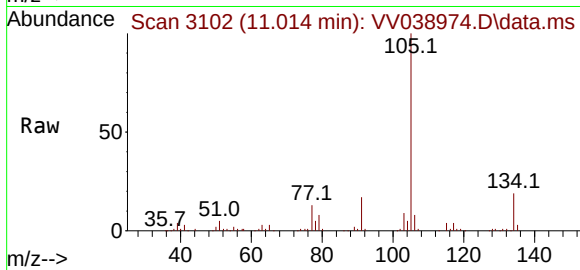
ClientSampleId :

Tgt Ion:105 Resp: 111895

Ion Ratio Lower Upper

105 100

134 19.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 4.333 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

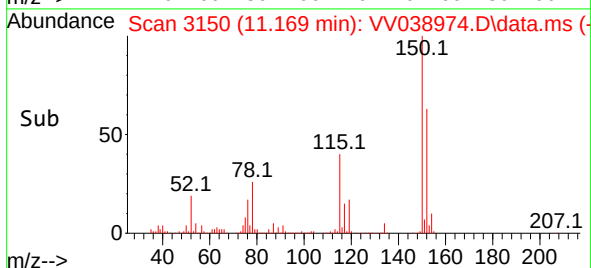
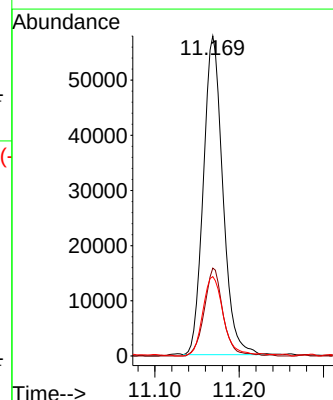
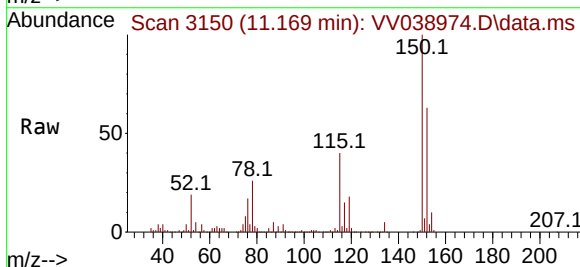
Tgt Ion:119 Resp: 92903

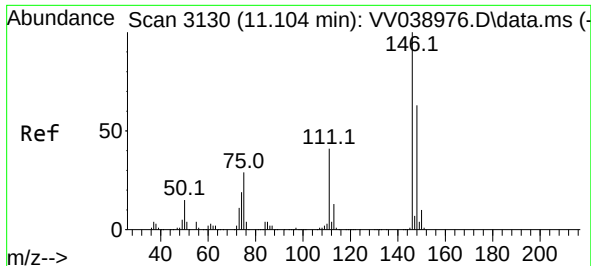
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 26.4 12.4 37.0

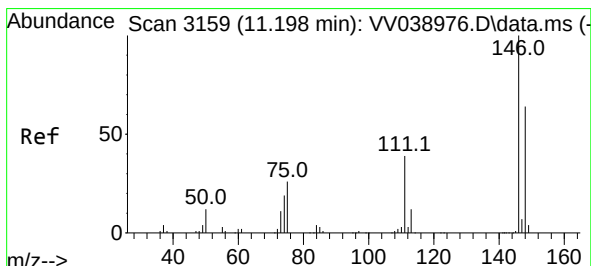
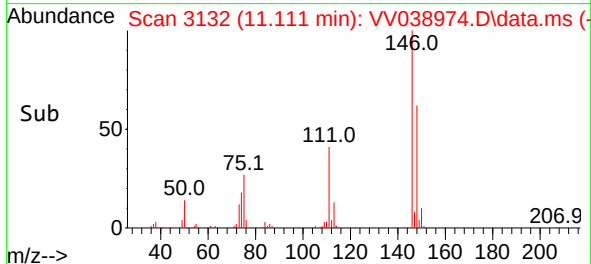
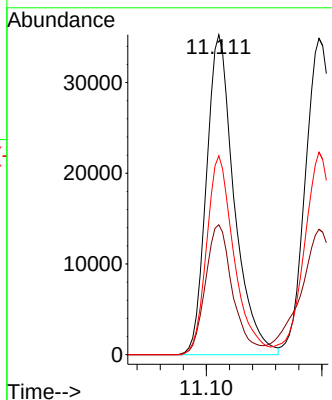
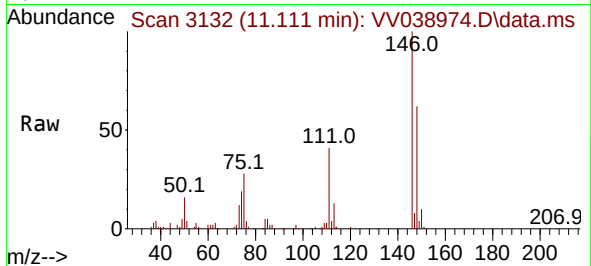




#87
1,3-Dichlorobenzene
Concen: 4.968 ug/l
RT: 11.111 min Scan# 3132
Delta R.T. 0.006 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

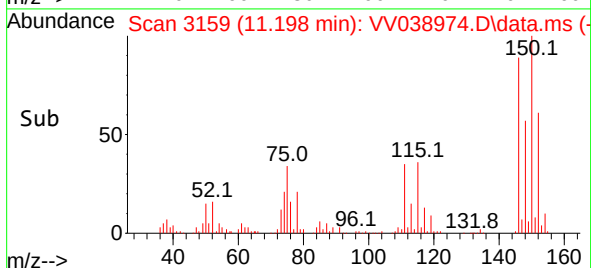
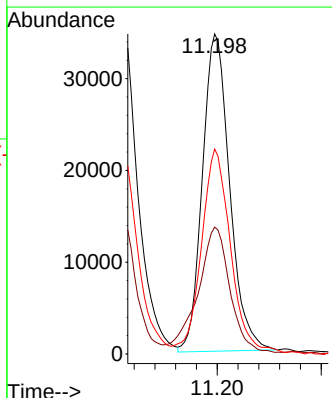
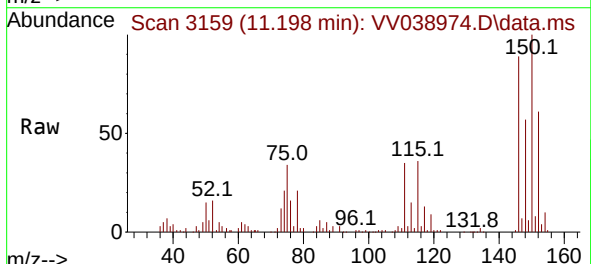
Instrument :
MSVOA_V
ClientSampleId :

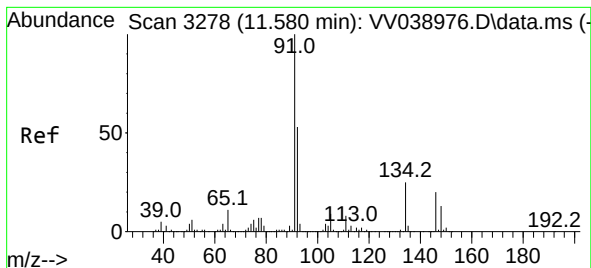
Tgt Ion:146 Resp: 59042
Ion Ratio Lower Upper
146 100
111 40.0 20.5 61.6
148 61.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 4.966 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038974.D
Acq: 21 Aug 2025 09:48

Tgt Ion:146 Resp: 62961
Ion Ratio Lower Upper
146 100
111 46.8 20.0 60.0
148 68.5 31.8 95.3





#89

n-Butylbenzene

Concen: 4.261 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

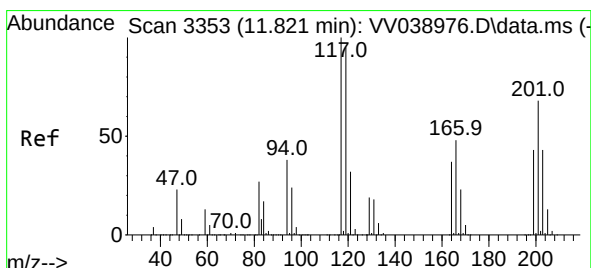
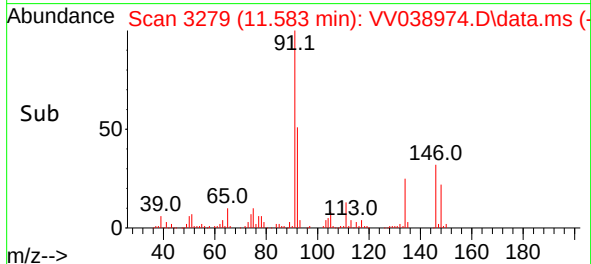
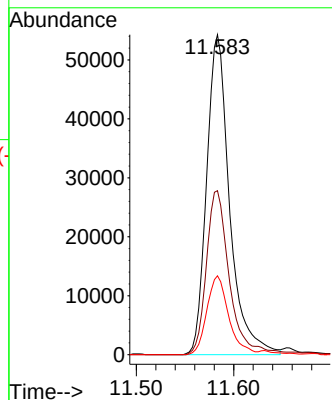
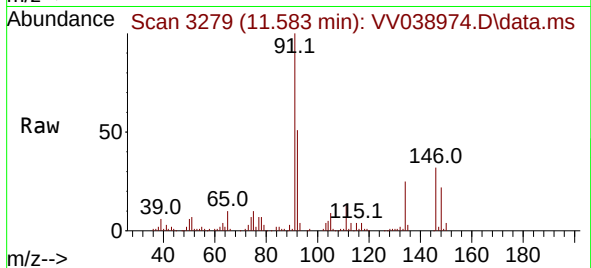
Tgt Ion: 91 Resp: 89015

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 5.120 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038974.D

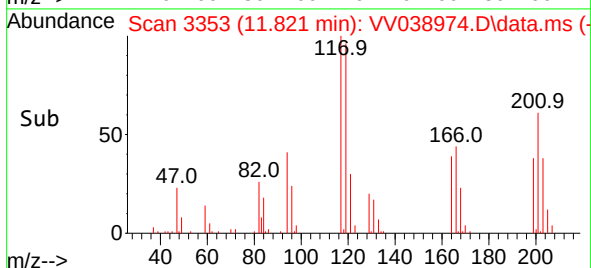
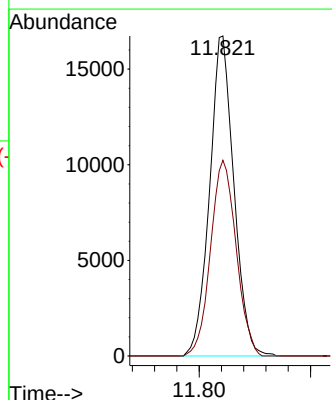
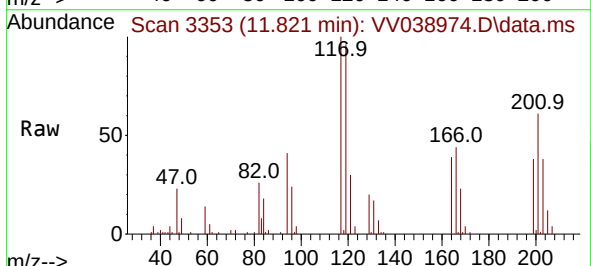
Acq: 21 Aug 2025 09:48

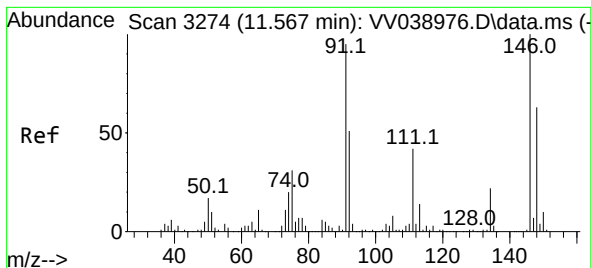
Tgt Ion: 117 Resp: 25371

Ion Ratio Lower Upper

117 100

201 64.4 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 4.804 ug/l

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

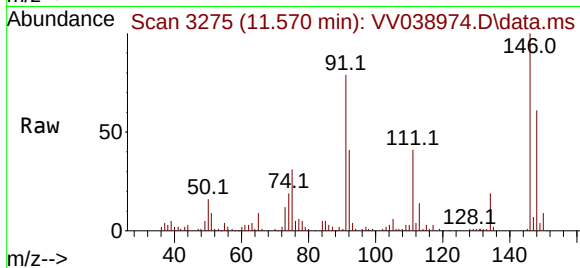
Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :



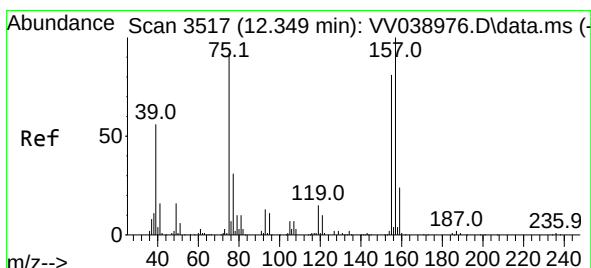
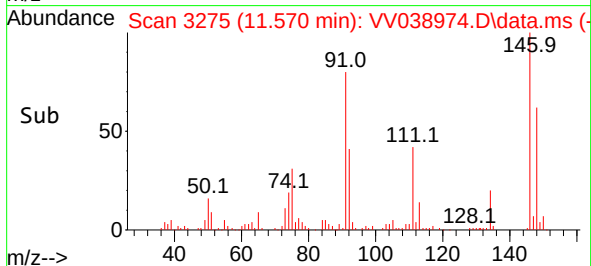
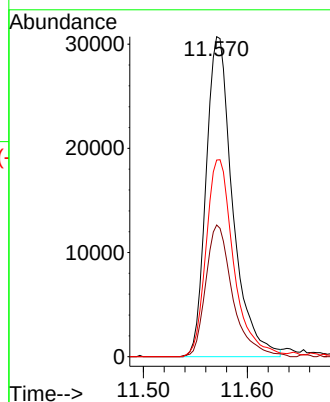
Tgt Ion:146 Resp: 54438

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.4

148 64.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.042 ug/l

RT: 12.355 min Scan# 3519

Delta R.T. 0.006 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

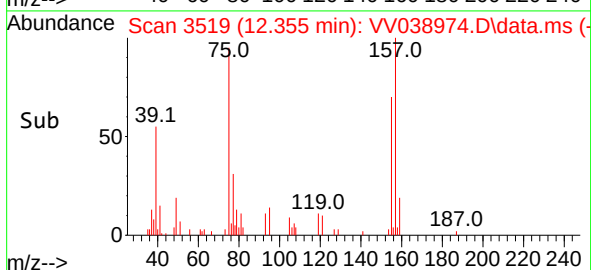
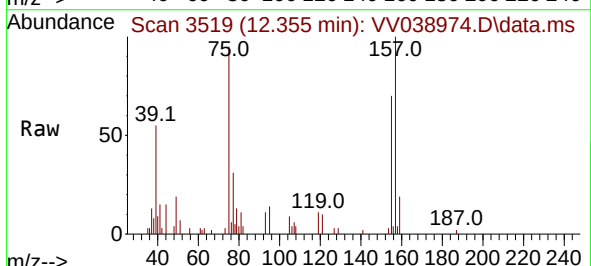
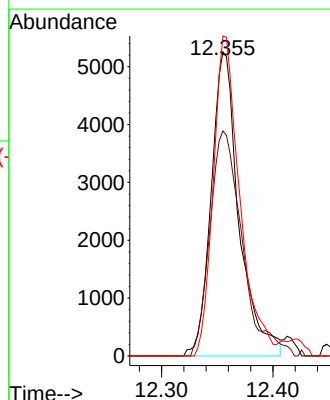
Tgt Ion: 75 Resp: 9123

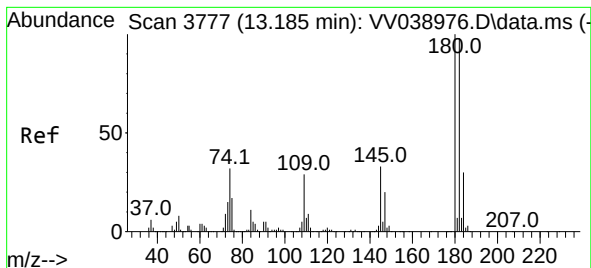
Ion Ratio Lower Upper

75 100

155 85.8 43.7 131.1

157 100.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.466 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038974.D

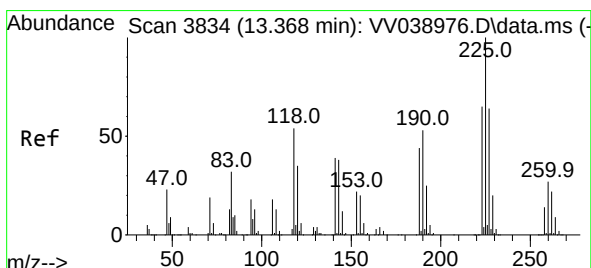
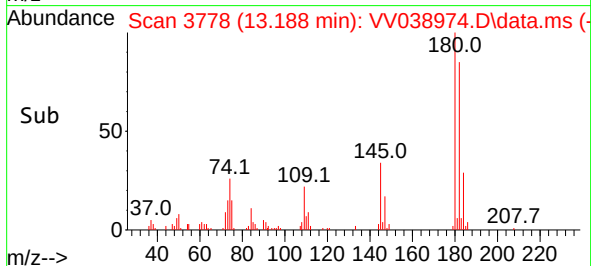
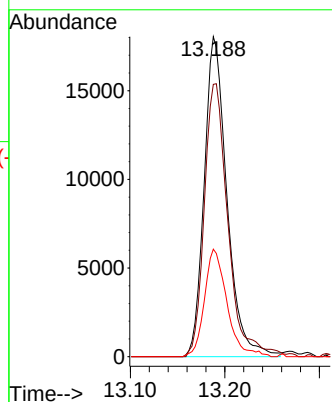
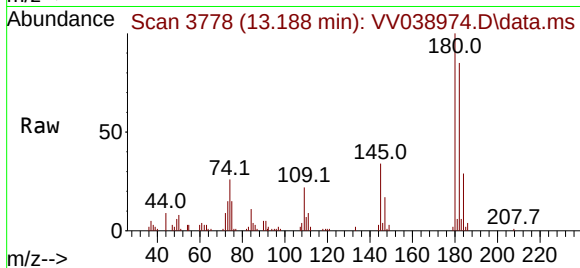
Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	30205
Ion Ratio	Lower	Upper
180	100	
182	88.6	47.3 142.0
145	33.2	16.3 48.8



#94

Hexachlorobutadiene

Concen: 4.774 ug/l

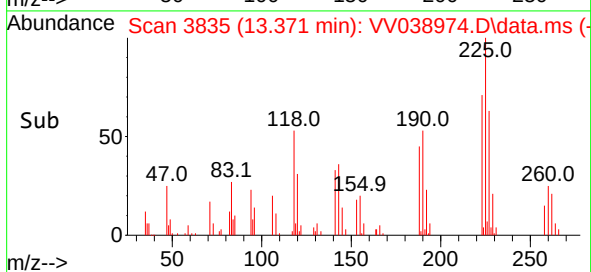
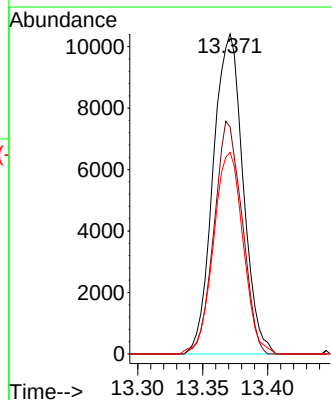
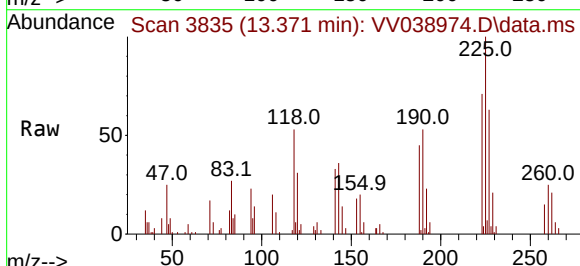
RT: 13.371 min Scan# 3835

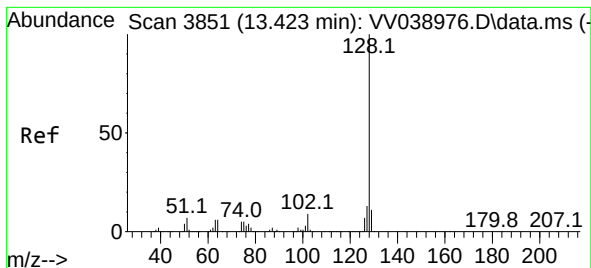
Delta R.T. 0.003 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Tgt Ion:225	Resp:	16645
Ion Ratio	Lower	Upper
225	100	
223	68.0	31.9 95.7
227	62.6	30.8 92.3





#95

Naphthalene

Concen: 3.938 ug/l

RT: 13.429 min Scan# 3853

Delta R.T. 0.006 min

Lab File: VV038974.D

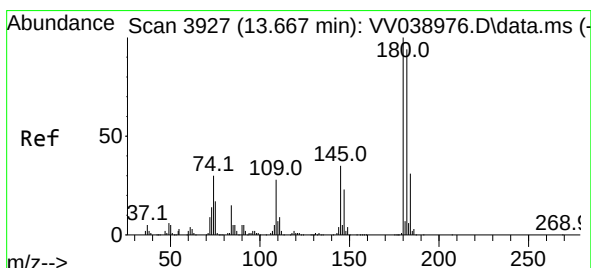
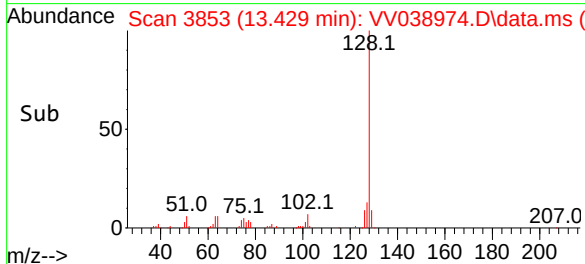
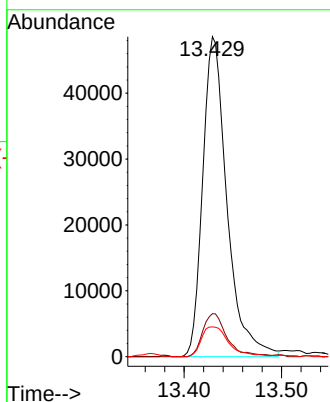
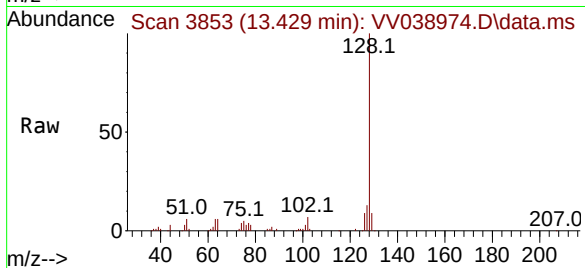
Acq: 21 Aug 2025 09:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	84039
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	10.5	8.5	12.7



#96

1,2,3-Trichlorobenzene

Concen: 4.337 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038974.D

Acq: 21 Aug 2025 09:48

Tgt Ion:	180	Resp:	29578
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.0	141.0
145	34.6	17.3	52.0

