

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039326.D
 Acq On : 04 Nov 2025 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 00:42:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	620807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	929988	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	910377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	535660	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	425310	48.214	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.420%
35) Dibromofluoromethane	4.500	113	374231	51.071	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.140%
50) Toluene-d8	7.233	98	1358331	54.490	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	108.980%
62) 4-Bromofluorobenzene	9.998	95	493409	55.577	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	111.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	320226	40.811	ug/l	99
3) Chloromethane	1.230	50	337627	41.329	ug/l	100
4) Vinyl Chloride	1.297	62	386998	41.524	ug/l	94
5) Bromomethane	1.497	94	175252	28.982	ug/l	97
6) Chloroethane	1.561	64	263725	51.315	ug/l	98
7) Trichlorofluoromethane	1.725	101	615961	43.263	ug/l	98
8) Diethyl Ether	1.918	74	221388	43.029	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	375262	44.017	ug/l	99
10) Methyl Iodide	2.198	142	254296	34.621	ug/l	98
11) Tert butyl alcohol	2.564	59	315409	184.499	ug/l	100
12) 1,1-Dichloroethene	2.082	96	352297	42.086	ug/l	99
13) Acrolein	2.008	56	147262	146.085	ug/l	99
14) Allyl chloride	2.359	41	564223	42.520	ug/l	99
15) Acrylonitrile	2.674	53	1049847	207.081	ug/l	100
16) Acetone	2.117	43	910169	220.843	ug/l	100
17) Carbon Disulfide	2.252	76	1023610	43.293	ug/l	99
18) Methyl Acetate	2.378	43	448255	39.215	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1126703	44.719	ug/l	100
20) Methylene Chloride	2.458	84	406878	52.063	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	383121	43.469	ug/l	99
22) Diisopropyl ether	3.214	45	1131094	47.476	ug/l	88
23) Vinyl Acetate	3.188	43	4924977	235.471	ug/l	100
24) 1,1-Dichloroethane	3.117	63	686326	43.000	ug/l	99
25) 2-Butanone	3.863	43	1235509	229.021	ug/l	98
26) 2,2-Dichloropropane	3.812	77	544245	42.335	ug/l	98
27) cis-1,2-Dichloroethene	3.821	96	413908	46.903	ug/l	99
28) Bromochloromethane	4.146	49	247606	36.387	ug/l	100
29) Tetrahydrofuran	4.233	42	799846	231.885	ug/l	99
30) Chloroform	4.278	83	730847	44.901	ug/l	99
31) Cyclohexane	4.587	56	544822	46.865	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	636387	44.717	ug/l	98
36) 1,1-Dichloropropene	4.744	75	469464	51.009	ug/l	99
37) Ethyl Acetate	3.973	43	500836	46.483	ug/l	97
38) Carbon Tetrachloride	4.735	117	545851	48.681	ug/l	97
39) Methylcyclohexane	6.046	83	549639	52.254	ug/l	98
40) Benzene	5.008	78	1496612	50.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	217339	47.259	ug/l	97
42) 1,2-Dichloroethane	5.040	62	487872	47.070	ug/l	100
43) Isopropyl Acetate	5.191	43	719768	51.025	ug/l	100
44) Trichloroethene	5.831	130	367023	49.420	ug/l	99
45) 1,2-Dichloropropane	6.088	63	369823	51.462	ug/l	100
46) Dibromomethane	6.223	93	285277	47.493	ug/l	98
47) Bromodichloromethane	6.426	83	571923	48.323	ug/l	99
48) Methyl methacrylate	6.297	41	343217	52.519	ug/l	99
49) 1,4-Dioxane	6.288	88	105025	966.086	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	2539398	259.478	ug/l	99
52) Toluene	7.307	92	957278	53.684	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	538120	52.024	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	593862	51.641	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	390360	48.481	ug/l	98
56) Ethyl methacrylate	7.715	69	512149	56.143	ug/l	99
57) 1,3-Dichloropropane	7.934	76	621006	51.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	934700	172.060	ug/l	100
59) 2-Hexanone	8.062	43	1895759	263.858	ug/l	99
60) Dibromochloromethane	8.165	129	453811	48.204	ug/l	99
61) 1,2-Dibromoethane	8.271	107	424386	50.619	ug/l	98
64) Tetrachloroethene	7.895	164	341930	51.489	ug/l	98
65) Chlorobenzene	8.802	112	1051822	48.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	382514	47.384	ug/l	99
67) Ethyl Benzene	8.934	91	1731964	54.557	ug/l	98
68) m/p-Xylenes	9.059	106	1428090	113.421	ug/l	99
69) o-Xylene	9.468	106	625864	56.287	ug/l	98
70) Styrene	9.484	104	1190961	60.196	ug/l	99
71) Bromoform	9.654	173	315692	48.357	ug/l #	99
73) Isopropylbenzene	9.853	105	1726356	53.073	ug/l	99
74) N-amyl acetate	9.722	43	665207	49.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	624696	41.820	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	471564	44.108	ug/l	97
77) Bromobenzene	10.140	156	442236	49.456	ug/l	99
78) n-propylbenzene	10.275	91	2110200	53.465	ug/l	100
79) 2-Chlorotoluene	10.345	91	1268728	52.065	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1502249	55.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	187864	44.378	ug/l	98
82) 4-Chlorotoluene	10.461	91	1508975	53.875	ug/l	99
83) tert-Butylbenzene	10.789	119	1388375	51.253	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1490441	55.497	ug/l	99
85) sec-Butylbenzene	11.011	105	1815144	52.997	ug/l	100
86) p-Isopropyltoluene	11.165	119	1542595	52.383	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	879226	49.296	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	915557	45.868	ug/l	99
89) n-Butylbenzene	11.580	91	1434160	52.296	ug/l	100
90) Hexachloroethane	11.818	117	301440	41.397	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	824088	48.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	125658	40.911	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	477712	50.485	ug/l	100
94) Hexachlorobutadiene	13.368	225	194864	40.669	ug/l	100
95) Naphthalene	13.422	128	1624968	52.415	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	491637	49.990	ug/l	99

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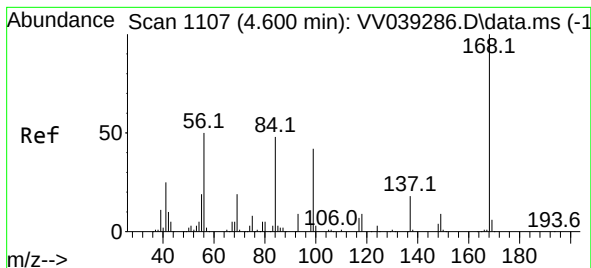
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

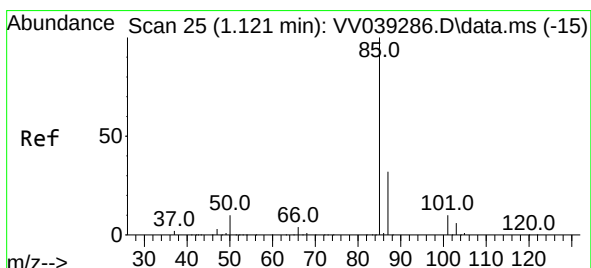
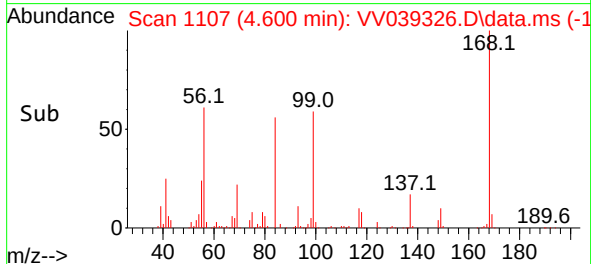
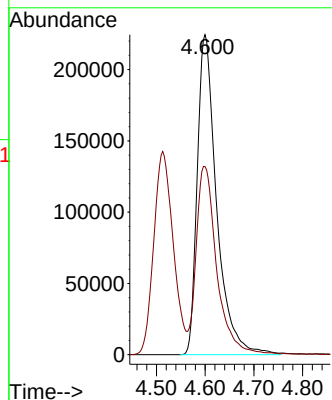
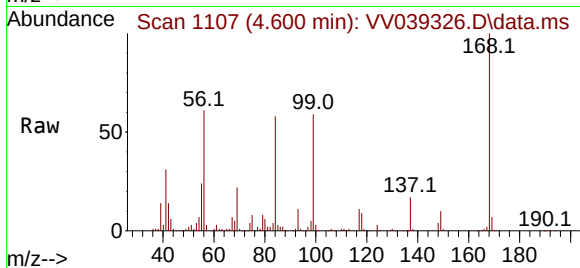
ClientSampleId :

Tgt Ion:168 Resp: 620807

Ion Ratio Lower Upper

168 100

99 58.5 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 40.811 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039326.D

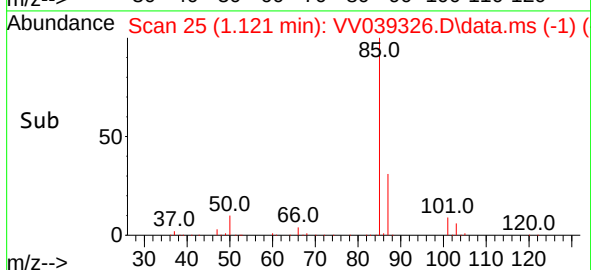
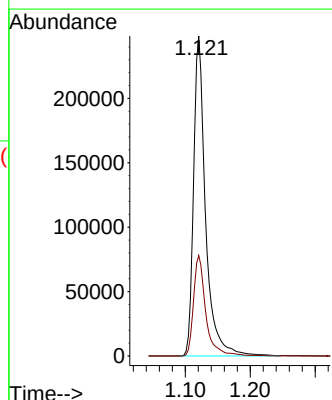
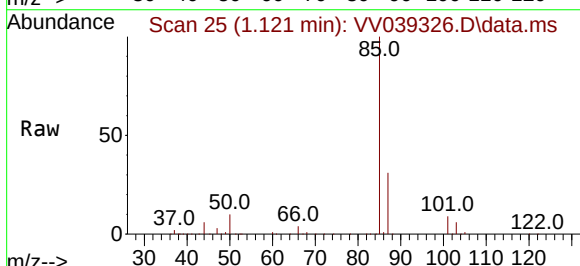
Acq: 04 Nov 2025 19:39

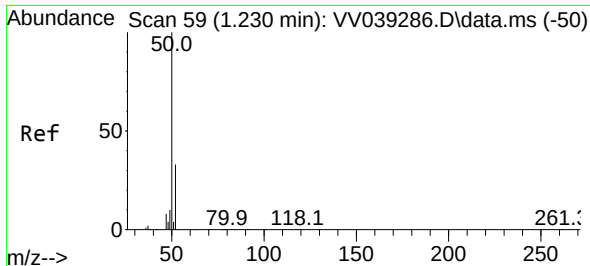
Tgt Ion: 85 Resp: 320226

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2

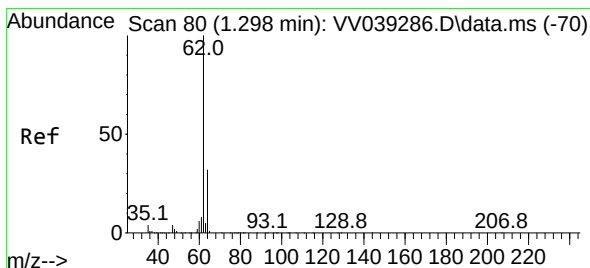
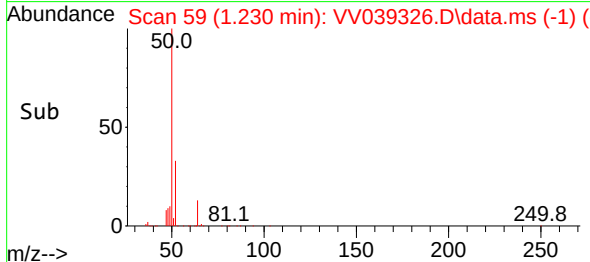
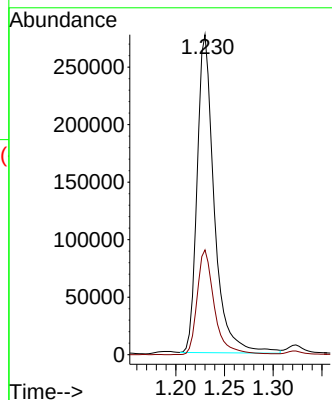
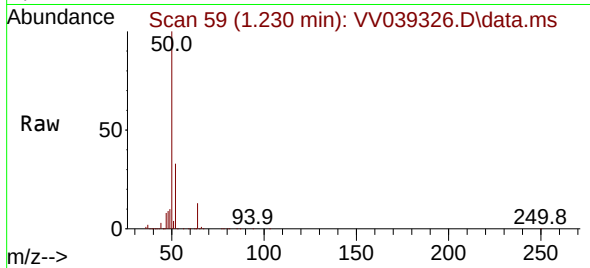




#3
Chloromethane
Concen: 41.329 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039326.D
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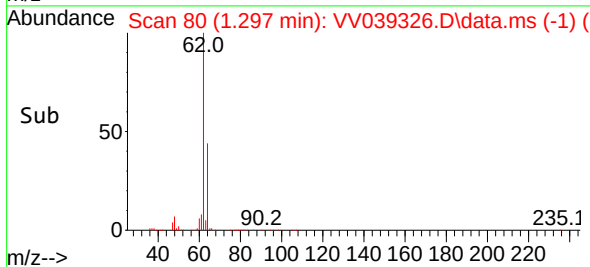
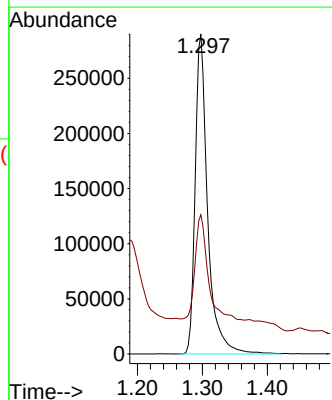
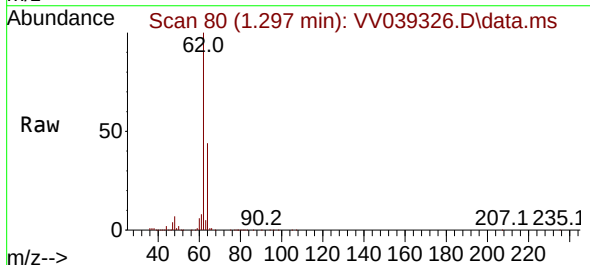
Instrument :
MSVOA_V
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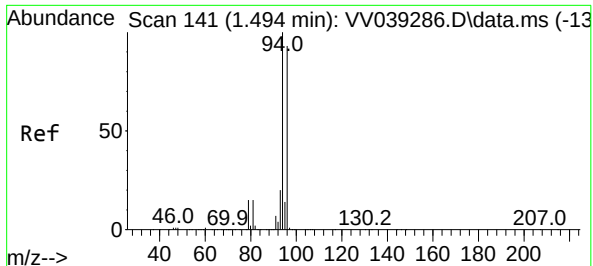
Tgt Ion: 50 Resp: 337627
Ion Ratio Lower Upper
50 100
52 32.9 26.6 39.8



#4
Vinyl Chloride
Concen: 41.524 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 62 Resp: 386998
Ion Ratio Lower Upper
62 100
64 35.4 25.8 38.6

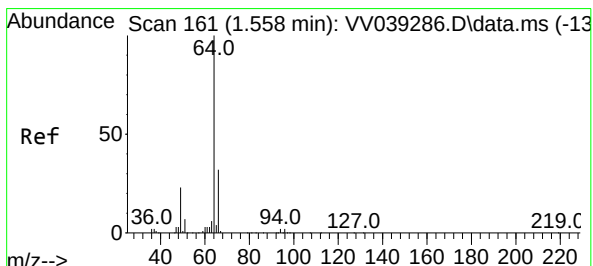
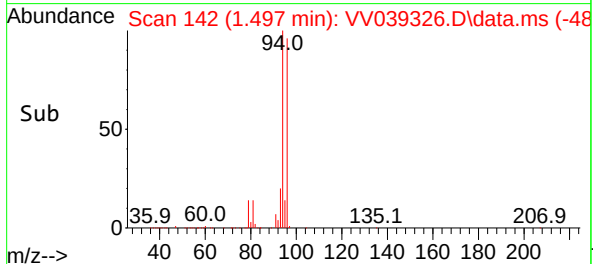
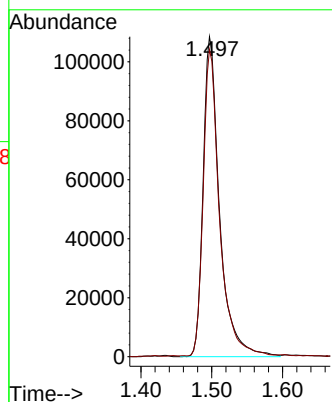
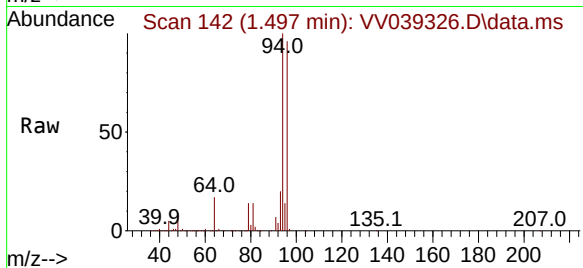




#5
Bromomethane
Concen: 28.982 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

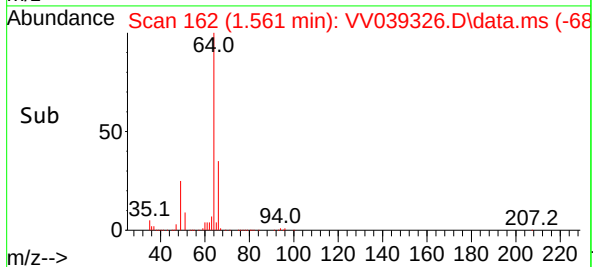
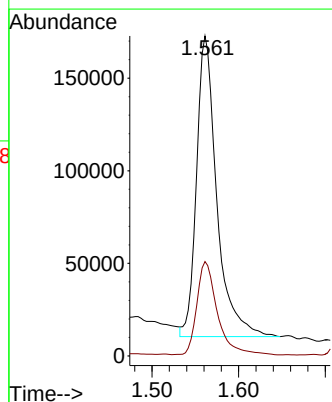
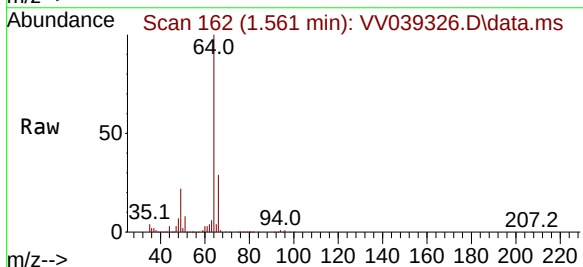
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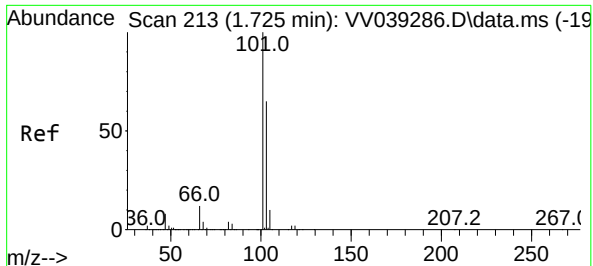
Tgt Ion: 94 Resp: 175252
Ion Ratio Lower Upper
94 100
96 95.8 74.2 111.2



#6
Chloroethane
Concen: 51.315 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 64 Resp: 263725
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

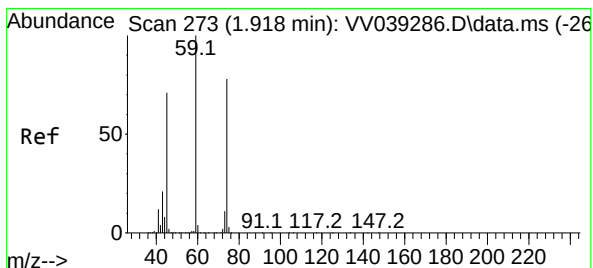
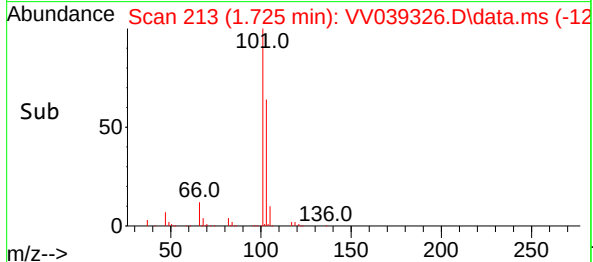
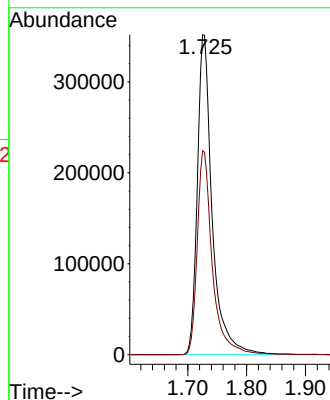
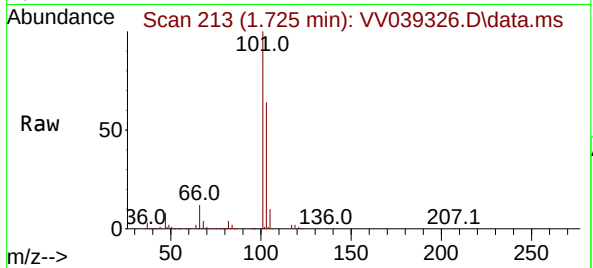




#7
 Trichlorofluoromethane
 Concen: 43.263 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039326.D
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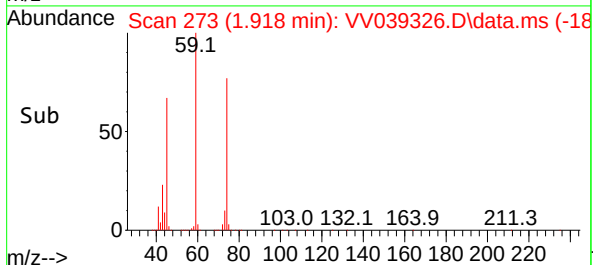
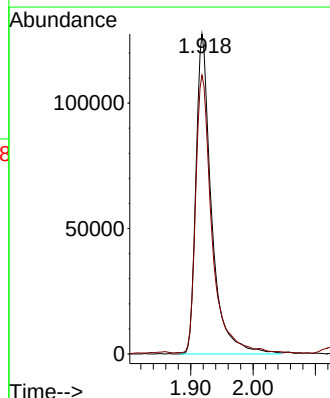
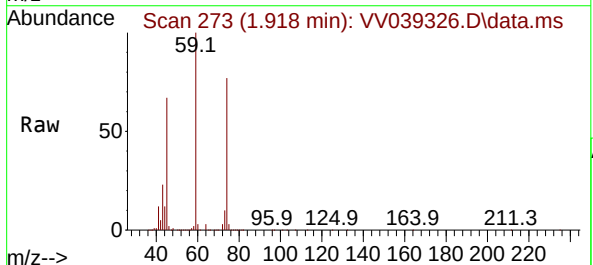
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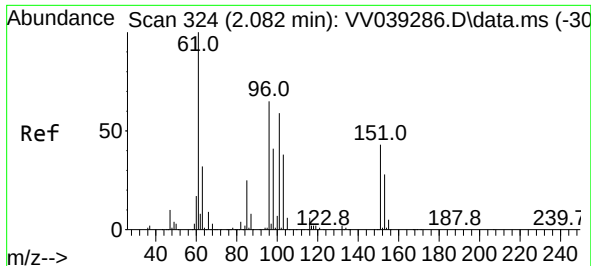
Tgt Ion:101 Resp: 615961
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.0 78.0



#8
 Diethyl Ether
 Concen: 43.029 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV039326.D
 Acq: 04 Nov 2025 19:39

Tgt Ion: 74 Resp: 221388
 Ion Ratio Lower Upper
 74 100
 45 89.2 45.9 137.7

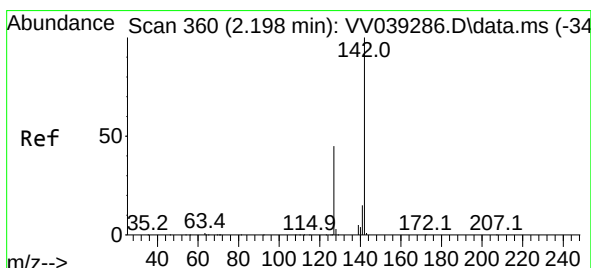
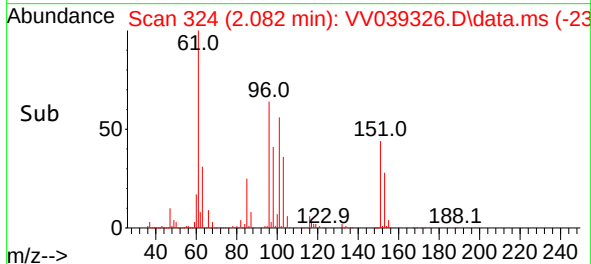
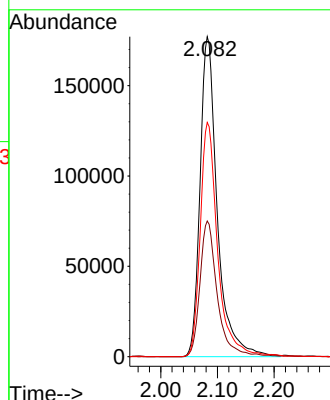
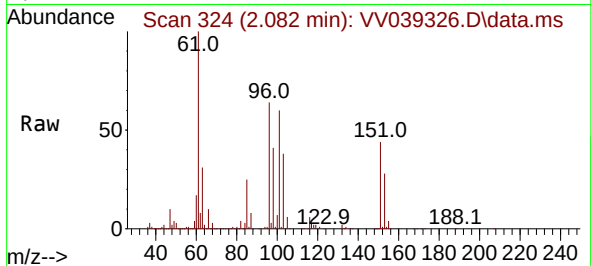




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.017 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
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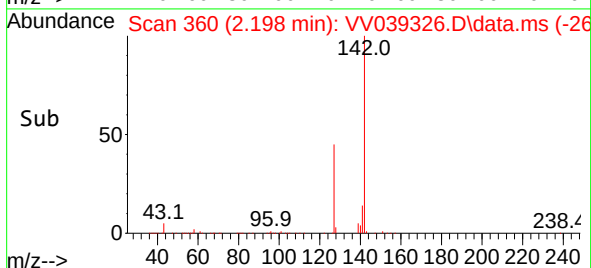
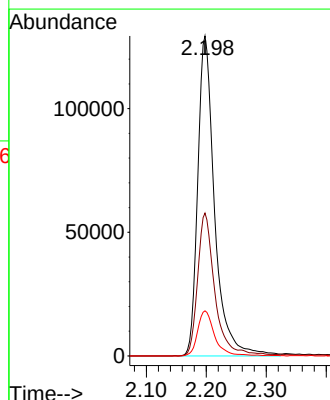
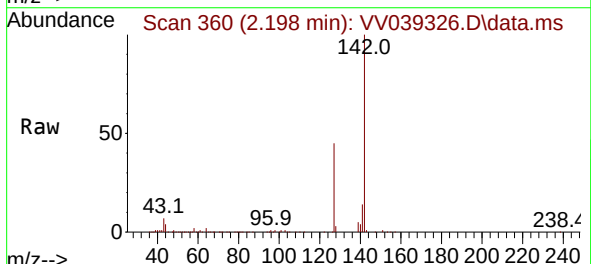
Instrument :
MSVOA_V
ClientSampleId :

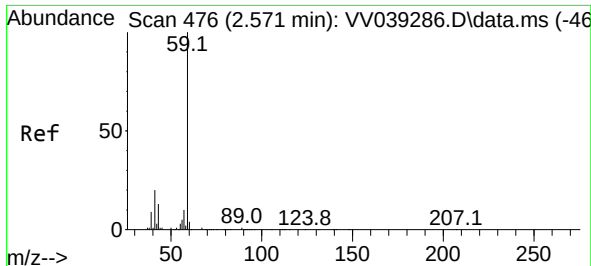
Tgt Ion:101 Resp: 375262
Ion Ratio Lower Upper
101 100
85 42.1 34.0 51.0
151 74.1 58.5 87.7



#10
Methyl Iodide
Concen: 34.621 ug/l
RT: 2.198 min Scan# 360
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:142 Resp: 254296
Ion Ratio Lower Upper
142 100
127 45.7 35.5 53.3
141 14.1 11.5 17.3

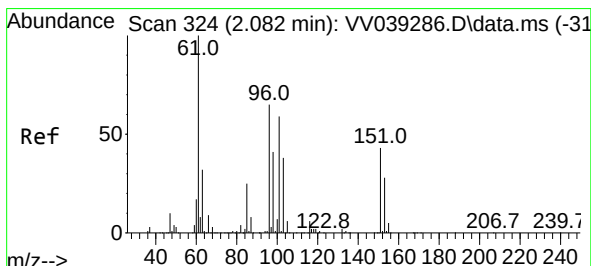
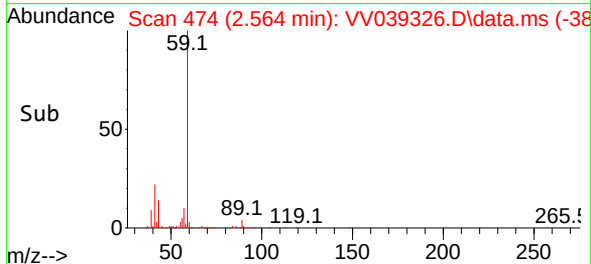
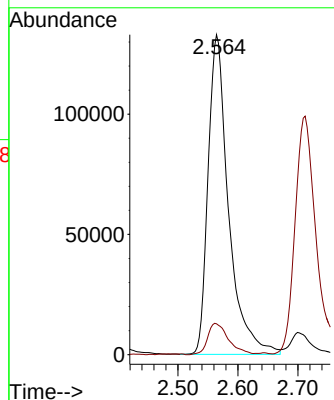
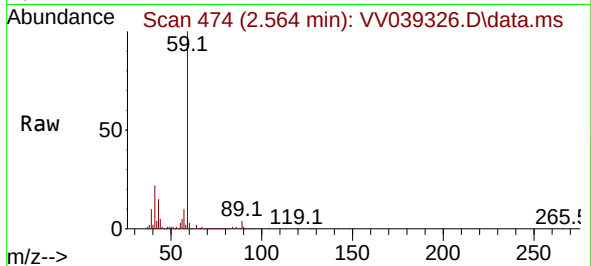




#11
Tert butyl alcohol
Concen: 184.499 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

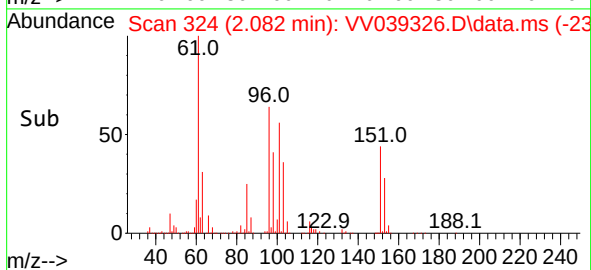
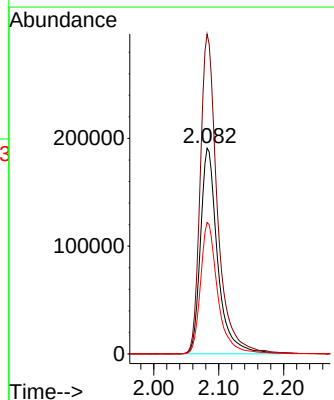
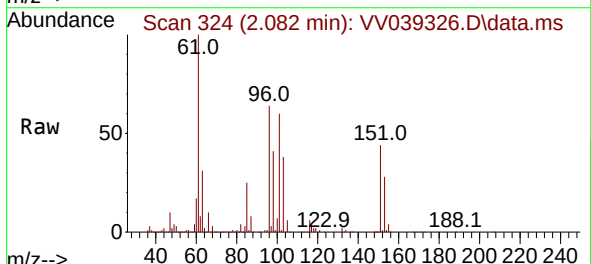
Instrument :
MSVOA_V
ClientSampleId :

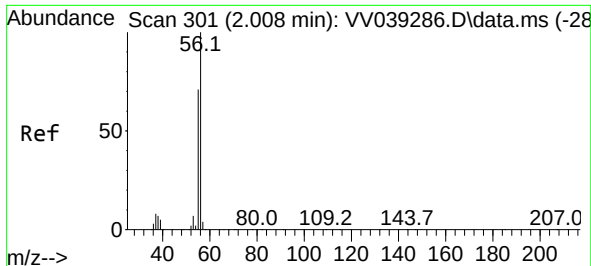
Tgt Ion: 59 Resp: 315409
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.086 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 96 Resp: 352297
Ion Ratio Lower Upper
96 100
61 155.6 123.6 185.4
98 63.9 51.1 76.7

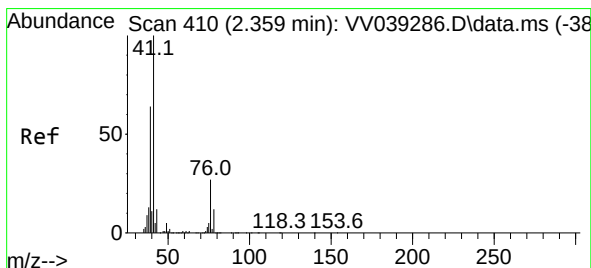
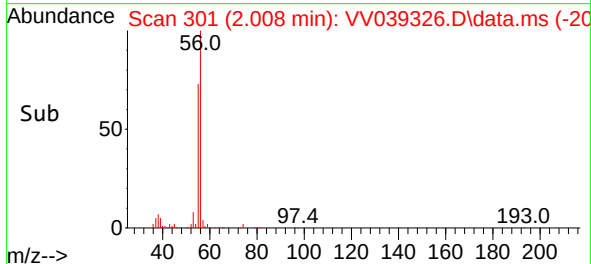
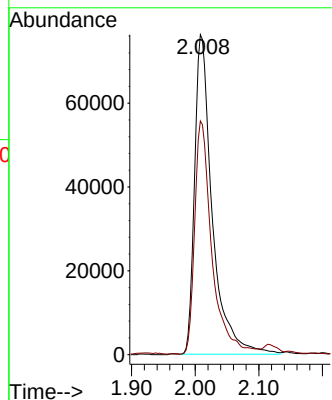
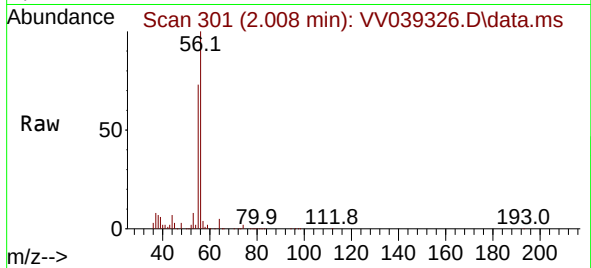




#13
Acrolein
Concen: 146.085 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

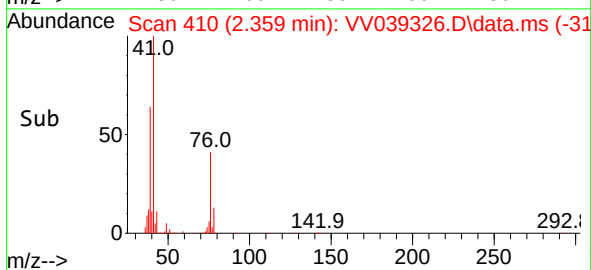
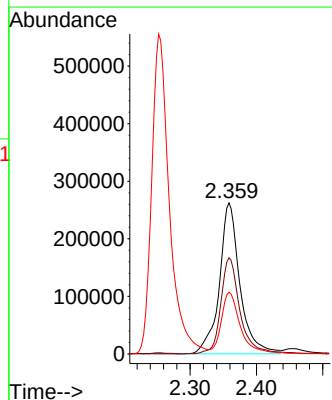
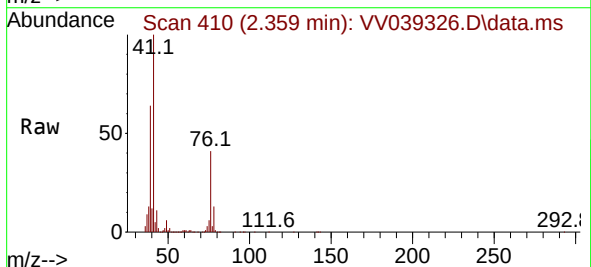
Instrument :
MSVOA_V
ClientSampleId :

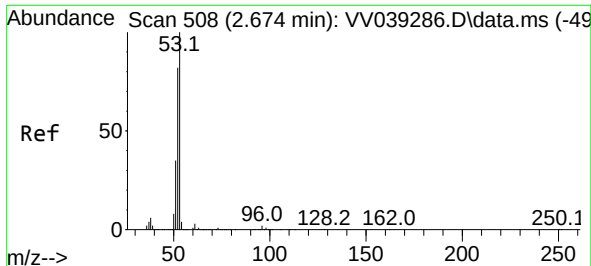
Tgt Ion: 56 Resp: 147262
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4



#14
Allyl chloride
Concen: 42.520 ug/l
RT: 2.359 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

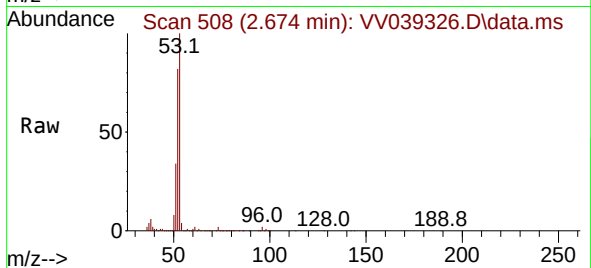
Tgt Ion: 41 Resp: 564223
Ion Ratio Lower Upper
41 100
39 59.2 47.8 71.6
76 37.5 30.2 45.2





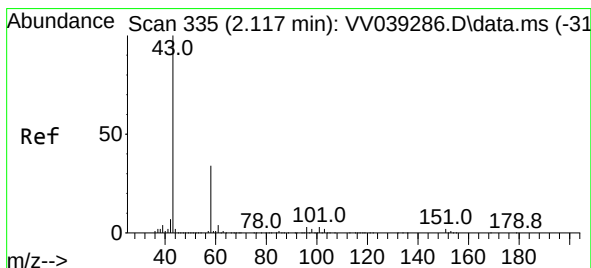
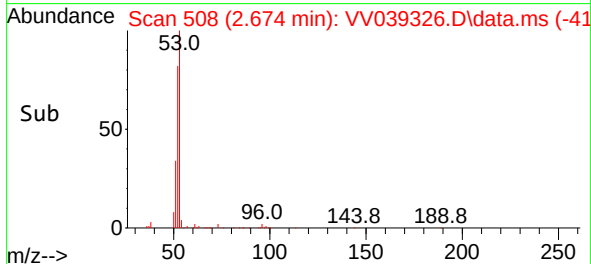
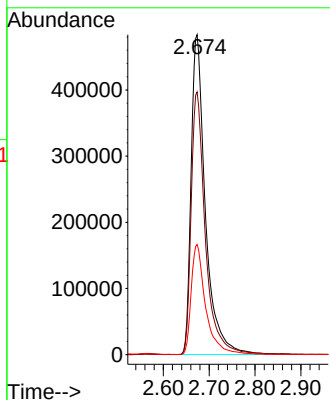
#15
Acrylonitrile
Concen: 207.081 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 1049847

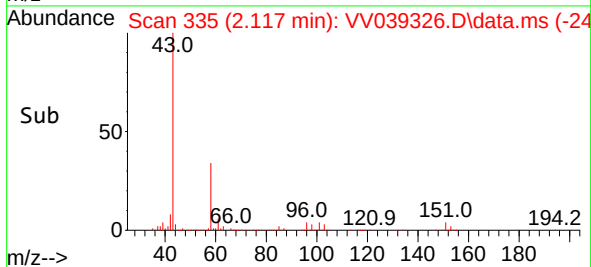
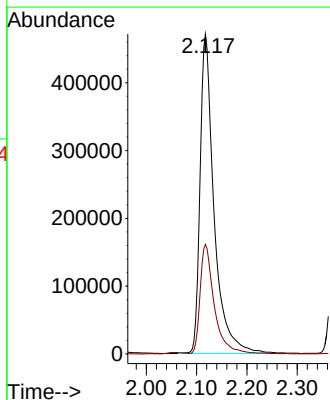
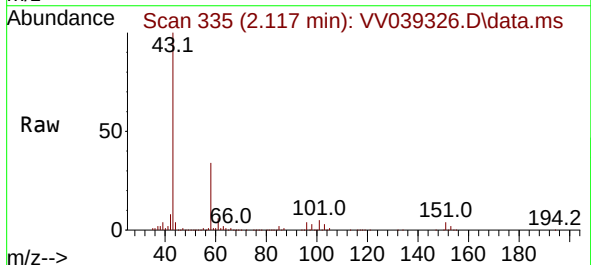
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	34.9	27.9	41.9

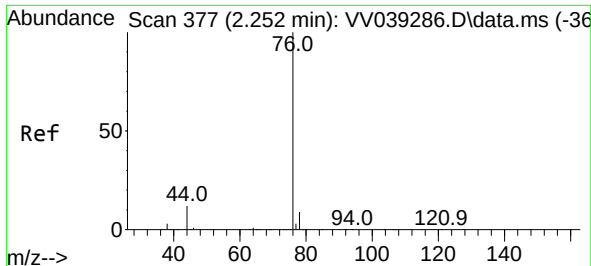


#16
Acetone
Concen: 220.843 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 43 Resp: 910169

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.5	41.3

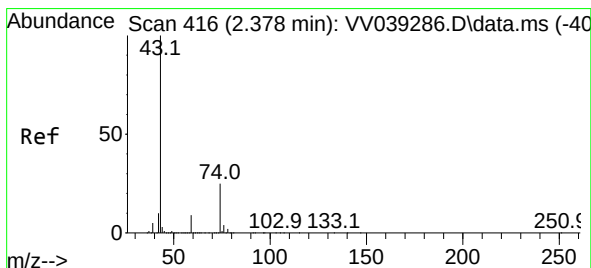
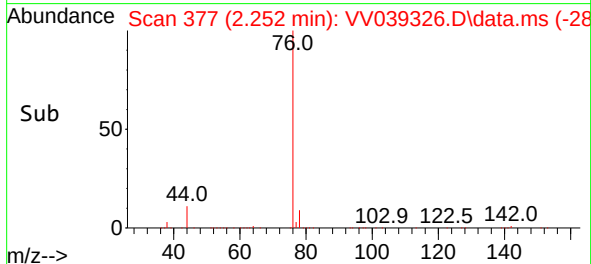
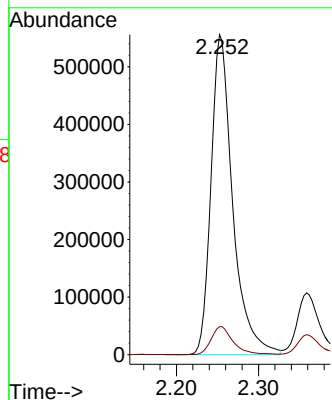
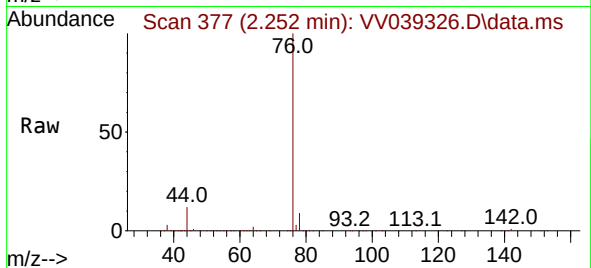




#17
Carbon Disulfide
Concen: 43.293 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

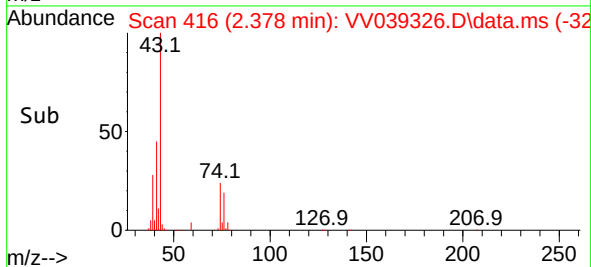
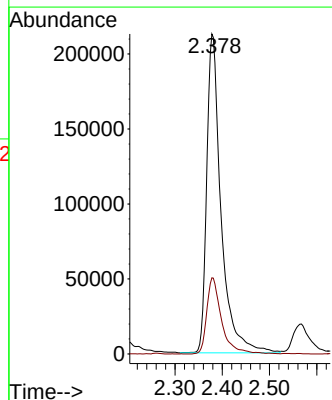
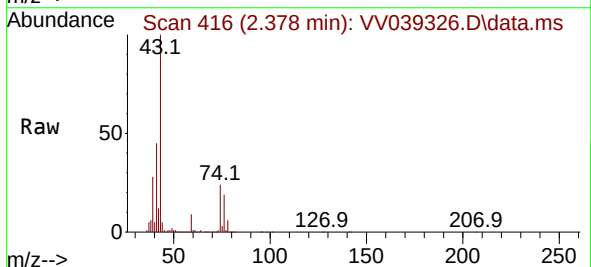
Instrument :
MSVOA_V
ClientSampleId :

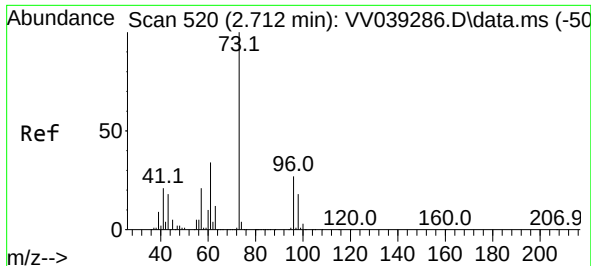
Tgt Ion: 76 Resp: 1023610
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 39.215 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 43 Resp: 448255
Ion Ratio Lower Upper
43 100
74 24.6 19.5 29.3

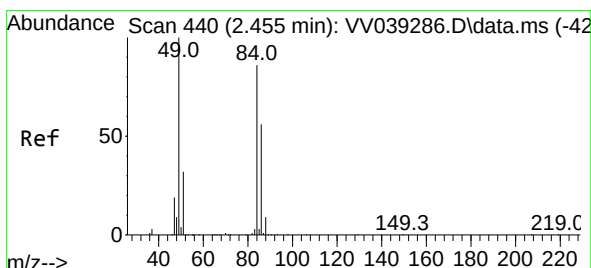
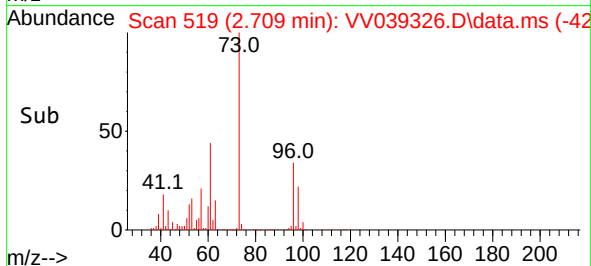
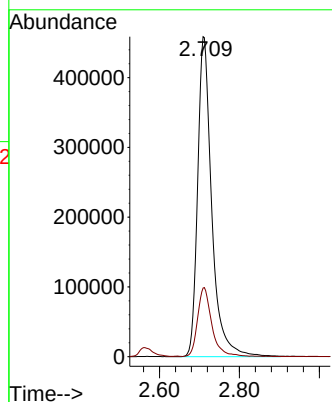
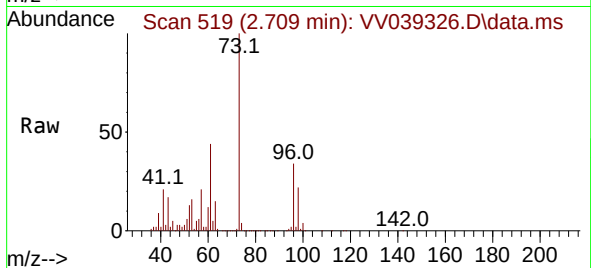




#19
Methyl tert-butyl Ether
Concen: 44.719 ug/l
RT: 2.709 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

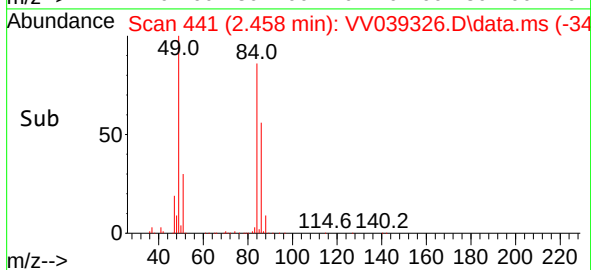
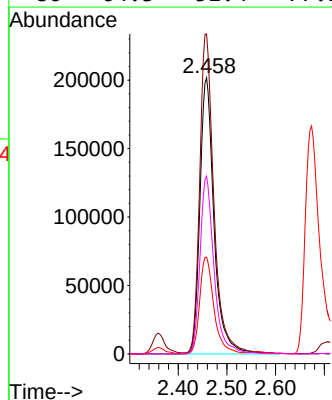
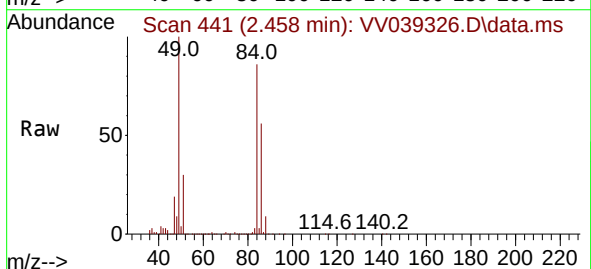
Instrument :
MSVOA_V
ClientSampleId :

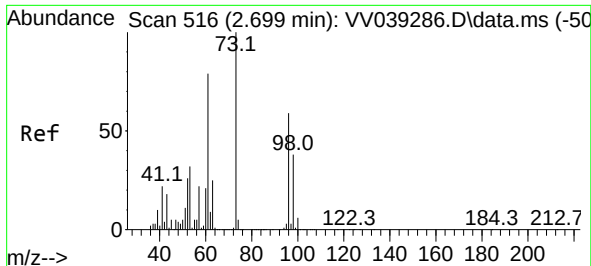
Tgt Ion: 73 Resp: 1126703
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6



#20
Methylene Chloride
Concen: 52.063 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 84 Resp: 406878
Ion Ratio Lower Upper
84 100
49 115.6 92.6 139.0
51 34.8 29.6 44.4
86 64.3 51.4 77.2

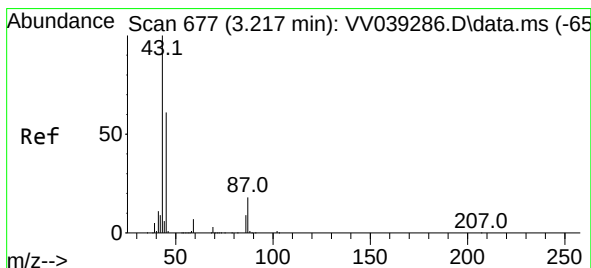
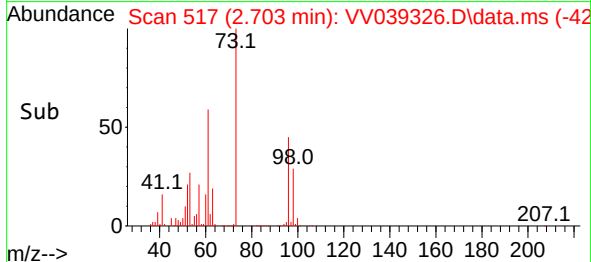
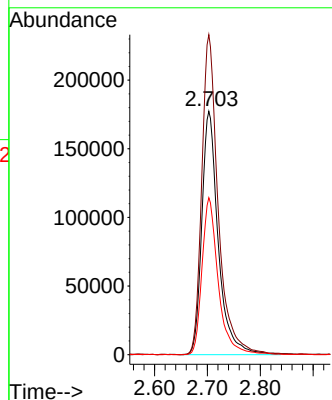
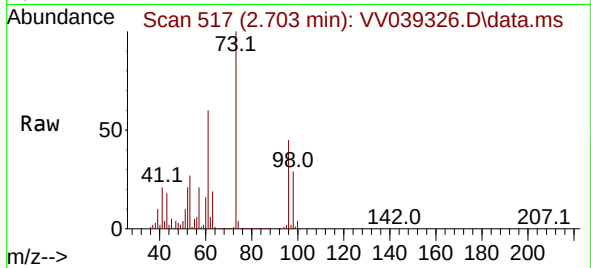




#21
trans-1,2-Dichloroethene
Concen: 43.469 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

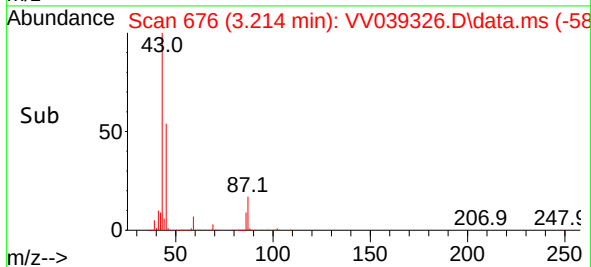
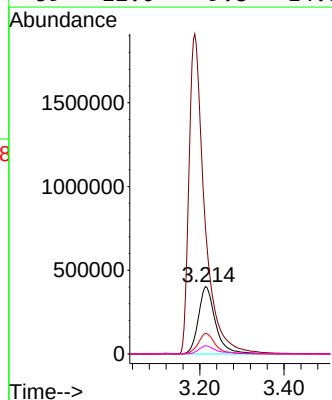
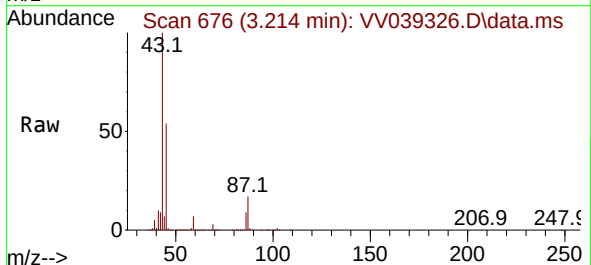
Instrument :
MSVOA_V
ClientSampleId :

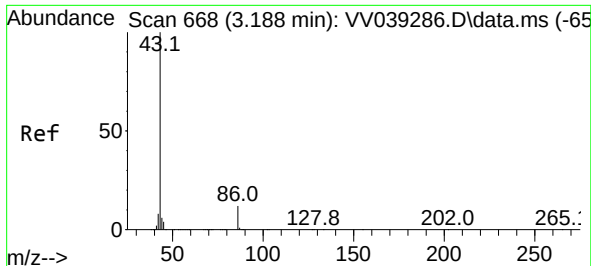
Tgt Ion: 96 Resp: 383121
Ion Ratio Lower Upper
96 100
61 131.5 106.8 160.2
98 64.5 51.1 76.7



#22
Diisopropyl ether
Concen: 47.476 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 45 Resp: 1131094
Ion Ratio Lower Upper
45 100
43 183.6 130.8 196.2
87 30.5 23.8 35.8
59 12.0 9.8 14.8

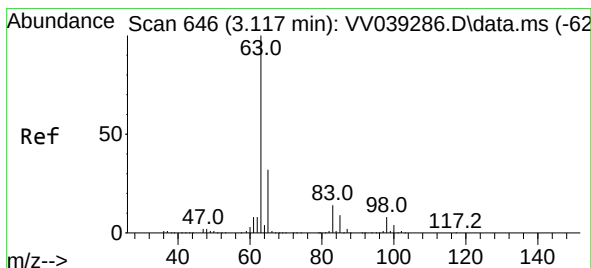
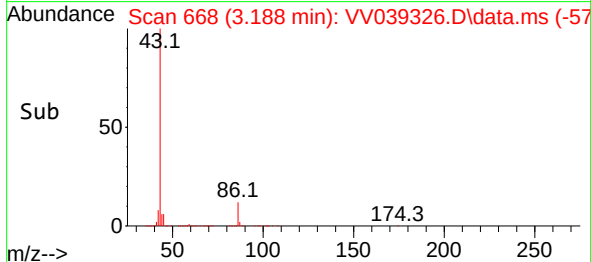
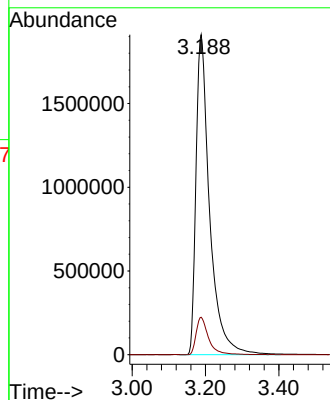
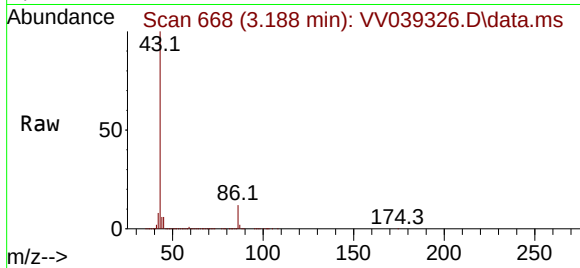




#23
 Vinyl Acetate
 Concen: 235.471 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. -0.000 min
 Lab File: VV039326.D
 Acq: 04 Nov 2025 19:39

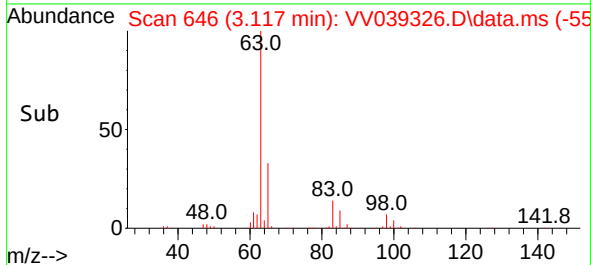
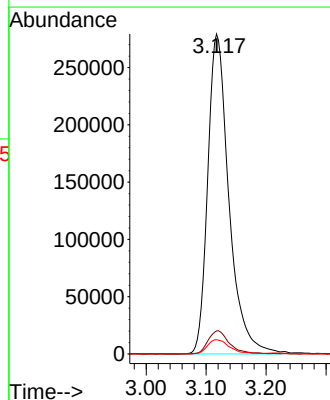
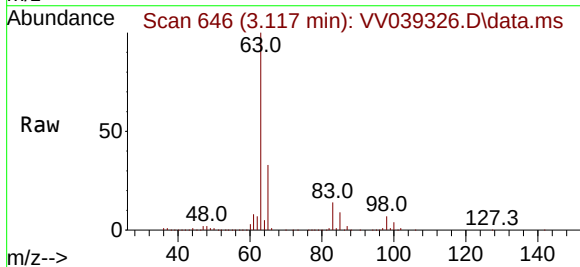
Instrument :
 MSVOA_V
 ClientSampleId :

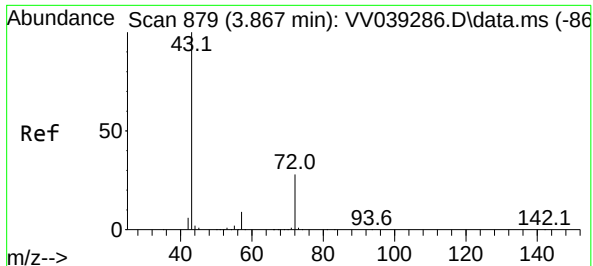
Tgt Ion: 43 Resp: 4924977
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 43.000 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039326.D
 Acq: 04 Nov 2025 19:39

Tgt Ion: 63 Resp: 686326
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.0
 100 4.5 2.3 6.8

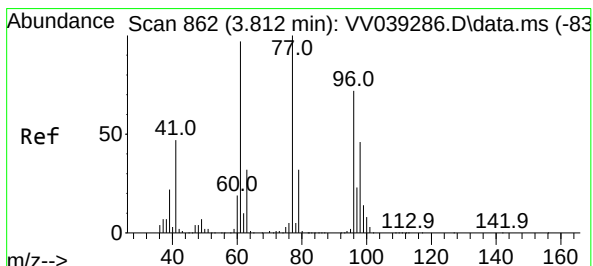
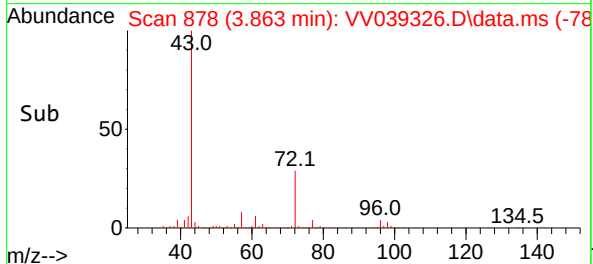
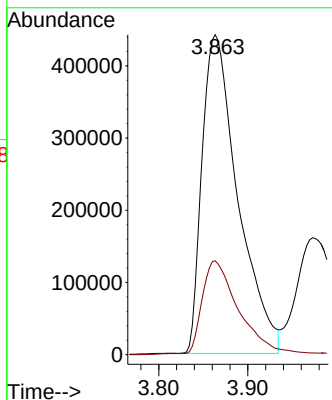
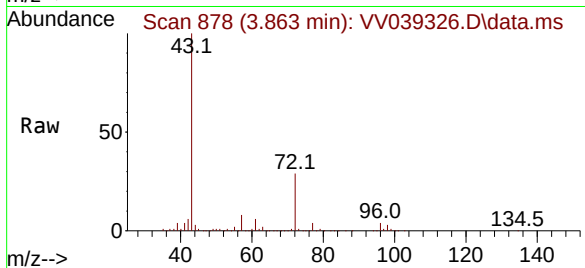




#25
2-Butanone
Concen: 229.021 ug/l
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

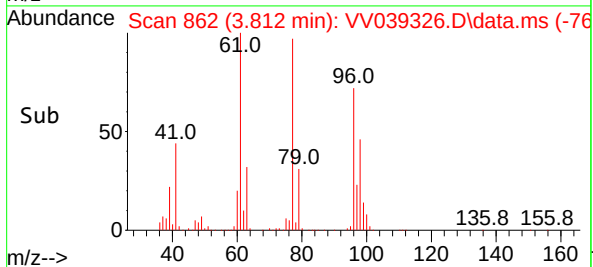
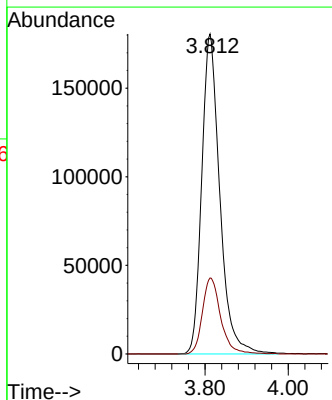
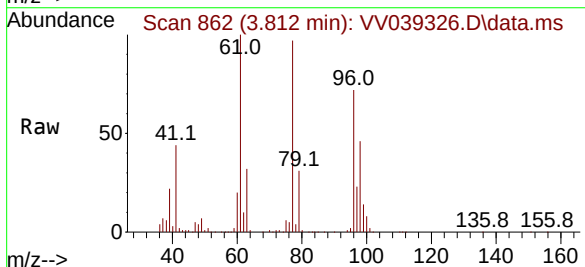
Instrument :
MSVOA_V
ClientSampleId :

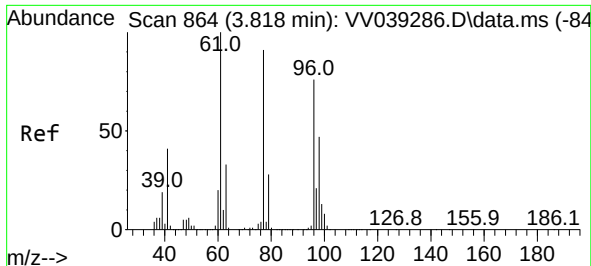
Tgt Ion: 43 Resp: 1235509
Ion Ratio Lower Upper
43 100
72 29.1 22.6 34.0



#26
2,2-Dichloropropane
Concen: 42.335 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

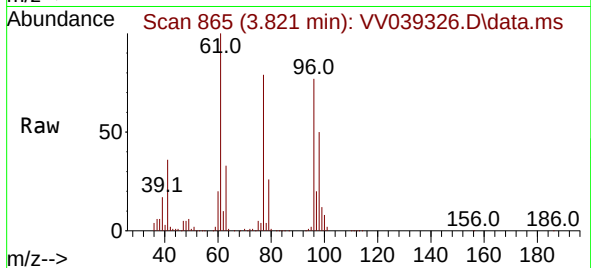
Tgt Ion: 77 Resp: 544245
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.8





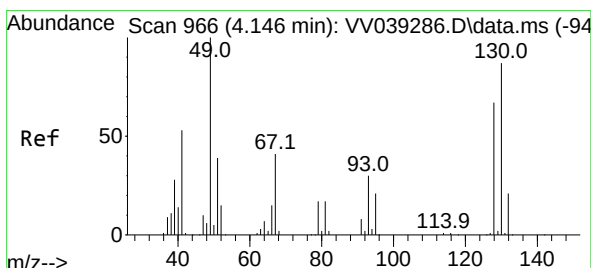
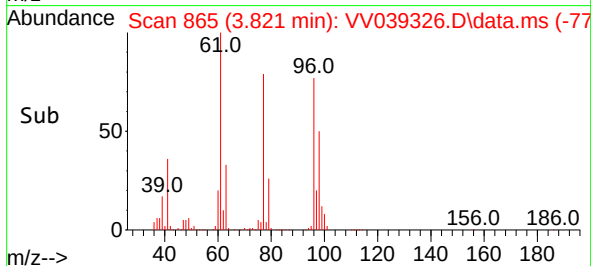
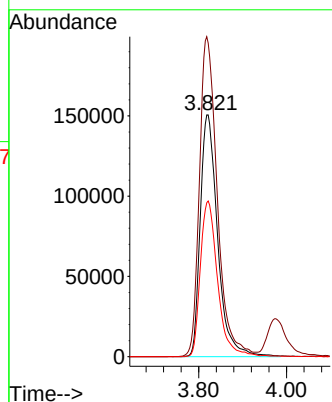
#27
 cis-1,2-Dichloroethene
 Concen: 46.903 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039326.D
 Acq: 04 Nov 2025 19:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 413908

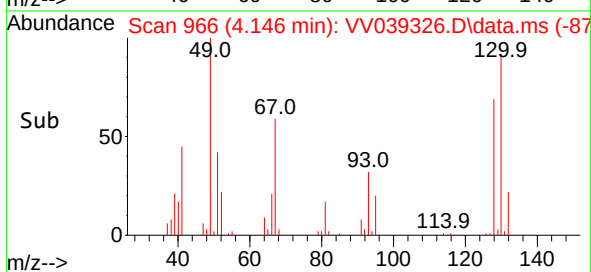
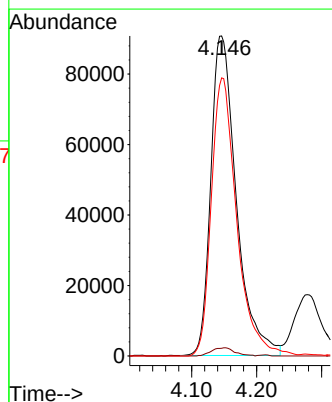
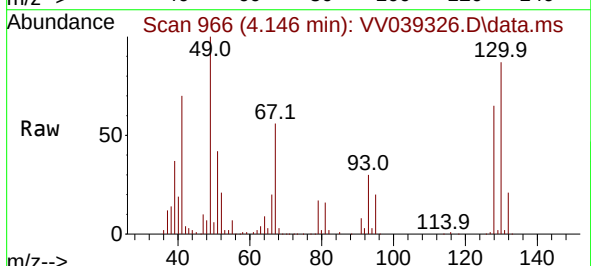
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	275.0
98	63.8	0.0	127.8

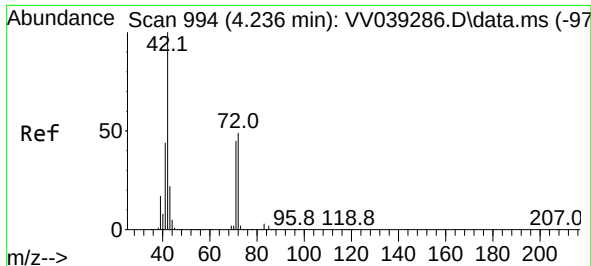


#28
 Bromochloromethane
 Concen: 36.387 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV039326.D
 Acq: 04 Nov 2025 19:39

Tgt Ion: 49 Resp: 247606

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	86.7	69.5	104.3





#29

Tetrahydrofuran

Concen: 231.885 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

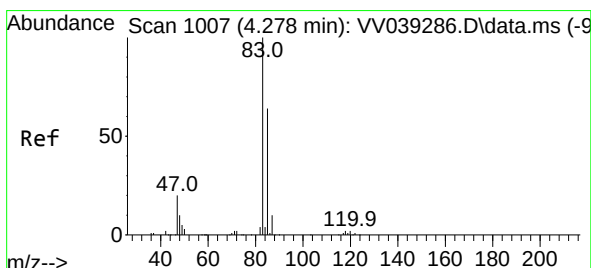
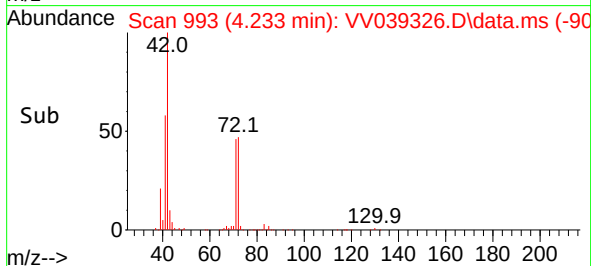
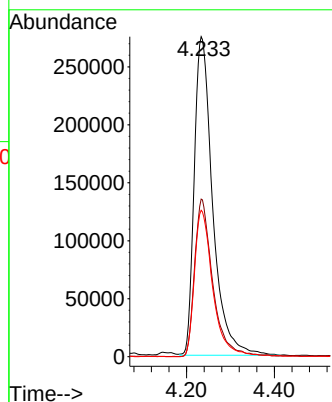
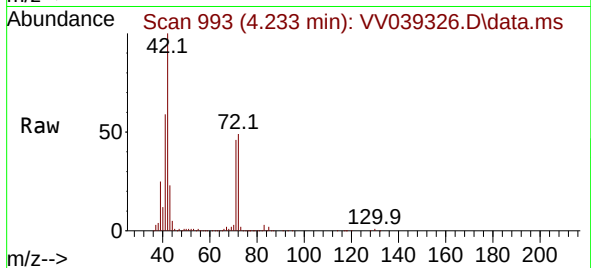
Tgt Ion: 42 Resp: 799846

Ion Ratio Lower Upper

42 100

72 48.4 39.8 59.8

71 45.8 36.5 54.7



#30

Chloroform

Concen: 44.901 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039326.D

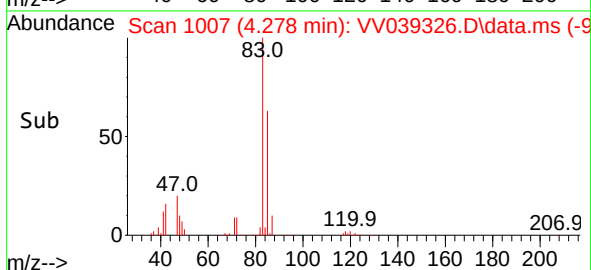
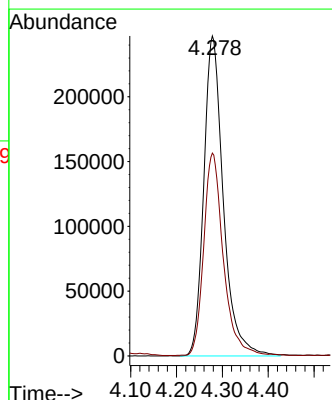
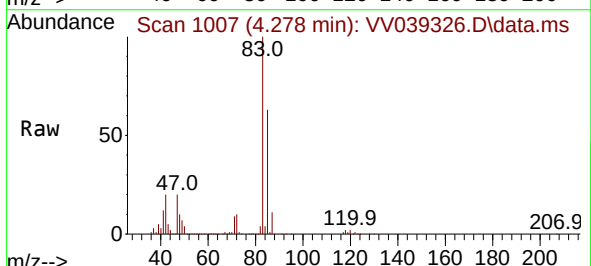
Acq: 04 Nov 2025 19:39

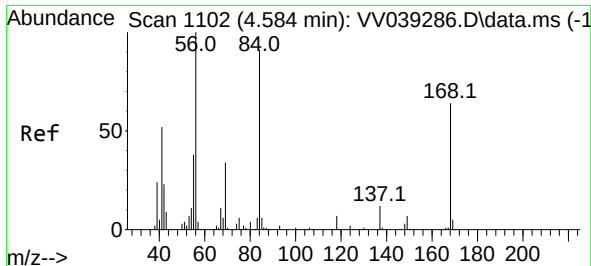
Tgt Ion: 83 Resp: 730847

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7





#31

Cyclohexane

Concen: 46.865 ug/l

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

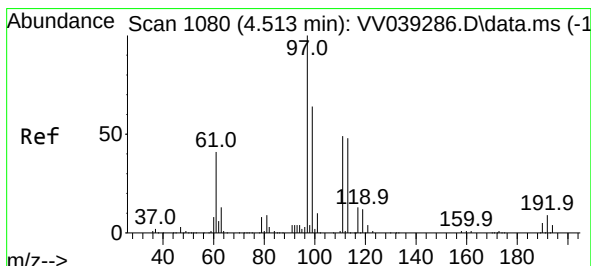
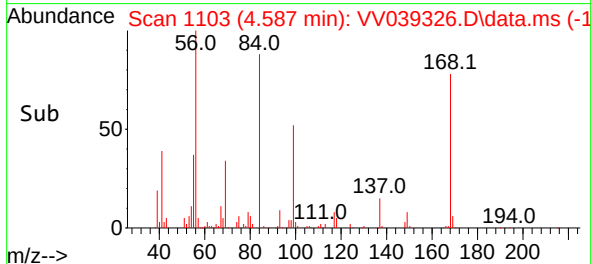
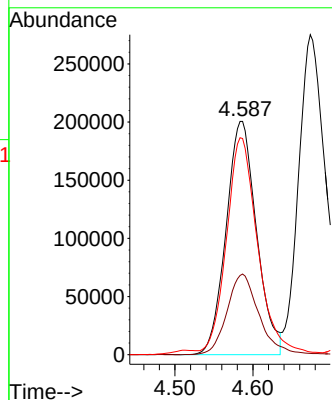
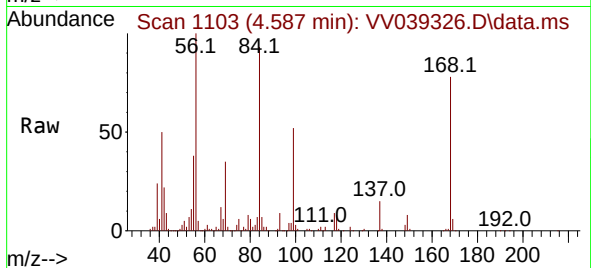
Tgt Ion: 56 Resp: 544822

Ion Ratio Lower Upper

56 100

69 34.6 27.4 41.0

84 91.0 72.8 109.2



#32

1,1,1-Trichloroethane

Concen: 44.717 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

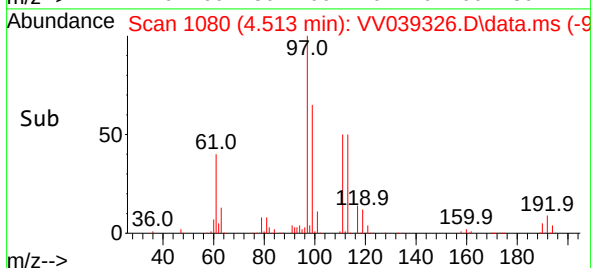
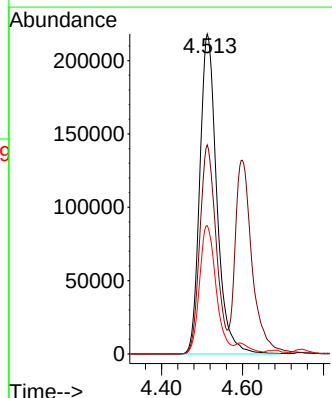
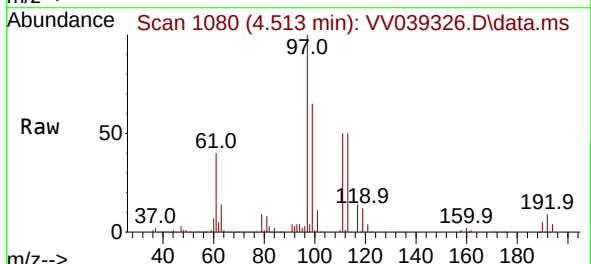
Tgt Ion: 97 Resp: 636387

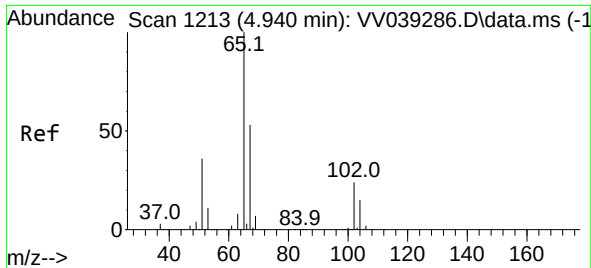
Ion Ratio Lower Upper

97 100

99 62.6 48.6 72.8

61 39.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 48.214 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

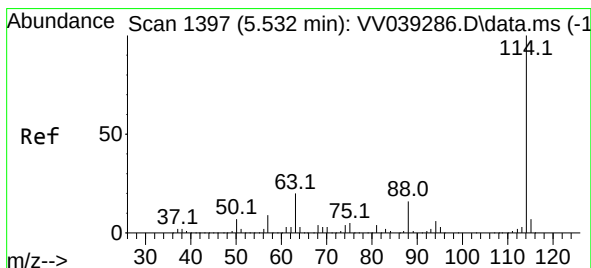
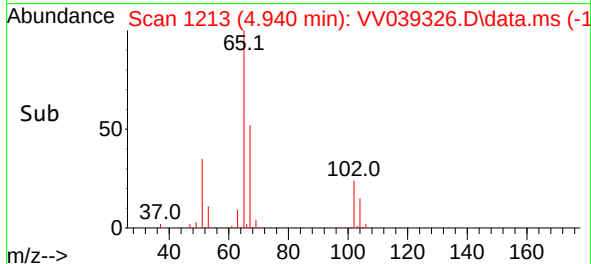
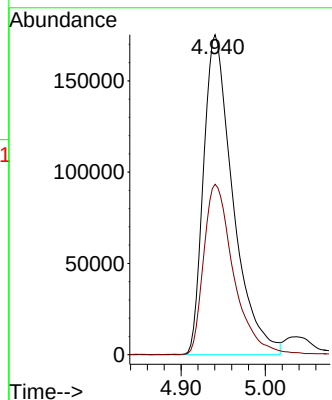
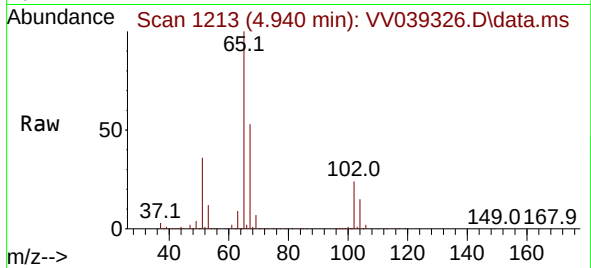
ClientSampleId :

Tgt Ion: 65 Resp: 425310

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

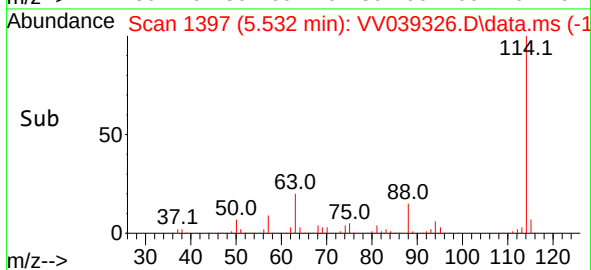
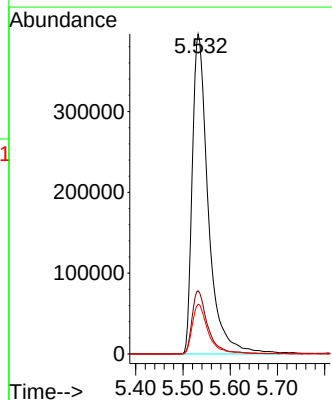
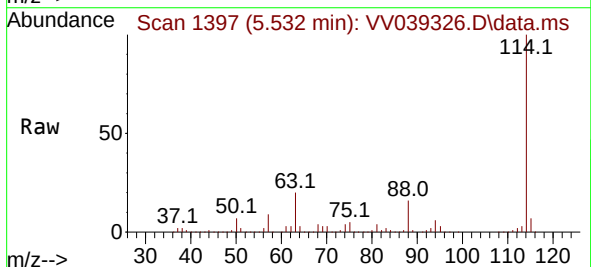
Tgt Ion: 114 Resp: 929988

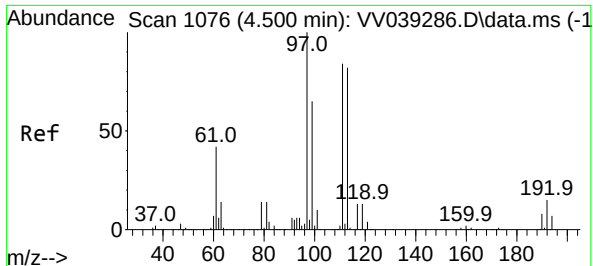
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.071 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

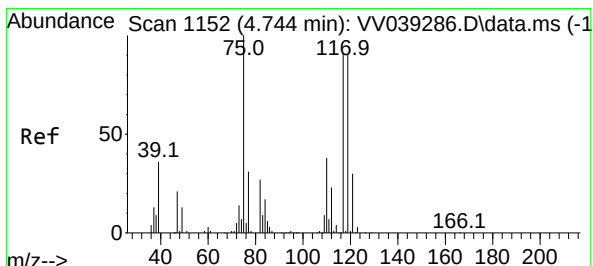
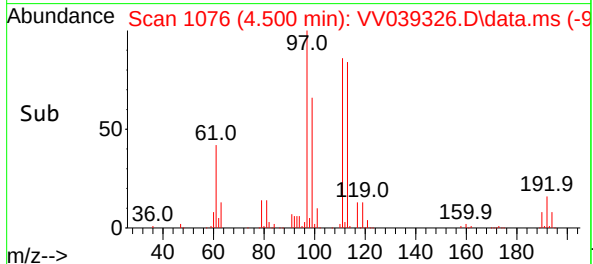
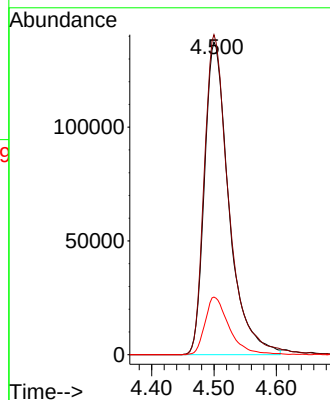
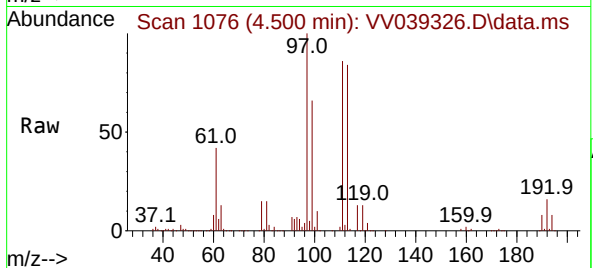
Tgt Ion:113 Resp: 374231

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 18.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 51.009 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

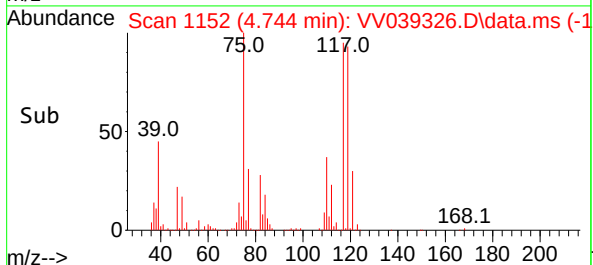
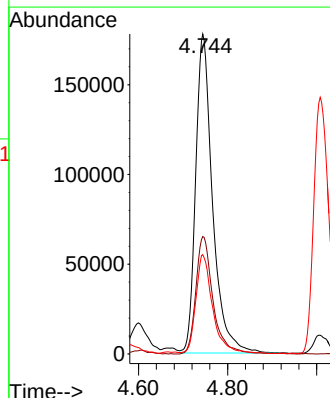
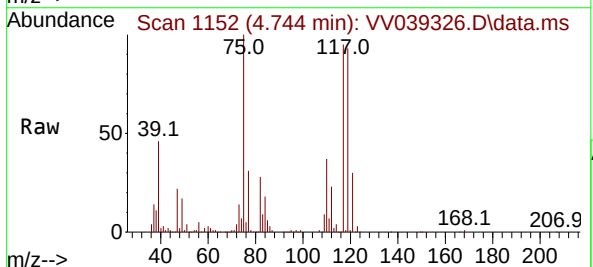
Tgt Ion: 75 Resp: 469464

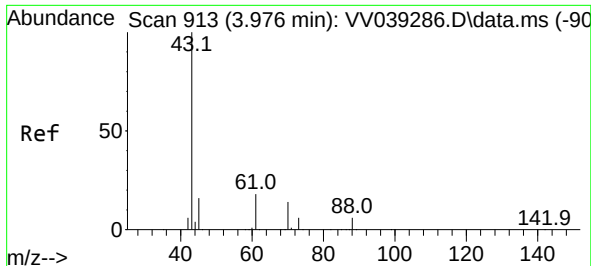
Ion Ratio Lower Upper

75 100

110 37.2 18.9 56.7

77 29.9 24.1 36.1

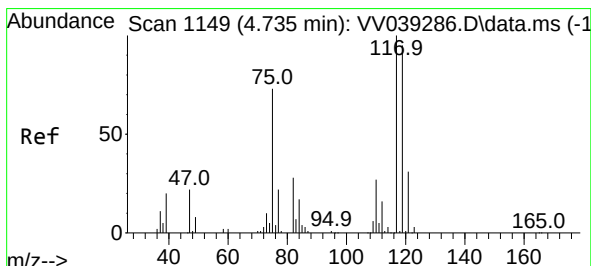
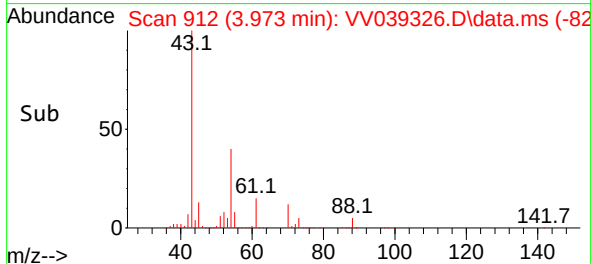
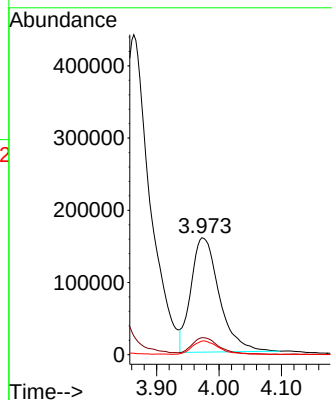
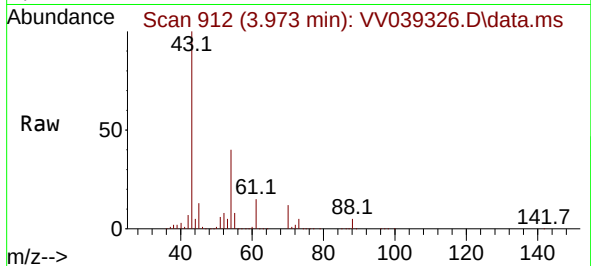




#37
Ethyl Acetate
Concen: 46.483 ug/l
RT: 3.973 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

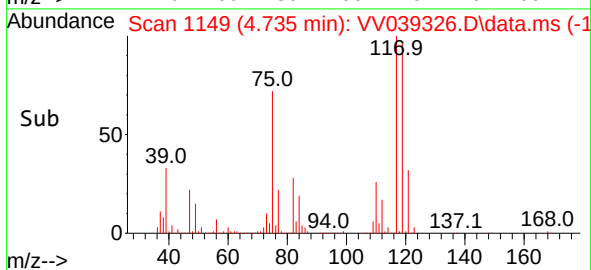
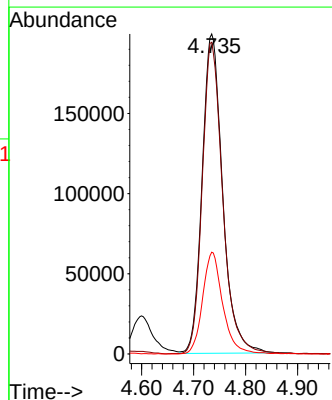
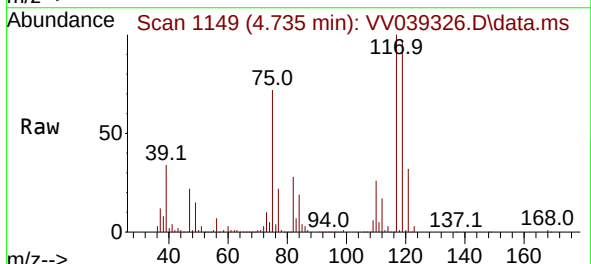
Instrument :
MSVOA_V
ClientSampleId :

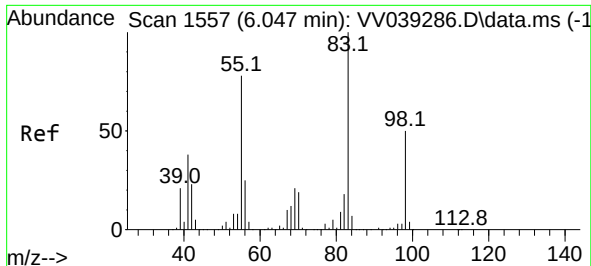
Tgt Ion: 43 Resp: 500836
Ion Ratio Lower Upper
43 100
61 13.1 12.2 18.2
70 10.7 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.681 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 117 Resp: 545851
Ion Ratio Lower Upper
117 100
119 97.6 75.9 113.9
121 31.8 24.6 37.0





#39

Methylcyclohexane

Concen: 52.254 ug/l

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

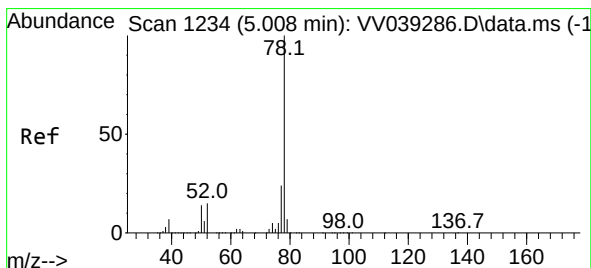
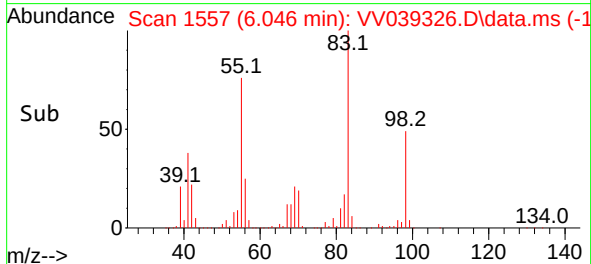
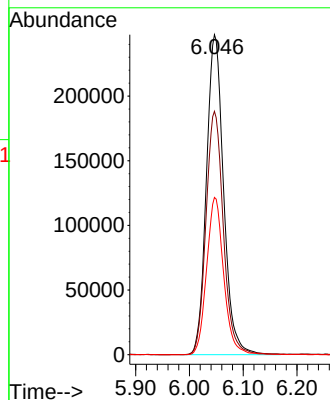
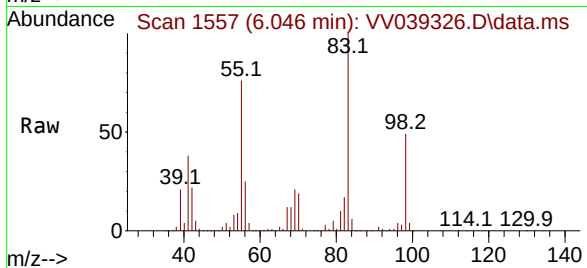
Tgt Ion: 83 Resp: 549639

Ion Ratio Lower Upper

83 100

55 76.0 62.1 93.1

98 49.2 40.2 60.4



#40

Benzene

Concen: 50.677 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV039326.D

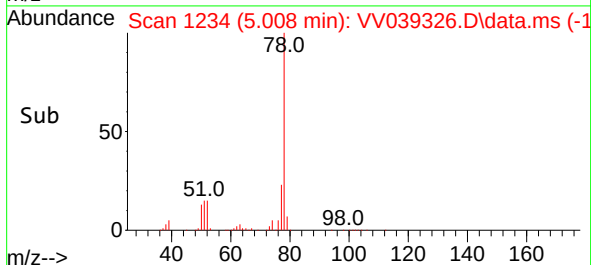
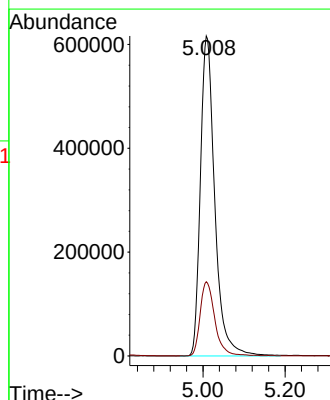
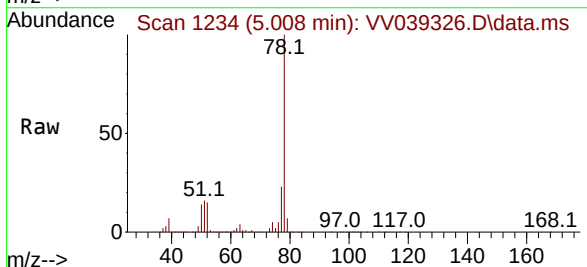
Acq: 04 Nov 2025 19:39

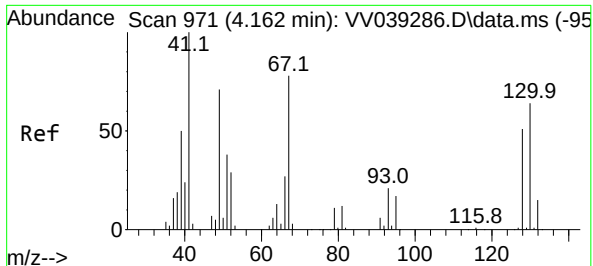
Tgt Ion: 78 Resp: 1496612

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3



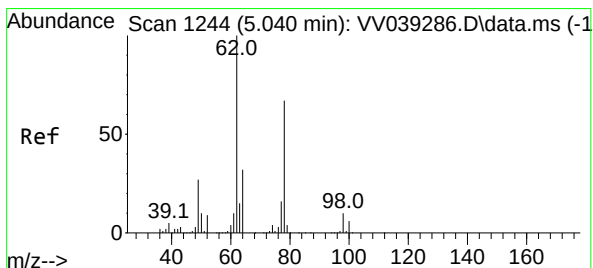
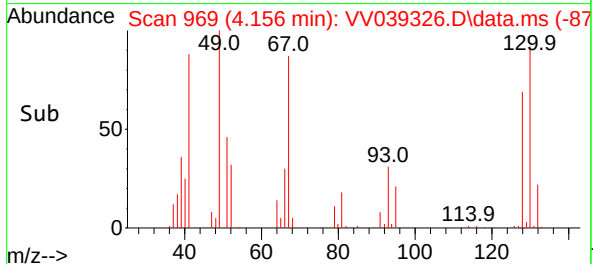
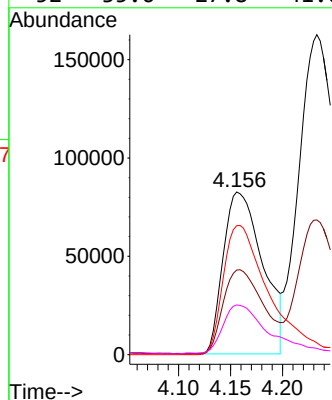
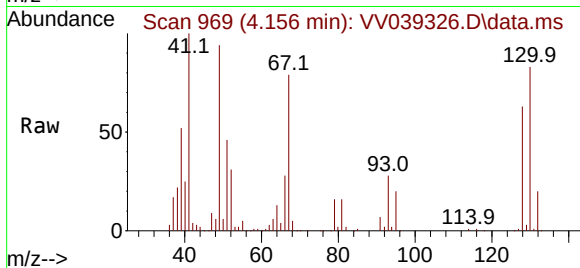


#41
Methacrylonitrile
Concen: 47.259 ug/l
RT: 4.156 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 41 Resp: 217339

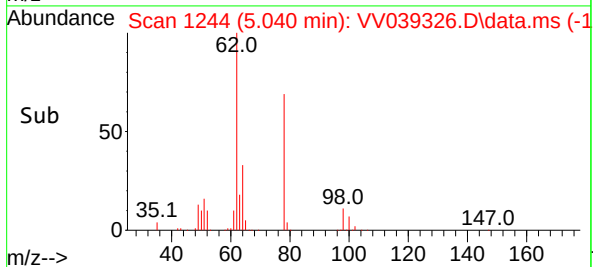
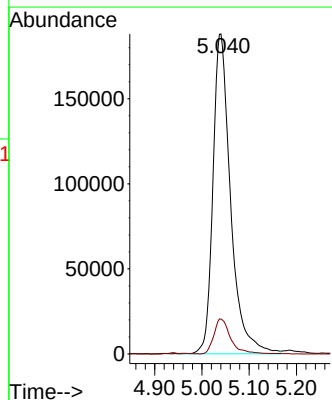
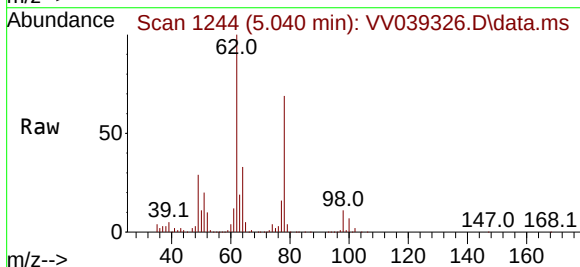
Ion	Ratio	Lower	Upper
41	100		
39	52.7	40.9	61.3
67	94.8	73.1	109.7
52	35.6	27.8	41.6

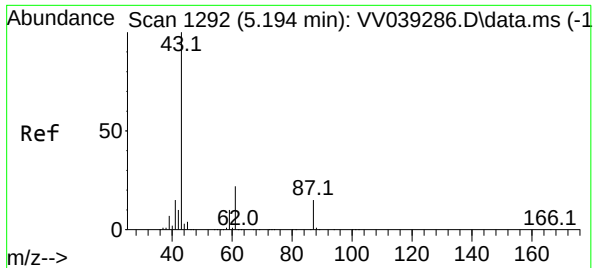


#42
1,2-Dichloroethane
Concen: 47.070 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 62 Resp: 487872

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0

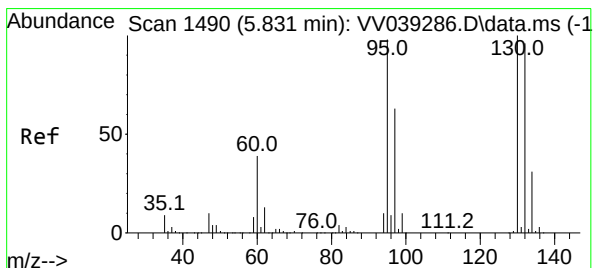
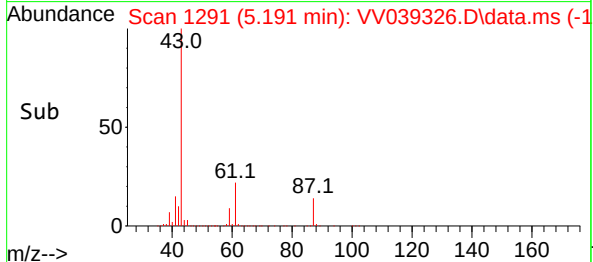
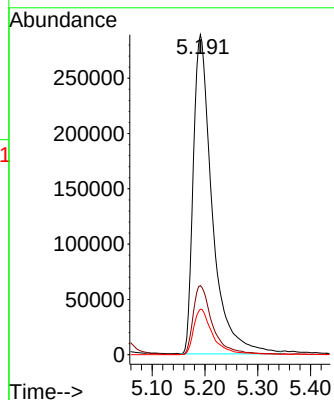
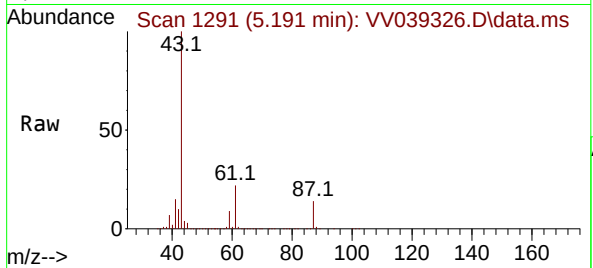




#43
Isopropyl Acetate
Concen: 51.025 ug/l
RT: 5.191 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

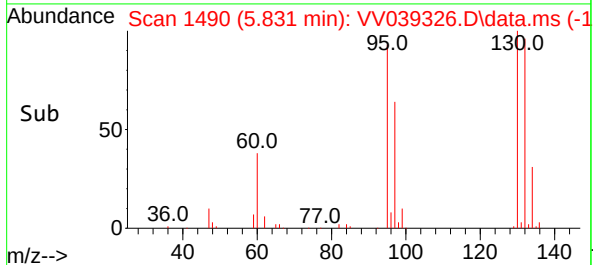
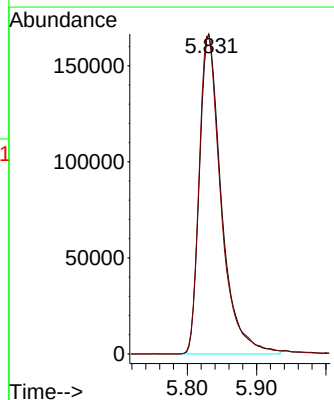
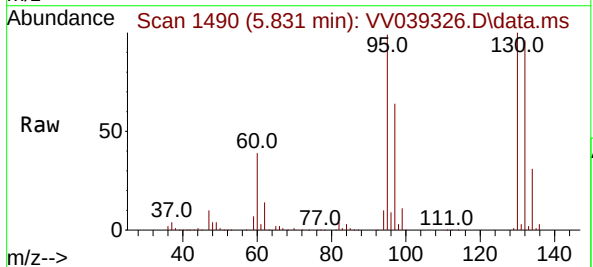
Instrument :
MSVOA_V
ClientSampleId :

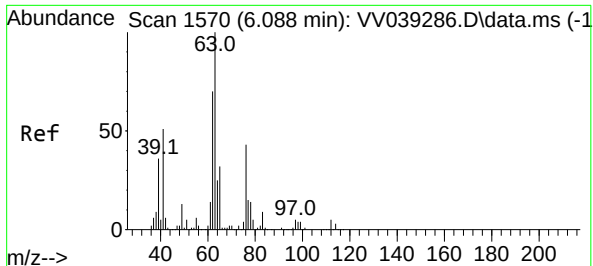
Tgt Ion: 43 Resp: 719768
Ion Ratio Lower Upper
43 100
61 21.7 17.1 25.7
87 14.4 11.5 17.3



#44
Trichloroethene
Concen: 49.420 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:130 Resp: 367023
Ion Ratio Lower Upper
130 100
95 99.5 0.0 196.6





#45

1,2-Dichloropropane

Concen: 51.462 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

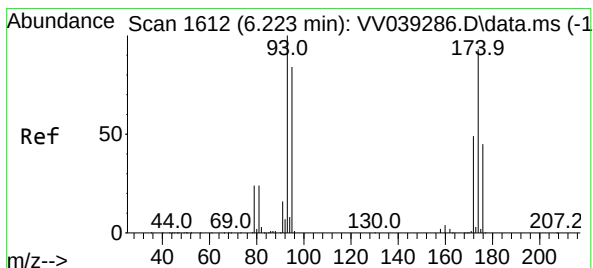
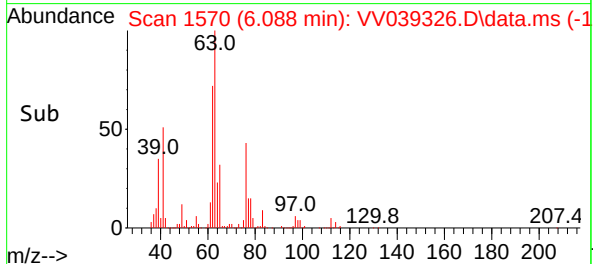
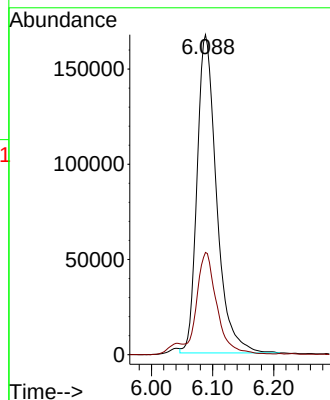
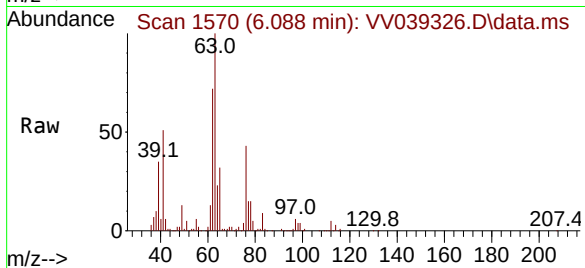
ClientSampleId :

Tgt Ion: 63 Resp: 369823

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 47.493 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

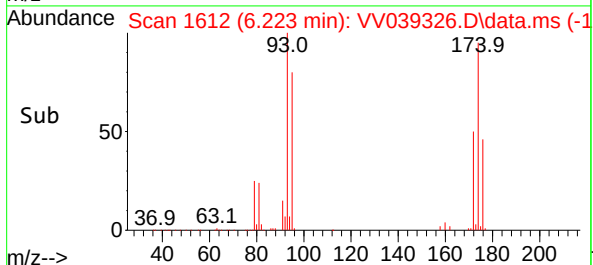
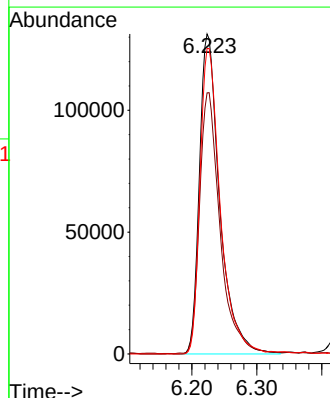
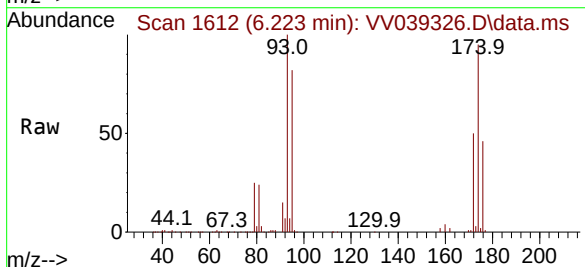
Tgt Ion: 93 Resp: 285277

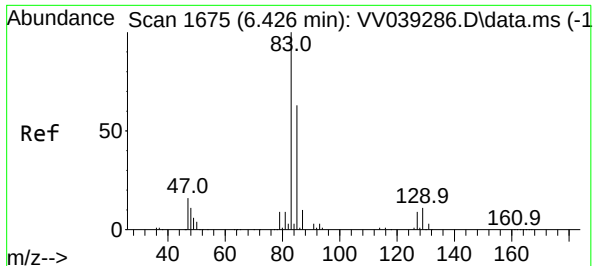
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 95.6 74.6 112.0

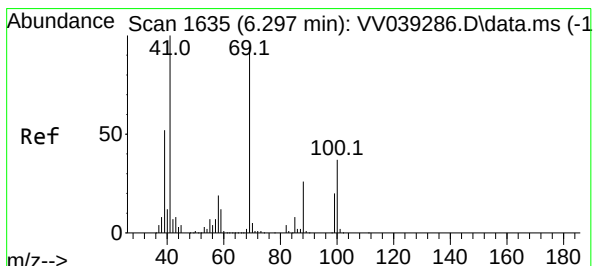
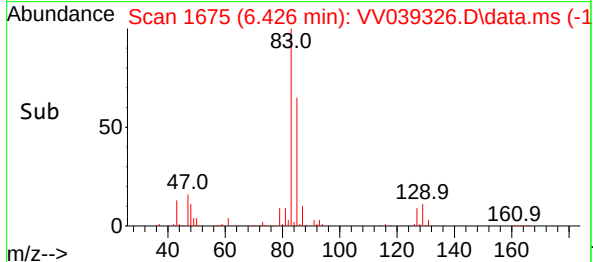
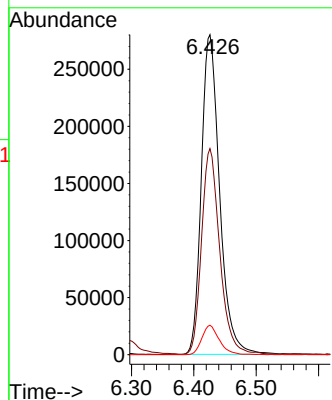
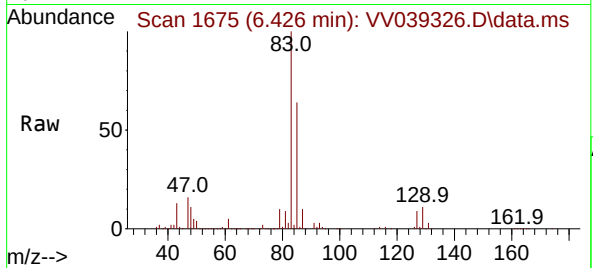




#47
Bromodichloromethane
Concen: 48.323 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

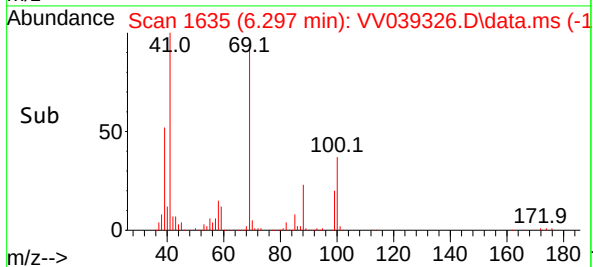
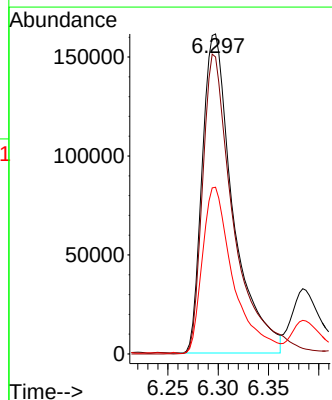
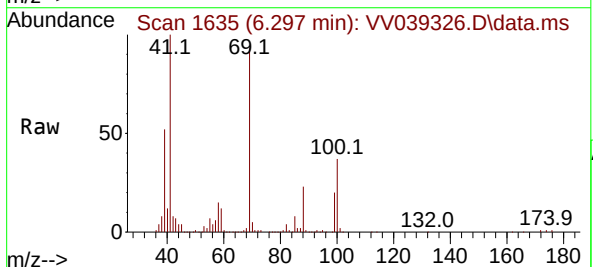
Instrument :
MSVOA_V
ClientSampleId :

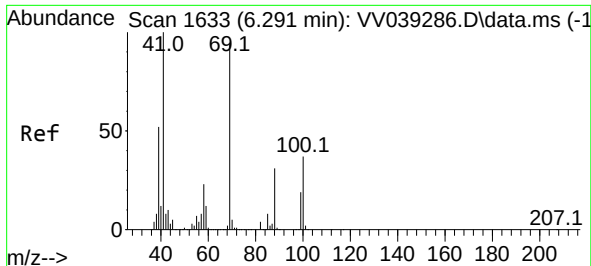
Tgt Ion: 83 Resp: 571923
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 52.519 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 41 Resp: 343217
Ion Ratio Lower Upper
41 100
69 95.5 77.2 115.8
39 52.1 41.4 62.0





#49

1,4-Dioxane

Concen: 966.086 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

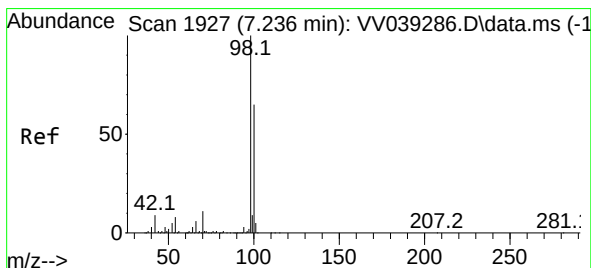
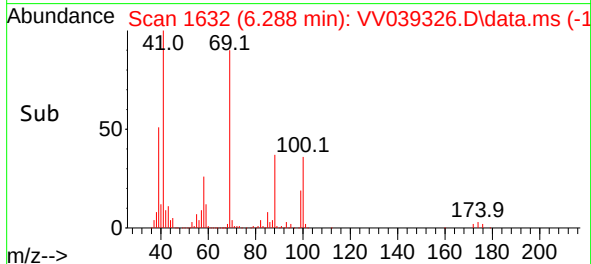
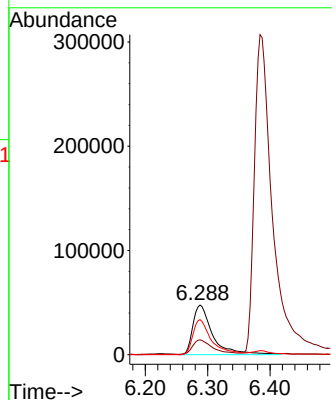
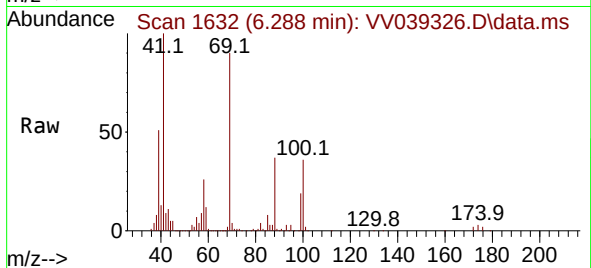
Tgt Ion: 88 Resp: 105025

Ion Ratio Lower Upper

88 100

43 29.6 24.1 36.1

58 66.2 57.6 86.4



#50

Toluene-d8

Concen: 54.490 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039326.D

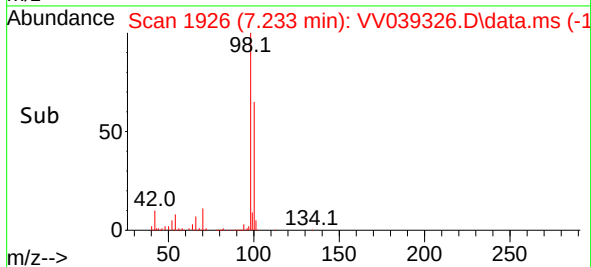
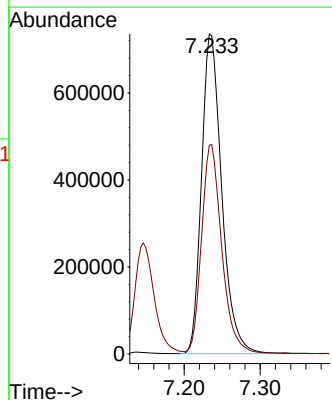
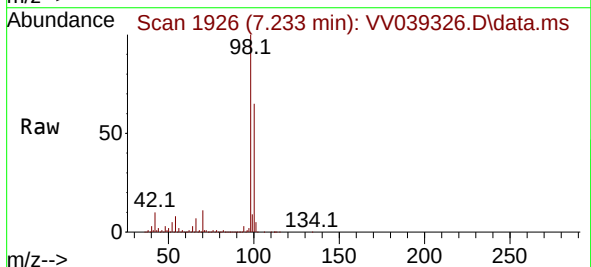
Acq: 04 Nov 2025 19:39

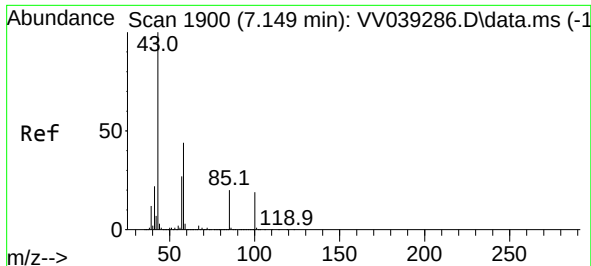
Tgt Ion: 98 Resp: 1358331

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

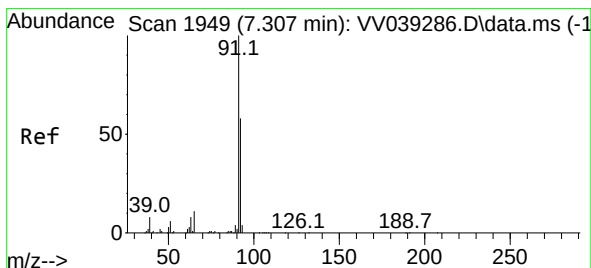
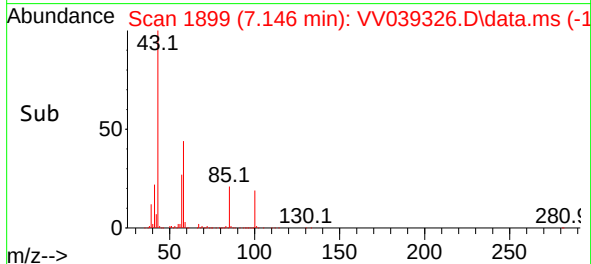
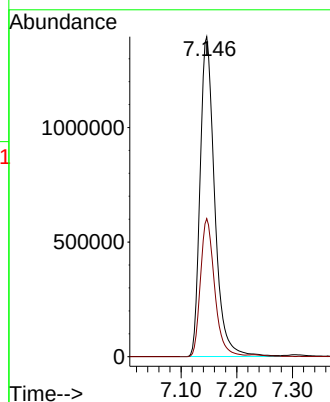
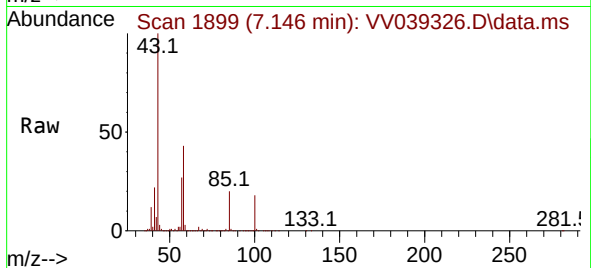




#51
4-Methyl-2-Pentanone
Concen: 259.478 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

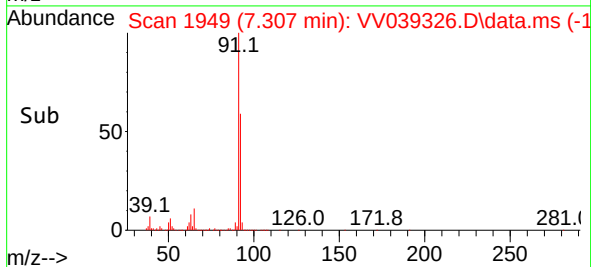
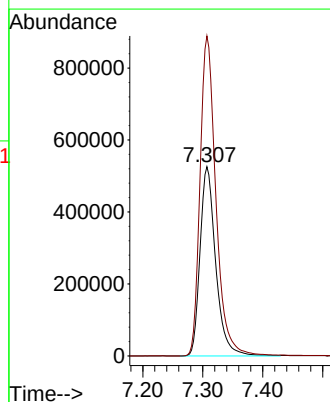
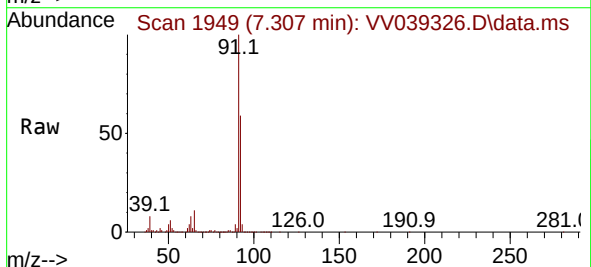
Instrument :
MSVOA_V
ClientSampleId :

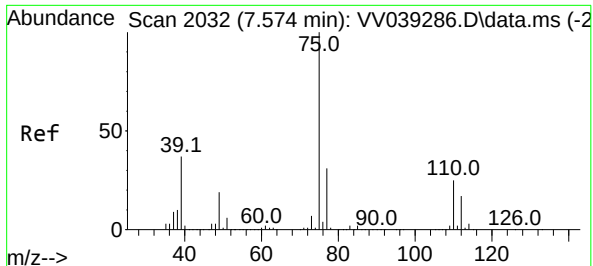
Tgt Ion: 43 Resp: 2539398
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.4



#52
Toluene
Concen: 53.684 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 92 Resp: 957278
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 52.024 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

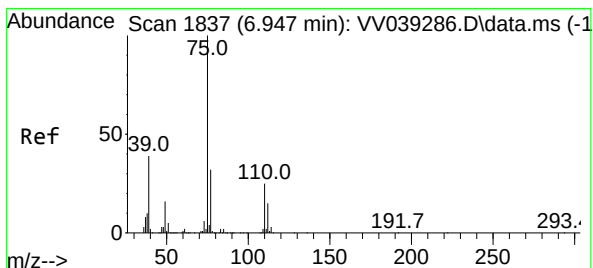
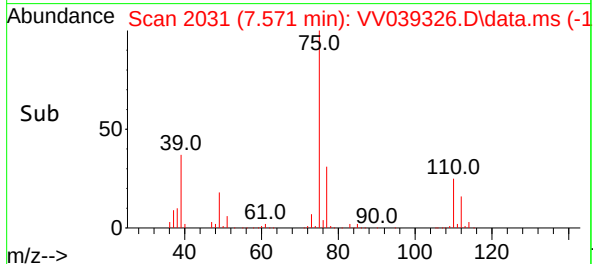
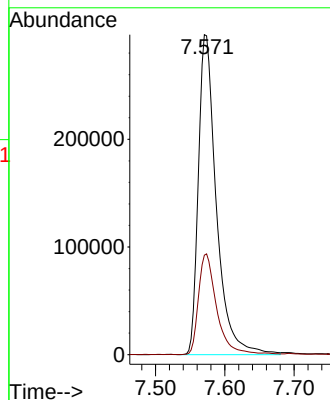
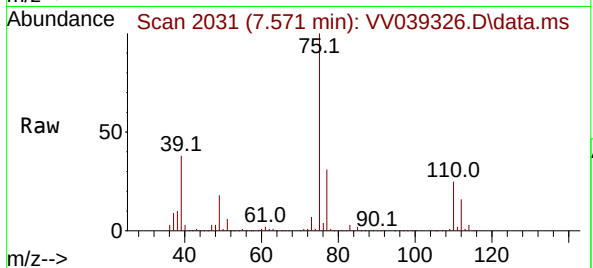
ClientSampleId :

Tgt Ion: 75 Resp: 538120

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.641 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

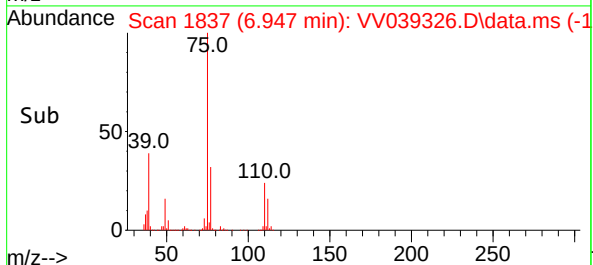
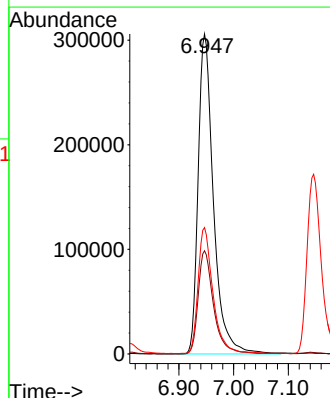
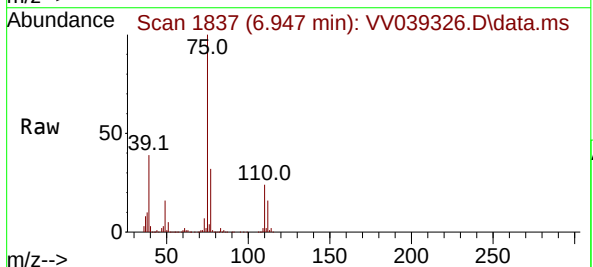
Tgt Ion: 75 Resp: 593862

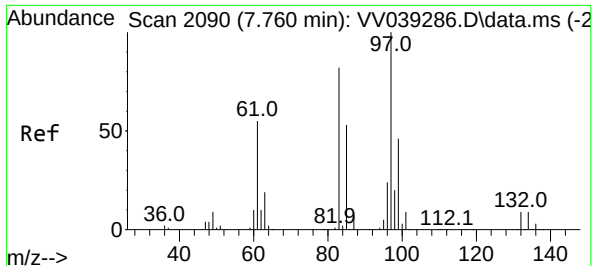
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 39.3 31.0 46.6

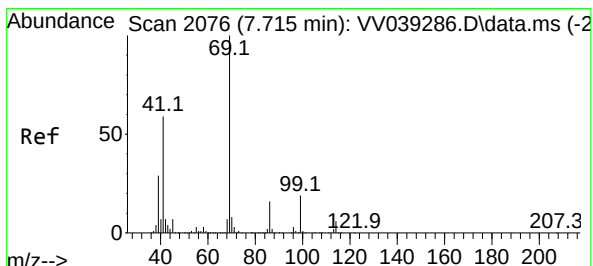
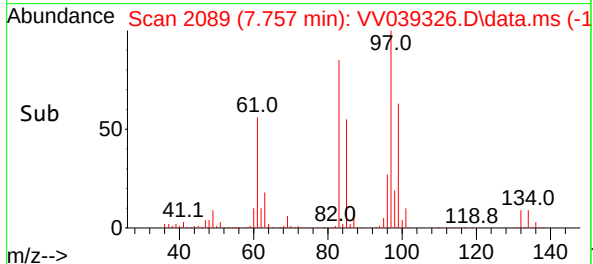
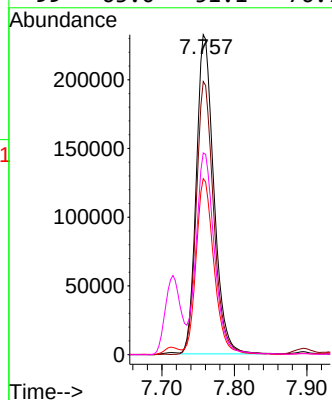
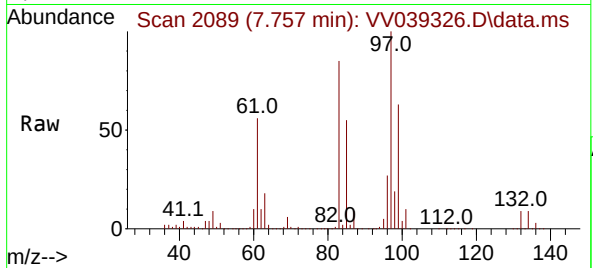




#55
1,1,2-Trichloroethane
Concen: 48.481 ug/l
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

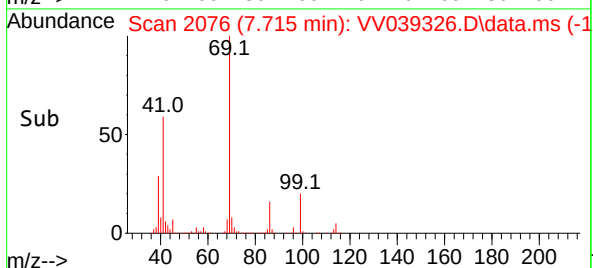
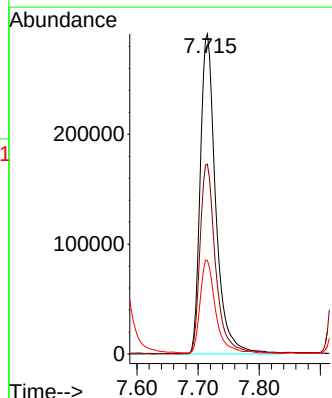
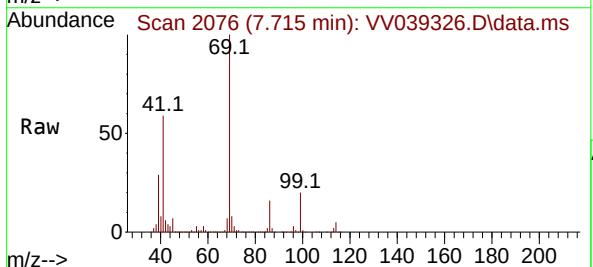
Instrument :
MSVOA_V
ClientSampleId :

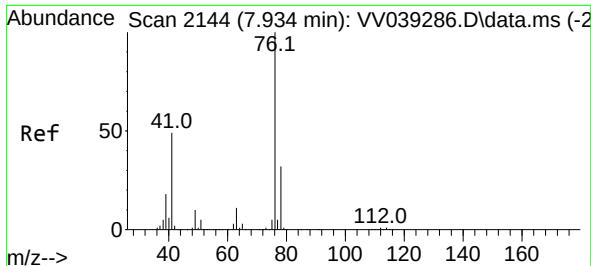
Tgt Ion:	97	Resp:	390360
Ion	Ratio	Lower	Upper
97	100		
83	85.3	65.8	98.8
85	55.0	43.3	64.9
99	63.0	51.1	76.7



#56
Ethyl methacrylate
Concen: 56.143 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:	69	Resp:	512149
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.1	70.7
39	28.3	23.2	34.8





#57

1,3-Dichloropropane

Concen: 51.110 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

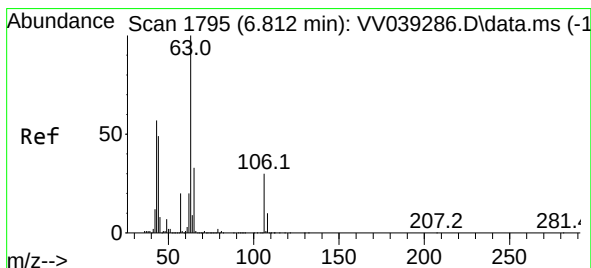
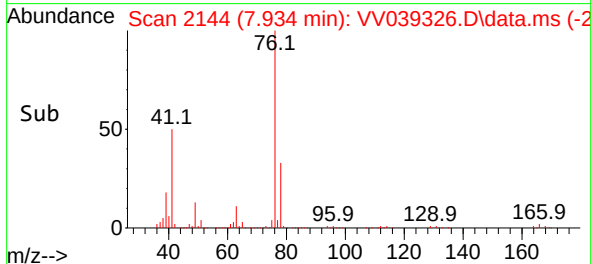
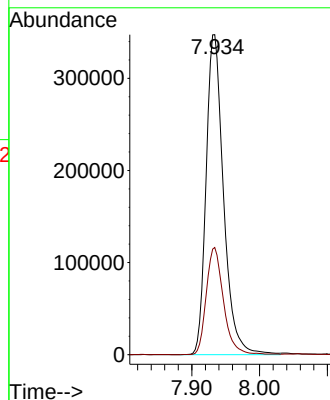
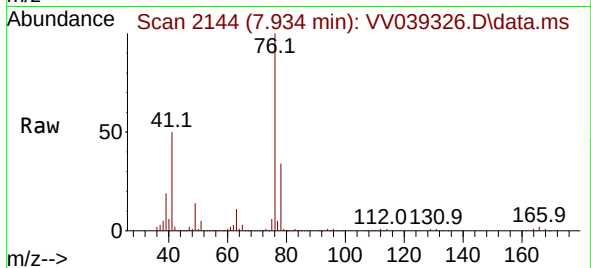
ClientSampleId :

Tgt Ion: 76 Resp: 621006

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 172.060 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV039326.D

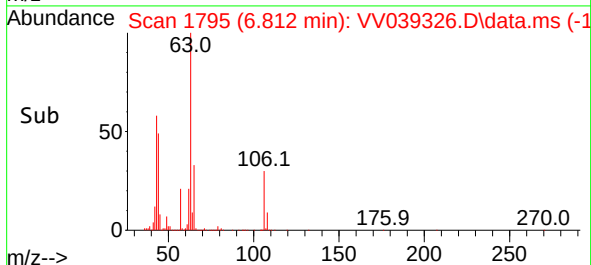
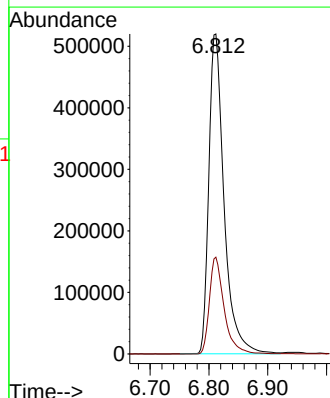
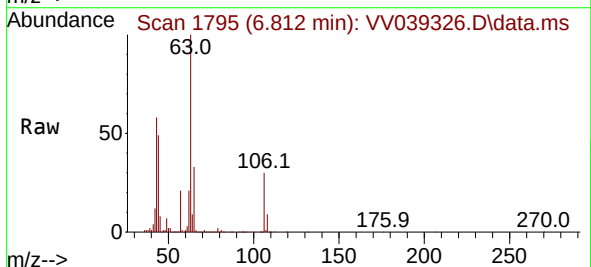
Acq: 04 Nov 2025 19:39

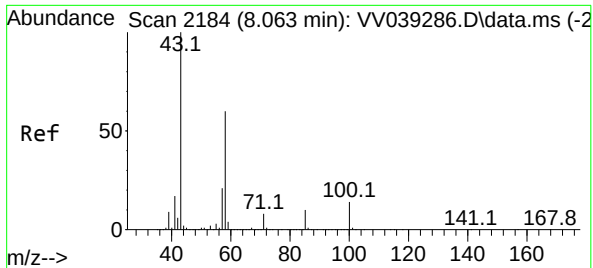
Tgt Ion: 63 Resp: 934700

Ion Ratio Lower Upper

63 100

106 29.3 23.5 35.3

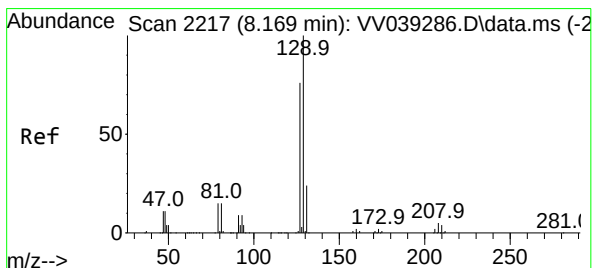
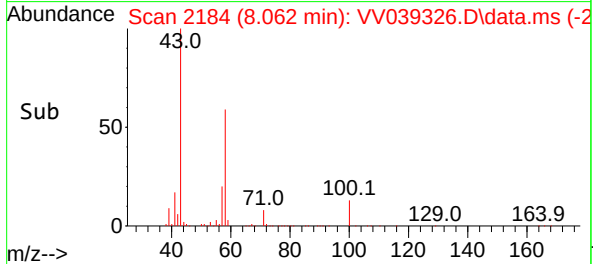
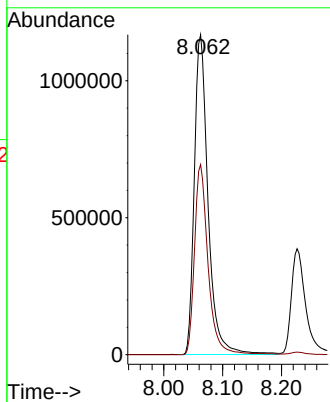
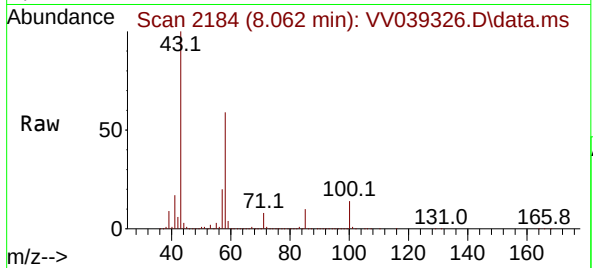




#59
2-Hexanone
Concen: 263.858 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

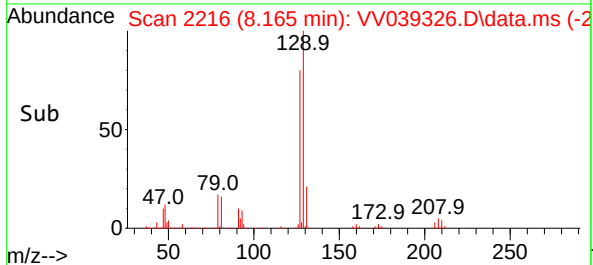
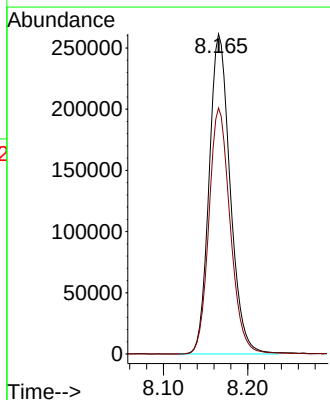
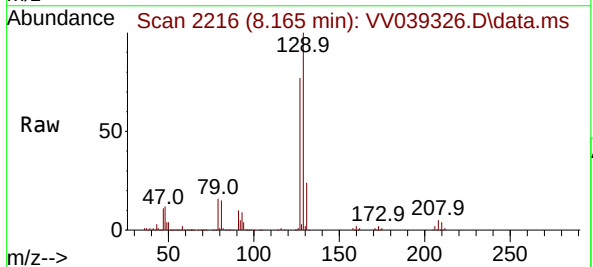
Instrument :
MSVOA_V
ClientSampleId :

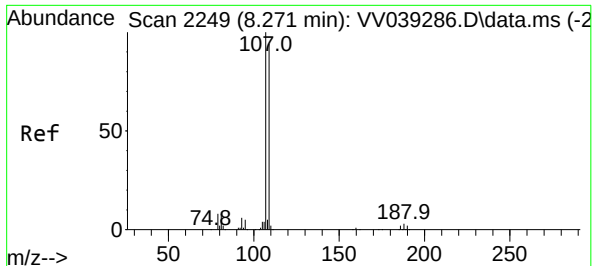
Tgt Ion: 43 Resp: 1895759
Ion Ratio Lower Upper
43 100
58 58.4 29.6 88.9



#60
Dibromochloromethane
Concen: 48.204 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 129 Resp: 453811
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.619 ug/l

RT: 8.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

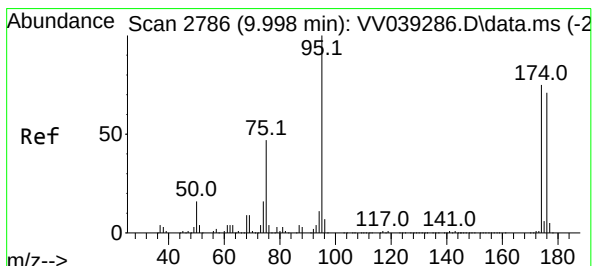
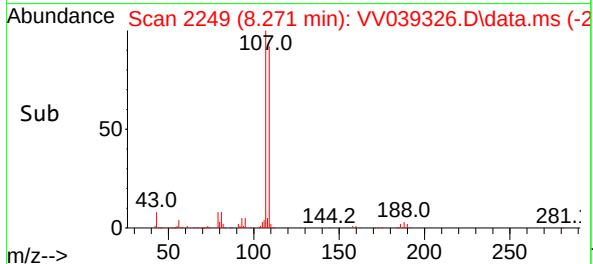
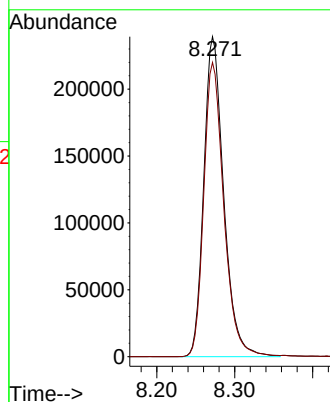
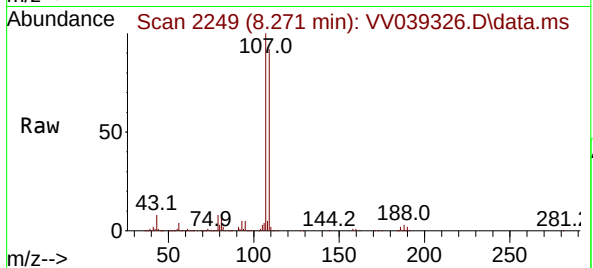
ClientSampleId :

Tgt Ion:107 Resp: 424386

Ion Ratio Lower Upper

107 100

109 92.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 55.577 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

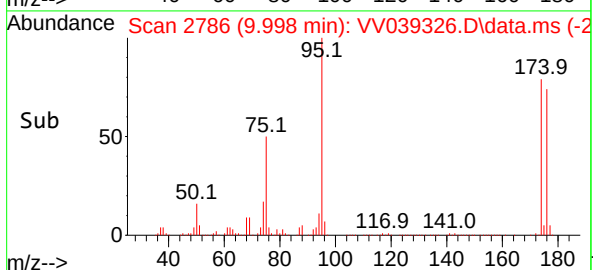
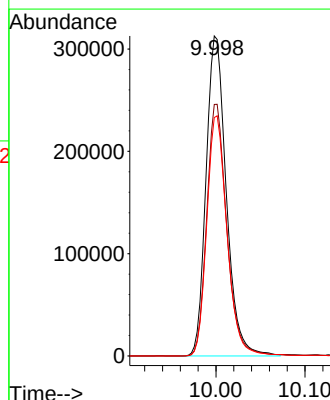
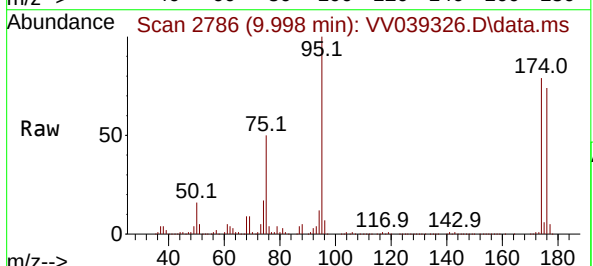
Tgt Ion: 95 Resp: 493409

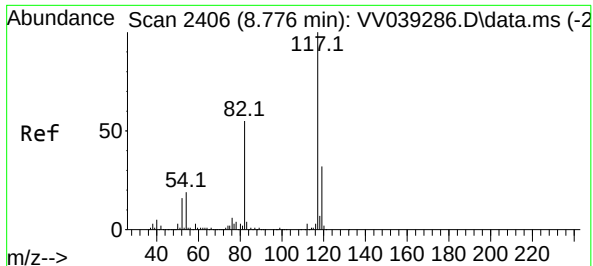
Ion Ratio Lower Upper

95 100

174 78.2 0.0 153.6

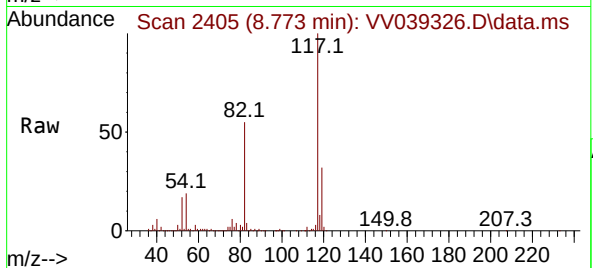
176 75.0 0.0 146.0



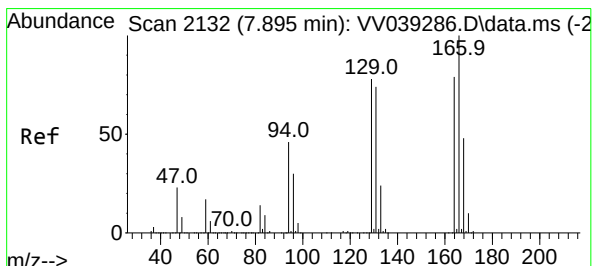
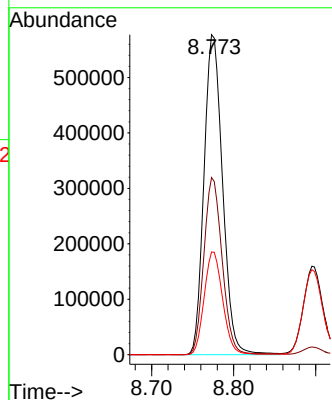
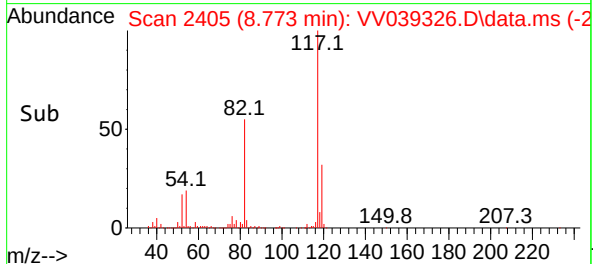


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Instrument :
MSVOA_V
ClientSampleId :

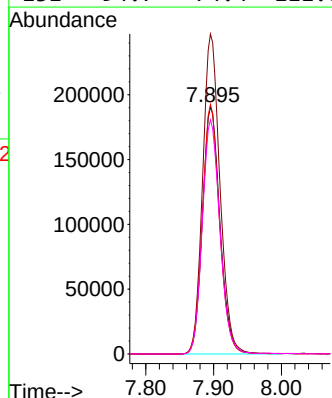
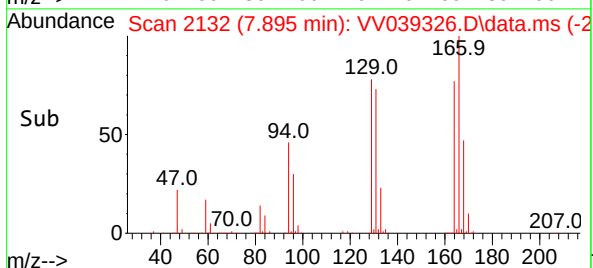
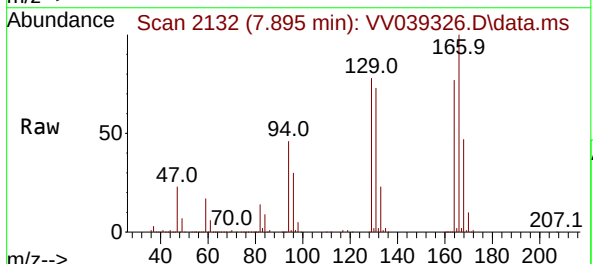


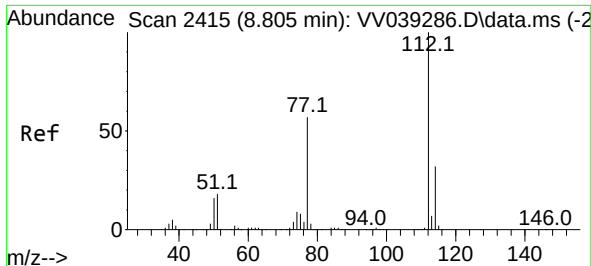
Tgt Ion:117 Resp: 910377
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 51.489 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:164 Resp: 341930
Ion Ratio Lower Upper
164 100
166 129.4 101.0 151.6
129 100.9 79.0 118.6
131 94.7 74.4 111.6

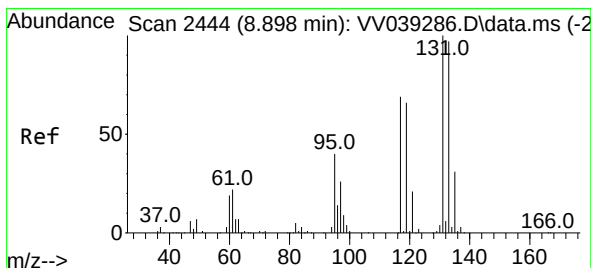
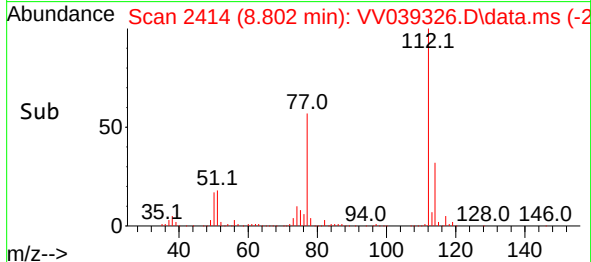
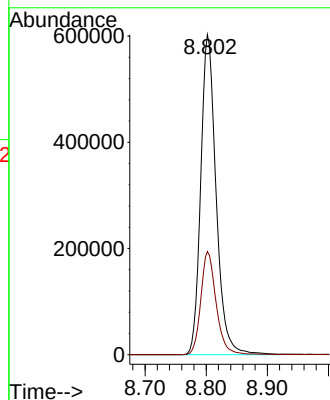
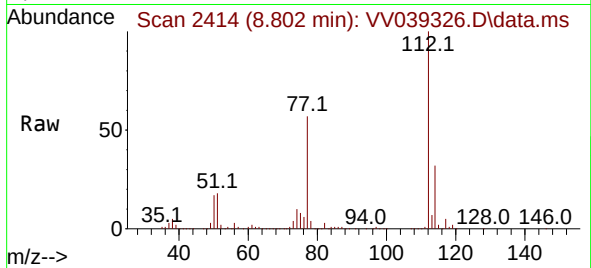




#65
Chlorobenzene
Concen: 48.805 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

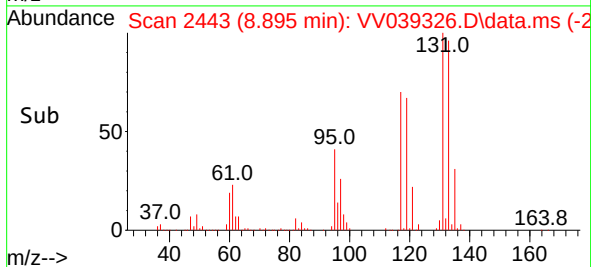
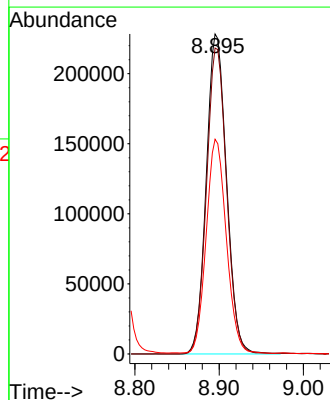
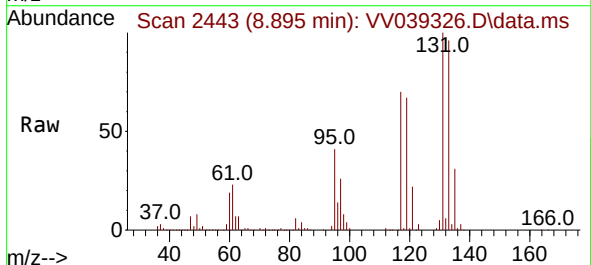
Instrument :
MSVOA_V
ClientSampleId :

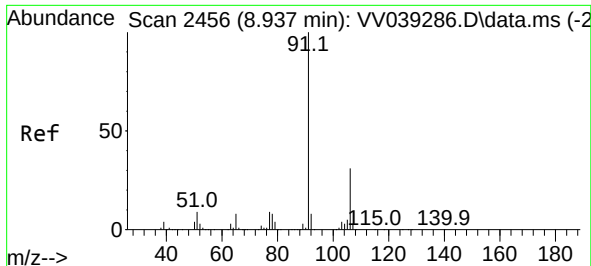
Tgt Ion:112 Resp: 1051822
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.384 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:131 Resp: 382514
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.5 32.7 98.1





#67

Ethyl Benzene

Concen: 54.557 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

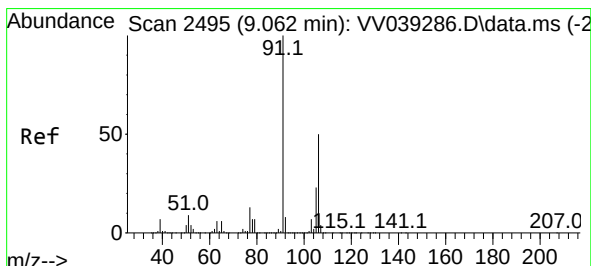
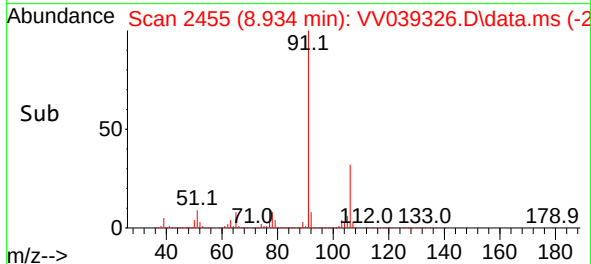
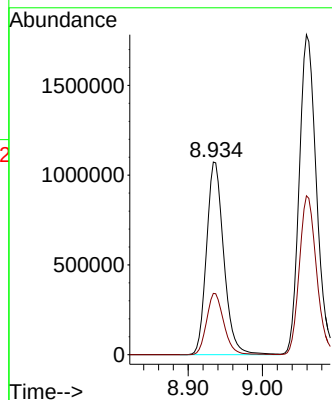
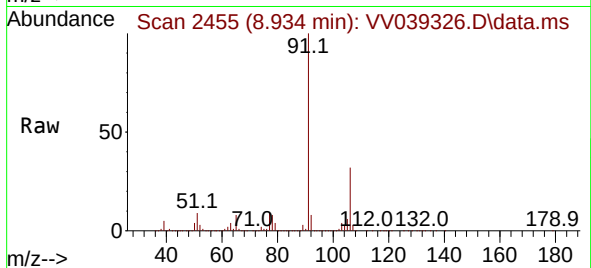
ClientSampleId :

Tgt Ion: 91 Resp: 1731964

Ion Ratio Lower Upper

91 100

106 31.8 24.6 37.0



#68

m/p-Xylenes

Concen: 113.421 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV039326.D

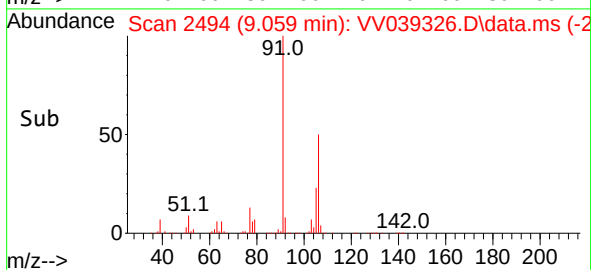
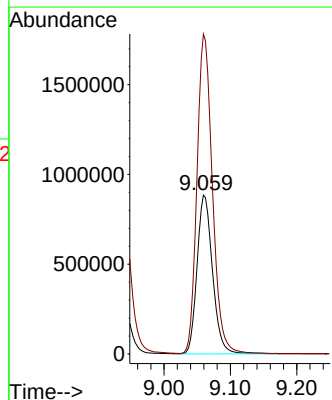
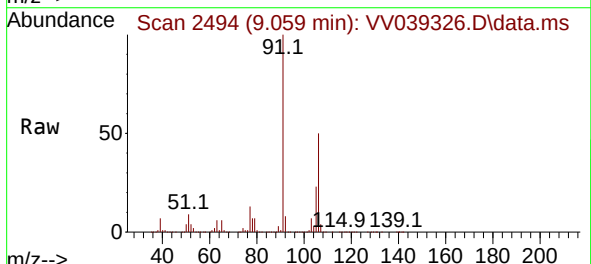
Acq: 04 Nov 2025 19:39

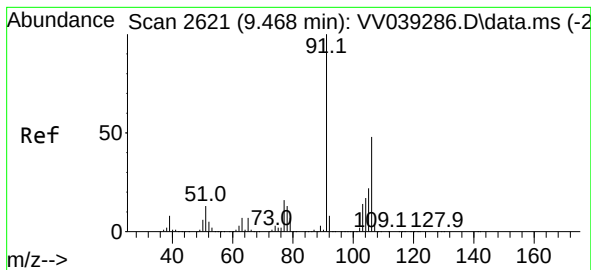
Tgt Ion:106 Resp: 1428090

Ion Ratio Lower Upper

106 100

91 201.3 160.2 240.2





#69

o-Xylene

Concen: 56.287 ug/l

RT: 9.468 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

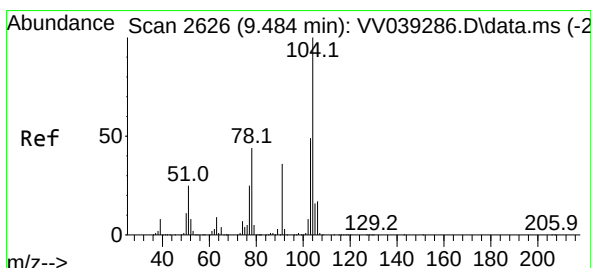
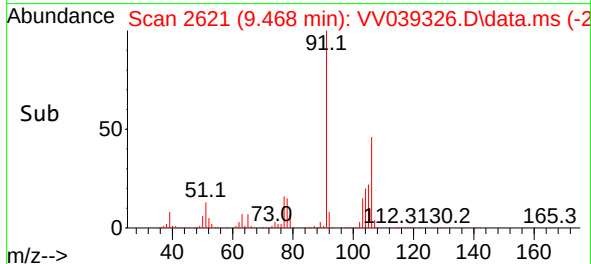
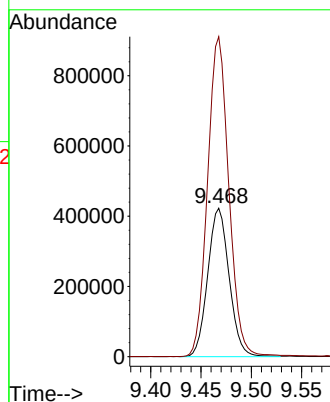
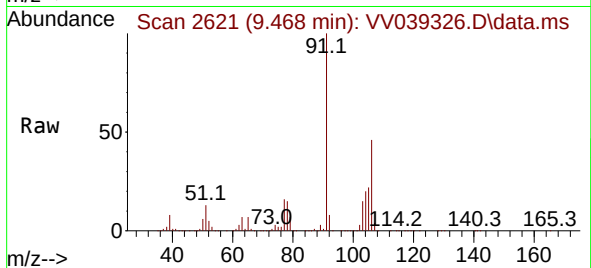
ClientSampleId :

Tgt Ion:106 Resp: 625864

Ion Ratio Lower Upper

106 100

91 214.8 105.8 317.3



#70

Styrene

Concen: 60.196 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

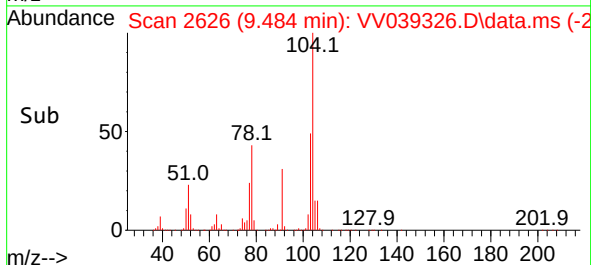
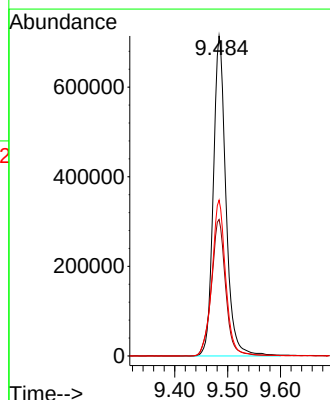
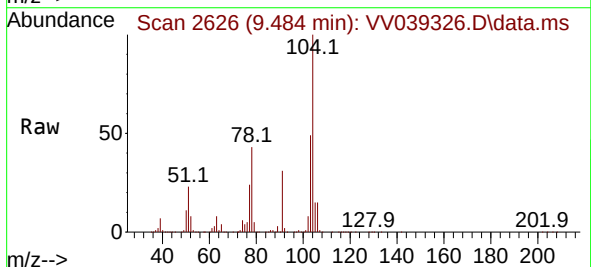
Tgt Ion:104 Resp: 1190961

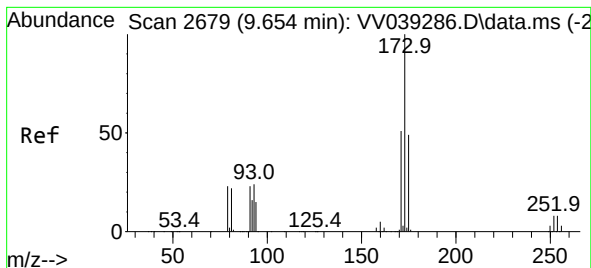
Ion Ratio Lower Upper

104 100

78 47.7 38.9 58.3

103 52.8 42.9 64.3





#71

Bromoform

Concen: 48.357 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

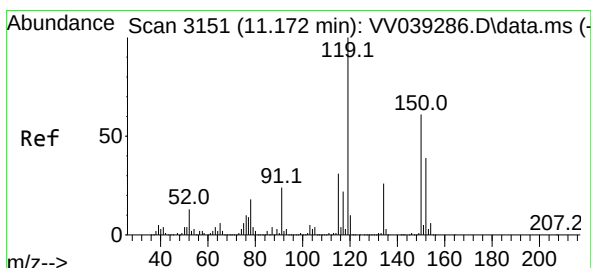
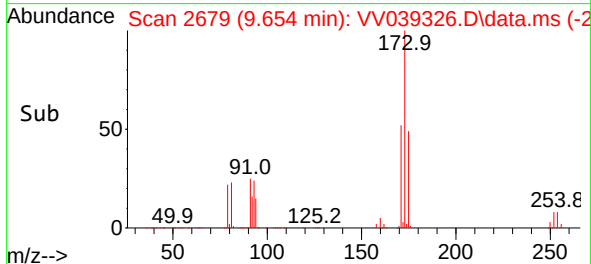
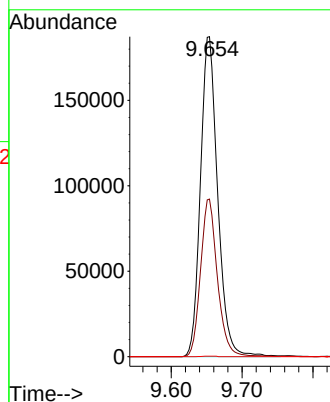
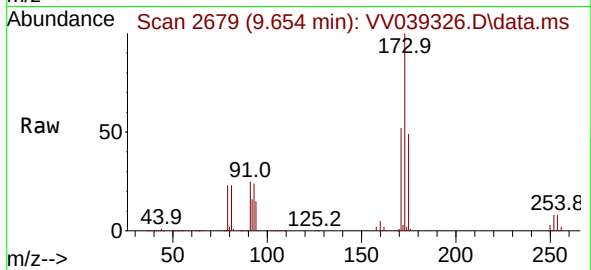
Tgt Ion:173 Resp: 315692

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

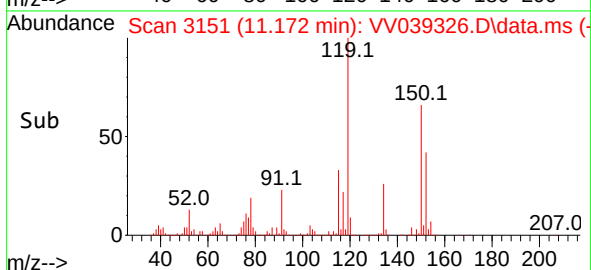
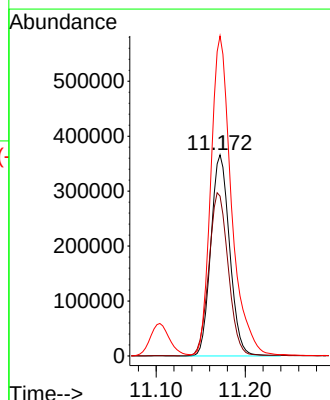
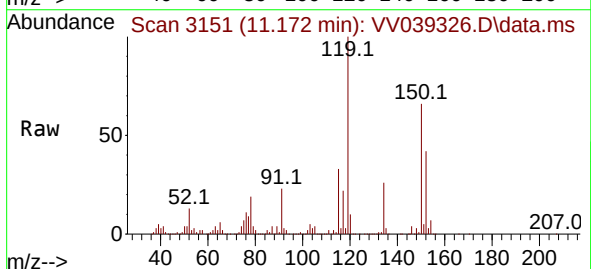
Tgt Ion:152 Resp: 535660

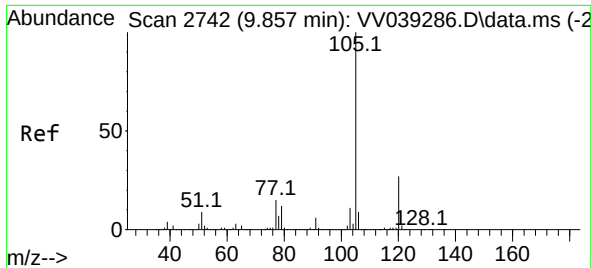
Ion Ratio Lower Upper

152 100

115 83.5 42.3 126.8

150 174.9 0.0 348.0

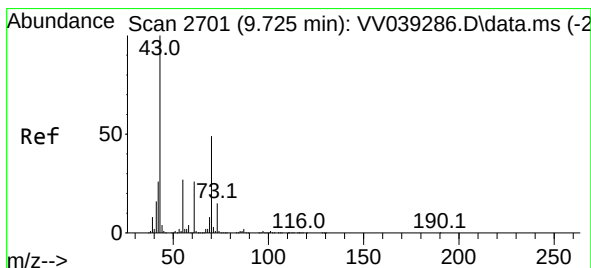
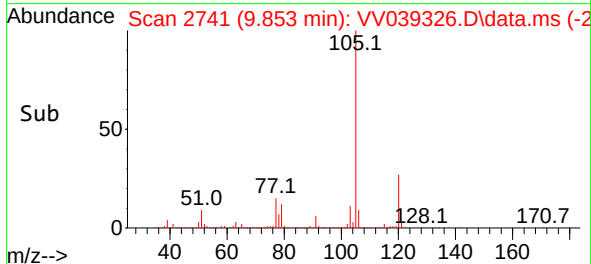
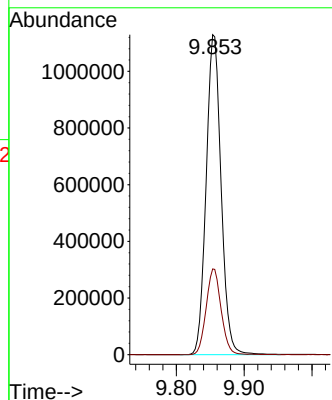
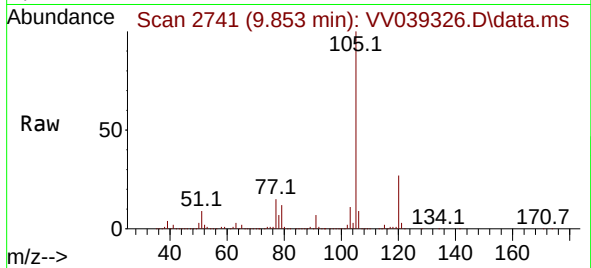




#73
Isopropylbenzene
Concen: 53.073 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

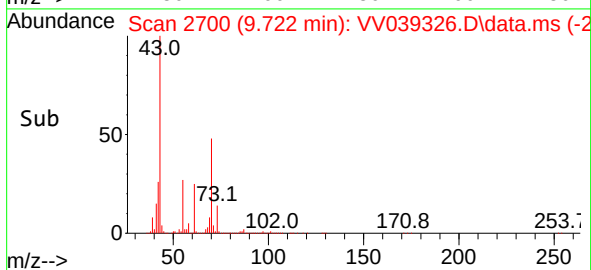
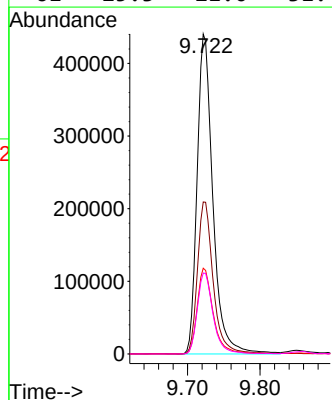
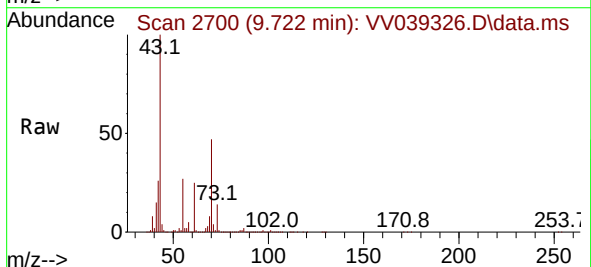
Instrument :
MSVOA_V
ClientSampleId :

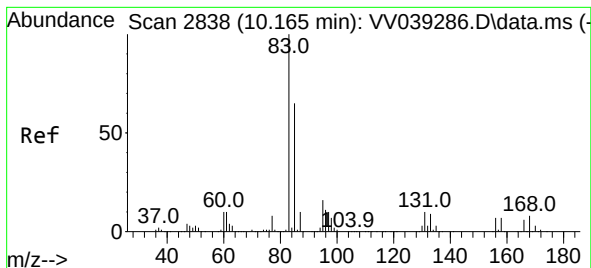
Tgt Ion:105 Resp: 1726356
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



#74
N-ethyl acetate
Concen: 49.631 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 43 Resp: 665207
Ion Ratio Lower Upper
43 100
70 47.6 38.6 58.0
55 27.1 21.9 32.9
61 25.3 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 41.820 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

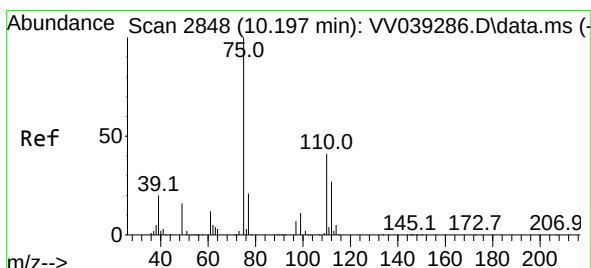
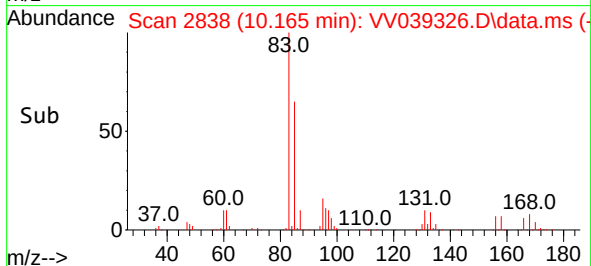
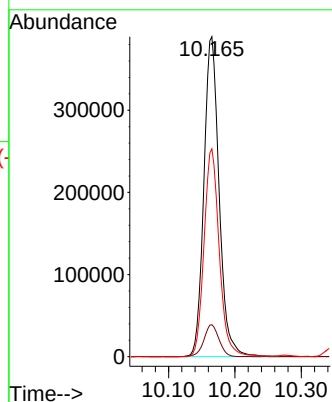
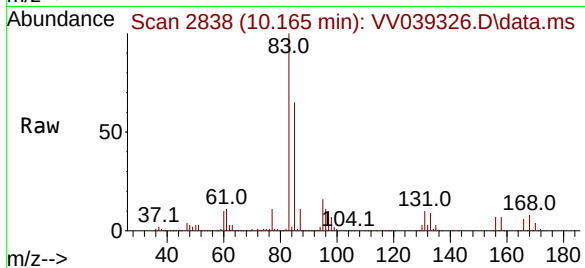
Tgt Ion: 83 Resp: 624696

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 44.108 ug/l

RT: 10.194 min Scan# 2847

Delta R.T. -0.003 min

Lab File: VV039326.D

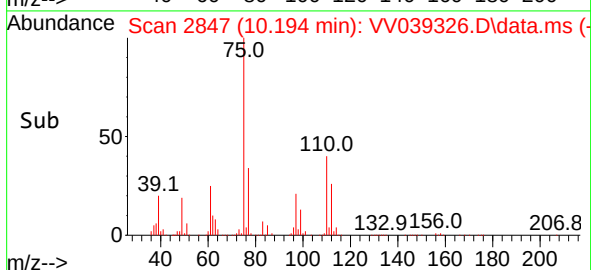
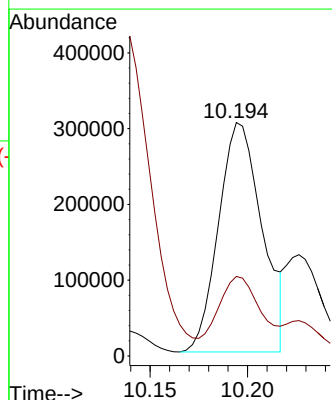
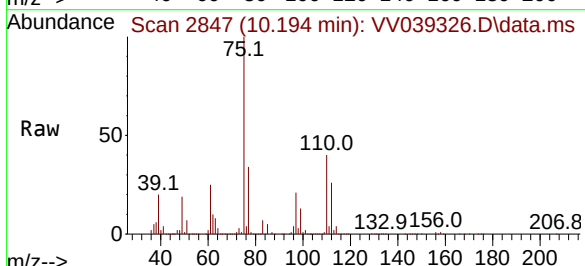
Acq: 04 Nov 2025 19:39

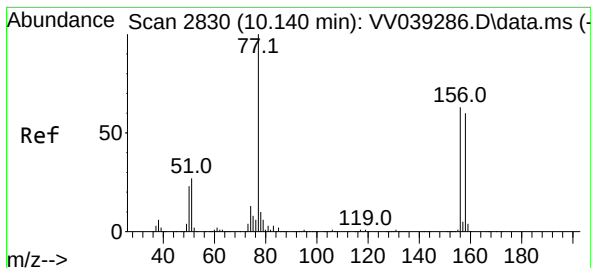
Tgt Ion: 75 Resp: 471564

Ion Ratio Lower Upper

75 100

77 23.1 12.2 36.4





#77

Bromobenzene

Concen: 49.456 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

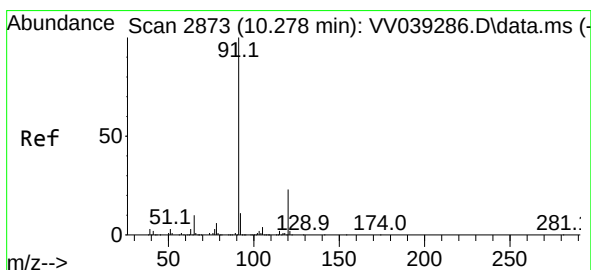
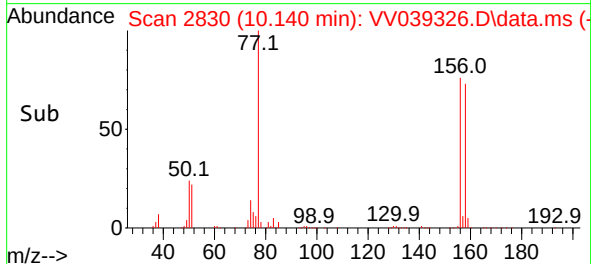
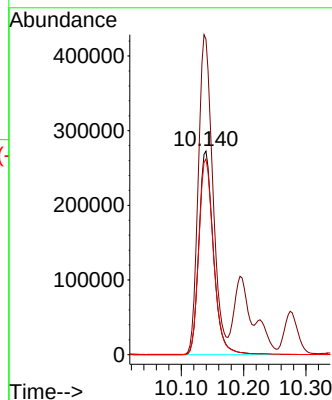
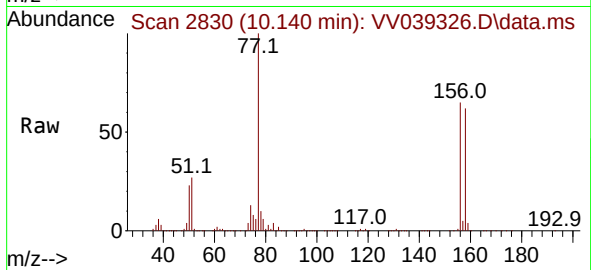
Tgt Ion:156 Resp: 442236

Ion Ratio Lower Upper

156 100

77 156.0 78.4 235.2

158 97.4 47.7 143.1



#78

n-propylbenzene

Concen: 53.465 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.003 min

Lab File: VV039326.D

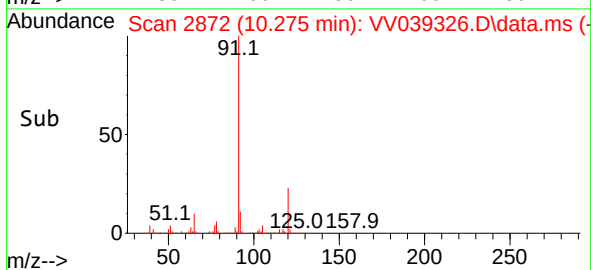
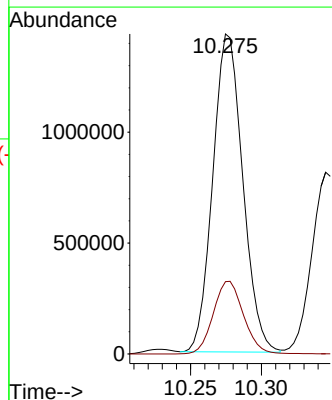
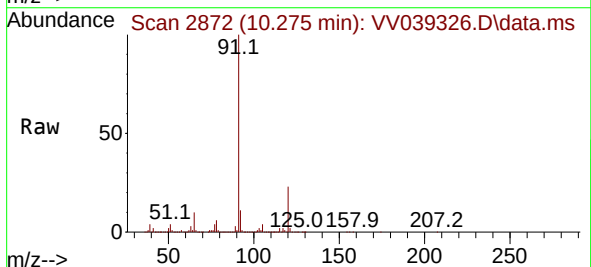
Acq: 04 Nov 2025 19:39

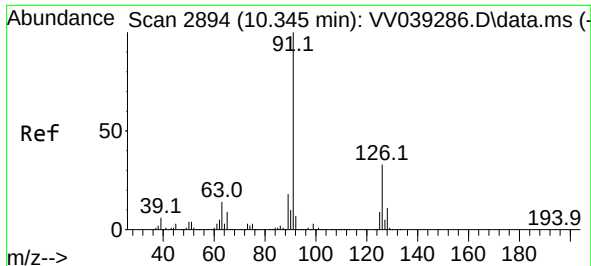
Tgt Ion: 91 Resp: 2110200

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

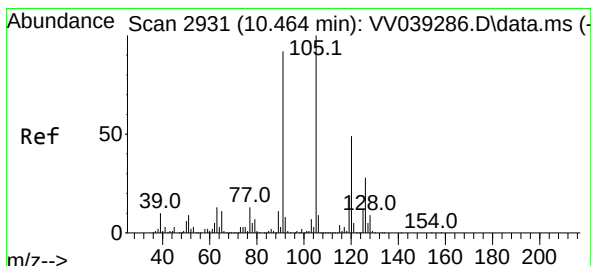
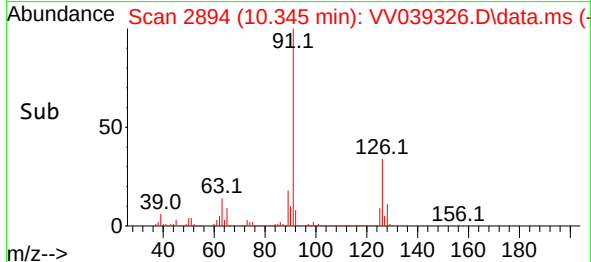
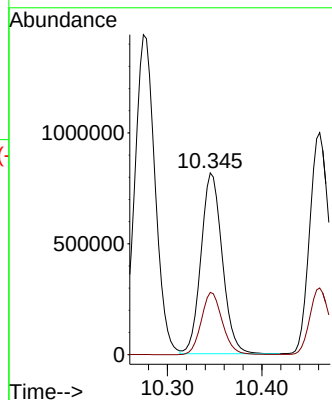
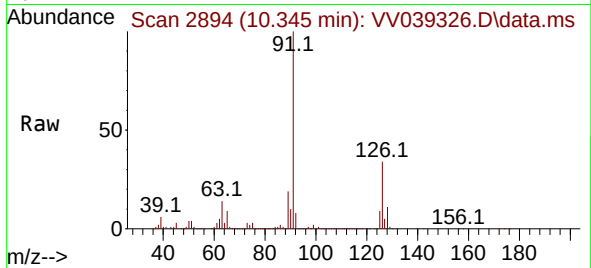




#79
2-Chlorotoluene
Concen: 52.065 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

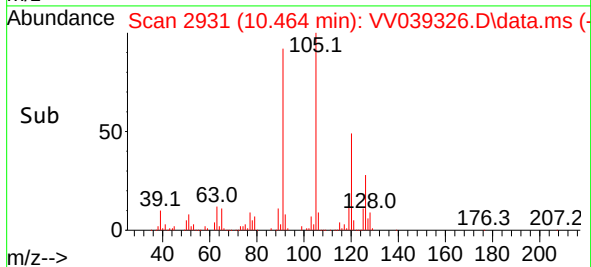
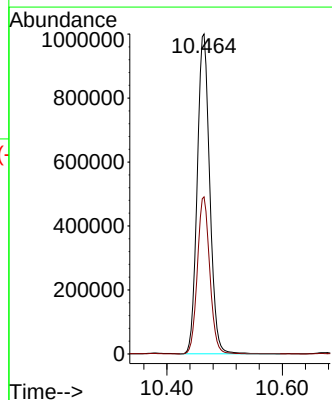
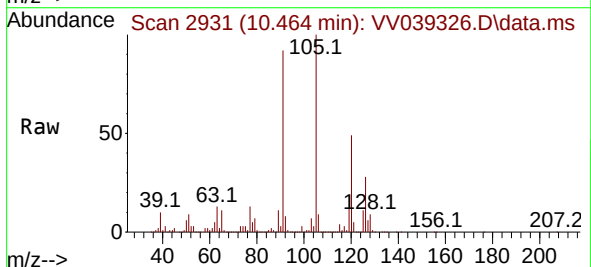
Instrument :
MSVOA_V
ClientSampleId :

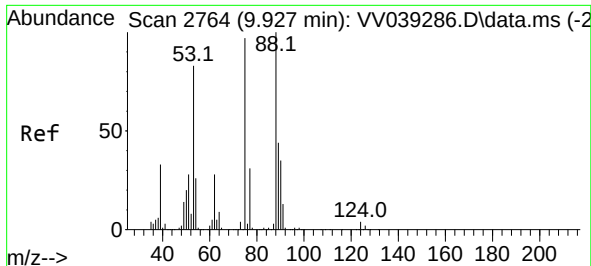
Tgt Ion: 91 Resp: 1268728
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.066 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 105 Resp: 1502249
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0

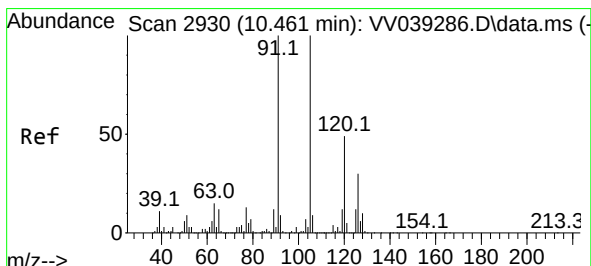
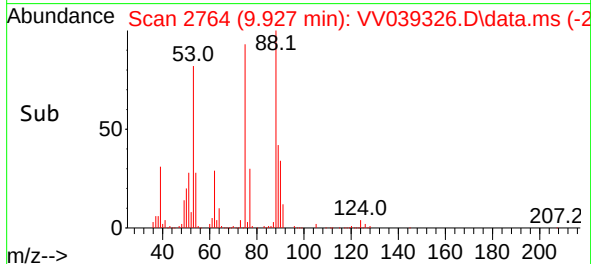
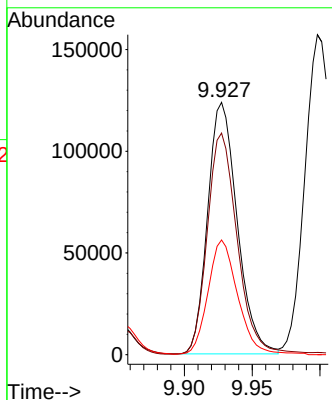
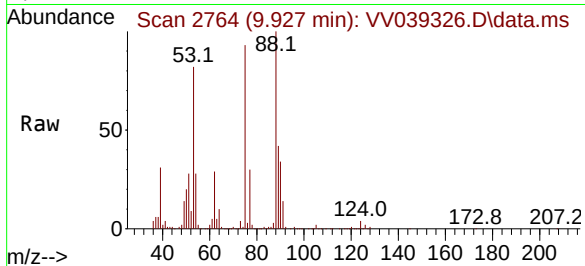




#81
trans-1,4-Dichloro-2-butene
Concen: 44.378 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

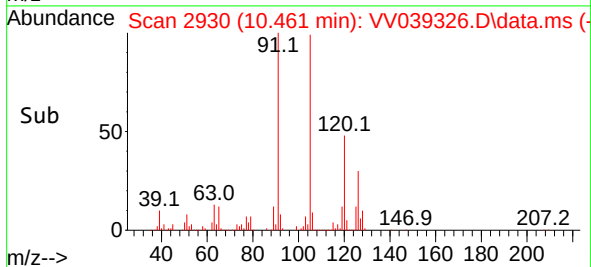
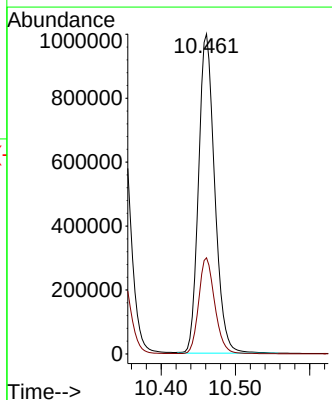
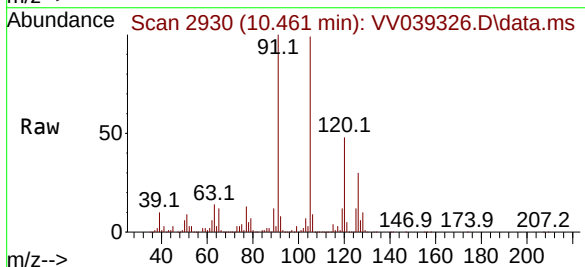
Instrument :
MSVOA_V
ClientSampleId :

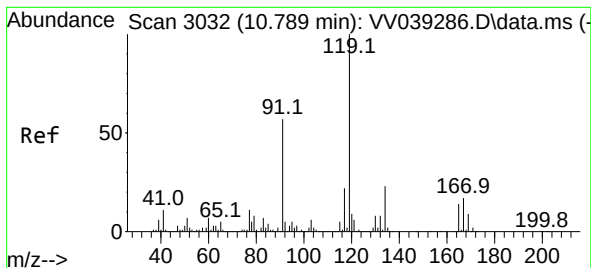
Tgt Ion: 75 Resp: 187864
Ion Ratio Lower Upper
75 100
53 89.3 69.9 104.9
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.875 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion: 91 Resp: 1508975
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.253 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

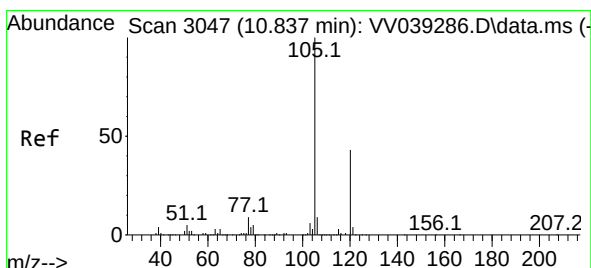
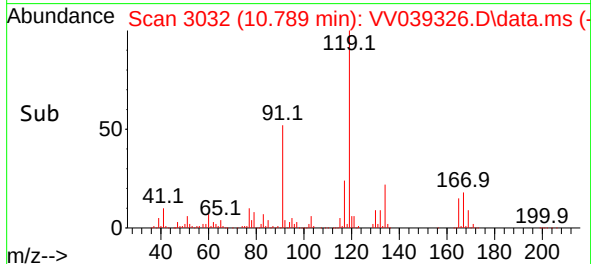
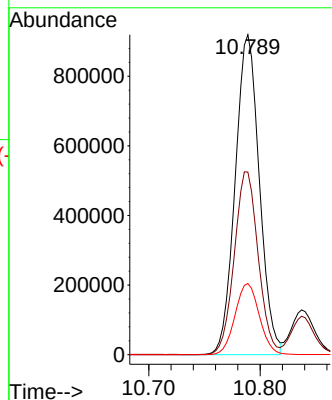
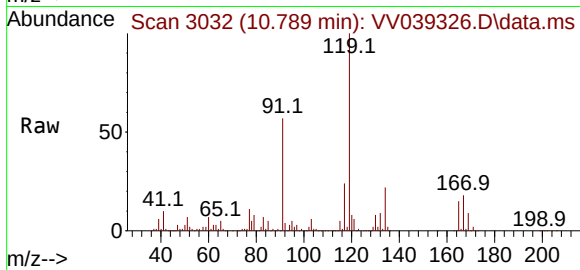
Tgt Ion:119 Resp: 1388375

Ion Ratio Lower Upper

119 100

91 56.7 28.2 84.7

134 22.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.497 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039326.D

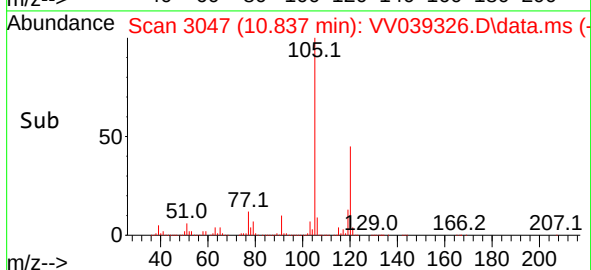
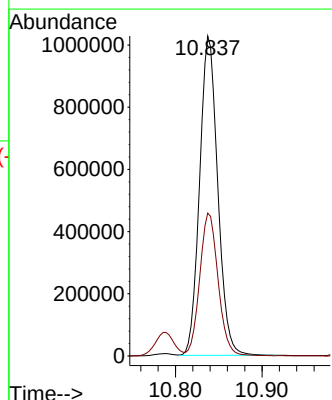
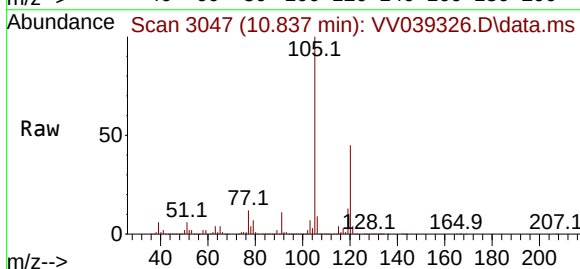
Acq: 04 Nov 2025 19:39

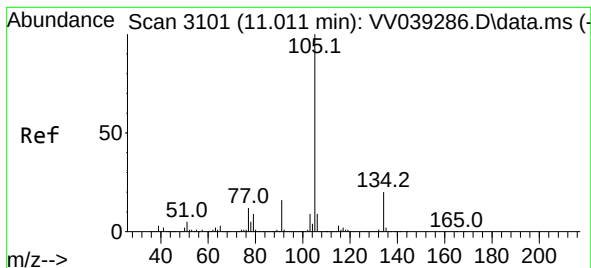
Tgt Ion:105 Resp: 1490441

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 52.997 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

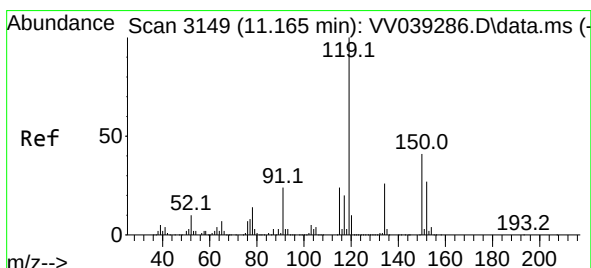
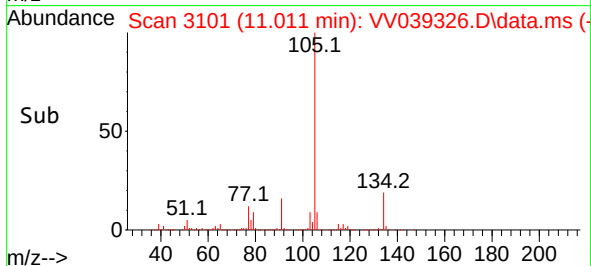
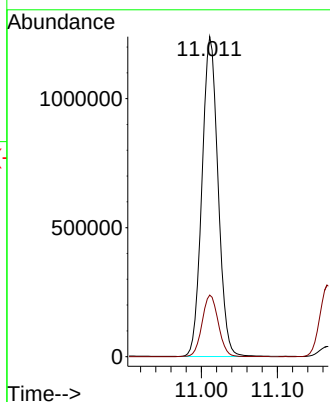
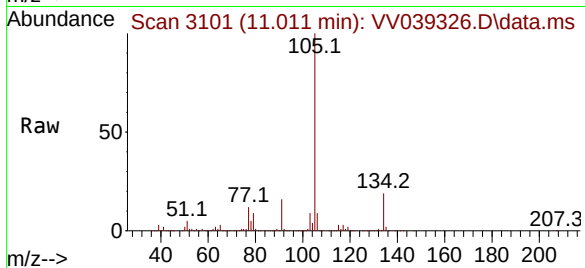
ClientSampleId :

Tgt Ion:105 Resp: 1815144

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.383 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

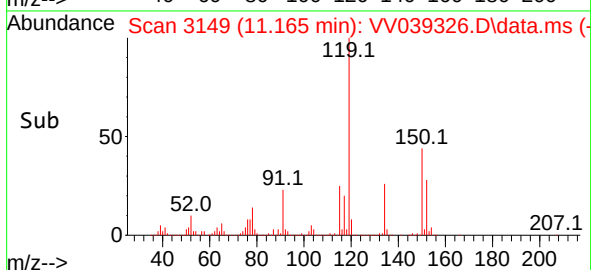
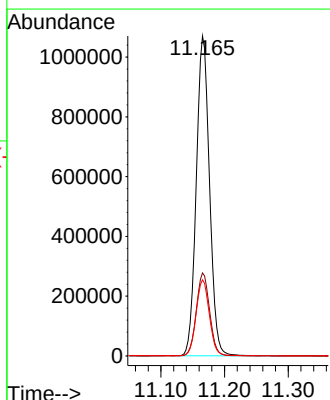
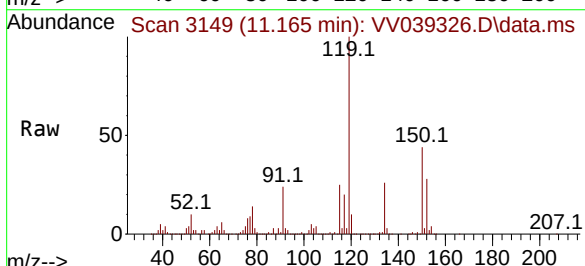
Tgt Ion:119 Resp: 1542595

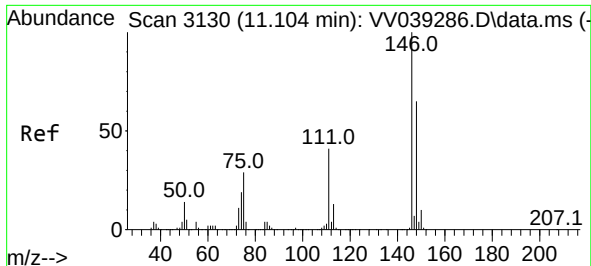
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.7 12.2 36.4

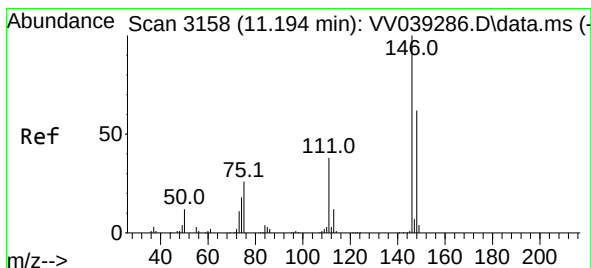
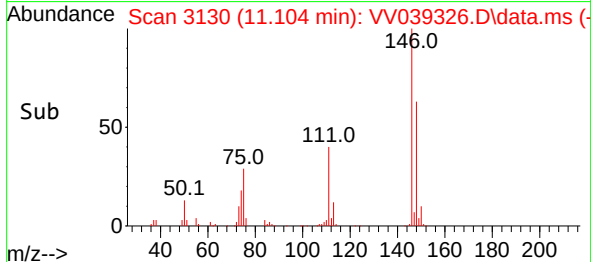
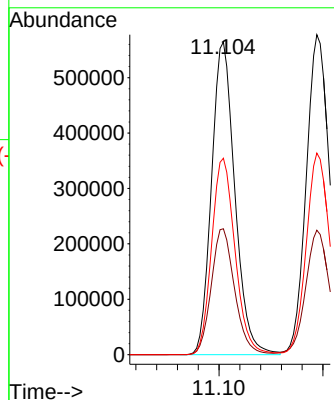
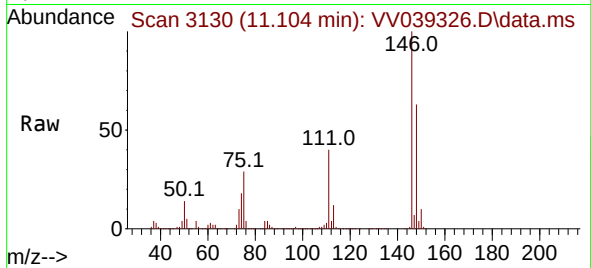




#87
1,3-Dichlorobenzene
Concen: 49.296 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

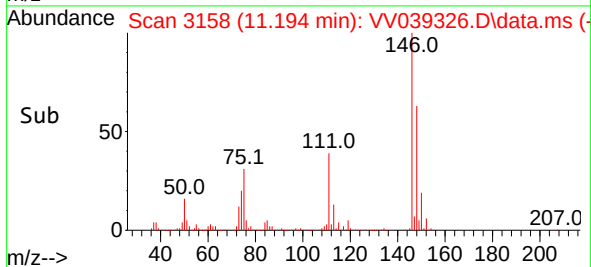
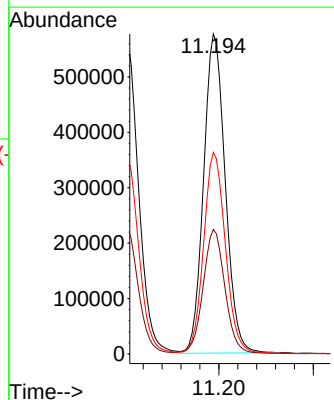
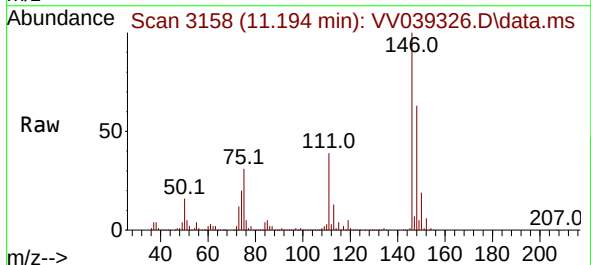
Instrument :
MSVOA_V
ClientSampleId :

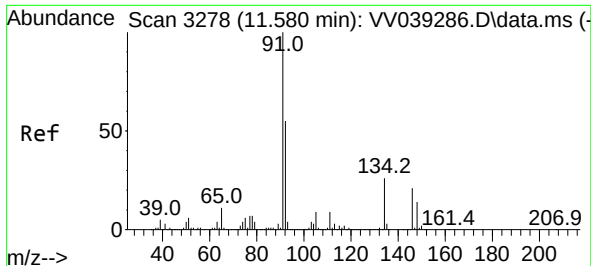
Tgt Ion:146 Resp: 879226
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 63.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 45.868 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VV039326.D
Acq: 04 Nov 2025 19:39

Tgt Ion:146 Resp: 915557
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 52.296 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

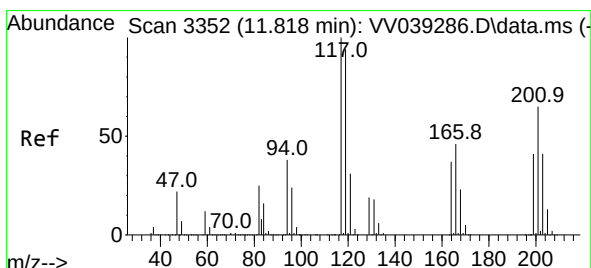
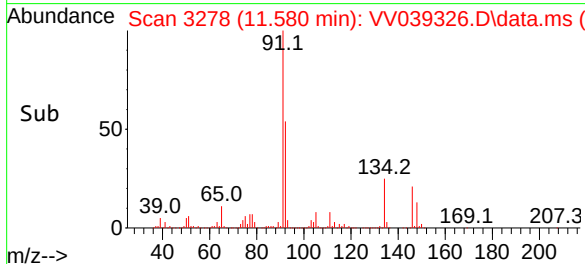
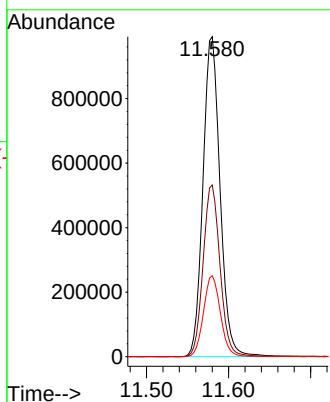
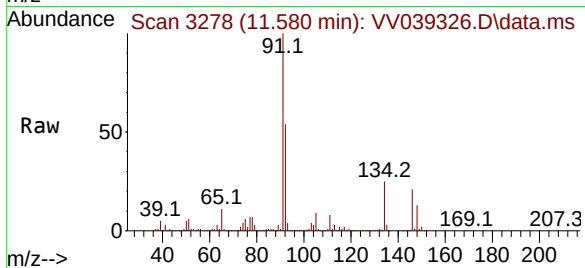
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91 Resp: 1434160

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.6
134	25.2	12.6	37.8



#90

Hexachloroethane

Concen: 41.397 ug/l

RT: 11.818 min Scan# 3352

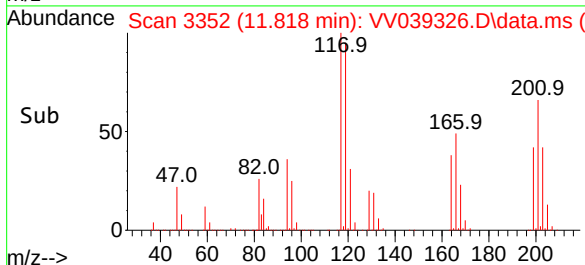
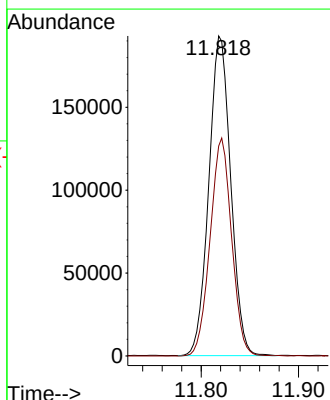
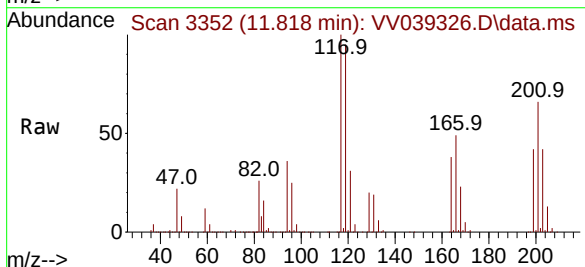
Delta R.T. -0.000 min

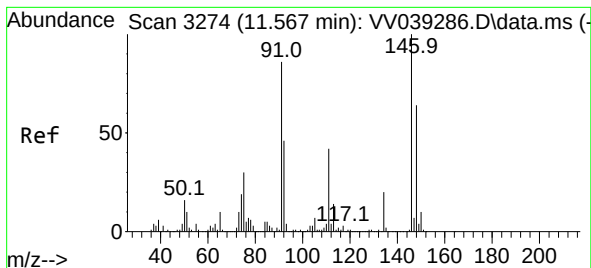
Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Tgt Ion: 117 Resp: 301440

Ion	Ratio	Lower	Upper
117	100		
201	66.8	33.7	101.1





#91

1,2-Dichlorobenzene

Concen: 48.572 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

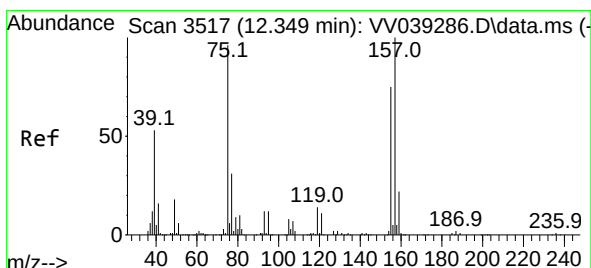
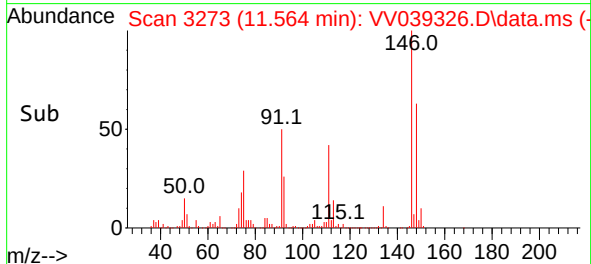
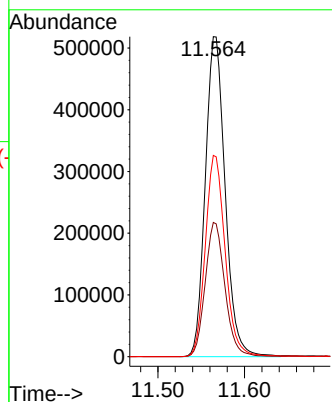
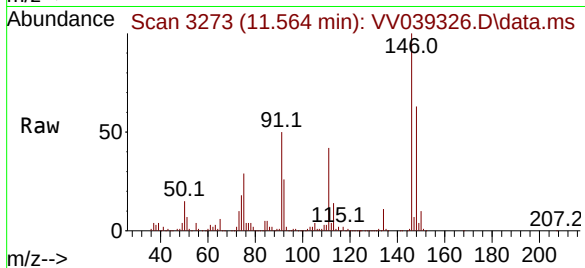
Tgt Ion:146 Resp: 824088

Ion Ratio Lower Upper

146 100

111 41.8 21.3 64.0

148 63.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.911 ug/l

RT: 12.348 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

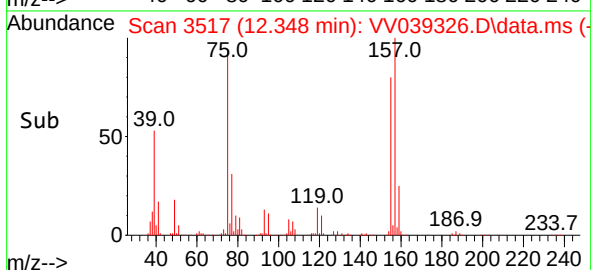
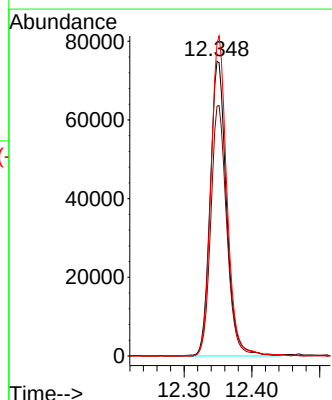
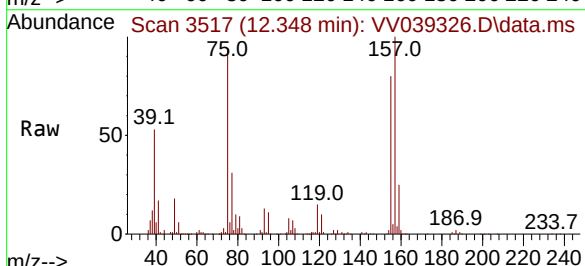
Tgt Ion: 75 Resp: 125658

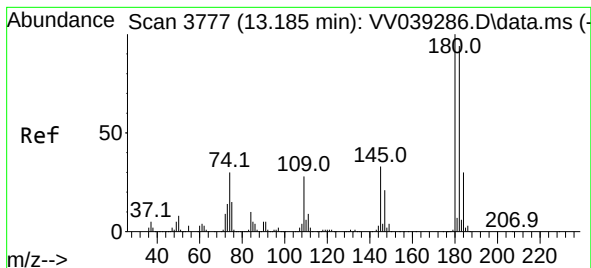
Ion Ratio Lower Upper

75 100

155 83.1 40.8 122.5

157 105.8 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 50.485 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

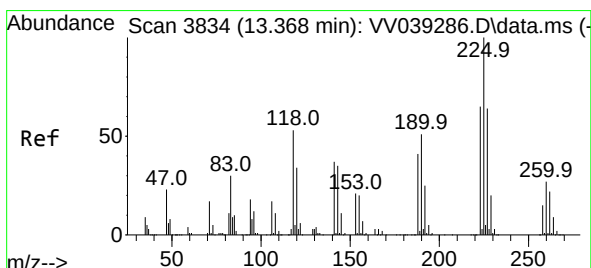
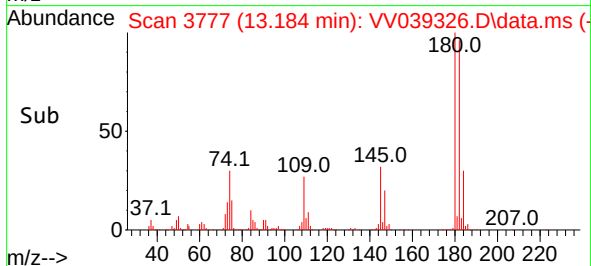
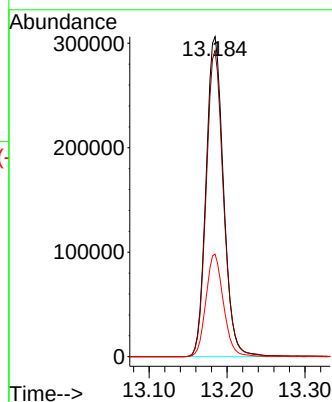
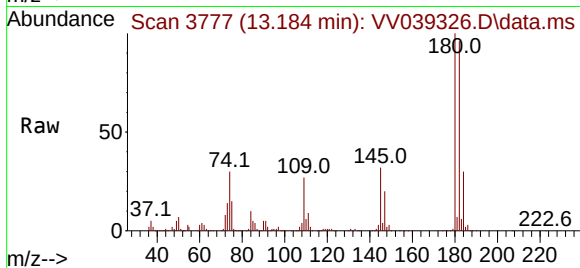
Tgt Ion:180 Resp: 477712

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.2 16.3 48.9



#94

Hexachlorobutadiene

Concen: 40.669 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

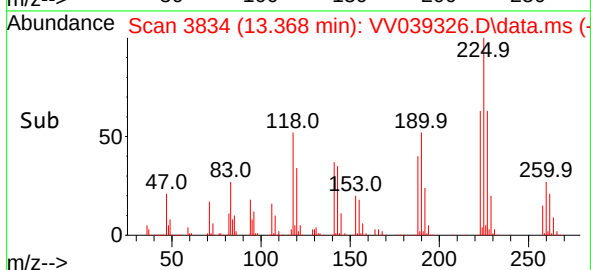
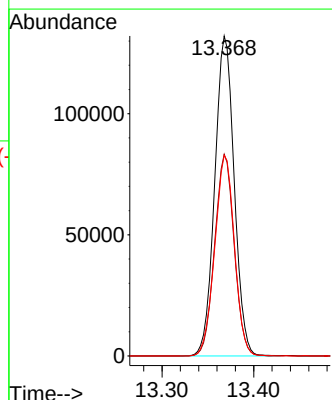
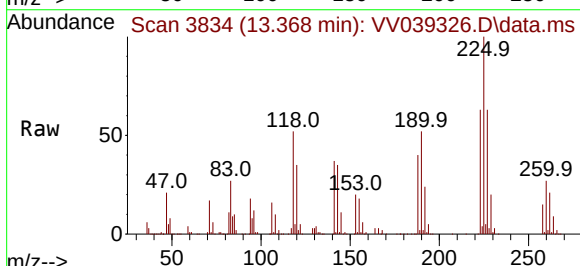
Tgt Ion:225 Resp: 194864

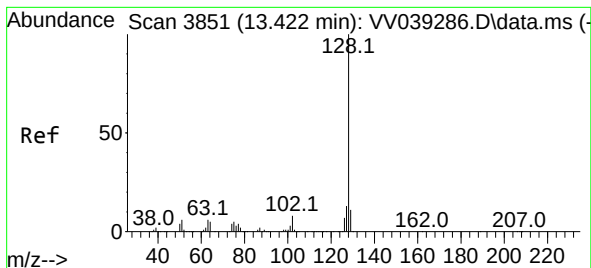
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 63.3 31.7 95.1





#95

Naphthalene

Concen: 52.415 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Instrument :

MSVOA_V

ClientSampleId :

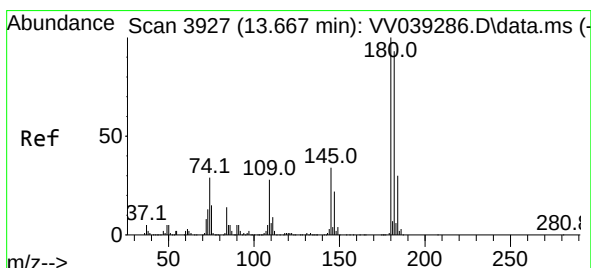
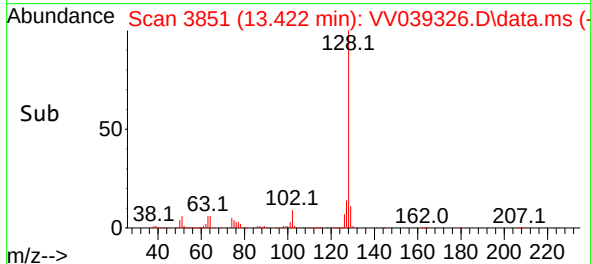
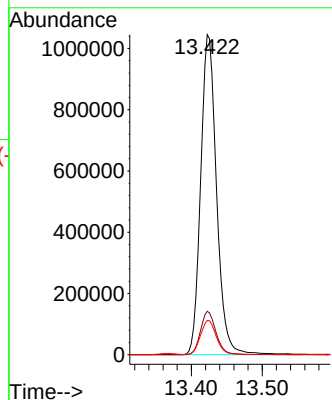
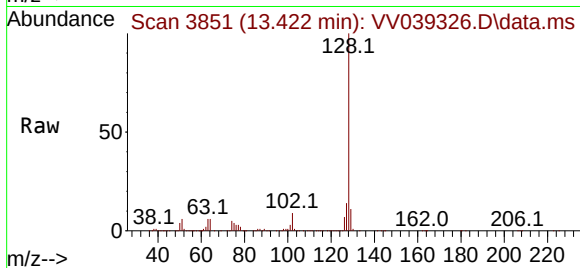
Tgt Ion:128 Resp: 1624968

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.990 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039326.D

Acq: 04 Nov 2025 19:39

Tgt Ion:180 Resp: 491637

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 34.0 17.2 51.5

