

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039240.D
 Acq On : 29 Sep 2025 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:31:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	588003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	900266	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	866177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	543818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	367351	43.166	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	86.340%
35) Dibromofluoromethane	4.500	113	365150	50.453	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.900%
50) Toluene-d8	7.236	98	1035679	48.723	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	10.001	95	490511	56.054	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	112.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	360835	38.766	ug/l	99
3) Chloromethane	1.227	50	379522	37.981	ug/l	100
4) Vinyl Chloride	1.294	62	426368	39.857	ug/l	99
5) Bromomethane	1.494	94	276548	41.008	ug/l	98
6) Chloroethane	1.558	64	276365	43.431	ug/l	98
7) Trichlorofluoromethane	1.725	101	661311	42.698	ug/l	99
8) Diethyl Ether	1.918	74	246769	42.919	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	395880	42.958	ug/l	97
10) Methyl Iodide	2.198	142	451897	51.493	ug/l	99
11) Tert butyl alcohol	2.571	59	401307	223.116	ug/l	98
12) 1,1-Dichloroethene	2.082	96	378457	42.689	ug/l	92
13) Acrolein	2.008	56	55846	178.935	ug/l	97
14) Allyl chloride	2.355	41	640477	40.443	ug/l	96
15) Acrylonitrile	2.674	53	1218525	211.335	ug/l	98
16) Acetone	2.118	43	961682	178.292	ug/l	98
17) Carbon Disulfide	2.253	76	1006796	37.133	ug/l	99
18) Methyl Acetate	2.378	43	603055	47.827	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1254836	44.418	ug/l	100
20) Methylene Chloride	2.455	84	437203	47.362	ug/l	92
21) trans-1,2-Dichloroethene	2.700	96	401387	42.529	ug/l	95
22) Diisopropyl ether	3.217	45	1268867	41.878	ug/l	98
23) Vinyl Acetate	3.188	43	5485185	206.945	ug/l	97
24) 1,1-Dichloroethane	3.118	63	748517	40.397	ug/l	98
25) 2-Butanone	3.867	43	1429691	209.796	ug/l	97
26) 2,2-Dichloropropane	3.812	77	558625	34.002	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	450788	43.307	ug/l	95
28) Bromochloromethane	4.146	49	348712	42.630	ug/l	90
29) Tetrahydrofuran	4.236	42	948151	222.285	ug/l	95
30) Chloroform	4.278	83	785627	40.605	ug/l	100
31) Cyclohexane	4.584	56	565338	37.246	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	685653	40.933	ug/l	98
36) 1,1-Dichloropropene	4.744	75	491719	44.938	ug/l	99
37) Ethyl Acetate	3.979	43	562043	42.330	ug/l	96
38) Carbon Tetrachloride	4.735	117	584016	43.671	ug/l	99
39) Methylcyclohexane	6.047	83	575745	43.570	ug/l	99
40) Benzene	5.008	78	1618097	45.412	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	266048	44.534	ug/l	97
42) 1,2-Dichloroethane	5.040	62	537982	43.090	ug/l	99
43) Isopropyl Acetate	5.195	43	848888	46.890	ug/l	98
44) Trichloroethene	5.831	130	391062	47.562	ug/l	99
45) 1,2-Dichloropropane	6.088	63	404855	45.712	ug/l	97
46) Dibromomethane	6.223	93	312602	46.116	ug/l	94
47) Bromodichloromethane	6.426	83	633297	45.191	ug/l	97
48) Methyl methacrylate	6.297	41	397638	48.454	ug/l	96
49) 1,4-Dioxane	6.291	88	124995	943.826	ug/l	100
51) 4-Methyl-2-Pentanone	7.150	43	2996905	251.628	ug/l	97
52) Toluene	7.307	92	1021553	49.447	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	593107	48.565	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	651440	48.318	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	439648	47.461	ug/l	96
56) Ethyl methacrylate	7.715	69	598387	54.394	ug/l	95
57) 1,3-Dichloropropane	7.934	76	683754	46.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1245486	202.413	ug/l	97
59) 2-Hexanone	8.063	43	2223832	231.492	ug/l	97
60) Dibromochloromethane	8.166	129	506852	48.019	ug/l	97
61) 1,2-Dibromoethane	8.272	107	462516	48.822	ug/l	99
64) Tetrachloroethene	7.895	164	348240	48.000	ug/l	99
65) Chlorobenzene	8.802	112	1132376	46.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	416105	47.731	ug/l	99
67) Ethyl Benzene	8.937	91	1856667	50.838	ug/l	100
68) m/p-Xylenes	9.063	106	1520585	107.875	ug/l	99
69) o-Xylene	9.468	106	674798	54.066	ug/l	99
70) Styrene	9.484	104	1279362	48.430	ug/l	99
71) Bromoform	9.654	173	354063	51.995	ug/l #	99
73) Isopropylbenzene	9.857	105	1848710	46.870	ug/l	99
74) N-amyl acetate	9.725	43	773873	49.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	703973	40.734	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	530357	42.833	ug/l	98
77) Bromobenzene	10.140	156	481573	47.059	ug/l	93
78) n-propylbenzene	10.278	91	2238148	46.597	ug/l	98
79) 2-Chlorotoluene	10.346	91	1357873	47.245	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1582851	48.280	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	227792	44.166	ug/l	99
82) 4-Chlorotoluene	10.461	91	1620440	48.622	ug/l	98
83) tert-Butylbenzene	10.789	119	1505420	46.049	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1603654	50.384	ug/l	99
85) sec-Butylbenzene	11.011	105	1949858	44.968	ug/l	98
86) p-Isopropyltoluene	11.165	119	1659546	45.984	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	933520	45.074	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	984844	43.343	ug/l	98
89) n-Butylbenzene	11.580	91	1556647	45.163	ug/l	99
90) Hexachloroethane	11.818	117	334589	37.648	ug/l	94
91) 1,2-Dichlorobenzene	11.567	146	880915	45.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	149548	48.180	ug/l	93
93) 1,2,4-Trichlorobenzene	13.185	180	528187	47.619	ug/l	99
94) Hexachlorobutadiene	13.368	225	211786	36.746	ug/l	99
95) Naphthalene	13.423	128	1922063	53.612	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	544724	48.016	ug/l	99

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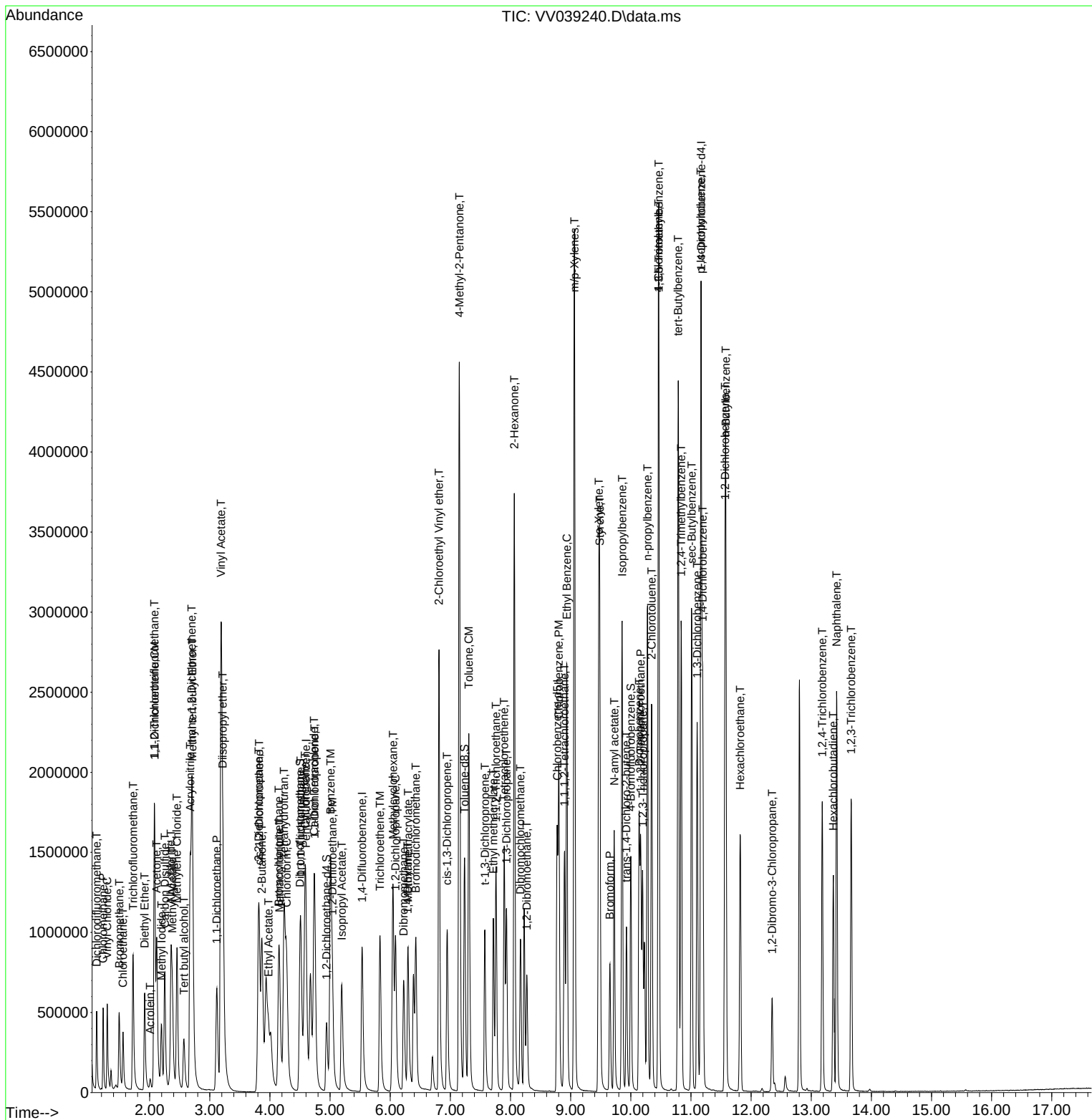
Instrument :
MSVOA_V
ClientSampleId :

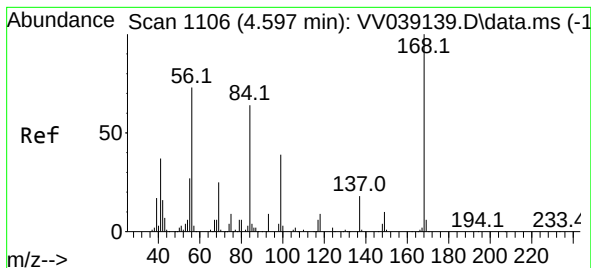
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039240.D

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MSVOA_V

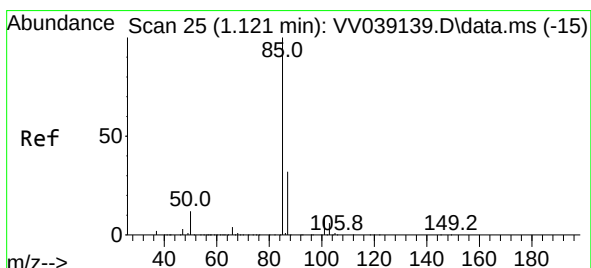
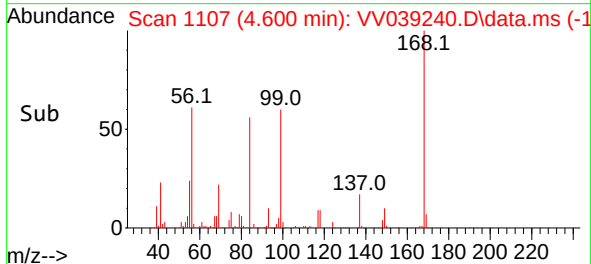
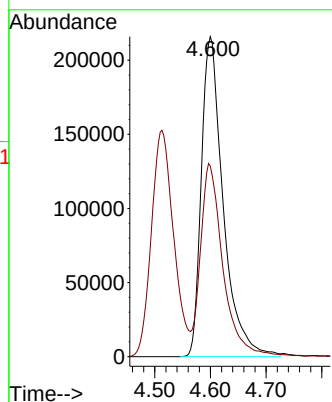
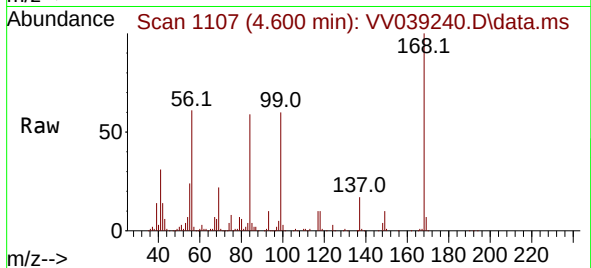
ClientSampleId :

Tgt Ion:168 Resp: 588003

Ion Ratio Lower Upper

168 100

99 58.9 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 38.766 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039240.D

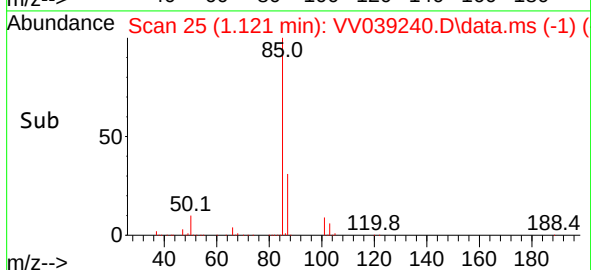
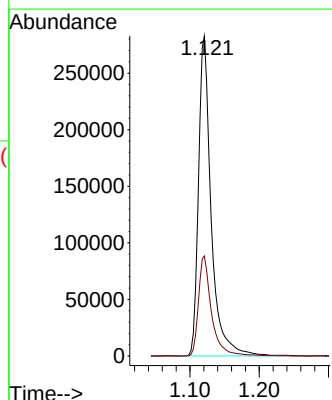
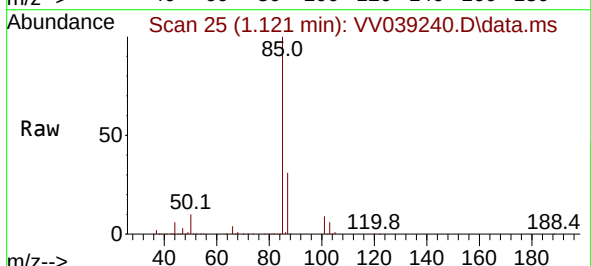
Acq: 29 Sep 2025 18:23

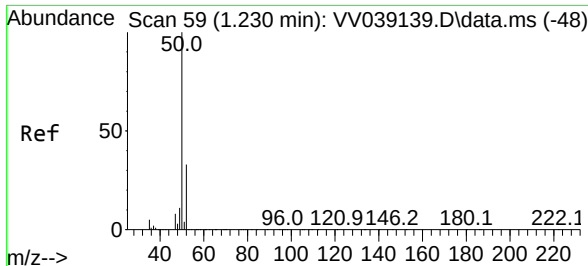
Tgt Ion: 85 Resp: 360835

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9

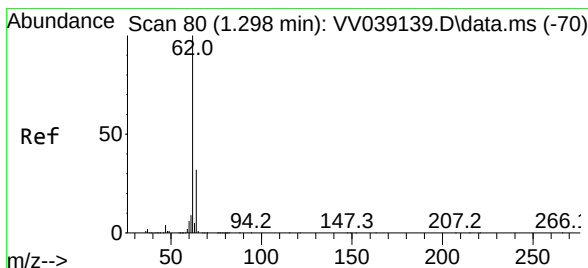
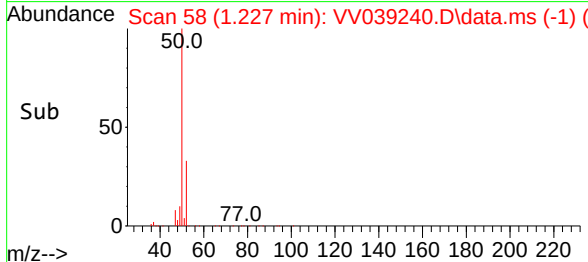
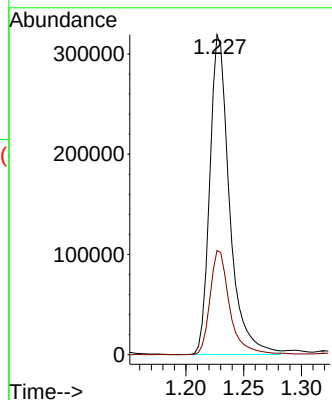
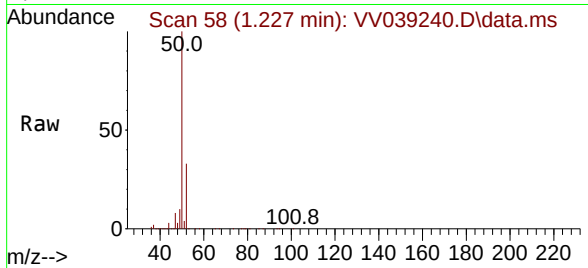




#3
Chloromethane
Concen: 37.981 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

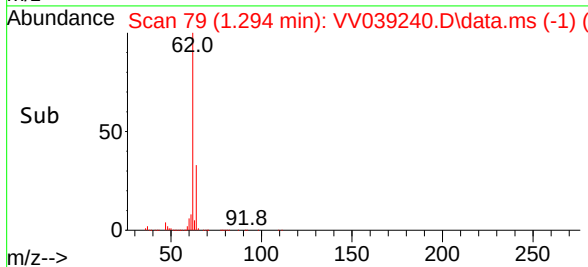
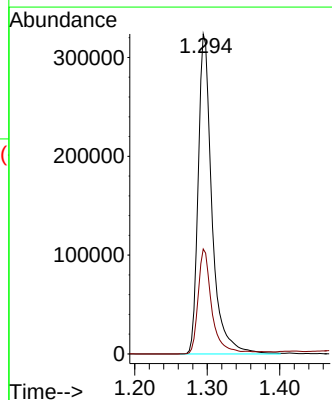
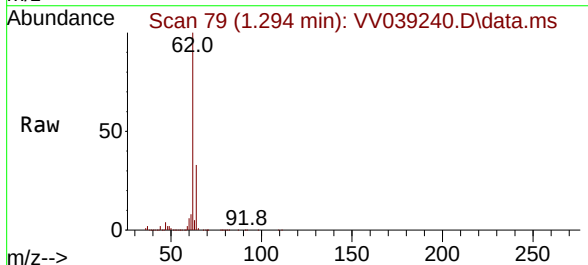
Instrument :
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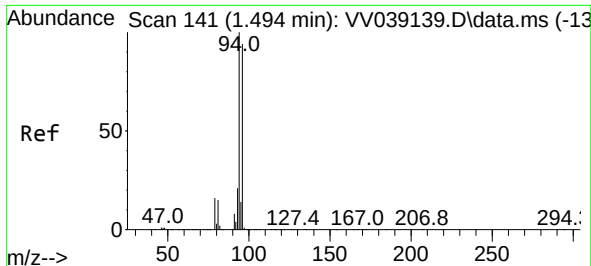
Tgt Ion: 50 Resp: 379522
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 39.857 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 62 Resp: 426368
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

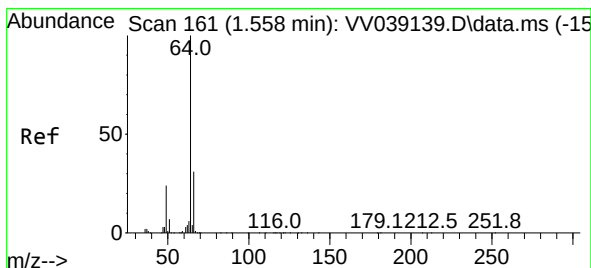
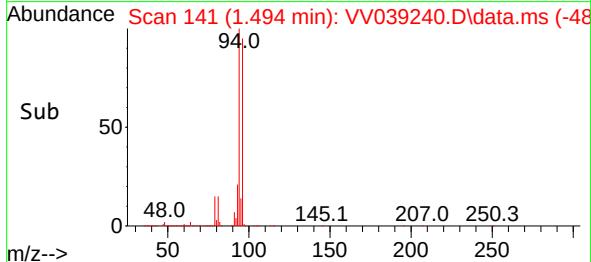
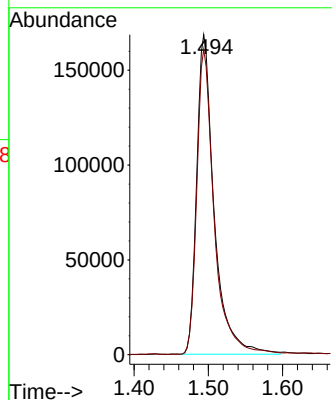
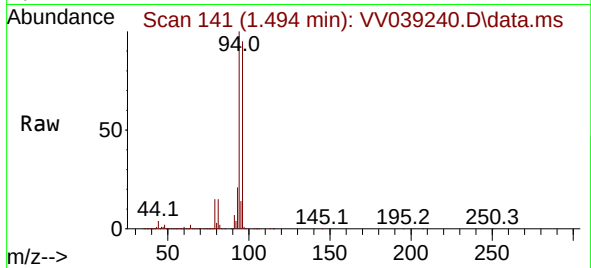




#5
Bromomethane
Concen: 41.008 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

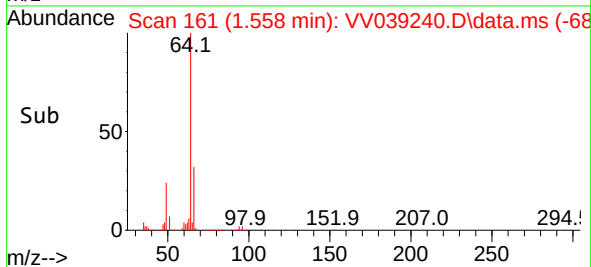
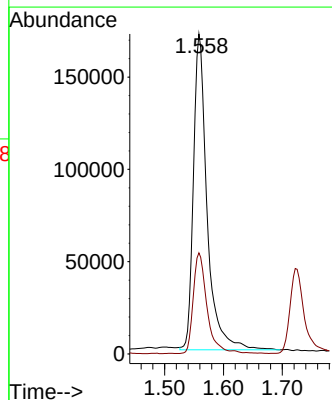
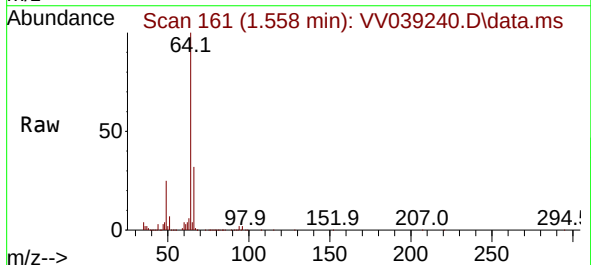
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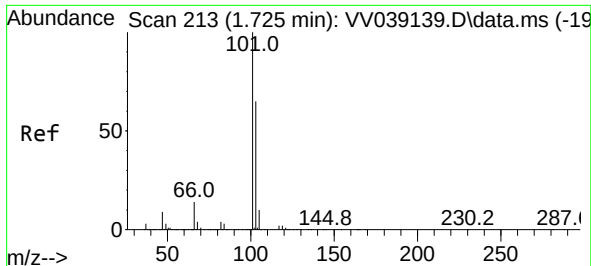
Tgt Ion: 94 Resp: 276548
Ion Ratio Lower Upper
94 100
96 95.5 74.9 112.3



#6
Chloroethane
Concen: 43.431 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 64 Resp: 276365
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8

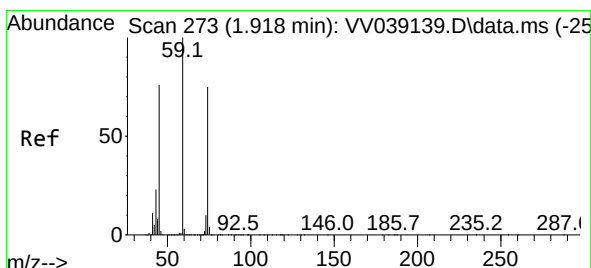
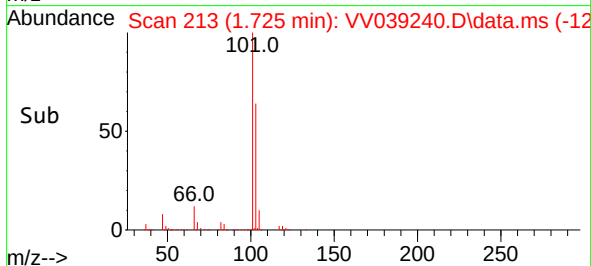
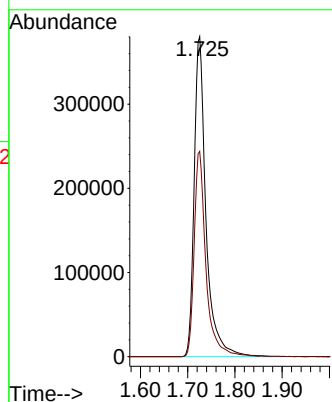
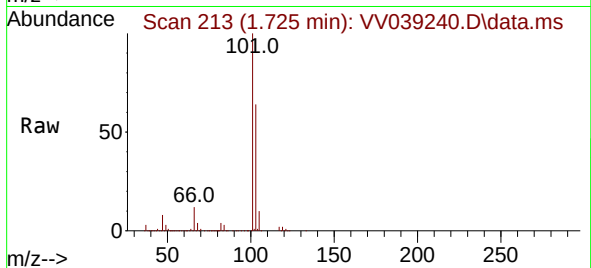




#7
 Trichlorofluoromethane
 Concen: 42.698 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

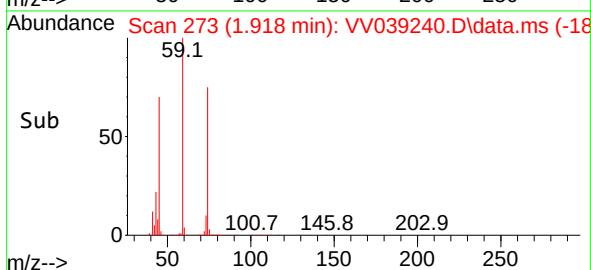
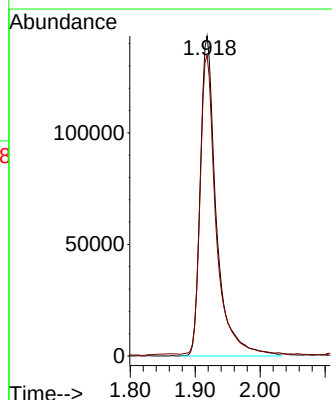
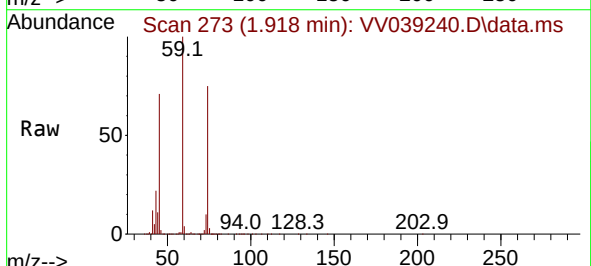
Instrument :
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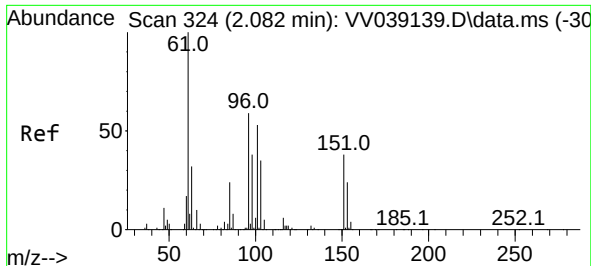
Tgt Ion:101 Resp: 661311
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 42.919 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 74 Resp: 246769
 Ion Ratio Lower Upper
 74 100
 45 92.0 49.6 148.8

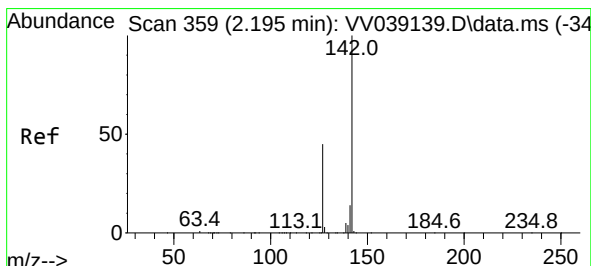
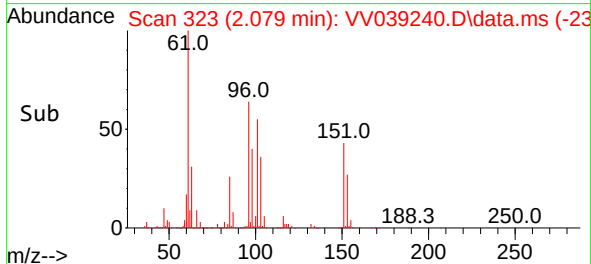
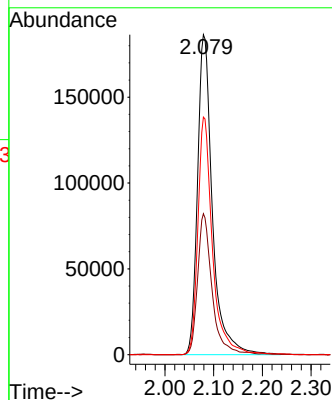
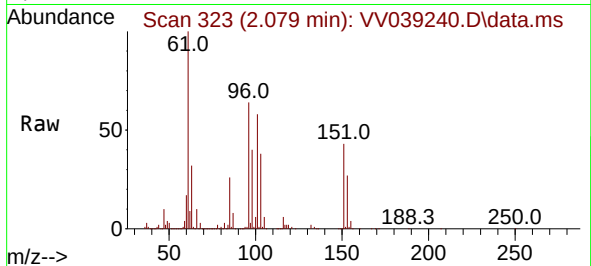




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.958 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
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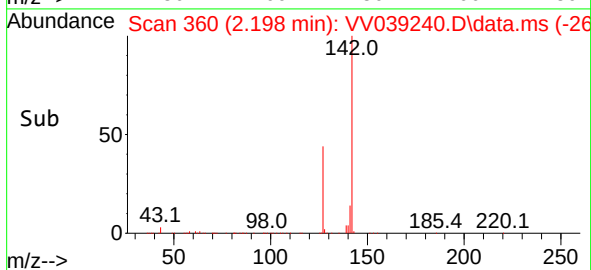
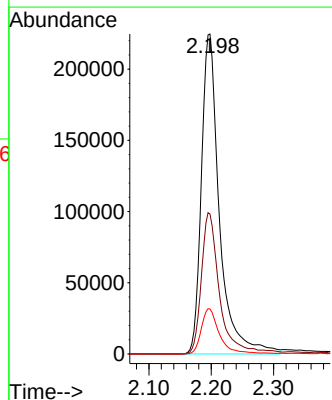
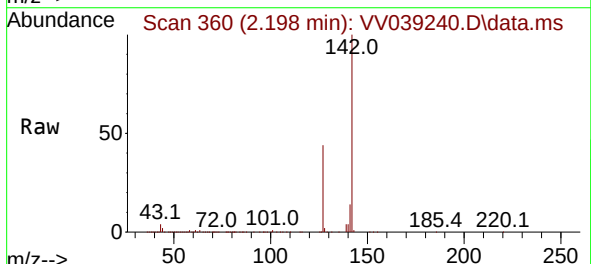
Instrument :
MSVOA_V
ClientSampleId :

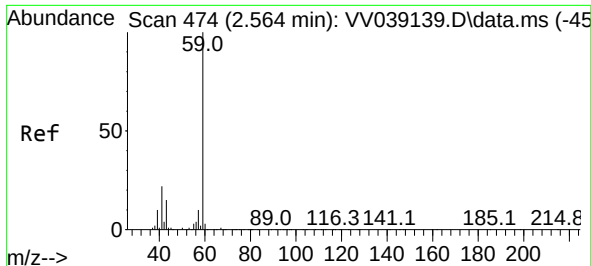
Tgt Ion:101 Resp: 395880
Ion Ratio Lower Upper
101 100
85 42.5 36.2 54.2
151 72.9 56.3 84.5



#10
Methyl Iodide
Concen: 51.493 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:142 Resp: 451897
Ion Ratio Lower Upper
142 100
127 44.7 36.3 54.5
141 14.1 11.2 16.8

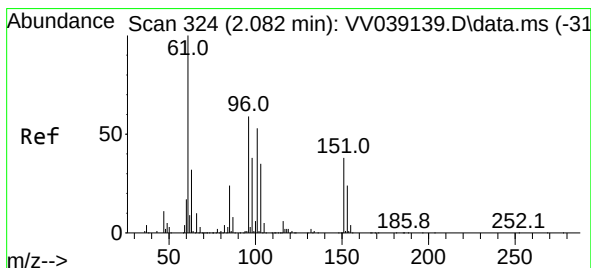
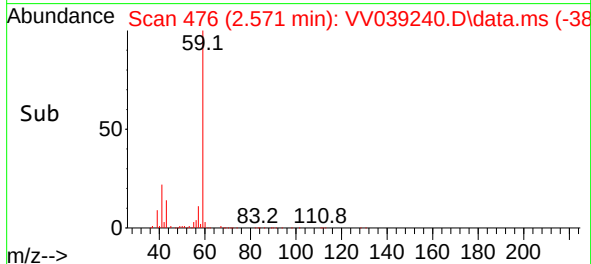
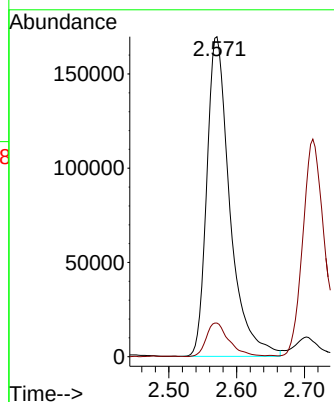
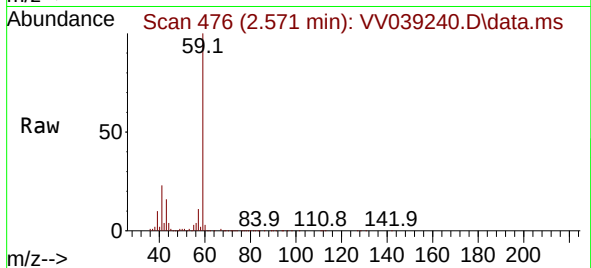




#11
Tert butyl alcohol
Concen: 223.116 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

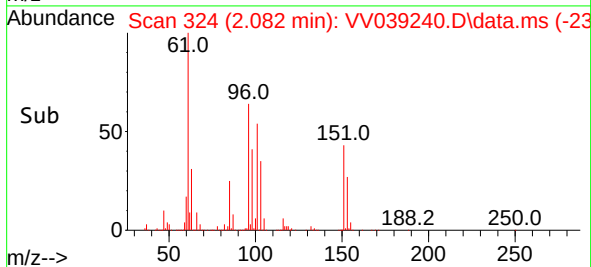
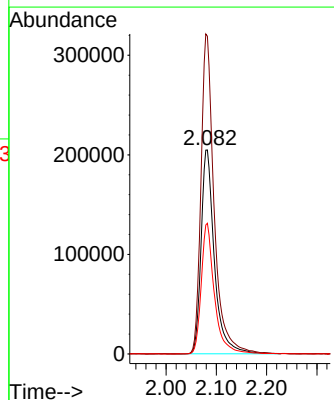
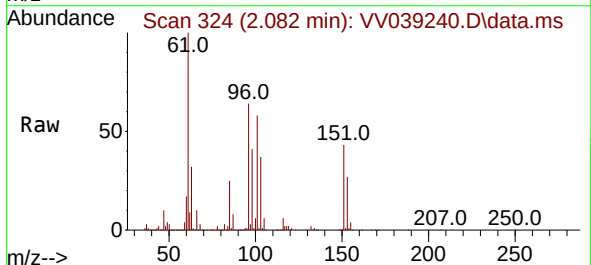
Instrument :
MSVOA_V
ClientSampleId :

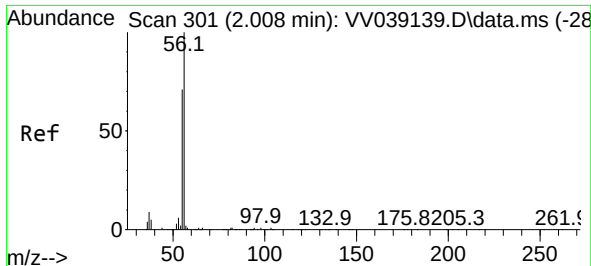
Tgt Ion: 59 Resp: 401307
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 42.689 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 96 Resp: 378457
Ion Ratio Lower Upper
96 100
61 155.9 136.0 204.0
98 64.1 51.0 76.6

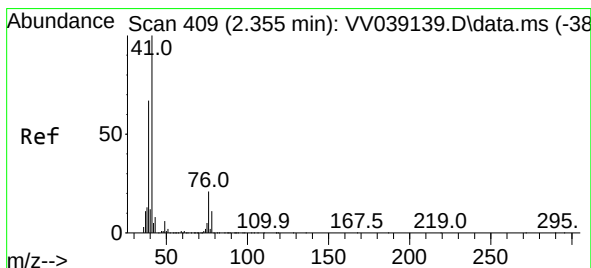
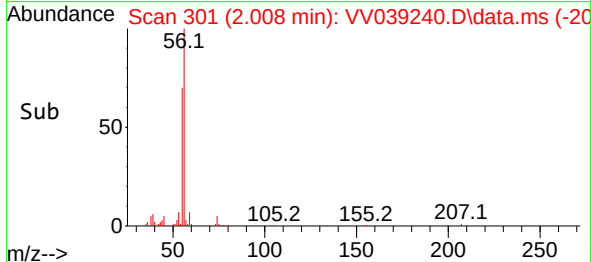
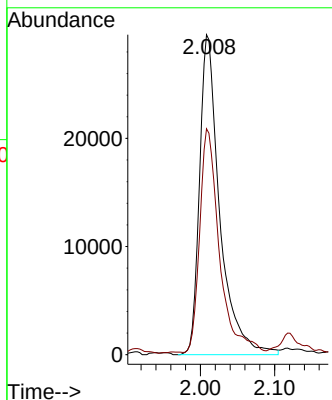
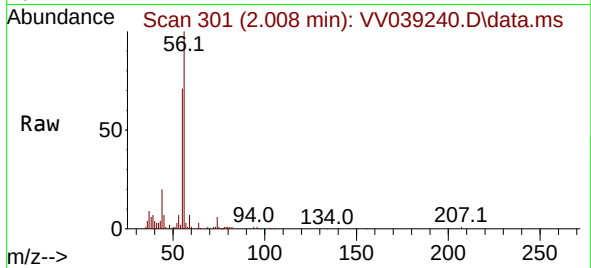




#13
Acrolein
Concen: 178.935 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

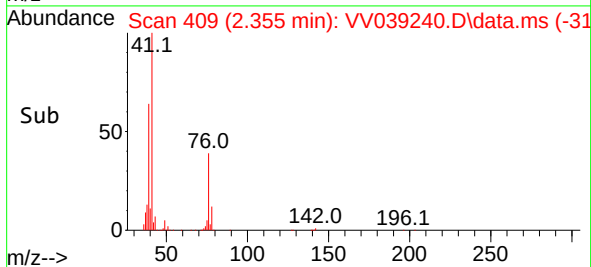
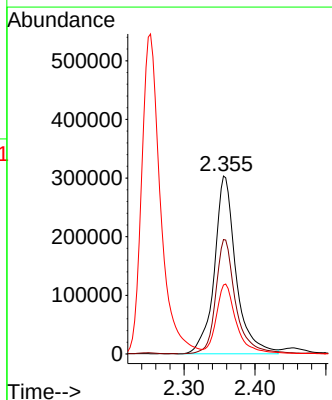
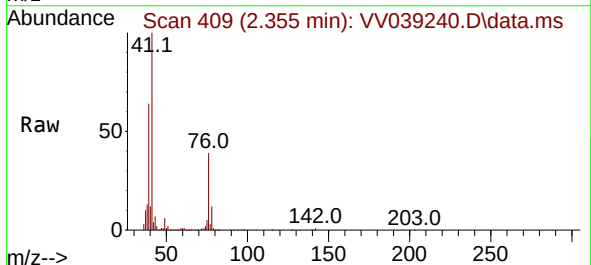
Instrument :
MSVOA_V
ClientSampleId :

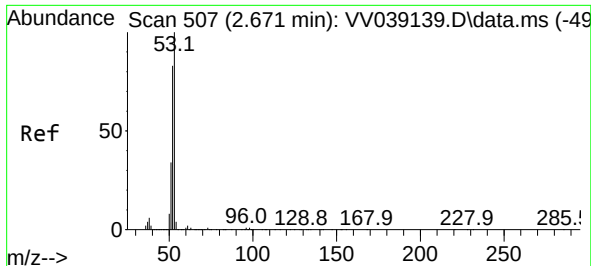
Tgt Ion: 56 Resp: 55846
Ion Ratio Lower Upper
56 100
55 67.9 56.2 84.4



#14
Allyl chloride
Concen: 40.443 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

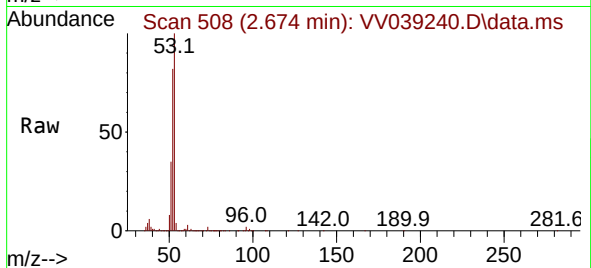
Tgt Ion: 41 Resp: 640477
Ion Ratio Lower Upper
41 100
39 59.8 51.0 76.6
76 36.2 28.2 42.4





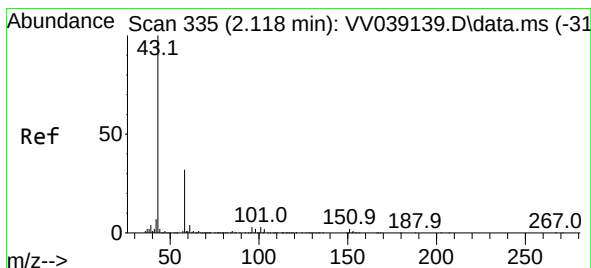
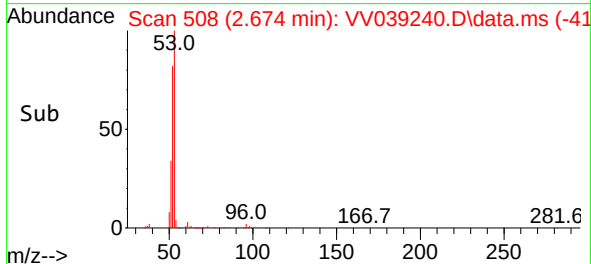
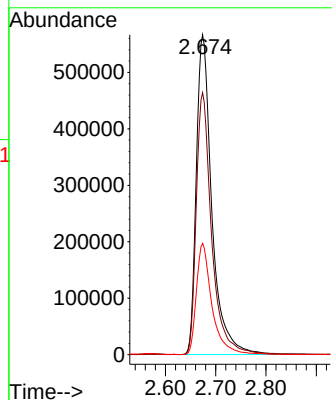
#15
Acrylonitrile
Concen: 211.335 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 1218525

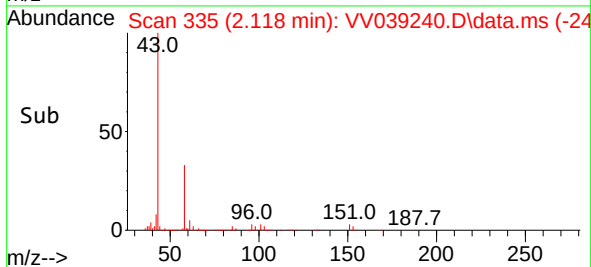
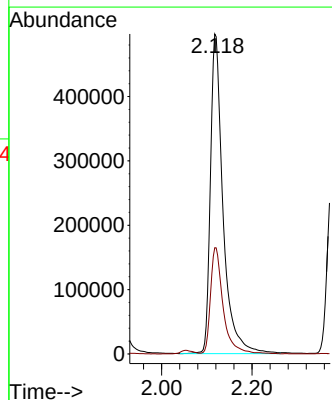
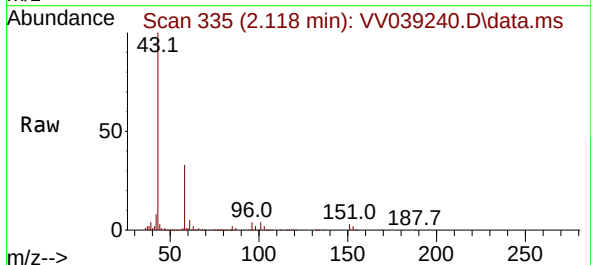
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.1	99.1
51	34.7	28.5	42.7

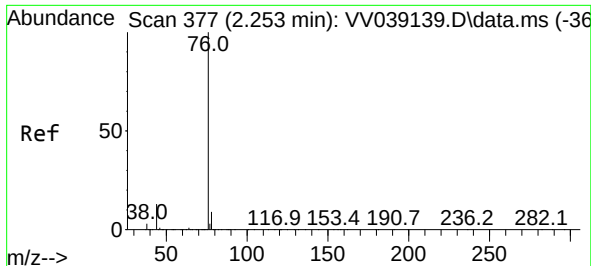


#16
Acetone
Concen: 178.292 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 43 Resp: 961682

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.8	38.6

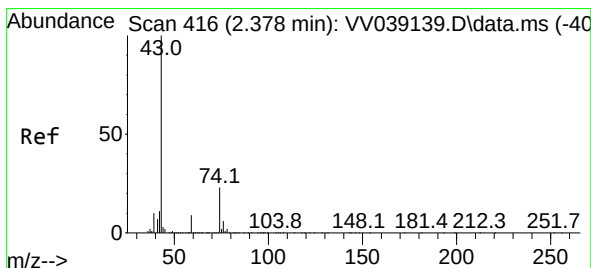
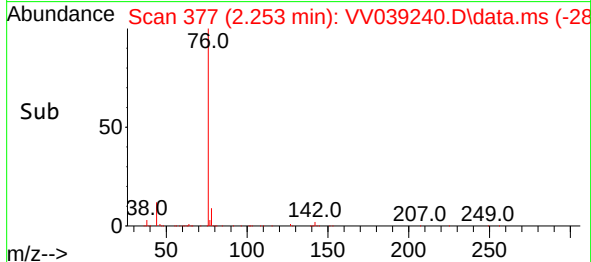
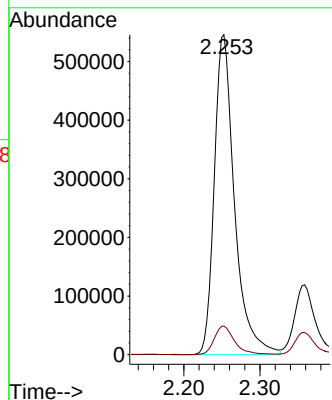
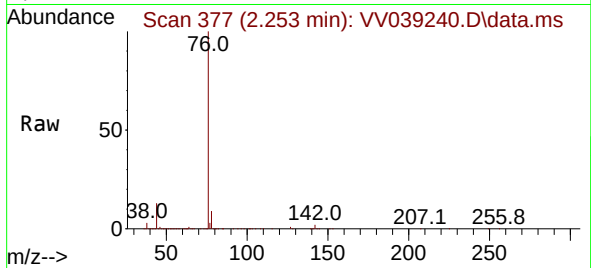




#17
Carbon Disulfide
Concen: 37.133 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

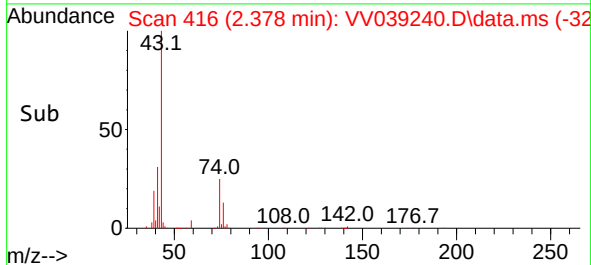
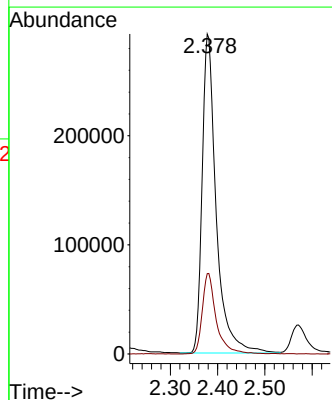
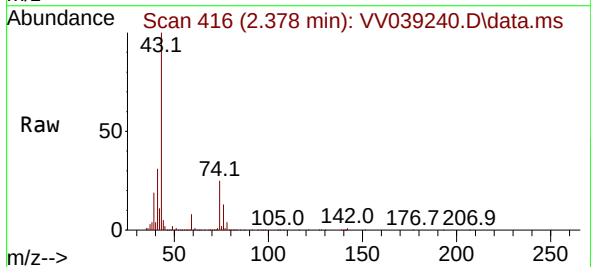
Instrument :
MSVOA_V
ClientSampleId :

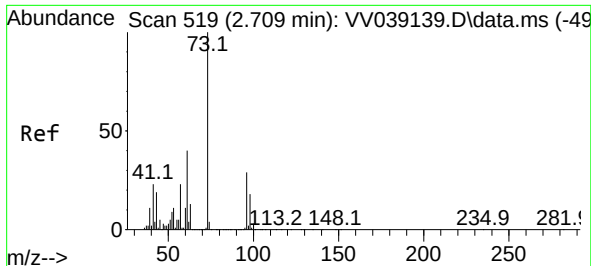
Tgt Ion: 76 Resp: 1006796
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.827 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 43 Resp: 603055
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8

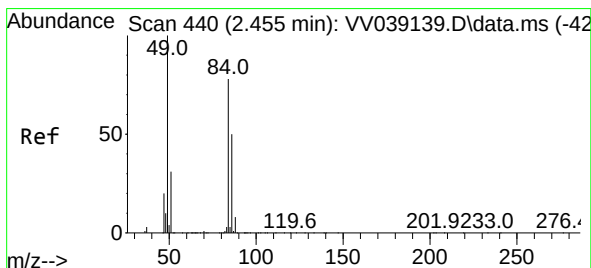
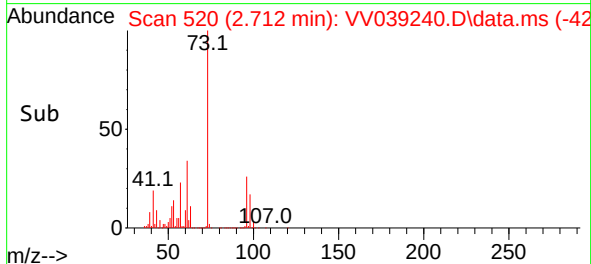
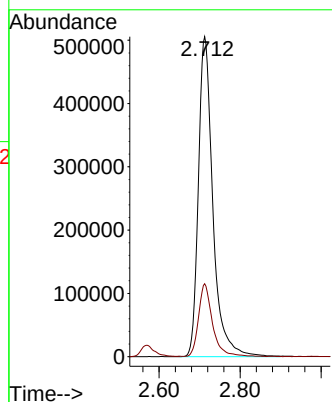
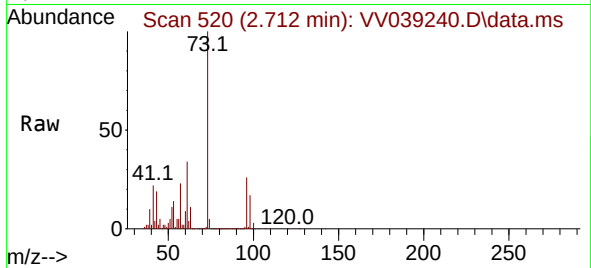




#19
Methyl tert-butyl Ether
Concen: 44.418 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

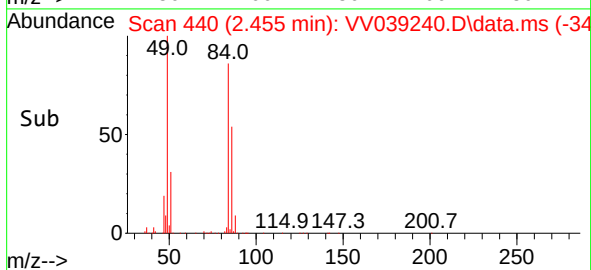
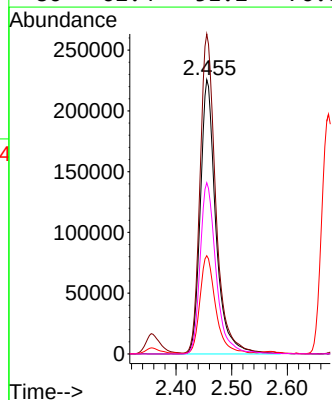
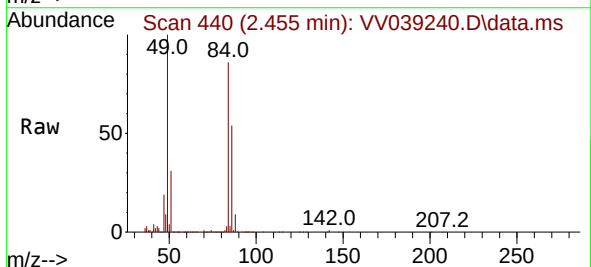
Instrument :
MSVOA_V
ClientSampleId :

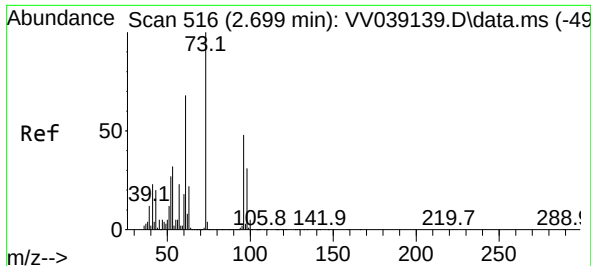
Tgt Ion: 73 Resp: 1254836
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 47.362 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 84 Resp: 437203
Ion Ratio Lower Upper
84 100
49 116.3 102.8 154.2
51 35.6 31.9 47.9
86 62.4 51.2 76.8

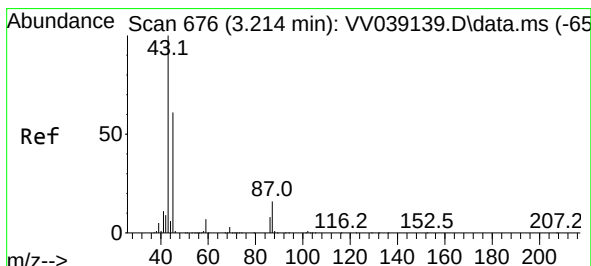
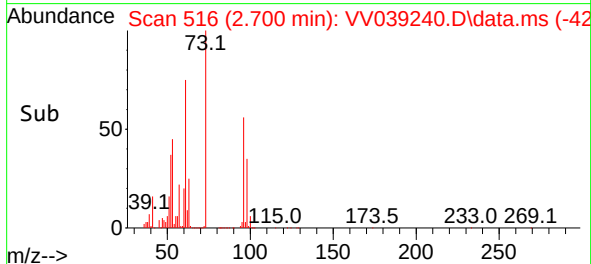
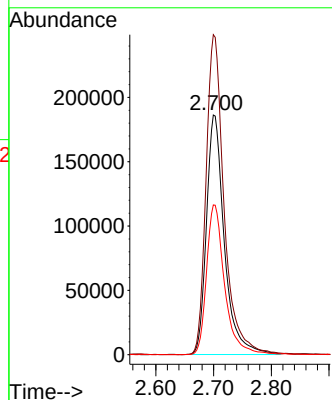
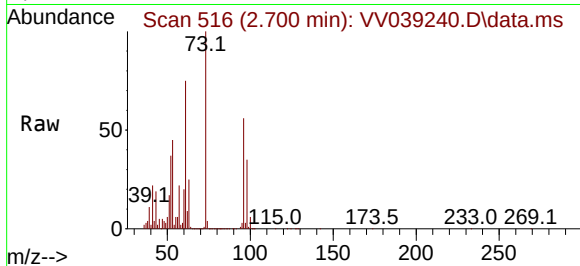




#21
trans-1,2-Dichloroethene
Concen: 42.529 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

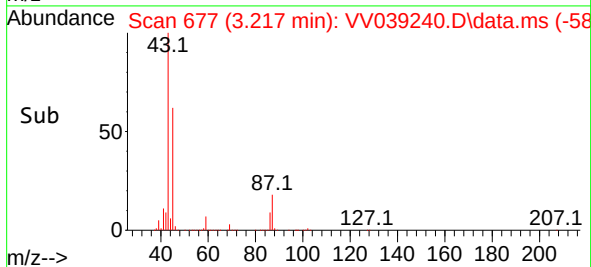
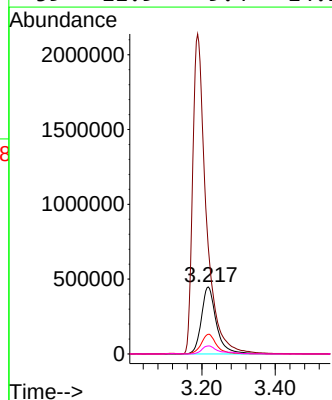
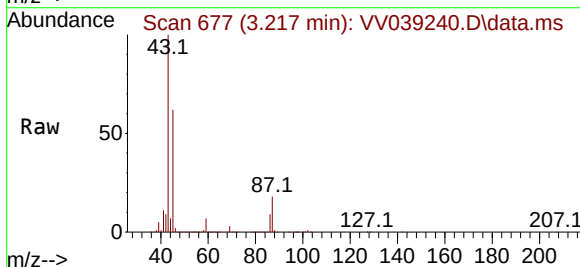
Instrument :
MSVOA_V
ClientSampleId :

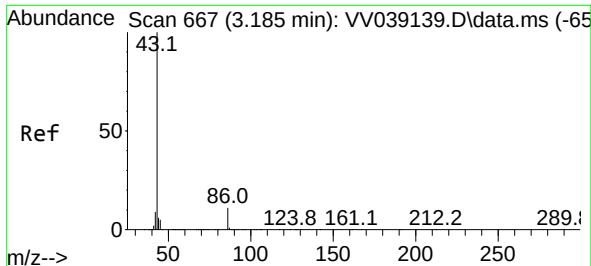
Tgt Ion: 96 Resp: 401387
Ion Ratio Lower Upper
96 100
61 133.6 112.8 169.2
98 62.5 51.1 76.7



#22
Diisopropyl ether
Concen: 41.878 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 45 Resp: 1268867
Ion Ratio Lower Upper
45 100
43 160.8 130.9 196.3
87 29.4 21.1 31.7
59 11.9 9.4 14.2

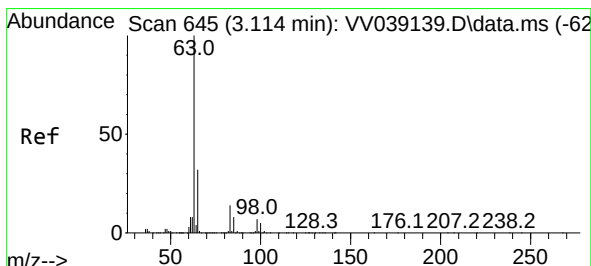
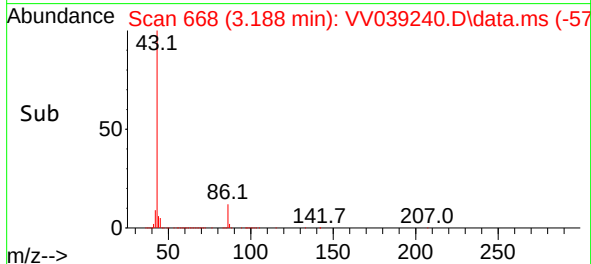
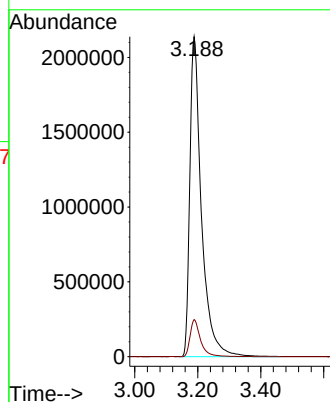
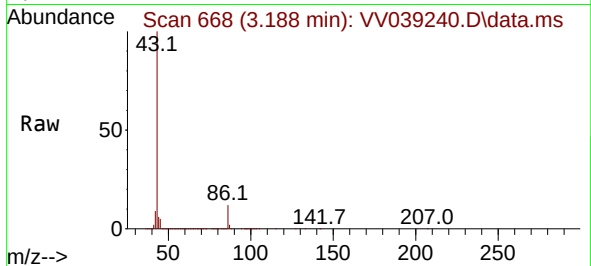




#23
 Vinyl Acetate
 Concen: 206.945 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

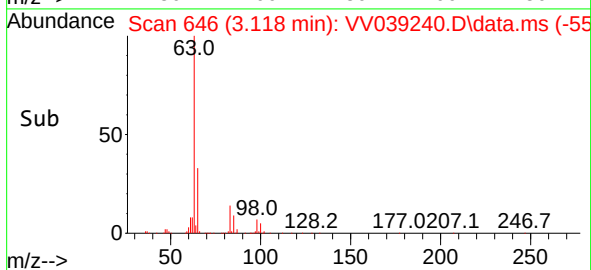
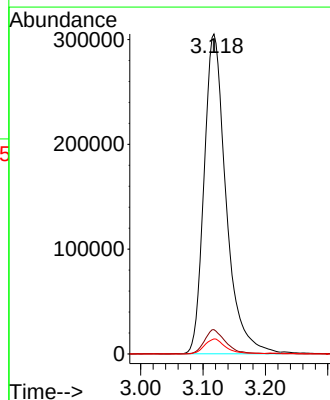
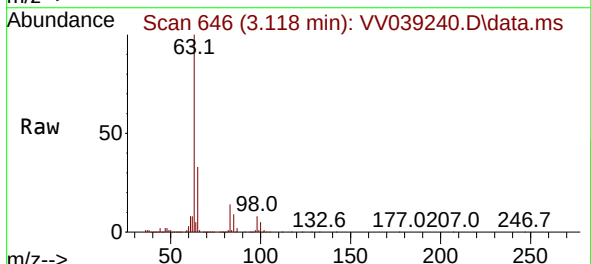
Instrument :
 MSVOA_V
 ClientSampleId :

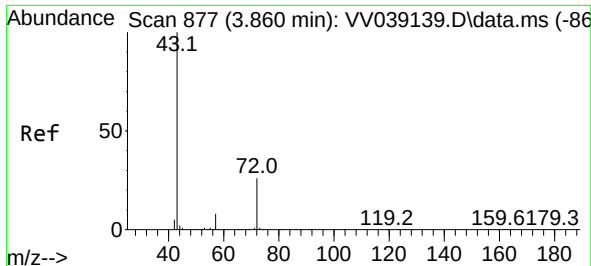
Tgt Ion: 43 Resp: 5485185
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 40.397 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 63 Resp: 748517
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.7 2.2 6.6

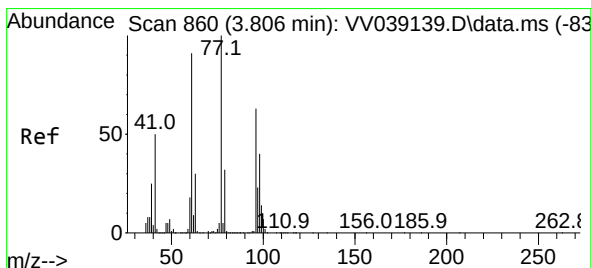
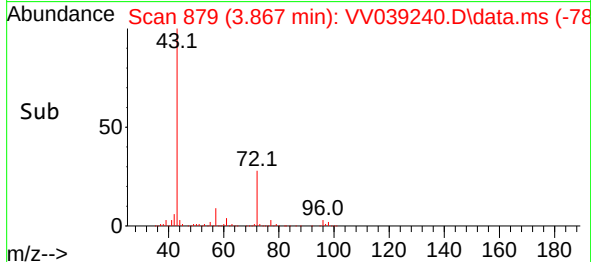
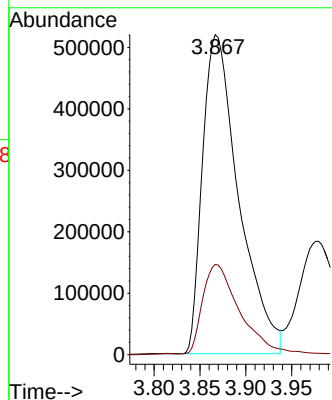
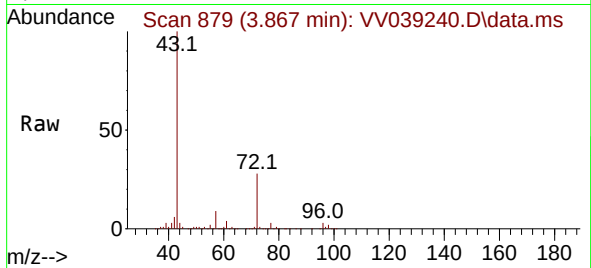




#25
2-Butanone
Concen: 209.796 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

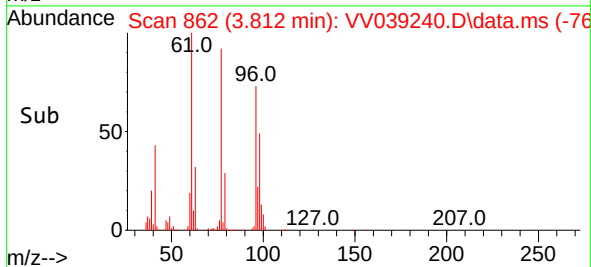
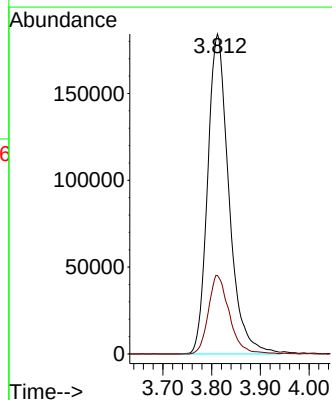
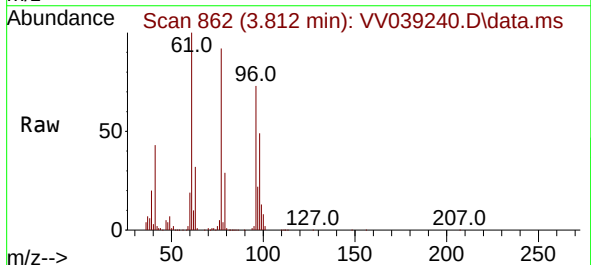
Instrument :
MSVOA_V
ClientSampleId :

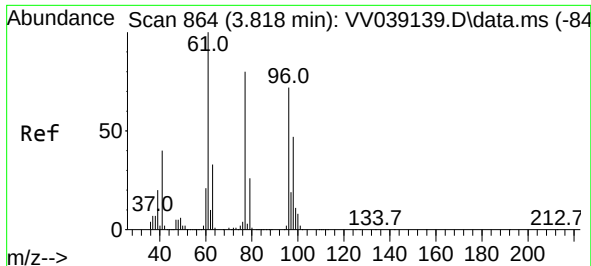
Tgt Ion: 43 Resp: 1429691
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 34.002 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

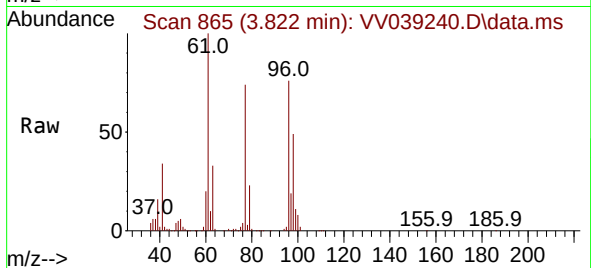
Tgt Ion: 77 Resp: 558625
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7





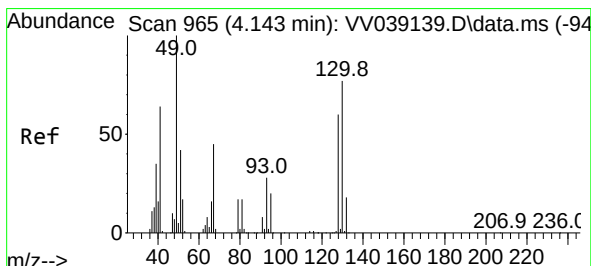
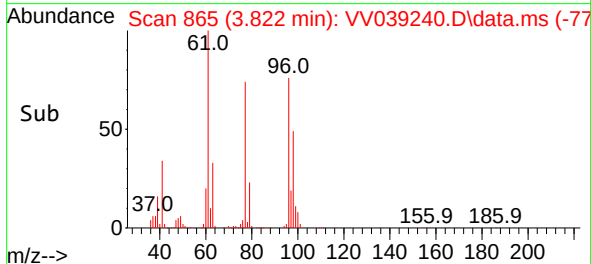
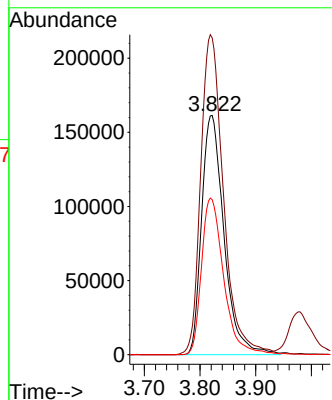
#27
 cis-1,2-Dichloroethene
 Concen: 43.307 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 450788

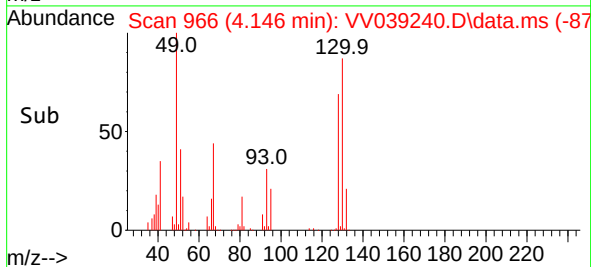
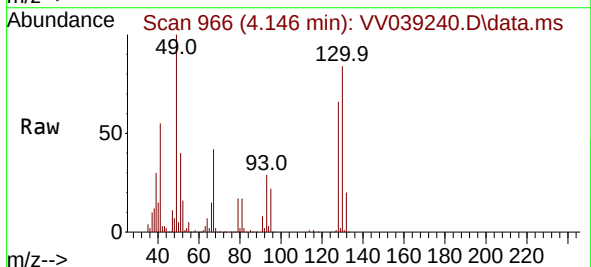
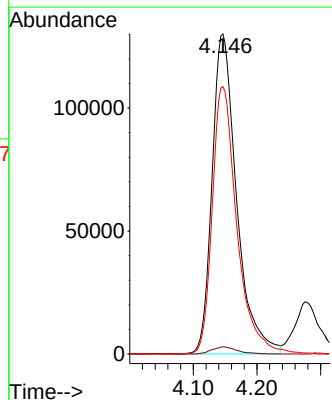
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	286.4
98	64.9	0.0	126.6

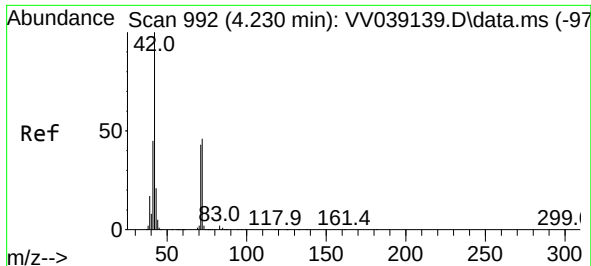


#28
 Bromochloromethane
 Concen: 42.630 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 49 Resp: 348712

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.9	60.2	90.2





#29

Tetrahydrofuran

Concen: 222.285 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

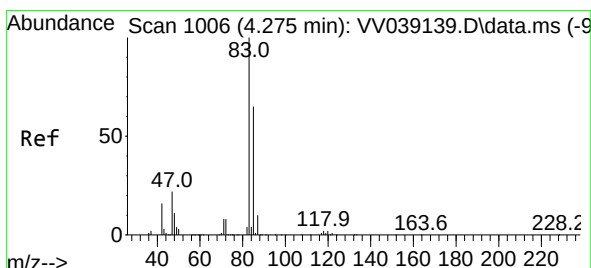
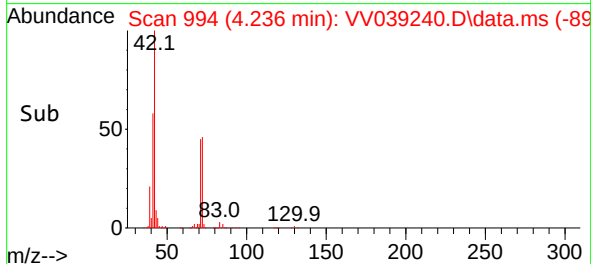
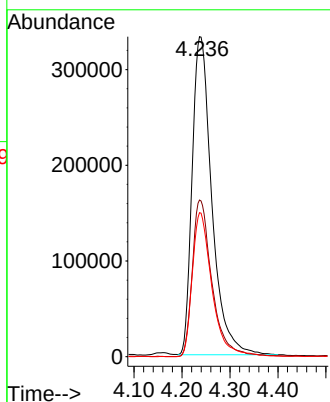
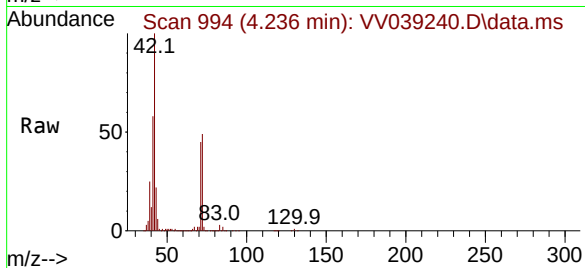
Tgt Ion: 42 Resp: 948151

Ion Ratio Lower Upper

42 100

72 49.0 36.3 54.5

71 45.2 34.3 51.5



#30

Chloroform

Concen: 40.605 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039240.D

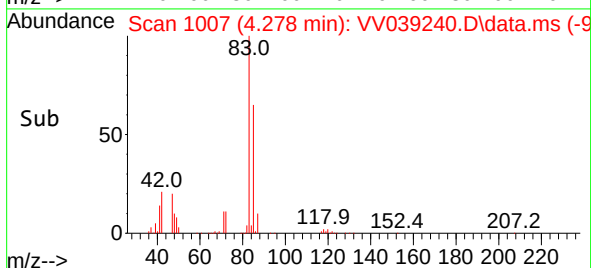
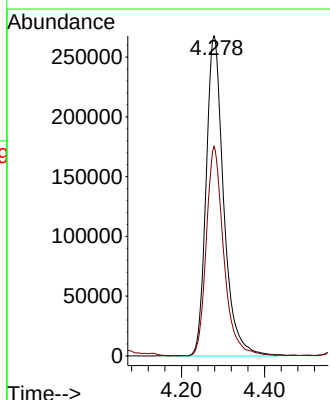
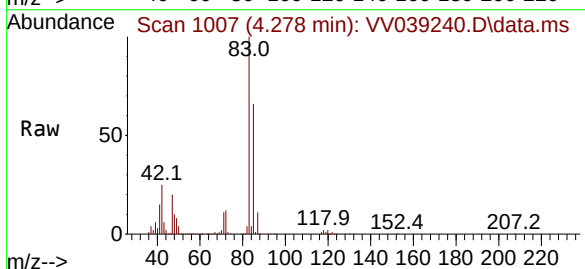
Acq: 29 Sep 2025 18:23

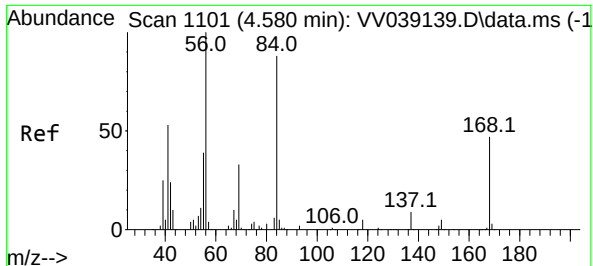
Tgt Ion: 83 Resp: 785627

Ion Ratio Lower Upper

83 100

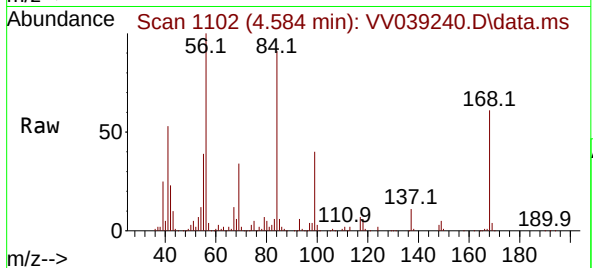
85 65.4 52.1 78.1



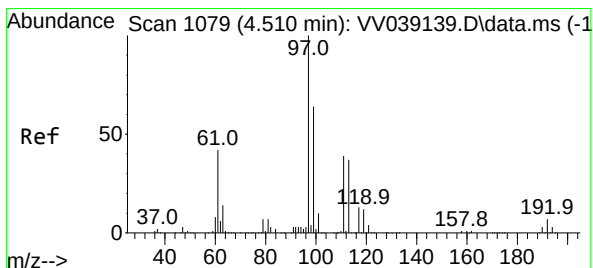
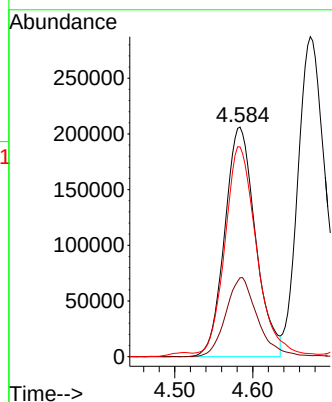
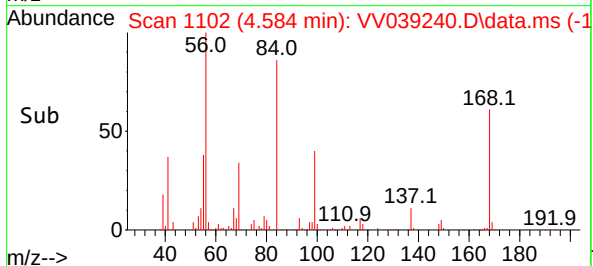


#31
Cyclohexane
Concen: 37.246 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Instrument :
MSVOA_V
ClientSampleId :

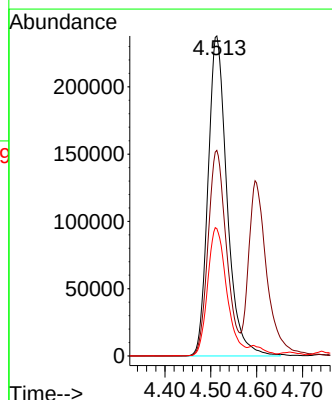
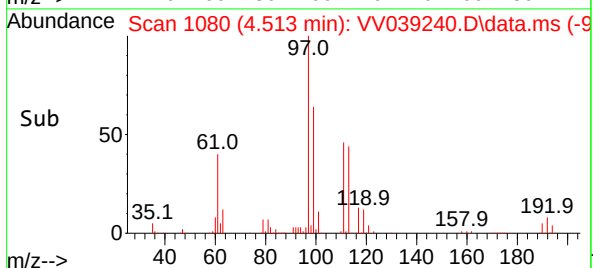
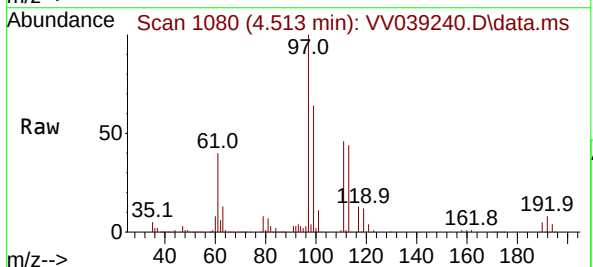


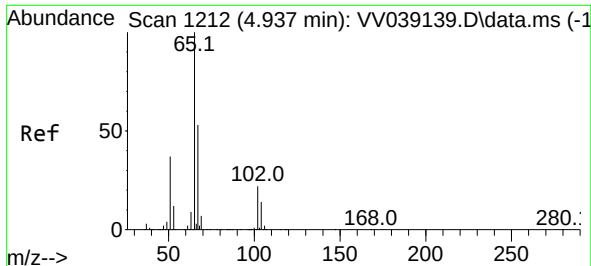
Tgt Ion: 56 Resp: 565338
Ion Ratio Lower Upper
56 100
69 34.3 26.2 39.2
84 89.7 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 40.933 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 97 Resp: 685653
Ion Ratio Lower Upper
97 100
99 62.0 49.6 74.4
61 40.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.166 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

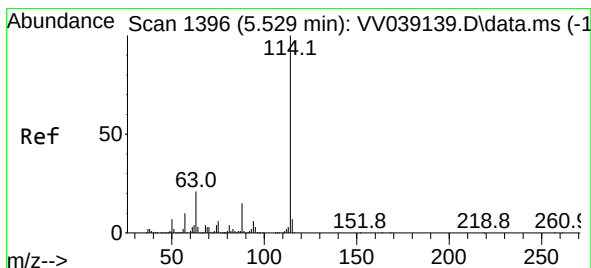
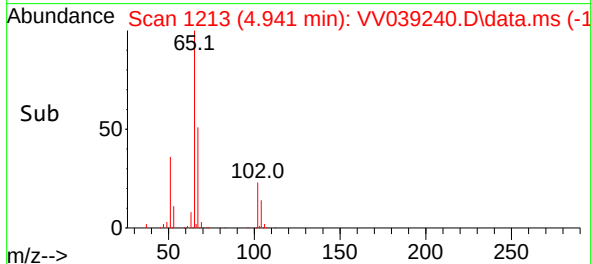
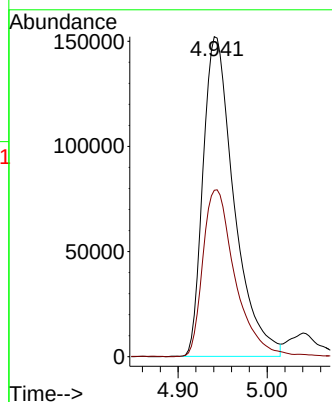
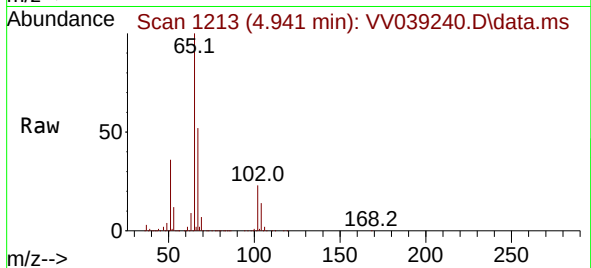
ClientSampleId :

Tgt Ion: 65 Resp: 367351

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

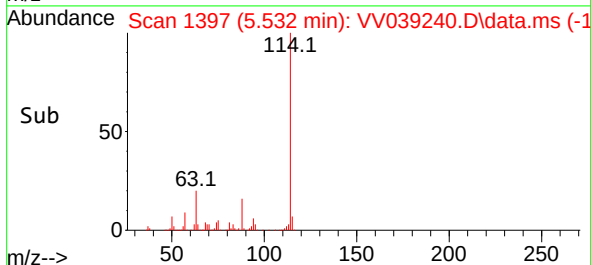
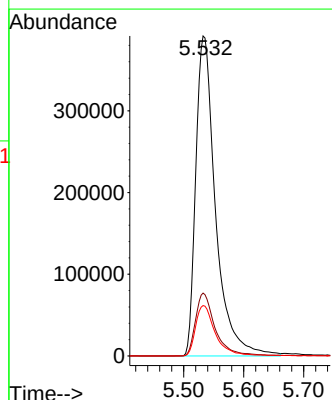
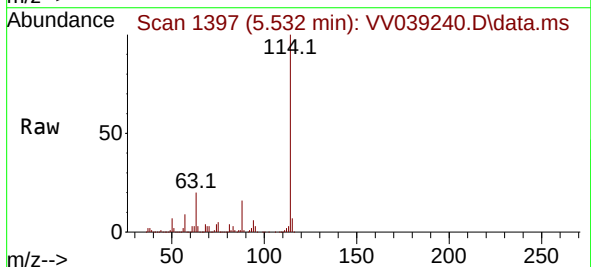
Tgt Ion: 114 Resp: 900266

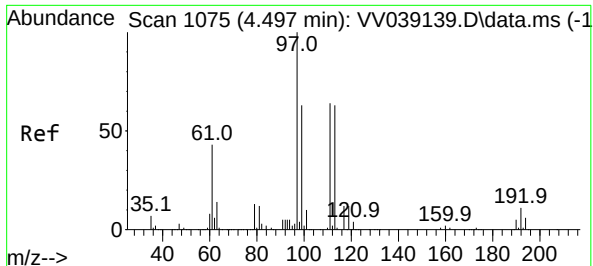
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.8 0.0 30.8

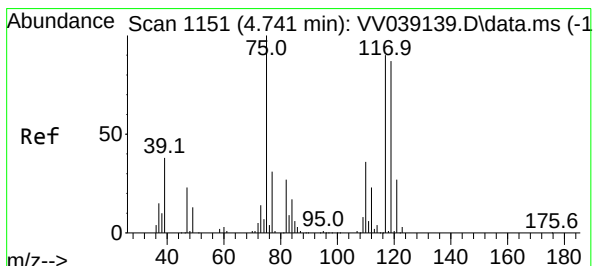
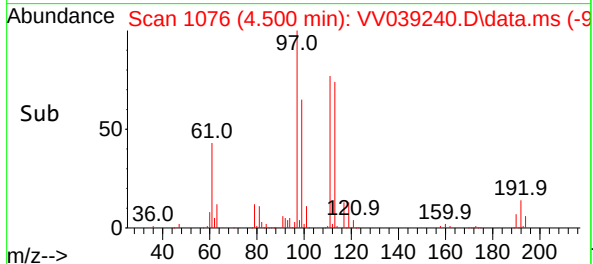
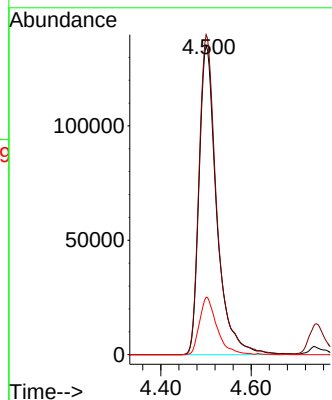
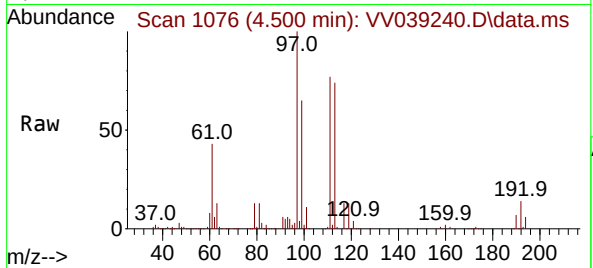




#35
Dibromofluoromethane
Concen: 50.453 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

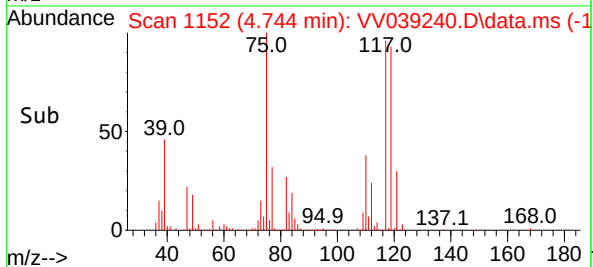
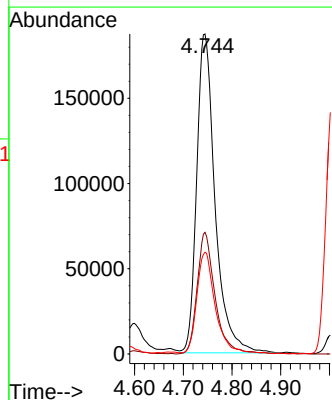
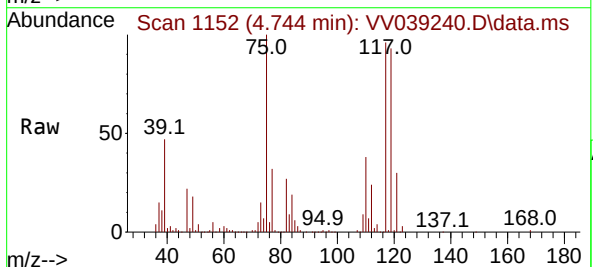
Instrument :
MSVOA_V
ClientSampleId :

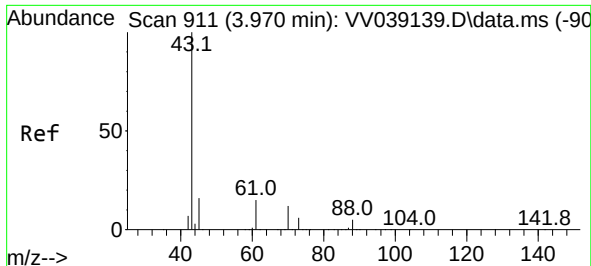
Tgt Ion:113 Resp: 365150
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.5 13.8 20.8



#36
1,1-Dichloropropene
Concen: 44.938 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 75 Resp: 491719
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.1
77 30.8 24.8 37.2

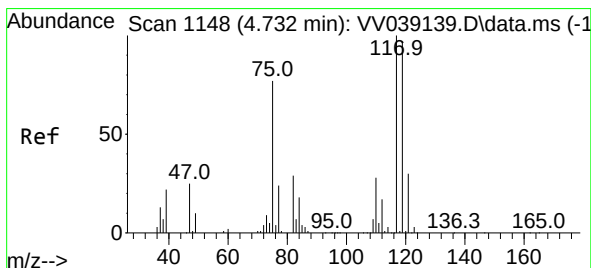
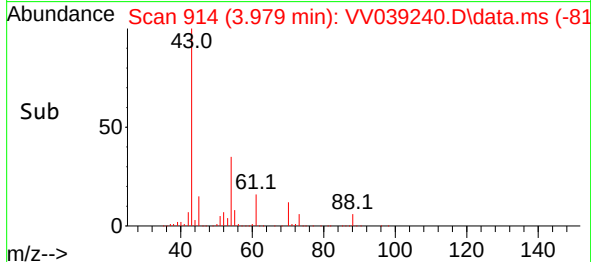
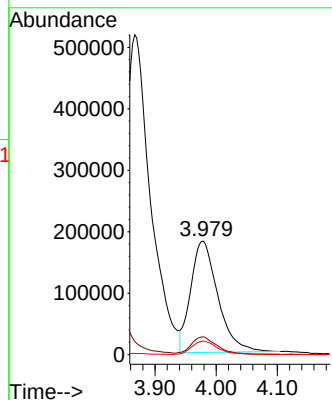
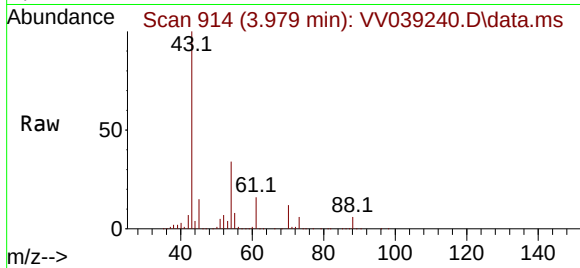




#37
Ethyl Acetate
Concen: 42.330 ug/l
RT: 3.979 min Scan# 911
Delta R.T. 0.009 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

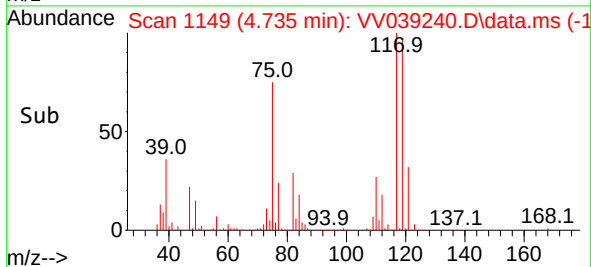
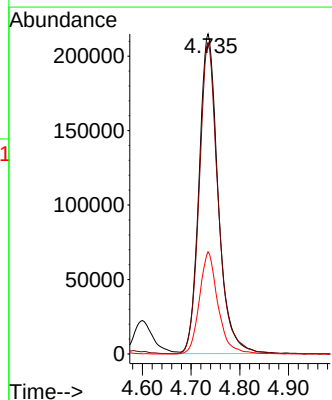
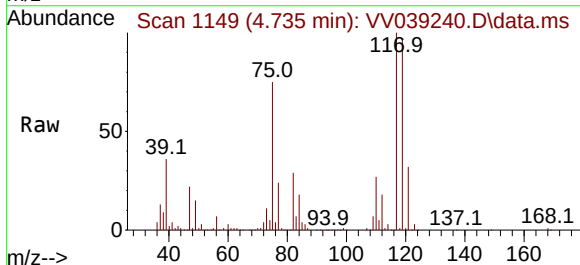
Instrument :
MSVOA_V
ClientSampleId :

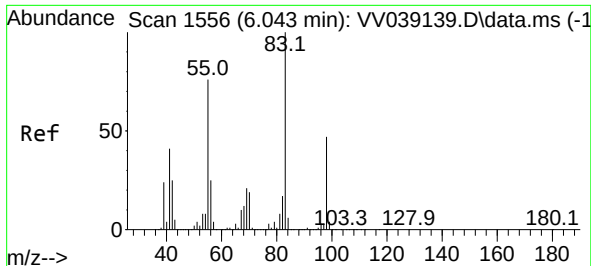
Tgt Ion: 43 Resp: 562043
Ion Ratio Lower Upper
43 100
61 14.6 10.3 15.5
70 11.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 43.671 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 117 Resp: 584016
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 43.570 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

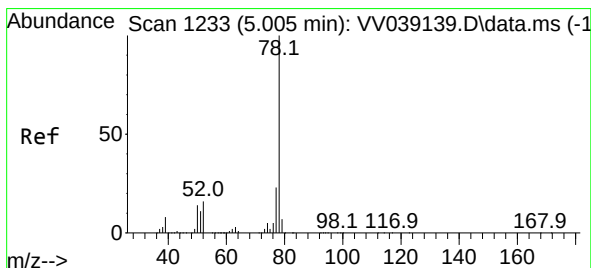
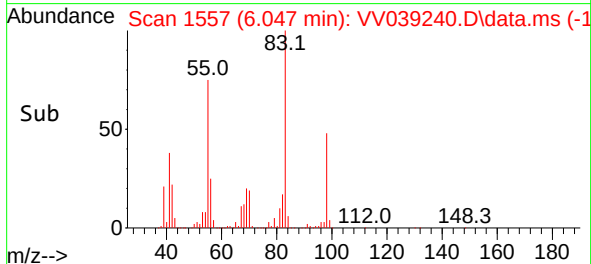
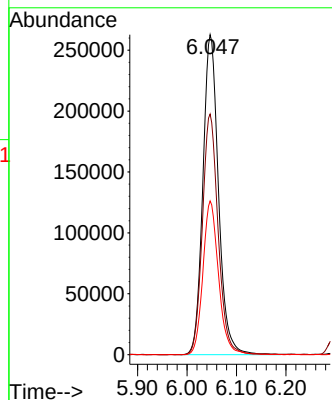
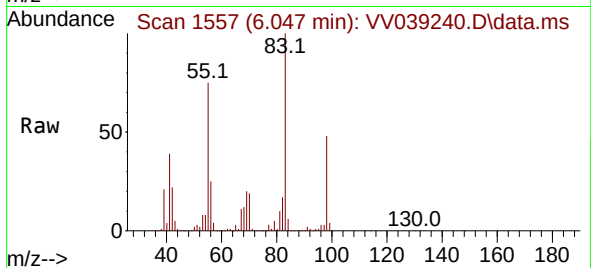
Tgt Ion: 83 Resp: 575745

Ion Ratio Lower Upper

83 100

55 75.2 60.5 90.7

98 48.0 37.8 56.6



#40

Benzene

Concen: 45.412 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039240.D

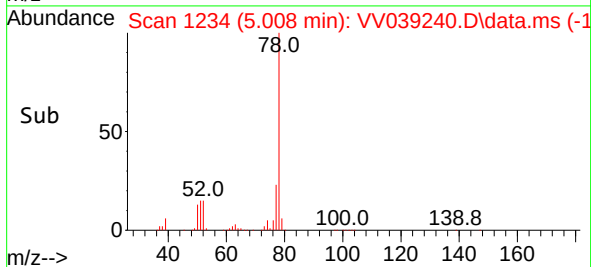
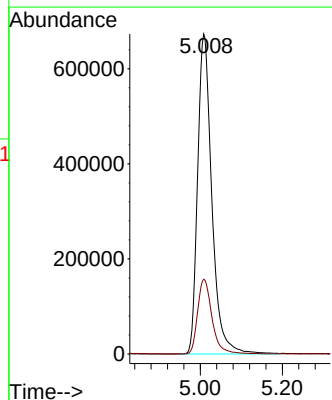
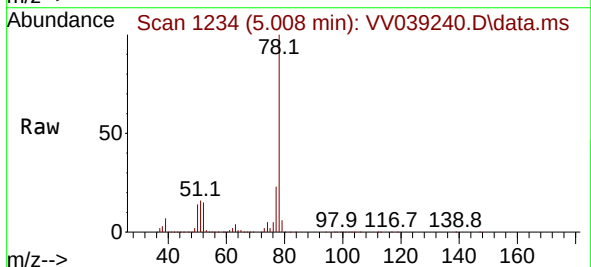
Acq: 29 Sep 2025 18:23

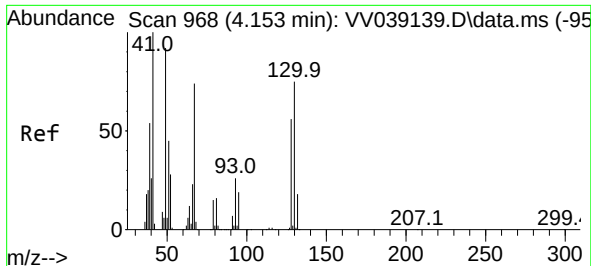
Tgt Ion: 78 Resp: 1618097

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1

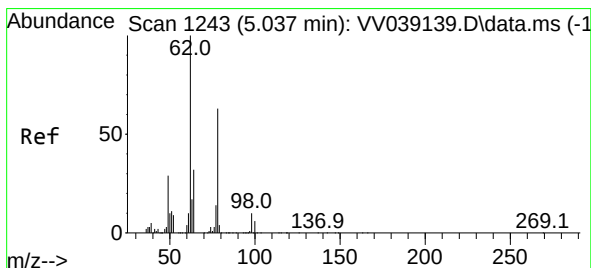
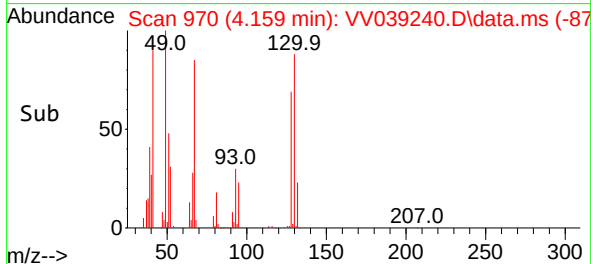
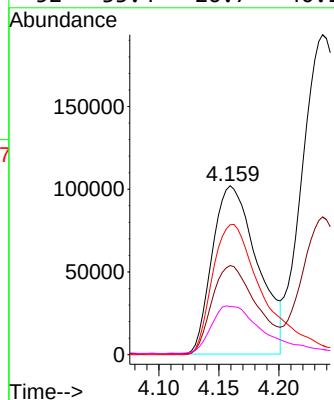
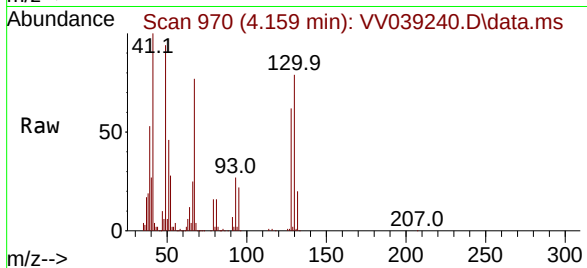




#41
Methacrylonitrile
Concen: 44.534 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

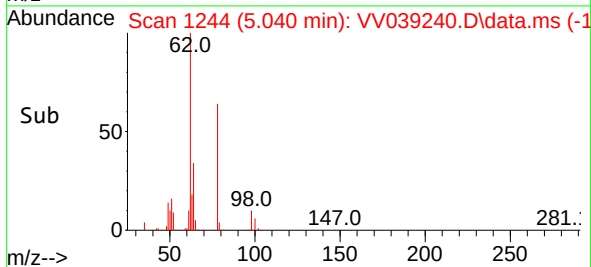
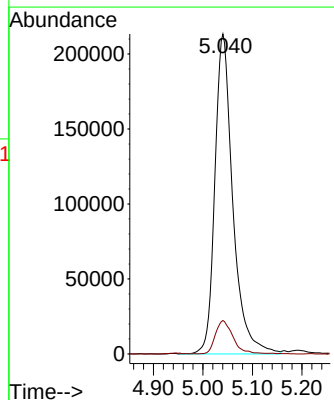
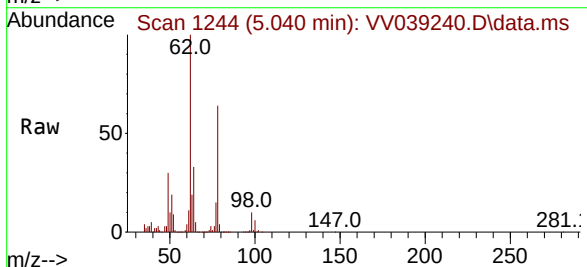
Instrument :
MSVOA_V
ClientSampleId :

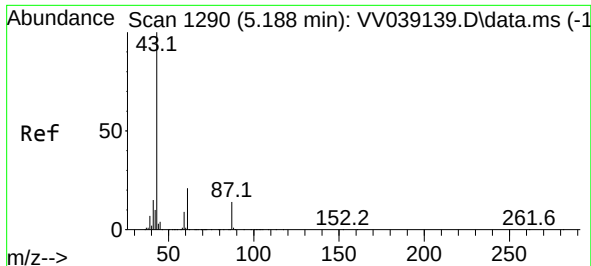
Tgt Ion: 41 Resp: 266048
Ion Ratio Lower Upper
41 100
39 52.1 42.2 63.2
67 90.7 67.9 101.9
52 33.4 26.7 40.1



#42
1,2-Dichloroethane
Concen: 43.090 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 62 Resp: 537982
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.2

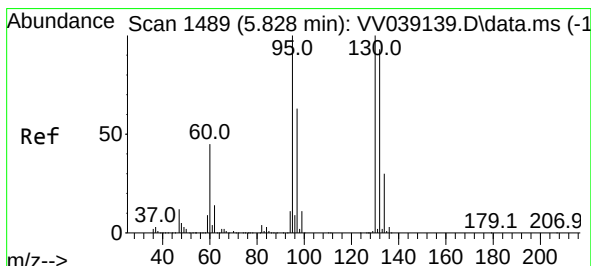
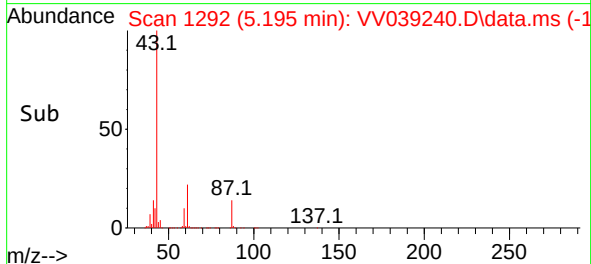
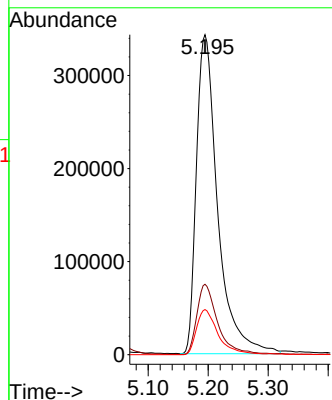
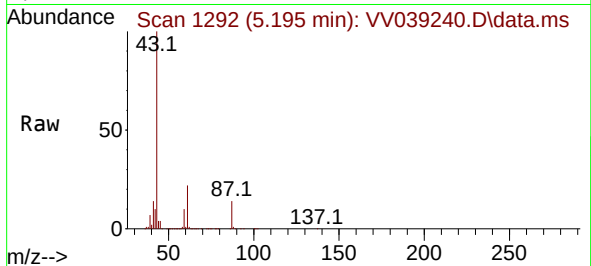




#43
Isopropyl Acetate
Concen: 46.890 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

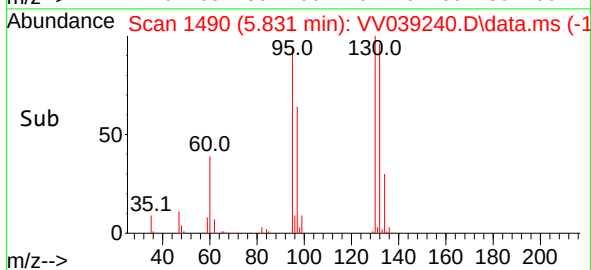
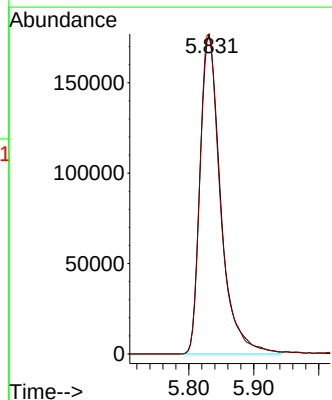
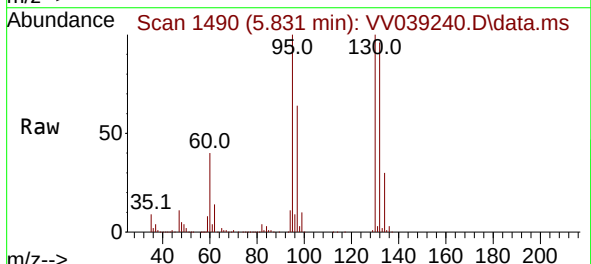
Instrument :
MSVOA_V
ClientSampleId :

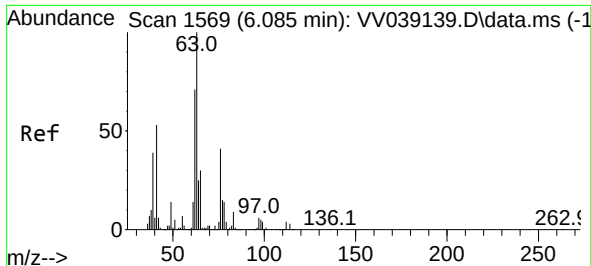
Tgt Ion: 43 Resp: 848888
Ion Ratio Lower Upper
43 100
61 21.4 15.9 23.9
87 14.3 11.0 16.6



#44
Trichloroethene
Concen: 47.562 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:130 Resp: 391062
Ion Ratio Lower Upper
130 100
95 100.3 0.0 199.2





#45

1,2-Dichloropropane

Concen: 45.712 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

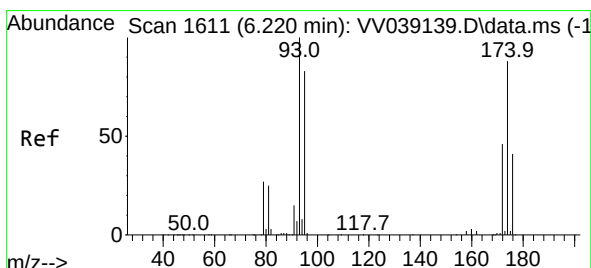
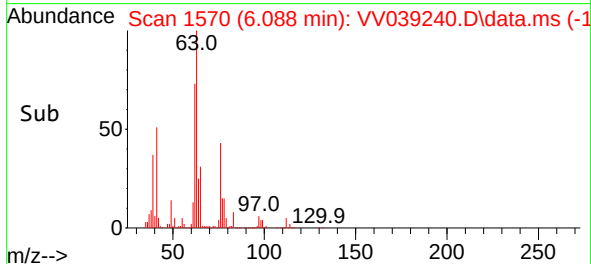
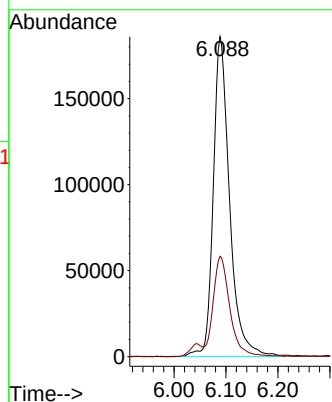
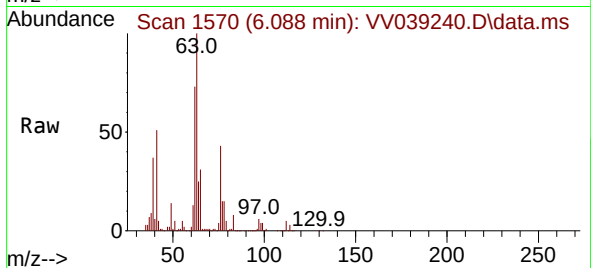
ClientSampleId :

Tgt Ion: 63 Resp: 404855

Ion Ratio Lower Upper

63 100

65 31.2 23.7 35.5



#46

Dibromomethane

Concen: 46.116 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

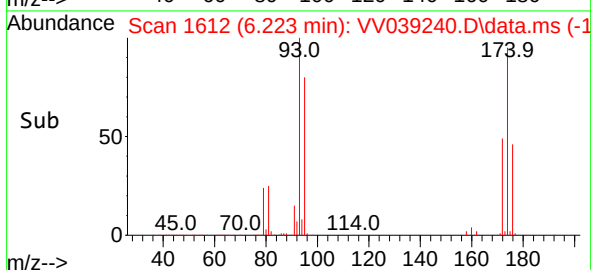
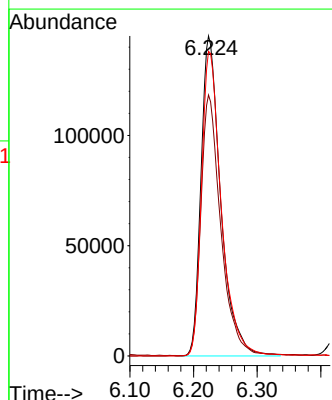
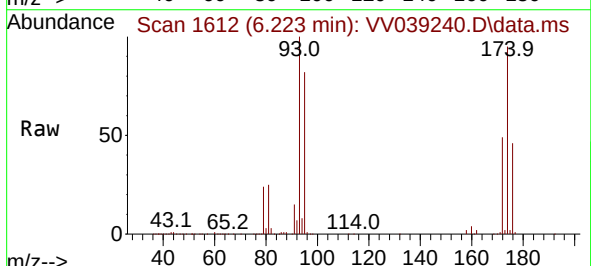
Tgt Ion: 93 Resp: 312602

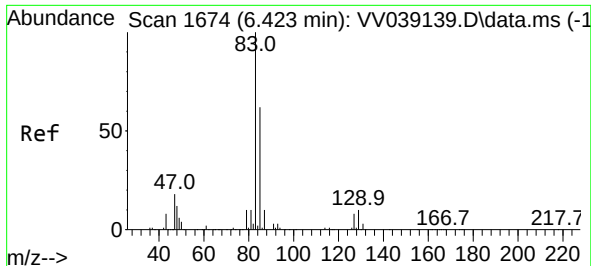
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 96.0 69.0 103.4

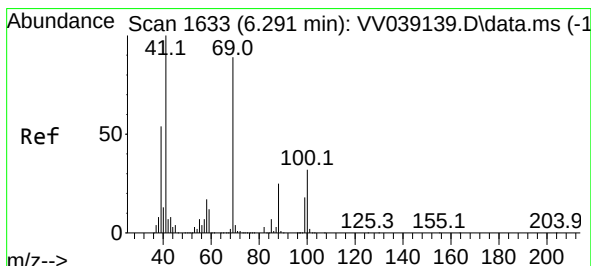
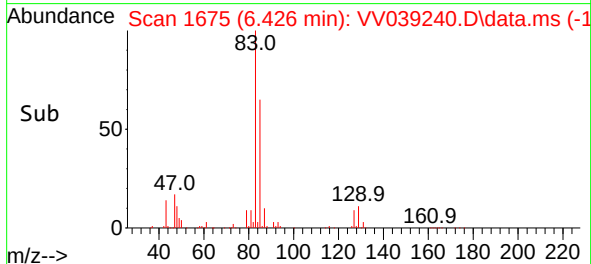
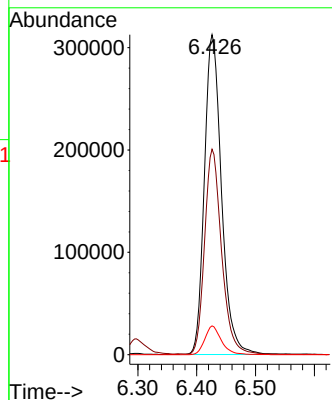
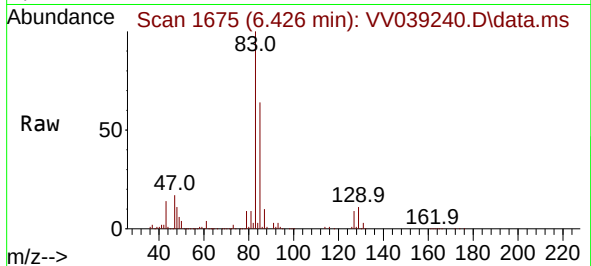




#47
Bromodichloromethane
Concen: 45.191 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

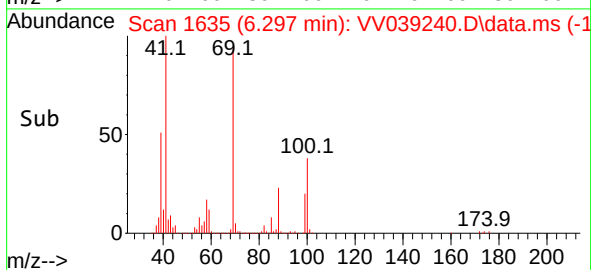
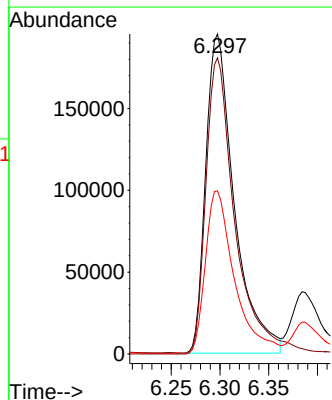
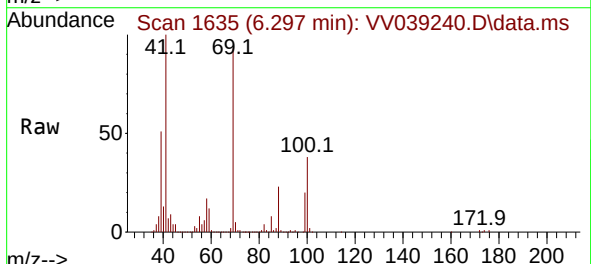
Instrument :
MSVOA_V
ClientSampleId :

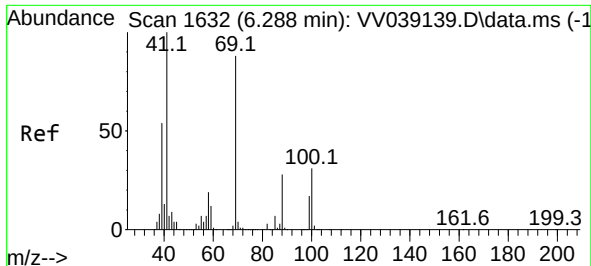
Tgt Ion: 83 Resp: 633297
Ion Ratio Lower Upper
83 100
85 64.1 49.7 74.5
127 9.0 6.6 9.8



#48
Methyl methacrylate
Concen: 48.454 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.006 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 41 Resp: 397638
Ion Ratio Lower Upper
41 100
69 95.0 72.4 108.6
39 51.5 42.5 63.7





#49

1,4-Dioxane

Concen: 943.826 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

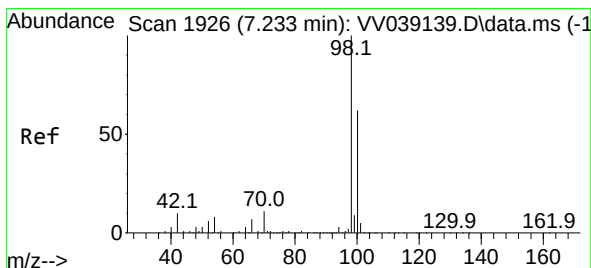
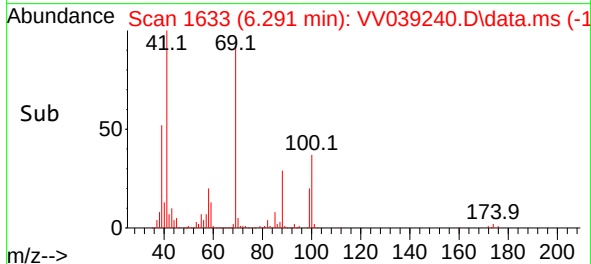
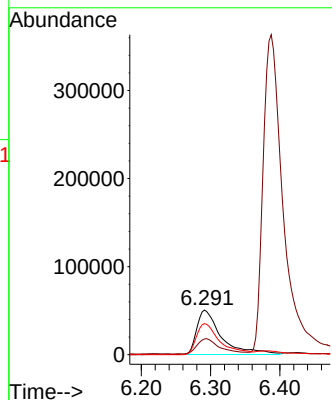
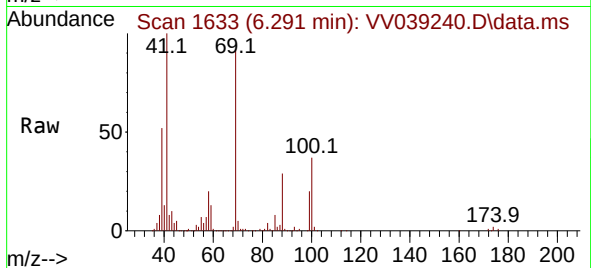
Tgt Ion: 88 Resp: 124995

Ion Ratio Lower Upper

88 100

43 31.1 25.1 37.7

58 66.9 53.6 80.4



#50

Toluene-d8

Concen: 48.723 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039240.D

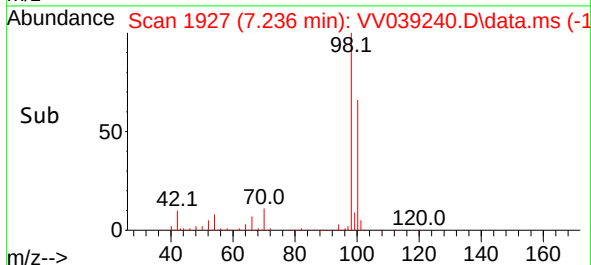
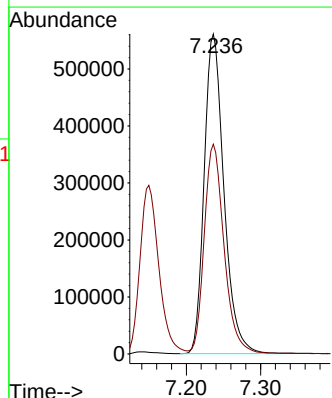
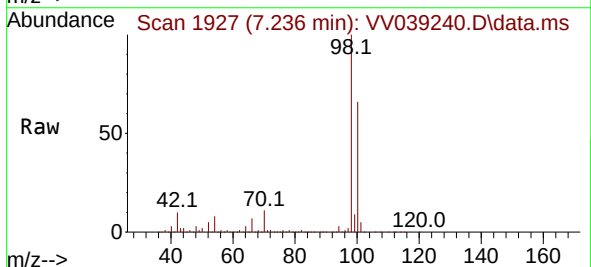
Acq: 29 Sep 2025 18:23

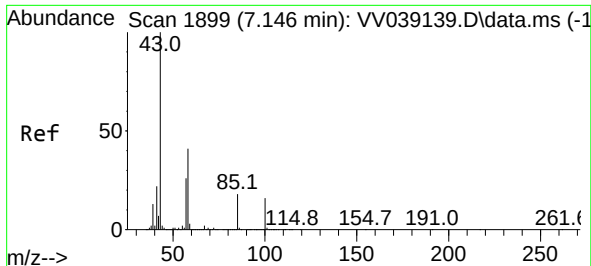
Tgt Ion: 98 Resp: 1035679

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 251.628 ug/l

RT: 7.150 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

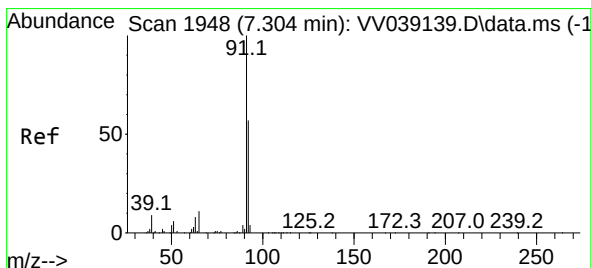
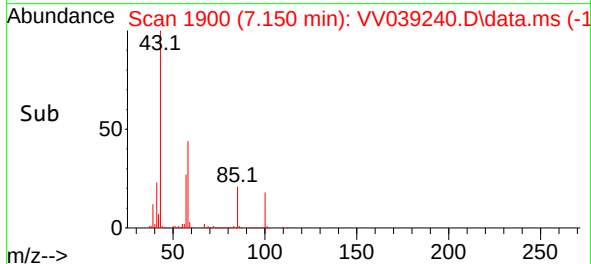
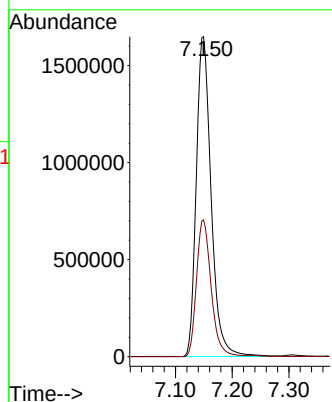
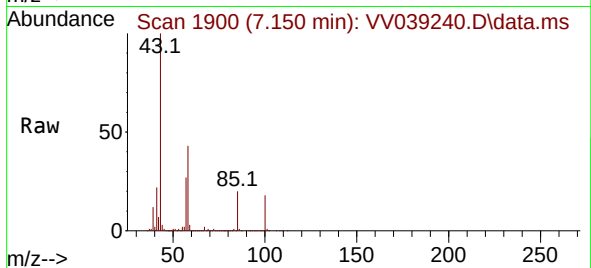
ClientSampleId :

Tgt Ion: 43 Resp: 2996905

Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5



#52

Toluene

Concen: 49.447 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039240.D

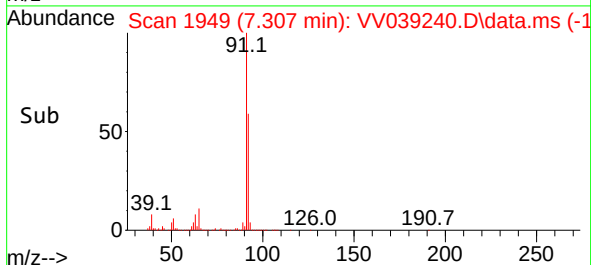
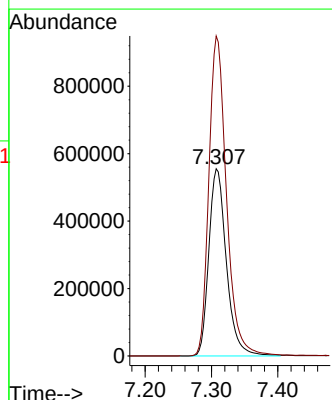
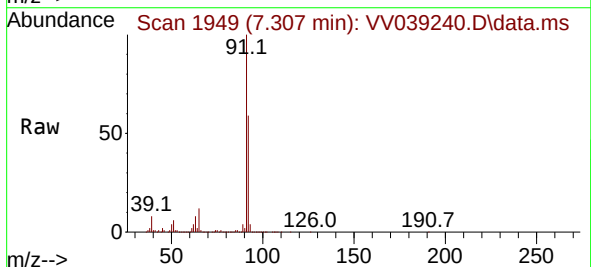
Acq: 29 Sep 2025 18:23

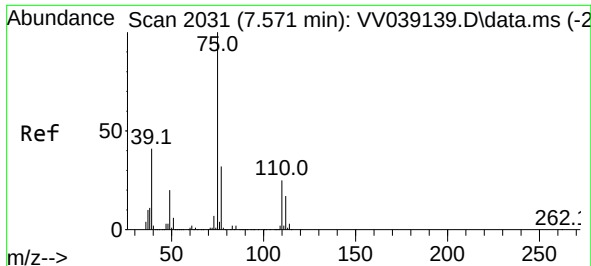
Tgt Ion: 92 Resp: 1021553

Ion Ratio Lower Upper

92 100

91 171.3 139.2 208.8

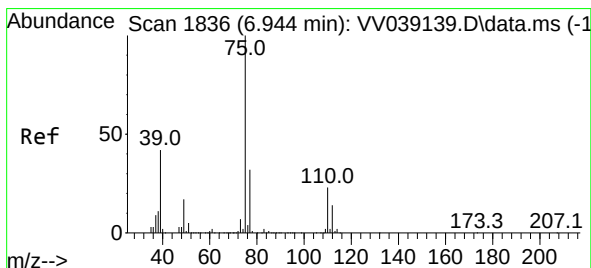
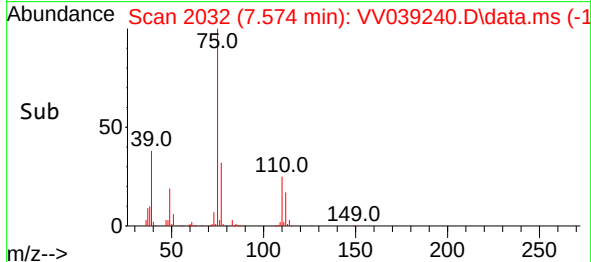
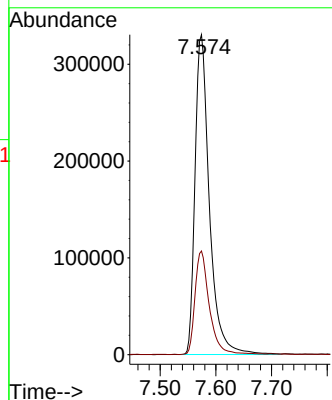
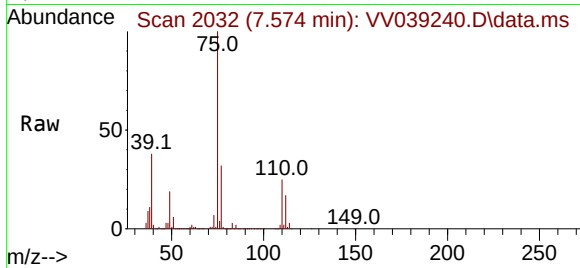




#53
 t-1,3-Dichloropropene
 Concen: 48.565 ug/l
 RT: 7.574 min Scan# 2031
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

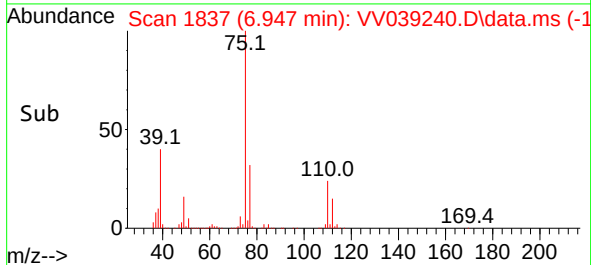
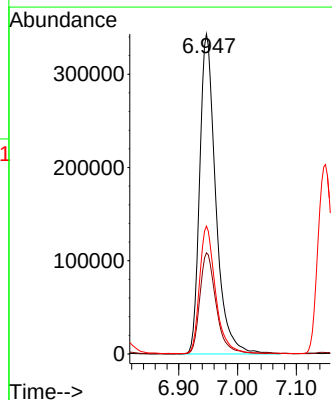
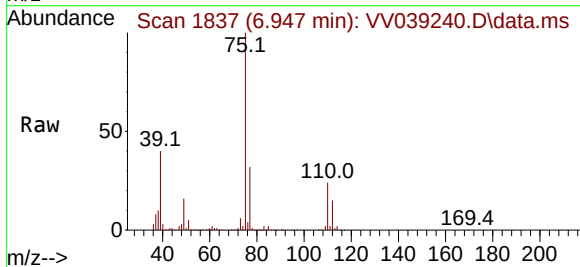
Instrument :
 MSVOA_V
 ClientSampleId :

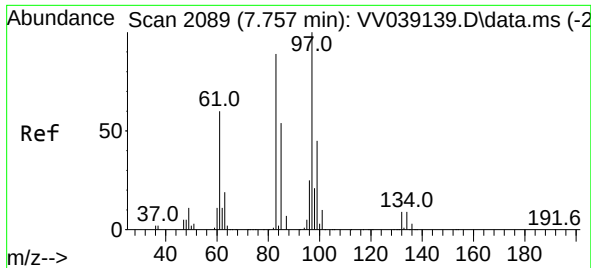
Tgt Ion: 75 Resp: 593107
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.318 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 75 Resp: 651440
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 39.8 33.8 50.6

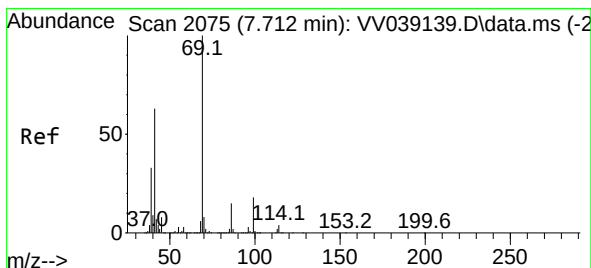
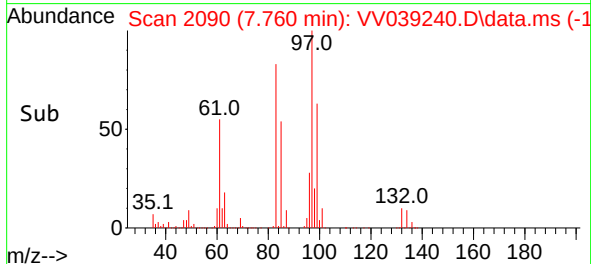
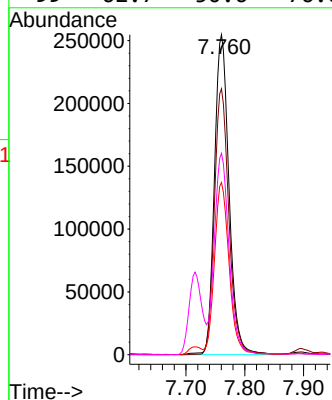
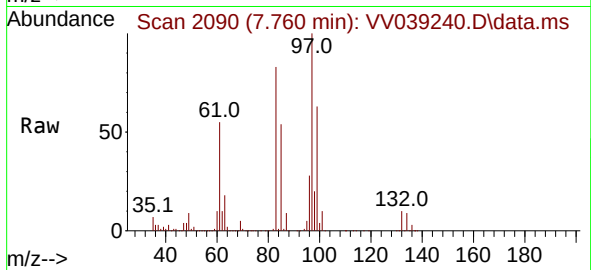




#55
 1,1,2-Trichloroethane
 Concen: 47.461 ug/l
 RT: 7.760 min Scan# 2089
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

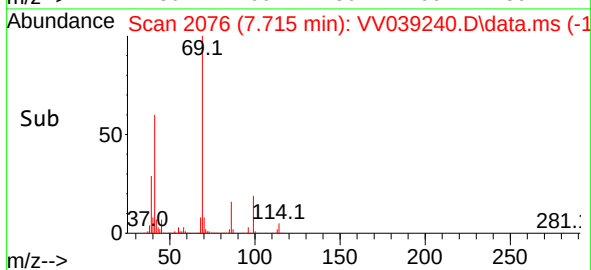
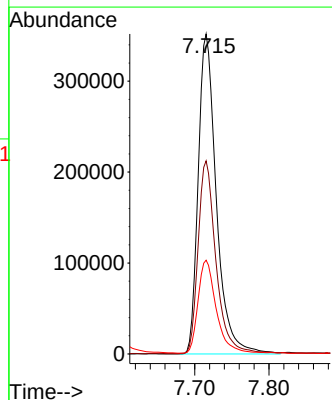
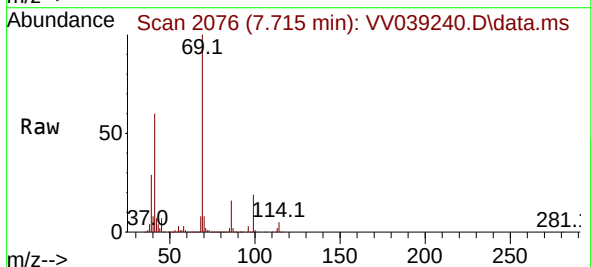
Instrument :
 MSVOA_V
 ClientSampleId :

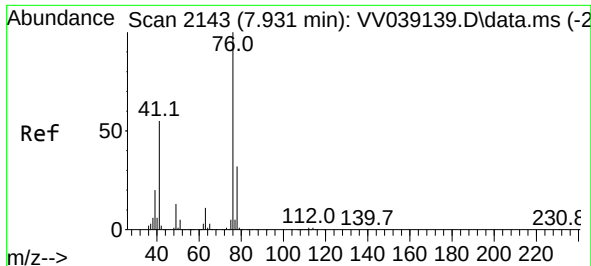
Tgt Ion: 97	Resp: 439648
Ion Ratio	Lower Upper
97 100	
83 83.1	71.1 106.7
85 53.7	44.6 67.0
99 62.7	50.6 76.0



#56
 Ethyl methacrylate
 Concen: 54.394 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 69	Resp: 598387
Ion Ratio	Lower Upper
69 100	
41 59.9	50.7 76.1
39 29.2	26.0 39.0





#57

1,3-Dichloropropane

Concen: 46.771 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

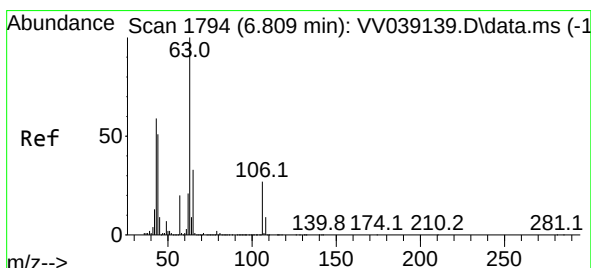
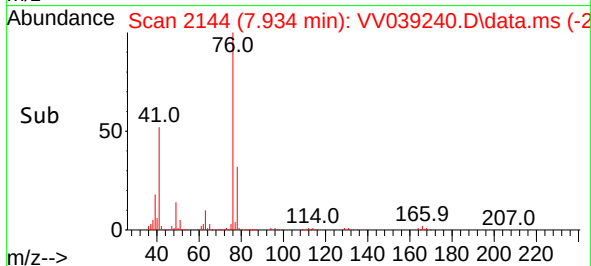
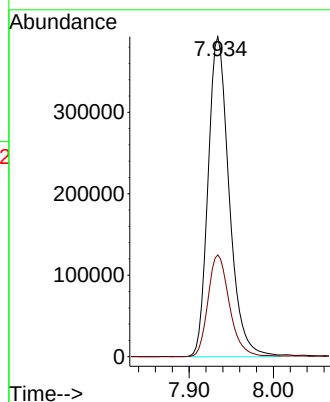
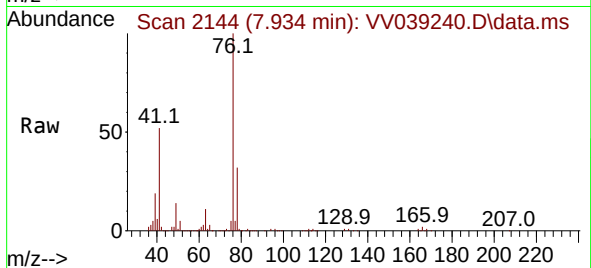
ClientSampleId :

Tgt Ion: 76 Resp: 683754

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 202.413 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039240.D

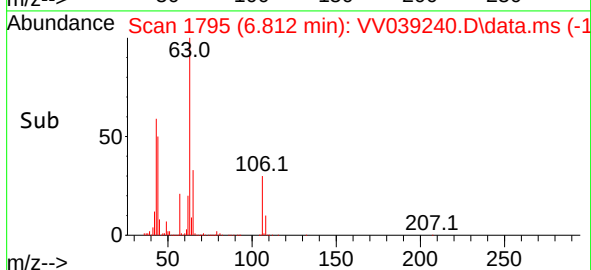
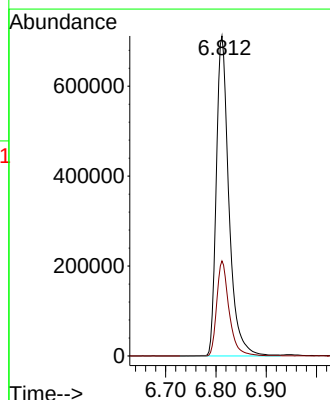
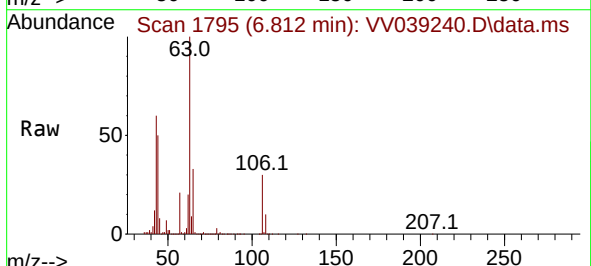
Acq: 29 Sep 2025 18:23

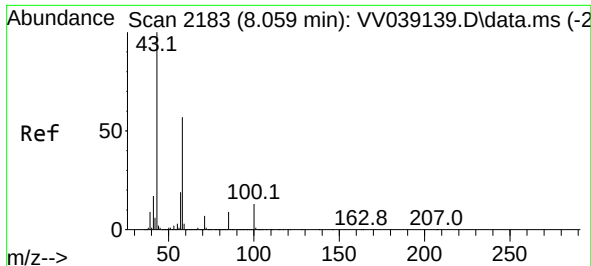
Tgt Ion: 63 Resp: 1245486

Ion Ratio Lower Upper

63 100

106 29.1 22.1 33.1

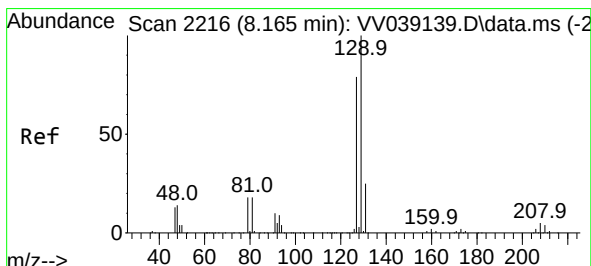
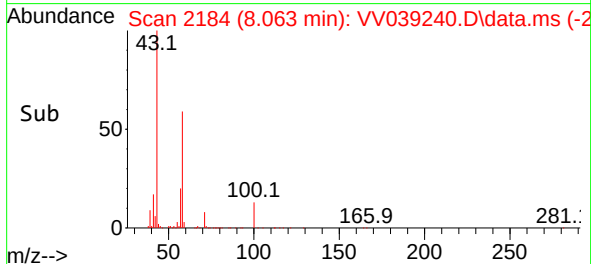
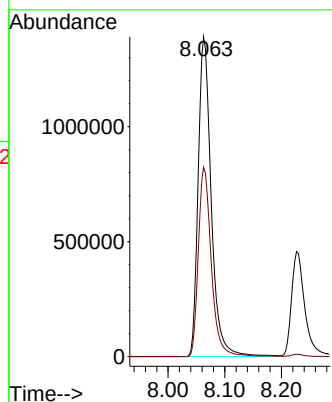
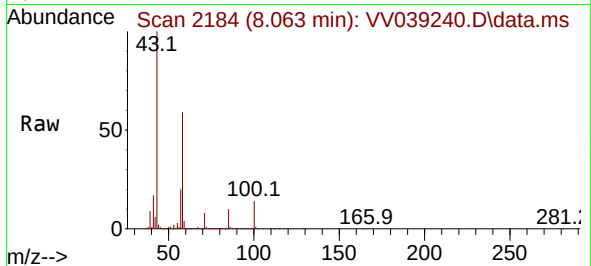




#59
2-Hexanone
Concen: 231.492 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.004 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

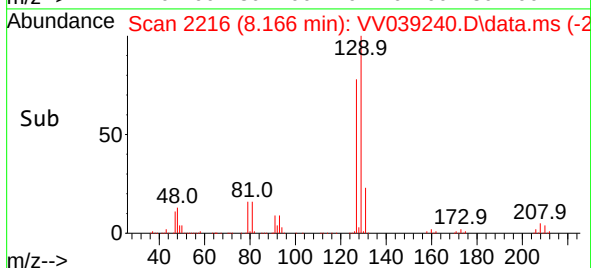
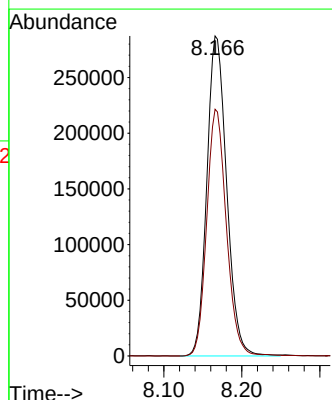
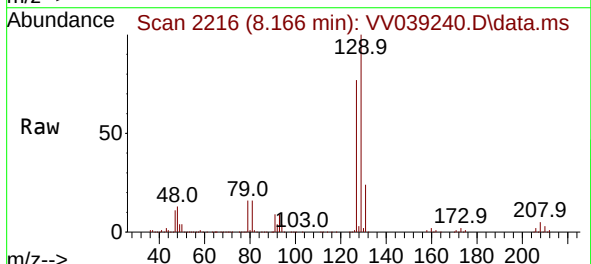
Instrument :
MSVOA_V
ClientSampleId :

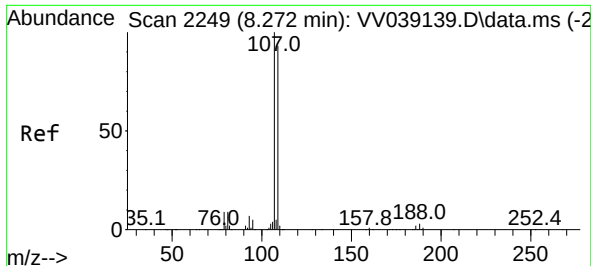
Tgt Ion: 43 Resp: 2223832
Ion Ratio Lower Upper
43 100
58 58.9 28.3 85.0



#60
Dibromochloromethane
Concen: 48.019 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:129 Resp: 506852
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.9

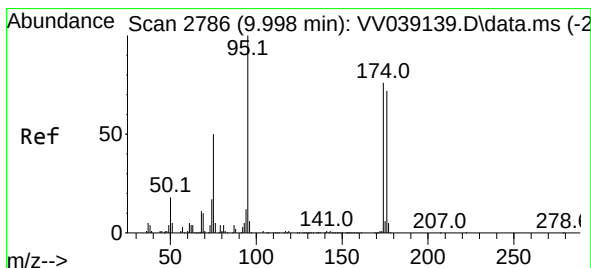
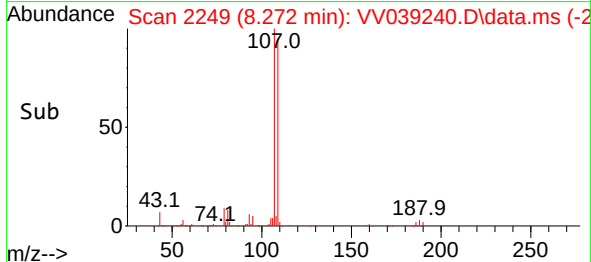
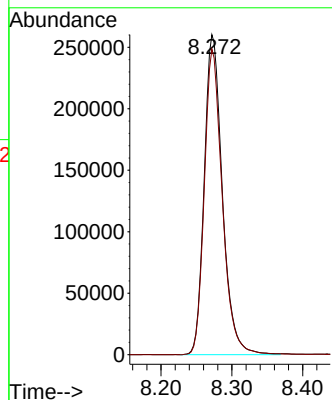
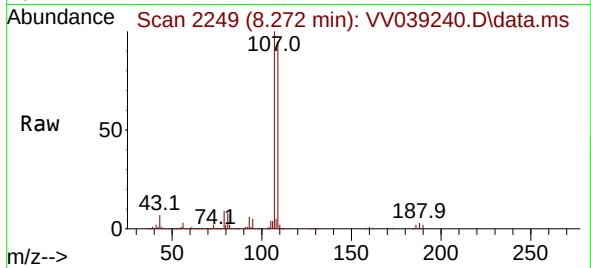




#61
1,2-Dibromoethane
Concen: 48.822 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

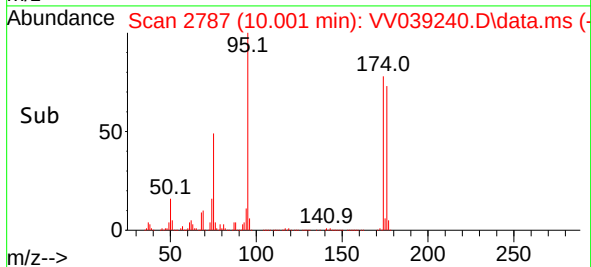
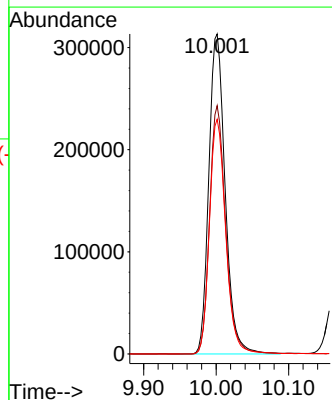
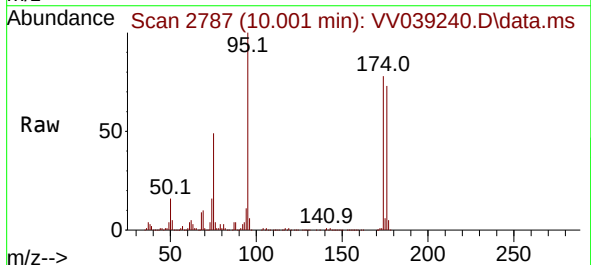
Instrument :
MSVOA_V
ClientSampleId :

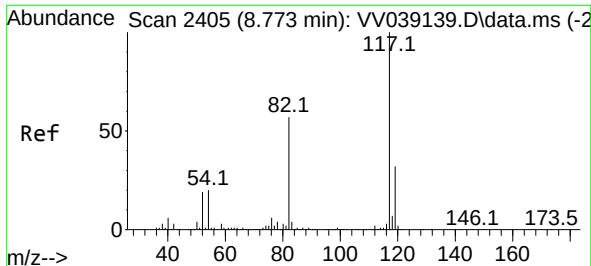
Tgt Ion:107 Resp: 462516
Ion Ratio Lower Upper
107 100
109 94.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 56.054 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 95 Resp: 490511
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.4
176 73.1 0.0 144.2

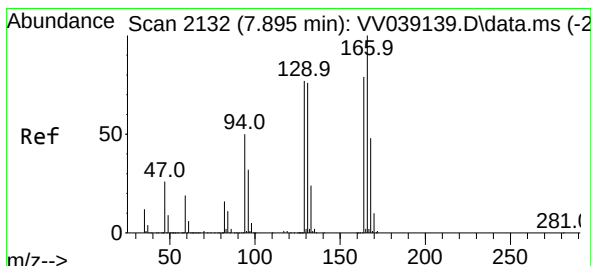
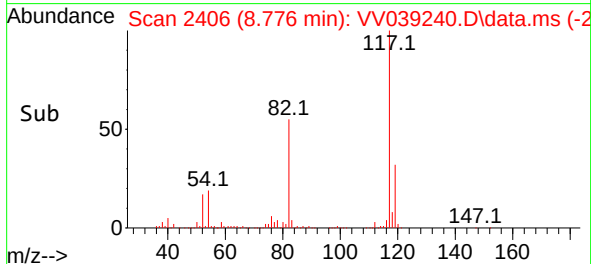
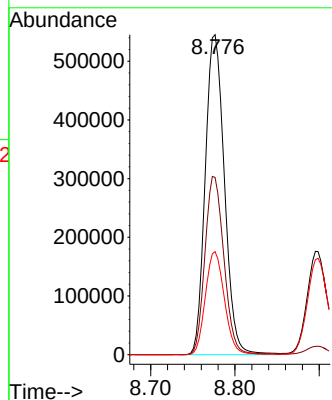
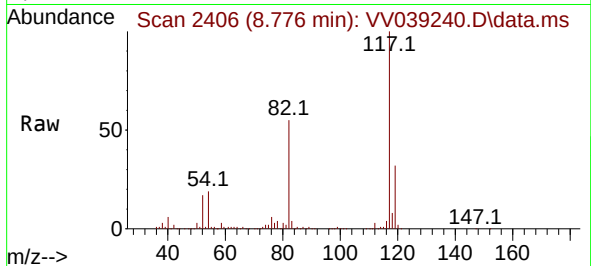




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

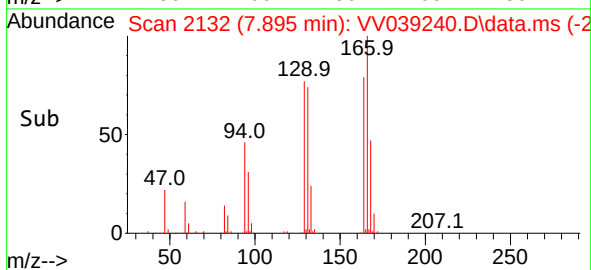
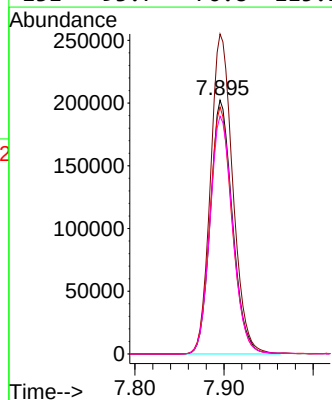
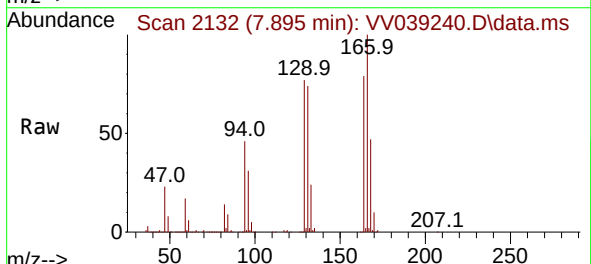
Instrument :
MSVOA_V
ClientSampleId :

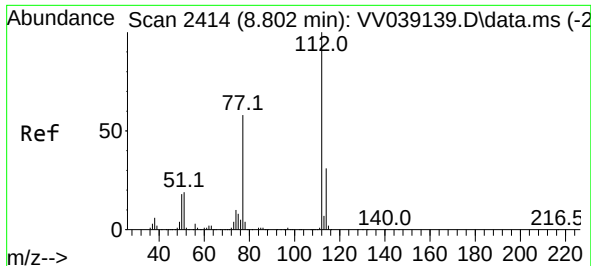
Tgt Ion:117 Resp: 866177
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 48.000 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:164 Resp: 348240
Ion Ratio Lower Upper
164 100
166 126.1 101.6 152.4
129 97.4 78.5 117.7
131 93.7 76.8 115.2

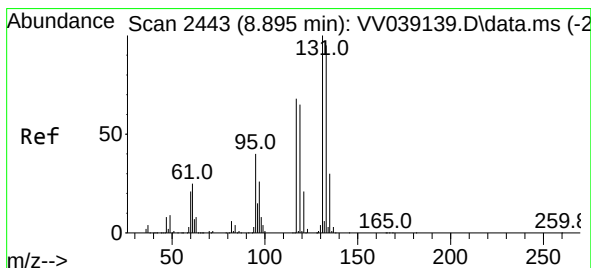
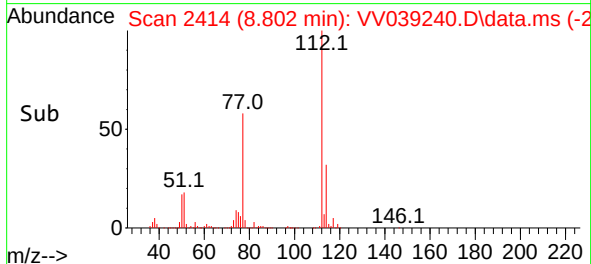
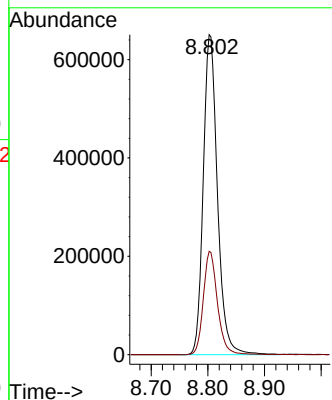
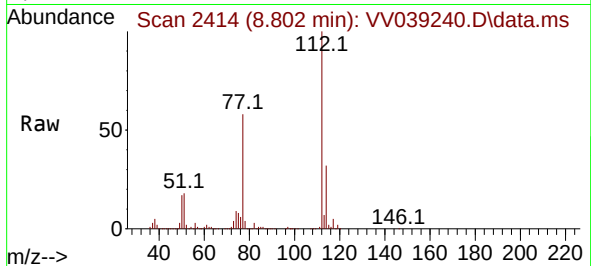




#65
Chlorobenzene
Concen: 46.934 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

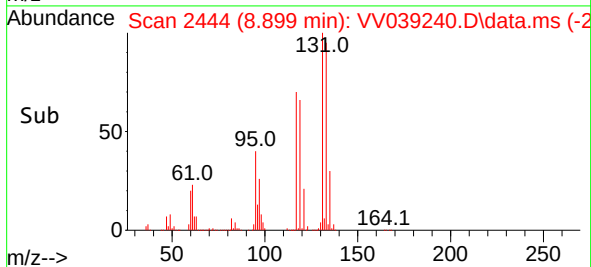
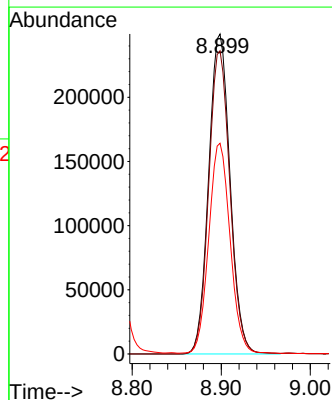
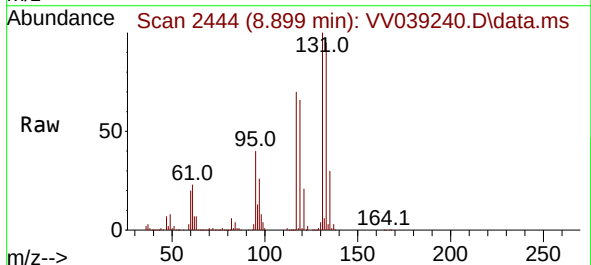
Instrument :
MSVOA_V
ClientSampleId :

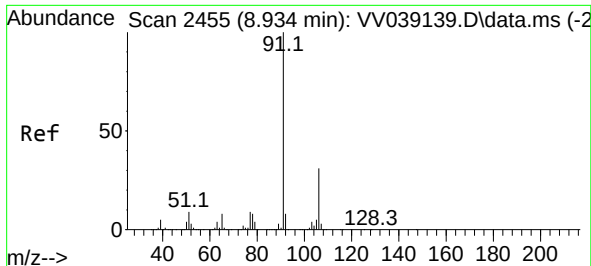
Tgt Ion:112 Resp: 1132376
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.731 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:131 Resp: 416105
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 50.838 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

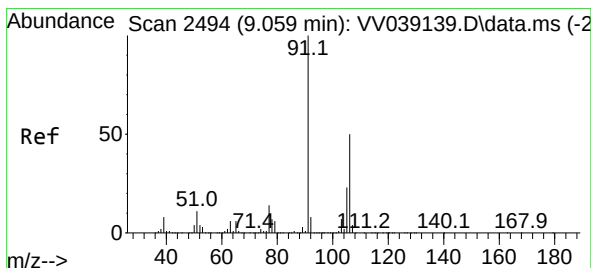
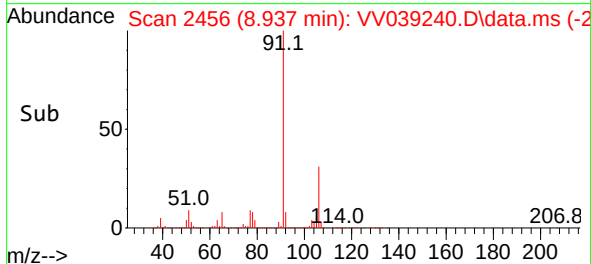
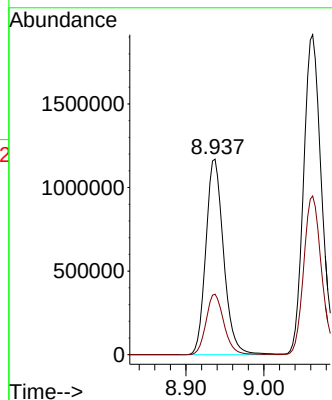
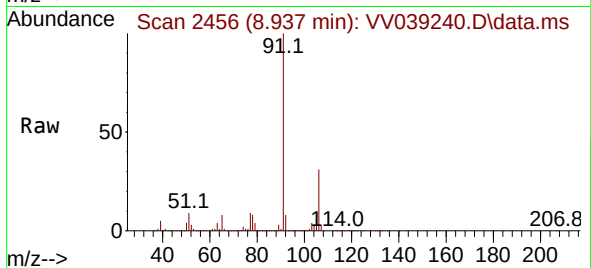
ClientSampleId :

Tgt Ion: 91 Resp: 1856667

Ion Ratio Lower Upper

91 100

106 30.9 24.6 37.0



#68

m/p-Xylenes

Concen: 107.875 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039240.D

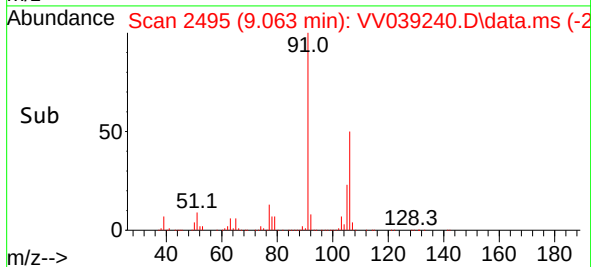
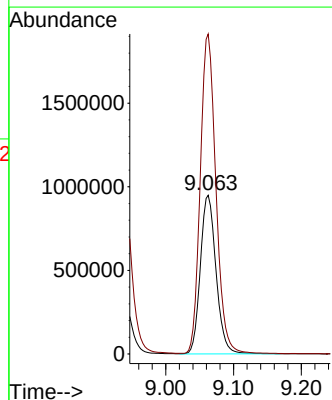
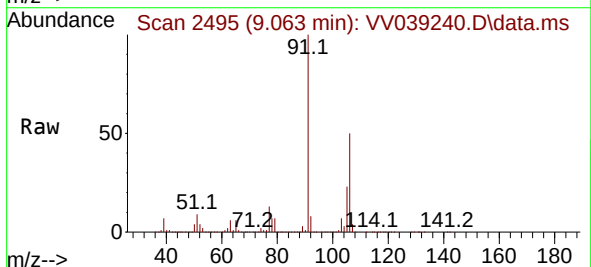
Acq: 29 Sep 2025 18:23

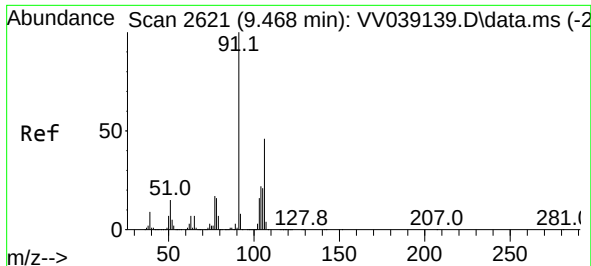
Tgt Ion: 106 Resp: 1520585

Ion Ratio Lower Upper

106 100

91 201.5 162.5 243.7

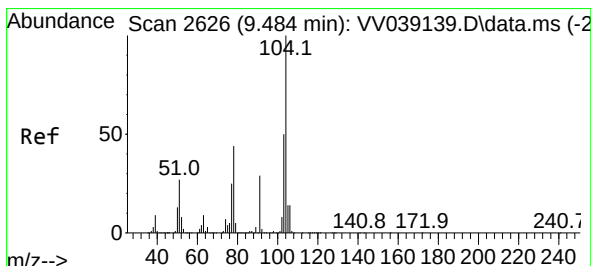
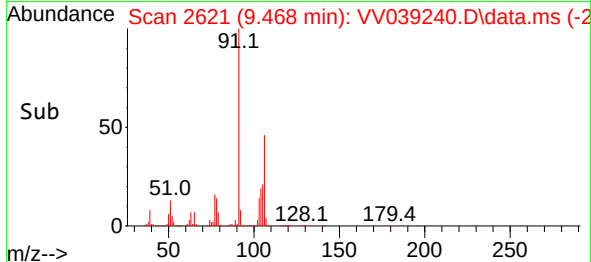
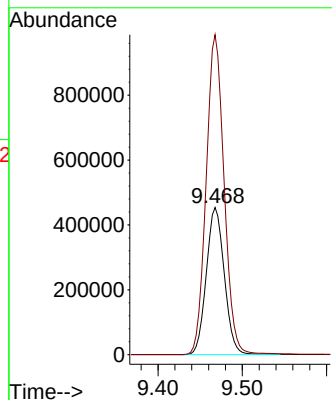
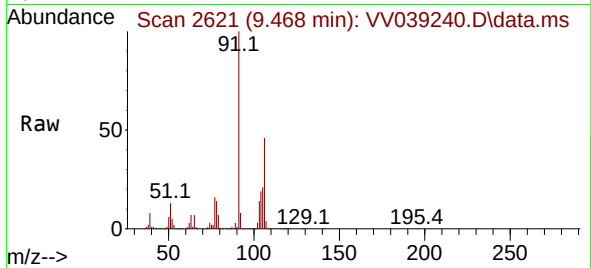




#69
o-Xylene
Concen: 54.066 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

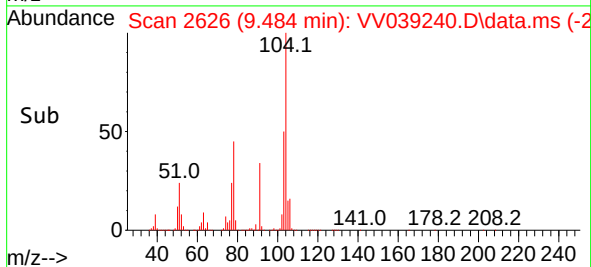
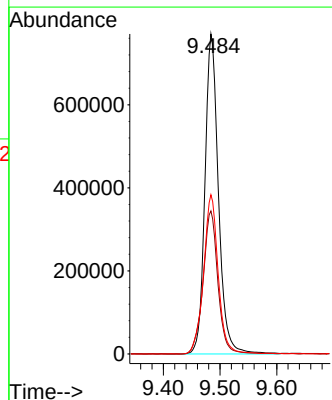
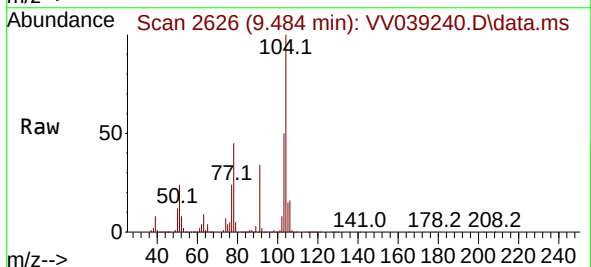
Instrument :
MSVOA_V
ClientSampleId :

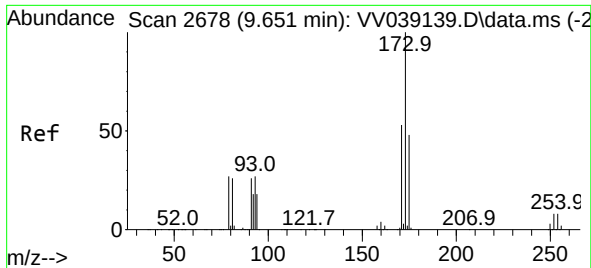
Tgt Ion:106 Resp: 674798
Ion Ratio Lower Upper
106 100
91 217.2 109.1 327.3



#70
Styrene
Concen: 48.430 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

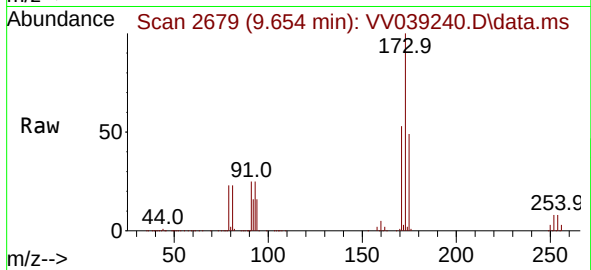
Tgt Ion:104 Resp: 1279362
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 53.8 43.4 65.2



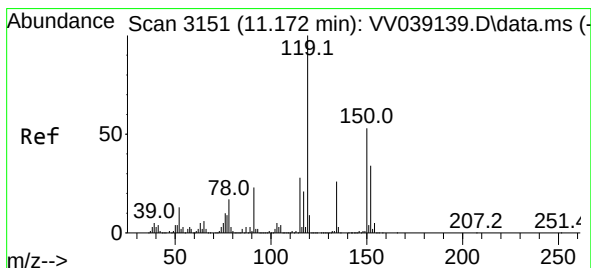
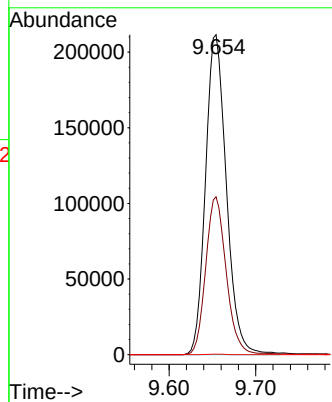
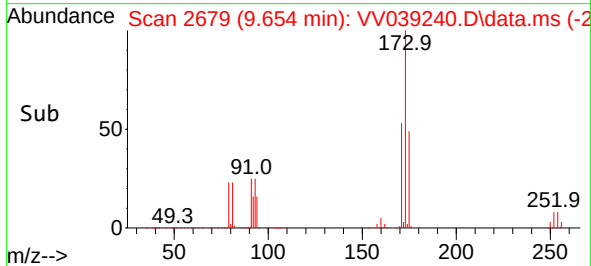


#71
Bromoform
Concen: 51.995 ug/l
RT: 9.654 min Scan# 2678
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Instrument :
MSVOA_V
ClientSampleId :

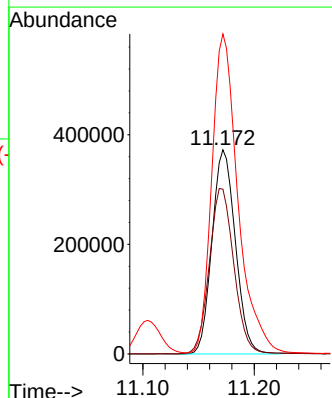
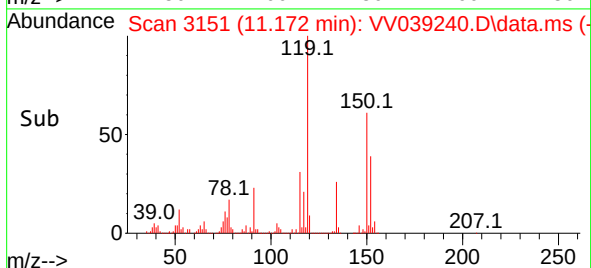
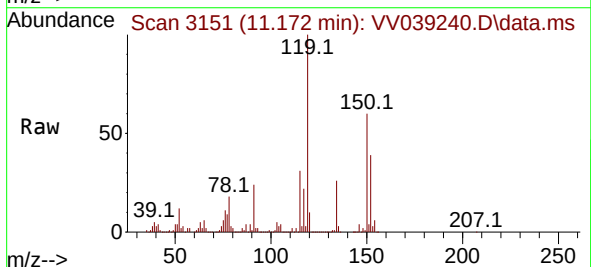


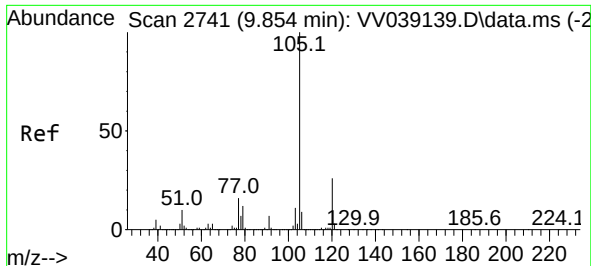
Tgt Ion:173 Resp: 354063
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:152 Resp: 543818
Ion Ratio Lower Upper
152 100
115 84.6 44.8 134.4
150 175.2 0.0 353.8

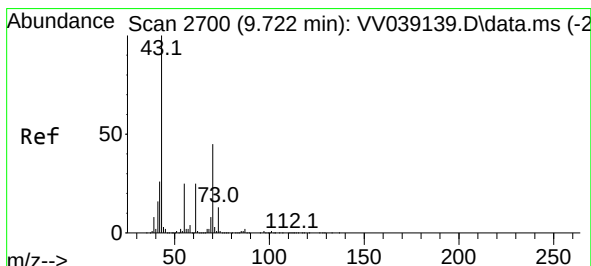
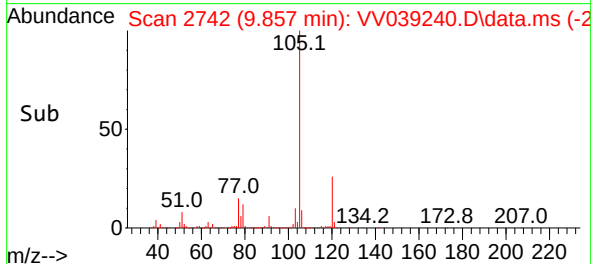
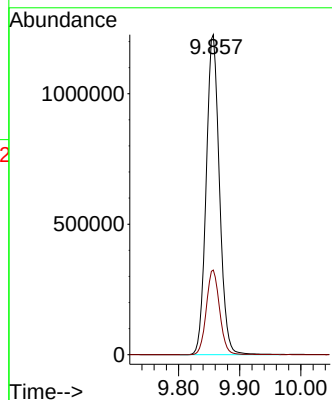
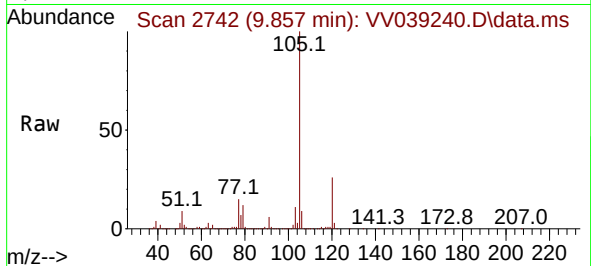




#73
Isopropylbenzene
Concen: 46.870 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

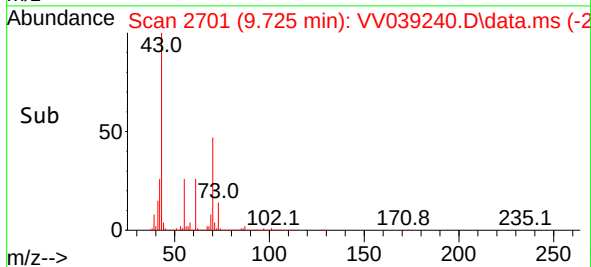
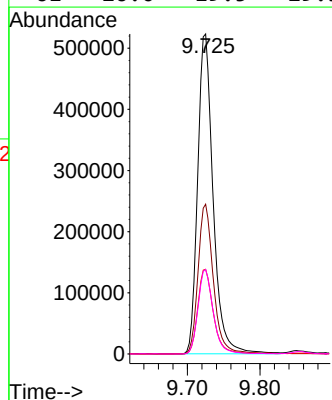
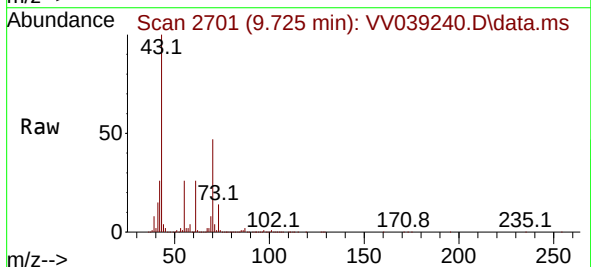
Instrument :
MSVOA_V
ClientSampleId :

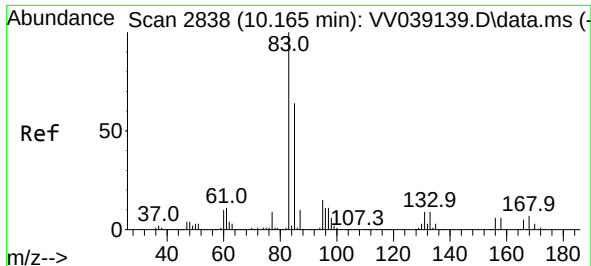
Tgt Ion:105 Resp: 1848710
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 49.187 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 43 Resp: 773873
Ion Ratio Lower Upper
43 100
70 46.5 35.4 53.0
55 26.6 20.6 30.8
61 26.0 19.5 29.3

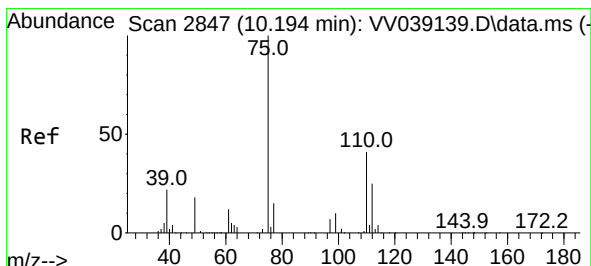
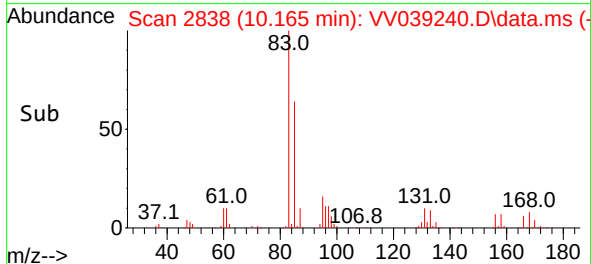
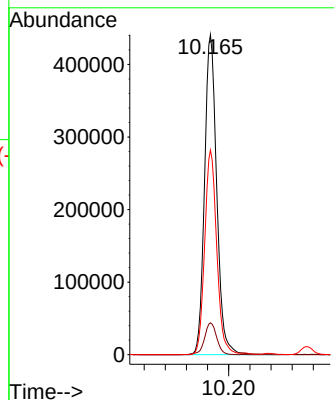
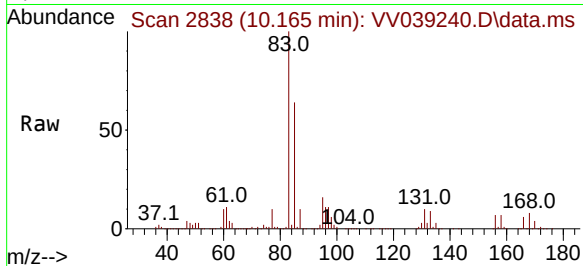




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.734 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

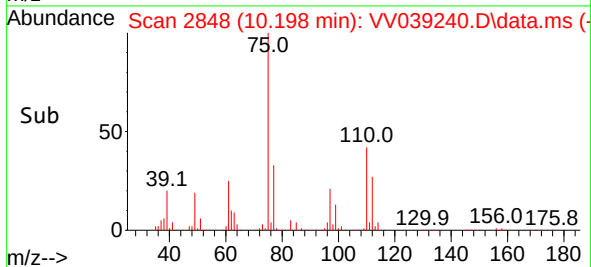
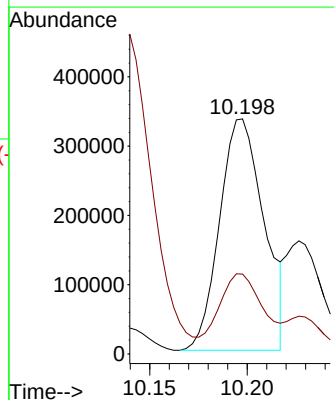
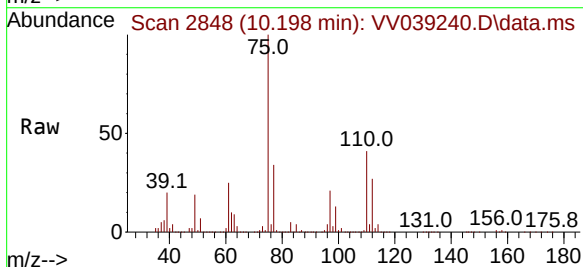
Instrument :
 MSVOA_V
 ClientSampleId :

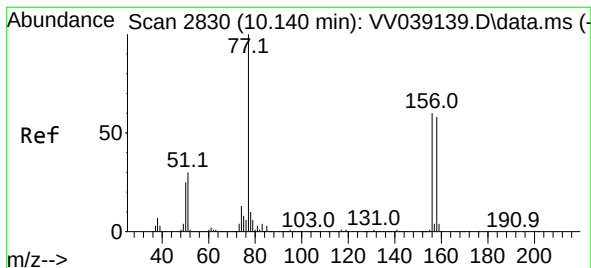
Tgt Ion: 83 Resp: 703973
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.5 13.7
 85 63.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 42.833 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion: 75 Resp: 530357
 Ion Ratio Lower Upper
 75 100
 77 23.7 11.3 33.8





#77

Bromobenzene

Concen: 47.059 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

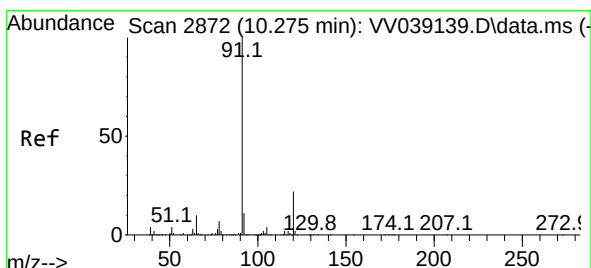
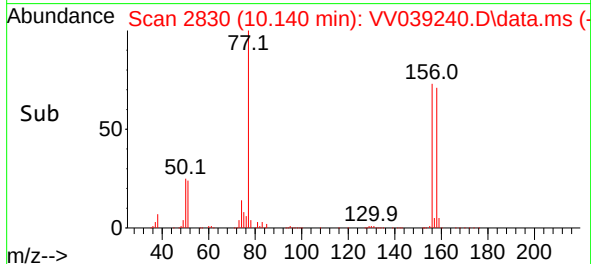
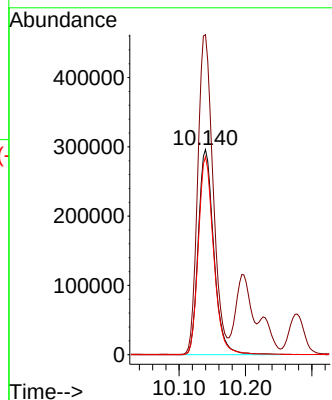
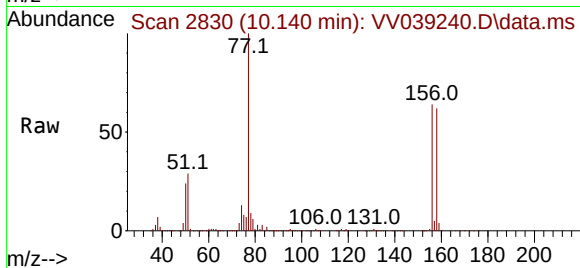
Tgt Ion:156 Resp: 481573

Ion Ratio Lower Upper

156 100

77 154.2 83.4 250.1

158 95.1 48.8 146.4



#78

n-propylbenzene

Concen: 46.597 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039240.D

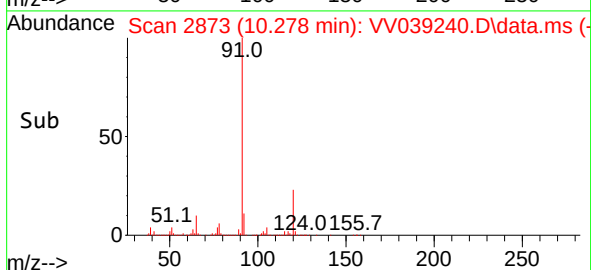
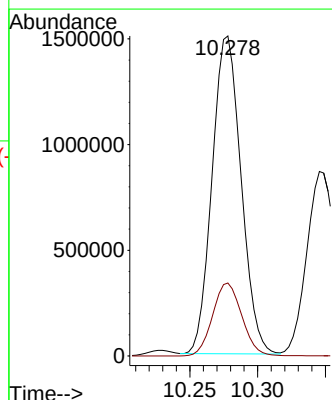
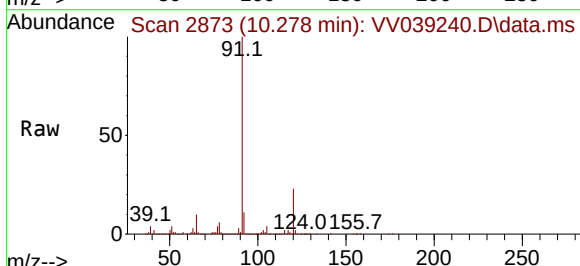
Acq: 29 Sep 2025 18:23

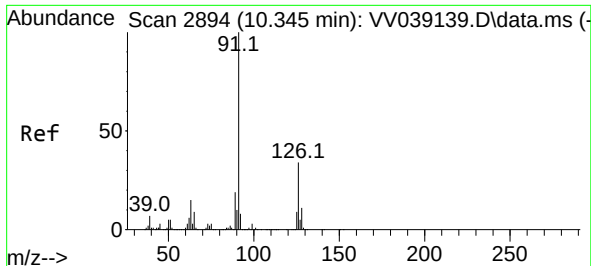
Tgt Ion: 91 Resp: 2238148

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.3

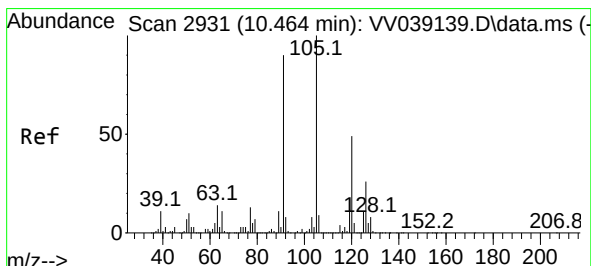
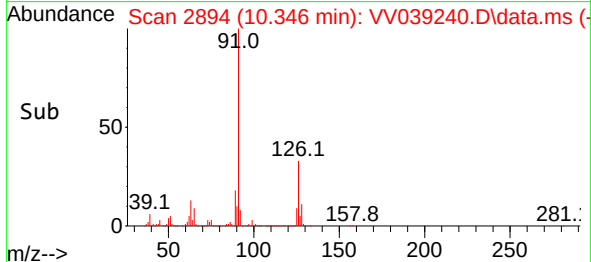
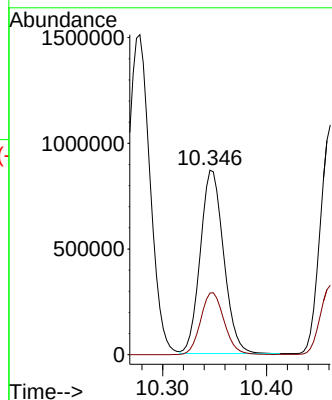
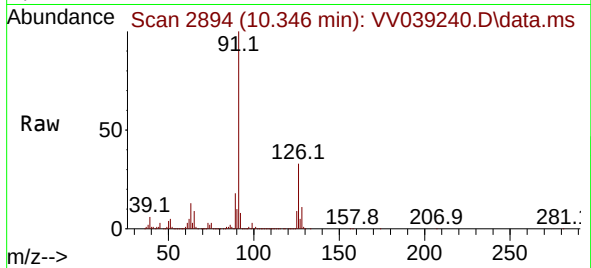




#79
2-Chlorotoluene
Concen: 47.245 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

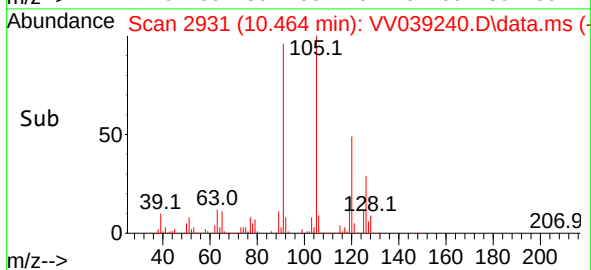
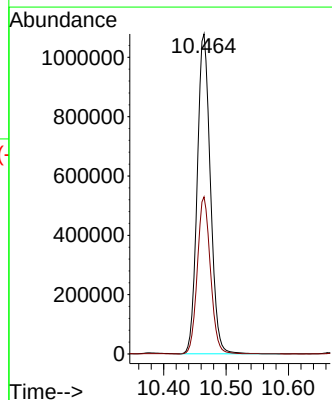
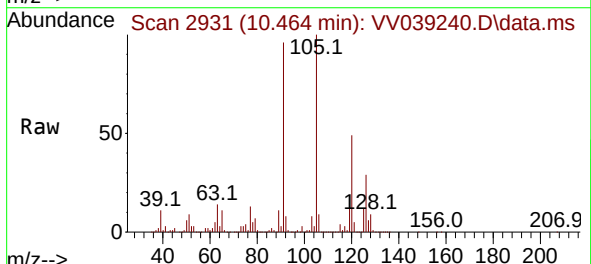
Instrument :
MSVOA_V
ClientSampleId :

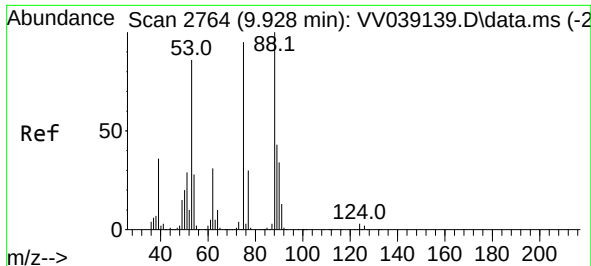
Tgt Ion: 91 Resp: 1357873
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 48.280 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:105 Resp: 1582851
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

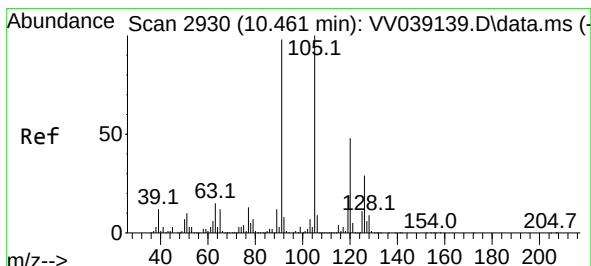
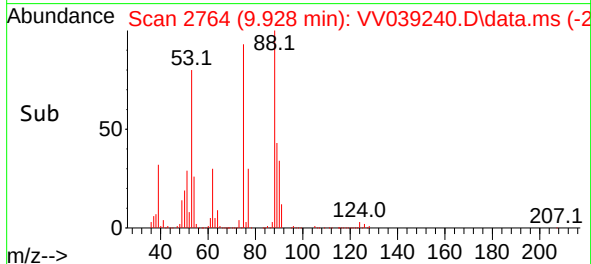
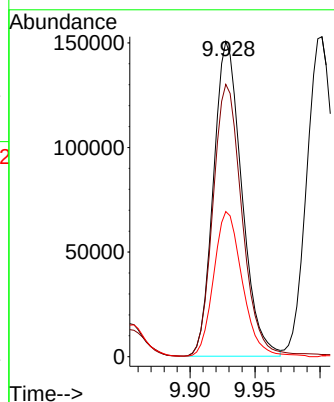
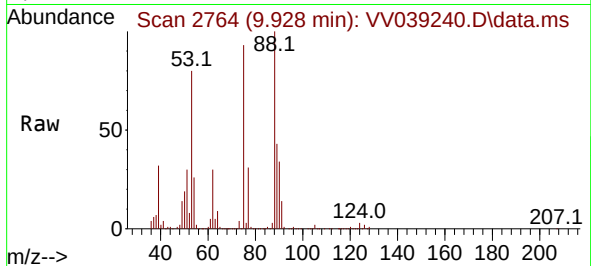




#81
trans-1,4-Dichloro-2-butene
Concen: 44.166 ug/l
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

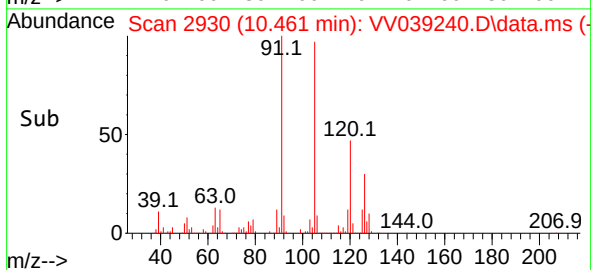
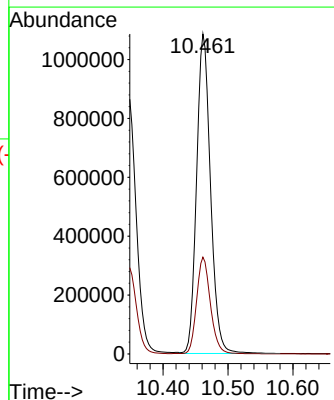
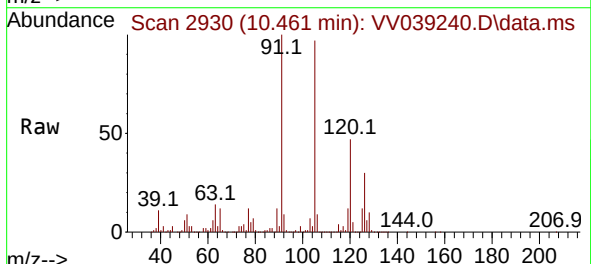
Instrument :
MSVOA_V
ClientSampleId :

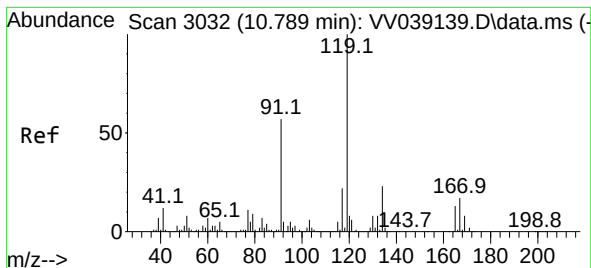
Tgt Ion: 75 Resp: 227792
Ion Ratio Lower Upper
75 100
53 89.5 72.5 108.7
89 46.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.622 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 91 Resp: 1620440
Ion Ratio Lower Upper
91 100
126 30.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 46.049 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

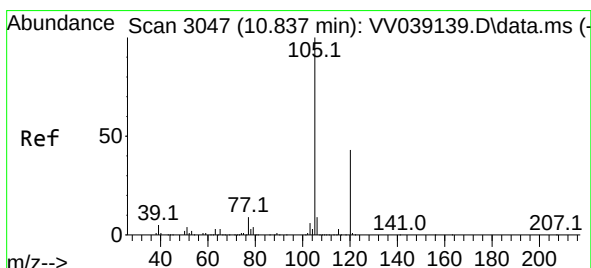
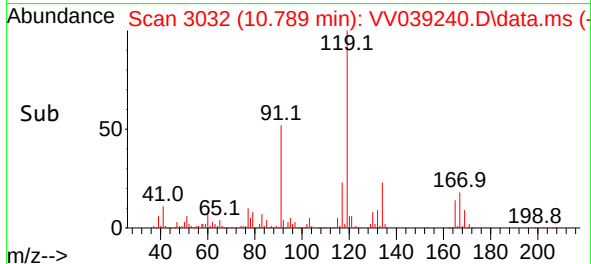
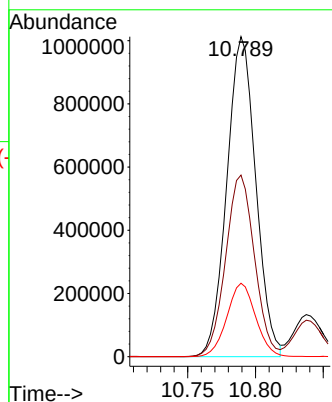
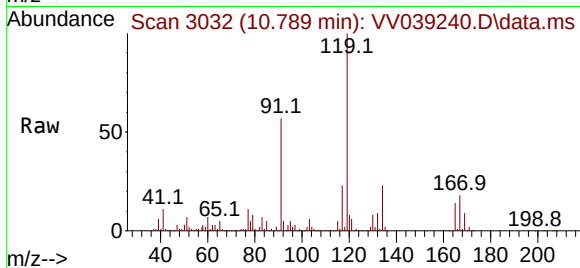
Tgt Ion:119 Resp: 1505420

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 50.384 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039240.D

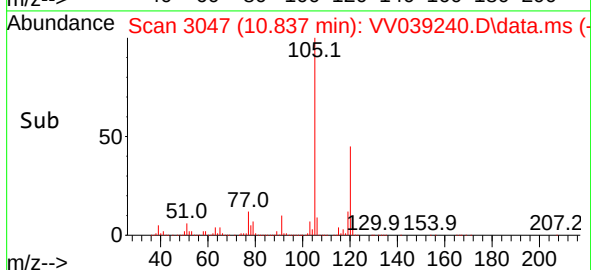
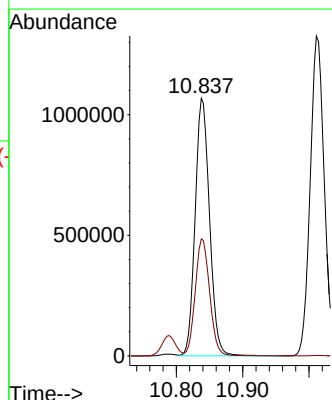
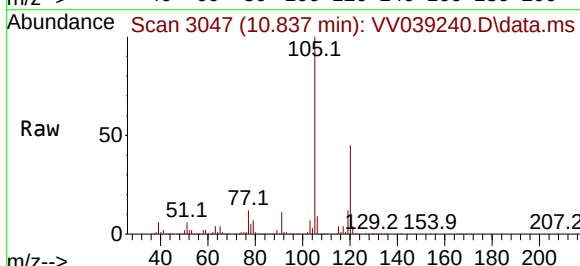
Acq: 29 Sep 2025 18:23

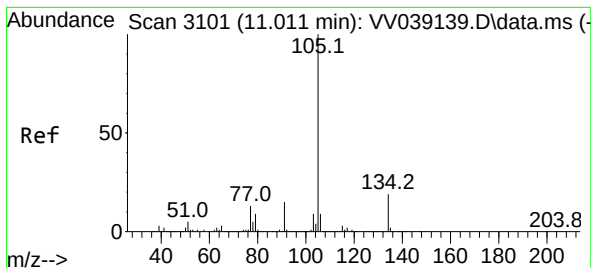
Tgt Ion:105 Resp: 1603654

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 44.968 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

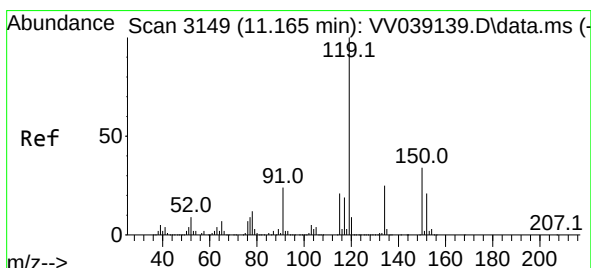
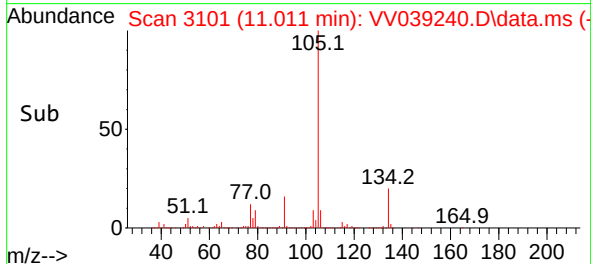
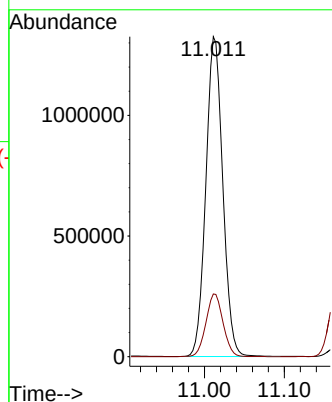
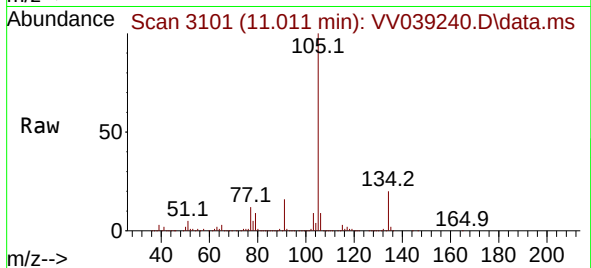
ClientSampleId :

Tgt Ion:105 Resp: 1949858

Ion Ratio Lower Upper

105 100

134 19.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 45.984 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

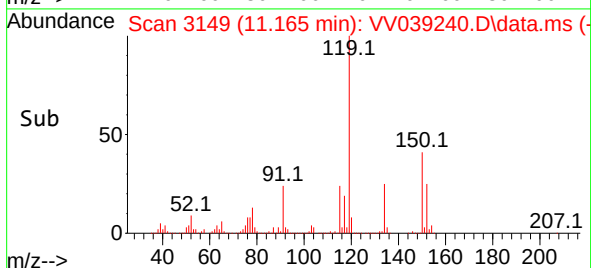
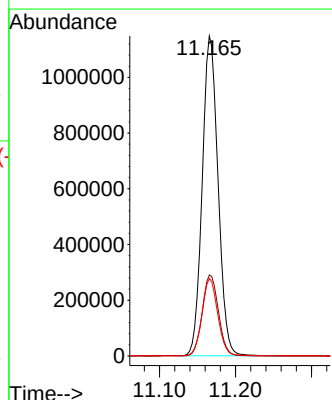
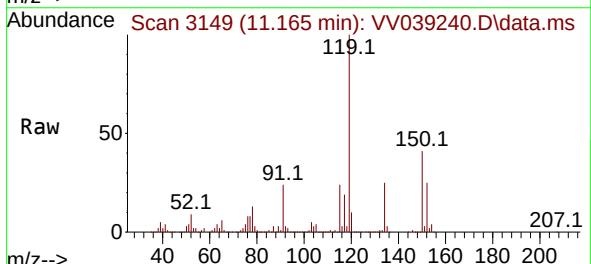
Tgt Ion:119 Resp: 1659546

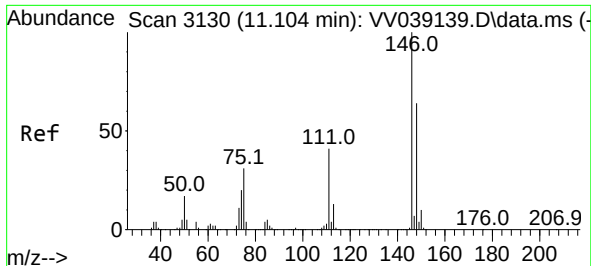
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 23.9 12.0 36.1

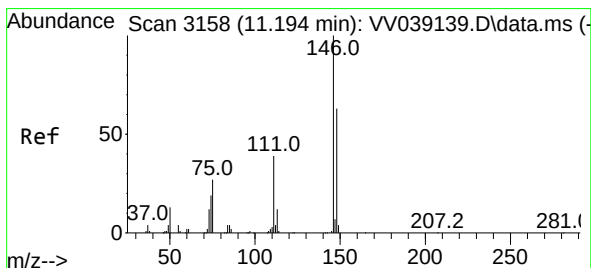
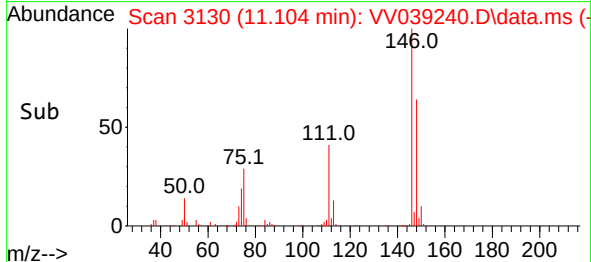
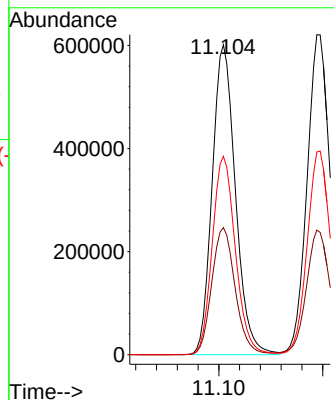
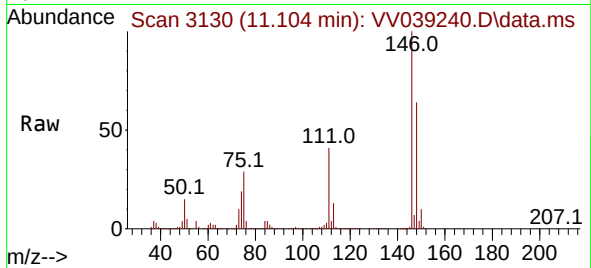




#87
 1,3-Dichlorobenzene
 Concen: 45.074 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

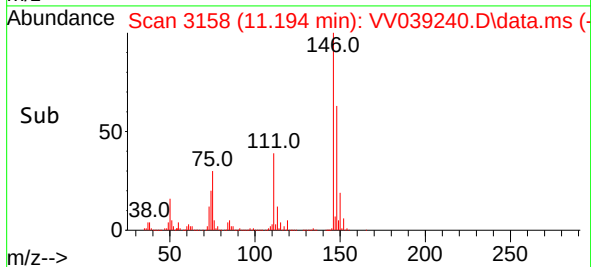
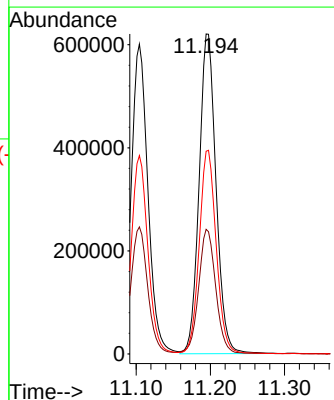
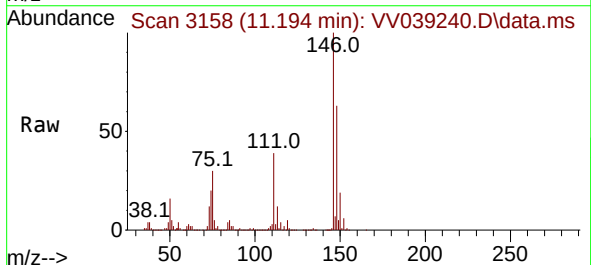
Instrument :
 MSVOA_V
 ClientSampleId :

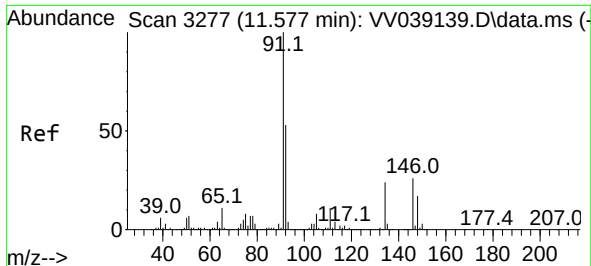
Tgt Ion:146 Resp: 933520
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.343 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039240.D
 Acq: 29 Sep 2025 18:23

Tgt Ion:146 Resp: 984844
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 63.7 31.4 94.2

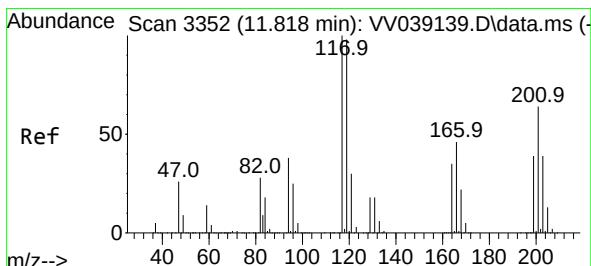
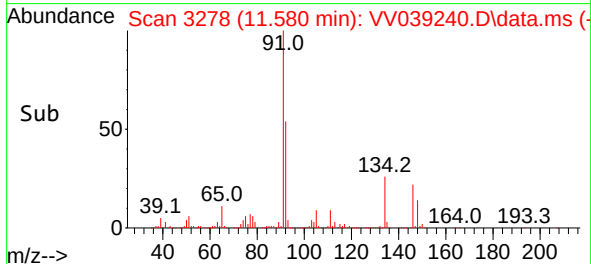
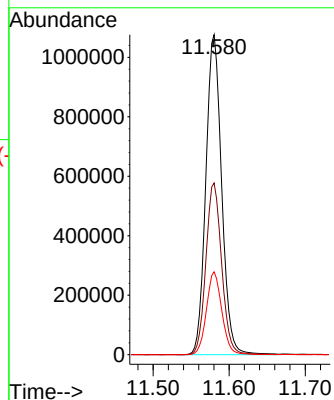
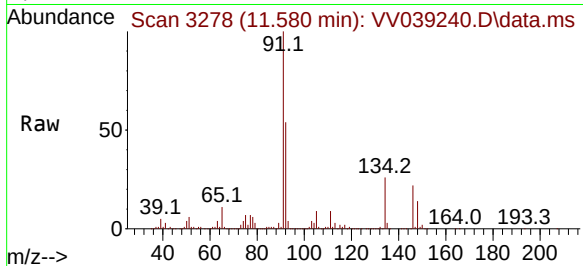




#89
n-Butylbenzene
Concen: 45.163 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

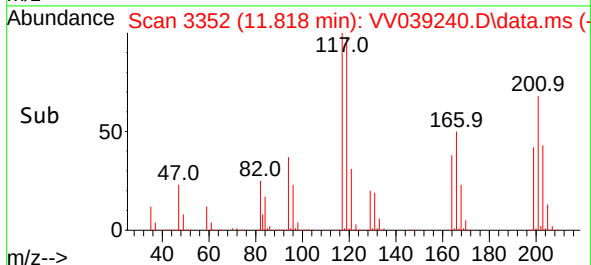
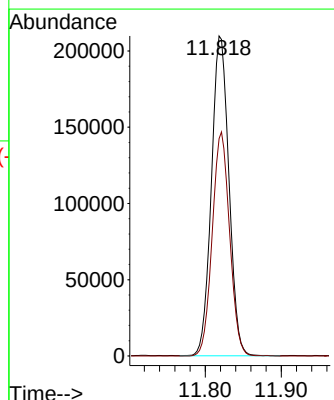
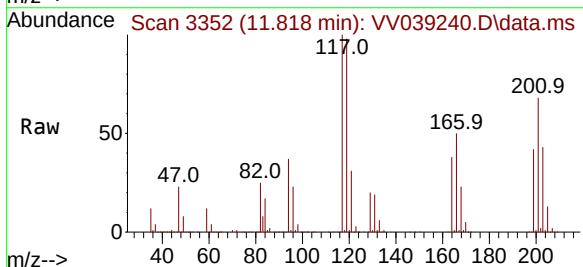
Instrument :
MSVOA_V
ClientSampleId :

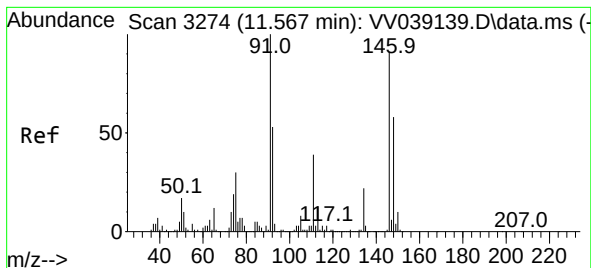
Tgt Ion: 91 Resp: 1556647
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.2 12.1 36.3



#90
Hexachloroethane
Concen: 37.648 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion: 117 Resp: 334589
Ion Ratio Lower Upper
117 100
201 69.5 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 45.526 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

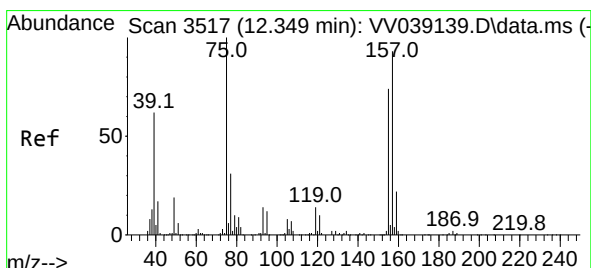
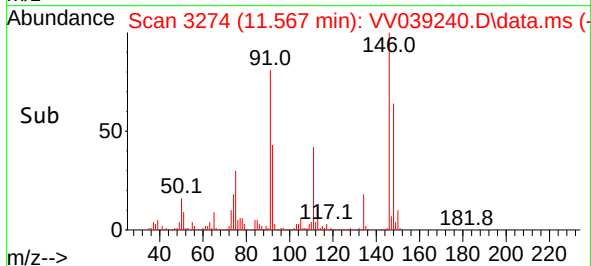
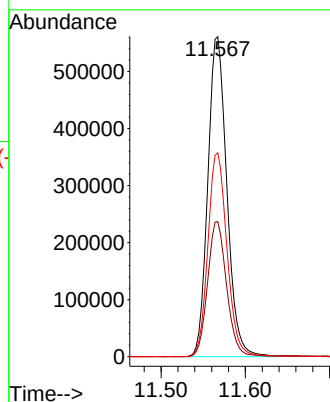
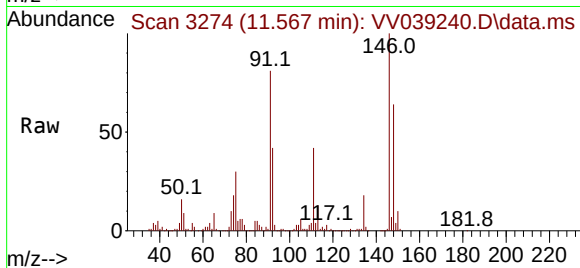
Tgt Ion:146 Resp: 880915

Ion Ratio Lower Upper

146 100

111 42.5 21.5 64.5

148 64.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.180 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

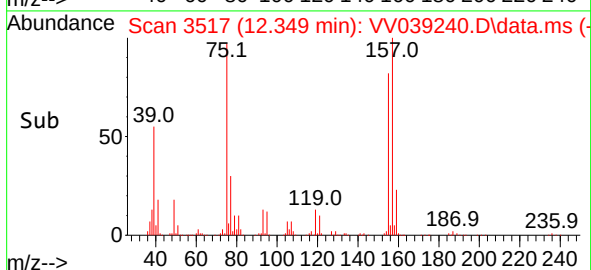
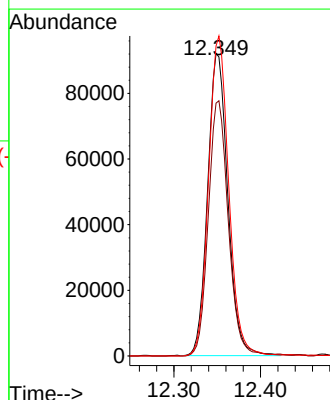
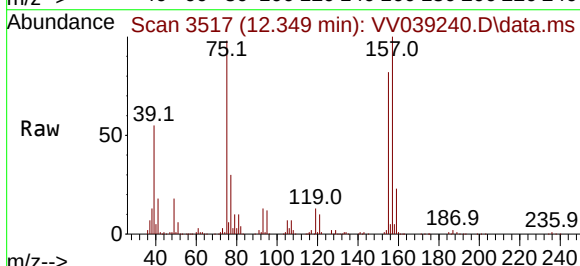
Tgt Ion: 75 Resp: 149548

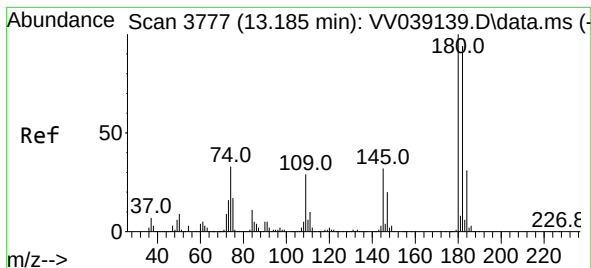
Ion Ratio Lower Upper

75 100

155 83.5 38.6 115.8

157 105.6 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 47.619 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

Instrument :

MSVOA_V

ClientSampleId :

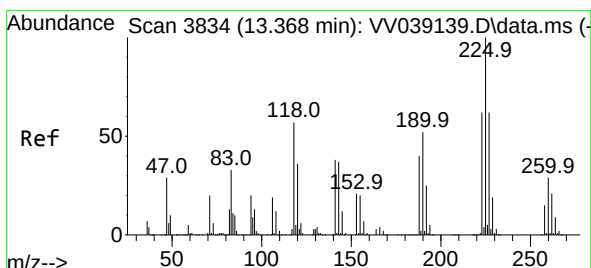
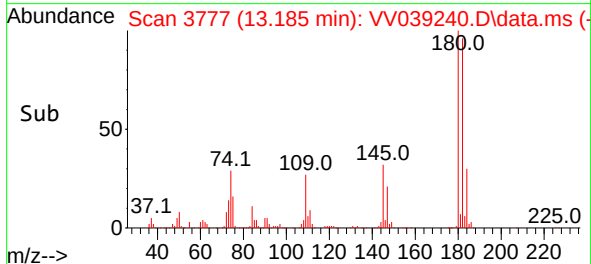
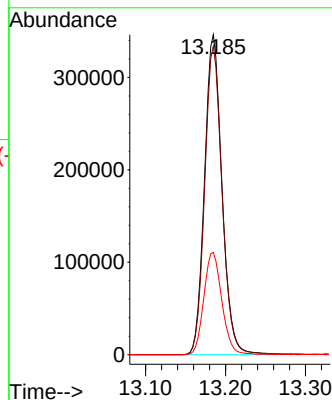
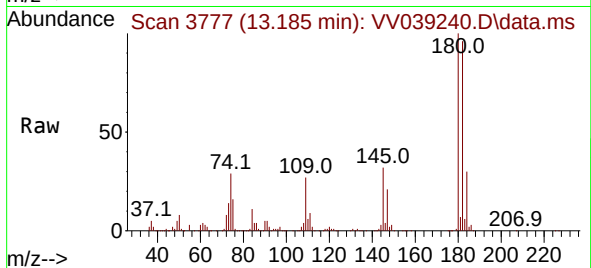
Tgt Ion:180 Resp: 528187

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.4

145 32.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 36.746 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039240.D

Acq: 29 Sep 2025 18:23

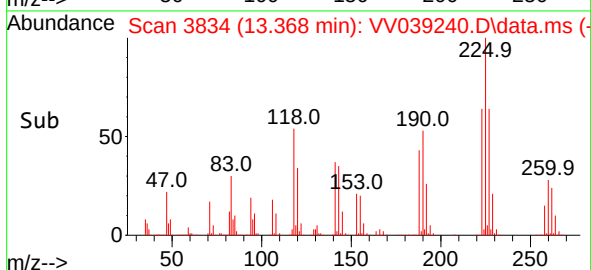
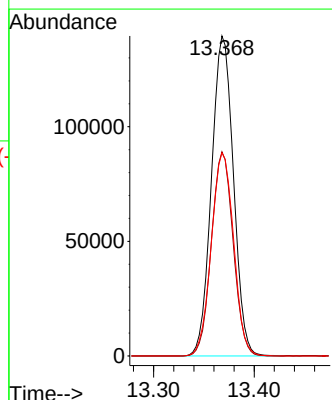
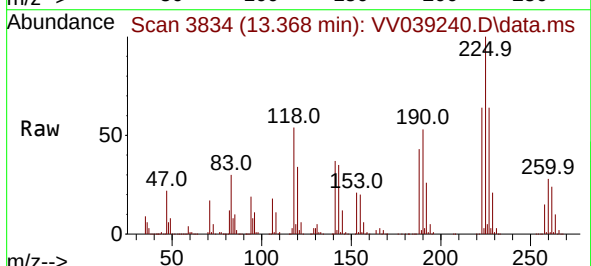
Tgt Ion:225 Resp: 211786

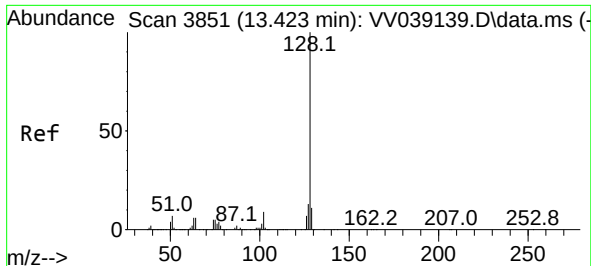
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.7

227 64.5 31.8 95.4

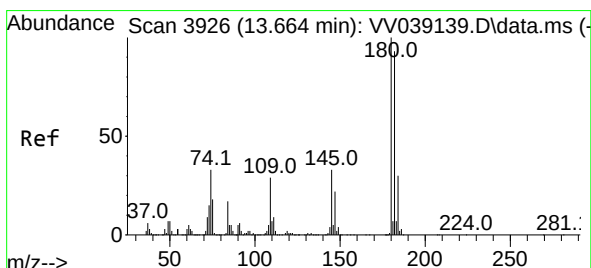
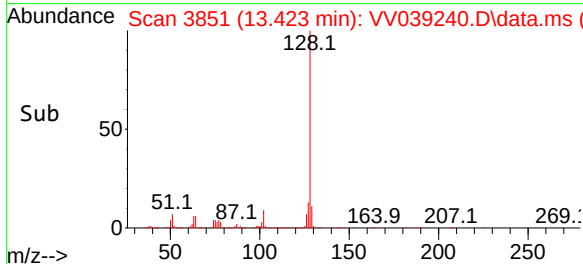
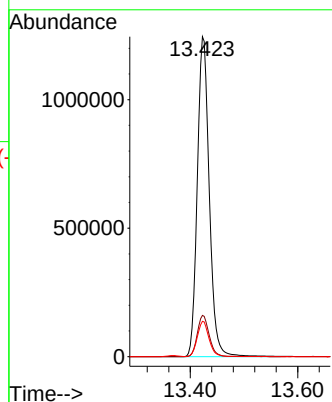
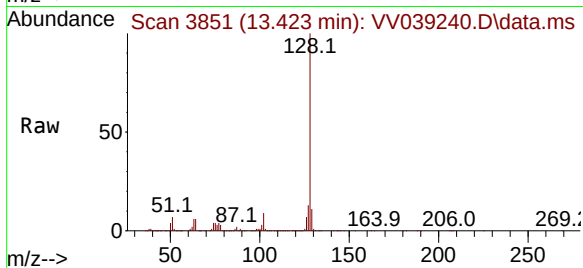




#95
Naphthalene
Concen: 53.612 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1922063
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.016 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. 0.000 min
Lab File: VV039240.D
Acq: 29 Sep 2025 18:23

Tgt Ion:180 Resp: 544724
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.8
145 34.4 17.0 51.0

