

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039009.D
 Acq On : 22 Aug 2025 09:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	735484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1263798	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1133330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	484915	46.987	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.980%
35) Dibromofluoromethane	4.497	113	420445	44.361	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	88.720%
50) Toluene-d8	7.233	98	1459428	44.158	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.320%#
62) 4-Bromofluorobenzene	9.998	95	559387	46.267	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	92.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	441905	40.193	ug/l	98
3) Chloromethane	1.230	50	430616	37.917	ug/l	99
4) Vinyl Chloride	1.294	62	508177	42.408	ug/l	97
5) Bromomethane	1.491	94	255375	39.434	ug/l	98
6) Chloroethane	1.558	64	344904	56.484	ug/l	99
7) Trichlorofluoromethane	1.722	101	772663	47.068	ug/l	99
8) Diethyl Ether	1.915	74	304837	60.384	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.079	101	470637	51.939	ug/l	93
10) Methyl Iodide	2.195	142	536425	47.582	ug/l	95
11) Tert butyl alcohol	2.561	59	457639	327.635	ug/l	99
12) 1,1-Dichloroethene	2.079	96	446677	53.512	ug/l	92
13) Acrolein	2.005	56	152831	344.609	ug/l	94
14) Allyl chloride	2.356	41	707837	63.512	ug/l	92
15) Acrylonitrile	2.671	53	1330781	315.255	ug/l	99
16) Acetone	2.114	43	1346373	325.050	ug/l	100
17) Carbon Disulfide	2.249	76	1315411	56.658	ug/l	99
18) Methyl Acetate	2.375	43	589312	67.125	ug/l	93
19) Methyl tert-butyl Ether	2.706	73	1535103	62.196	ug/l	97
20) Methylene Chloride	2.455	84	491090	51.019	ug/l	93
21) trans-1,2-Dichloroethene	2.700	96	463055	53.261	ug/l	96
22) Diisopropyl ether	3.208	45	1467999	59.993	ug/l	97
23) Vinyl Acetate	3.182	43	6226543	317.129	ug/l	96
24) 1,1-Dichloroethane	3.118	63	838824	51.751	ug/l	97
25) 2-Butanone	3.854	43	1690277	313.639	ug/l	98
26) 2,2-Dichloropropane	3.809	77	744857	47.904	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	552593	52.661	ug/l	96
28) Bromochloromethane	4.143	49	203759	58.409	ug/l	85
29) Tetrahydrofuran	4.227	42	1097751	305.143	ug/l	91
30) Chloroform	4.275	83	866770	46.795	ug/l	99
31) Cyclohexane	4.580	56	765473	52.931	ug/l	92
32) 1,1,1-Trichloroethane	4.510	97	785698	45.149	ug/l	98
36) 1,1-Dichloropropene	4.741	75	594967	48.338	ug/l	97
37) Ethyl Acetate	3.966	43	648648	53.938	ug/l	97
38) Carbon Tetrachloride	4.732	117	665125	40.352	ug/l	99
39) Methylcyclohexane	6.043	83	822584	52.302	ug/l	96
40) Benzene	5.005	78	1868498	48.468	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	294356	64.957	ug/l	92
42) 1,2-Dichloroethane	5.037	62	619719	43.971	ug/l	99
43) Isopropyl Acetate	5.185	43	1042203	56.797	ug/l	98
44) Trichloroethene	5.828	130	474890	45.413	ug/l	92
45) 1,2-Dichloropropane	6.085	63	468870	50.712	ug/l	100
46) Dibromomethane	6.224	93	347391	44.778	ug/l	97
47) Bromodichloromethane	6.423	83	709496	44.936	ug/l	98
48) Methyl methacrylate	6.291	41	494597	60.130	ug/l	91
49) 1,4-Dioxane	6.285	88	173330	1260.263	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	3375418	280.159	ug/l	99
52) Toluene	7.307	92	1190743	48.770	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	742660	50.315	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	787540	51.496	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	474162	44.541	ug/l	99
56) Ethyl methacrylate	7.712	69	764269	47.517	ug/l	99
57) 1,3-Dichloropropane	7.931	76	790543	47.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.805	63	1966238	261.458	ug/l	95
59) 2-Hexanone	8.059	43	2499458	218.888	ug/l	100
60) Dibromochloromethane	8.166	129	557546	43.375	ug/l	100
61) 1,2-Dibromoethane	8.272	107	516305	46.749	ug/l	98
64) Tetrachloroethene	7.895	164	394392	46.768	ug/l	98
65) Chlorobenzene	8.802	112	1309485	47.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	457543	46.644	ug/l	99
67) Ethyl Benzene	8.934	91	2268847	54.389	ug/l	100
68) m/p-Xylenes	9.059	106	1745146	107.718	ug/l	100
69) o-Xylene	9.465	106	834605	56.520	ug/l	100
70) Styrene	9.484	104	1410898	55.692	ug/l	99
71) Bromoform	9.651	173	383518	47.453	ug/l	99
73) Isopropylbenzene	9.854	105	2218800	56.306	ug/l	100
74) N-amyl acetate	9.722	43	929708	64.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	751652	48.029	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	557967	51.224	ug/l	97
77) Bromobenzene	10.140	156	521786	51.537	ug/l	97
78) n-propylbenzene	10.275	91	2687980	57.132	ug/l	100
79) 2-Chlorotoluene	10.346	91	1660553	58.783	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	1955734	58.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	269045	56.708	ug/l	99
82) 4-Chlorotoluene	10.461	91	1903644	58.468	ug/l	98
83) tert-Butylbenzene	10.789	119	1932135	58.676	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1930325	60.825	ug/l	98
85) sec-Butylbenzene	11.011	105	2512016	58.658	ug/l	99
86) p-Isopropyltoluene	11.165	119	2083608	57.774	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1024298	51.235	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1038812	48.711	ug/l	100
89) n-Butylbenzene	11.580	91	1881120	53.537	ug/l	99
90) Hexachloroethane	11.821	117	379173	45.493	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	948293	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	160839	52.843	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	612379	53.831	ug/l	99
94) Hexachlorobutadiene	13.368	225	257257	43.866	ug/l	98
95) Naphthalene	13.423	128	2231593	62.163	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	635892	55.437	ug/l	100

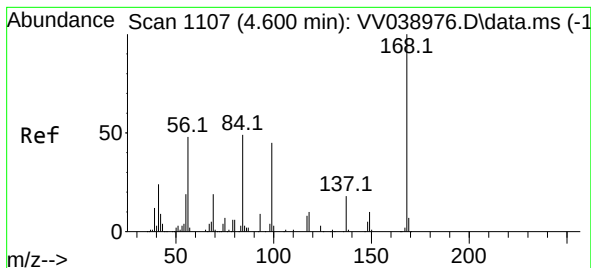
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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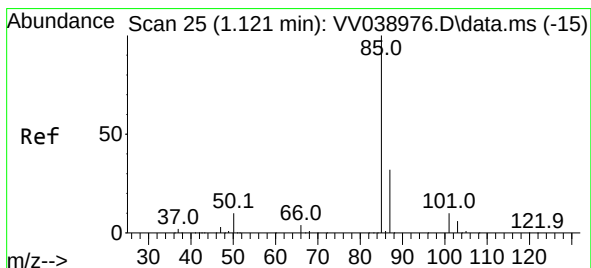
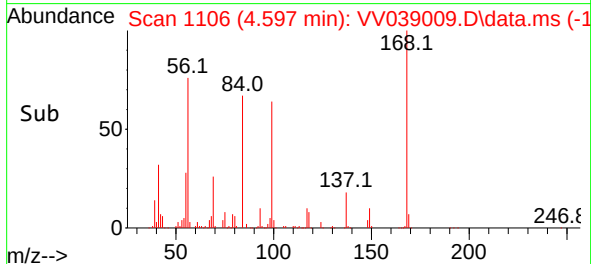
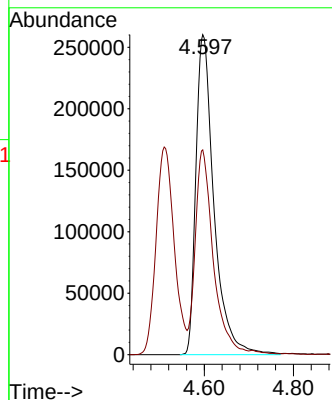
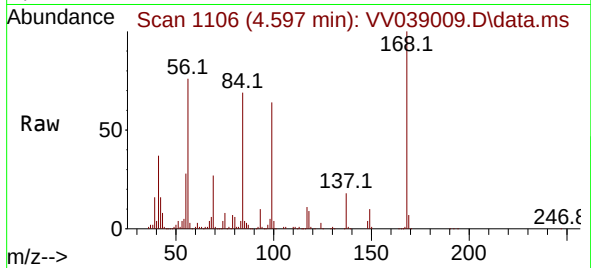
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039009.D
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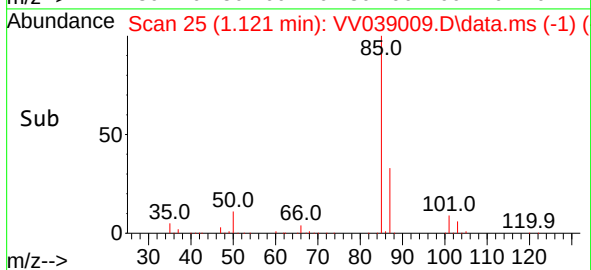
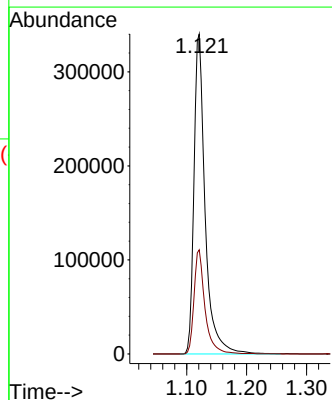
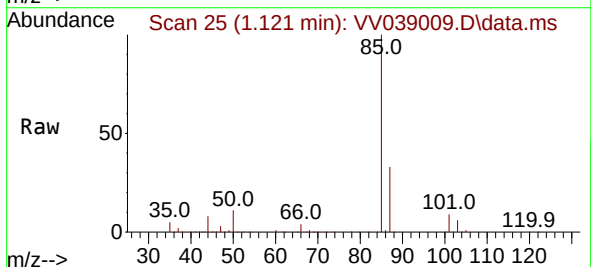
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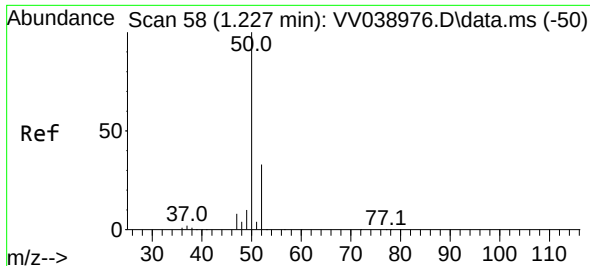
Tgt Ion:168 Resp: 735484
Ion Ratio Lower Upper
168 100
99 63.7 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 40.193 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 85 Resp: 441905
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3

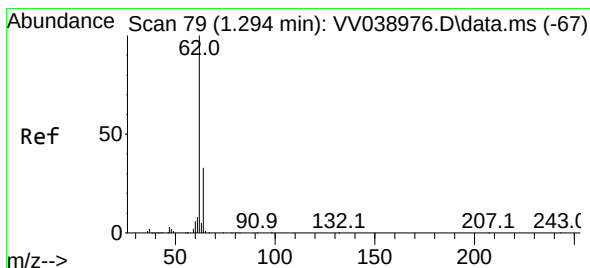
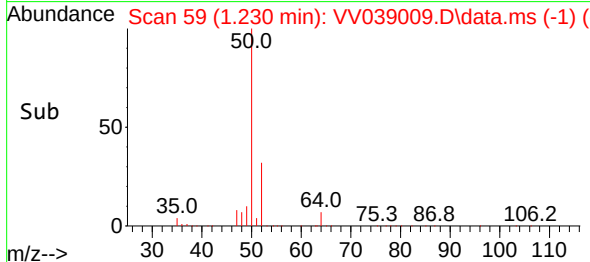
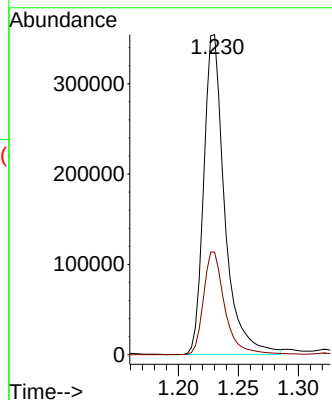
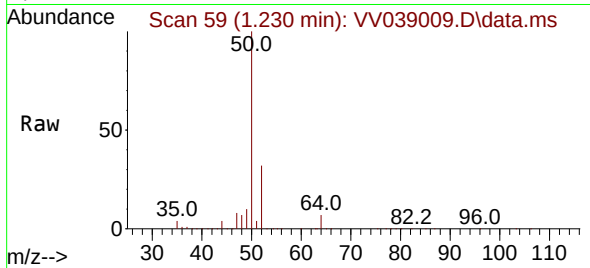




#3
Chloromethane
Concen: 37.917 ug/l
RT: 1.230 min Scan# 58
Delta R.T. 0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

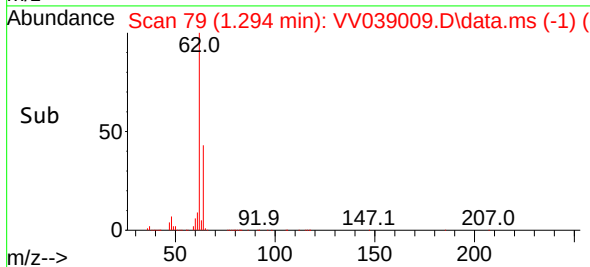
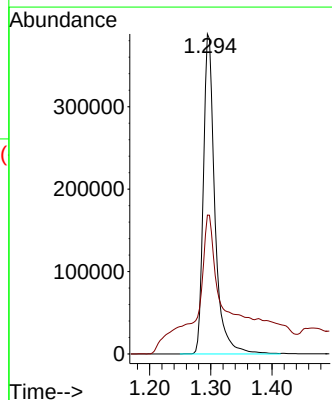
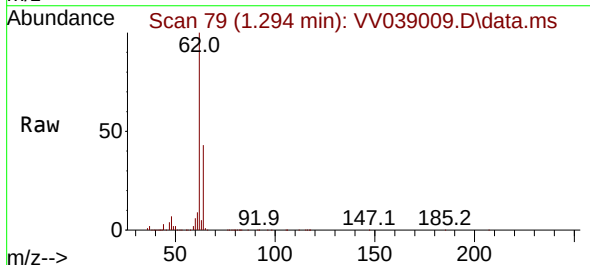
Instrument :
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ClientSampleId :
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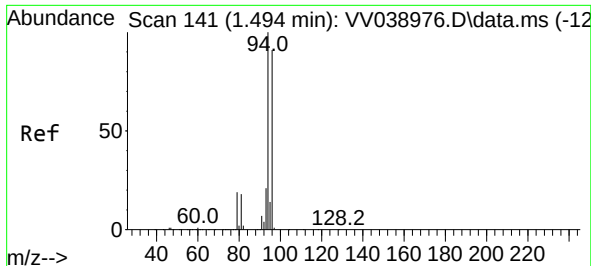
Tgt Ion: 50 Resp: 430616
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 42.408 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 62 Resp: 508177
Ion Ratio Lower Upper
62 100
64 34.9 26.4 39.6

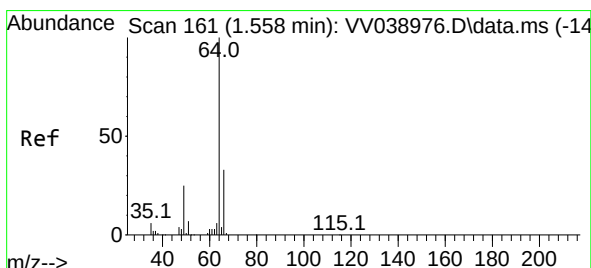
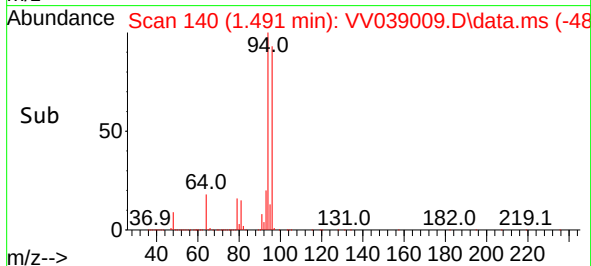
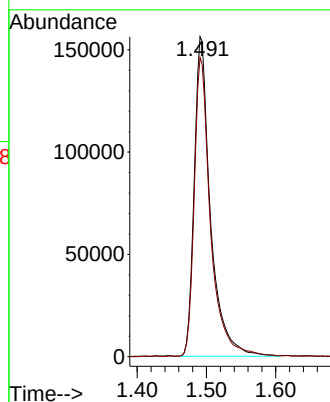
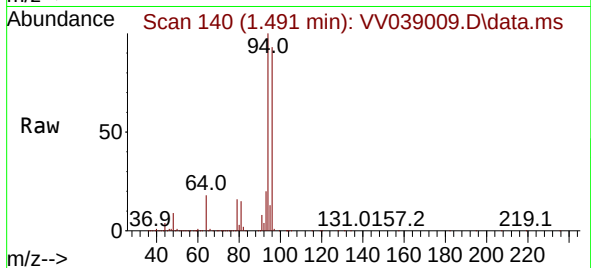




#5
Bromomethane
Concen: 39.434 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

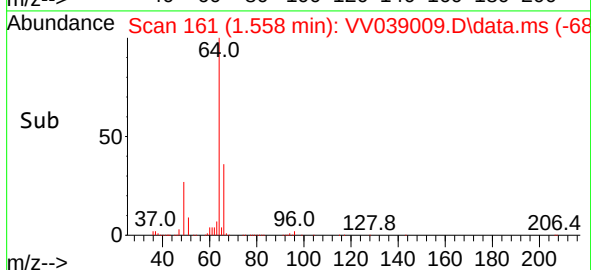
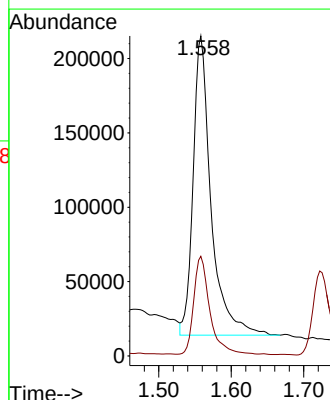
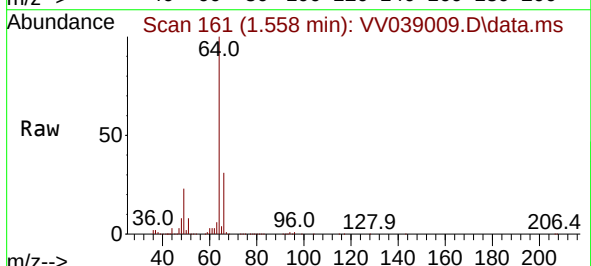
Instrument :
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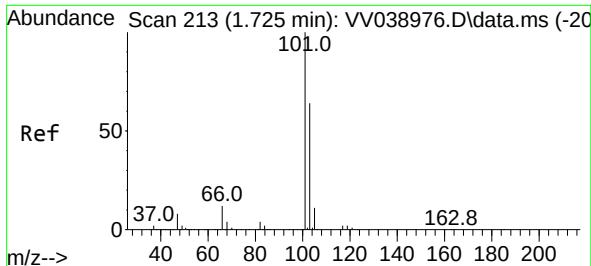
Tgt Ion: 94 Resp: 255375
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7



#6
Chloroethane
Concen: 56.484 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 64 Resp: 344904
Ion Ratio Lower Upper
64 100
66 32.8 26.8 40.2

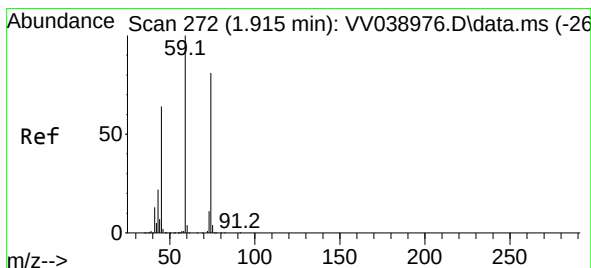
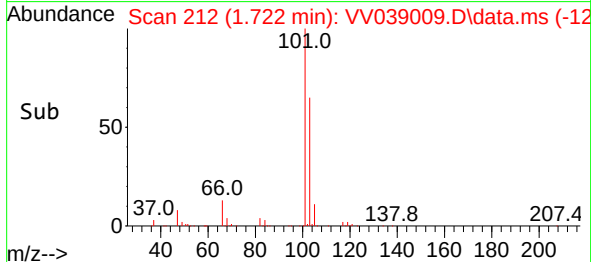
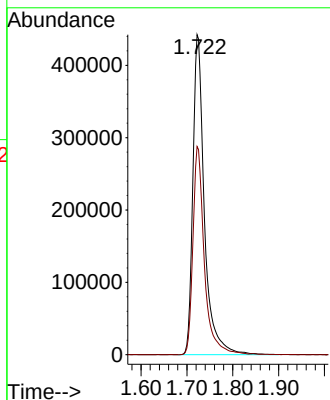
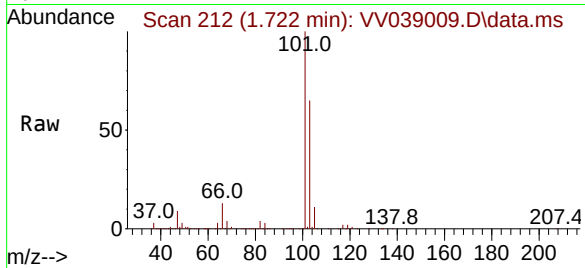




#7
 Trichlorofluoromethane
 Concen: 47.068 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

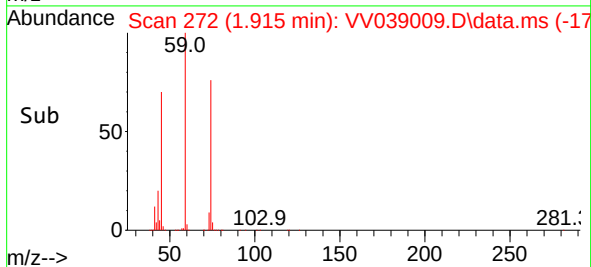
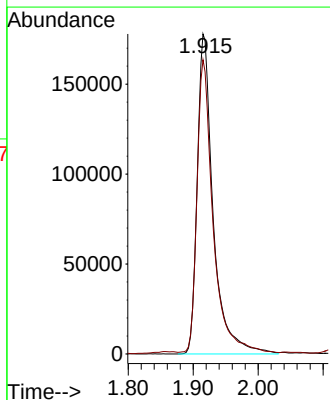
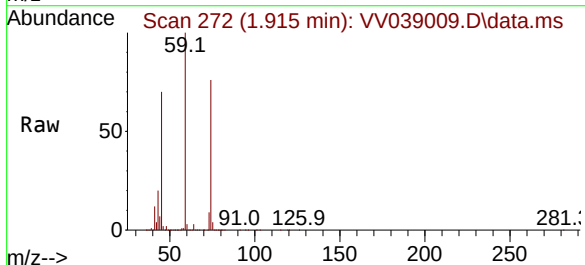
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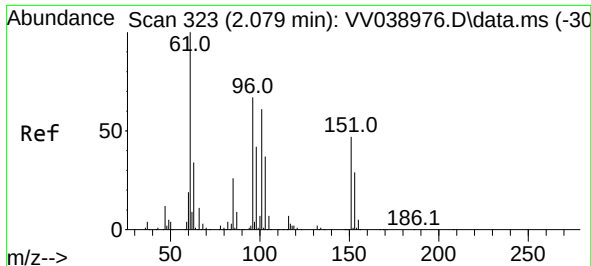
Tgt Ion:101 Resp: 772663
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 60.384 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 74 Resp: 304837
 Ion Ratio Lower Upper
 74 100
 45 91.7 39.8 119.4

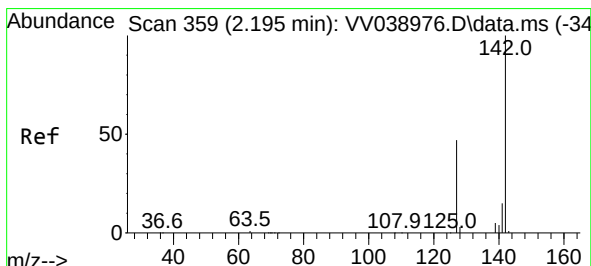
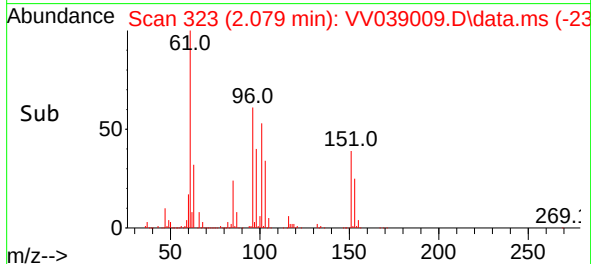
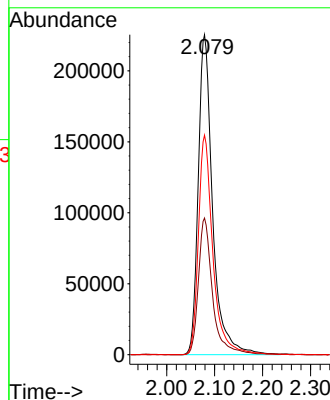
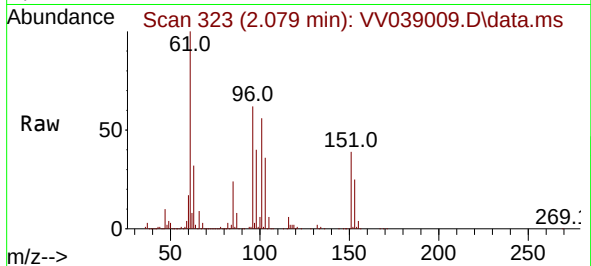




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.939 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039009.D
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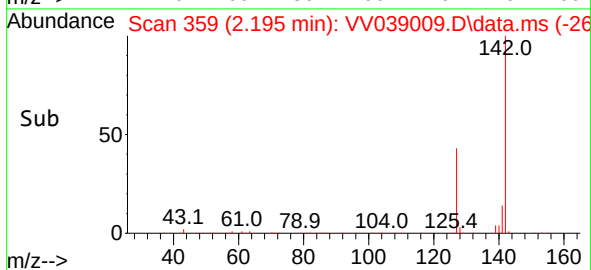
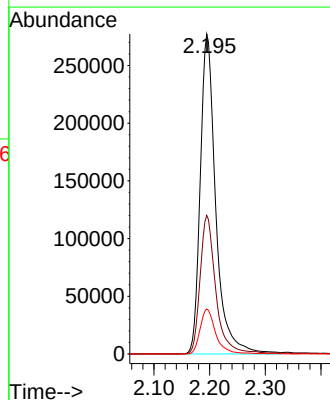
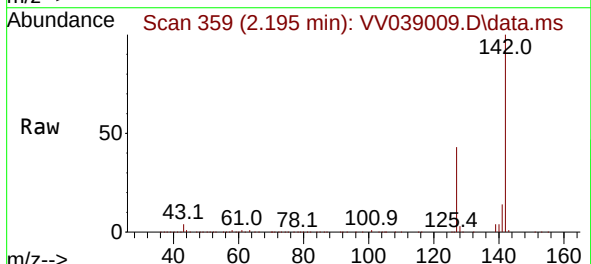
Instrument :
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ClientSampleId :
VSTDCCC050

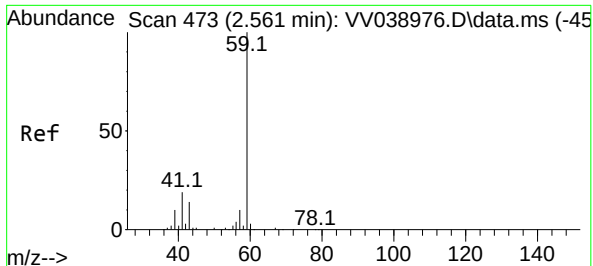
Tgt Ion:101 Resp: 470637
Ion Ratio Lower Upper
101 100
85 41.9 34.6 51.8
151 69.2 62.1 93.1



#10
Methyl Iodide
Concen: 47.582 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:142 Resp: 536425
Ion Ratio Lower Upper
142 100
127 43.8 38.6 57.8
141 14.0 11.4 17.2

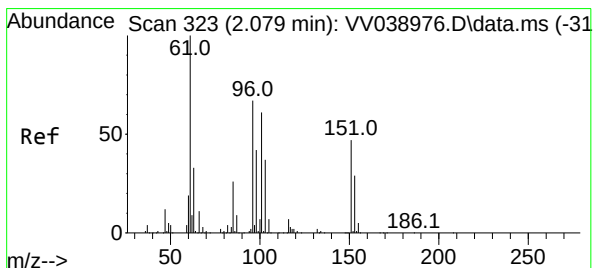
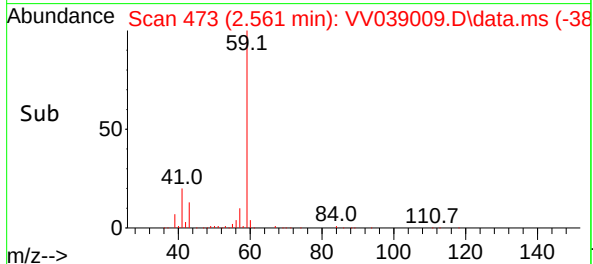
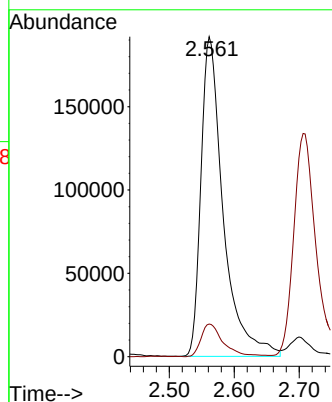
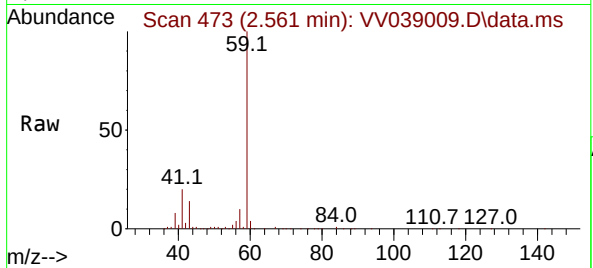




#11
Tert butyl alcohol
Concen: 327.635 ug/l
RT: 2.561 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

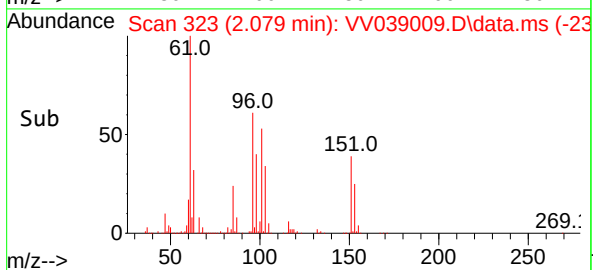
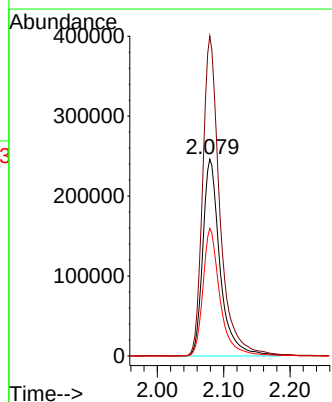
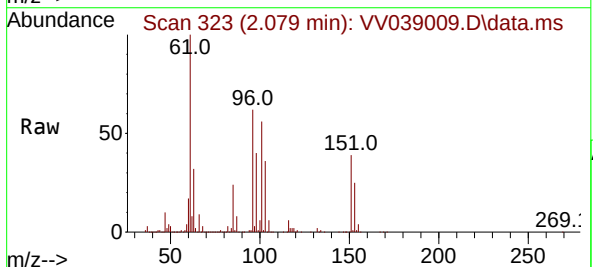
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

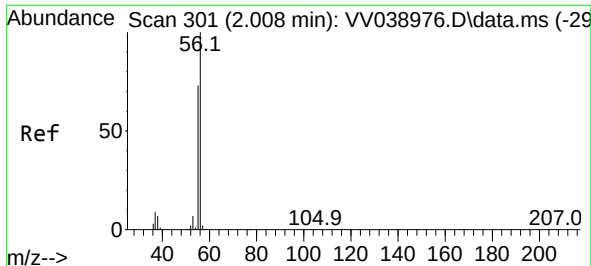
Tgt Ion: 59 Resp: 457639
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.512 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 96 Resp: 446677
Ion Ratio Lower Upper
96 100
61 162.5 119.8 179.8
98 64.7 50.2 75.2

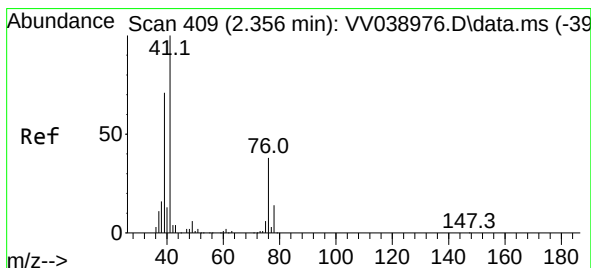
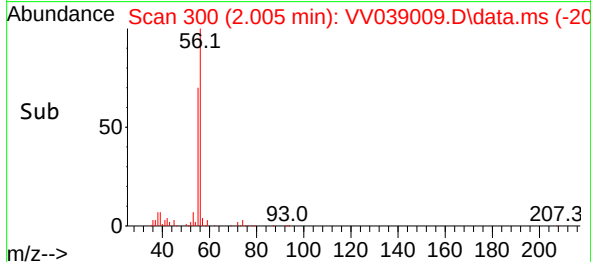
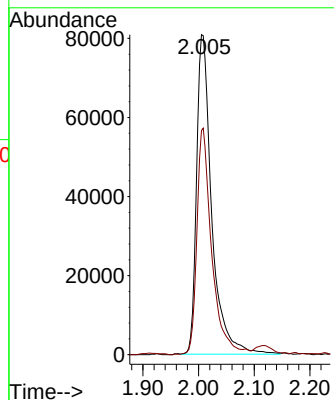
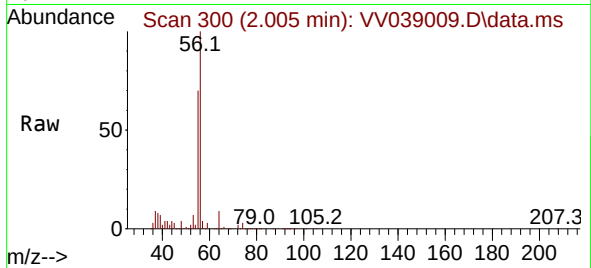




#13
Acrolein
Concen: 344.609 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

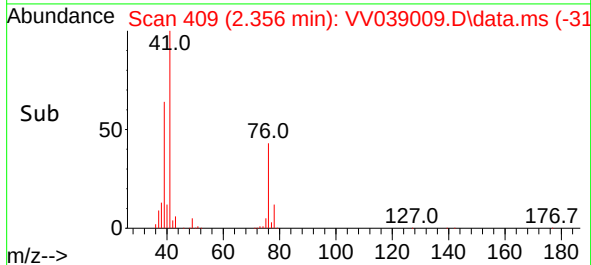
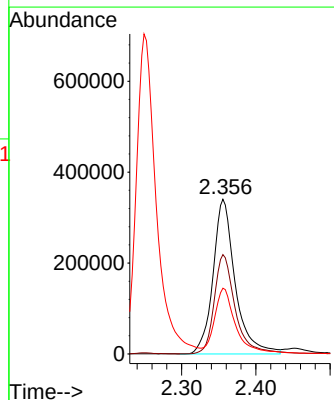
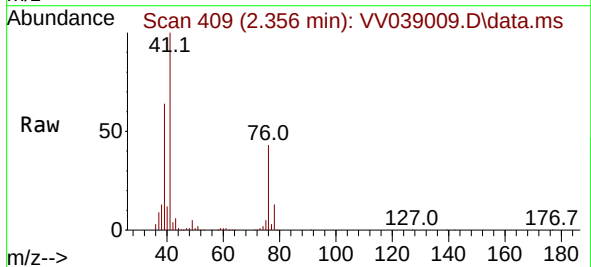
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

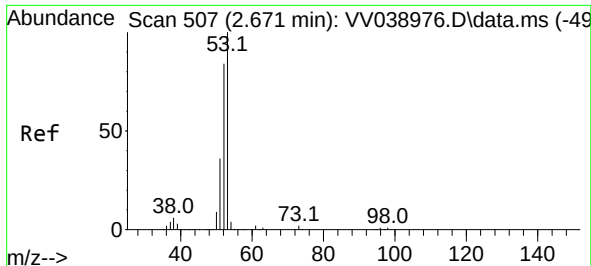
Tgt Ion: 56 Resp: 152831
Ion Ratio Lower Upper
56 100
55 68.2 58.8 88.2



#14
Allyl chloride
Concen: 63.512 ug/l
RT: 2.356 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 41 Resp: 707837
Ion Ratio Lower Upper
41 100
39 60.9 55.0 82.4
76 40.8 35.6 53.4



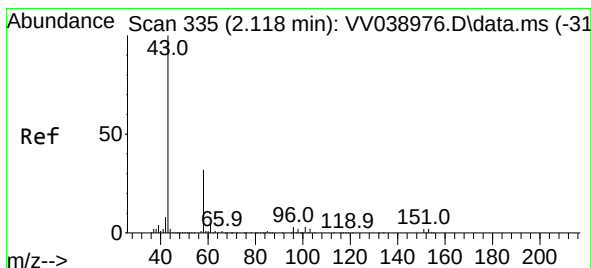
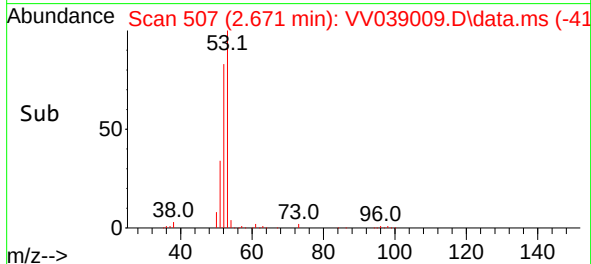
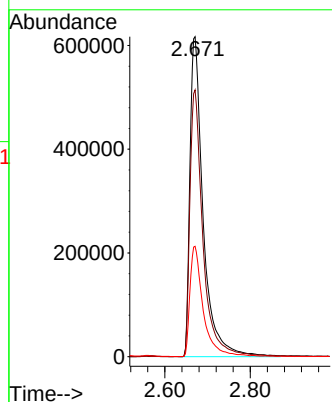
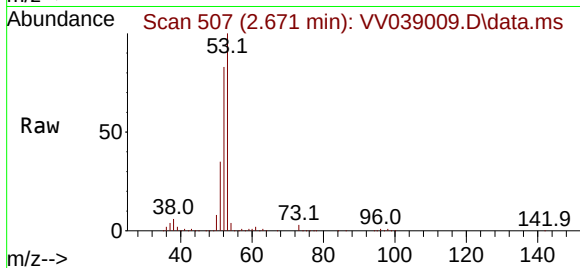


#15
Acrylonitrile
Concen: 315.255 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 1330781

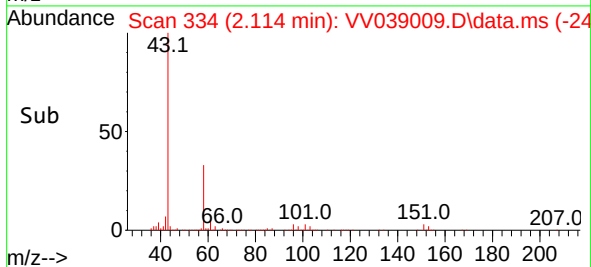
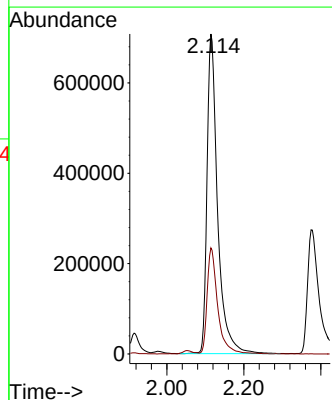
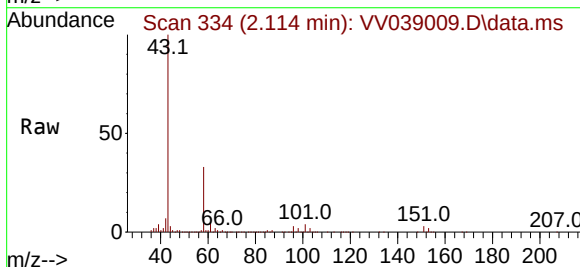
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	34.4	28.5	42.7

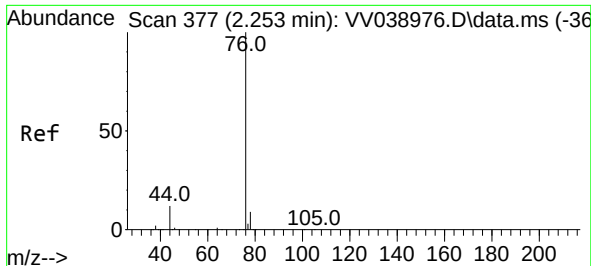


#16
Acetone
Concen: 325.050 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 43 Resp: 1346373

Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.3	39.5

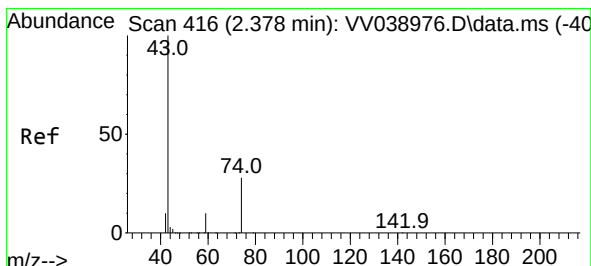
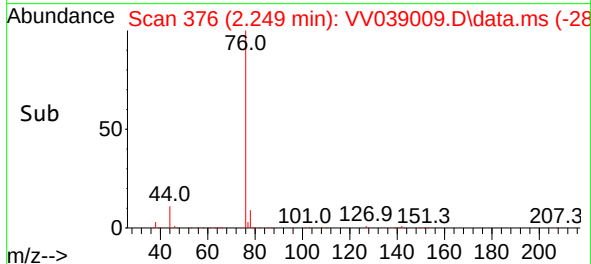
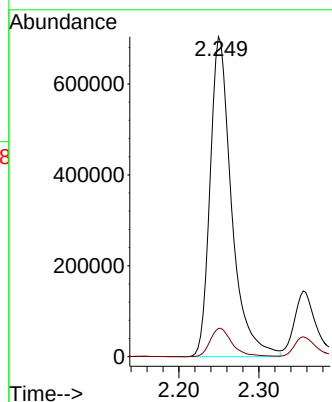
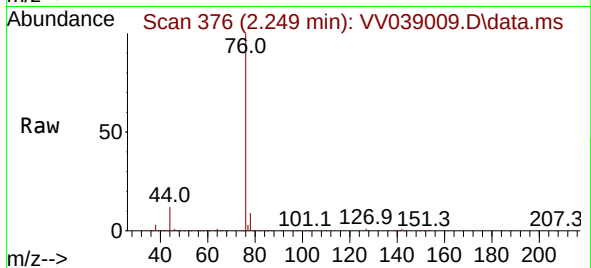




#17
Carbon Disulfide
Concen: 56.658 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

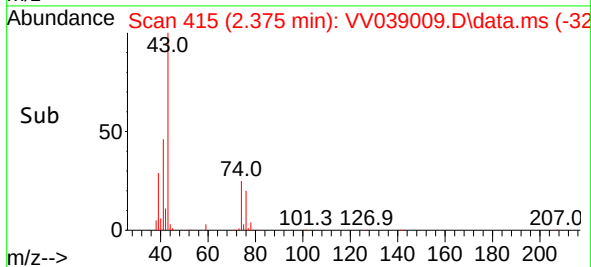
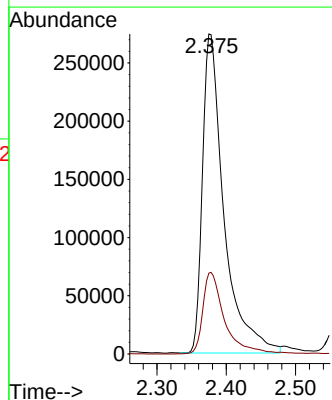
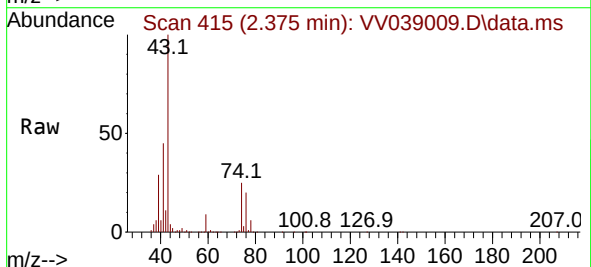
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

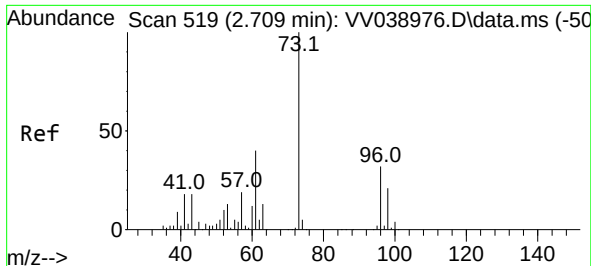
Tgt Ion: 76 Resp: 1315411
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 67.125 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 43 Resp: 589312
Ion Ratio Lower Upper
43 100
74 25.7 23.5 35.3

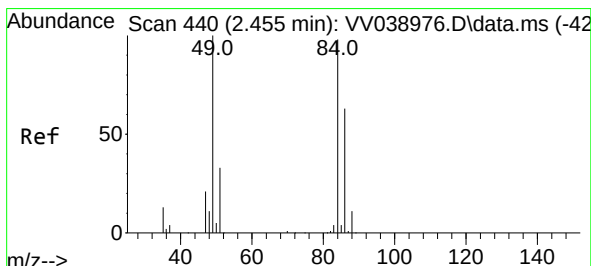
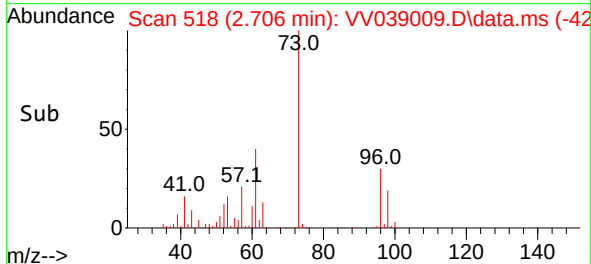
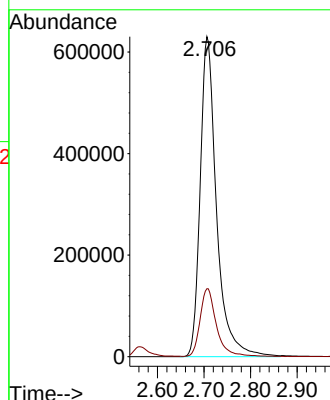
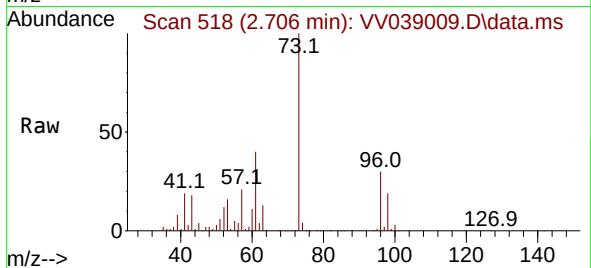




#19
Methyl tert-butyl Ether
Concen: 62.196 ug/l
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

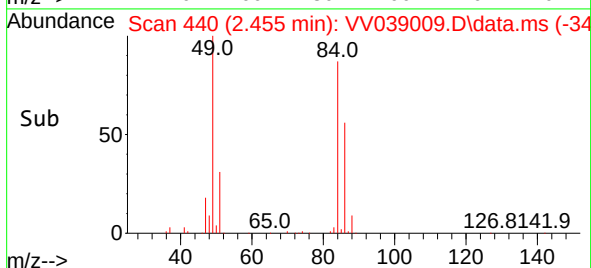
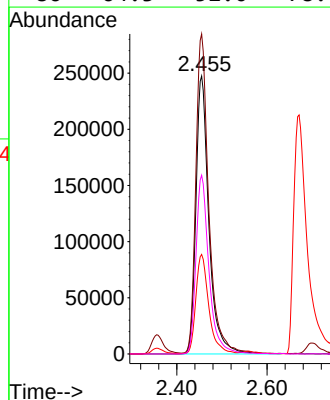
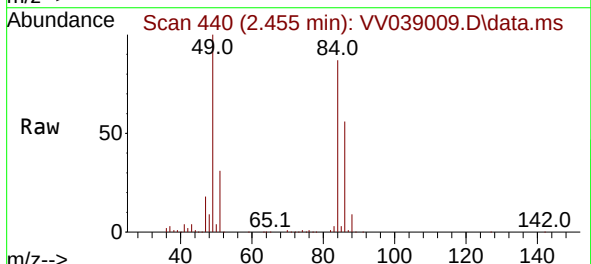
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

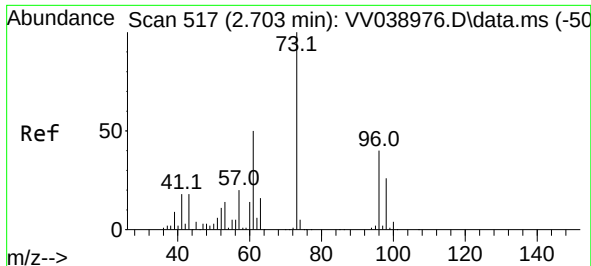
Tgt Ion: 73 Resp: 1535103
Ion Ratio Lower Upper
73 100
57 21.1 15.7 23.5



#20
Methylene Chloride
Concen: 51.019 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 84 Resp: 491090
Ion Ratio Lower Upper
84 100
49 114.9 81.9 122.9
51 35.7 26.9 40.3
86 64.3 52.0 78.0

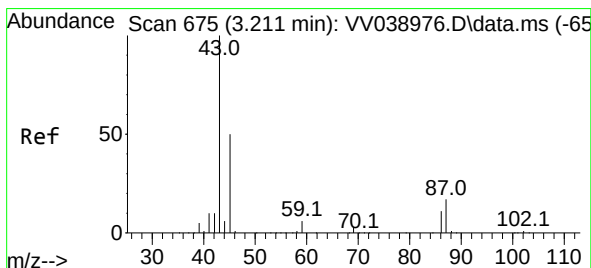
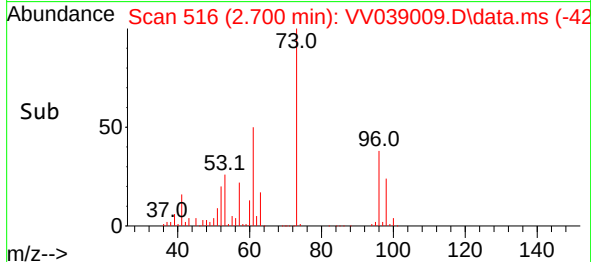
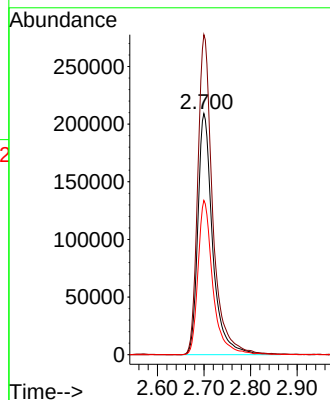
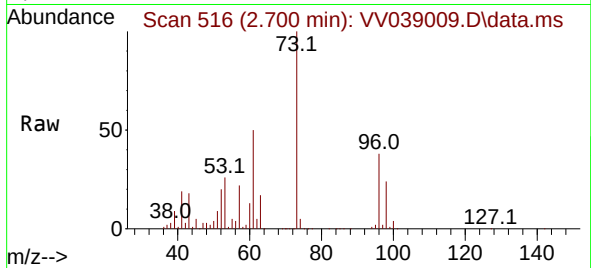




#21
trans-1,2-Dichloroethene
Concen: 53.261 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

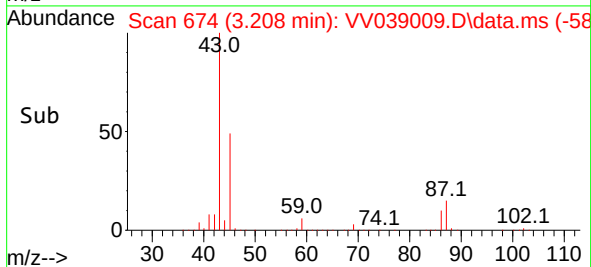
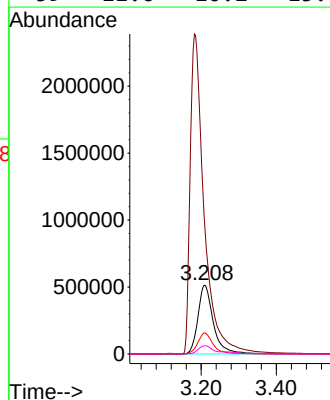
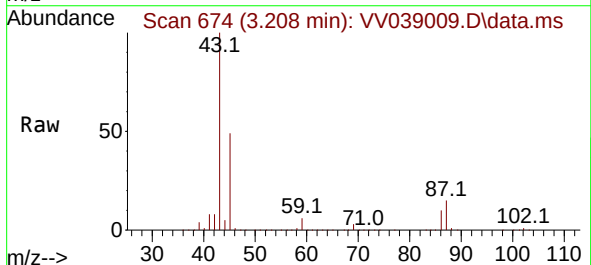
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

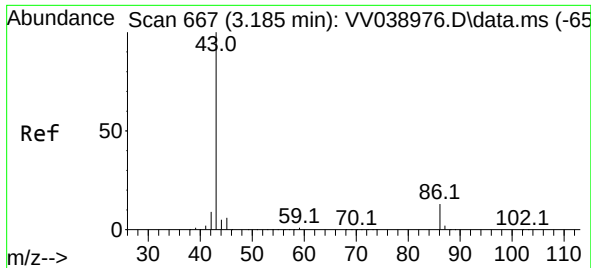
Tgt Ion: 96 Resp: 463055
Ion Ratio Lower Upper
96 100
61 132.7 100.6 151.0
98 64.0 51.5 77.3



#22
Diisopropyl ether
Concen: 59.993 ug/l
RT: 3.208 min Scan# 674
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 45 Resp: 1467999
Ion Ratio Lower Upper
45 100
43 202.8 159.4 239.0
87 30.5 27.5 41.3
59 11.6 10.2 15.4

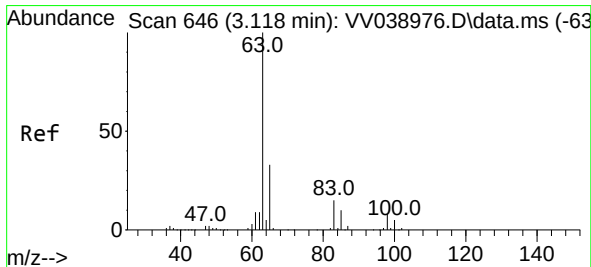
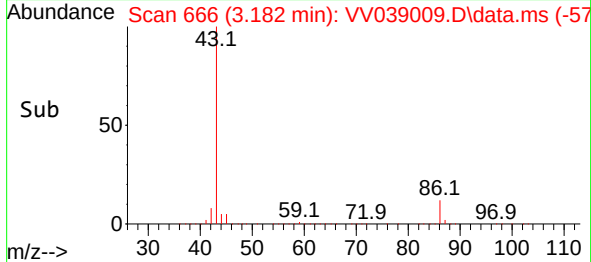
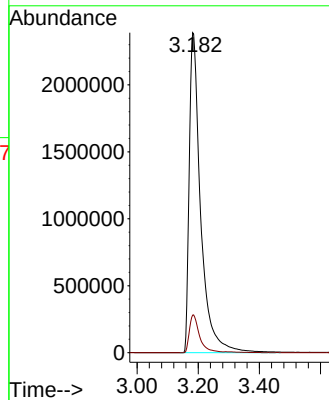
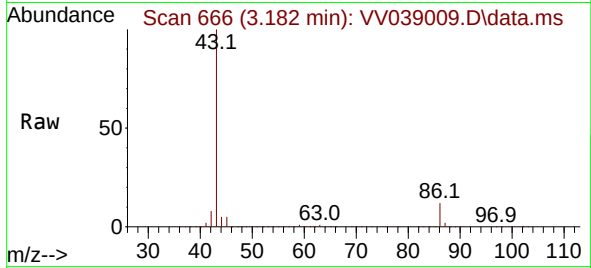




#23
 Vinyl Acetate
 Concen: 317.129 ug/l
 RT: 3.182 min Scan# 667
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

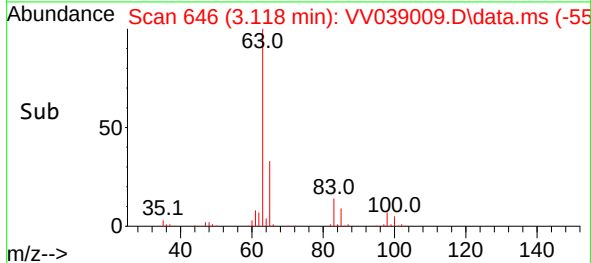
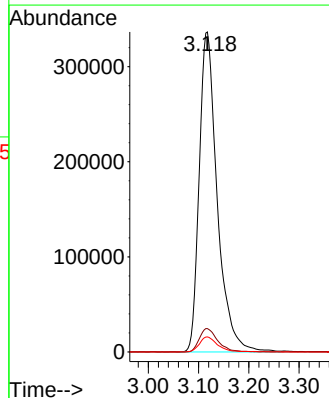
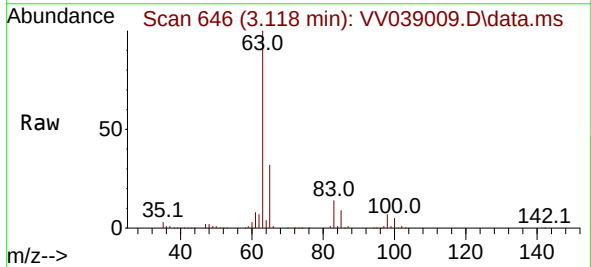
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

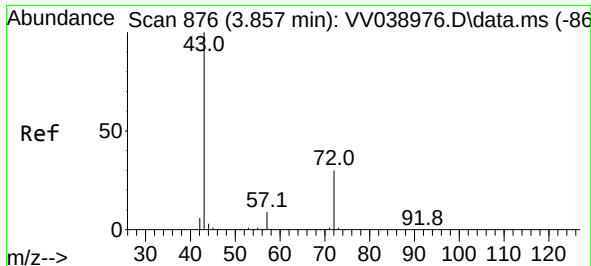
Tgt Ion: 43 Resp: 6226543
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 51.751 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 63 Resp: 838824
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.3 12.8
 100 4.7 2.6 8.0

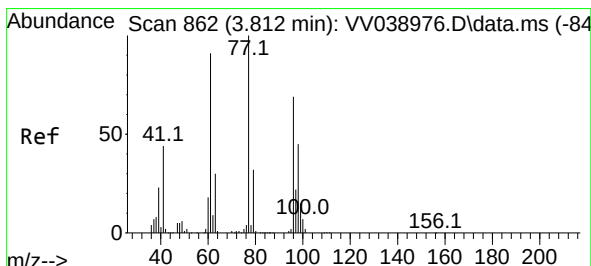
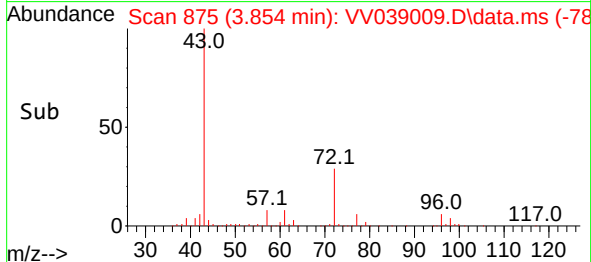
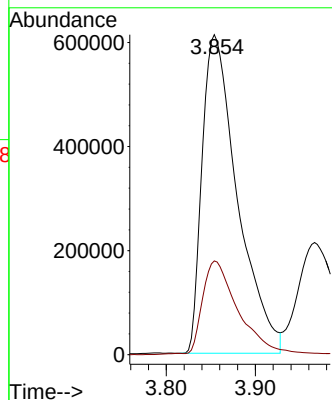
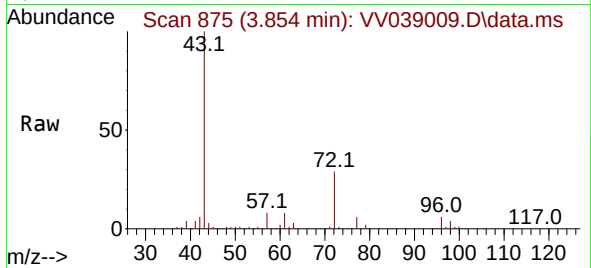




#25
2-Butanone
Concen: 313.639 ug/l
RT: 3.854 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

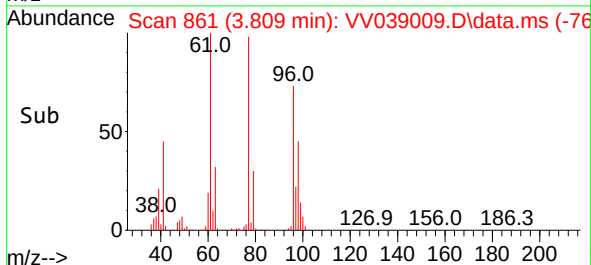
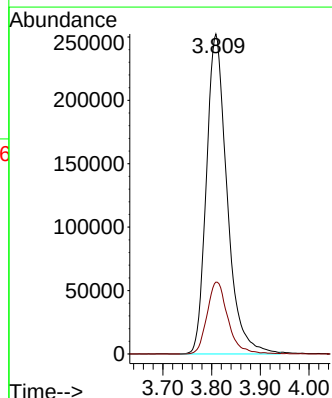
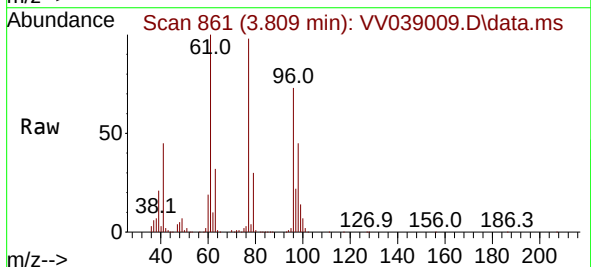
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

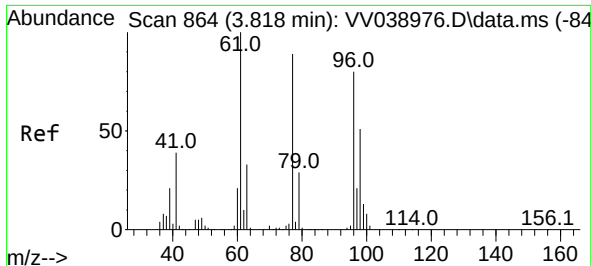
Tgt Ion: 43 Resp: 1690277
Ion Ratio Lower Upper
43 100
72 29.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.904 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 77 Resp: 744857
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

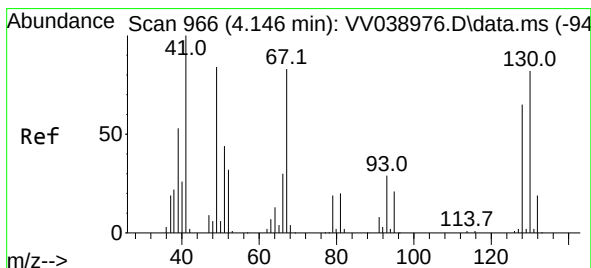
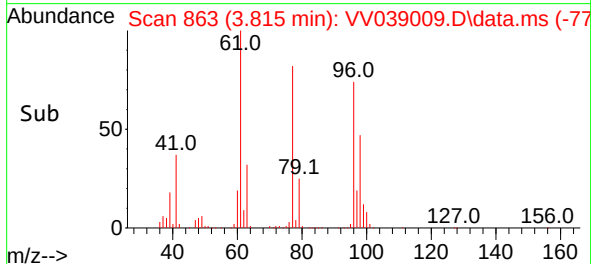
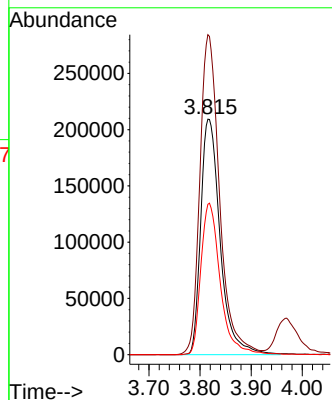
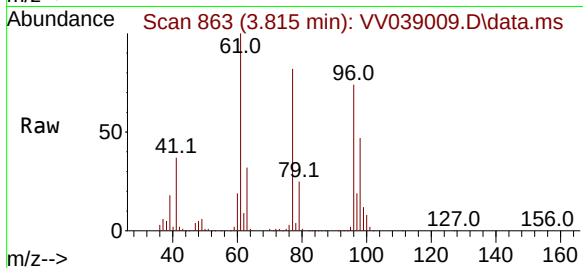




#27
 cis-1,2-Dichloroethene
 Concen: 52.661 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

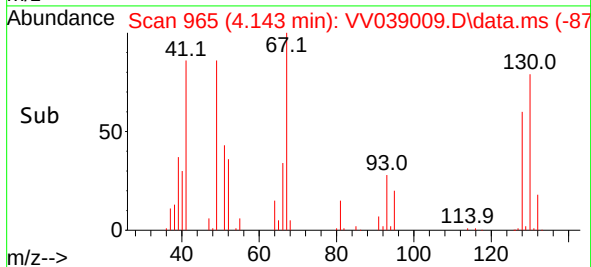
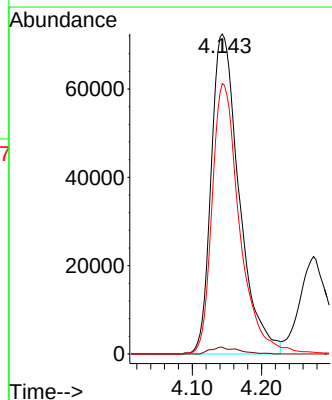
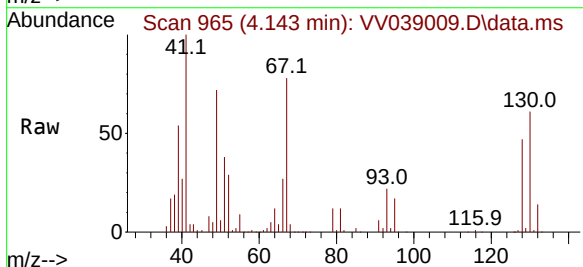
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

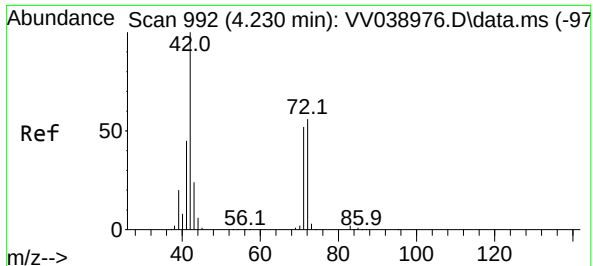
Tgt Ion: 96 Resp: 552593
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 264.4
 98 64.3 0.0 131.8



#28
 Bromochloromethane
 Concen: 58.409 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 49 Resp: 203759
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.2
 130 82.8 78.2 117.2





#29

Tetrahydrofuran

Concen: 305.143 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

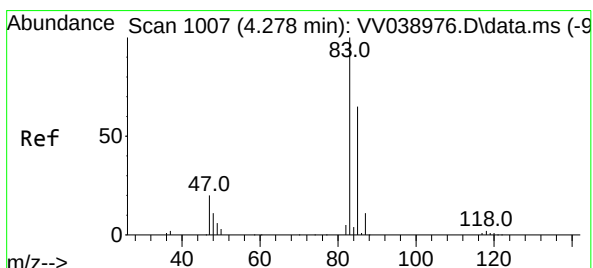
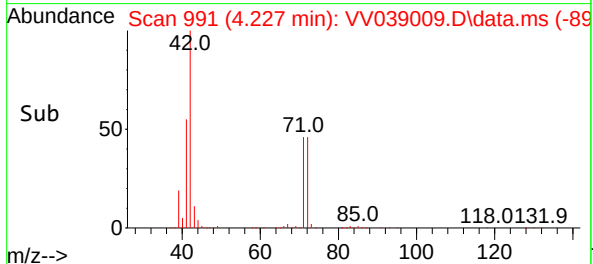
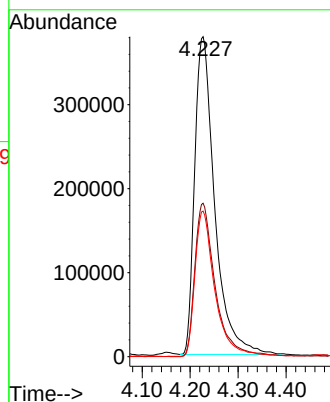
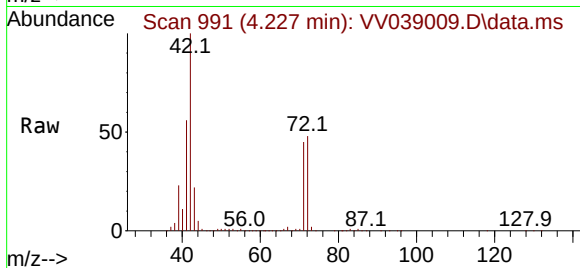
Tgt Ion: 42 Resp: 1097751

Ion Ratio Lower Upper

42 100

72 49.0 44.6 66.8

71 45.6 41.6 62.4



#30

Chloroform

Concen: 46.795 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV039009.D

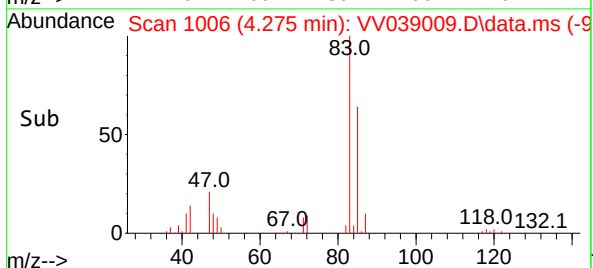
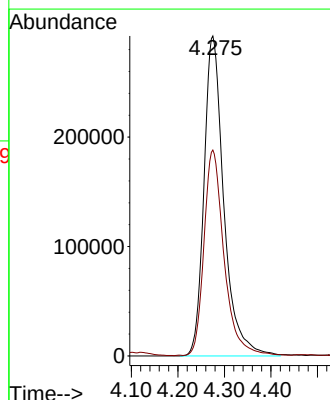
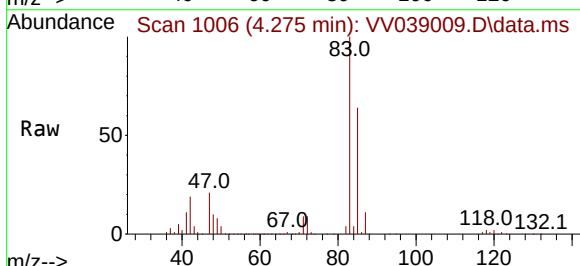
Acq: 22 Aug 2025 09:03

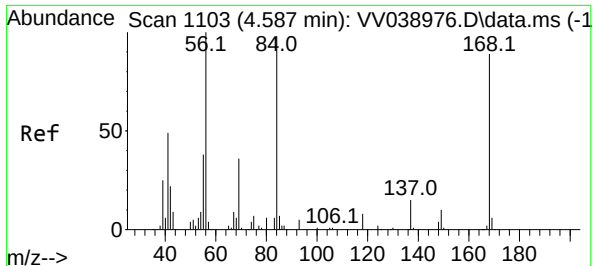
Tgt Ion: 83 Resp: 866770

Ion Ratio Lower Upper

83 100

85 64.1 52.2 78.2

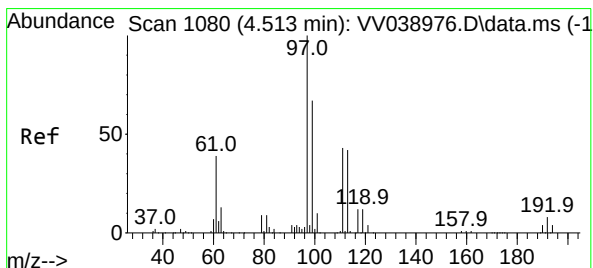
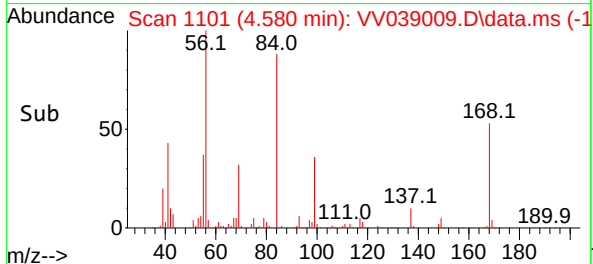
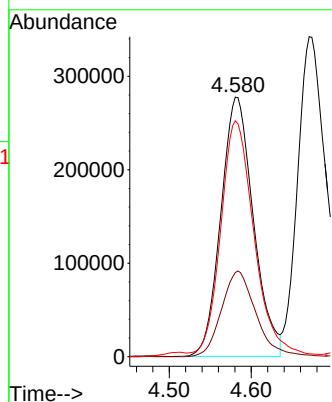
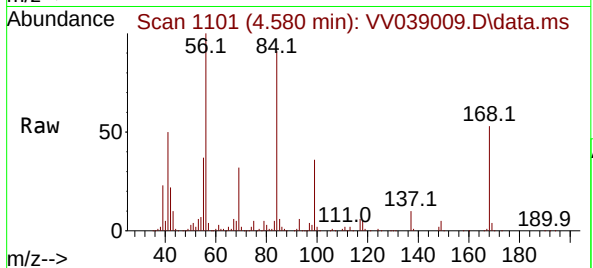




#31
Cyclohexane
Concen: 52.931 ug/l
RT: 4.580 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

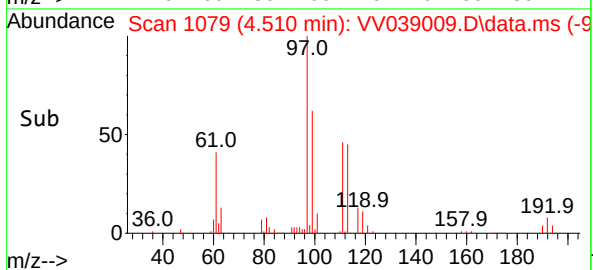
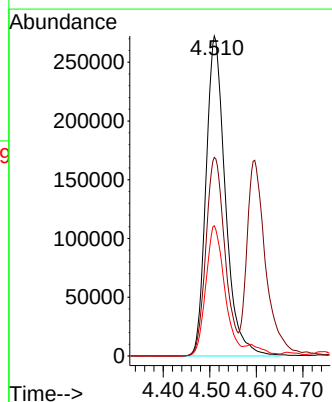
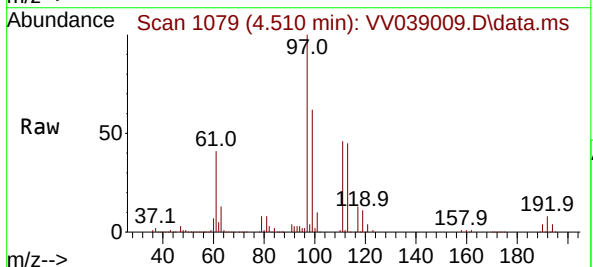
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

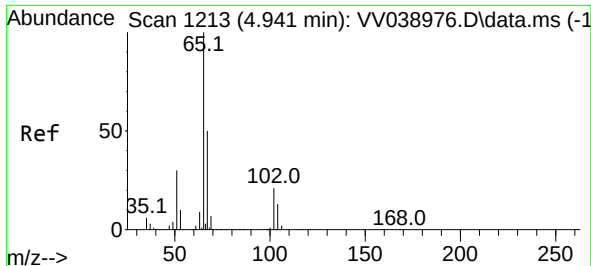
Tgt Ion: 56 Resp: 765473
Ion Ratio Lower Upper
56 100
69 32.4 28.6 42.8
84 89.2 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 45.149 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 97 Resp: 785698
Ion Ratio Lower Upper
97 100
99 60.9 49.5 74.3
61 39.7 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 46.987 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

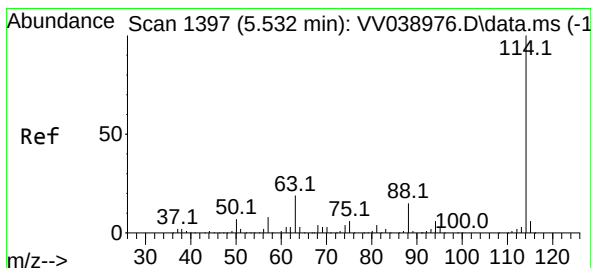
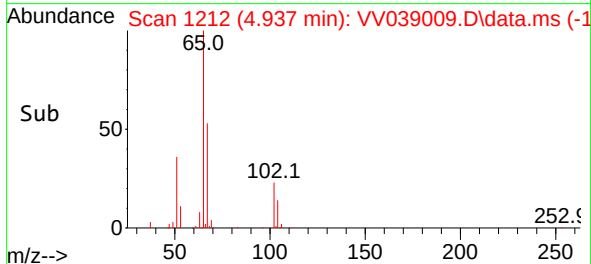
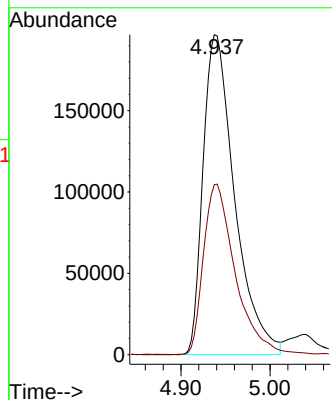
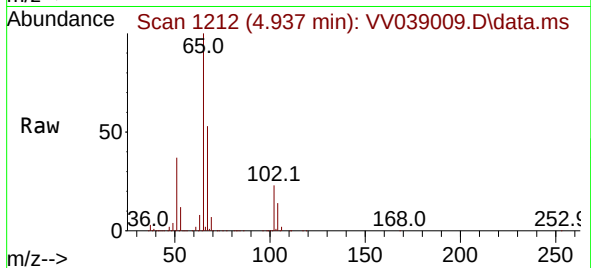
VSTDCCC050

Tgt Ion: 65 Resp: 484915

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

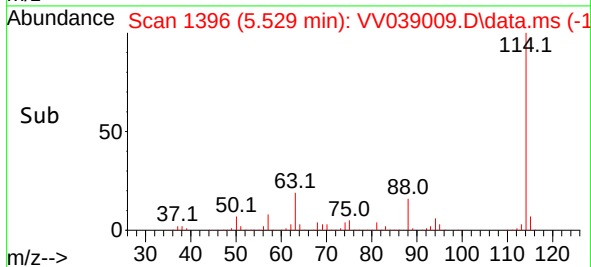
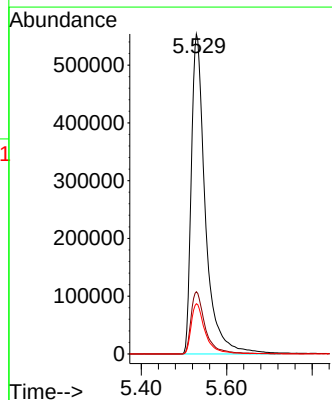
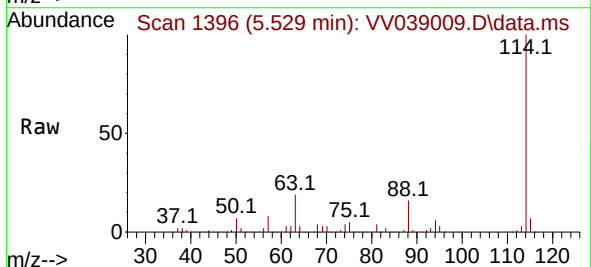
Tgt Ion: 114 Resp: 1263798

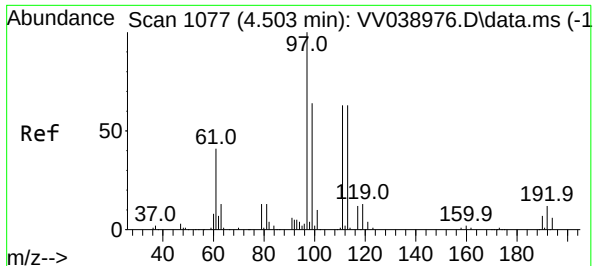
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.7 0.0 30.4

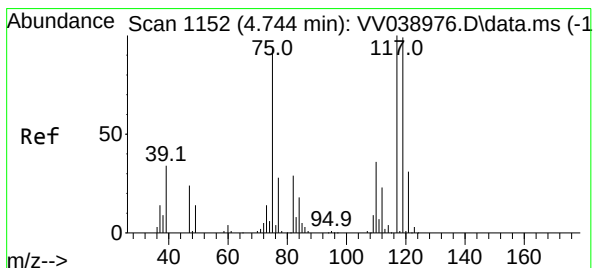
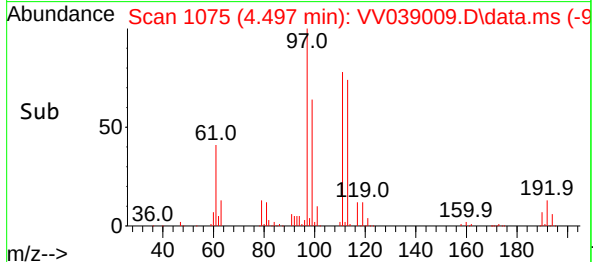
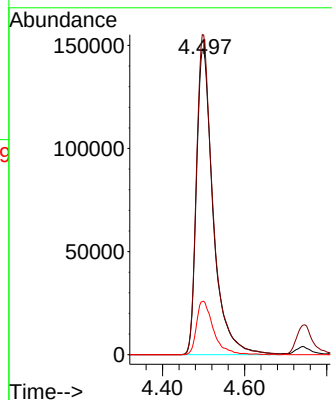
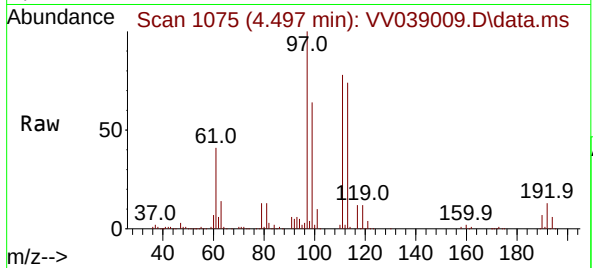




#35
 Dibromofluoromethane
 Concen: 44.361 ug/l
 RT: 4.497 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

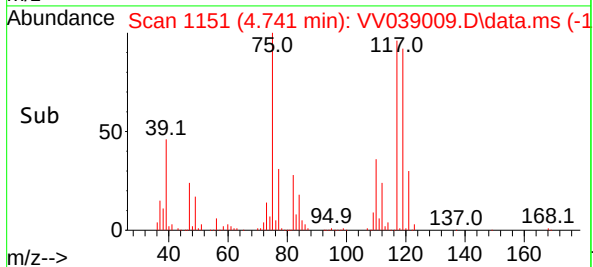
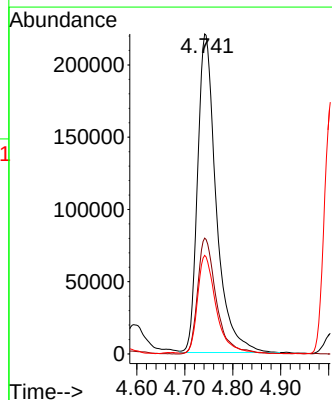
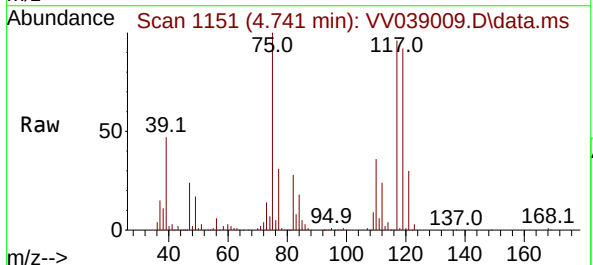
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

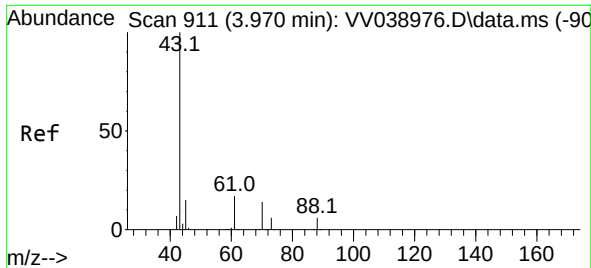
Tgt Ion:113 Resp: 420445
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 17.4 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 48.338 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 75 Resp: 594967
 Ion Ratio Lower Upper
 75 100
 110 36.5 19.6 58.7
 77 30.7 24.4 36.6

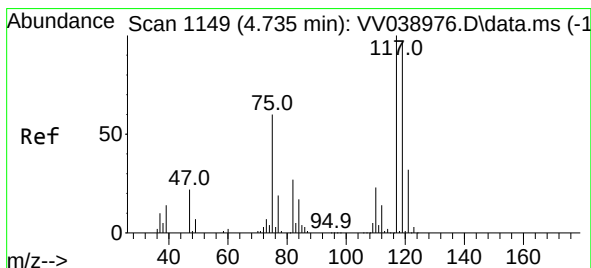
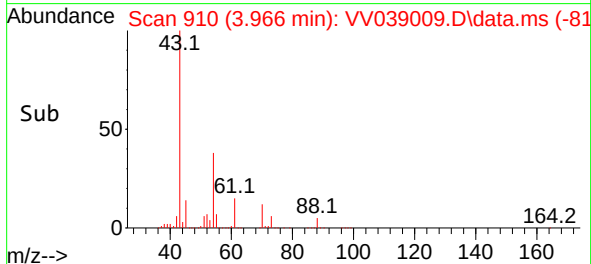
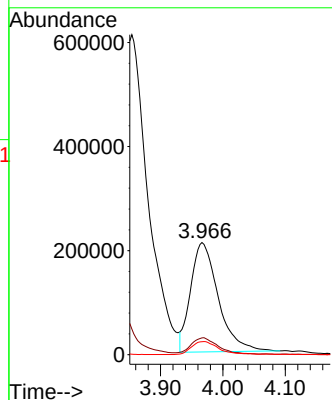
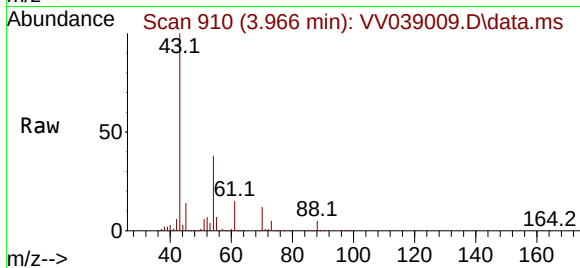




#37
Ethyl Acetate
Concen: 53.938 ug/l
RT: 3.966 min Scan# 911
Delta R.T. -0.004 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

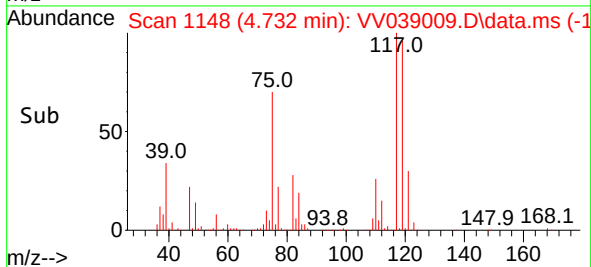
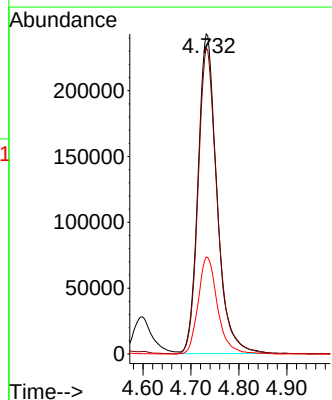
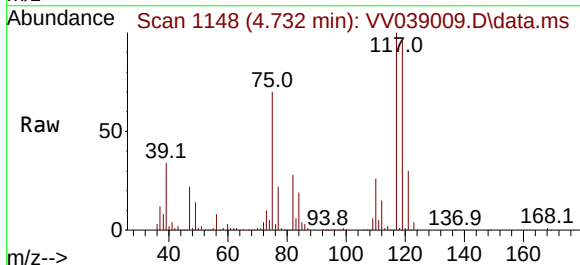
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

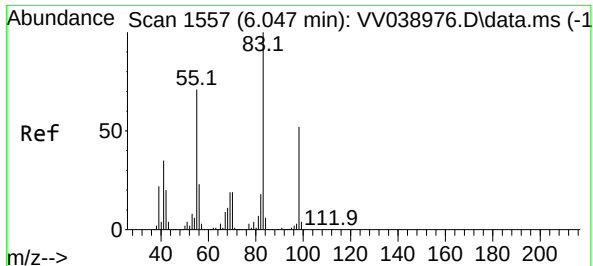
Tgt Ion: 43 Resp: 648648
Ion Ratio Lower Upper
43 100
61 14.4 12.6 19.0
70 11.7 10.2 15.4



#38
Carbon Tetrachloride
Concen: 40.352 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 117 Resp: 665125
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
121 30.3 25.4 38.2





#39

Methylcyclohexane

Concen: 52.302 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

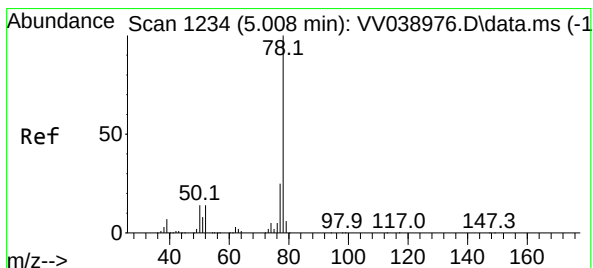
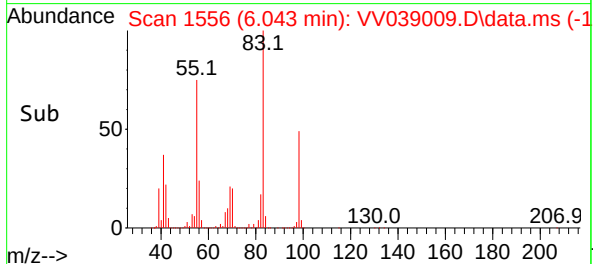
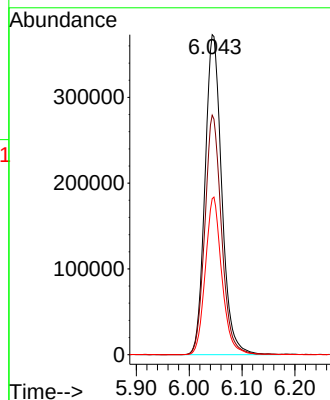
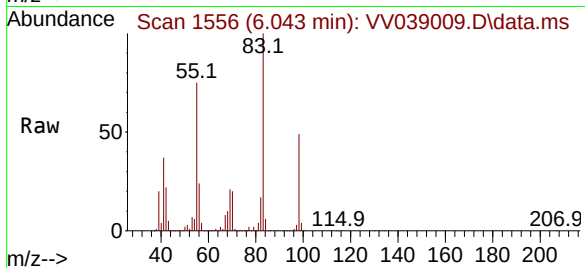
Tgt Ion: 83 Resp: 822584

Ion Ratio Lower Upper

83 100

55 74.8 57.0 85.6

98 48.7 41.3 61.9



#40

Benzene

Concen: 48.468 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV039009.D

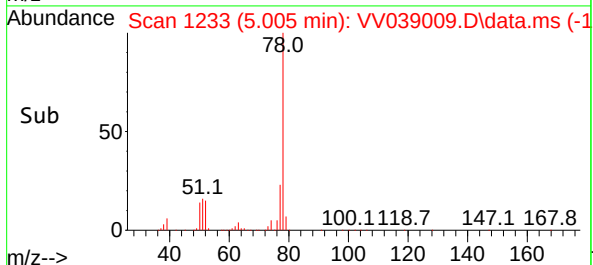
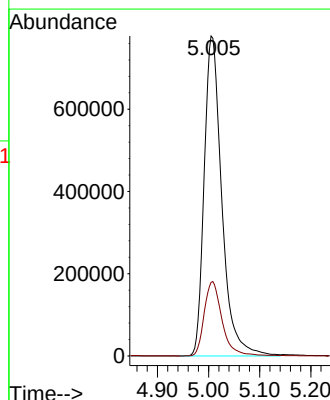
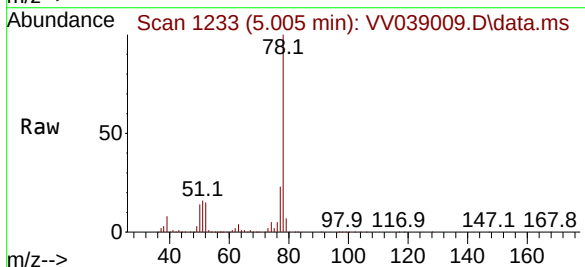
Acq: 22 Aug 2025 09:03

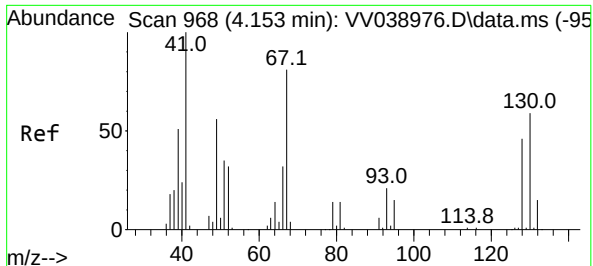
Tgt Ion: 78 Resp: 1868498

Ion Ratio Lower Upper

78 100

77 23.0 19.6 29.4

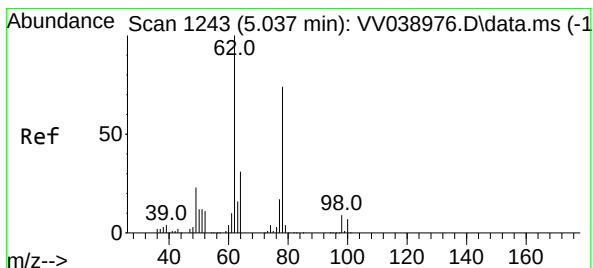
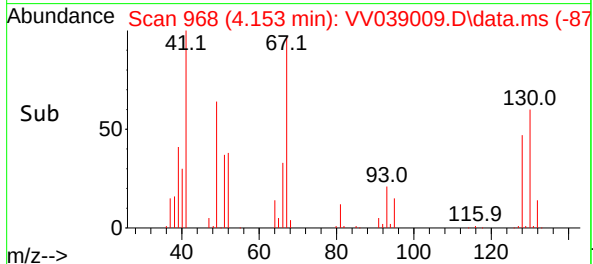
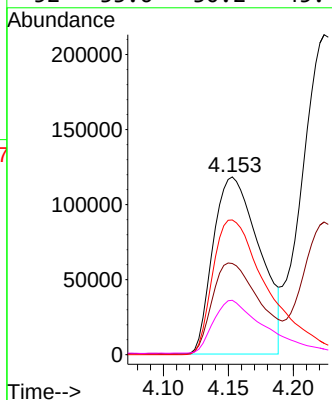
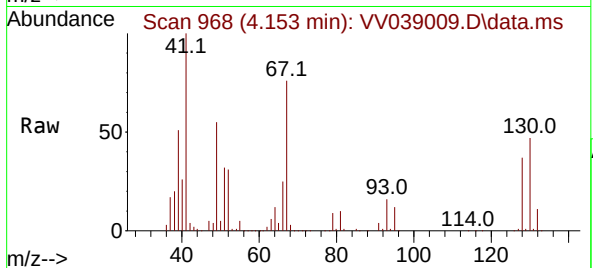




#41
Methacrylonitrile
Concen: 64.957 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

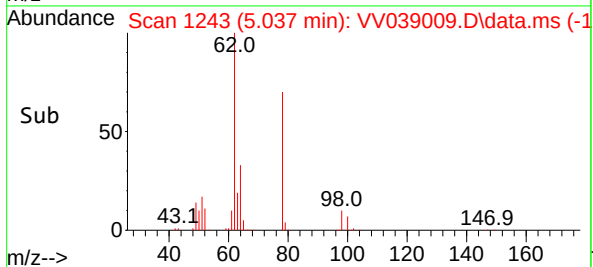
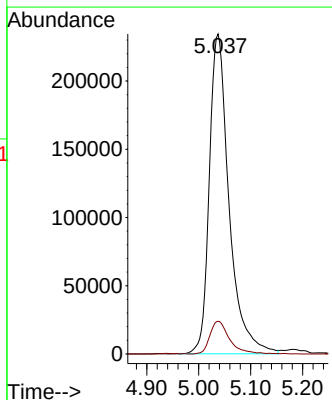
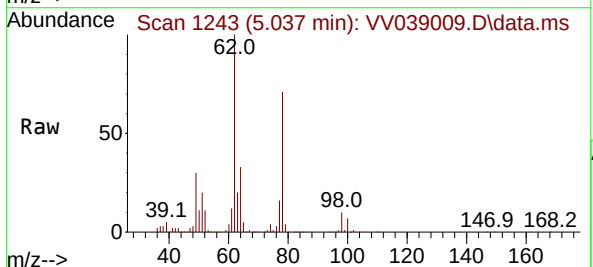
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

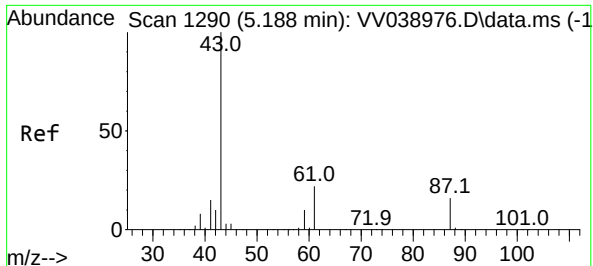
Tgt Ion:	41	Resp:	294356
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.5	68.3
67	93.7	83.5	125.3
52	33.6	30.2	45.4



#42
1,2-Dichloroethane
Concen: 43.971 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:	62	Resp:	619719
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2



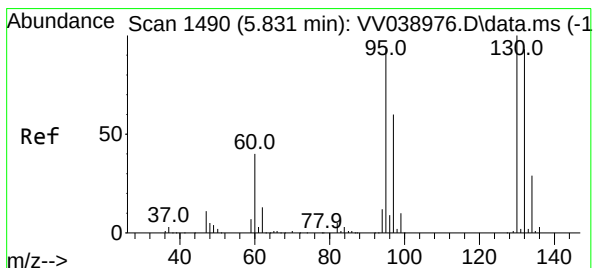
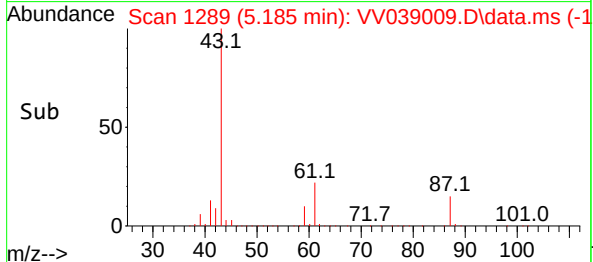
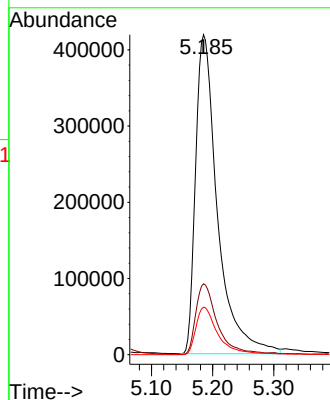
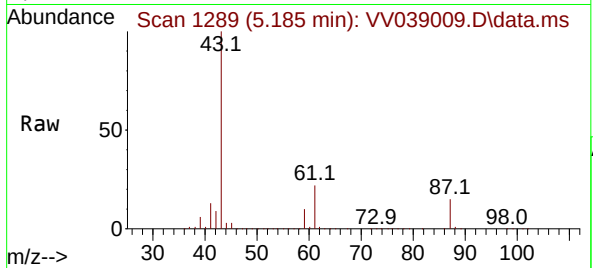


#43
Isopropyl Acetate
Concen: 56.797 ug/l
RT: 5.185 min Scan# 1290
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1042203

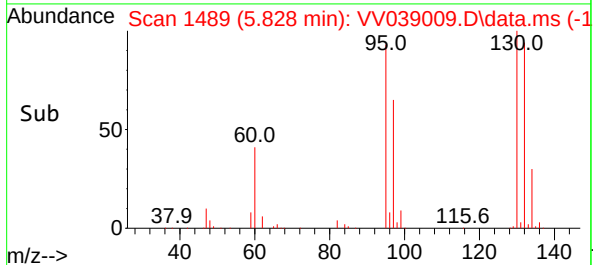
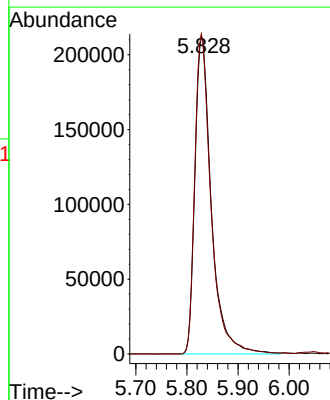
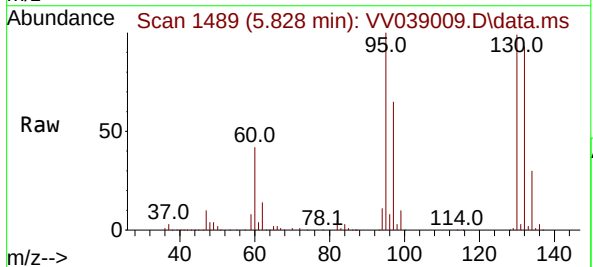
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.4	26.2
87	15.2	13.3	19.9

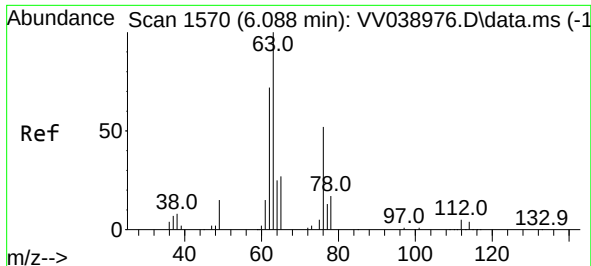


#44
Trichloroethene
Concen: 45.413 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:130 Resp: 474890

Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	186.6





#45

1,2-Dichloropropane

Concen: 50.712 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

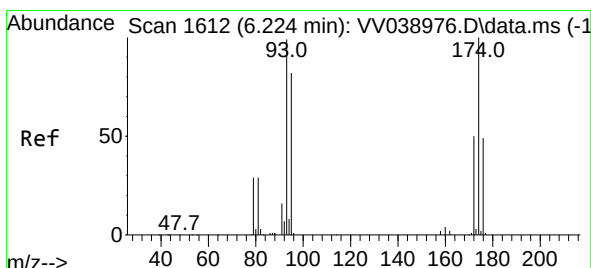
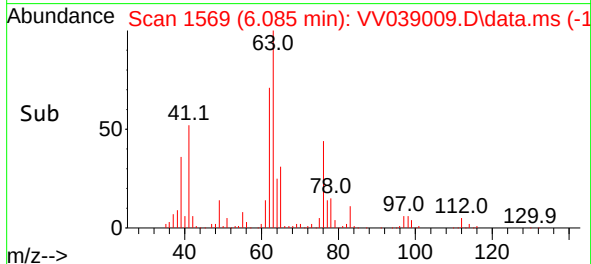
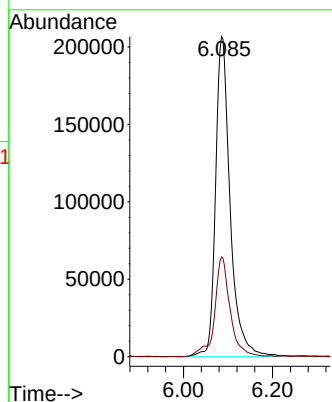
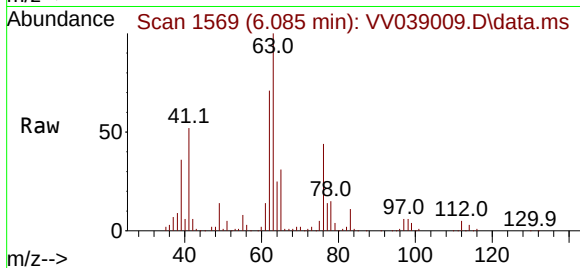
VSTDCCC050

Tgt Ion: 63 Resp: 468870

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 44.778 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

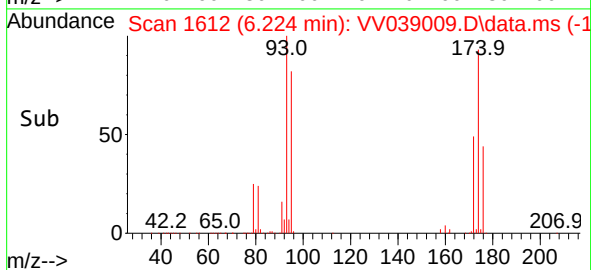
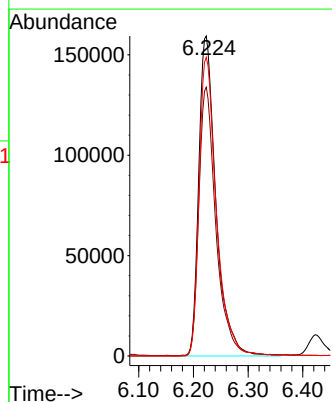
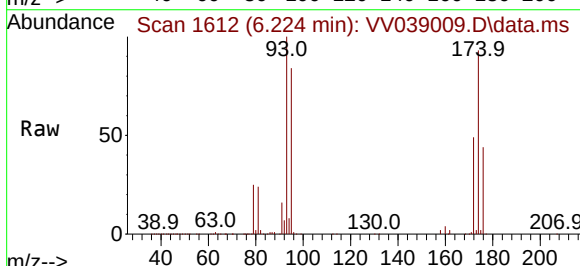
Tgt Ion: 93 Resp: 347391

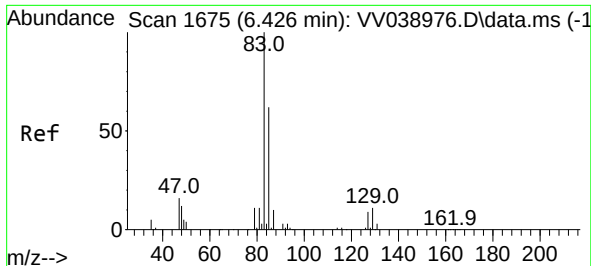
Ion Ratio Lower Upper

93 100

95 83.6 66.4 99.6

174 94.2 79.7 119.5

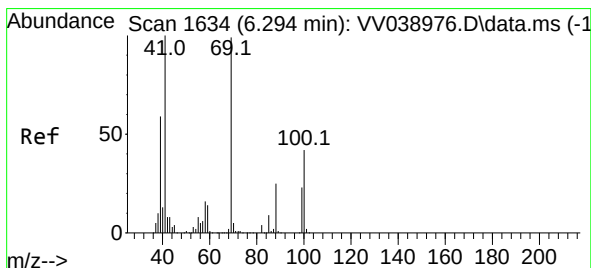
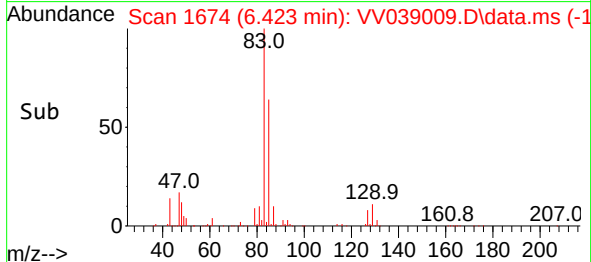
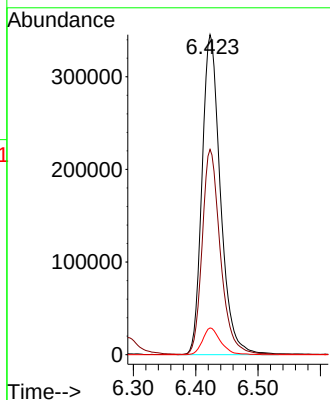
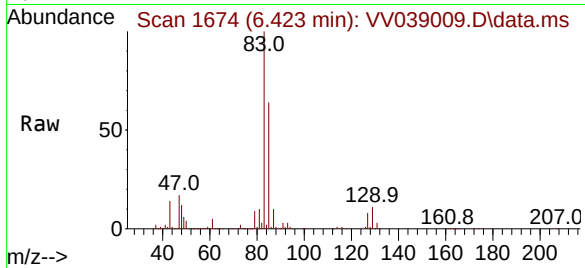




#47
Bromodichloromethane
Concen: 44.936 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

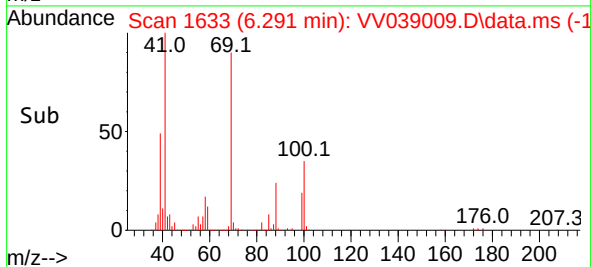
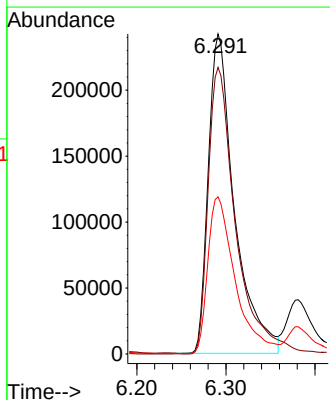
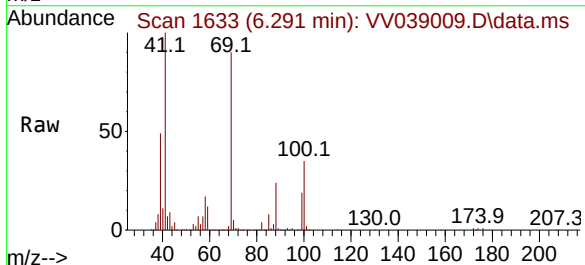
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

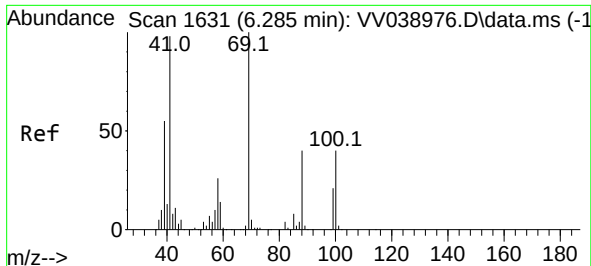
Tgt Ion: 83 Resp: 709496
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 60.130 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 41 Resp: 494597
Ion Ratio Lower Upper
41 100
69 94.4 82.5 123.7
39 51.3 46.6 69.8





#49

1,4-Dioxane

Concen: 1260.263 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

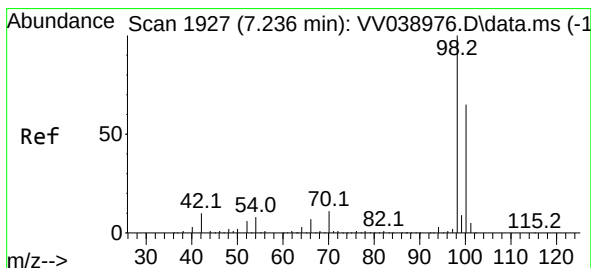
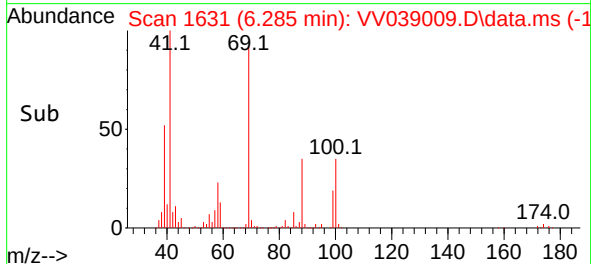
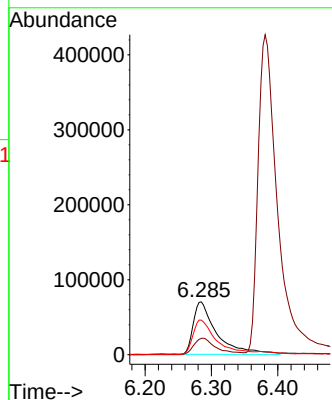
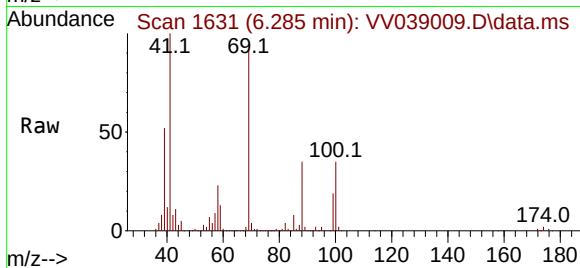
Tgt Ion: 88 Resp: 173330

Ion Ratio Lower Upper

88 100

43 28.5 24.6 36.8

58 65.1 51.8 77.6



#50

Toluene-d8

Concen: 44.158 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039009.D

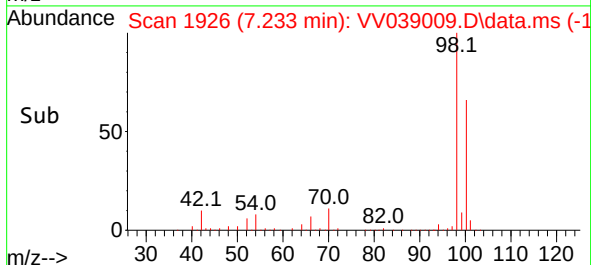
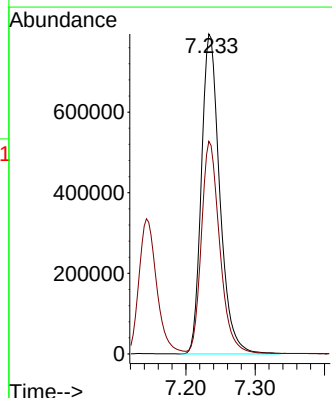
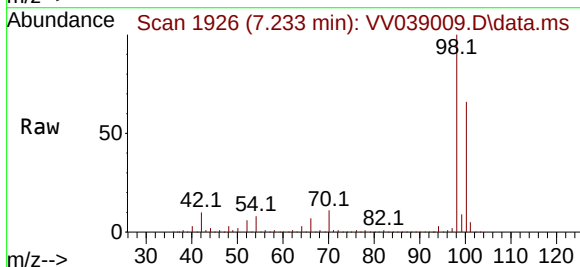
Acq: 22 Aug 2025 09:03

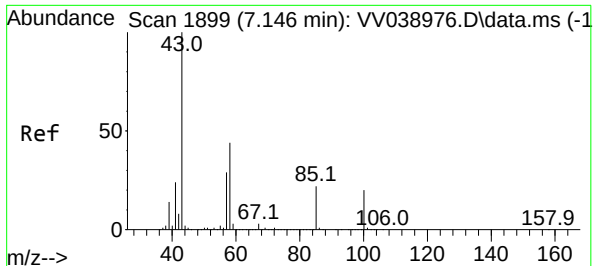
Tgt Ion: 98 Resp: 1459428

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

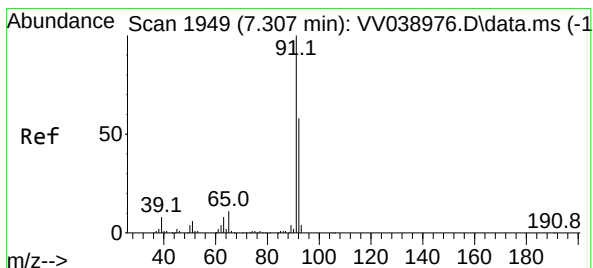
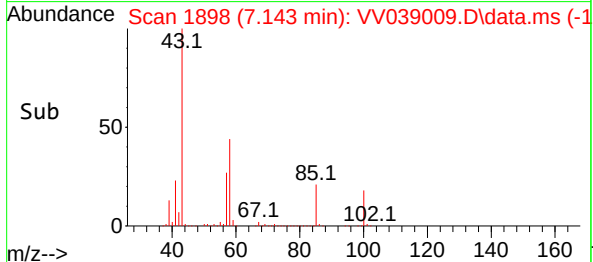
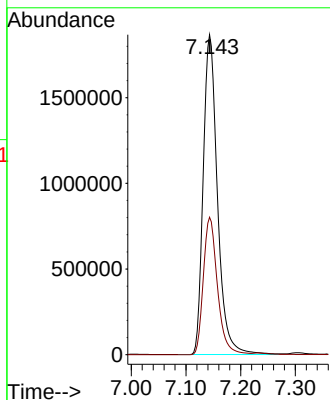
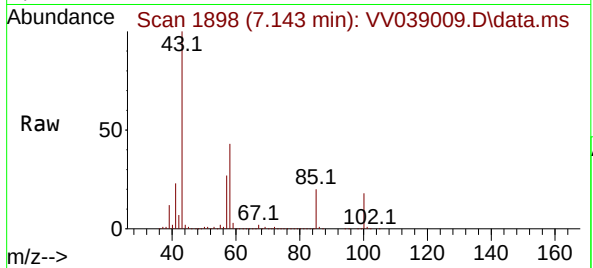




#51
4-Methyl-2-Pentanone
Concen: 280.159 ug/l
RT: 7.143 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

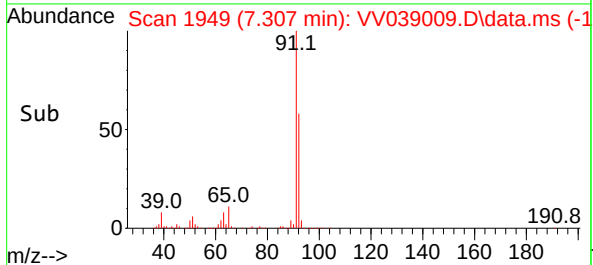
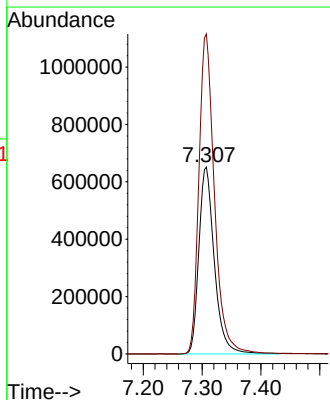
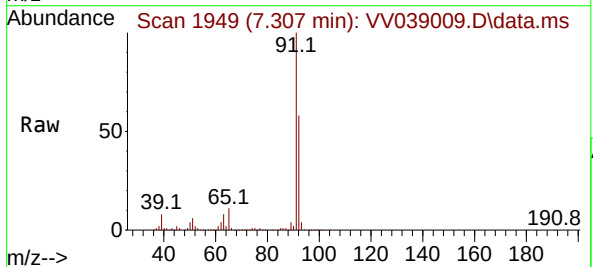
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

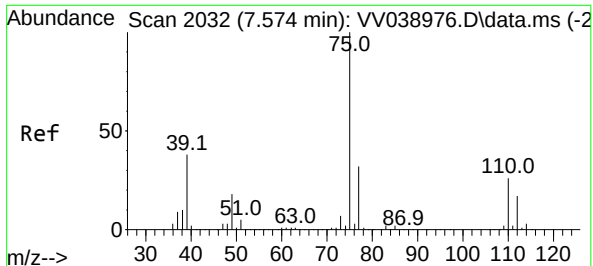
Tgt Ion: 43 Resp: 3375418
Ion Ratio Lower Upper
43 100
58 42.5 34.6 51.8



#52
Toluene
Concen: 48.770 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 92 Resp: 1190743
Ion Ratio Lower Upper
92 100
91 172.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 50.315 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

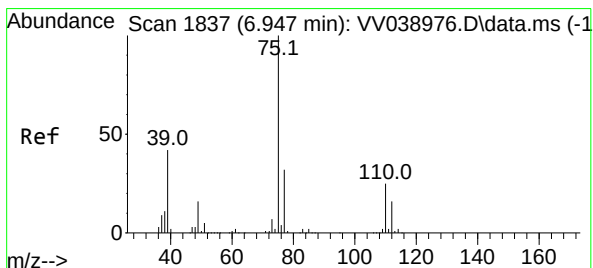
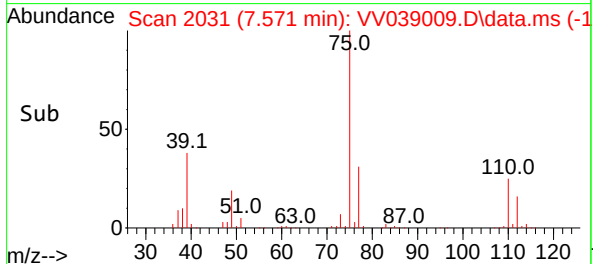
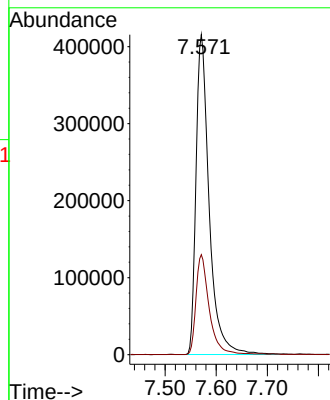
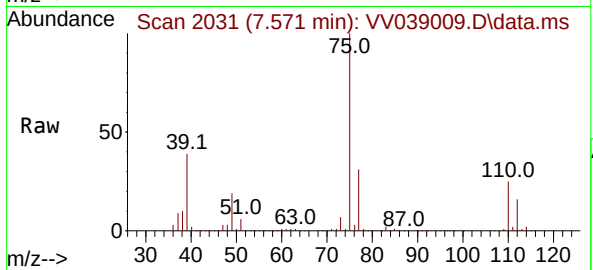
VSTDCCC050

Tgt Ion: 75 Resp: 742660

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.496 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

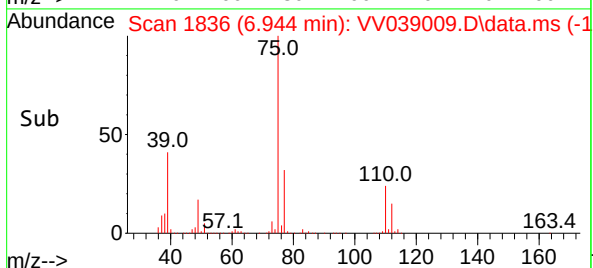
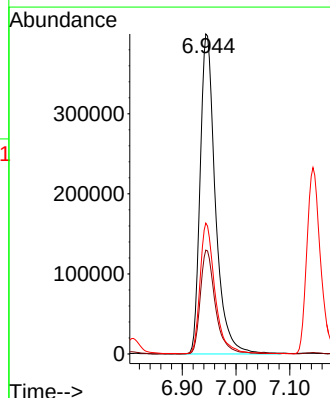
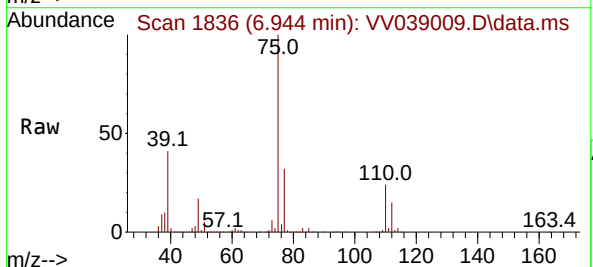
Tgt Ion: 75 Resp: 787540

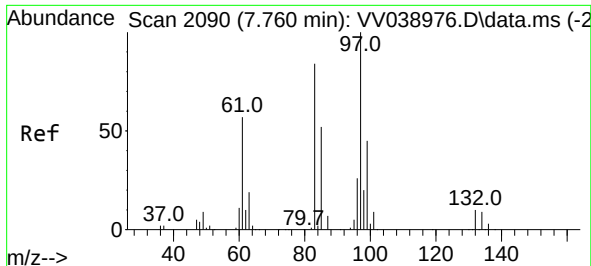
Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4

39 40.8 33.3 49.9



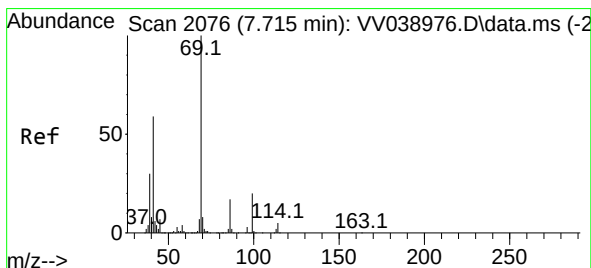
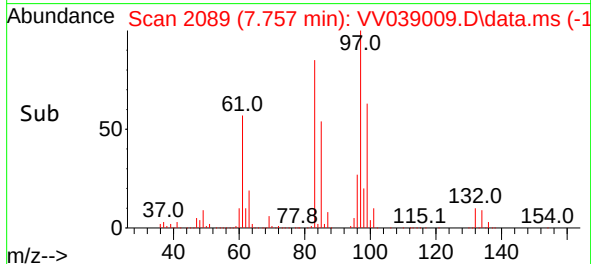
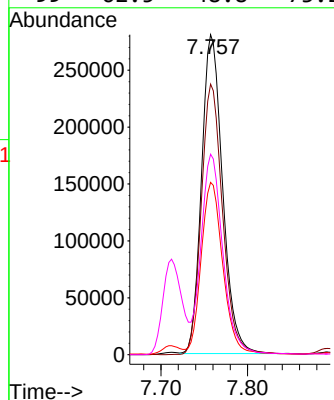
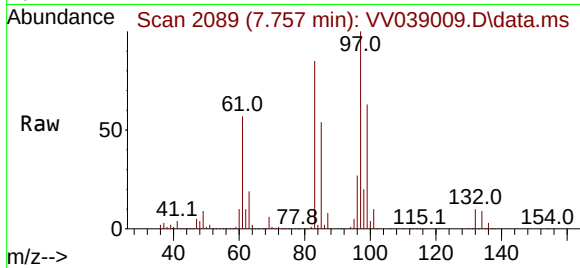


#55
 1,1,2-Trichloroethane
 Concen: 44.541 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 474162

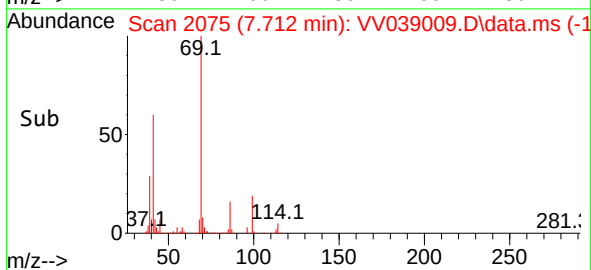
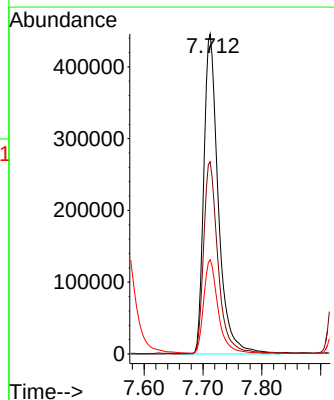
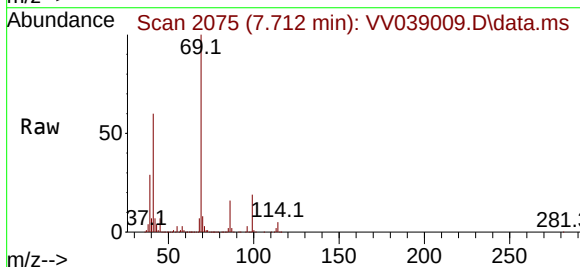
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.2	100.8
85	53.7	42.7	64.1
99	62.5	48.8	73.2

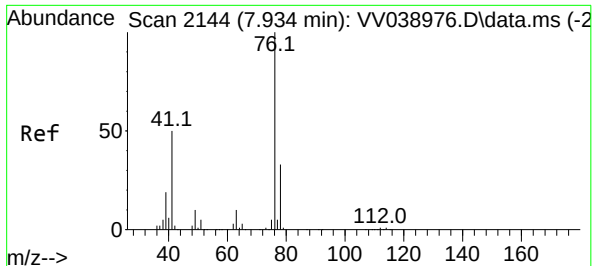


#56
 Ethyl methacrylate
 Concen: 47.517 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 69 Resp: 764269

Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.5	71.3
39	28.9	24.2	36.2





#57

1,3-Dichloropropane

Concen: 47.624 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

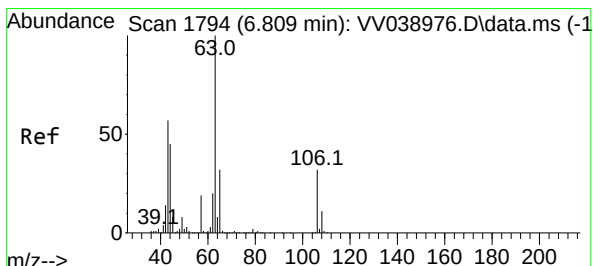
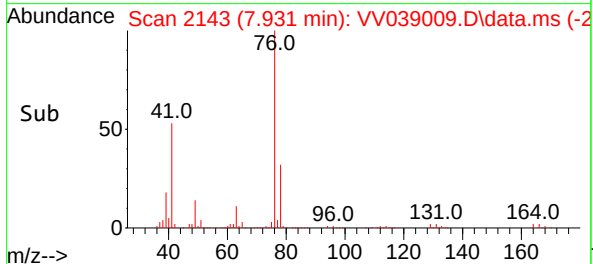
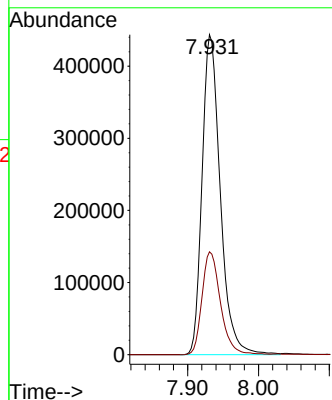
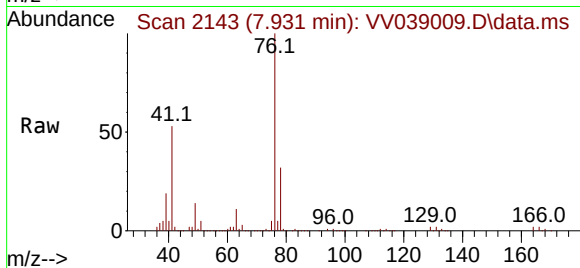
VSTDCCC050

Tgt Ion: 76 Resp: 790543

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 261.458 ug/l

RT: 6.805 min Scan# 1793

Delta R.T. -0.004 min

Lab File: VV039009.D

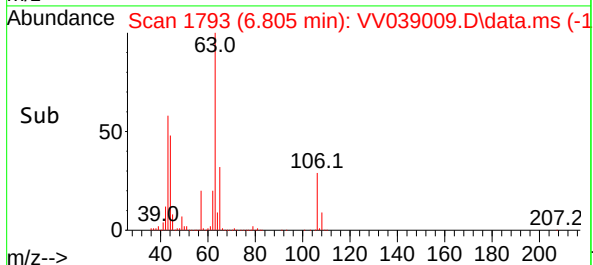
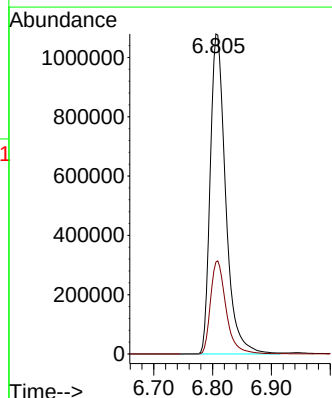
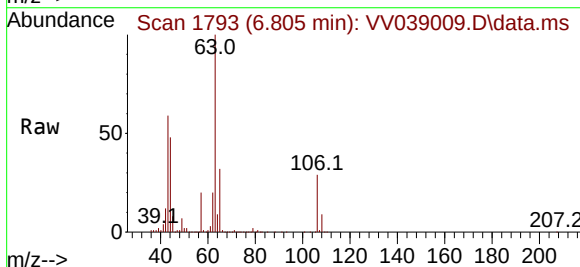
Acq: 22 Aug 2025 09:03

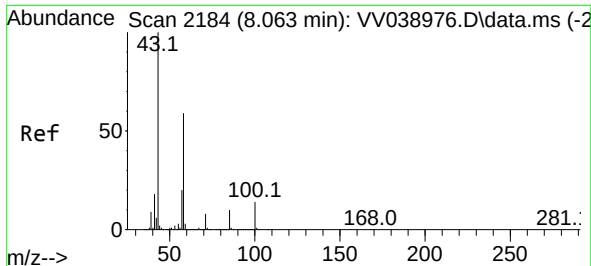
Tgt Ion: 63 Resp: 1966238

Ion Ratio Lower Upper

63 100

106 29.3 25.6 38.4

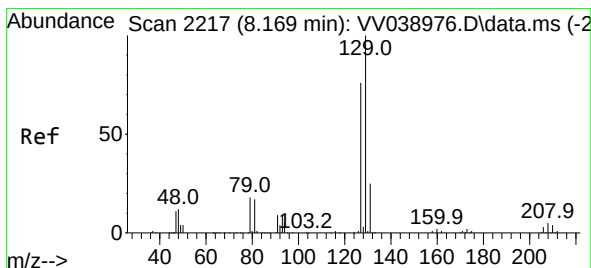
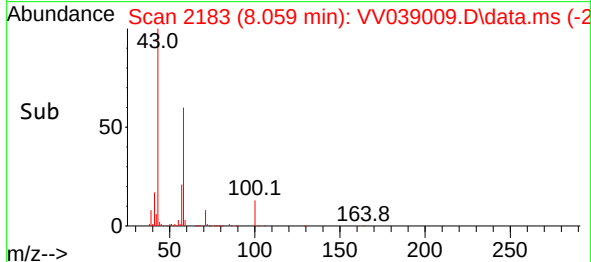
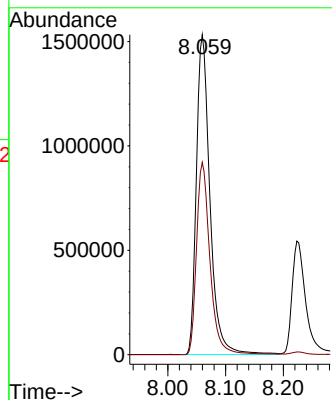
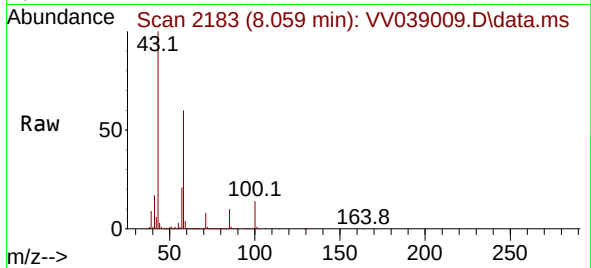




#59
2-Hexanone
Concen: 218.888 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.004 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

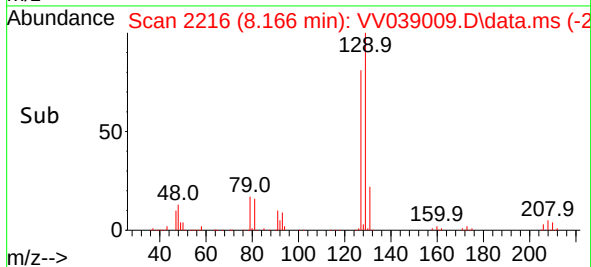
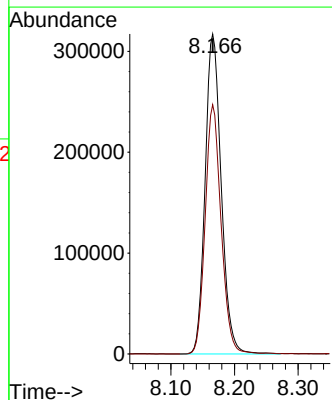
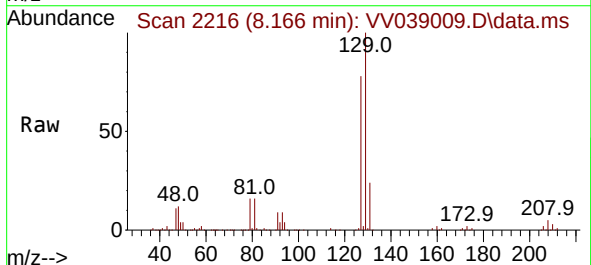
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

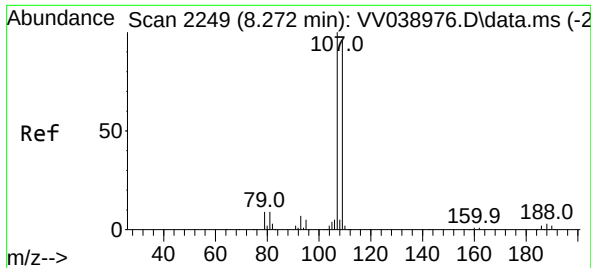
Tgt Ion: 43 Resp: 2499458
Ion Ratio Lower Upper
43 100
58 59.9 29.8 89.4



#60
Dibromochloromethane
Concen: 43.375 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:129 Resp: 557546
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1

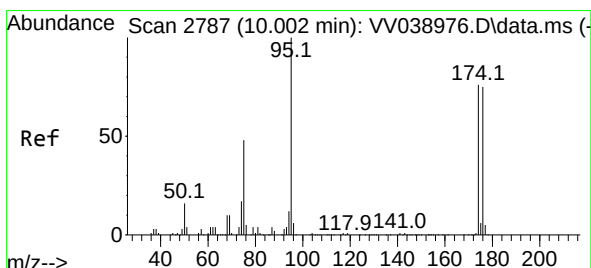
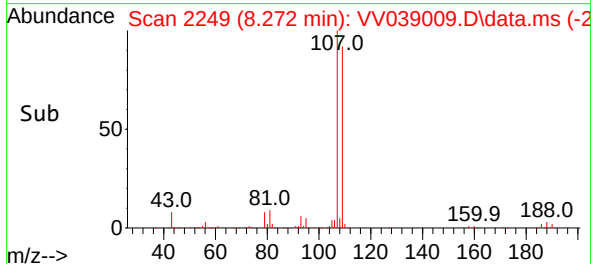
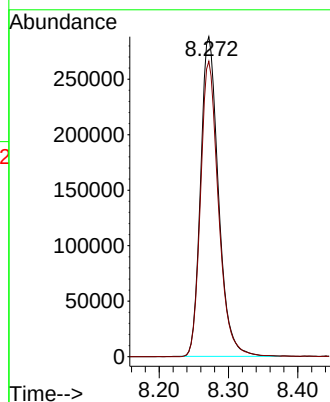
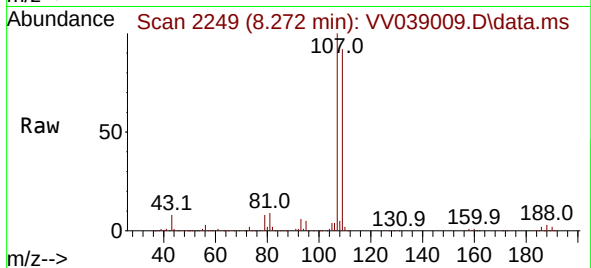




#61
1,2-Dibromoethane
Concen: 46.749 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

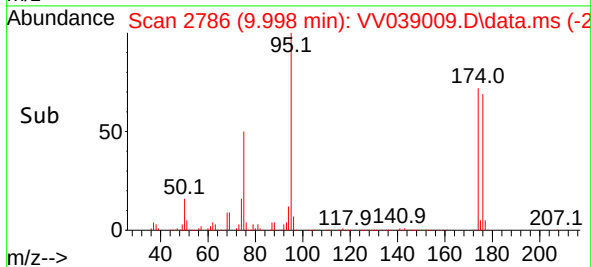
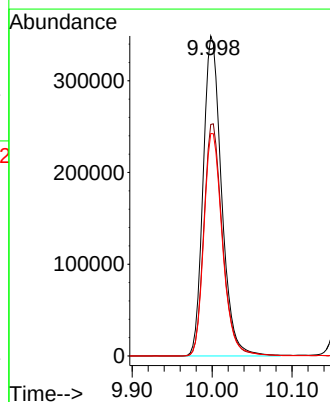
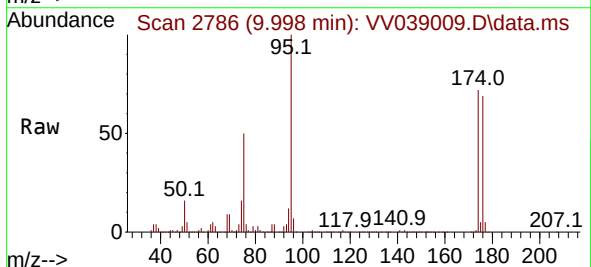
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

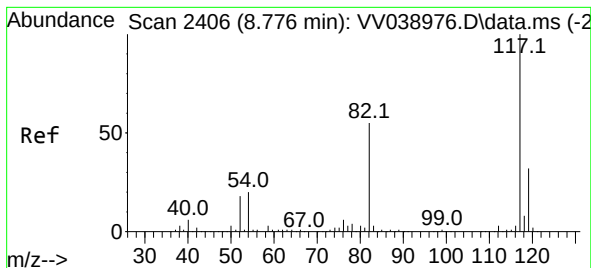
Tgt Ion:107 Resp: 516305
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 46.267 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 95 Resp: 559387
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.4
176 70.4 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

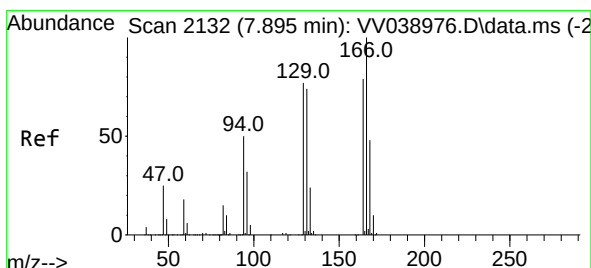
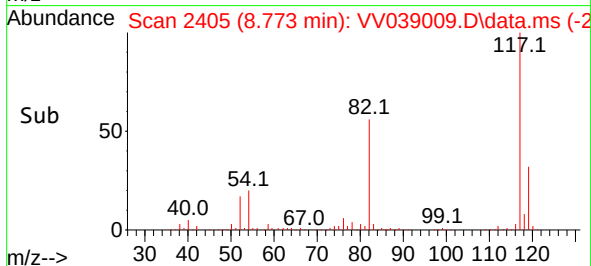
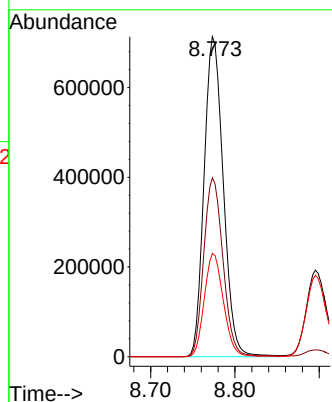
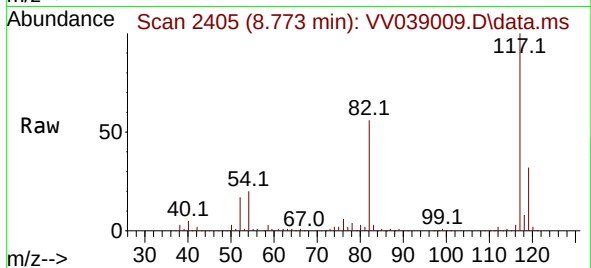
Tgt Ion:117 Resp: 1133330

Ion Ratio Lower Upper

117 100

82 55.9 44.4 66.6

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 46.768 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Tgt Ion:164 Resp: 394392

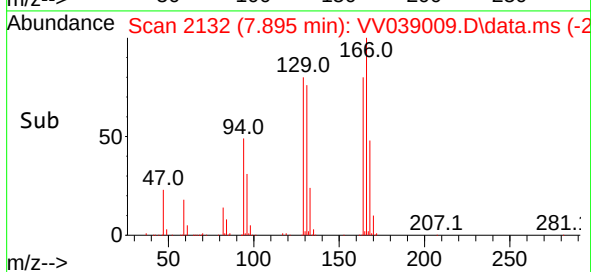
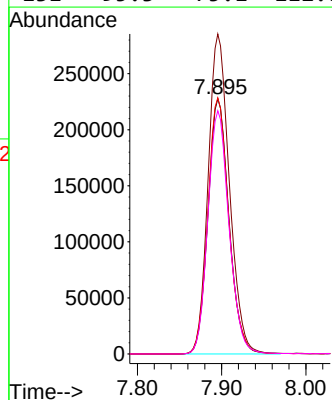
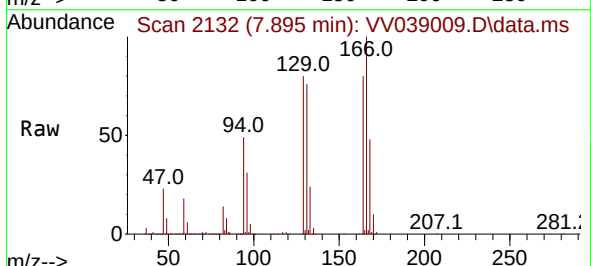
Ion Ratio Lower Upper

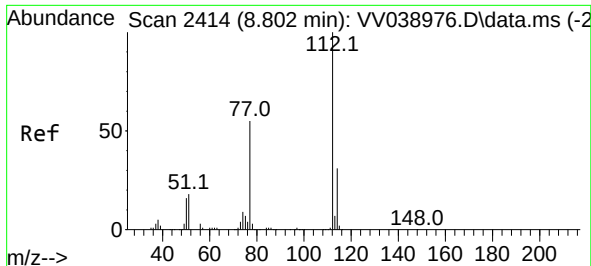
164 100

166 125.4 101.8 152.6

129 100.4 78.7 118.1

131 95.3 75.1 112.7

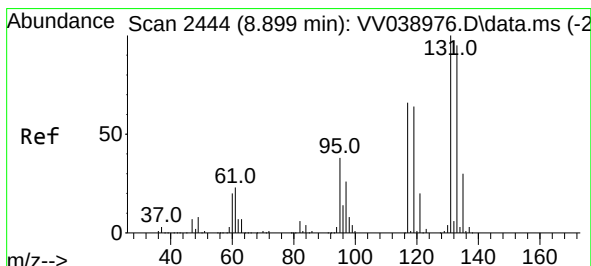
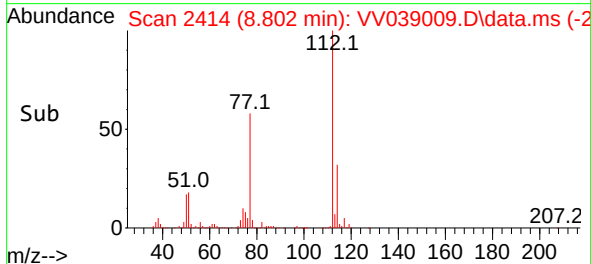
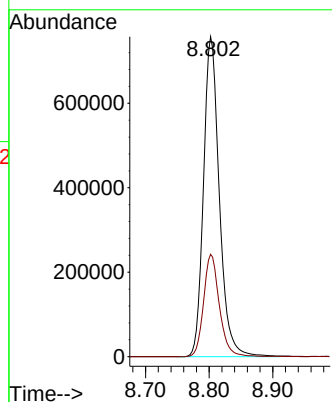
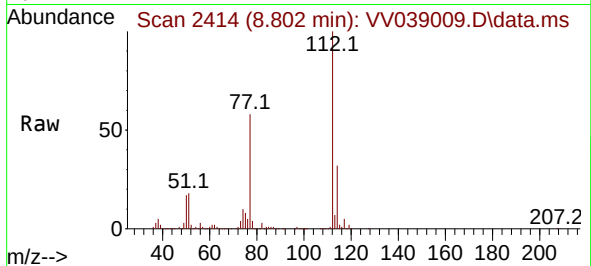




#65
Chlorobenzene
Concen: 47.922 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

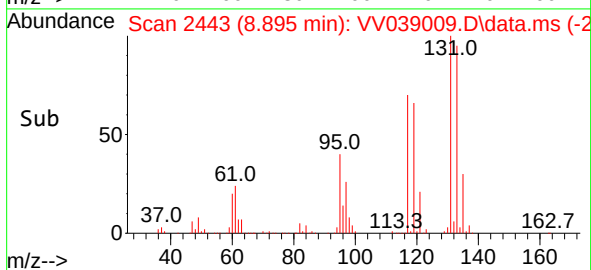
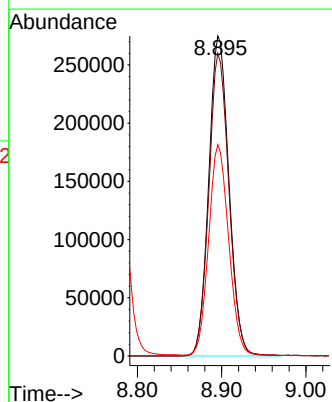
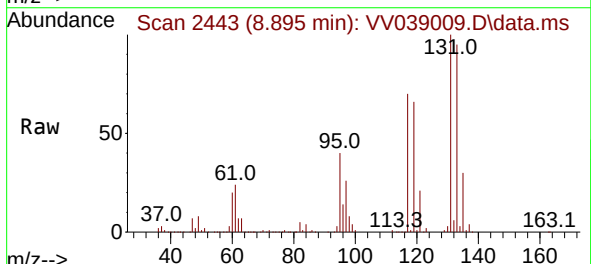
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

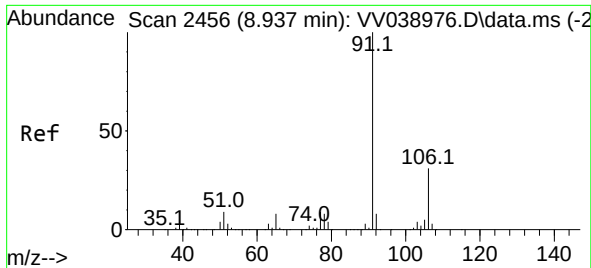
Tgt Ion:112 Resp: 1309485
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.644 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:131 Resp: 457543
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 65.2 32.1 96.3





#67

Ethyl Benzene

Concen: 54.389 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

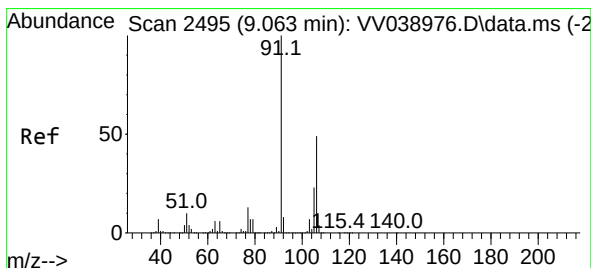
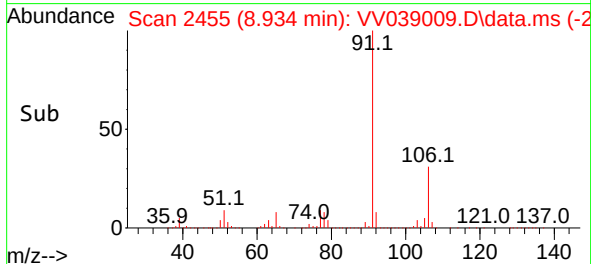
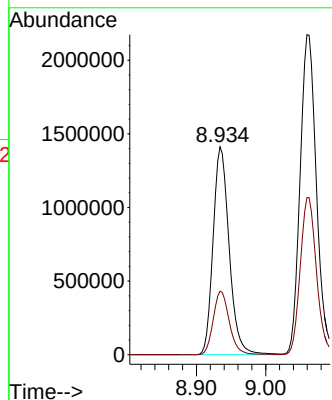
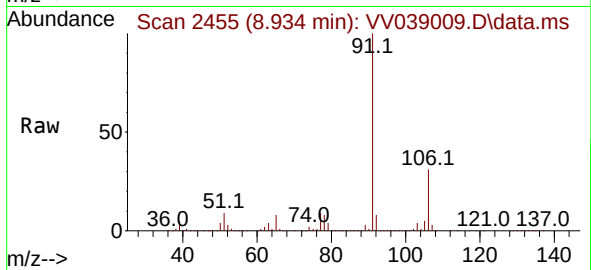
VSTDCCC050

Tgt Ion: 91 Resp: 2268847

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 107.718 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV039009.D

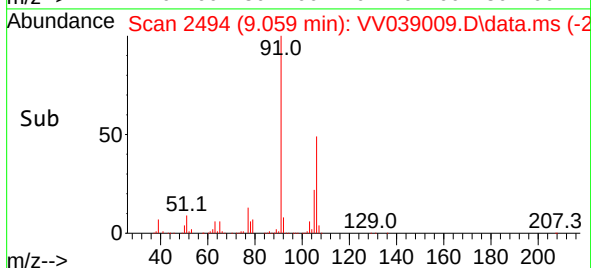
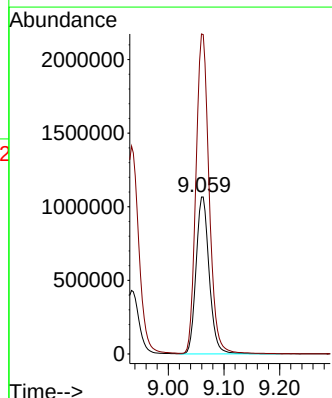
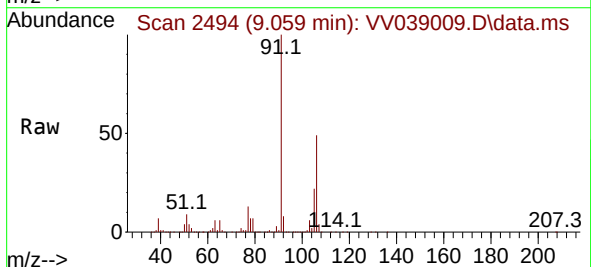
Acq: 22 Aug 2025 09:03

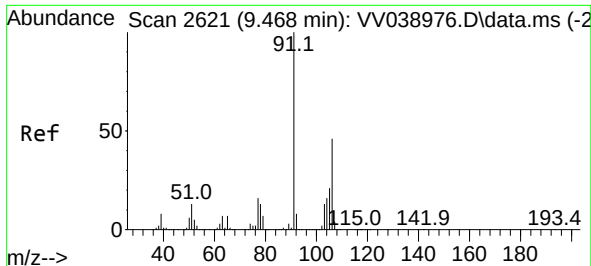
Tgt Ion: 106 Resp: 1745146

Ion Ratio Lower Upper

106 100

91 204.9 163.6 245.4

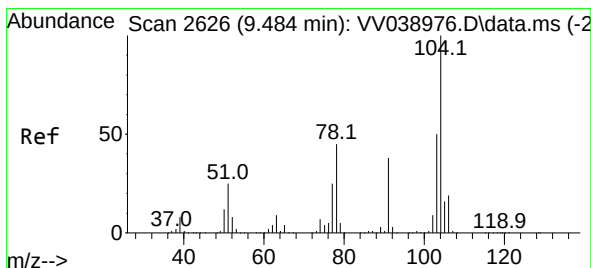
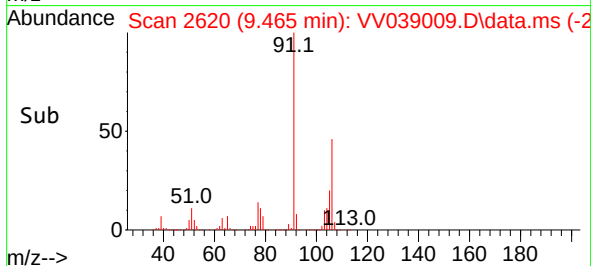
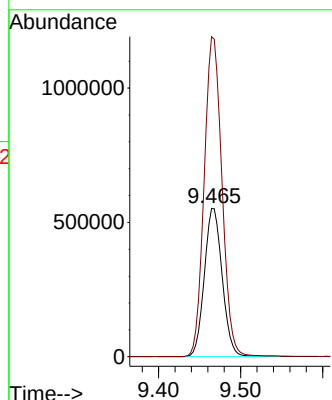
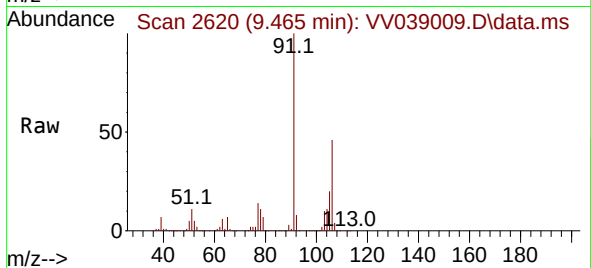




#69
o-Xylene
Concen: 56.520 ug/l
RT: 9.465 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

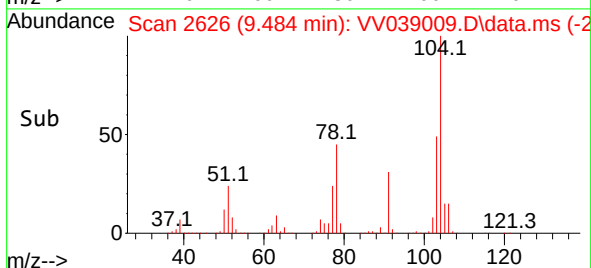
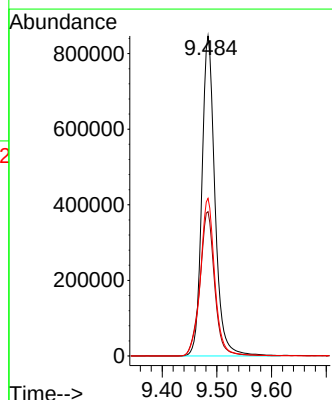
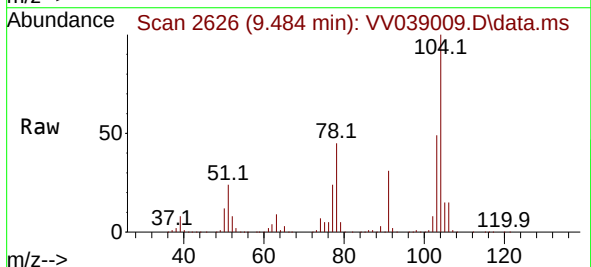
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

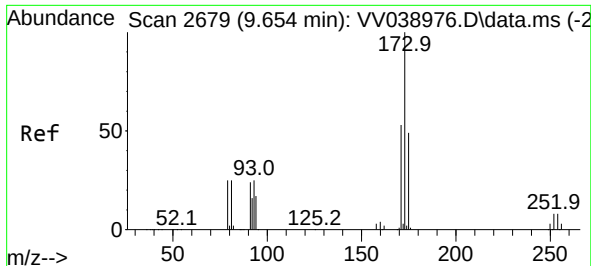
Tgt Ion:106 Resp: 834605
Ion Ratio Lower Upper
106 100
91 215.3 108.0 324.0



#70
Styrene
Concen: 55.692 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:104 Resp: 1410898
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 54.2 43.5 65.3

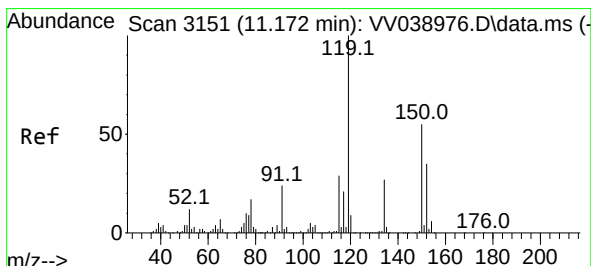
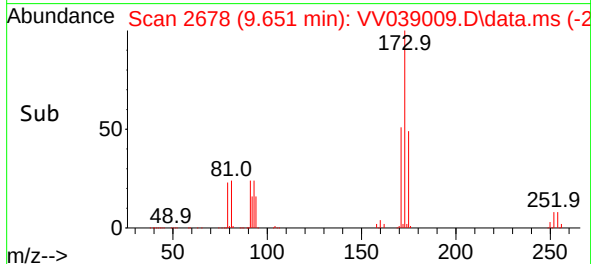
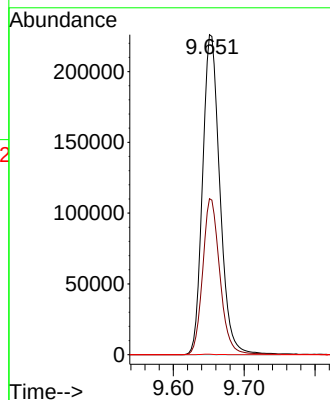
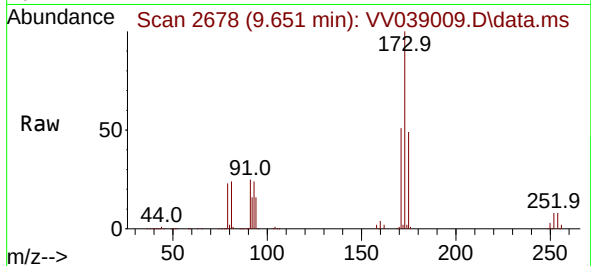




#71
Bromoform
Concen: 47.453 ug/l
RT: 9.651 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

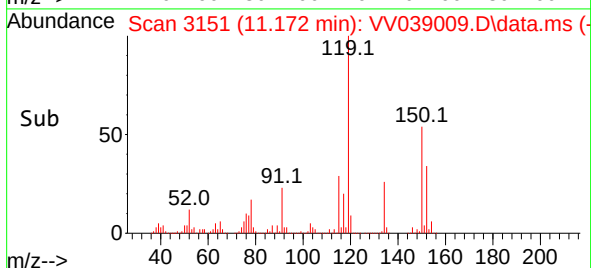
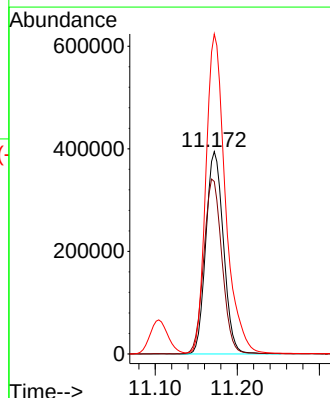
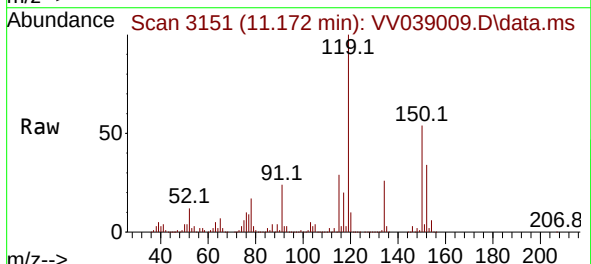
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

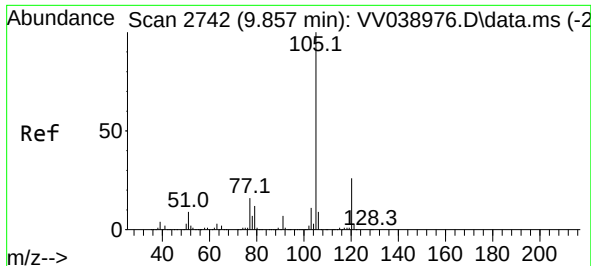
Tgt Ion:173 Resp: 383518
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:152 Resp: 587247
Ion Ratio Lower Upper
152 100
115 89.1 42.5 127.5
150 175.3 0.0 344.8

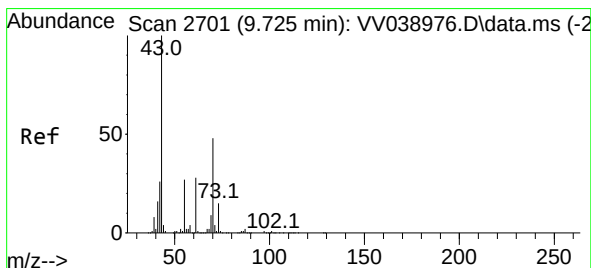
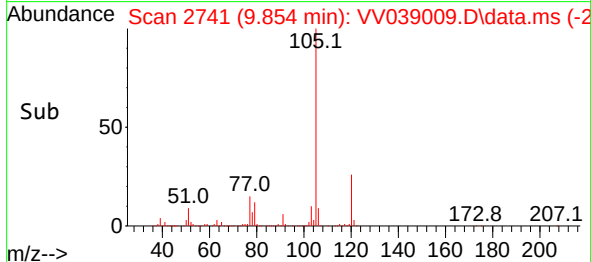
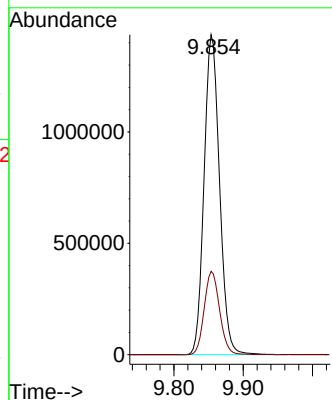
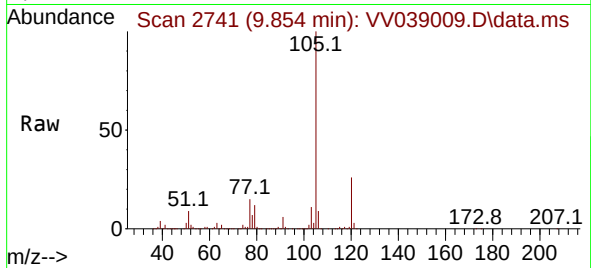




#73
Isopropylbenzene
Concen: 56.306 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

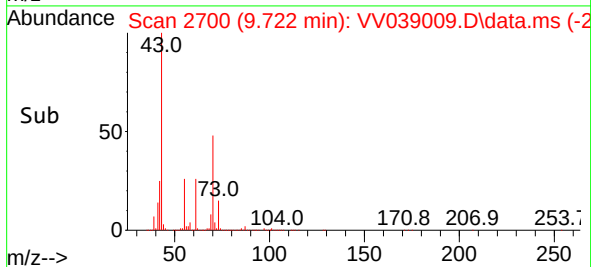
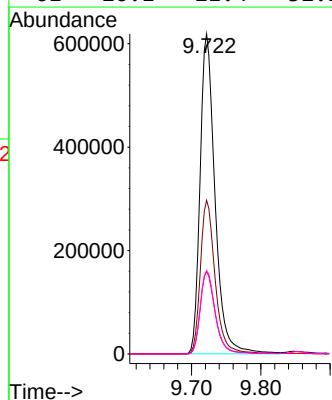
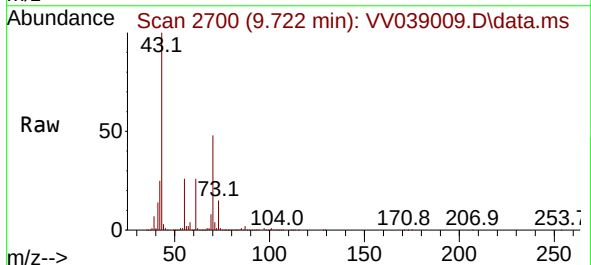
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

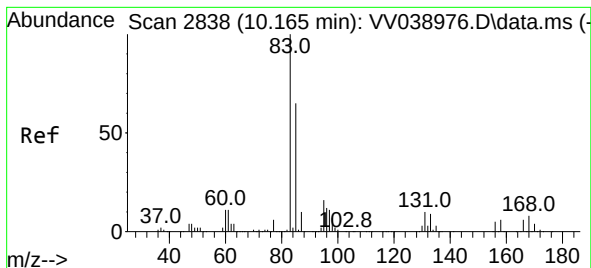
Tgt Ion:105 Resp: 2218800
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 64.396 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 43 Resp: 929708
Ion Ratio Lower Upper
43 100
70 47.8 38.3 57.5
55 25.9 21.6 32.4
61 26.1 21.4 32.2

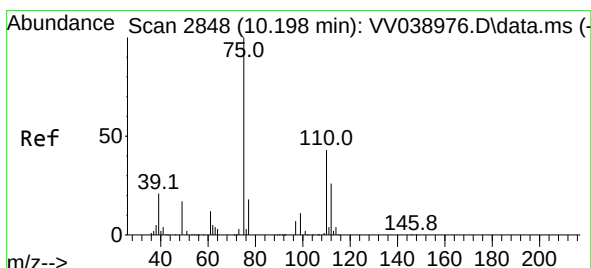
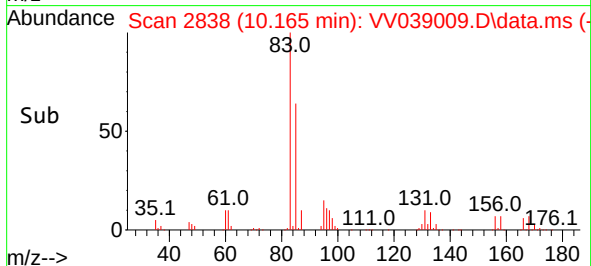
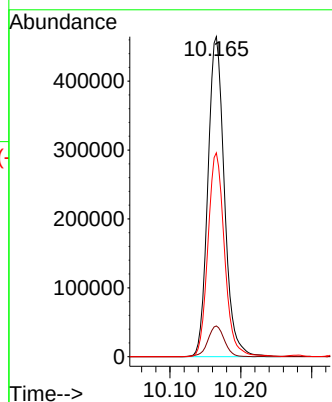
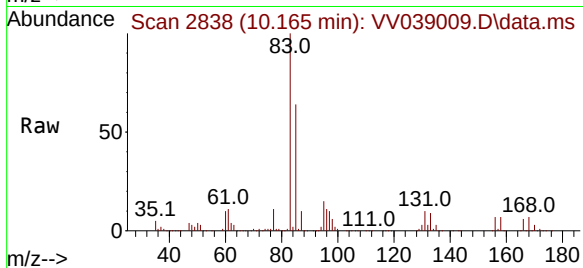




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.029 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

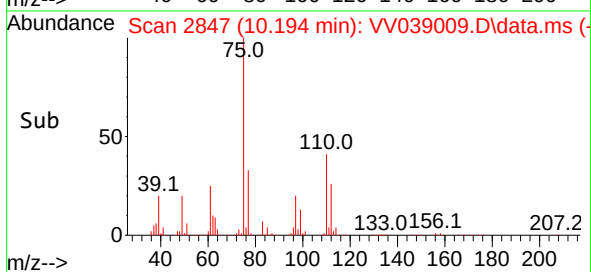
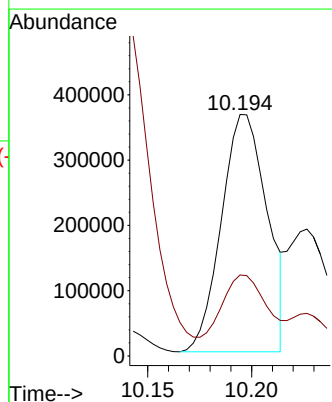
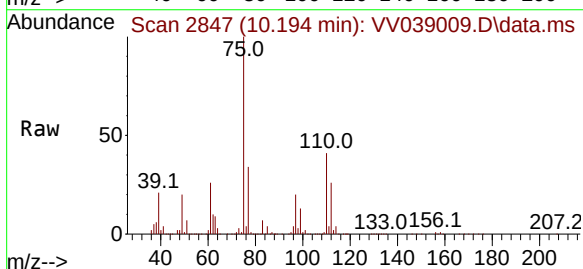
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

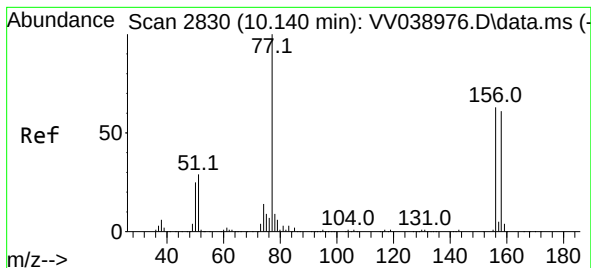
Tgt Ion: 83 Resp: 751652
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.3 15.9
 85 64.1 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 51.224 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 75 Resp: 557967
 Ion Ratio Lower Upper
 75 100
 77 24.0 11.3 33.8





#77

Bromobenzene

Concen: 51.537 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

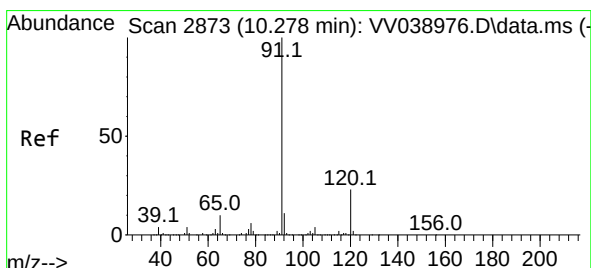
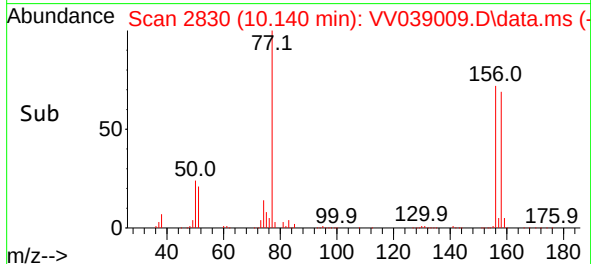
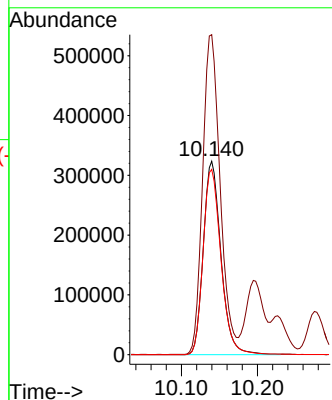
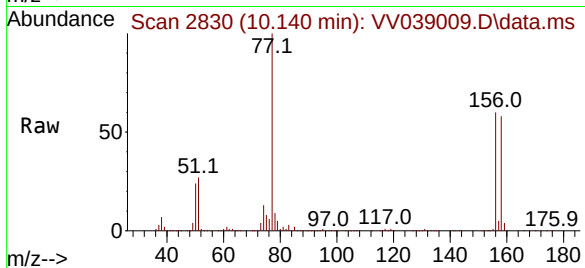
Tgt Ion:156 Resp: 521786

Ion Ratio Lower Upper

156 100

77 164.5 79.0 237.0

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 57.132 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.003 min

Lab File: VV039009.D

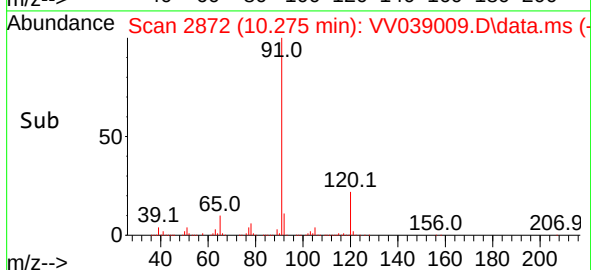
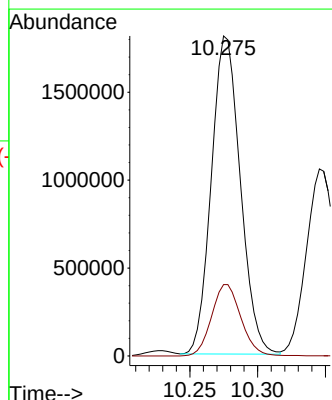
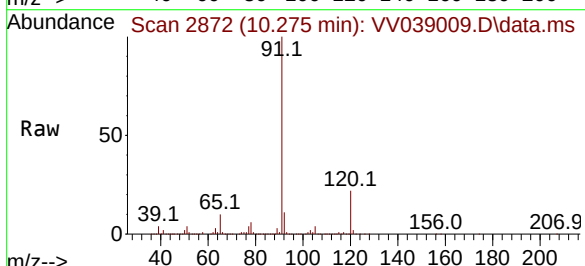
Acq: 22 Aug 2025 09:03

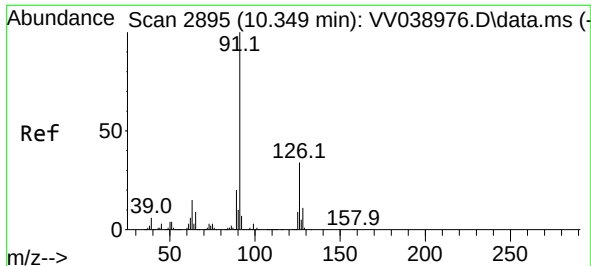
Tgt Ion: 91 Resp: 2687980

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

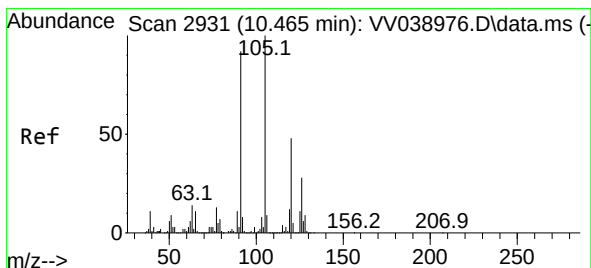
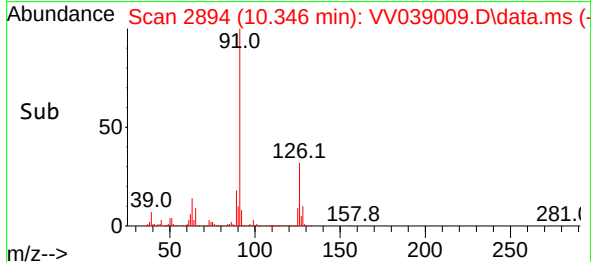
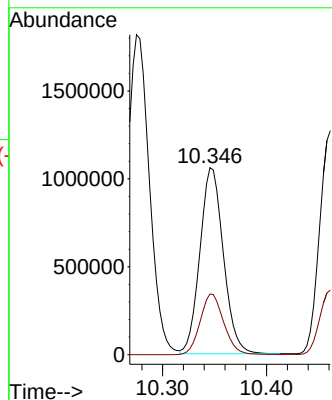
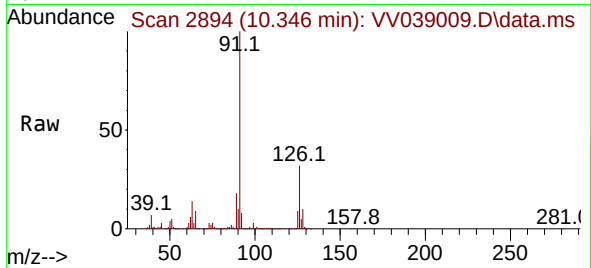




#79
2-Chlorotoluene
Concen: 58.783 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. -0.003 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

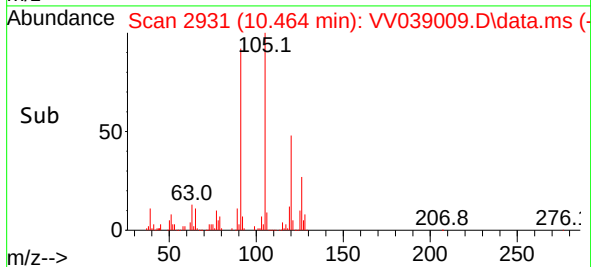
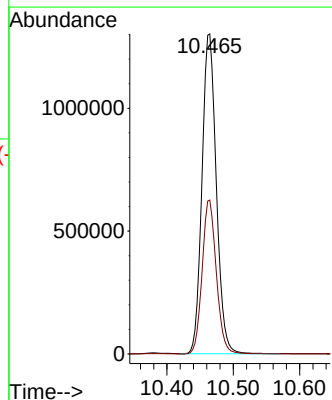
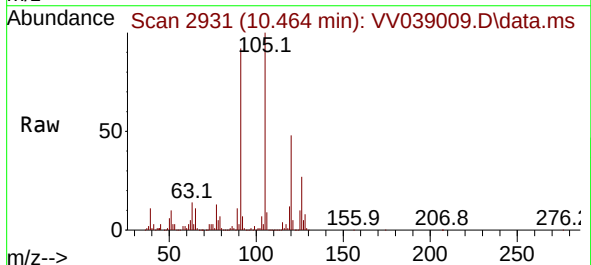
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

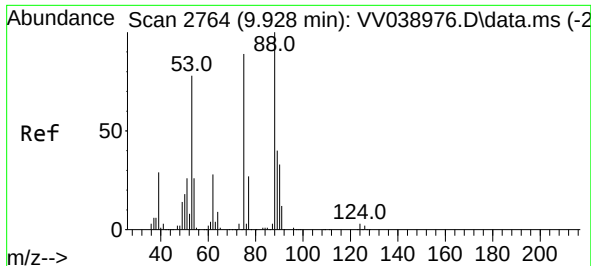
Tgt Ion: 91 Resp: 1660553
Ion Ratio Lower Upper
91 100
126 32.8 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 58.975 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 105 Resp: 1955734
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

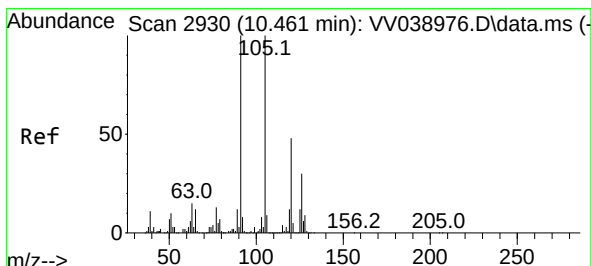
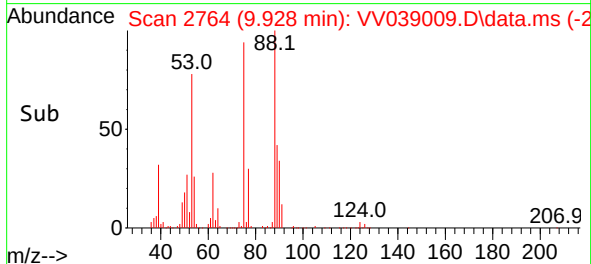
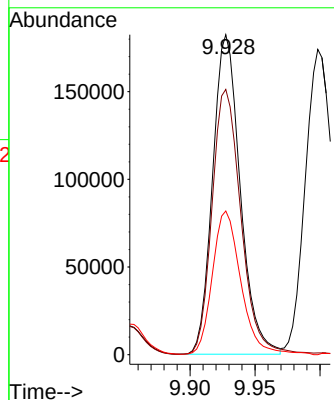
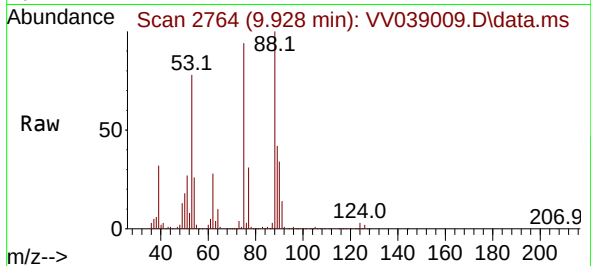




#81
trans-1,4-Dichloro-2-butene
Concen: 56.708 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

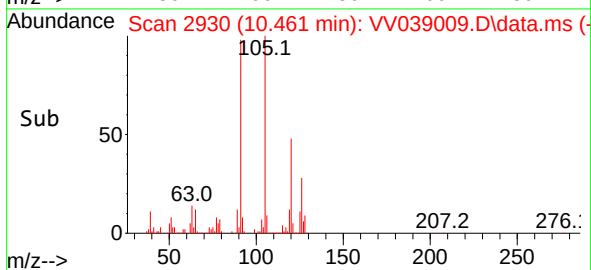
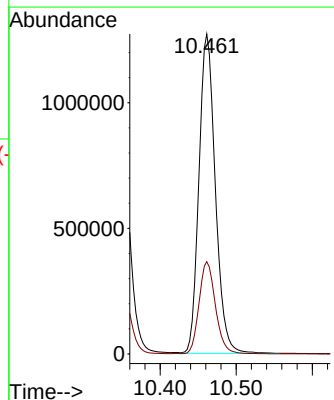
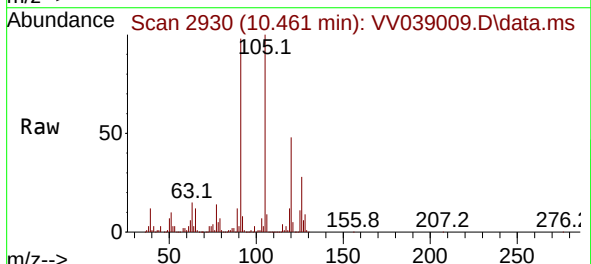
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

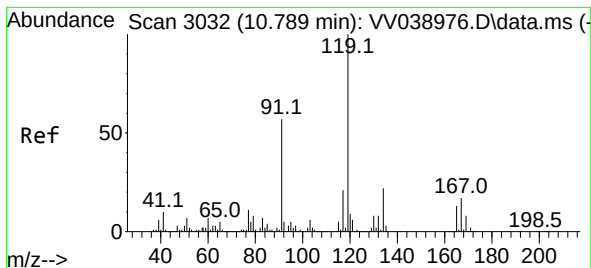
Tgt Ion: 75 Resp: 269045
Ion Ratio Lower Upper
75 100
53 86.9 70.3 105.5
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 58.468 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion: 91 Resp: 1903644
Ion Ratio Lower Upper
91 100
126 28.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 58.676 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

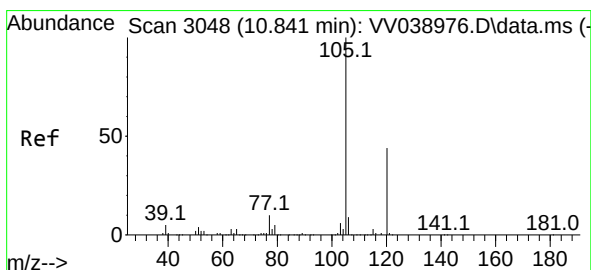
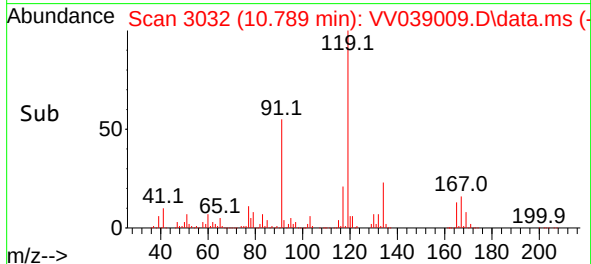
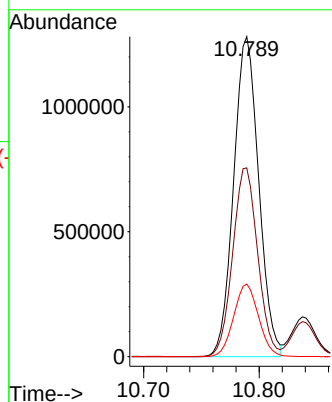
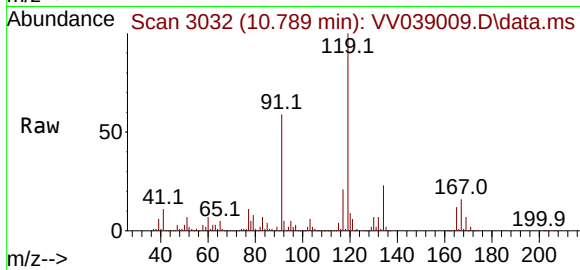
Tgt Ion:119 Resp: 1932135

Ion Ratio Lower Upper

119 100

91 58.9 28.4 85.3

134 22.6 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 60.825 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VV039009.D

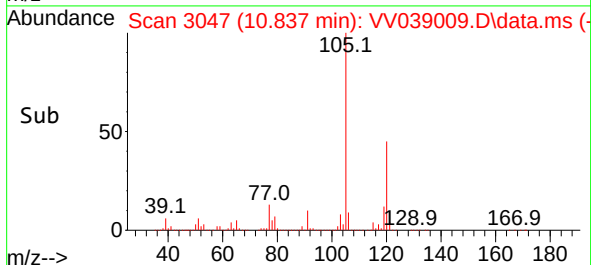
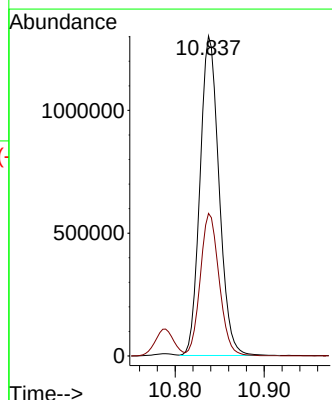
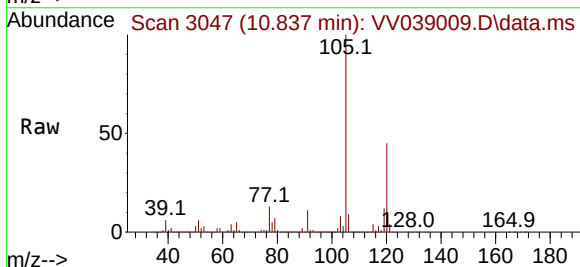
Acq: 22 Aug 2025 09:03

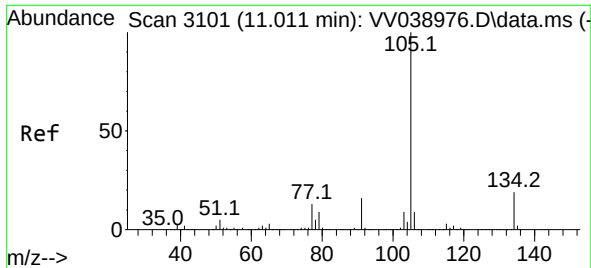
Tgt Ion:105 Resp: 1930325

Ion Ratio Lower Upper

105 100

120 44.3 22.8 68.3

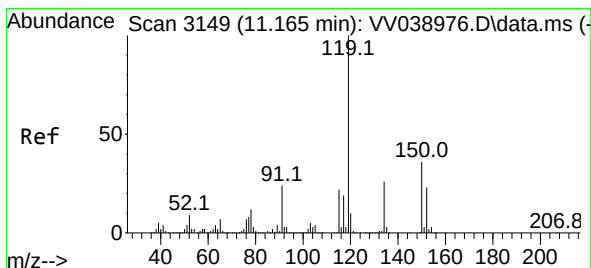
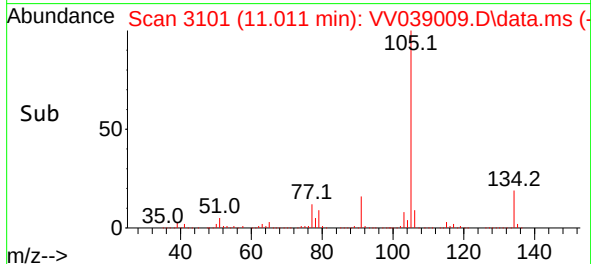
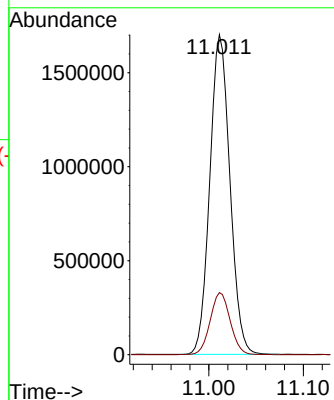
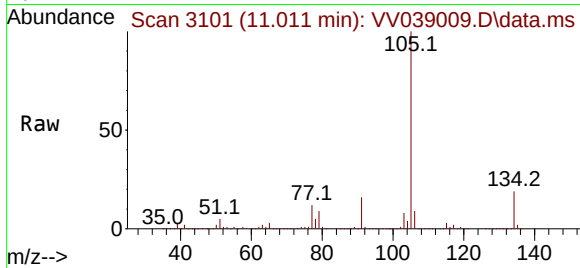




#85
 sec-Butylbenzene
 Concen: 58.658 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

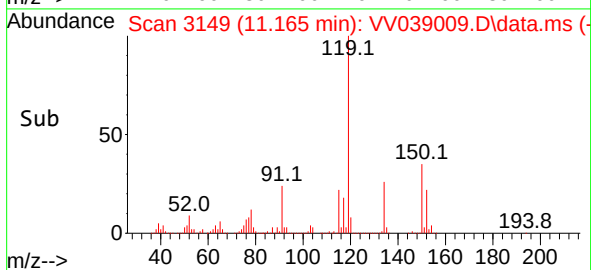
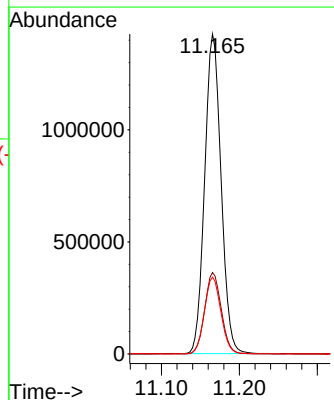
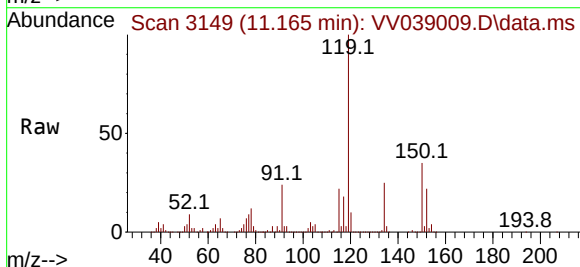
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

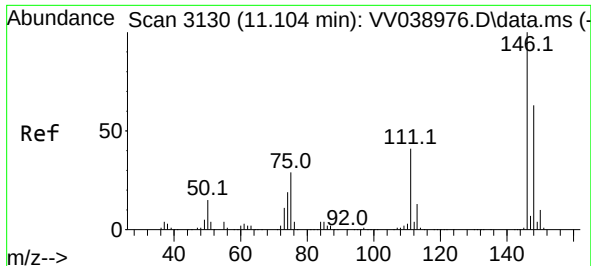
Tgt Ion:105 Resp: 2512016
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 57.774 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion:119 Resp: 2083608
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.235 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

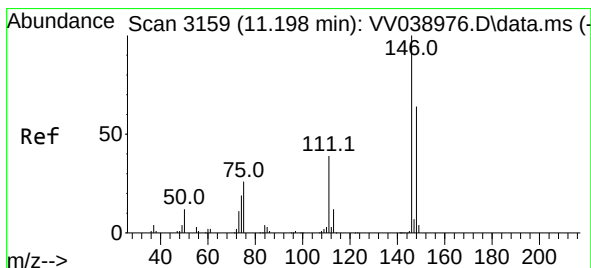
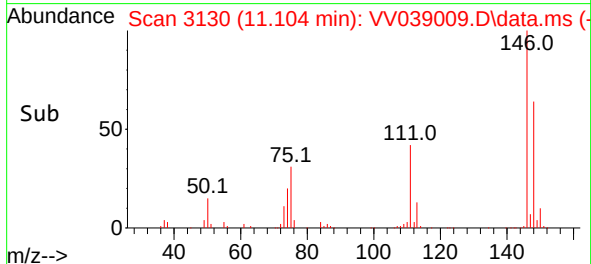
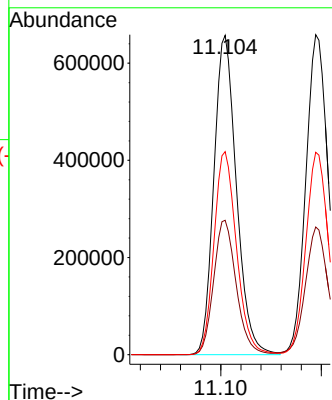
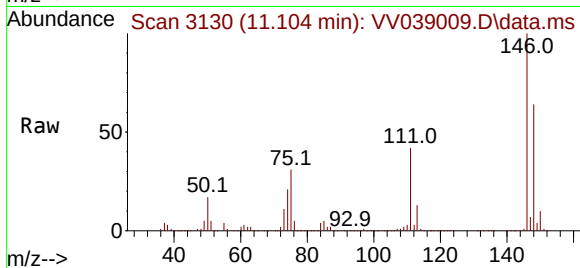
Tgt Ion:146 Resp: 1024298

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.711 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

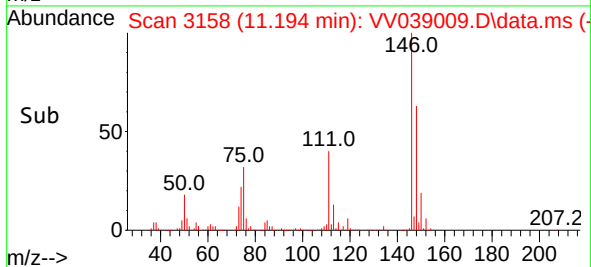
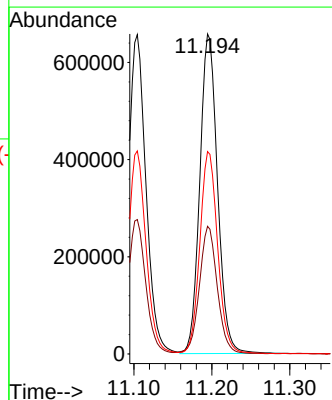
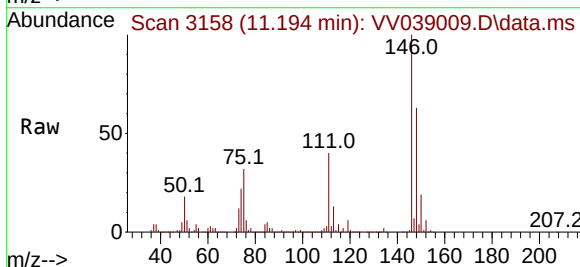
Tgt Ion:146 Resp: 1038812

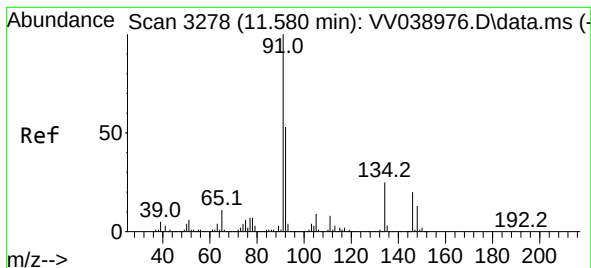
Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

148 63.8 31.8 95.3





#89

n-Butylbenzene

Concen: 53.537 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

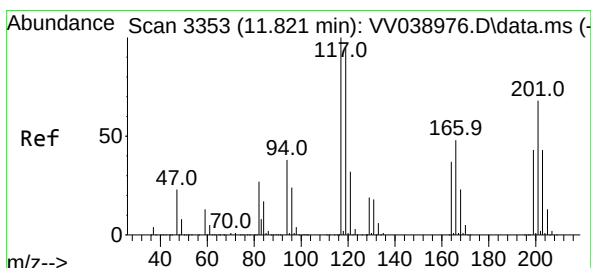
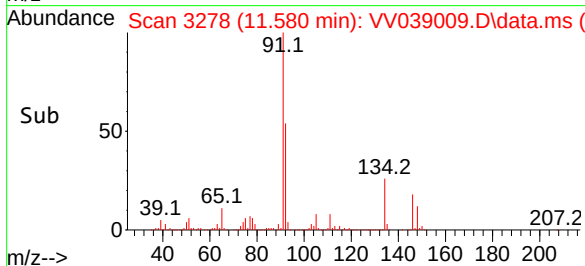
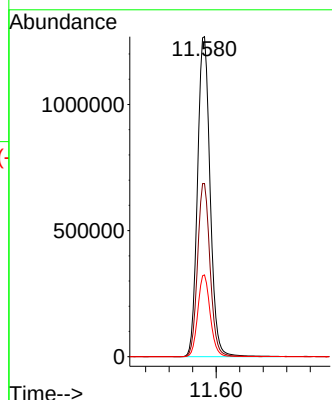
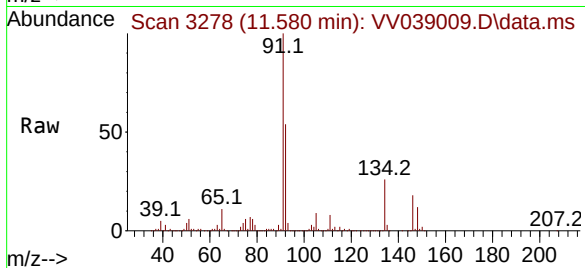
Tgt Ion: 91 Resp: 1881120

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.5

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 45.493 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV039009.D

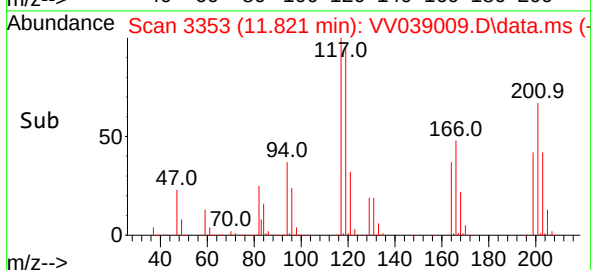
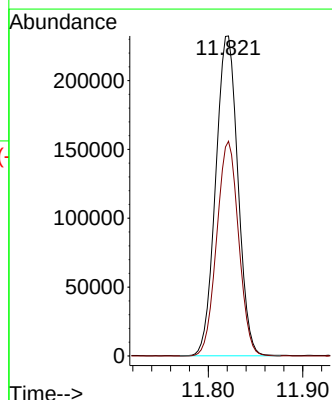
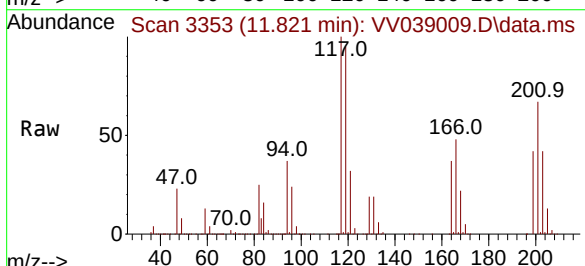
Acq: 22 Aug 2025 09:03

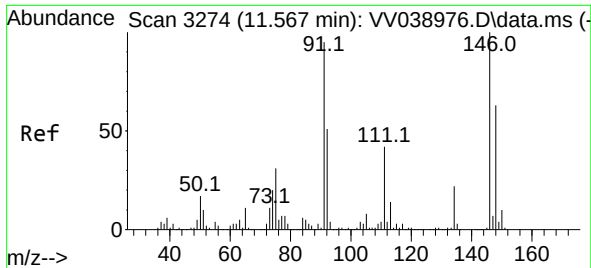
Tgt Ion: 117 Resp: 379173

Ion Ratio Lower Upper

117 100

201 66.2 33.7 101.0

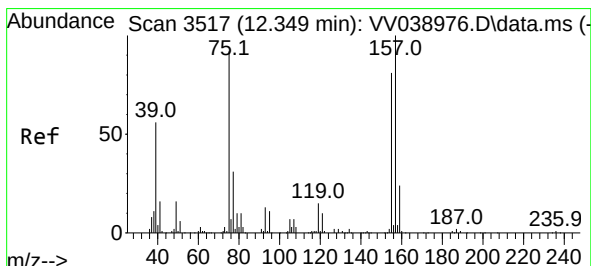
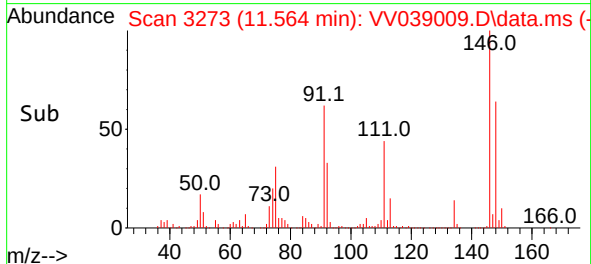
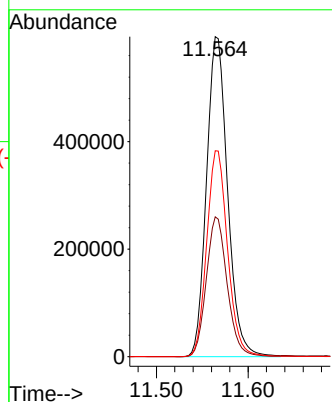
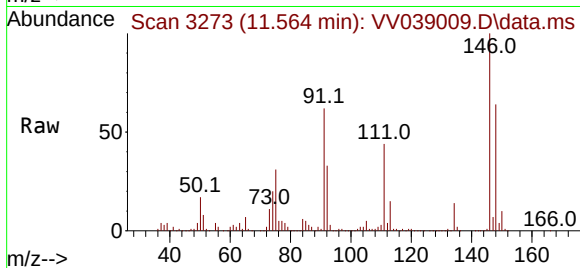




#91
 1,2-Dichlorobenzene
 Concen: 49.745 ug/l
 RT: 11.564 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

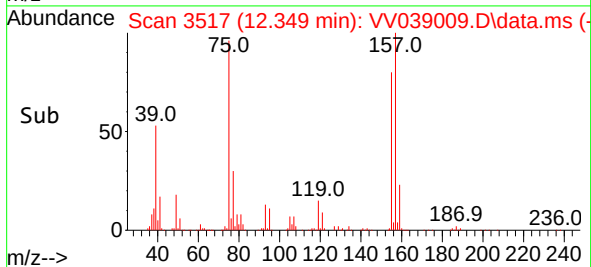
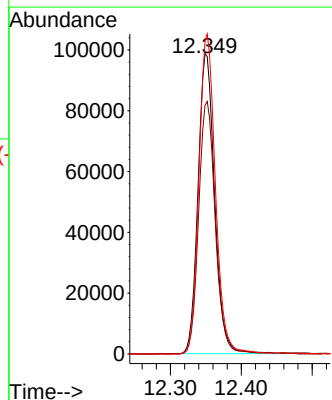
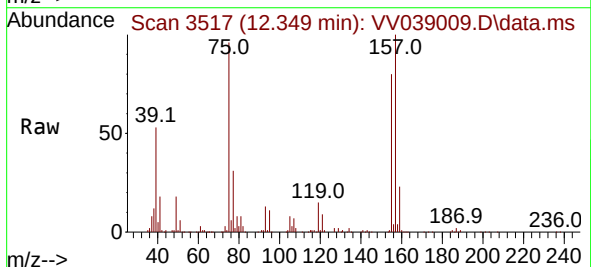
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

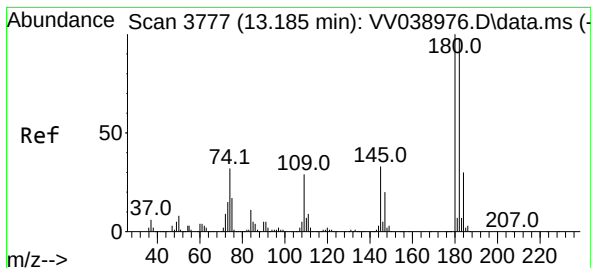
Tgt Ion:146 Resp: 948293
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.4
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.843 ug/l
 RT: 12.349 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: VV039009.D
 Acq: 22 Aug 2025 09:03

Tgt Ion: 75 Resp: 160839
 Ion Ratio Lower Upper
 75 100
 155 84.1 43.7 131.1
 157 106.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 53.831 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

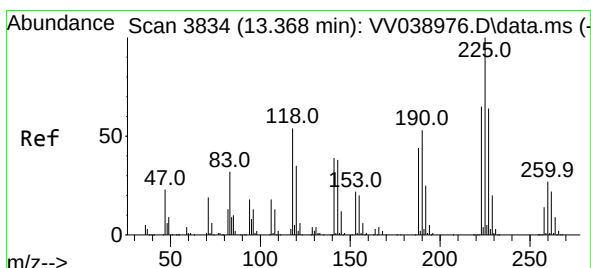
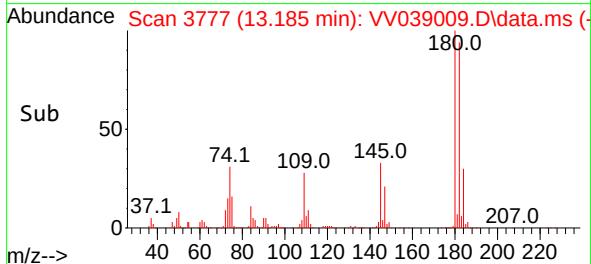
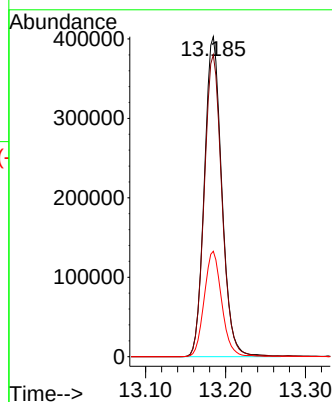
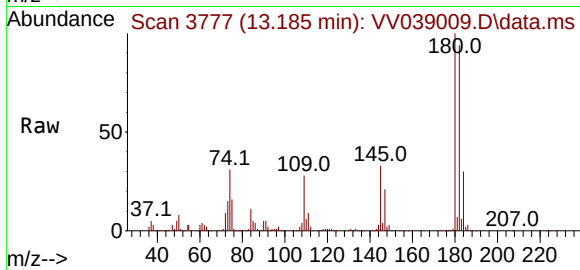
Tgt Ion:180 Resp: 612379

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 33.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 43.866 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039009.D

Acq: 22 Aug 2025 09:03

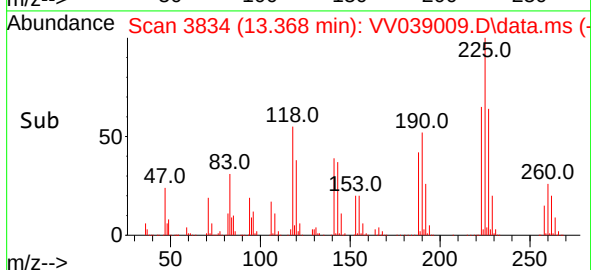
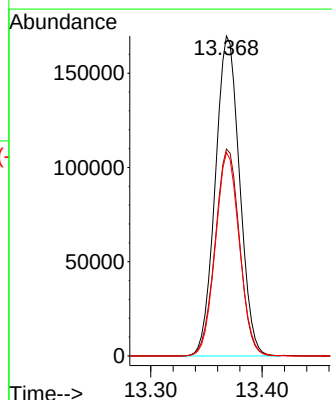
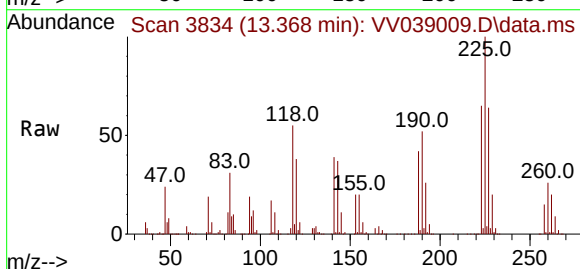
Tgt Ion:225 Resp: 257257

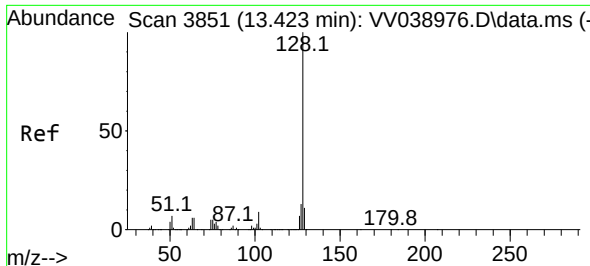
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.7

227 62.9 30.8 92.3

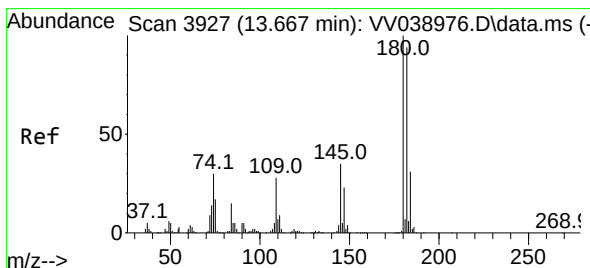
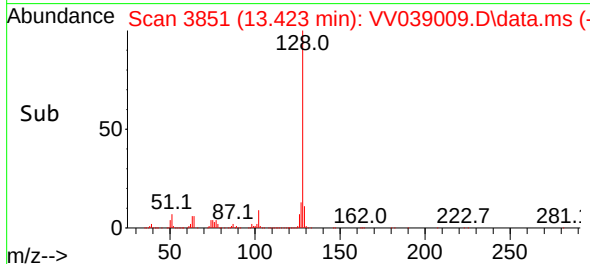
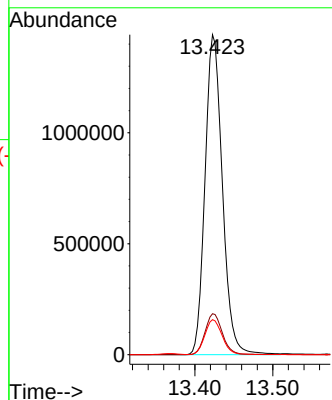
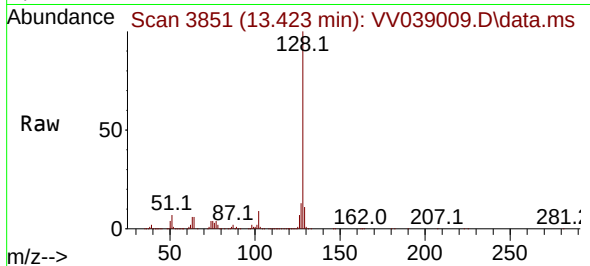




#95
Naphthalene
Concen: 62.163 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 2231593
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.437 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039009.D
Acq: 22 Aug 2025 09:03

Tgt Ion:180 Resp: 635892
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 34.4 17.3 52.0

