

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039375.D
 Acq On : 13 Nov 2025 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 05:43:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	863954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1195547	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1135490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	703773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	529614	49.690	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.380%
35) Dibromofluoromethane	4.497	113	470046	51.261	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.520%
50) Toluene-d8	7.233	98	1529740	50.483	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	9.998	95	625341	53.707	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	107.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	204728	39.695	ug/l	98
3) Chloromethane	1.230	50	200090	41.576	ug/l	99
4) Vinyl Chloride	1.298	62	257961	43.439	ug/l	98
5) Bromomethane	1.494	94	159655	45.156	ug/l	100
6) Chloroethane	1.558	64	189925	43.318	ug/l	96
7) Trichlorofluoromethane	1.725	101	521170	43.095	ug/l	100
8) Diethyl Ether	1.915	74	212162	46.002	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	338922	42.624	ug/l	99
10) Methyl Iodide	2.195	142	290571	59.339	ug/l	98
11) Tert butyl alcohol	2.561	59	400302	350.583	ug/l	100
12) 1,1-Dichloroethene	2.079	96	269998	42.931	ug/l	96
13) Acrolein	2.008	56	27871	359.197	ug/l	98
14) Allyl chloride	2.355	41	550556	49.130	ug/l	98
15) Acrylonitrile	2.671	53	1192055	268.981	ug/l	99
16) Acetone	2.114	43	1320603	298.253	ug/l	99
17) Carbon Disulfide	2.249	76	376887	46.566	ug/l	100
18) Methyl Acetate	2.375	43	934525	61.902	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1286033	54.384	ug/l	98
20) Methylene Chloride	2.455	84	363307	52.027	ug/l	99
21) trans-1,2-Dichloroethene	2.700	96	286234	45.887	ug/l	98
22) Diisopropyl ether	3.208	45	1325991	54.463	ug/l	93
23) Vinyl Acetate	3.185	43	4554499	264.854	ug/l	100
24) 1,1-Dichloroethane	3.114	63	685148	46.280	ug/l	99
25) 2-Butanone	3.854	43	1647070	279.924	ug/l	98
26) 2,2-Dichloropropane	3.806	77	627847	50.423	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	412350	48.676	ug/l	99
28) Bromochloromethane	4.143	49	335884	51.877	ug/l	99
29) Tetrahydrofuran	4.224	42	949181	288.182	ug/l	99
30) Chloroform	4.275	83	769821	47.080	ug/l	100
31) Cyclohexane	4.580	56	398100	42.962	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	652044	47.684	ug/l	99
36) 1,1-Dichloropropene	4.741	75	381833	48.345	ug/l	98
37) Ethyl Acetate	3.966	43	521671	42.996	ug/l	96
38) Carbon Tetrachloride	4.732	117	552047	47.055	ug/l	99
39) Methylcyclohexane	6.043	83	407150	48.420	ug/l	99
40) Benzene	5.005	78	1345479	48.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	282611	65.225	ug/l	96
42) 1,2-Dichloroethane	5.037	62	532110	49.437	ug/l	99
43) Isopropyl Acetate	5.185	43	890774	55.110	ug/l	99
44) Trichloroethene	5.828	130	358542	47.841	ug/l	98
45) 1,2-Dichloropropane	6.085	63	402780	53.897	ug/l	98
46) Dibromomethane	6.220	93	286482	47.673	ug/l	99
47) Bromodichloromethane	6.423	83	637820	49.008	ug/l	100
48) Methyl methacrylate	6.291	41	433888	57.637	ug/l	99
49) 1,4-Dioxane	6.281	88	137649	1187.161	ug/l	99
51) 4-Methyl-2-Pentanone	7.143	43	3296851	298.384	ug/l	100
52) Toluene	7.304	92	877173	50.681	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	607414	54.245	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	641771	53.984	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	441959	50.435	ug/l	98
56) Ethyl methacrylate	7.712	69	609778	57.633	ug/l	99
57) 1,3-Dichloropropane	7.931	76	681215	50.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.805	63	1607034	534.113	ug/l	100
59) 2-Hexanone	8.059	43	2480695	314.145	ug/l	100
60) Dibromochloromethane	8.166	129	550398	49.017	ug/l	100
61) 1,2-Dibromoethane	8.272	107	426896	49.979	ug/l	99
64) Tetrachloroethene	7.895	164	325749	46.419	ug/l	98
65) Chlorobenzene	8.802	112	1100572	48.688	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	464178	49.215	ug/l	99
67) Ethyl Benzene	8.934	91	1726178	52.796	ug/l	99
68) m/p-Xylenes	9.059	106	1375297	111.385	ug/l	98
69) o-Xylene	9.465	106	656690	56.214	ug/l	100
70) Styrene	9.484	104	1215615	58.209	ug/l	100
71) Bromoform	9.651	173	450537	51.458	ug/l #	99
73) Isopropylbenzene	9.854	105	1867727	54.349	ug/l	100
74) N-amyl acetate	9.722	43	779026	57.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	725509	48.472	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	536260	49.091	ug/l	99
77) Bromobenzene	10.137	156	523149	49.320	ug/l	100
78) n-propylbenzene	10.275	91	2175317	55.256	ug/l	100
79) 2-Chlorotoluene	10.346	91	1341027	53.216	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1573325	55.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	240245	58.955	ug/l	93
82) 4-Chlorotoluene	10.461	91	1567818	55.649	ug/l	99
83) tert-Butylbenzene	10.789	119	1680134	54.401	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1576977	57.619	ug/l	99
85) sec-Butylbenzene	11.011	105	2042050	55.762	ug/l	100
86) p-Isopropyltoluene	11.165	119	1776908	56.231	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1021233	50.197	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1056625	47.634	ug/l	100
89) n-Butylbenzene	11.577	91	1602536	56.870	ug/l	100
90) Hexachloroethane	11.818	117	371974	47.232	ug/l	96
91) 1,2-Dichlorobenzene	11.564	146	990109	49.729	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	154379	50.171	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	724745	57.374	ug/l	98
94) Hexachlorobutadiene	13.368	225	337326	50.064	ug/l	99
95) Naphthalene	13.423	128	2119192	62.598	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	727735	55.842	ug/l	100

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VSTDCCC050

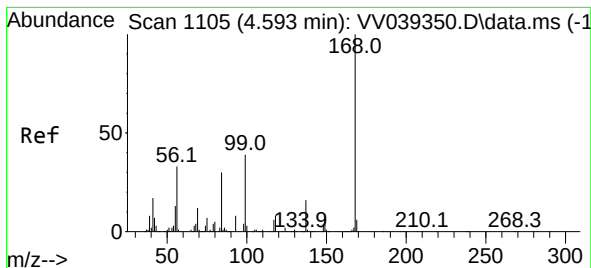
Quant Time: Nov 14 05:43:14 2025
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QLast Update : Fri Nov 14 05:42:56 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039375.D

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Instrument :

MSVOA_V

ClientSampleId :

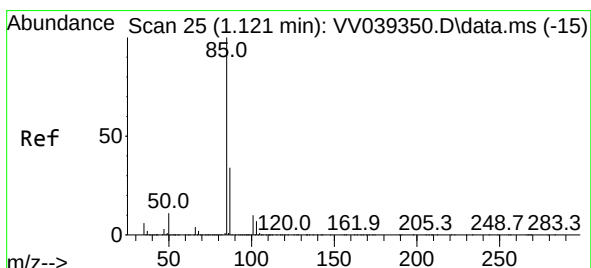
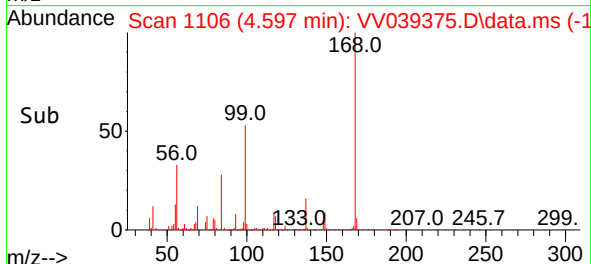
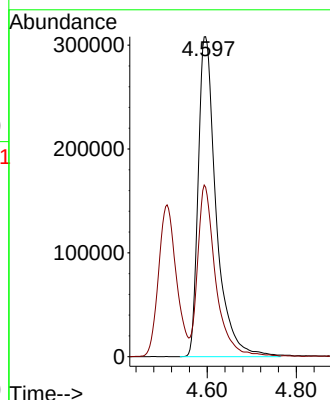
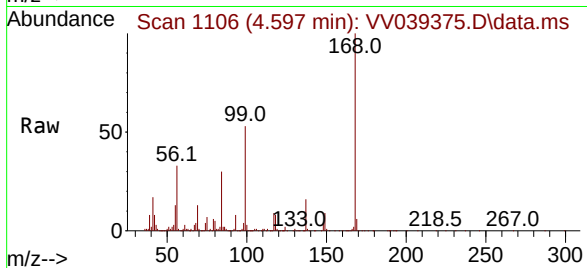
VSTDCCC050

Tgt Ion:168 Resp: 863954

Ion Ratio Lower Upper

168 100

99 52.7 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 39.695 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039375.D

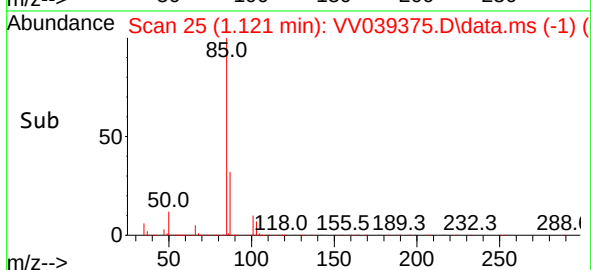
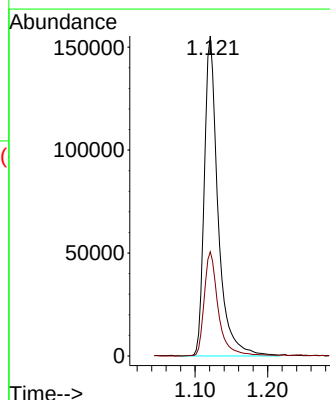
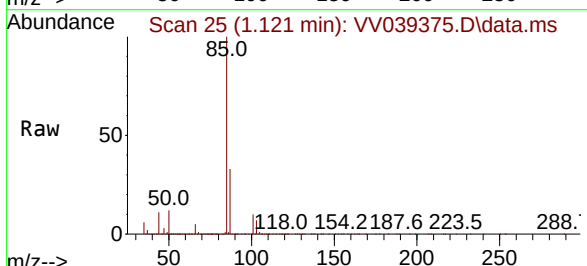
Acq: 13 Nov 2025 11:21

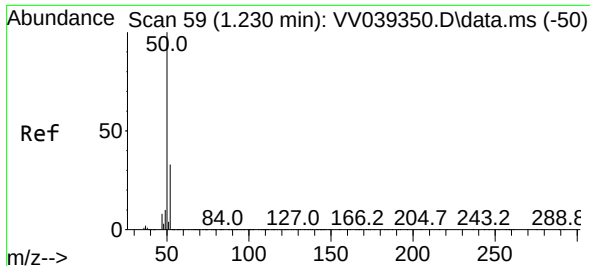
Tgt Ion: 85 Resp: 204728

Ion Ratio Lower Upper

85 100

87 32.5 16.9 50.7

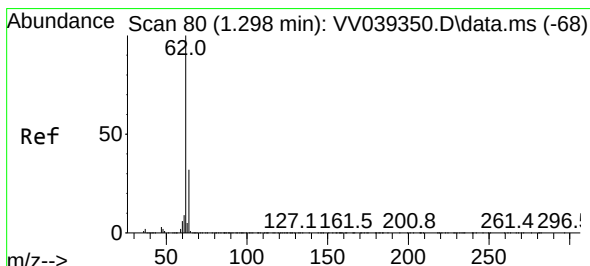
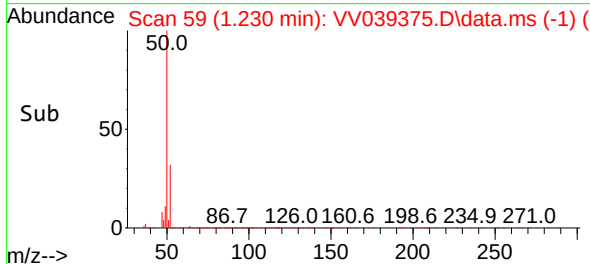
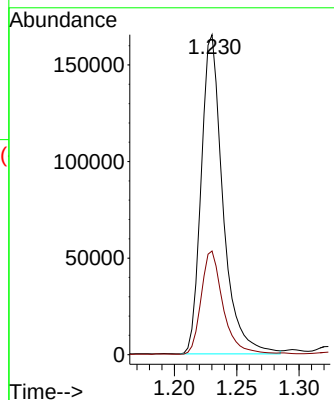
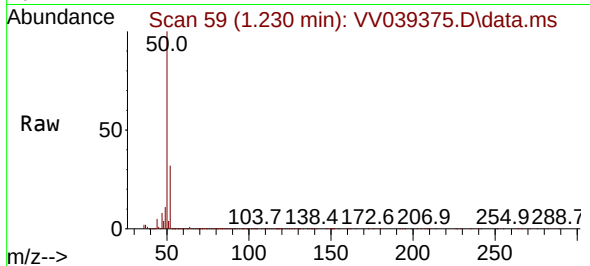




#3
Chloromethane
Concen: 41.576 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039375.D
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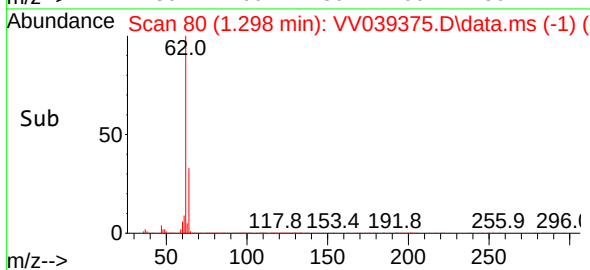
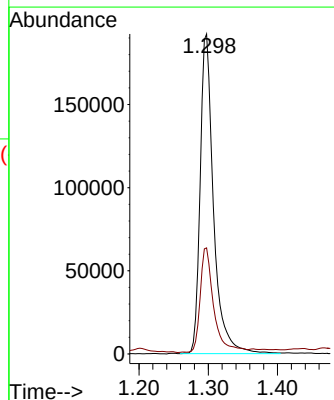
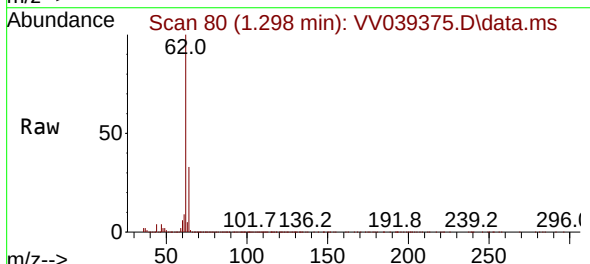
Instrument :
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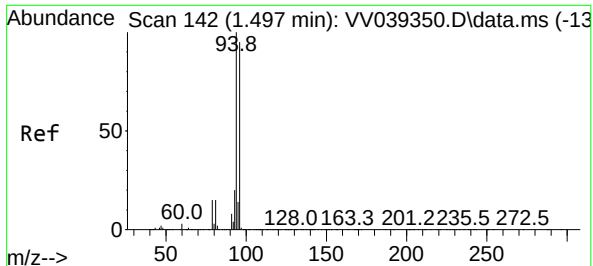
Tgt Ion: 50 Resp: 200090
Ion Ratio Lower Upper
50 100
52 32.4 26.6 39.8



#4
Vinyl Chloride
Concen: 43.439 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 62 Resp: 257961
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9

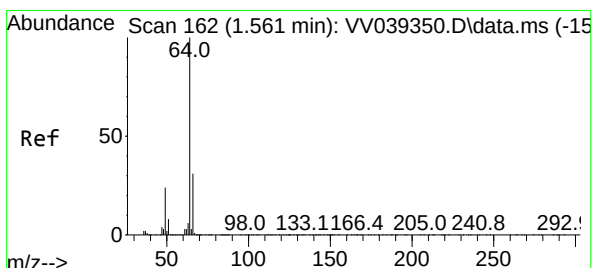
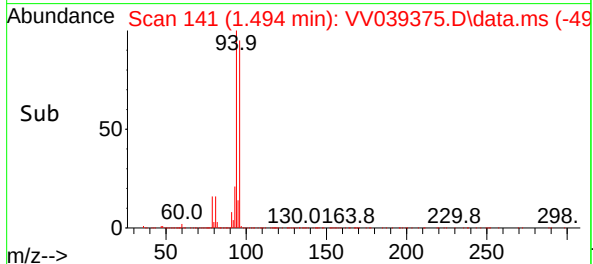
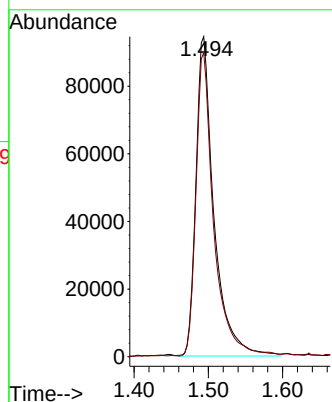
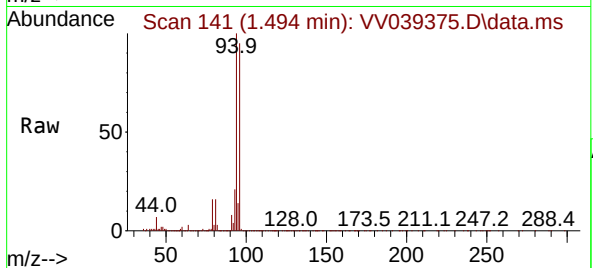




#5
Bromomethane
Concen: 45.156 ug/l
RT: 1.494 min Scan# 142
Delta R.T. -0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

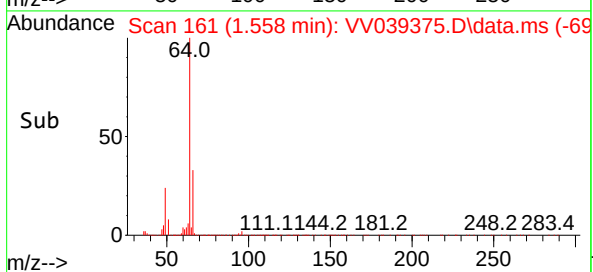
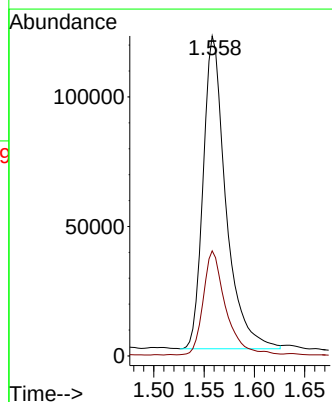
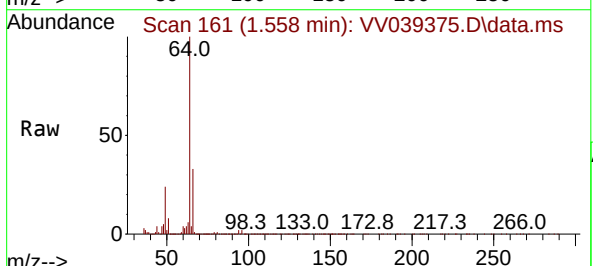
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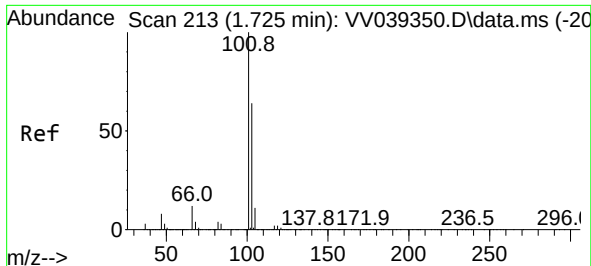
Tgt Ion: 94 Resp: 159655
Ion Ratio Lower Upper
94 100
96 94.8 75.6 113.4



#6
Chloroethane
Concen: 43.318 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 64 Resp: 189925
Ion Ratio Lower Upper
64 100
66 33.2 24.7 37.1

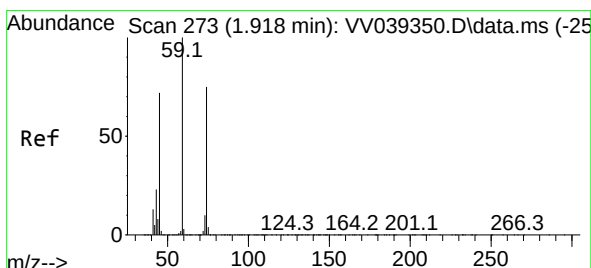
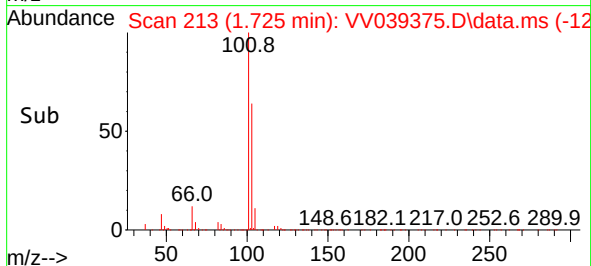
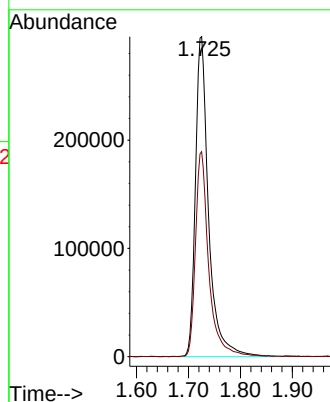
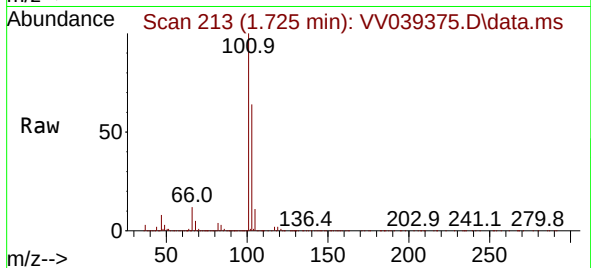




#7
 Trichlorofluoromethane
 Concen: 43.095 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

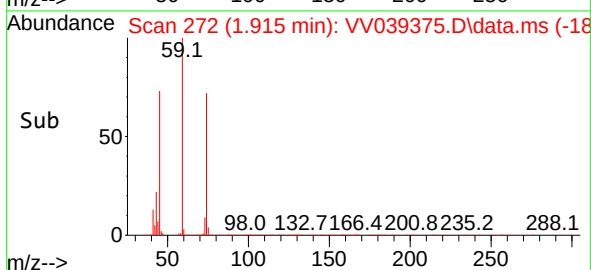
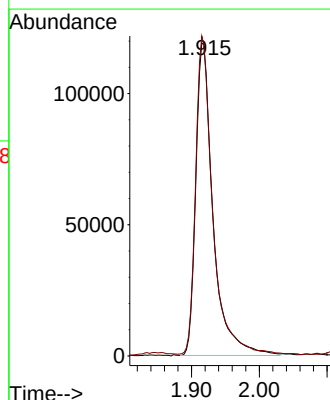
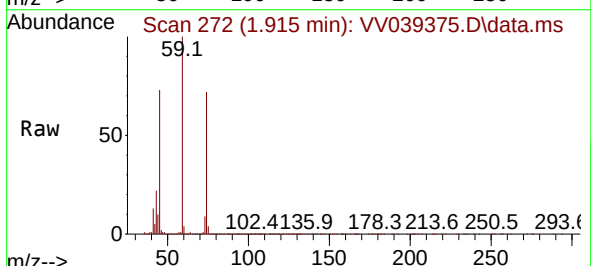
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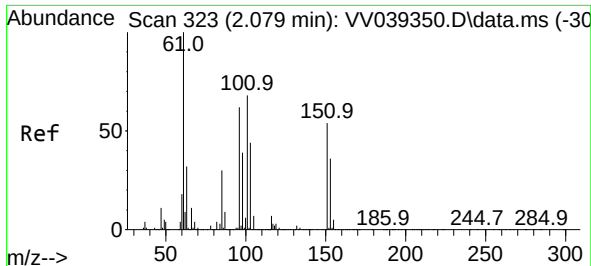
Tgt Ion:101 Resp: 521170
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 46.002 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV039375.D
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Tgt Ion: 74 Resp: 212162
 Ion Ratio Lower Upper
 74 100
 45 99.8 50.6 151.8

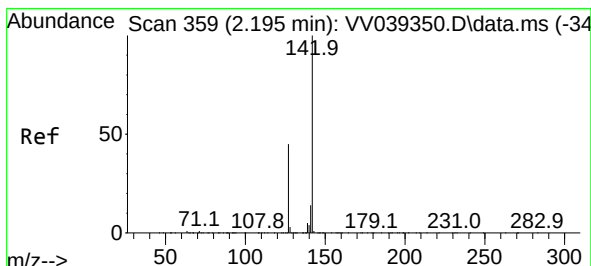
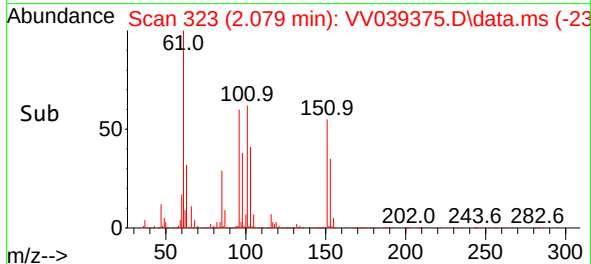
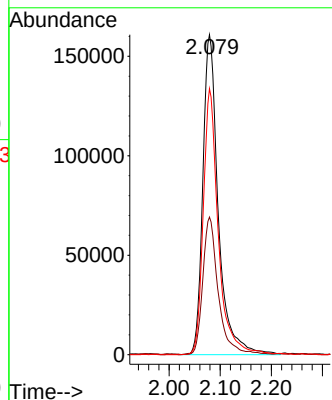
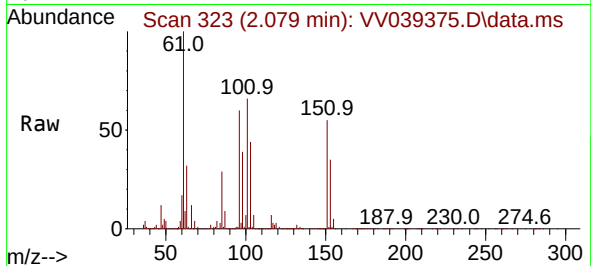




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.624 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
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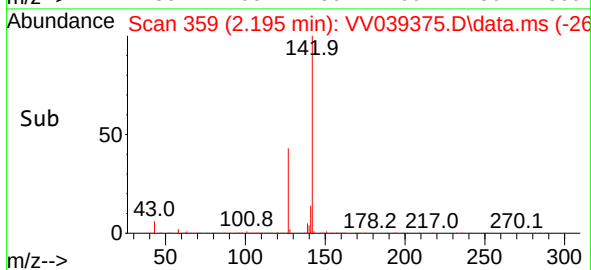
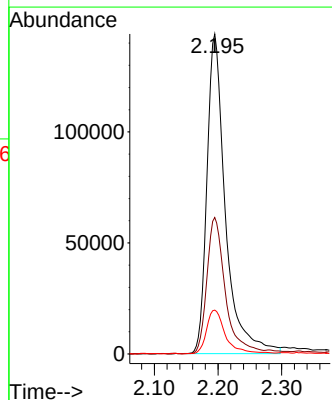
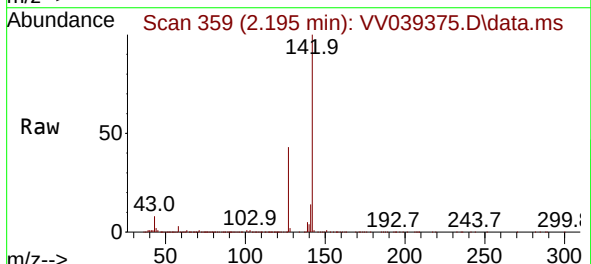
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

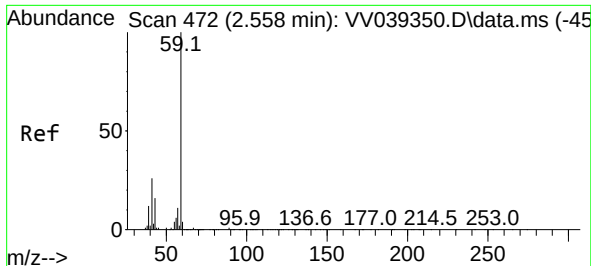
Tgt Ion:101 Resp: 338922
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 80.9 63.6 95.4



#10
Methyl Iodide
Concen: 59.339 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:142 Resp: 290571
Ion Ratio Lower Upper
142 100
127 42.3 35.1 52.7
141 14.3 11.9 17.9

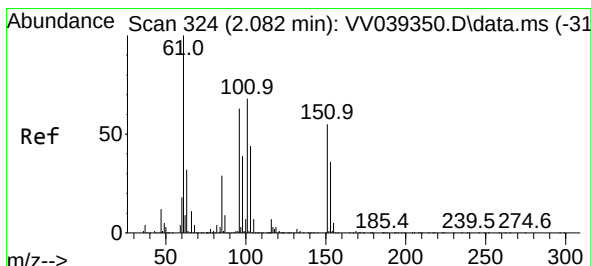
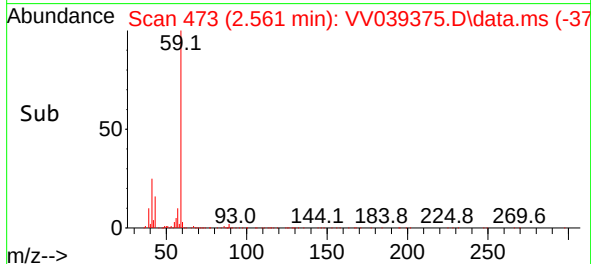
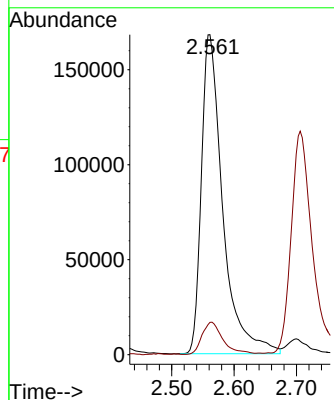
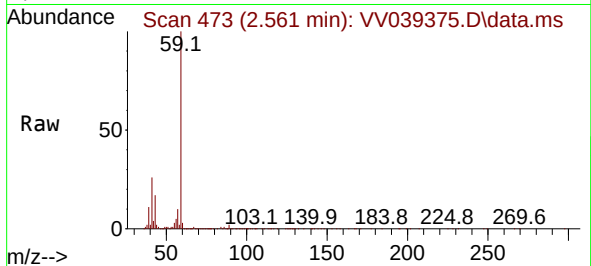




#11
Tert butyl alcohol
Concen: 350.583 ug/l
RT: 2.561 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

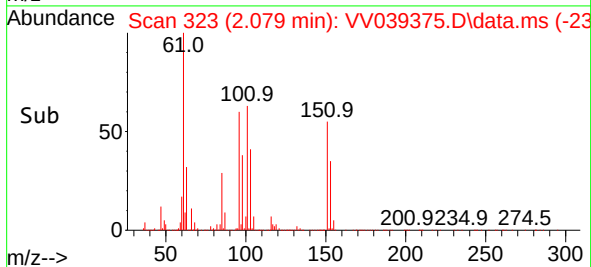
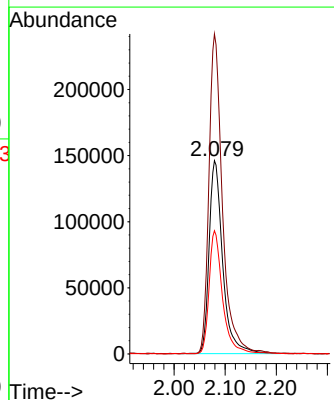
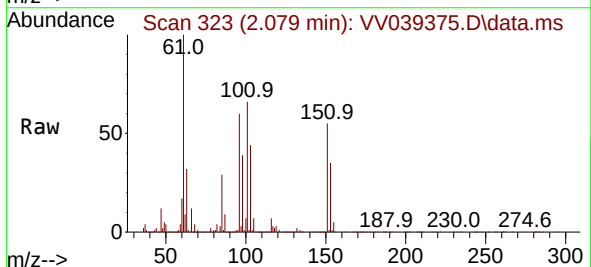
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

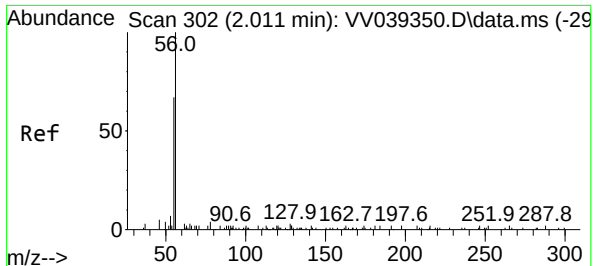
Tgt Ion: 59 Resp: 400302
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0



#12
1,1-Dichloroethene
Concen: 42.931 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 96 Resp: 269998
Ion Ratio Lower Upper
96 100
61 165.7 127.8 191.6
98 63.7 50.2 75.2

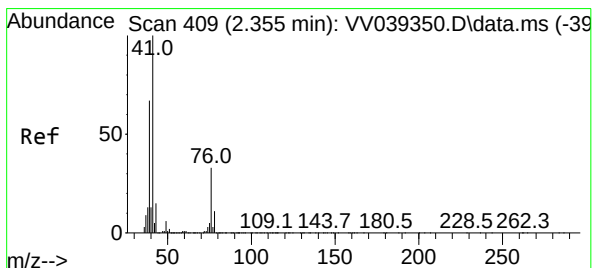
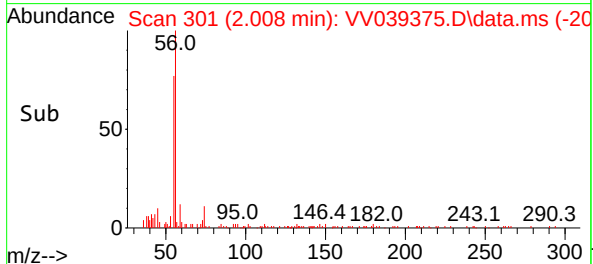
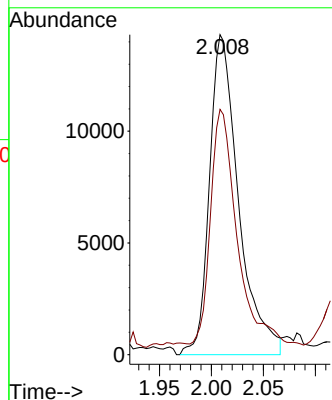
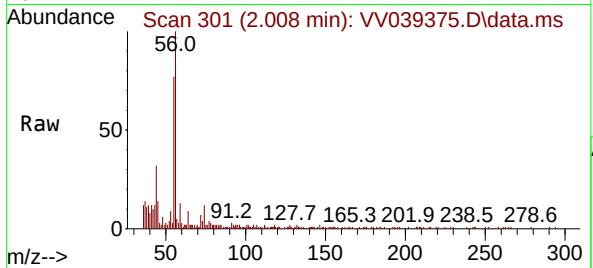




#13
Acrolein
Concen: 359.197 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

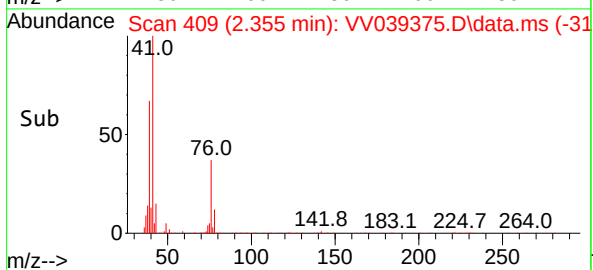
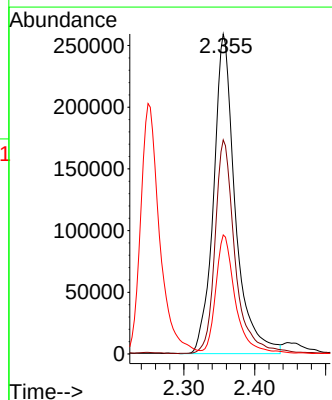
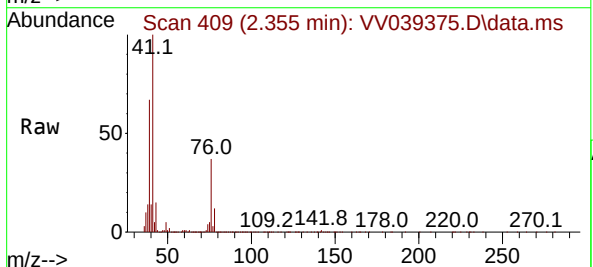
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

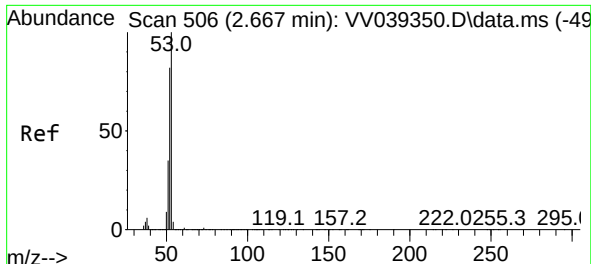
Tgt Ion: 56 Resp: 27871
Ion Ratio Lower Upper
56 100
55 67.0 55.2 82.8



#14
Allyl chloride
Concen: 49.130 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 41 Resp: 550556
Ion Ratio Lower Upper
41 100
39 61.7 50.7 76.1
76 33.1 27.0 40.6

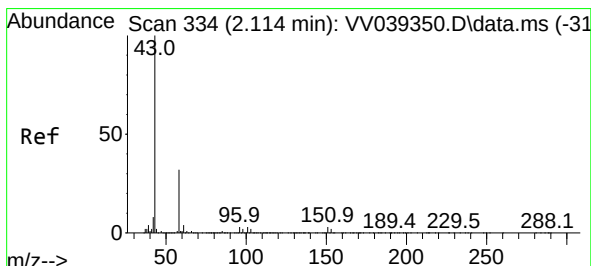
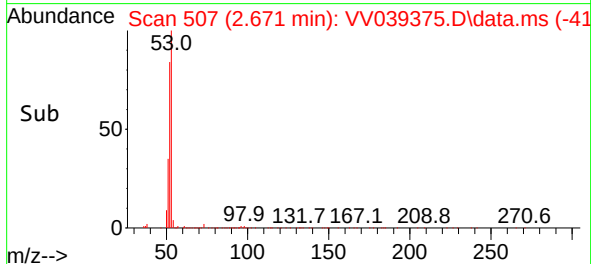
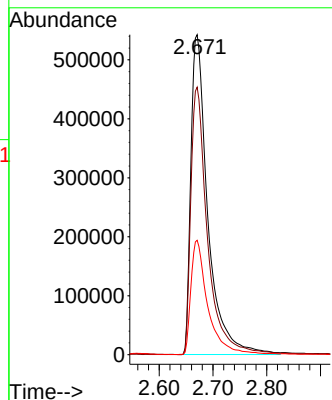
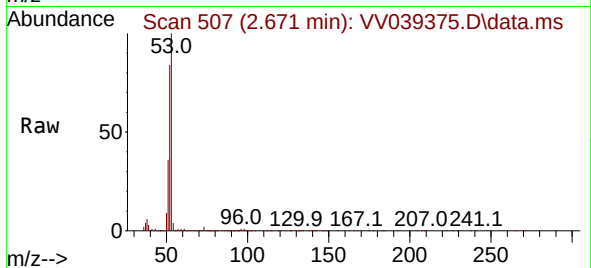




#15
Acrylonitrile
Concen: 268.981 ug/l
RT: 2.671 min Scan# 506
Delta R.T. 0.004 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

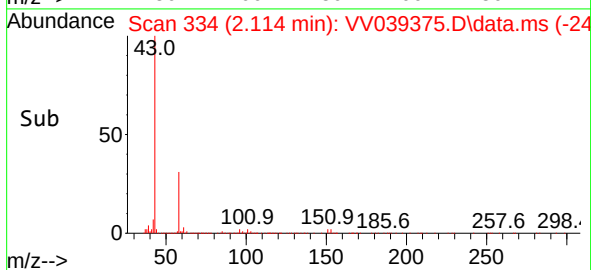
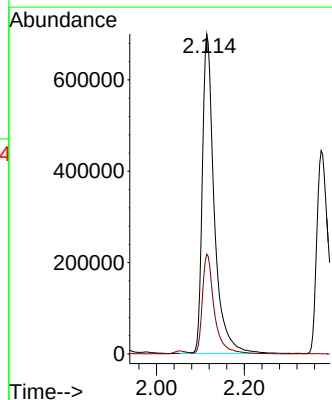
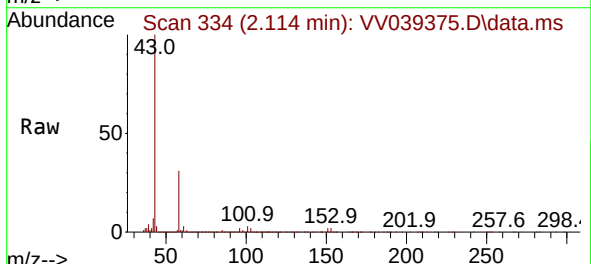
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

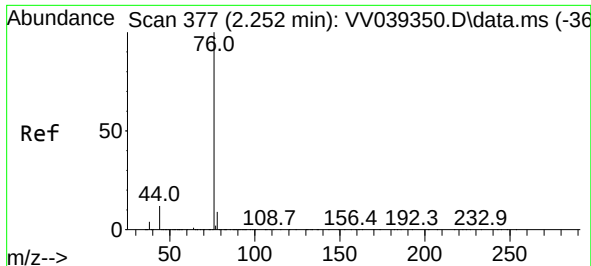
Tgt Ion: 53 Resp: 1192055
Ion Ratio Lower Upper
53 100
52 82.5 65.2 97.8
51 35.4 28.4 42.6



#16
Acetone
Concen: 298.253 ug/l
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 43 Resp: 1320603
Ion Ratio Lower Upper
43 100
58 31.1 25.5 38.3

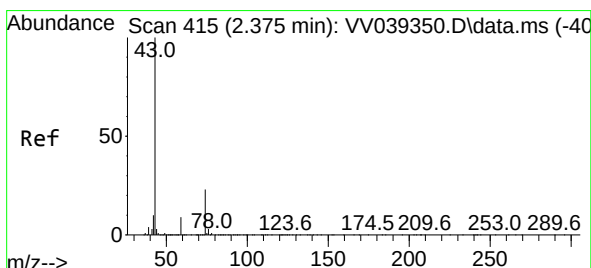
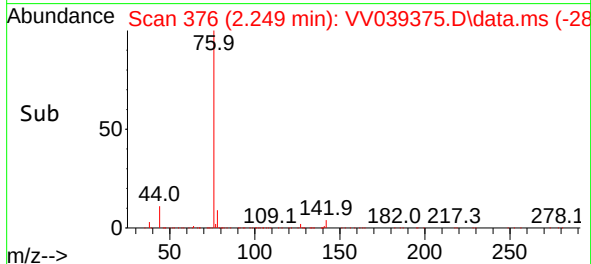
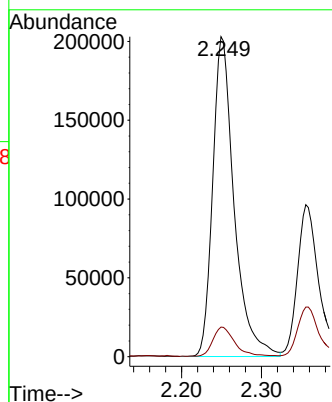
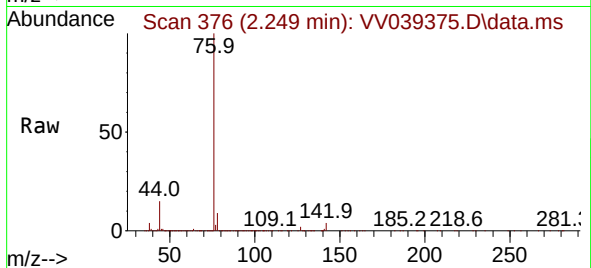




#17
Carbon Disulfide
Concen: 46.566 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

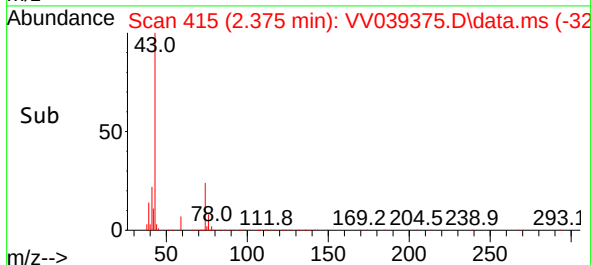
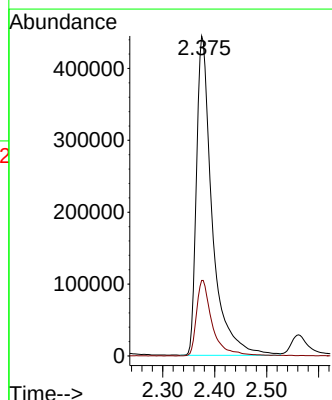
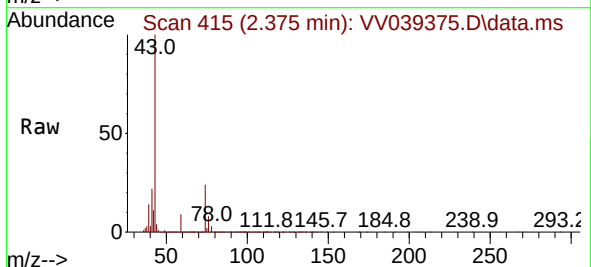
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

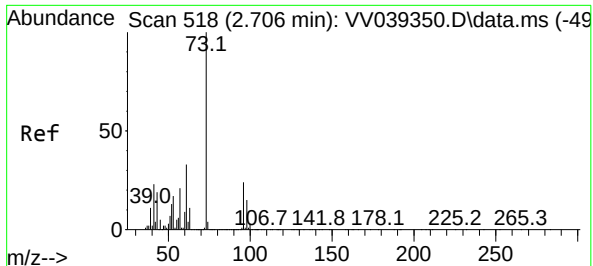
Tgt Ion: 76 Resp: 376887
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 61.902 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 43 Resp: 934525
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3

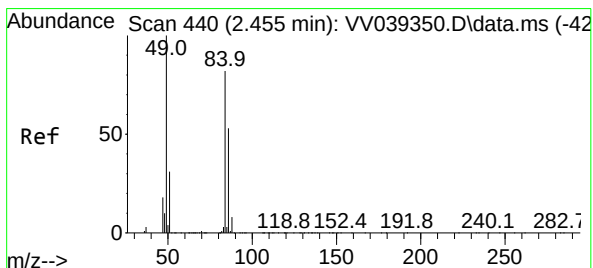
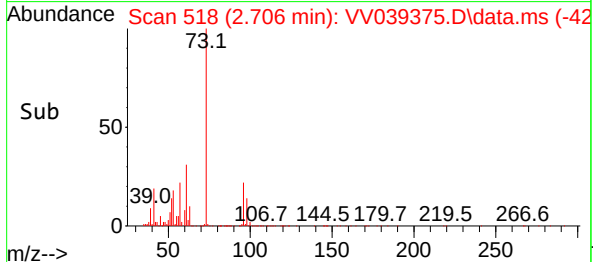
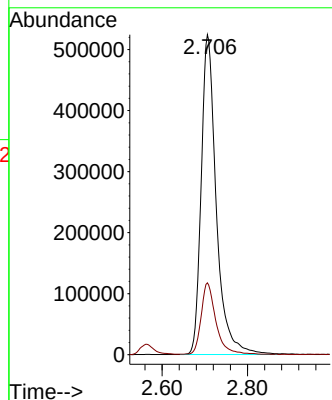
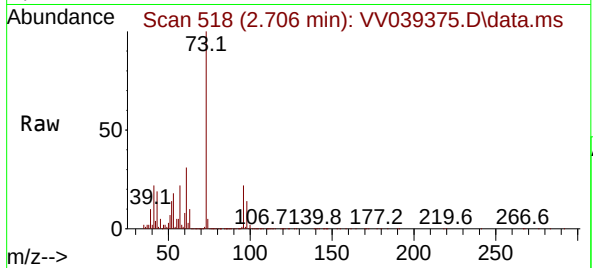




#19
Methyl tert-butyl Ether
Concen: 54.384 ug/l
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

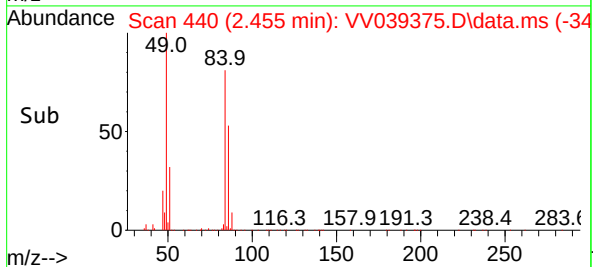
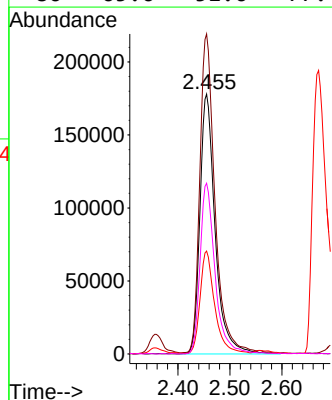
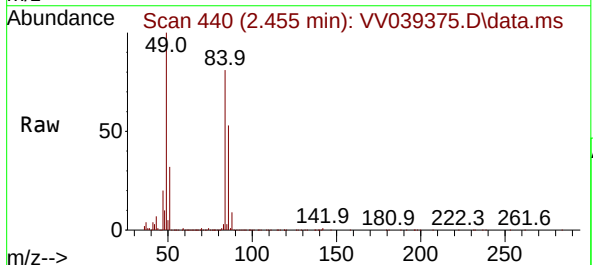
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

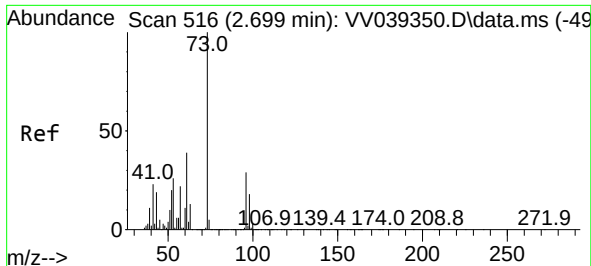
Tgt Ion: 73 Resp: 1286033
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6



#20
Methylene Chloride
Concen: 52.027 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 84 Resp: 363307
Ion Ratio Lower Upper
84 100
49 122.8 97.8 146.8
51 39.3 30.2 45.4
86 65.6 51.6 77.4

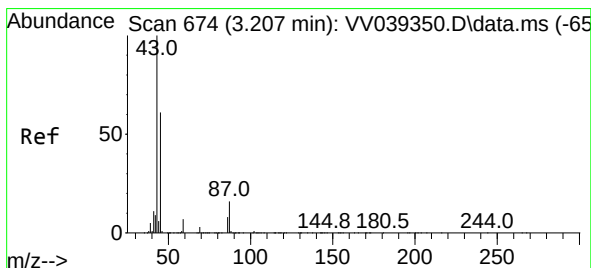
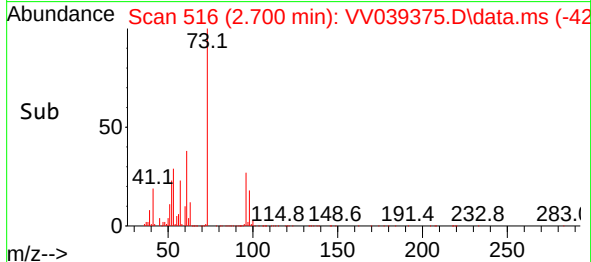
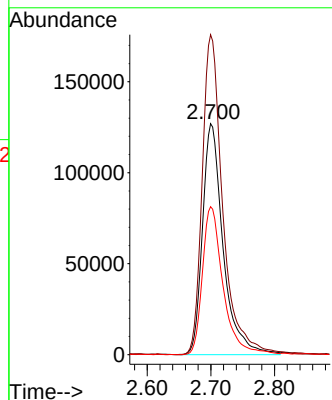
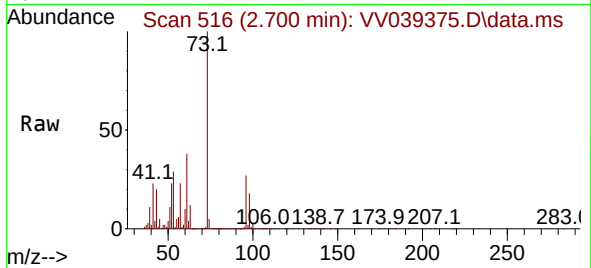




#21
trans-1,2-Dichloroethene
Concen: 45.887 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.001 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

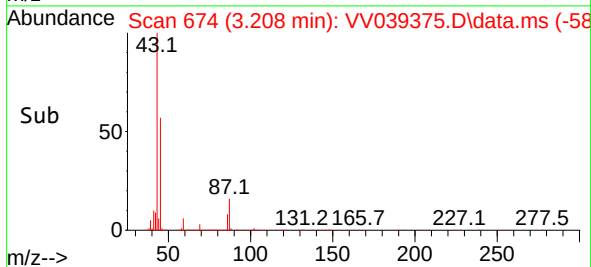
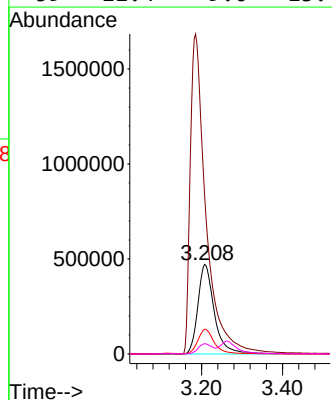
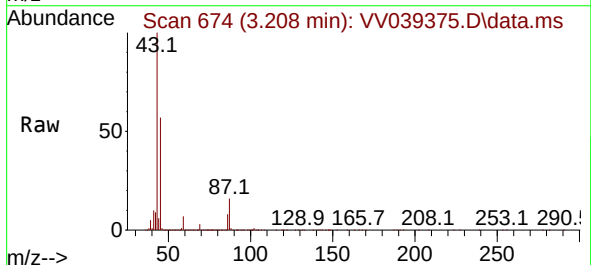
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

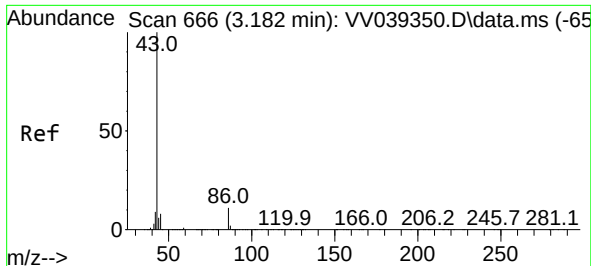
Tgt Ion: 96 Resp: 286234
Ion Ratio Lower Upper
96 100
61 138.4 108.9 163.3
98 64.1 51.7 77.5



#22
Diisopropyl ether
Concen: 54.463 ug/l
RT: 3.208 min Scan# 674
Delta R.T. 0.001 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 45 Resp: 1325991
Ion Ratio Lower Upper
45 100
43 176.3 132.1 198.1
87 27.5 21.8 32.6
59 11.4 9.0 13.4

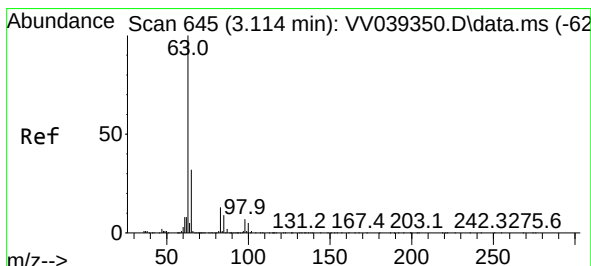
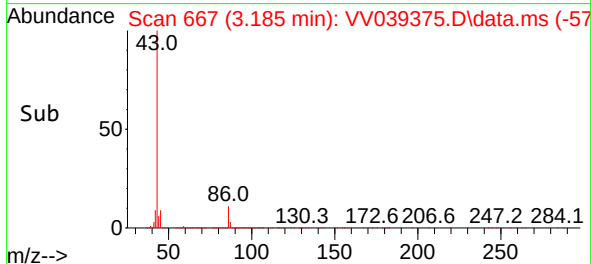
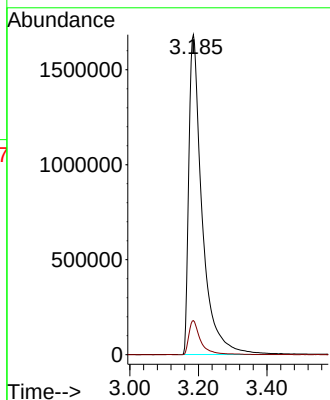
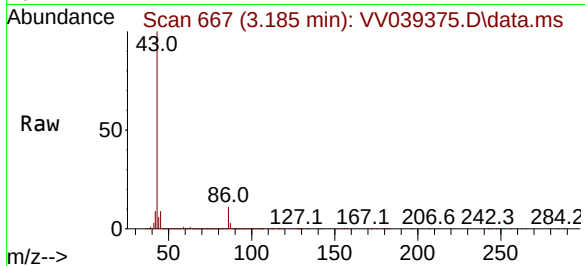




#23
 Vinyl Acetate
 Concen: 264.854 ug/l
 RT: 3.185 min Scan# 666
 Delta R.T. 0.003 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

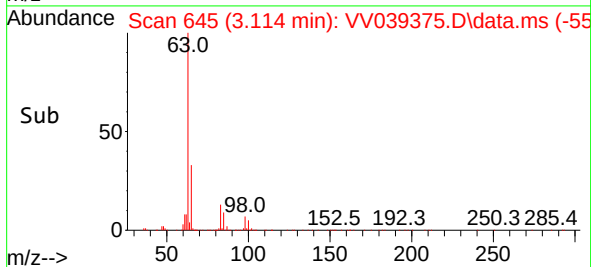
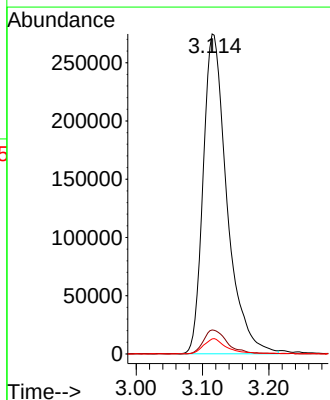
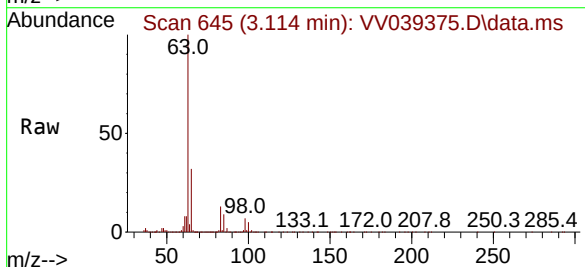
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

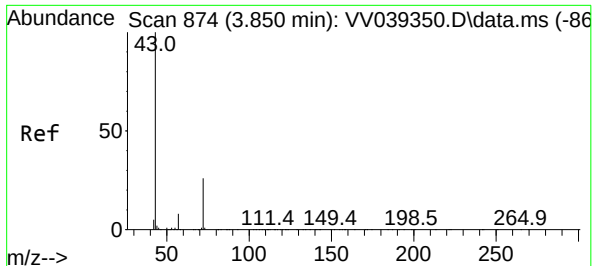
Tgt Ion: 43 Resp: 4554499
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 46.280 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

Tgt Ion: 63 Resp: 685148
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.6 2.3 6.9

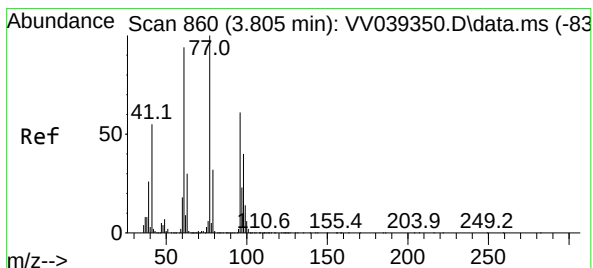
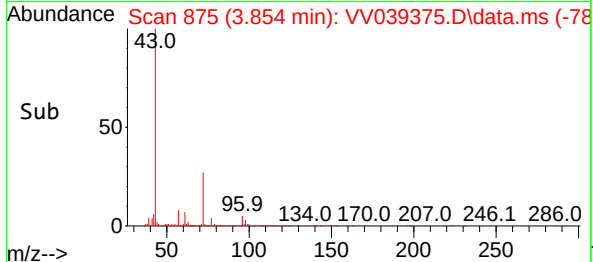
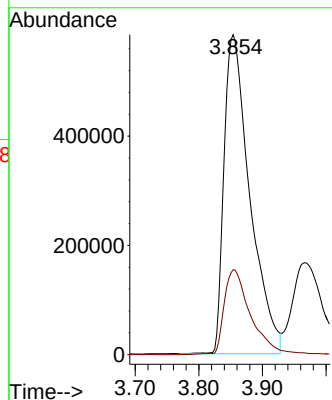
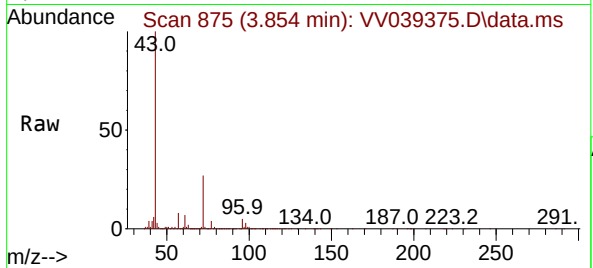




#25
2-Butanone
Concen: 279.924 ug/l
RT: 3.854 min Scan# 81
Delta R.T. 0.004 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

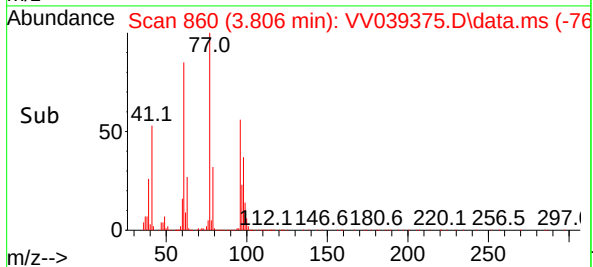
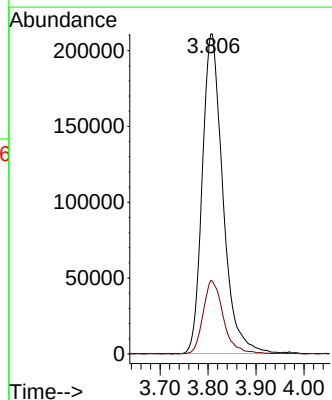
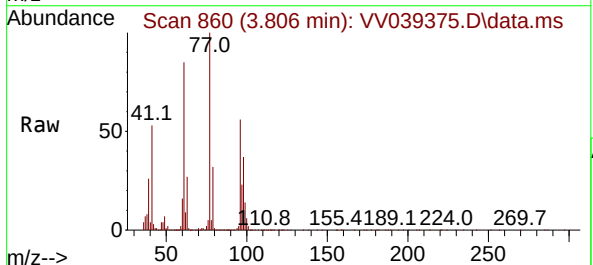
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

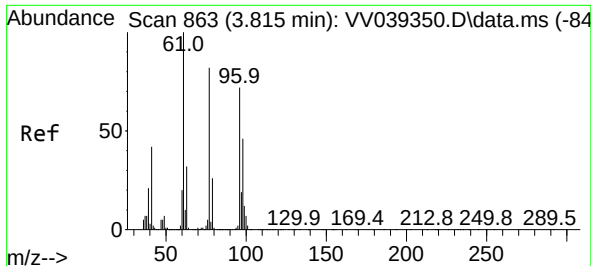
Tgt Ion: 43 Resp: 1647070
Ion Ratio Lower Upper
43 100
72 26.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.423 ug/l
RT: 3.806 min Scan# 860
Delta R.T. 0.001 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 77 Resp: 627847
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8

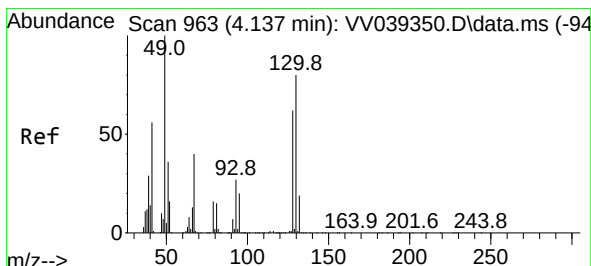
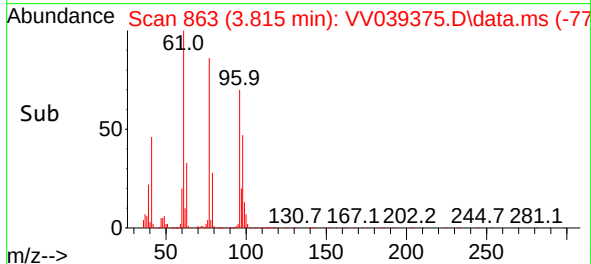
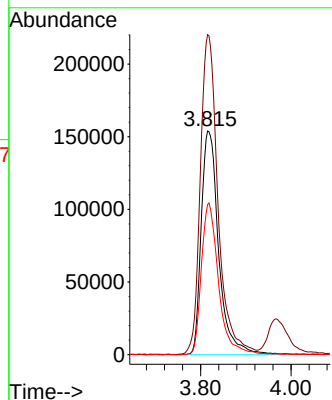
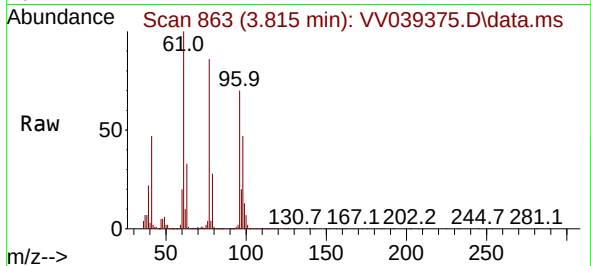




#27
 cis-1,2-Dichloroethene
 Concen: 48.676 ug/l
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

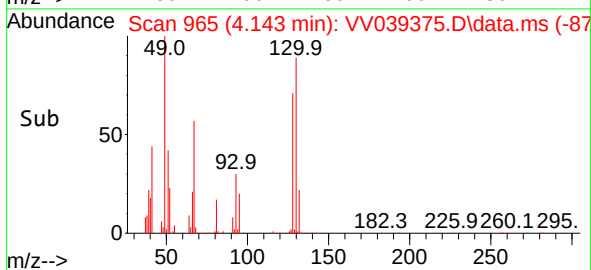
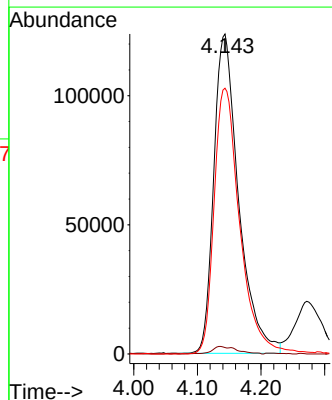
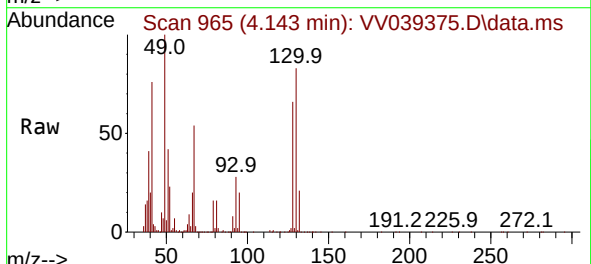
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

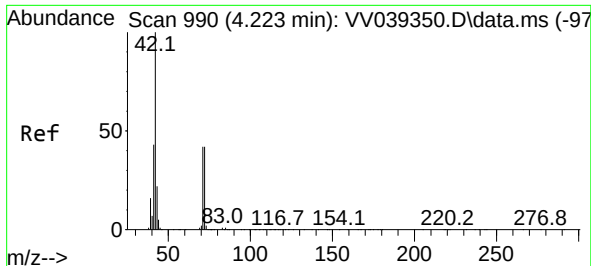
Tgt Ion: 96 Resp: 412350
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 287.8
 98 66.6 0.0 129.6



#28
 Bromochloromethane
 Concen: 51.877 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.006 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

Tgt Ion: 49 Resp: 335884
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.0
 130 86.2 67.9 101.9

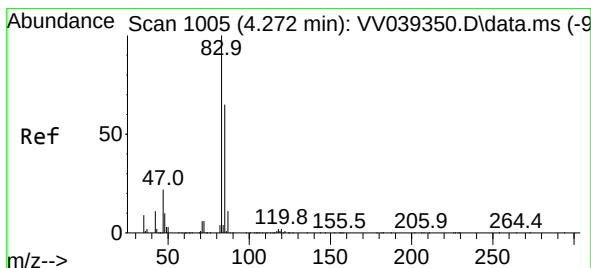
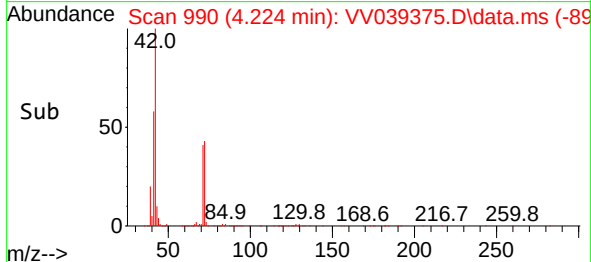
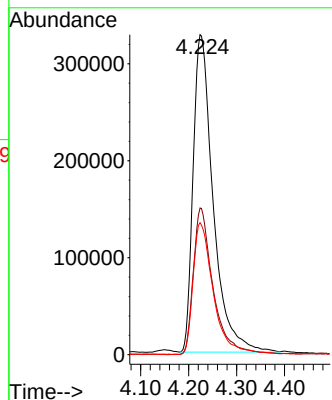
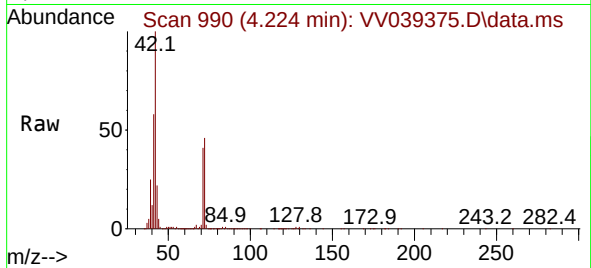




#29
Tetrahydrofuran
Concen: 288.182 ug/l
RT: 4.224 min Scan# 990
Delta R.T. 0.001 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

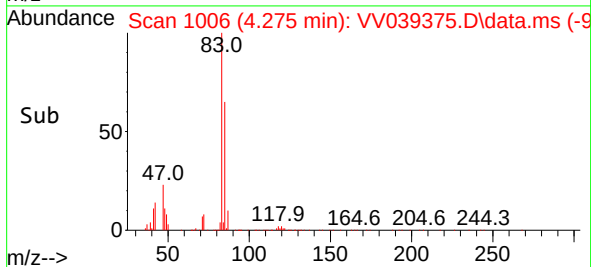
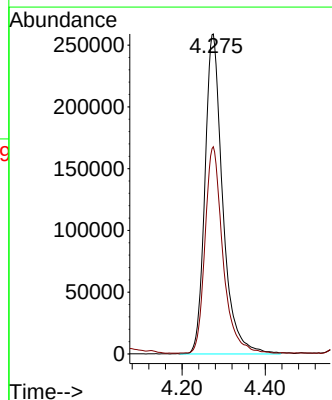
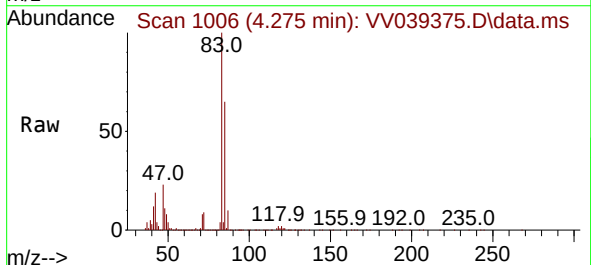
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

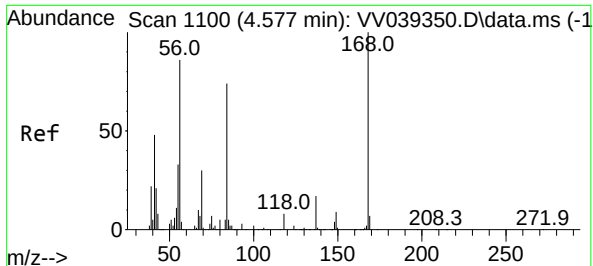
Tgt Ion: 42 Resp: 949181
Ion Ratio Lower Upper
42 100
72 45.5 35.3 52.9
71 42.0 34.0 51.0



#30
Chloroform
Concen: 47.080 ug/l
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 83 Resp: 769821
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8

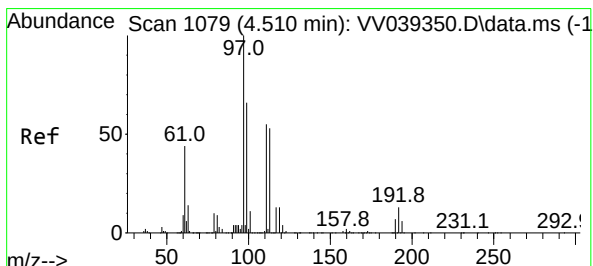
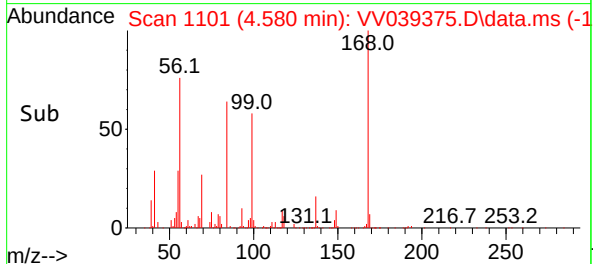
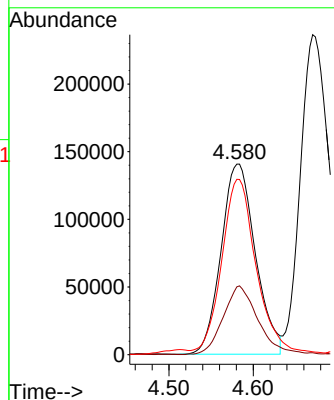
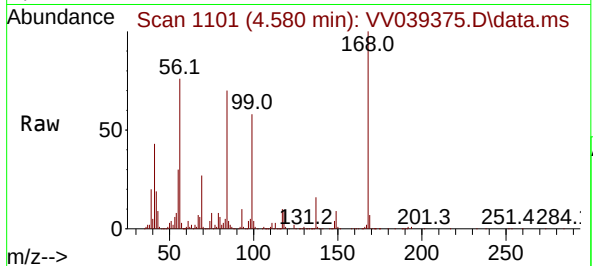




#31
Cyclohexane
Concen: 42.962 ug/l
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

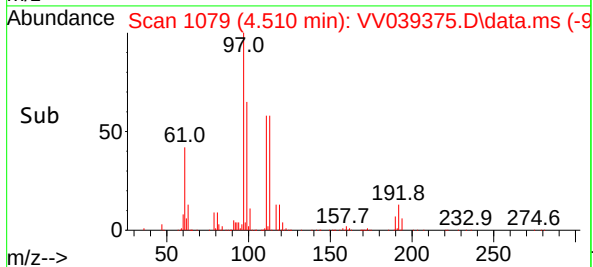
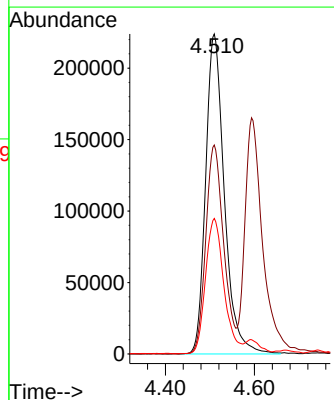
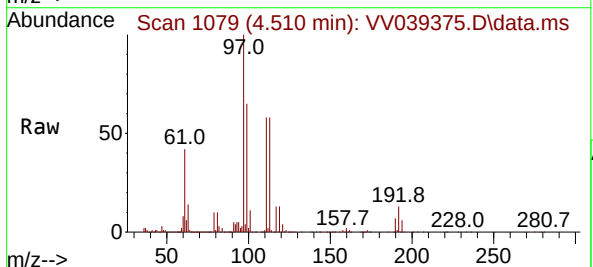
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

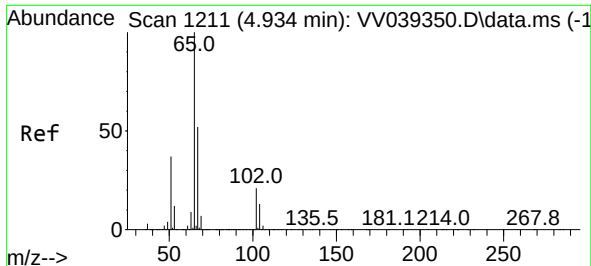
Tgt Ion: 56 Resp: 398100
Ion Ratio Lower Upper
56 100
69 35.5 27.7 41.5
84 89.5 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 47.684 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 97 Resp: 652044
Ion Ratio Lower Upper
97 100
99 62.2 49.9 74.9
61 41.6 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 49.690 ug/l

RT: 4.937 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

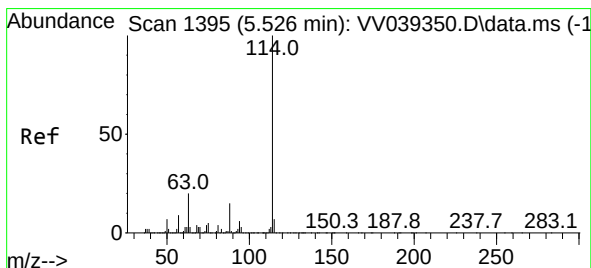
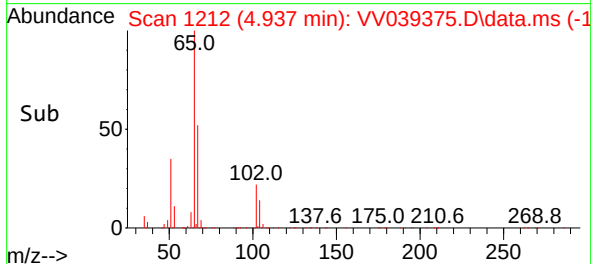
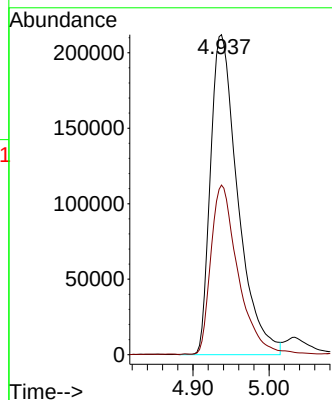
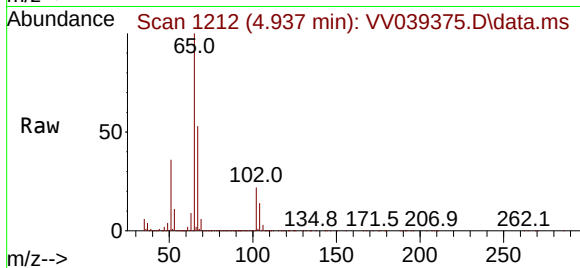
VSTDCCC050

Tgt Ion: 65 Resp: 529614

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

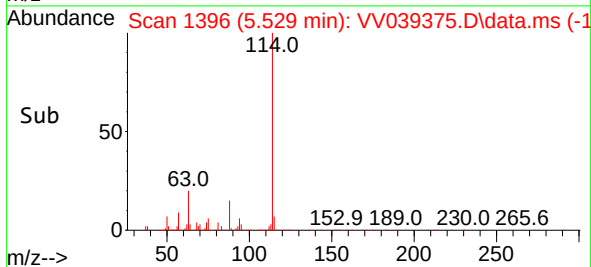
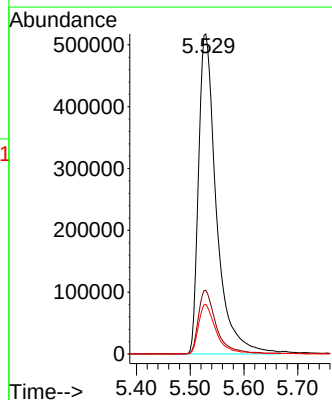
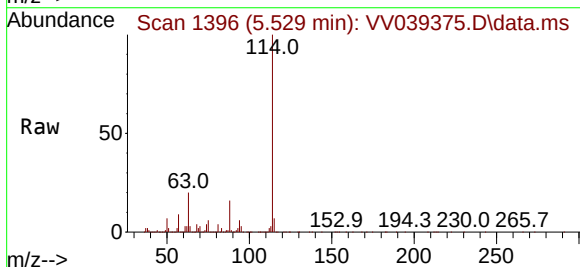
Tgt Ion: 114 Resp: 1195547

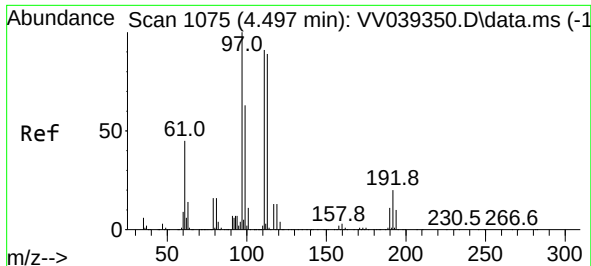
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 30.2

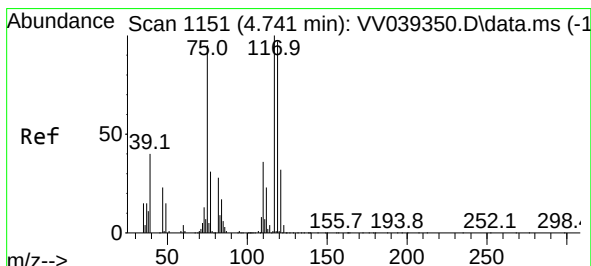
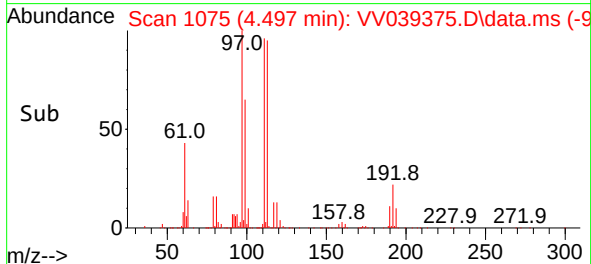
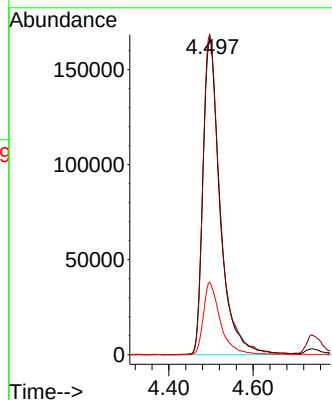
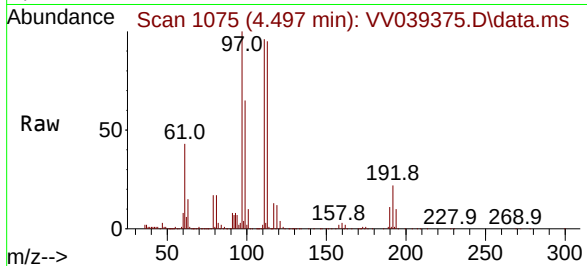




#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

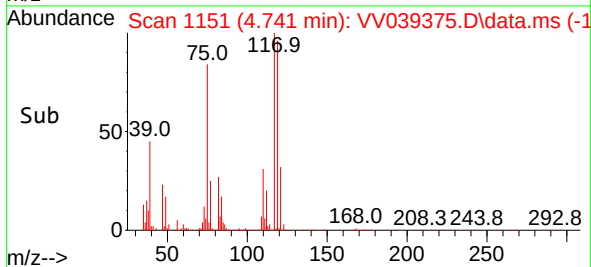
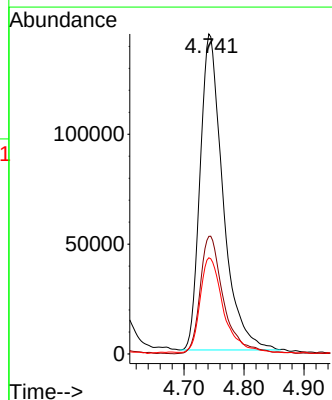
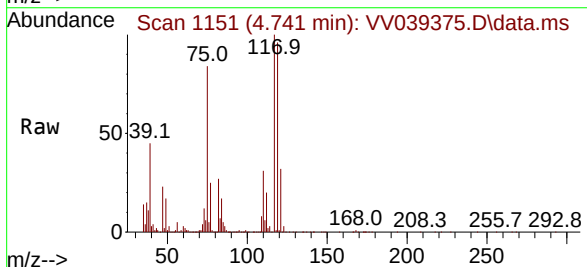
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

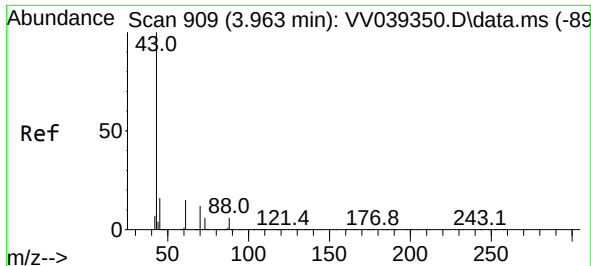
Tgt Ion:113 Resp: 470046
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 22.5 17.8 26.8



#36
1,1-Dichloropropene
Concen: 48.345 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 75 Resp: 381833
Ion Ratio Lower Upper
75 100
110 38.3 18.1 54.4
77 30.7 24.0 36.0

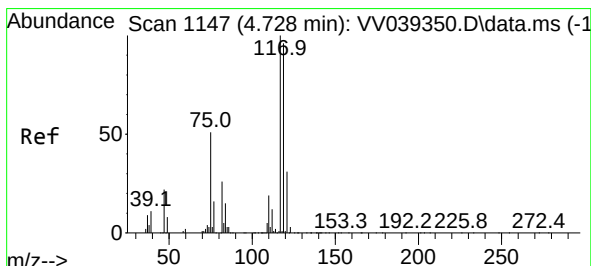
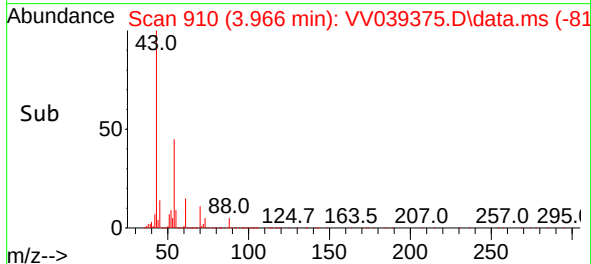
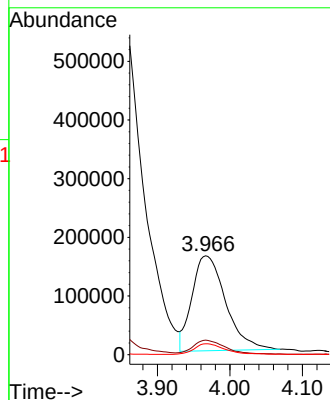
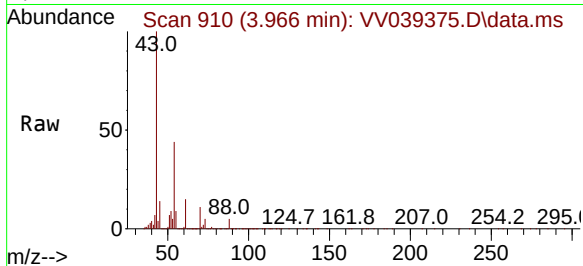




#37
Ethyl Acetate
Concen: 42.996 ug/l
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

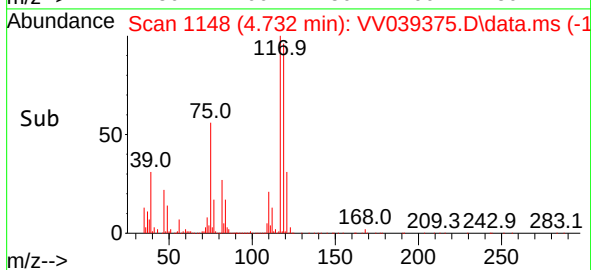
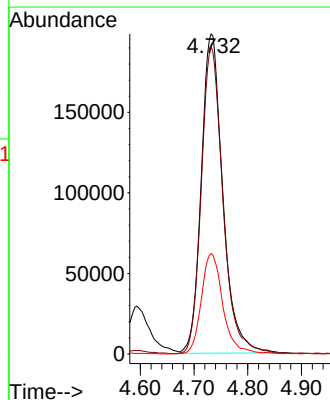
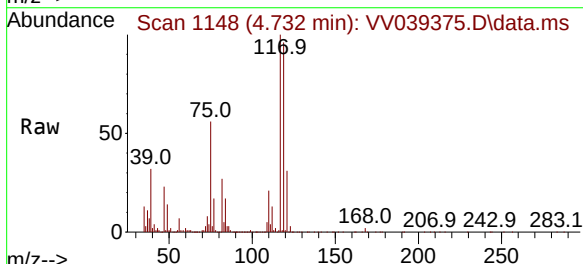
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

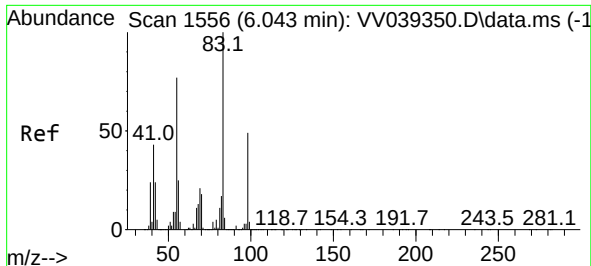
Tgt Ion: 43 Resp: 521671
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 10.2 7.0 10.4



#38
Carbon Tetrachloride
Concen: 47.055 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 117 Resp: 552047
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 31.4 25.0 37.4

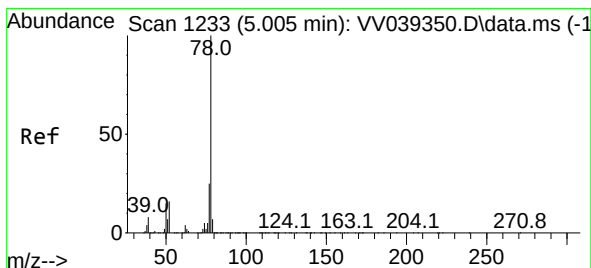
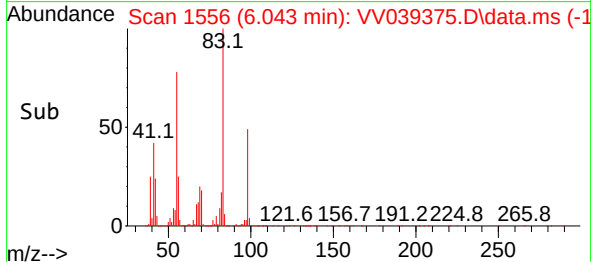
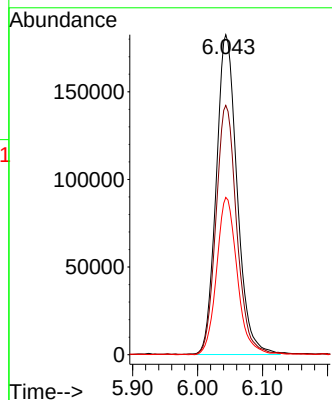
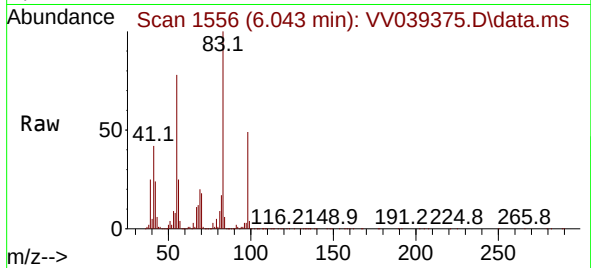




#39
Methylcyclohexane
Concen: 48.420 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

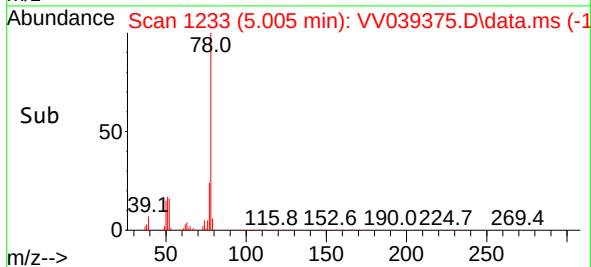
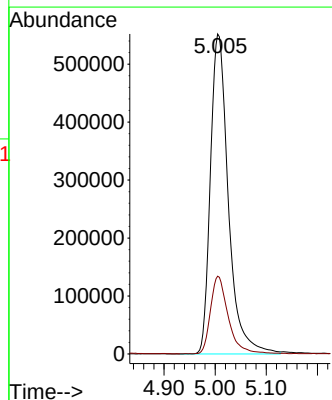
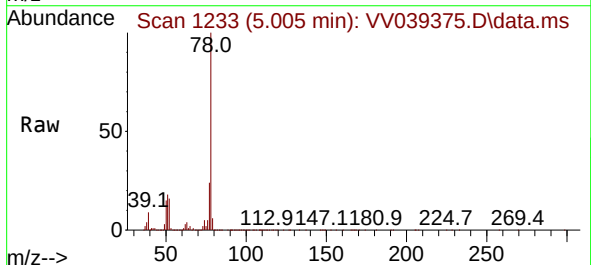
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

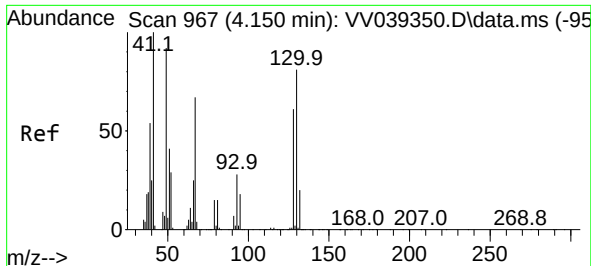
Tgt Ion: 83 Resp: 407150
Ion Ratio Lower Upper
83 100
55 77.8 61.3 91.9
98 49.0 39.0 58.6



#40
Benzene
Concen: 48.715 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 78 Resp: 1345479
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



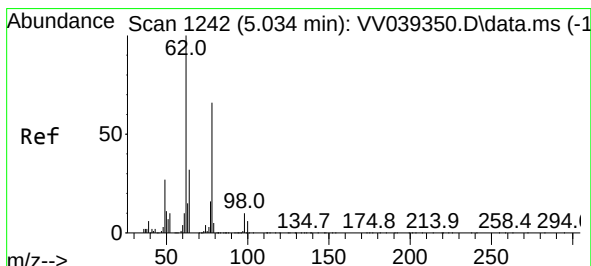
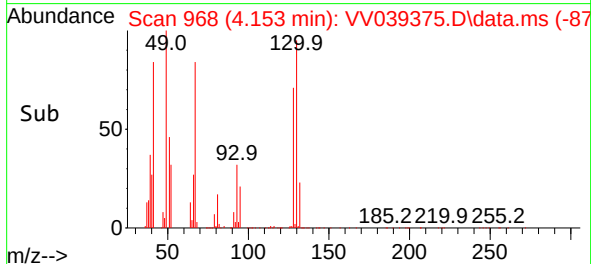
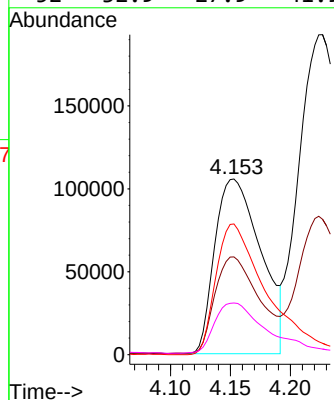
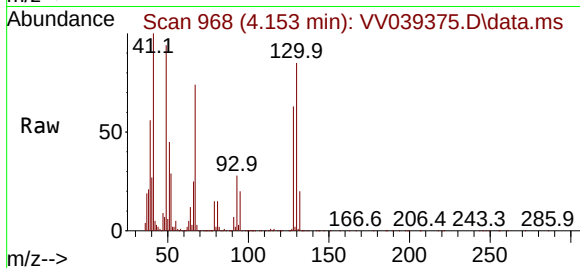


#41
Methacrylonitrile
Concen: 65.225 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 282611

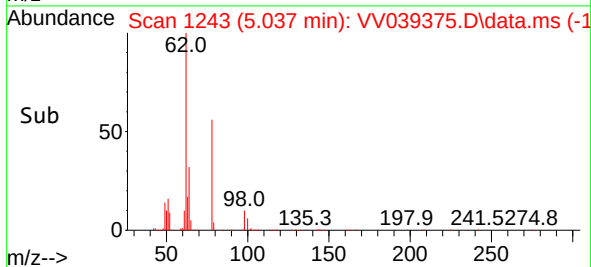
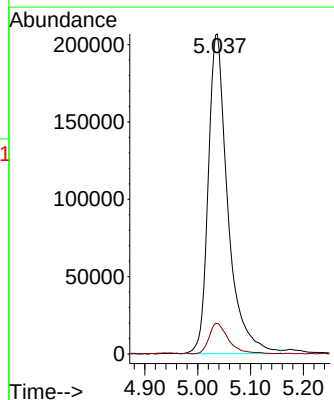
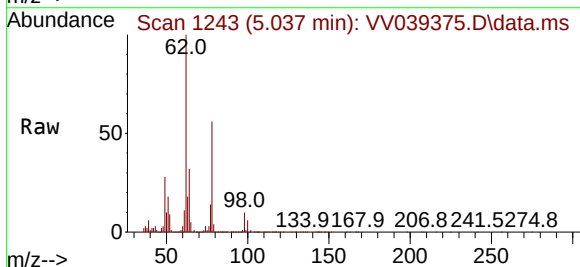
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.3	66.5
67	84.2	71.4	107.2
52	32.9	27.9	41.9

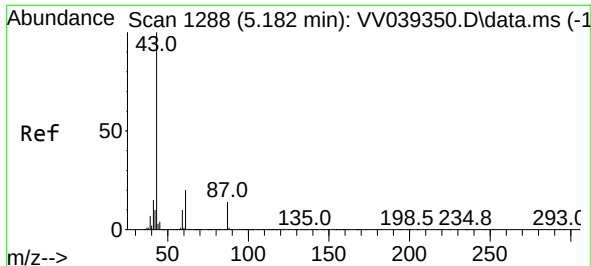


#42
1,2-Dichloroethane
Concen: 49.437 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 62 Resp: 532110

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

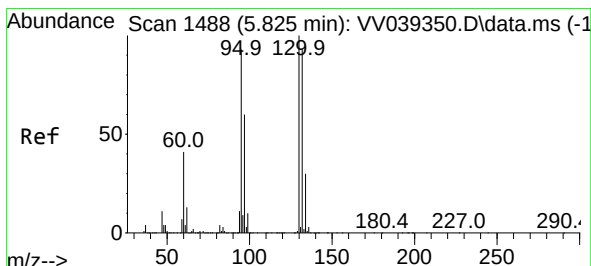
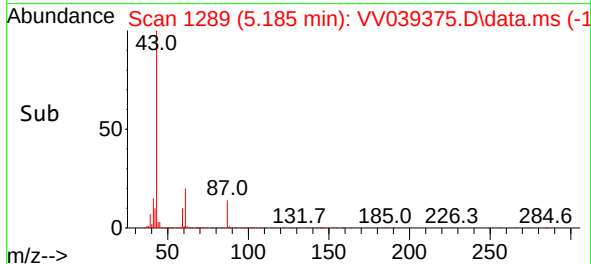
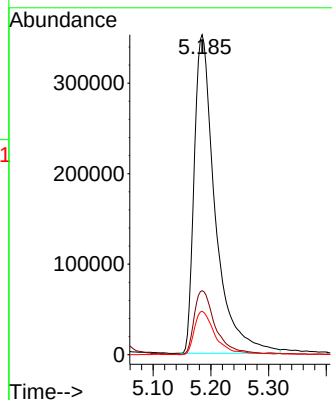
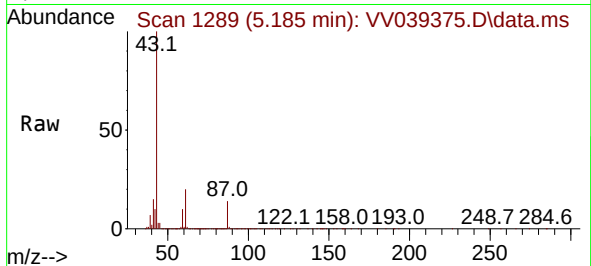




#43
Isopropyl Acetate
Concen: 55.110 ug/l
RT: 5.185 min Scan# 1288
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

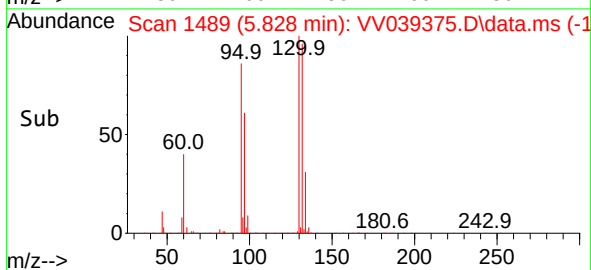
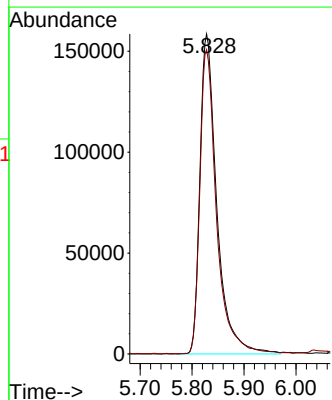
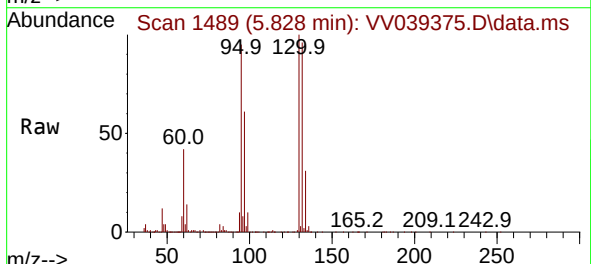
Instrument :
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ClientSampleId :
VSTDCCC050

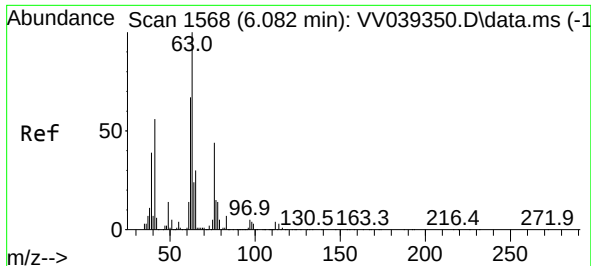
Tgt Ion: 43 Resp: 890774
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 47.841 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:130 Resp: 358542
Ion Ratio Lower Upper
130 100
95 94.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.897 ug/l

RT: 6.085 min Scan# 1568

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

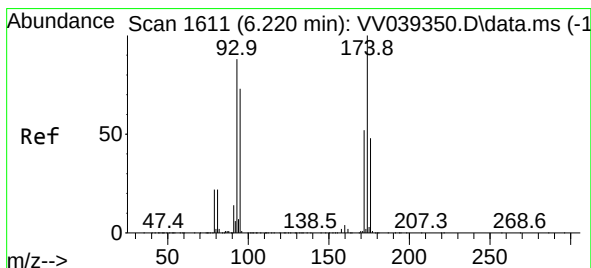
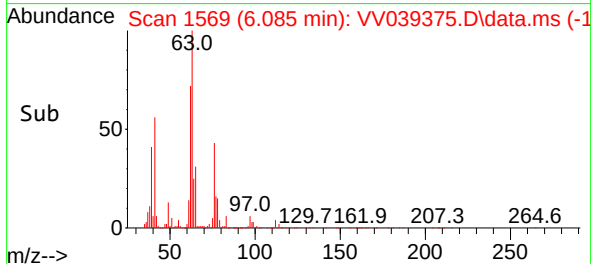
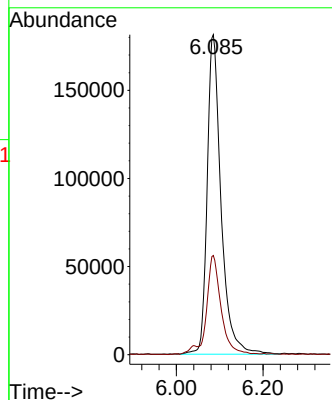
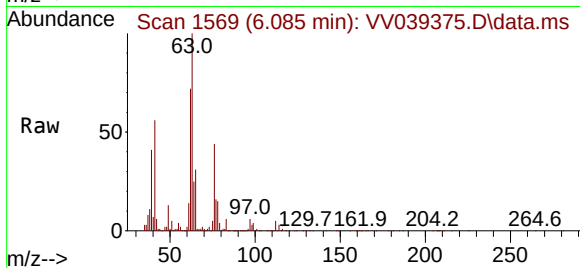
VSTDCCC050

Tgt Ion: 63 Resp: 402780

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



#46

Dibromomethane

Concen: 47.673 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

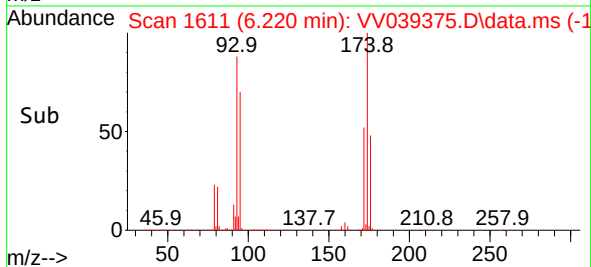
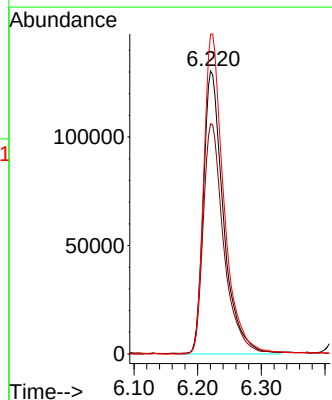
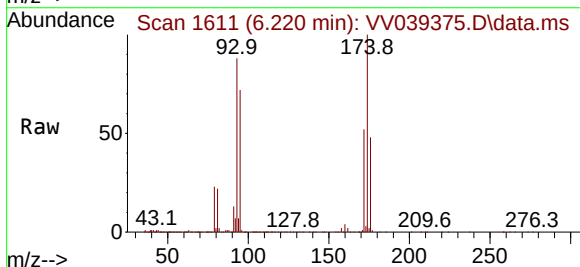
Tgt Ion: 93 Resp: 286482

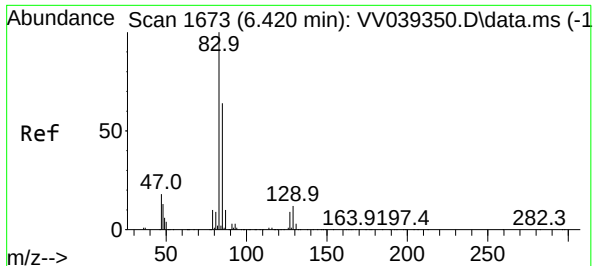
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 112.9 91.4 137.0





#47

Bromodichloromethane

Concen: 49.008 ug/l

RT: 6.423 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

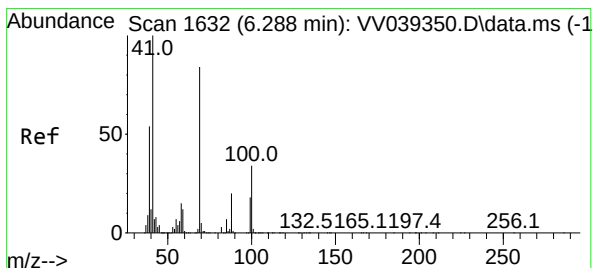
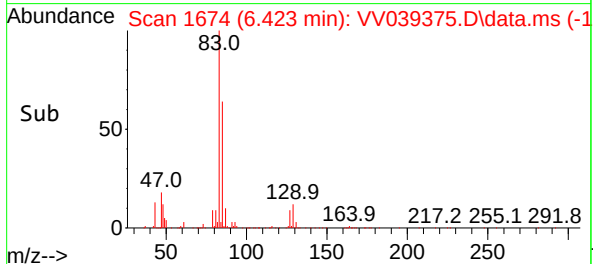
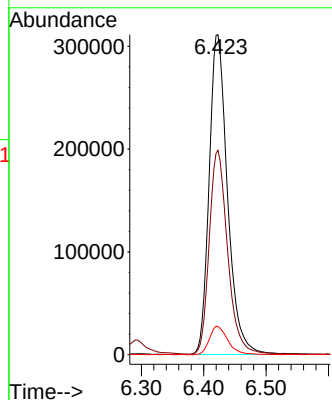
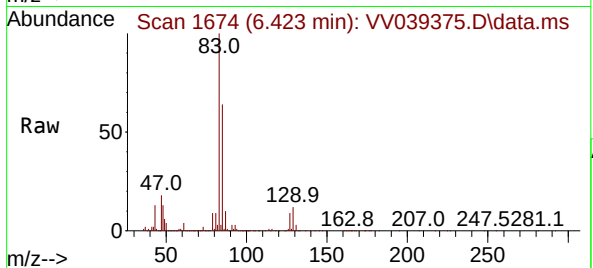
Tgt Ion: 83 Resp: 637820

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.4

127 8.8 7.3 10.9



#48

Methyl methacrylate

Concen: 57.637 ug/l

RT: 6.291 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

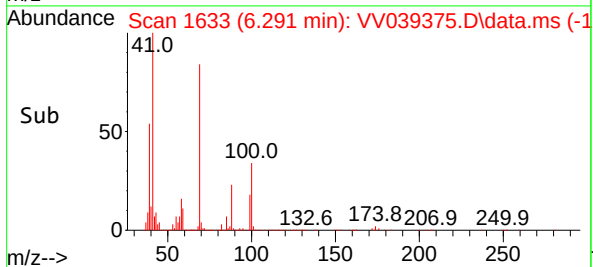
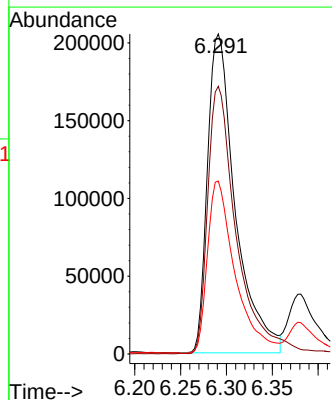
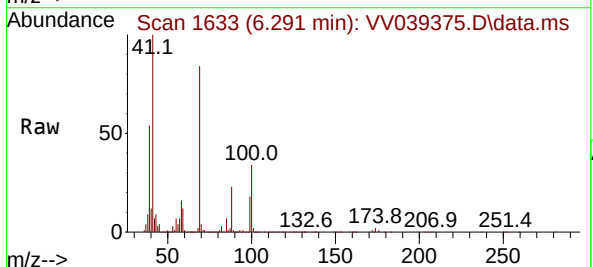
Tgt Ion: 41 Resp: 433888

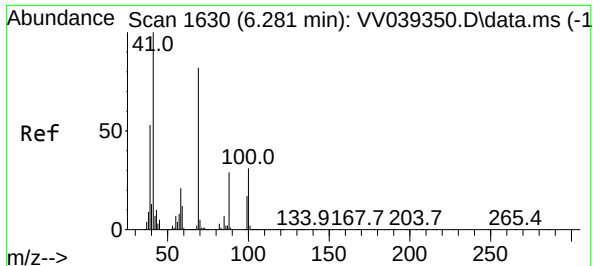
Ion Ratio Lower Upper

41 100

69 87.0 69.1 103.7

39 53.7 42.8 64.2





#49

1,4-Dioxane

Concen: 1187.161 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

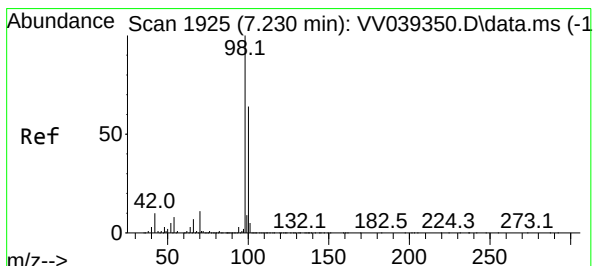
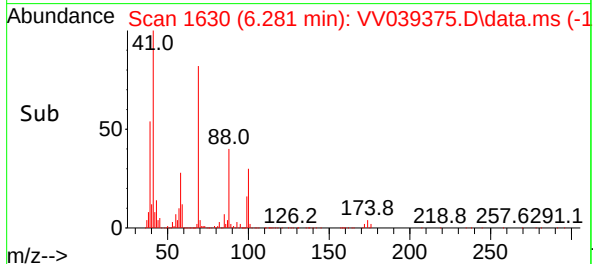
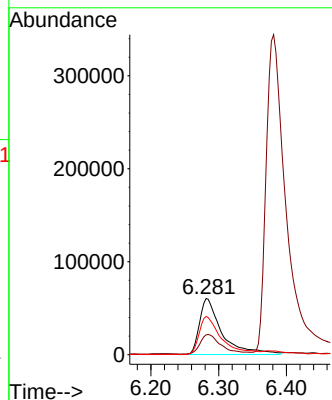
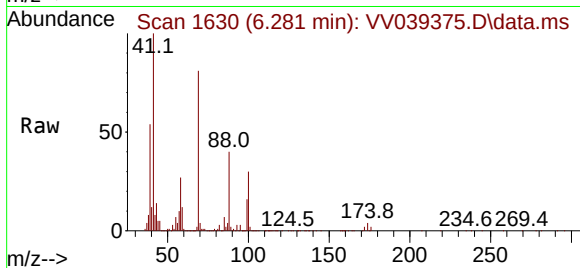
Tgt Ion: 88 Resp: 137649

Ion Ratio Lower Upper

88 100

43 33.2 26.6 40.0

58 68.1 55.4 83.0



#50

Toluene-d8

Concen: 50.483 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039375.D

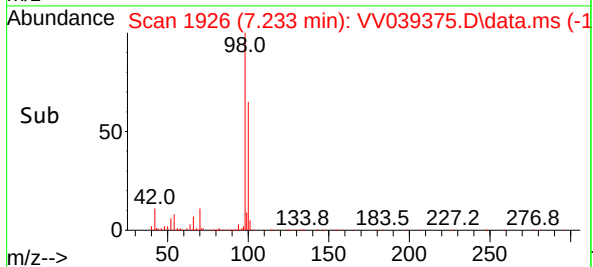
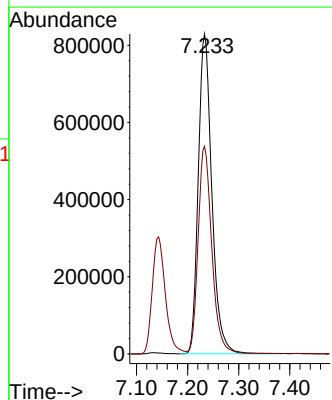
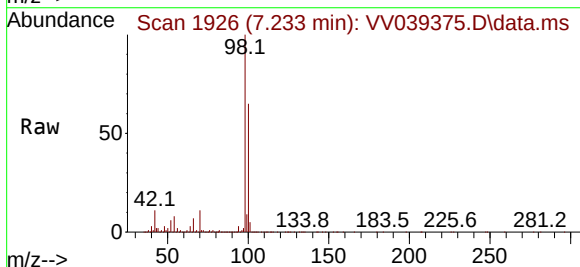
Acq: 13 Nov 2025 11:21

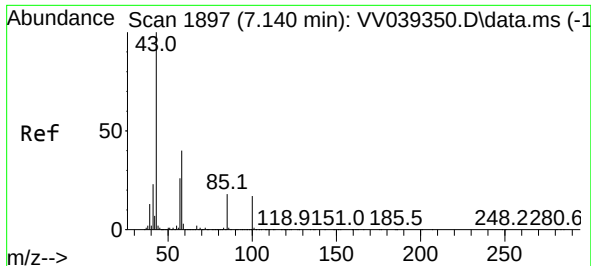
Tgt Ion: 98 Resp: 1529740

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

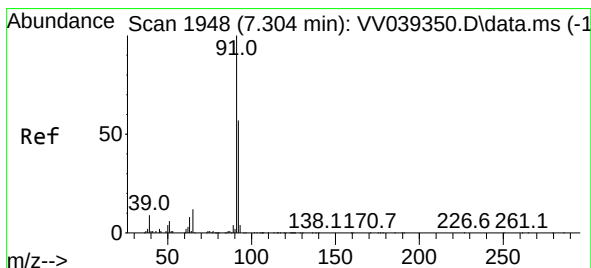
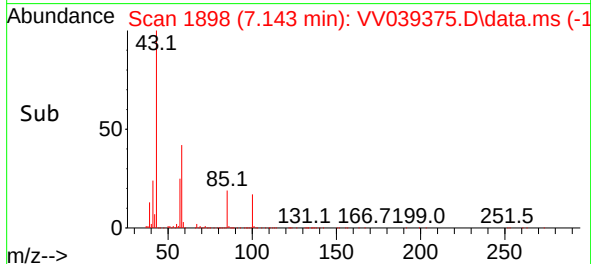
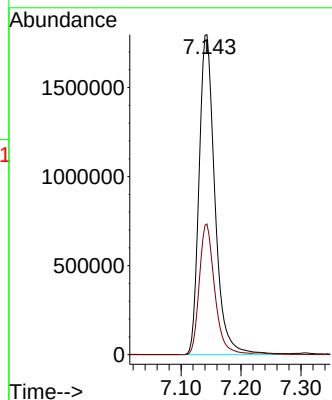
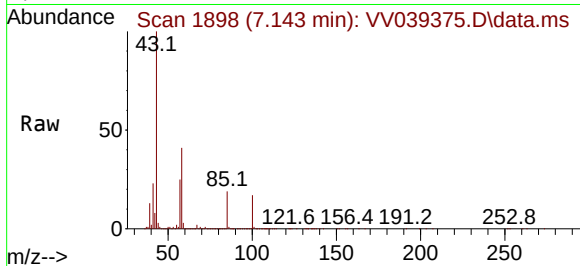




#51
4-Methyl-2-Pentanone
Concen: 298.384 ug/l
RT: 7.143 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

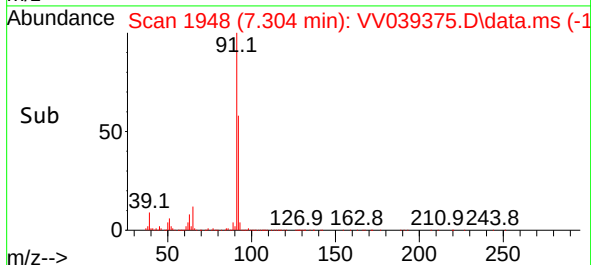
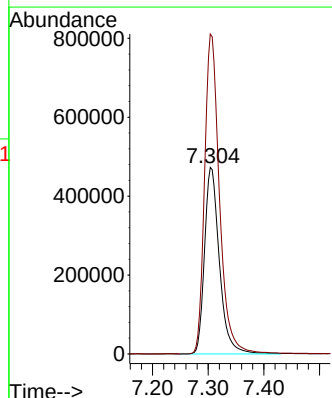
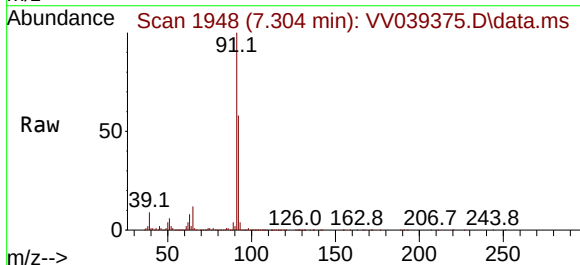
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

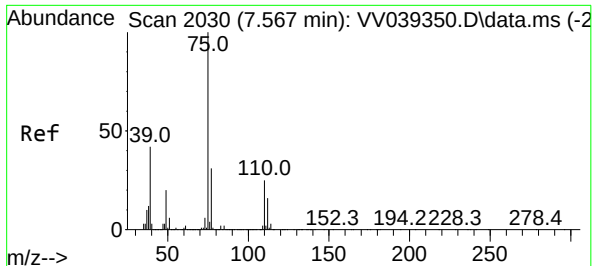
Tgt Ion: 43 Resp: 3296851
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6



#52
Toluene
Concen: 50.681 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 92 Resp: 877173
Ion Ratio Lower Upper
92 100
91 172.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 54.245 ug/l

RT: 7.571 min Scan# 2030

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

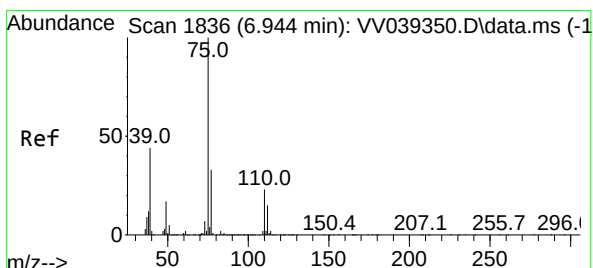
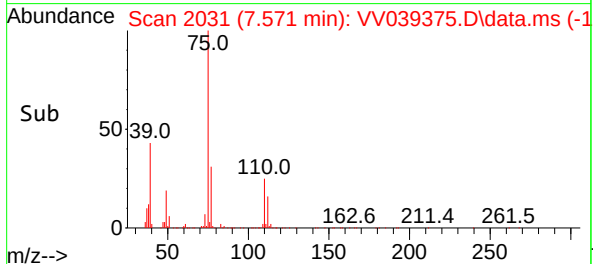
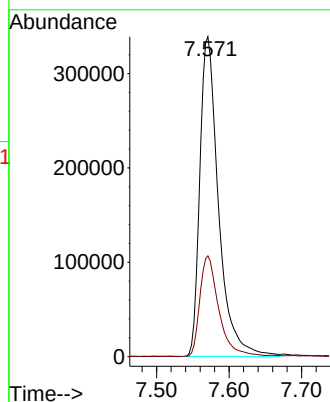
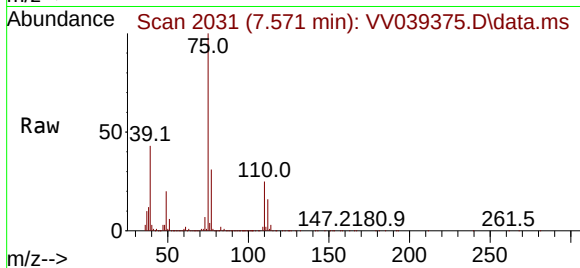
VSTDCCC050

Tgt Ion: 75 Resp: 607414

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 53.984 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

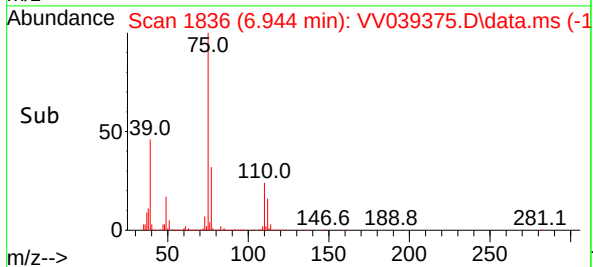
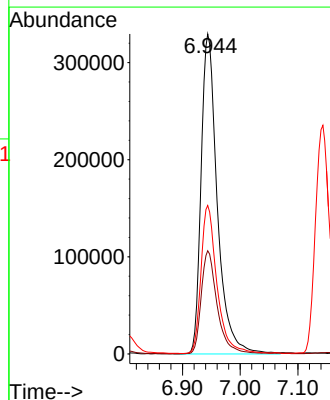
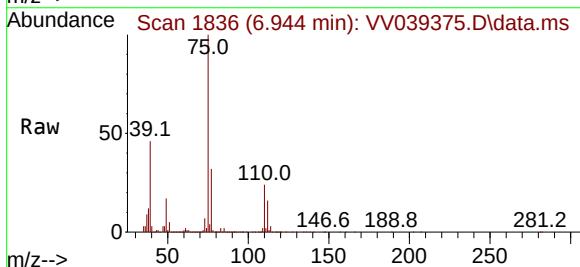
Tgt Ion: 75 Resp: 641771

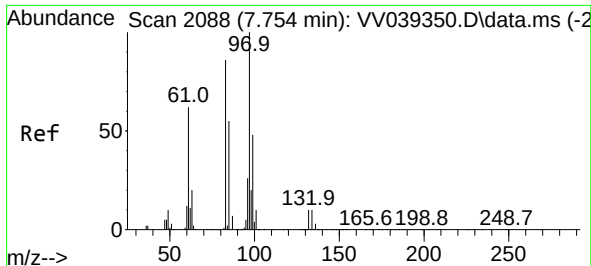
Ion Ratio Lower Upper

75 100

77 32.2 26.3 39.5

39 46.2 35.5 53.3

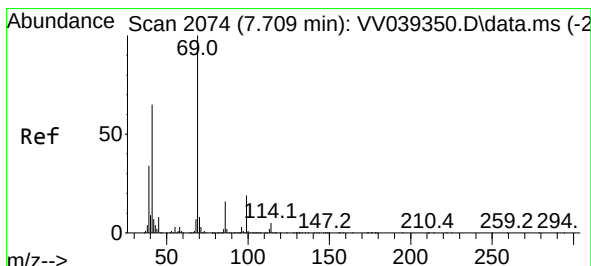
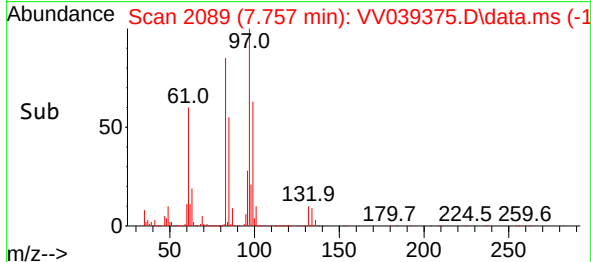
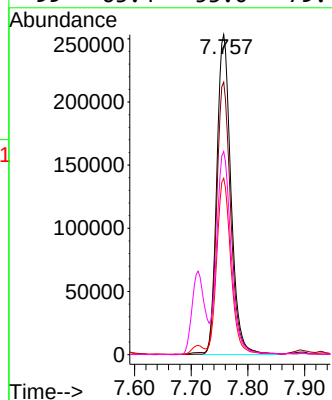
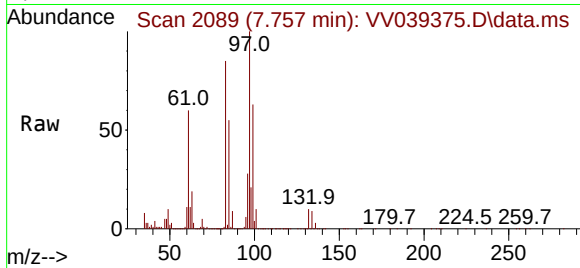




#55
1,1,2-Trichloroethane
Concen: 50.435 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

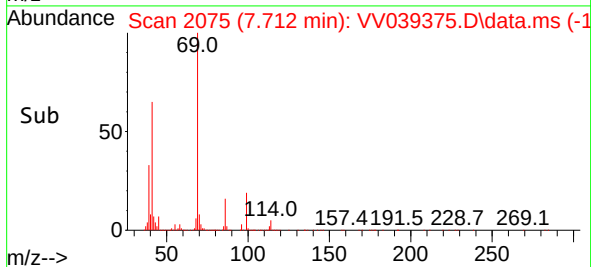
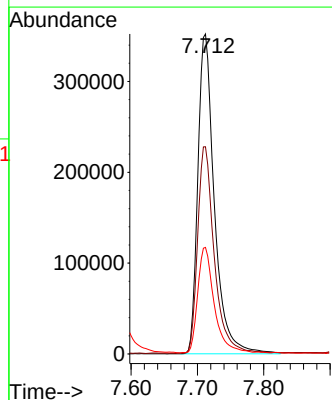
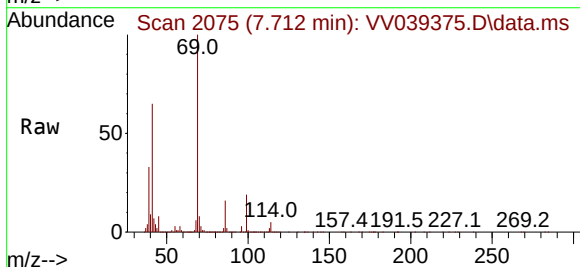
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

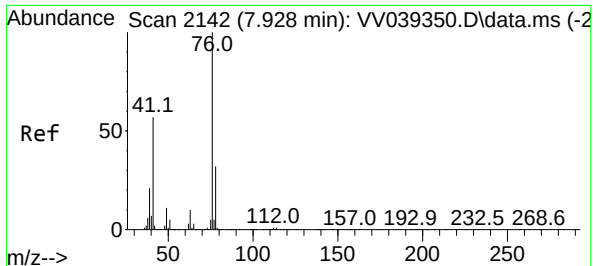
Tgt Ion:	97	Resp:	441959
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.8	103.2
85	55.0	45.2	67.8
99	63.4	53.0	79.4



#56
Ethyl methacrylate
Concen: 57.633 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:	69	Resp:	609778
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.5	78.7
39	32.7	26.7	40.1

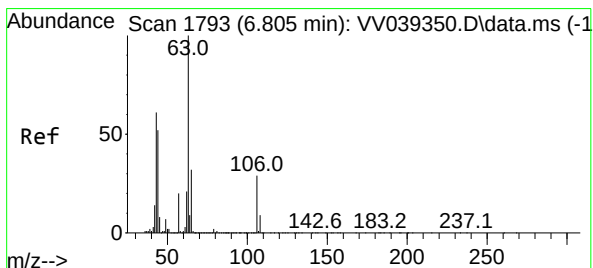
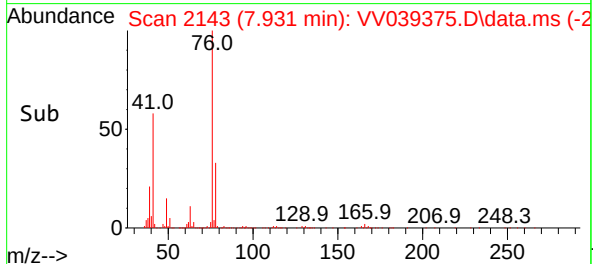
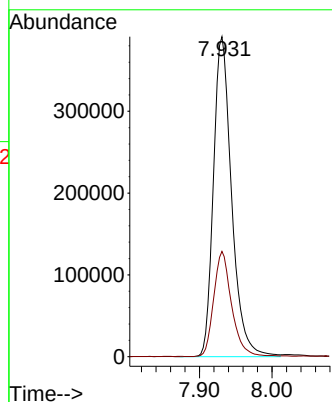
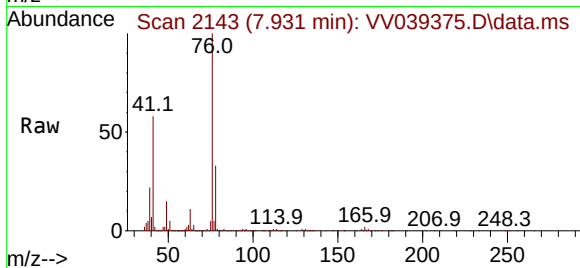




#57
1,3-Dichloropropane
Concen: 50.547 ug/l
RT: 7.931 min Scan# 2142
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

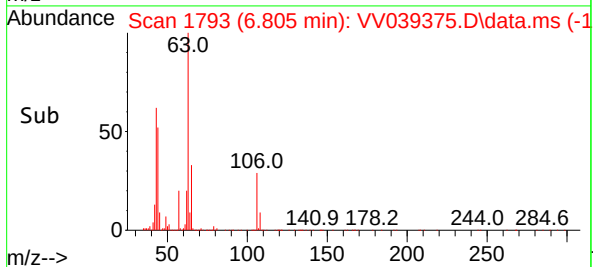
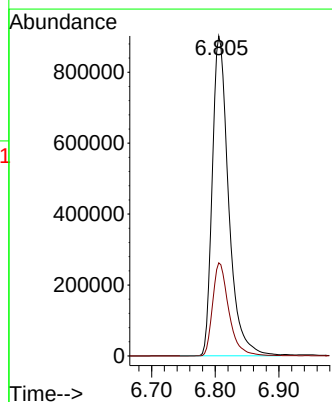
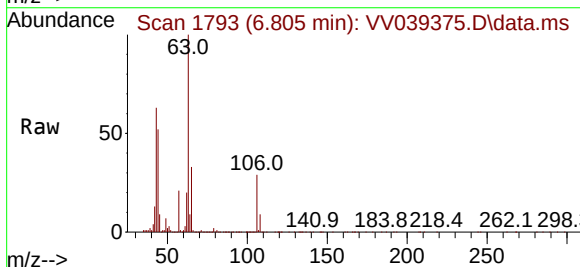
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

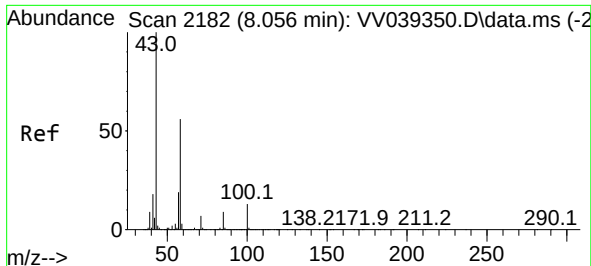
Tgt Ion: 76 Resp: 681215
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 534.113 ug/l
RT: 6.805 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 63 Resp: 1607034
Ion Ratio Lower Upper
63 100
106 29.0 23.3 34.9

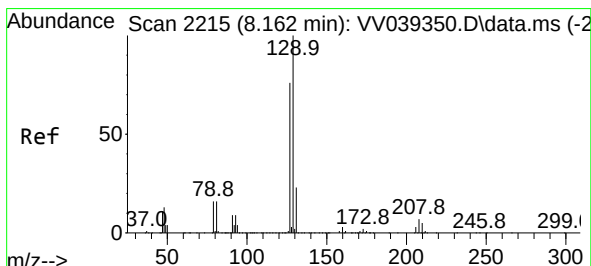
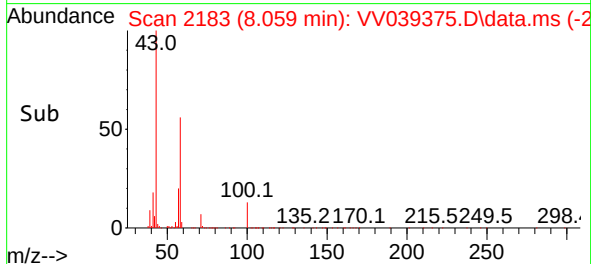
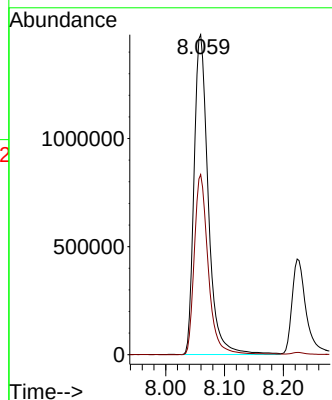
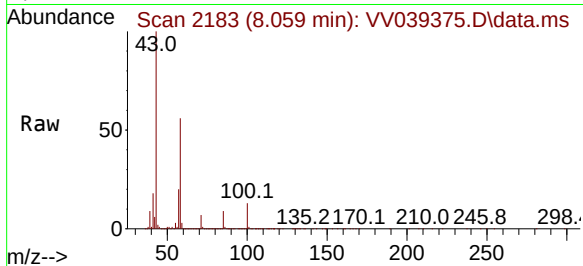




#59
2-Hexanone
Concen: 314.145 ug/l
RT: 8.059 min Scan# 2182
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

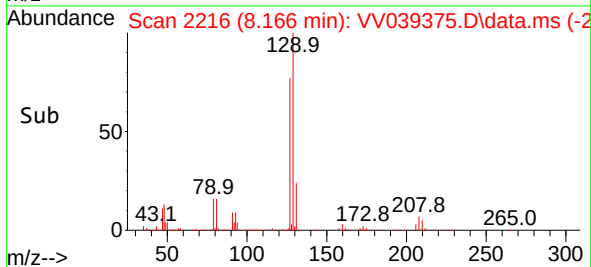
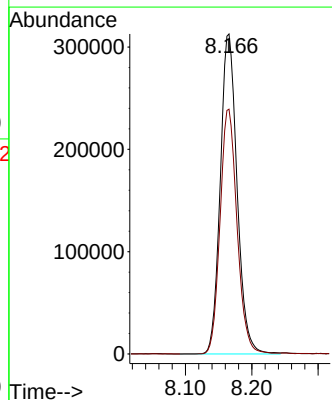
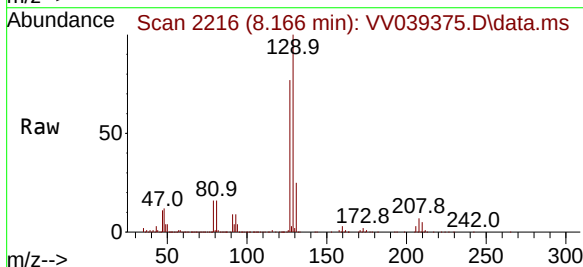
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

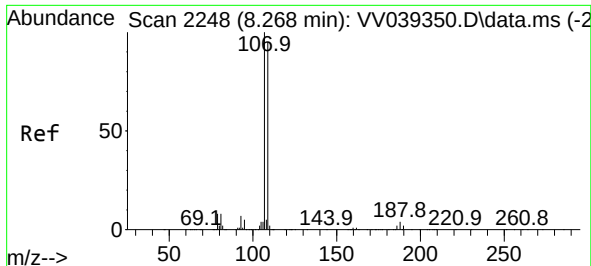
Tgt Ion: 43 Resp: 2480695
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1



#60
Dibromochloromethane
Concen: 49.017 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 129 Resp: 550398
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

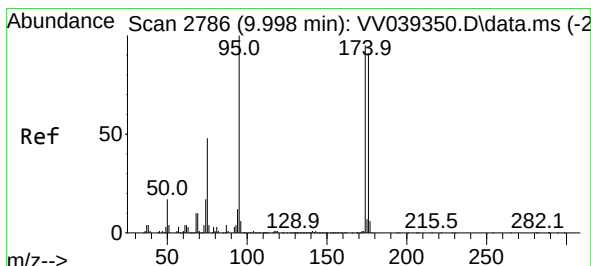
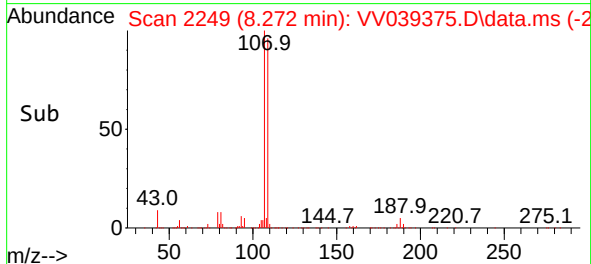
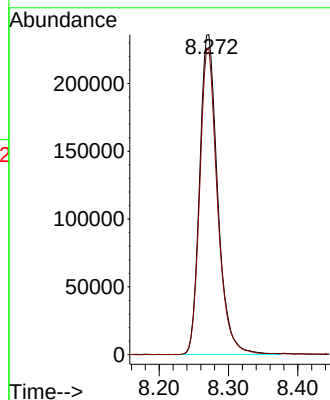
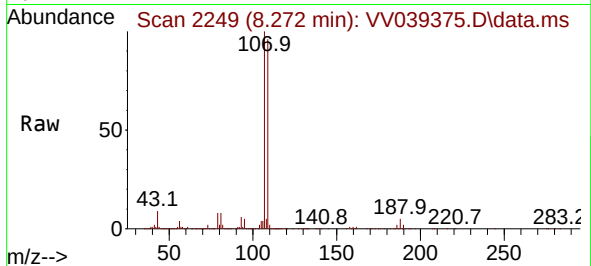




#61
1,2-Dibromoethane
Concen: 49.979 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

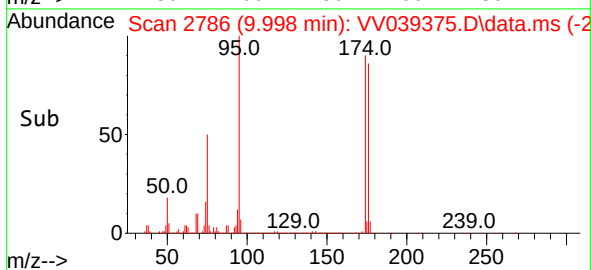
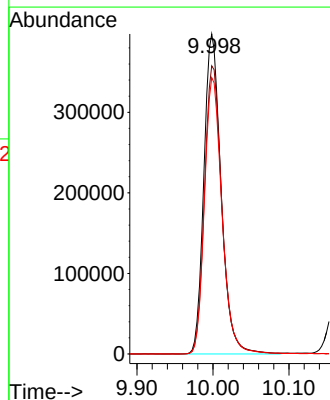
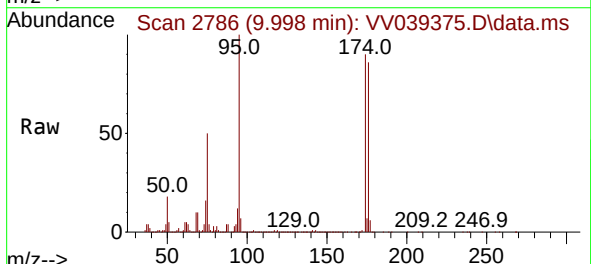
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

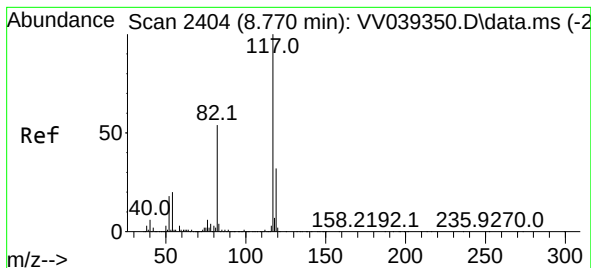
Tgt Ion:107 Resp: 426896
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.707 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 95 Resp: 625341
Ion Ratio Lower Upper
95 100
174 91.5 0.0 187.6
176 87.7 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

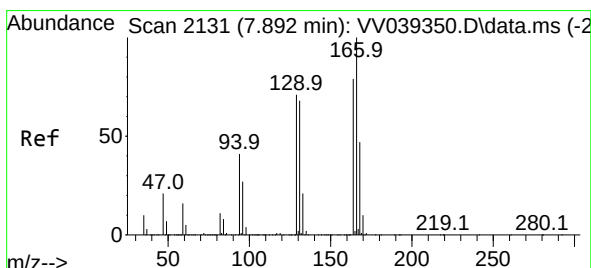
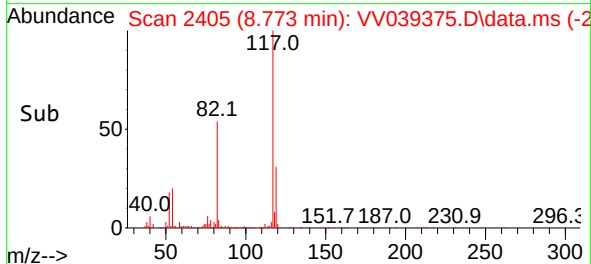
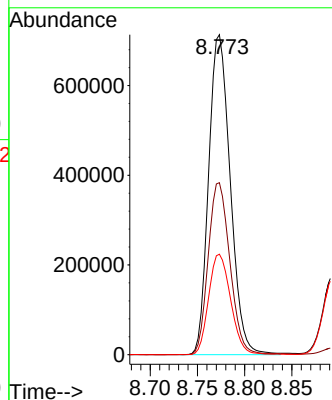
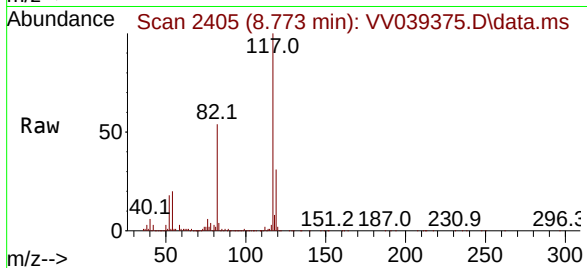
Tgt Ion:117 Resp: 1135490

Ion Ratio Lower Upper

117 100

82 53.7 42.9 64.3

119 31.4 25.5 38.3



#64

Tetrachloroethene

Concen: 46.419 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Tgt Ion:164 Resp: 325749

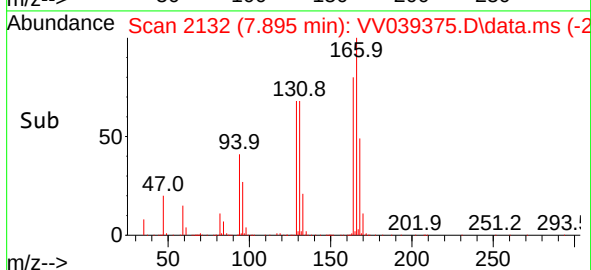
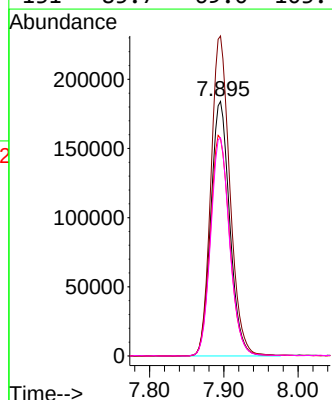
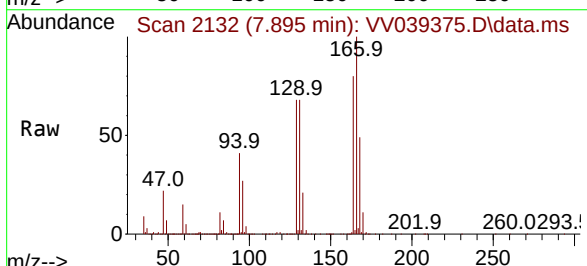
Ion Ratio Lower Upper

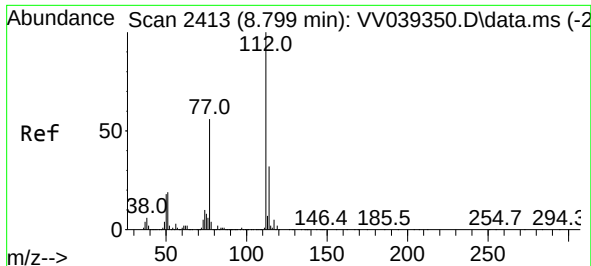
164 100

166 125.7 101.9 152.9

129 85.4 71.8 107.8

131 85.7 69.0 103.4

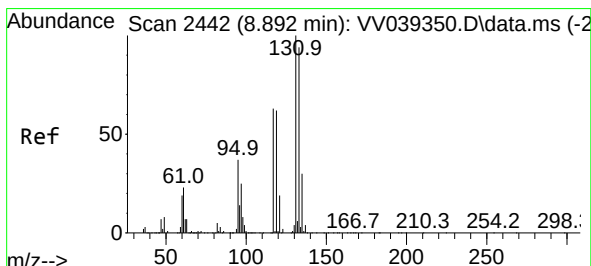
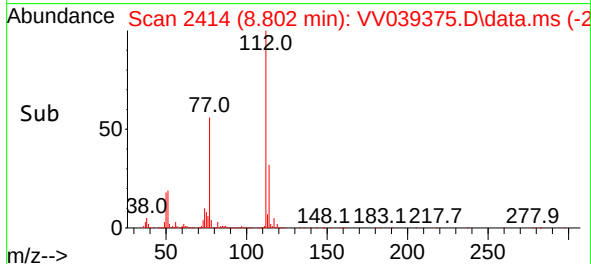
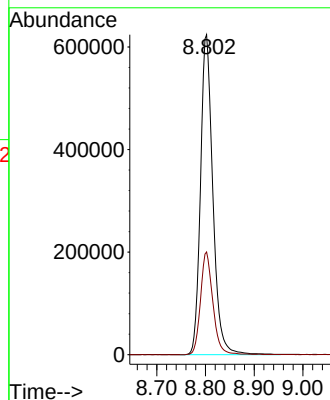
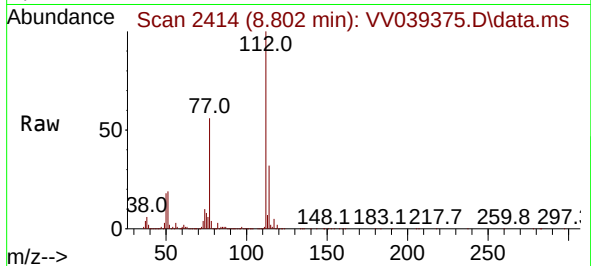




#65
Chlorobenzene
Concen: 48.688 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

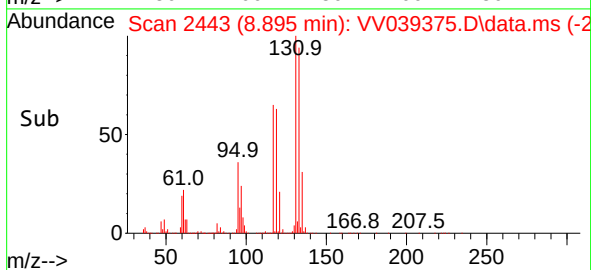
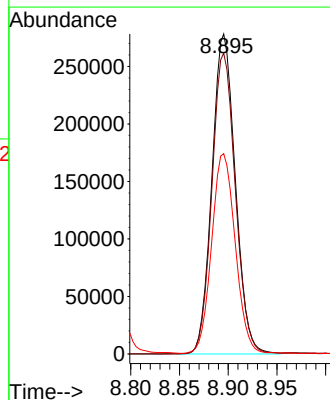
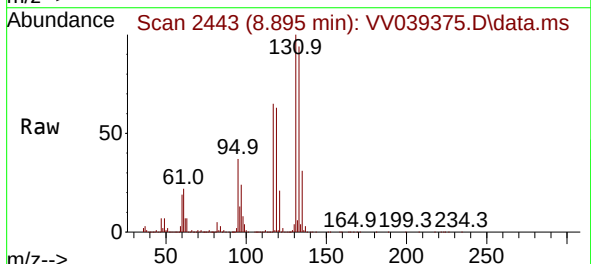
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

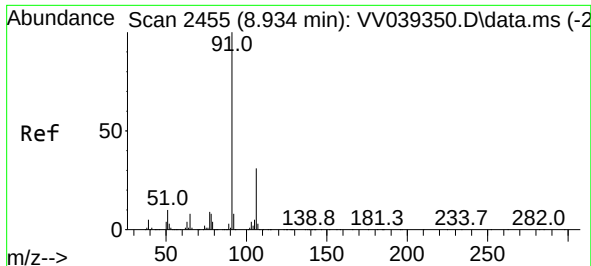
Tgt Ion:112 Resp: 1100572
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.215 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:131 Resp: 464178
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 63.1 31.6 94.8

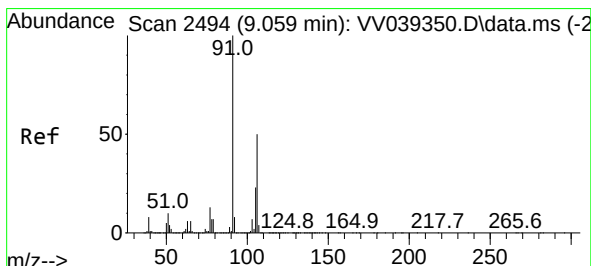
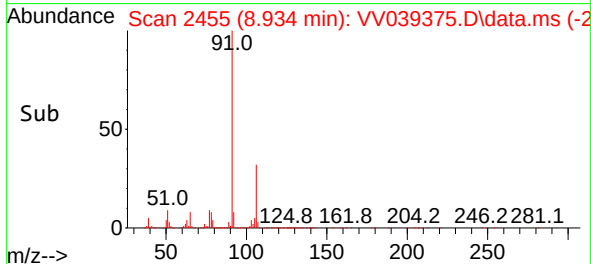
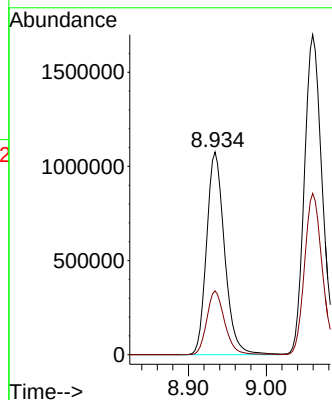
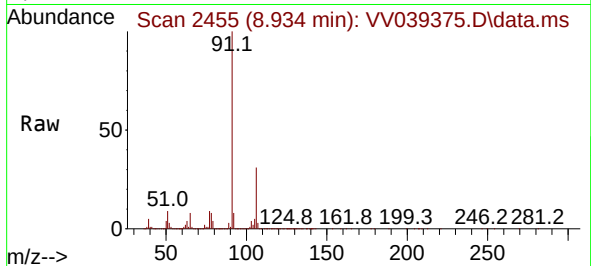




#67
Ethyl Benzene
Concen: 52.796 ug/l
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

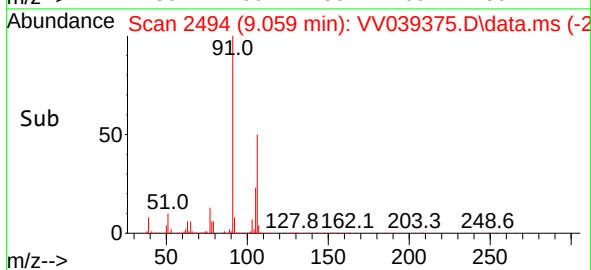
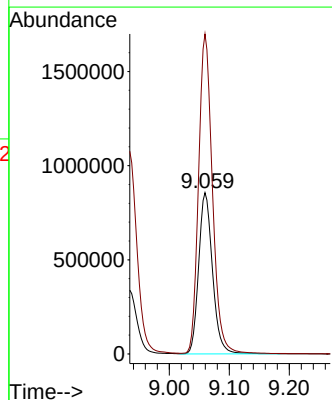
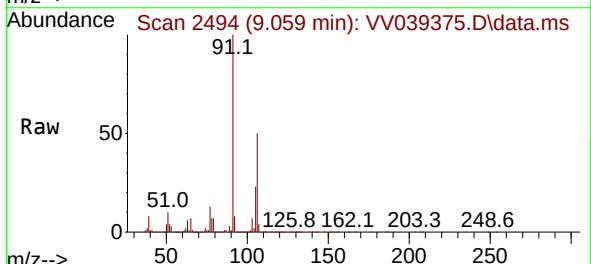
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

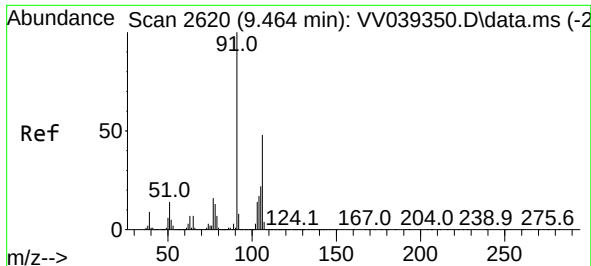
Tgt Ion: 91 Resp: 1726178
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 111.385 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:106 Resp: 1375297
Ion Ratio Lower Upper
106 100
91 198.6 161.5 242.3

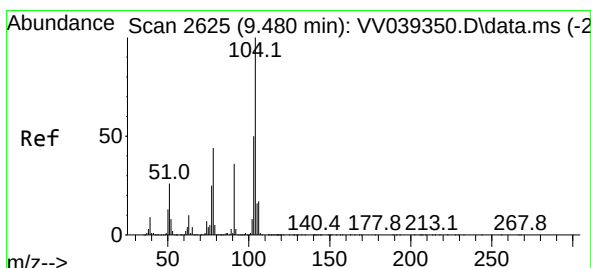
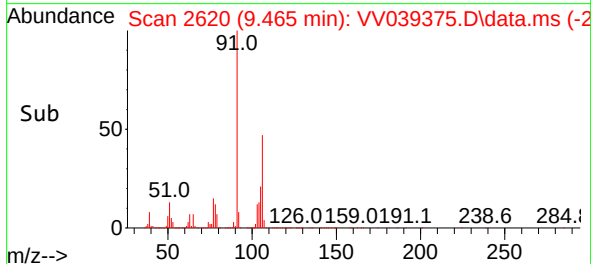
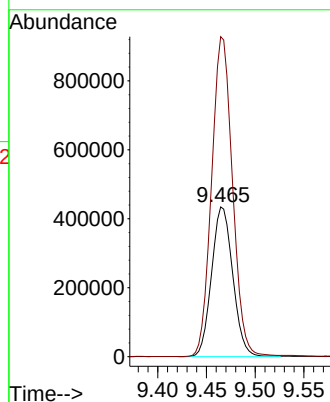
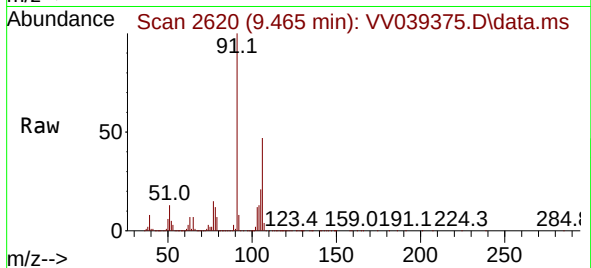




#69
o-Xylene
Concen: 56.214 ug/l
RT: 9.465 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

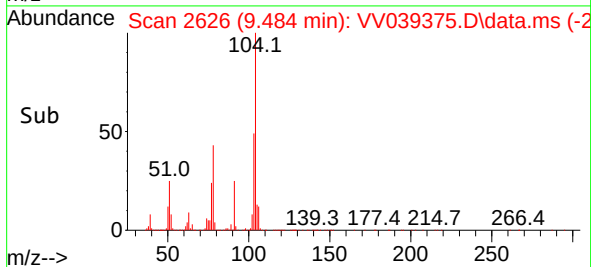
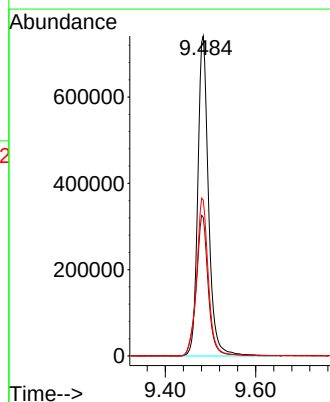
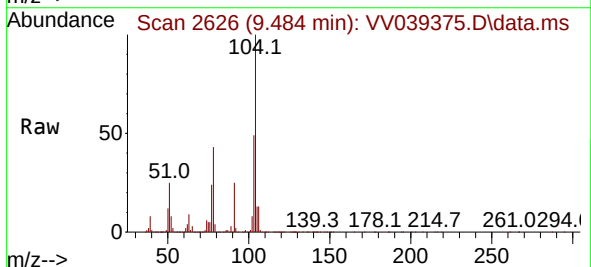
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

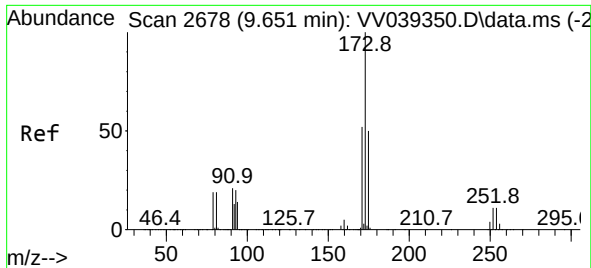
Tgt Ion:106 Resp: 656690
Ion Ratio Lower Upper
106 100
91 211.9 105.9 317.7



#70
Styrene
Concen: 58.209 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:104 Resp: 1215615
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.3 43.4 65.2

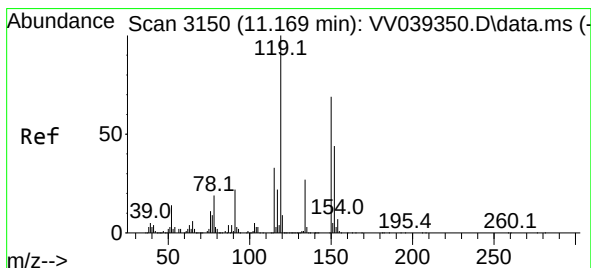
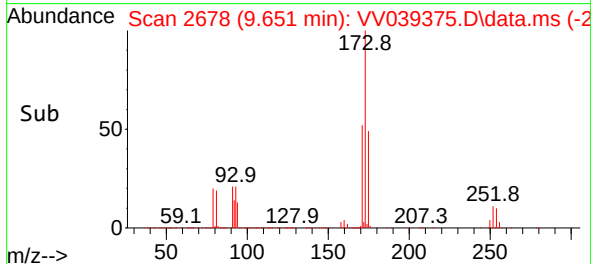
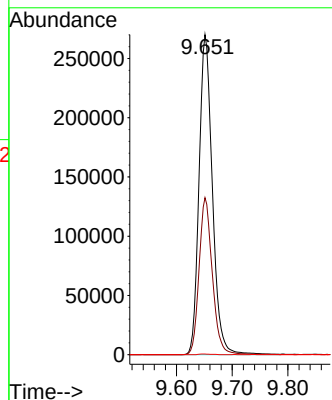
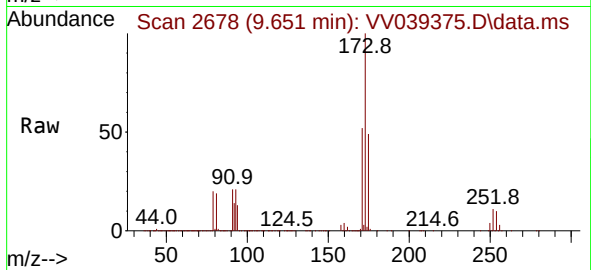




#71
Bromoform
Concen: 51.458 ug/l
RT: 9.651 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

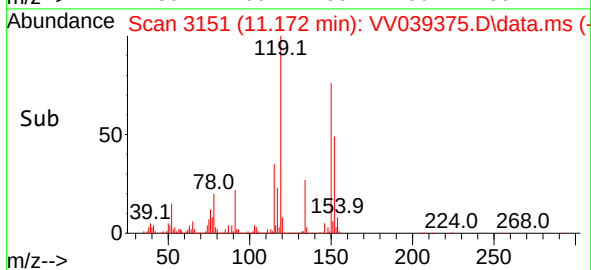
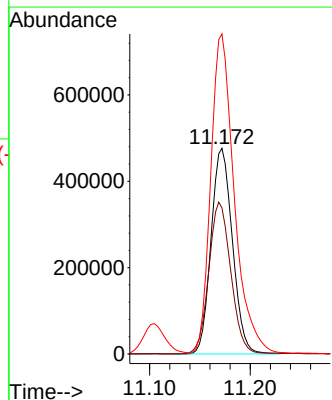
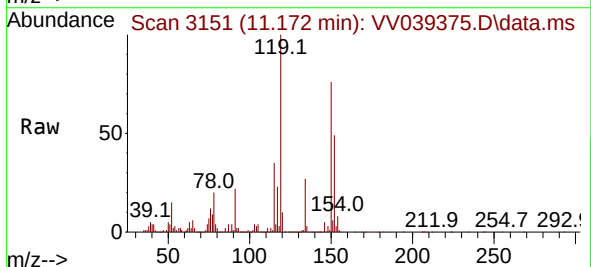
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

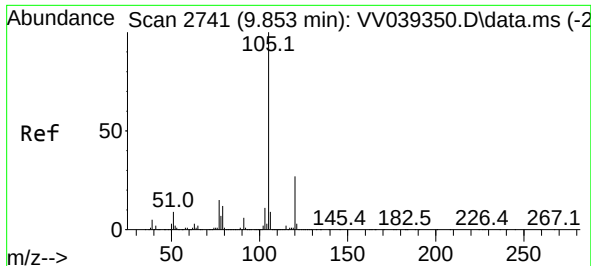
Tgt Ion:173 Resp: 450537
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:152 Resp: 703773
Ion Ratio Lower Upper
152 100
115 76.1 37.3 111.9
150 171.3 0.0 340.4

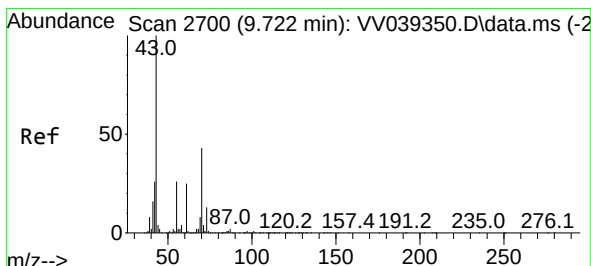
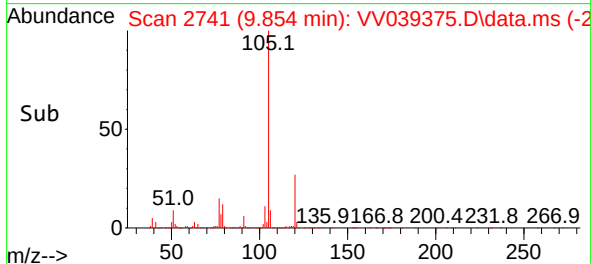
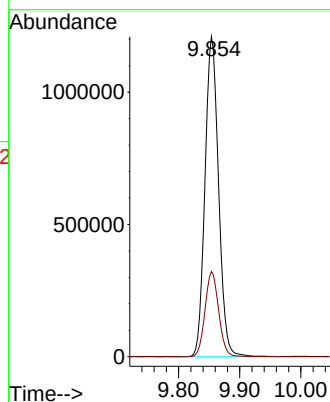
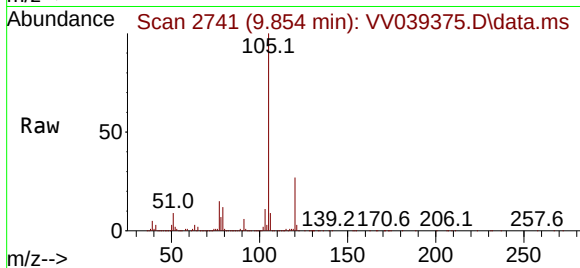




#73
Isopropylbenzene
Concen: 54.349 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

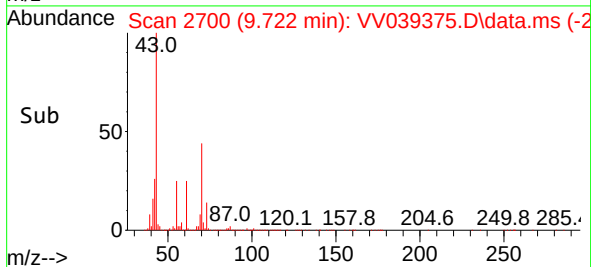
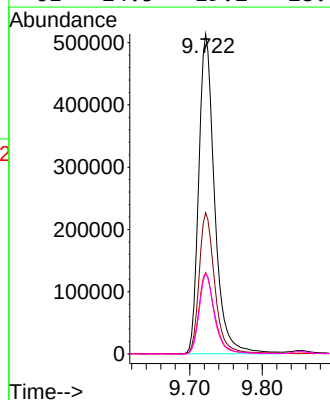
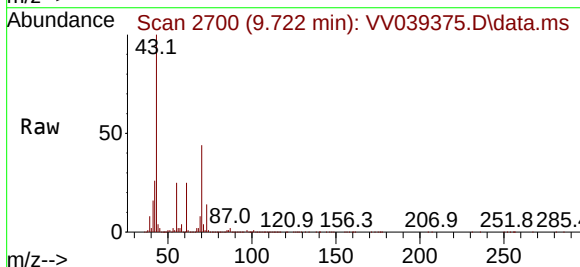
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

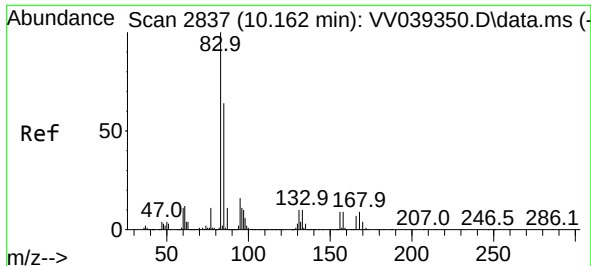
Tgt Ion:105 Resp: 1867727
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 57.852 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 43 Resp: 779026
Ion Ratio Lower Upper
43 100
70 44.0 34.6 51.8
55 25.3 21.0 31.6
61 24.5 19.2 28.8

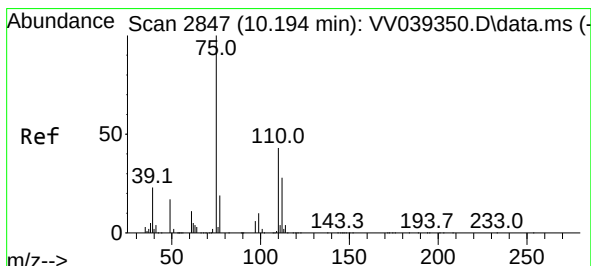
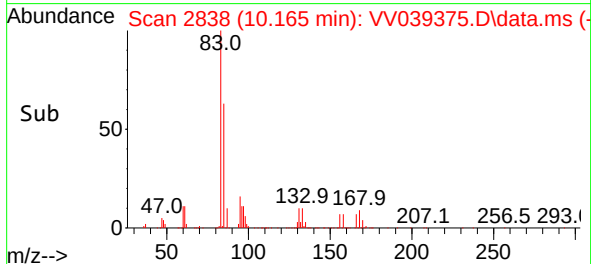
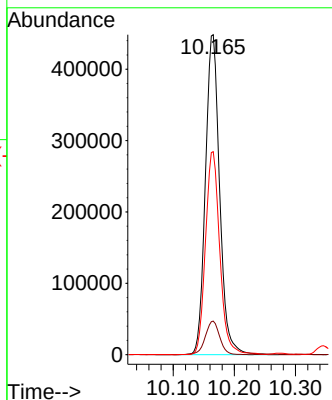
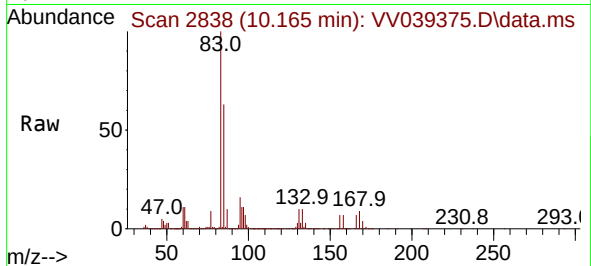




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.472 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.003 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

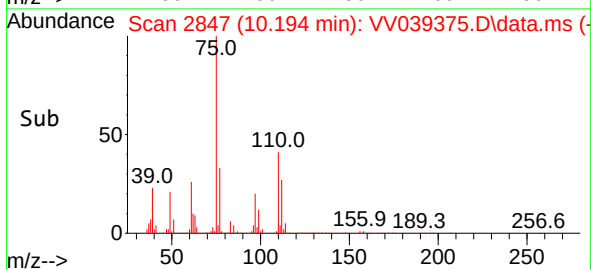
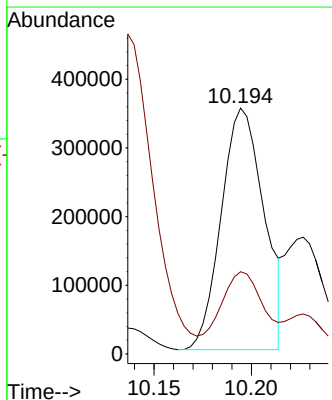
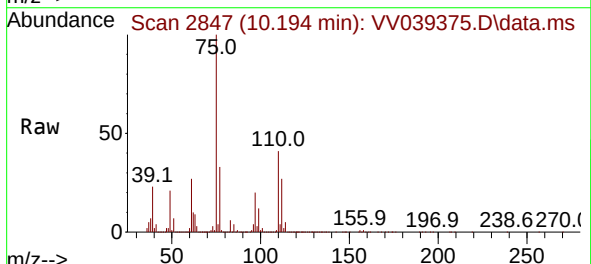
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

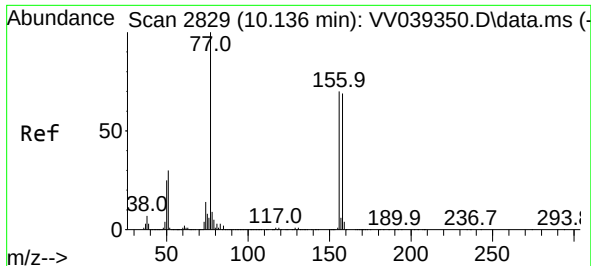
Tgt Ion: 83 Resp: 725509
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 63.7 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 49.091 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

Tgt Ion: 75 Resp: 536260
 Ion Ratio Lower Upper
 75 100
 77 23.0 11.8 35.3

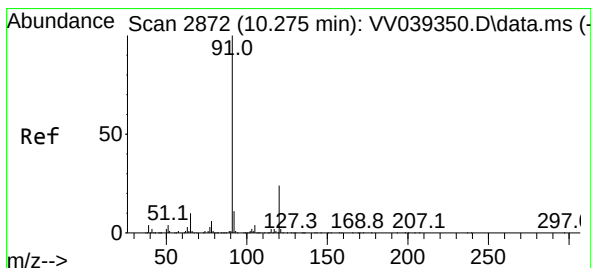
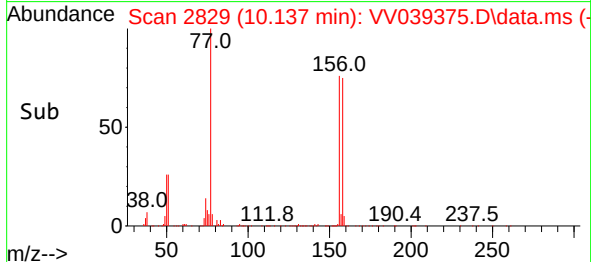
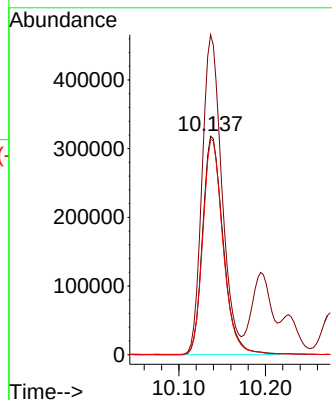
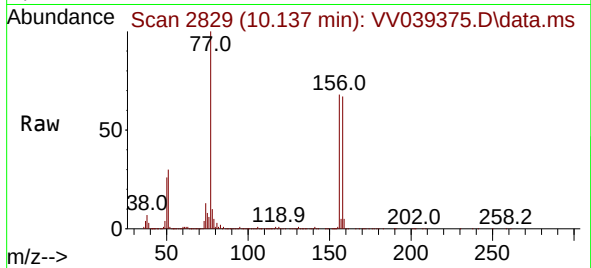




#77
Bromobenzene
Concen: 49.320 ug/l
RT: 10.137 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

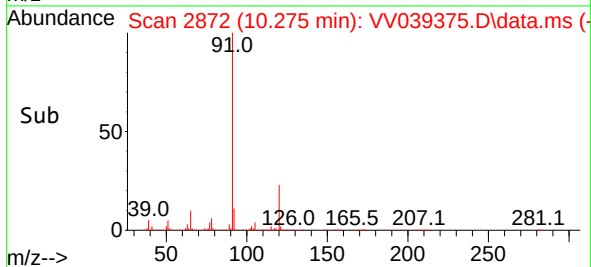
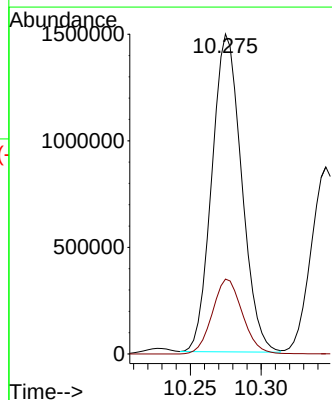
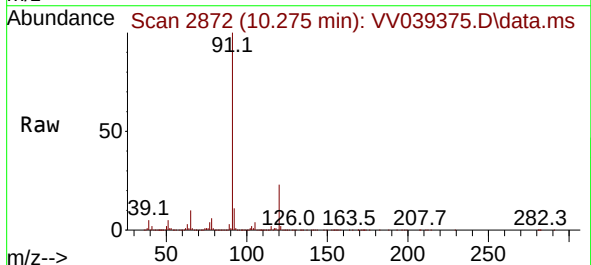
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

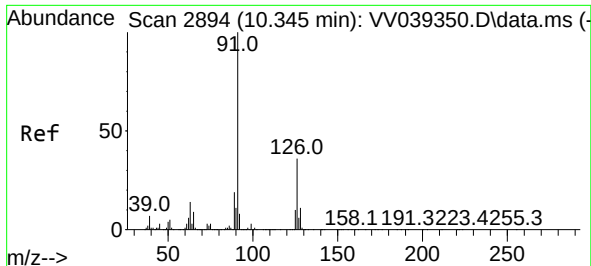
Tgt Ion:156 Resp: 523149
Ion Ratio Lower Upper
156 100
77 140.7 70.3 210.9
158 97.9 49.4 148.0



#78
n-propylbenzene
Concen: 55.256 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 91 Resp: 2175317
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0

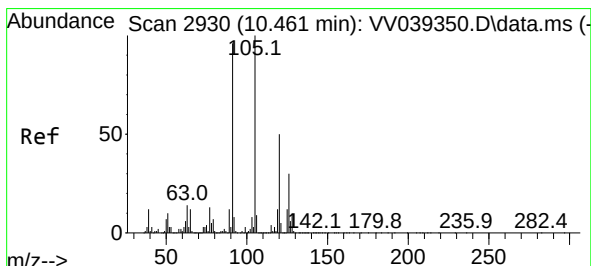
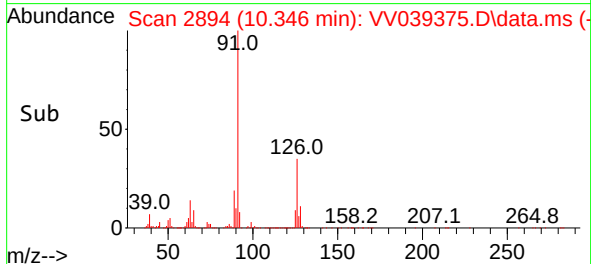
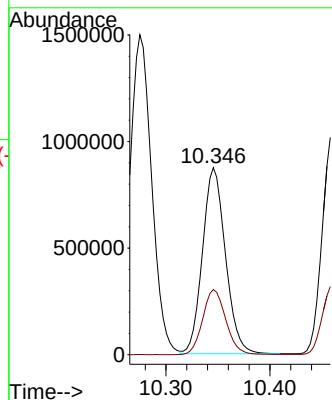
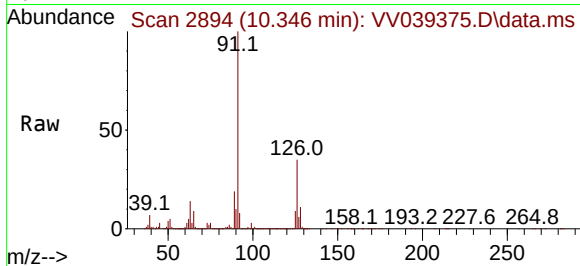




#79
2-Chlorotoluene
Concen: 53.216 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

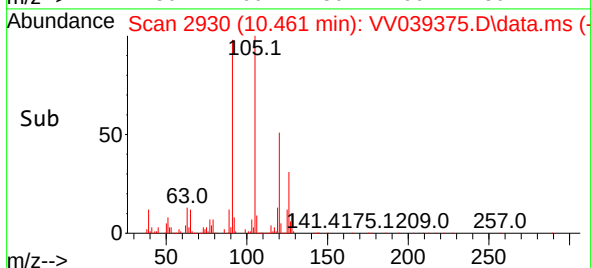
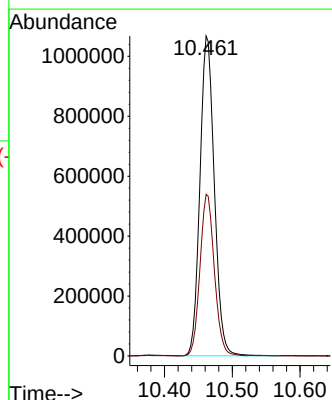
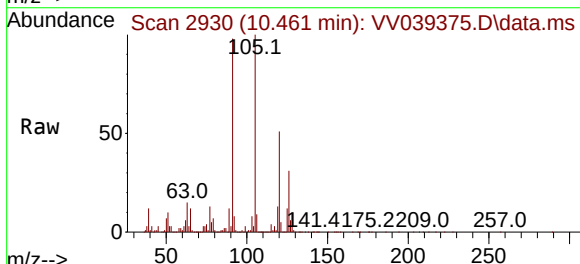
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

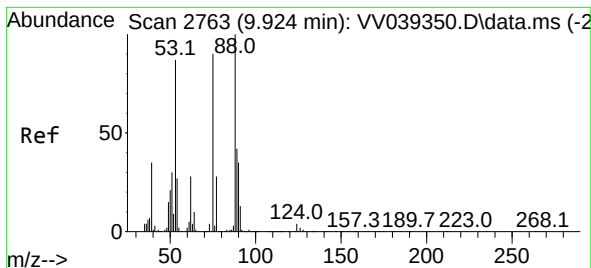
Tgt Ion: 91 Resp: 1341027
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 55.997 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion:105 Resp: 1573325
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4

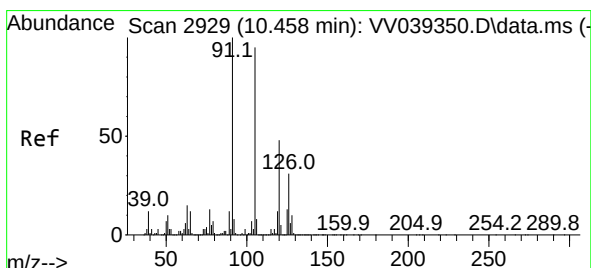
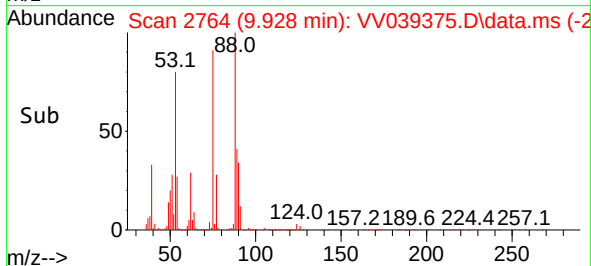
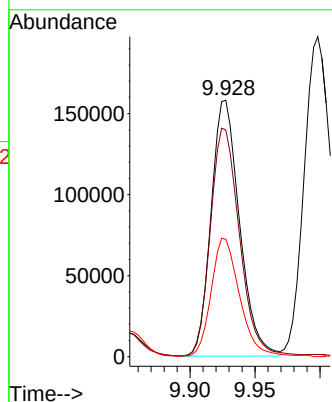
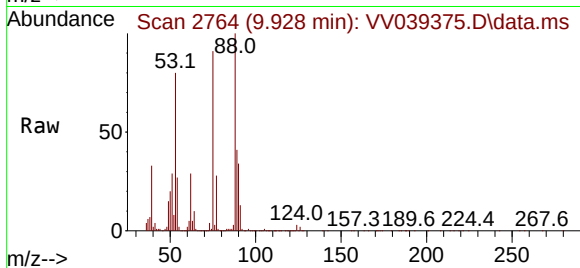




#81
trans-1,4-Dichloro-2-butene
Concen: 58.955 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

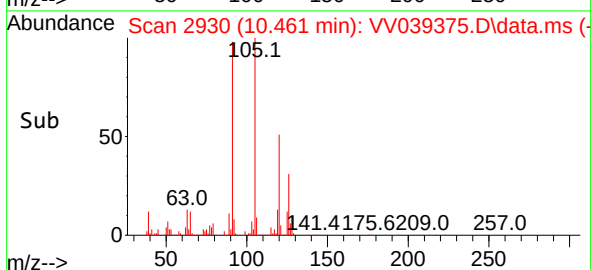
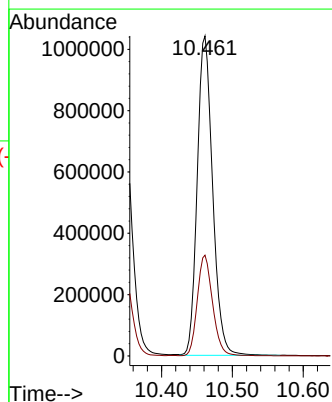
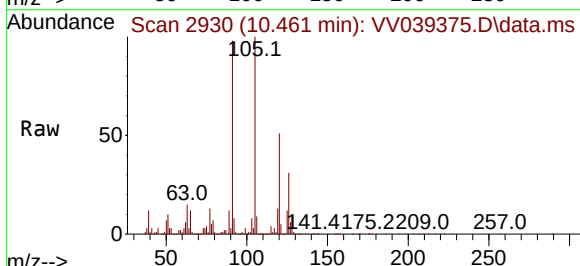
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

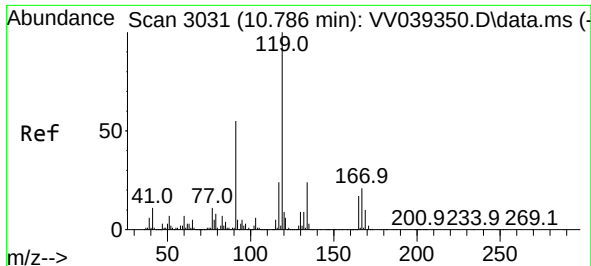
Tgt Ion: 75 Resp: 240245
Ion Ratio Lower Upper
75 100
53 90.8 79.0 118.6
89 46.7 40.4 60.6



#82
4-Chlorotoluene
Concen: 55.649 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039375.D
Acq: 13 Nov 2025 11:21

Tgt Ion: 91 Resp: 1567818
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

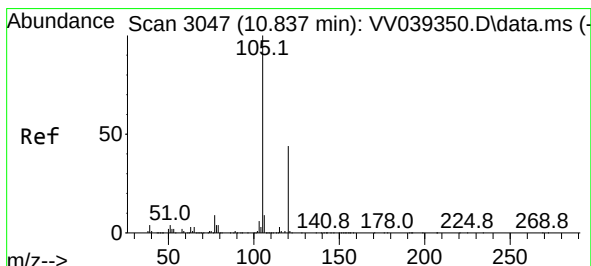
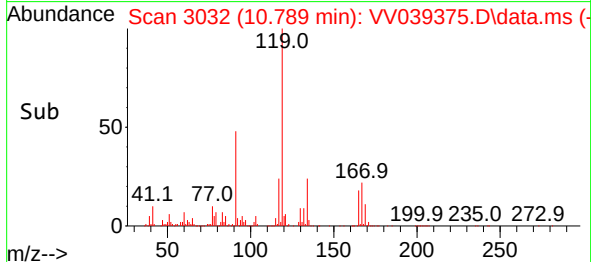
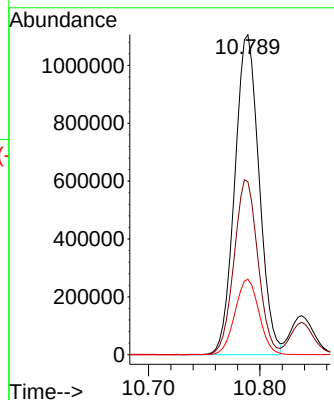
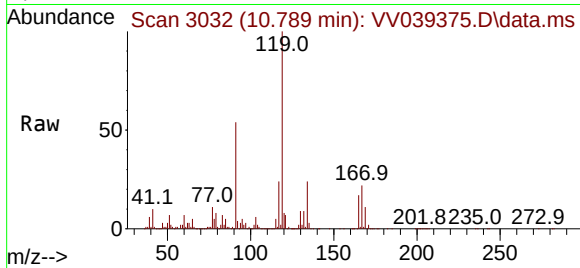




#83
 tert-Butylbenzene
 Concen: 54.401 ug/l
 RT: 10.789 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

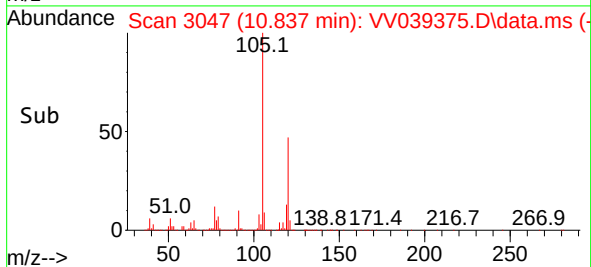
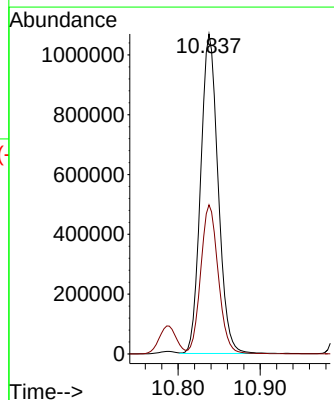
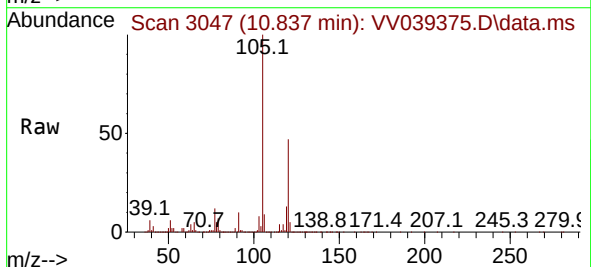
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

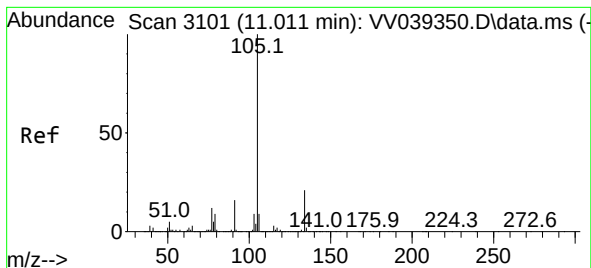
Tgt Ion:119 Resp: 1680134
 Ion Ratio Lower Upper
 119 100
 91 53.6 26.5 79.5
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 57.619 ug/l
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

Tgt Ion:105 Resp: 1576977
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 55.762 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

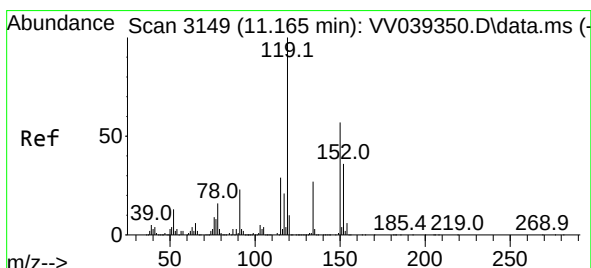
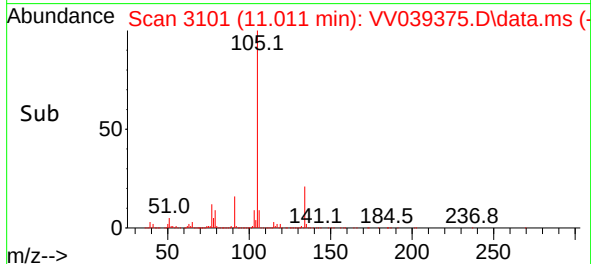
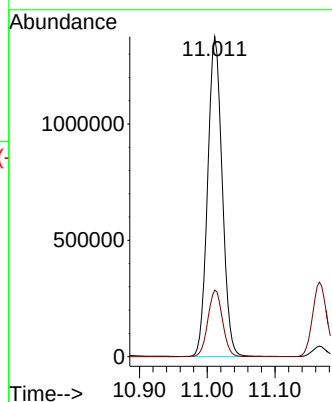
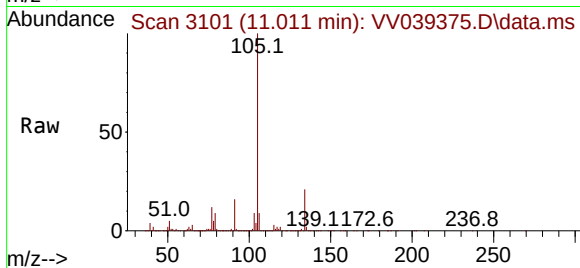
VSTDCCC050

Tgt Ion:105 Resp: 2042050

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



#86

p-Isopropyltoluene

Concen: 56.231 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

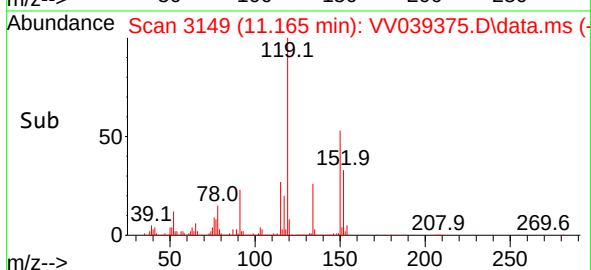
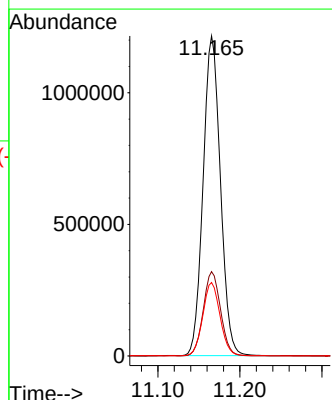
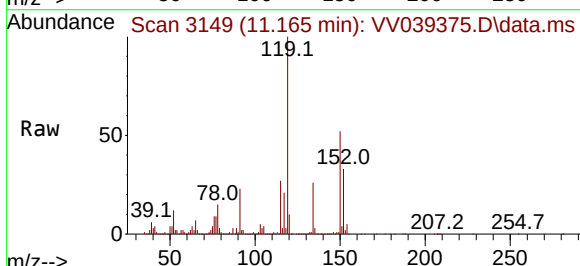
Tgt Ion:119 Resp: 1776908

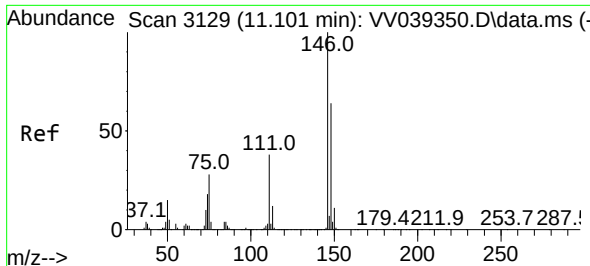
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 22.8 11.5 34.4

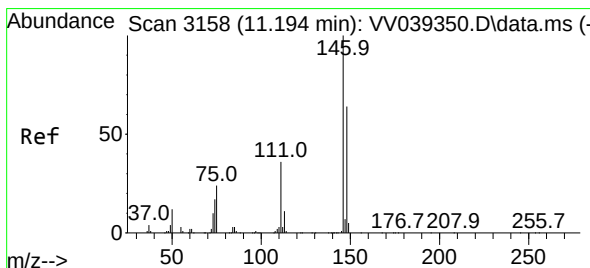
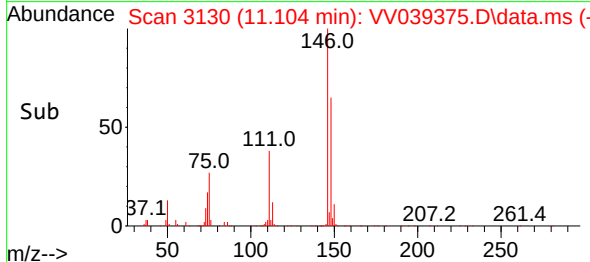
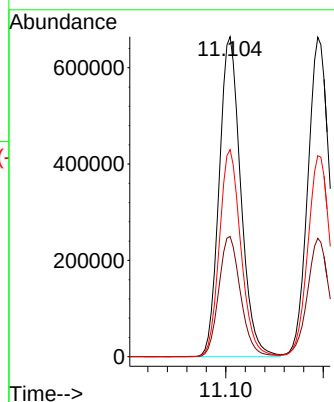
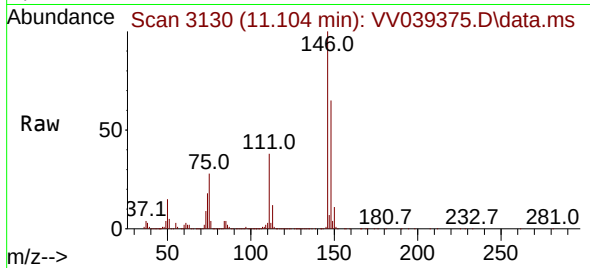




#87
 1,3-Dichlorobenzene
 Concen: 50.197 ug/l
 RT: 11.104 min Scan# 3129
 Delta R.T. 0.003 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

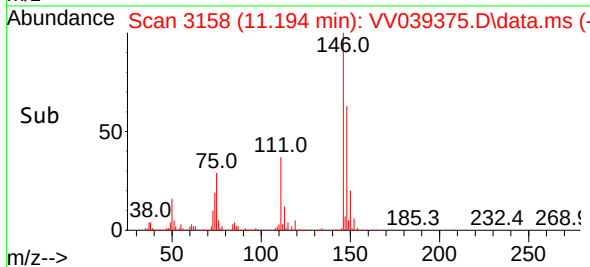
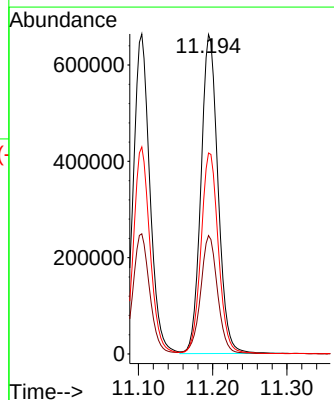
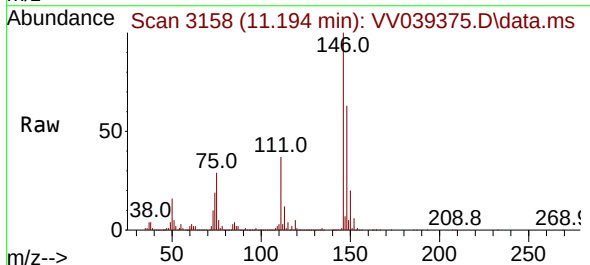
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

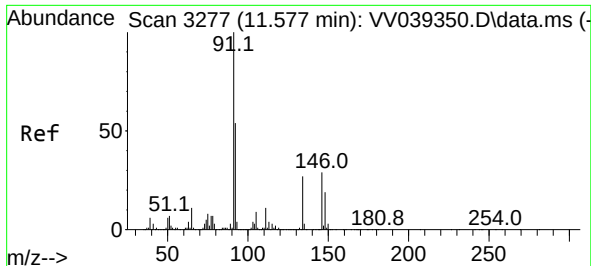
Tgt Ion:146 Resp: 1021233
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.4
 148 64.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.634 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039375.D
 Acq: 13 Nov 2025 11:21

Tgt Ion:146 Resp: 1056625
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 56.870 ug/l

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

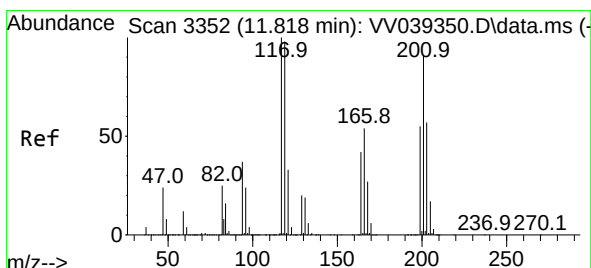
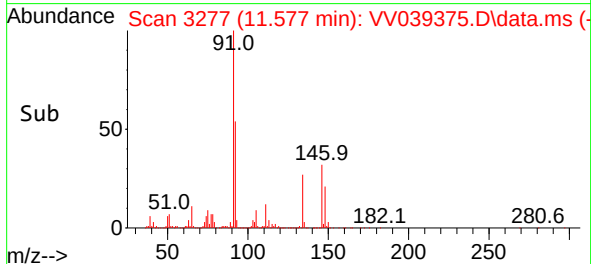
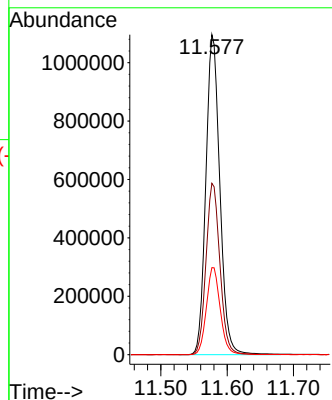
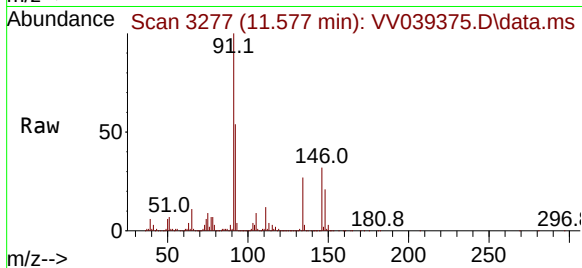
Tgt Ion: 91 Resp: 1602536

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 47.232 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039375.D

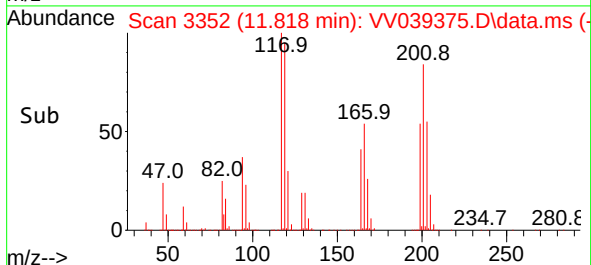
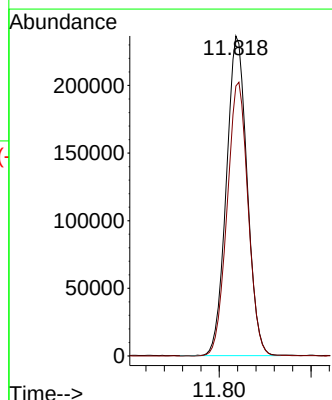
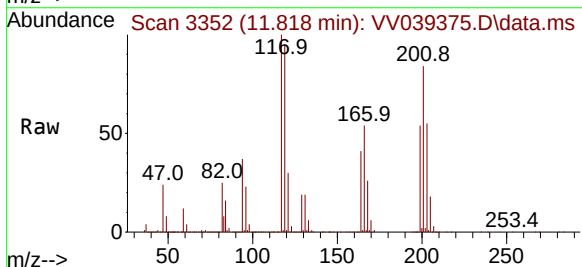
Acq: 13 Nov 2025 11:21

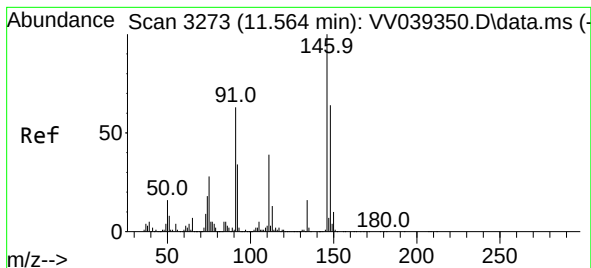
Tgt Ion: 117 Resp: 371974

Ion Ratio Lower Upper

117 100

201 86.4 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 49.729 ug/l

RT: 11.564 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

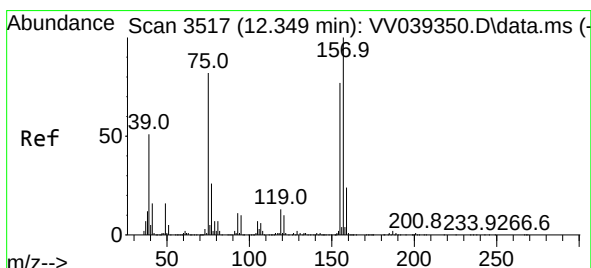
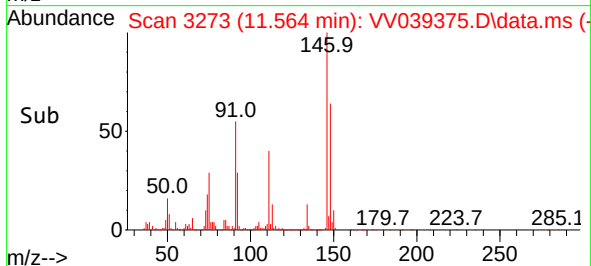
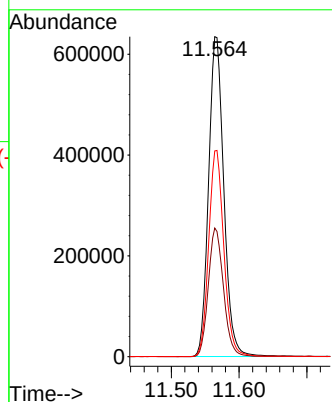
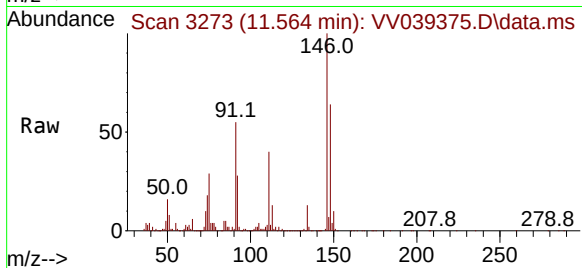
Tgt Ion:146 Resp: 990109

Ion Ratio Lower Upper

146 100

111 40.0 19.5 58.5

148 64.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.171 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

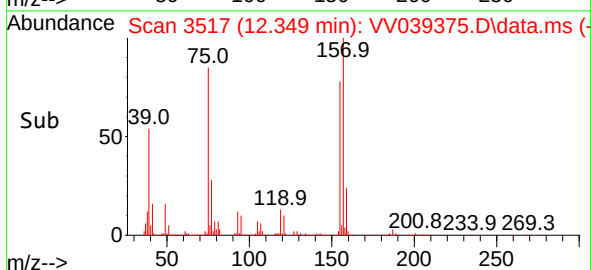
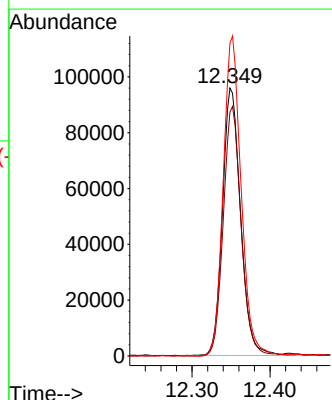
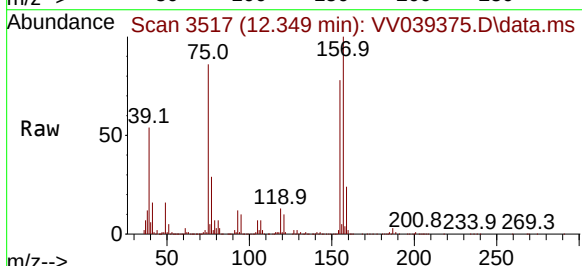
Tgt Ion: 75 Resp: 154379

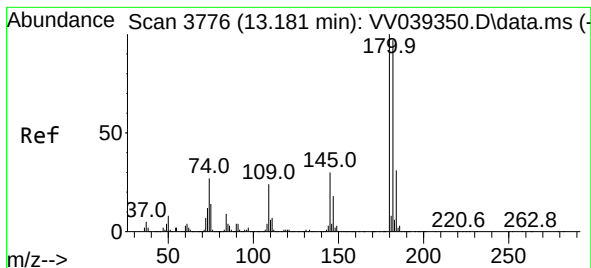
Ion Ratio Lower Upper

75 100

155 92.5 47.0 141.2

157 118.6 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 57.374 ug/l

RT: 13.185 min Scan# 3776

Delta R.T. 0.003 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

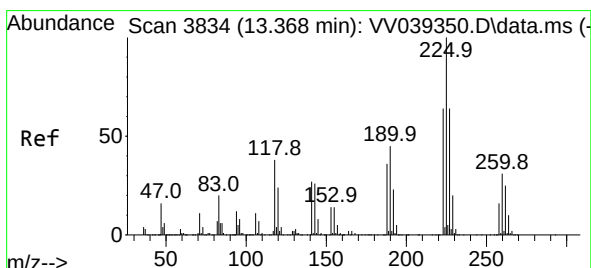
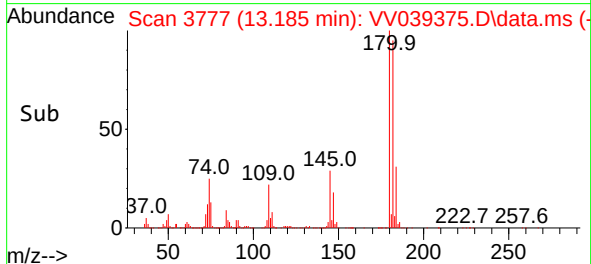
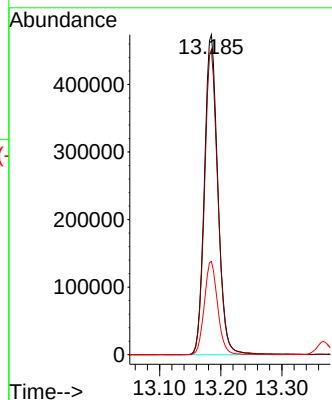
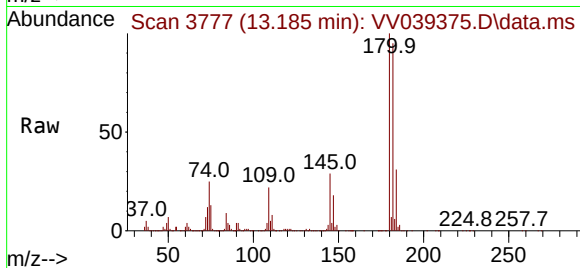
Tgt Ion:180 Resp: 724745

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.5

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.064 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

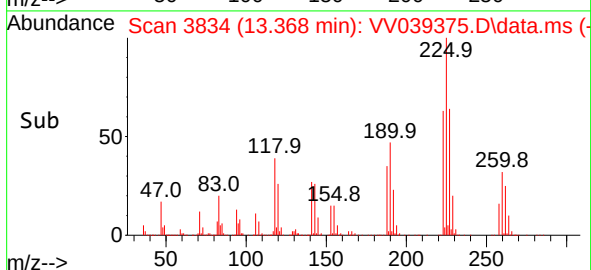
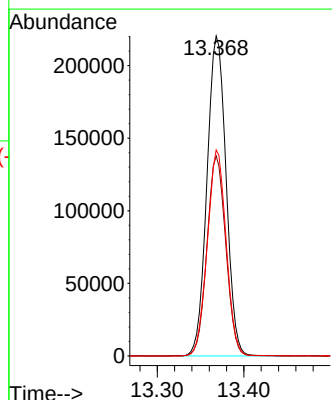
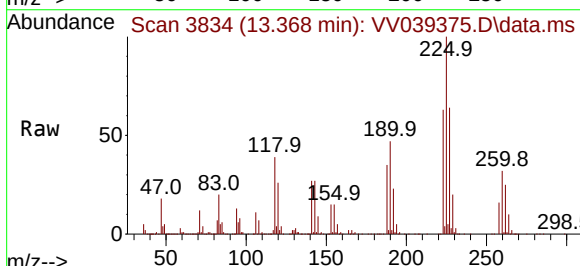
Tgt Ion:225 Resp: 337326

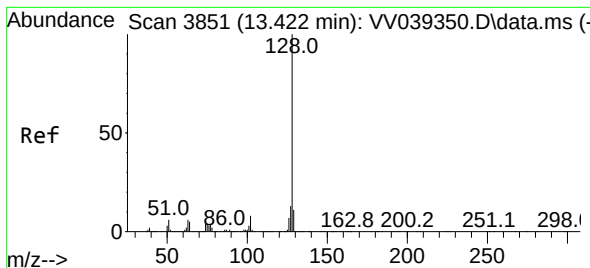
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.5

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 62.598 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

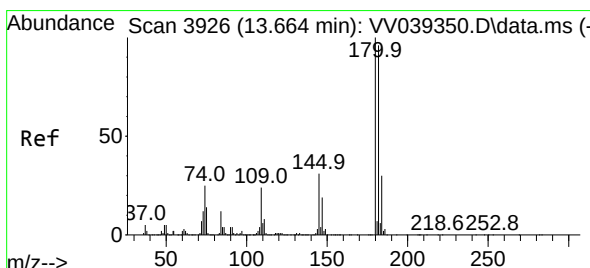
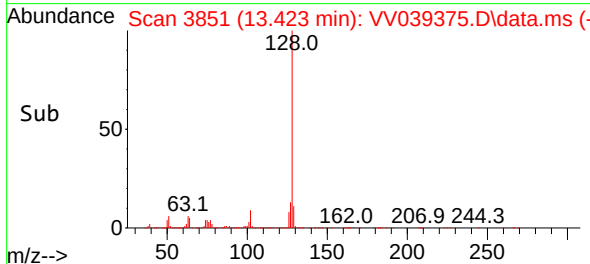
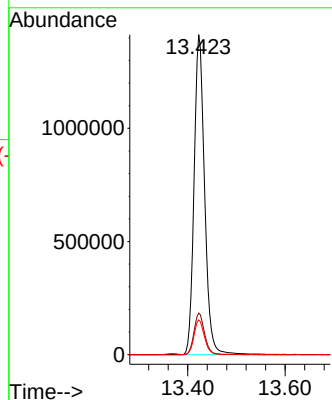
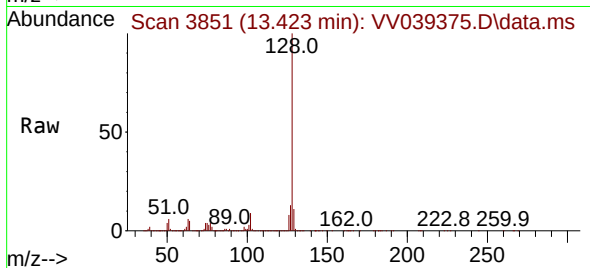
Tgt Ion:128 Resp: 2119192

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 55.842 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039375.D

Acq: 13 Nov 2025 11:21

Tgt Ion:180 Resp: 727735

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 30.8 15.3 45.9

