

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039291.D
 Acq On : 21 Oct 2025 09:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 04:33:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	654645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	949759	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	944570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	596600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	454046	48.811	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	97.620%
35) Dibromofluoromethane	4.497	113	414428	55.379	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	110.760%
50) Toluene-d8	7.233	98	1406382	55.243	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	110.480%
62) 4-Bromofluorobenzene	9.998	95	547009	60.332	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	120.660%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	404797	48.923	ug/l	99
3) Chloromethane	1.230	50	395167	45.872	ug/l	99
4) Vinyl Chloride	1.298	62	439478	44.718	ug/l	100
5) Bromomethane	1.490	94	289371	45.381	ug/l	99
6) Chloroethane	1.558	64	283335	52.325	ug/l	100
7) Trichlorofluoromethane	1.725	101	696971	46.422	ug/l	99
8) Diethyl Ether	1.918	74	245090	45.174	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	428204	47.631	ug/l	99
10) Methyl Iodide	2.195	142	439612	56.757	ug/l	99
11) Tert butyl alcohol	2.564	59	360112	199.760	ug/l	99
12) 1,1-Dichloroethene	2.082	96	402158	45.560	ug/l	96
13) Acrolein	2.008	56	190223	180.555	ug/l	99
14) Allyl chloride	2.355	41	614193	43.893	ug/l	99
15) Acrylonitrile	2.670	53	1117951	209.116	ug/l	100
16) Acetone	2.114	43	1172102	272.072	ug/l	100
17) Carbon Disulfide	2.252	76	1077676	43.224	ug/l	99
18) Methyl Acetate	2.378	43	662827	54.989	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	1220844	45.950	ug/l	100
20) Methylene Chloride	2.455	84	441764	53.674	ug/l	96
21) trans-1,2-Dichloroethene	2.699	96	420780	45.274	ug/l	98
22) Diisopropyl ether	3.211	45	1215250	48.372	ug/l	93
23) Vinyl Acetate	3.185	43	4864449	220.555	ug/l	99
24) 1,1-Dichloroethane	3.114	63	753160	44.748	ug/l	99
25) 2-Butanone	3.860	43	1355917	238.349	ug/l	98
26) 2,2-Dichloropropane	3.809	77	634734	46.822	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	432683	46.497	ug/l	100
28) Bromochloromethane	4.143	49	348630	48.585	ug/l	99
29) Tetrahydrofuran	4.230	42	834521	229.432	ug/l	100
30) Chloroform	4.275	83	793107	46.208	ug/l	99
31) Cyclohexane	4.580	56	572057	46.664	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	706758	47.095	ug/l	99
36) 1,1-Dichloropropene	4.741	75	495076	52.672	ug/l	98
37) Ethyl Acetate	3.969	43	493640	44.861	ug/l	99
38) Carbon Tetrachloride	4.731	117	612342	53.474	ug/l	98
39) Methylcyclohexane	6.043	83	602436	56.081	ug/l	99
40) Benzene	5.005	78	1604959	53.214	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	230078	48.925	ug/l	98
42) 1,2-Dichloroethane	5.034	62	533741	50.423	ug/l	100
43) Isopropyl Acetate	5.188	43	751273	52.150	ug/l	100
44) Trichloroethene	5.828	130	390078	51.431	ug/l	99
45) 1,2-Dichloropropane	6.085	63	413149	56.294	ug/l	99
46) Dibromomethane	6.220	93	314054	51.196	ug/l	98
47) Bromodichloromethane	6.423	83	645967	53.443	ug/l	98
48) Methyl methacrylate	6.291	41	353066	52.902	ug/l	98
49) 1,4-Dioxane	6.288	88	120791	1087.982	ug/l	94
51) 4-Methyl-2-Pentanone	7.143	43	2697252	269.870	ug/l	100
52) Toluene	7.304	92	1043904	57.323	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	588995	55.757	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	658946	56.108	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	437803	53.242	ug/l	99
56) Ethyl methacrylate	7.712	69	552436	59.299	ug/l	100
57) 1,3-Dichloropropane	7.931	76	680616	54.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1666682	294.099	ug/l	99
59) 2-Hexanone	8.059	43	2041094	278.173	ug/l	100
60) Dibromochloromethane	8.165	129	527523	54.867	ug/l	99
61) 1,2-Dibromoethane	8.271	107	464776	54.282	ug/l	100
64) Tetrachloroethene	7.895	164	363120	52.700	ug/l	99
65) Chlorobenzene	8.802	112	1146123	51.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	440601	52.604	ug/l	99
67) Ethyl Benzene	8.934	91	1880992	57.107	ug/l	99
68) m/p-Xylenes	9.059	106	1579327	120.892	ug/l	100
69) o-Xylene	9.468	106	683952	59.284	ug/l	98
70) Styrene	9.484	104	1325725	64.582	ug/l	99
71) Bromoform	9.651	173	374457	55.283	ug/l #	99
73) Isopropylbenzene	9.853	105	1944033	53.661	ug/l	100
74) N-amyl acetate	9.722	43	682905	45.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	701235	42.148	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	511173	42.929	ug/l	99
77) Bromobenzene	10.140	156	493365	49.538	ug/l	98
78) n-propylbenzene	10.275	91	2362004	53.732	ug/l	99
79) 2-Chlorotoluene	10.345	91	1420396	52.335	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1686808	55.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	230341	48.854	ug/l	98
82) 4-Chlorotoluene	10.461	91	1692573	54.257	ug/l	100
83) tert-Butylbenzene	10.789	119	1585644	52.556	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1677030	56.066	ug/l	100
85) sec-Butylbenzene	11.011	105	2081706	54.571	ug/l	100
86) p-Isopropyltoluene	11.165	119	1779070	54.243	ug/l	100
87) 1,3-Dichlorobenzene	11.101	146	987659	49.719	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1025488	46.127	ug/l	99
89) n-Butylbenzene	11.577	91	1670322	54.687	ug/l	100
90) Hexachloroethane	11.818	117	382867	47.209	ug/l	98
91) 1,2-Dichlorobenzene	11.564	146	909650	48.138	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	141509	41.366	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	561866	53.313	ug/l	99
94) Hexachlorobutadiene	13.368	225	258265	48.395	ug/l	100
95) Naphthalene	13.422	128	1877172	54.365	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	577108	52.687	ug/l	99

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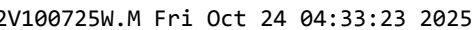
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MSVOA_V
ClientSampleId :
VSTDCCC050

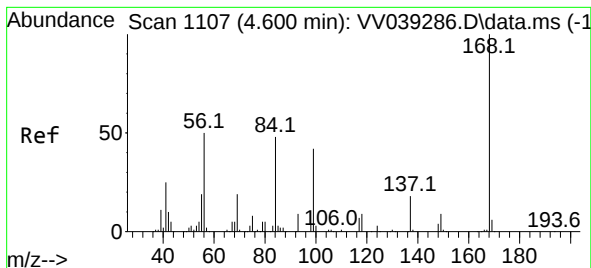
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QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

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: 4.593 min Scan# 11

Delta R.T. -0.007 min

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Instrument :

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ClientSampleId :

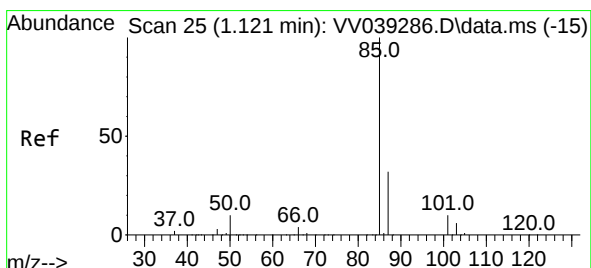
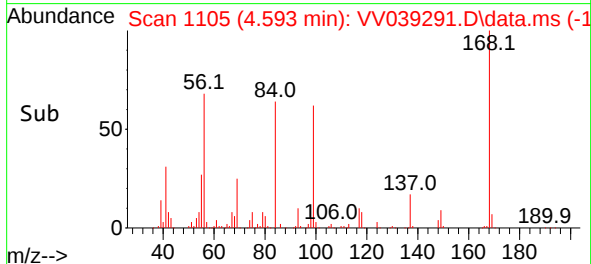
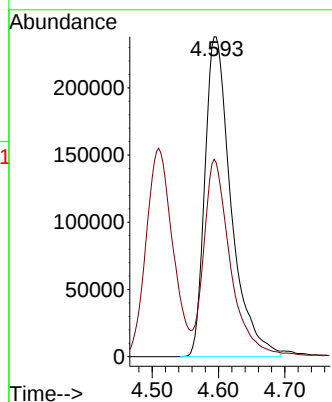
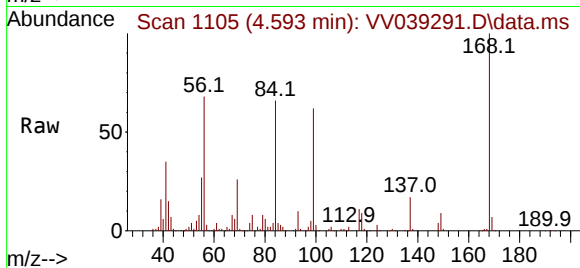
VSTDCCC050

Tgt Ion:168 Resp: 654645

Ion Ratio Lower Upper

168 100

99 60.4 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 48.923 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039291.D

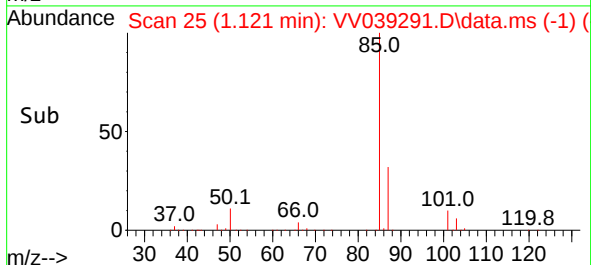
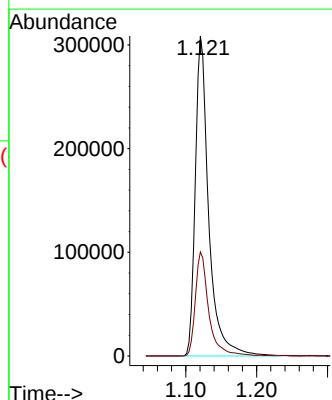
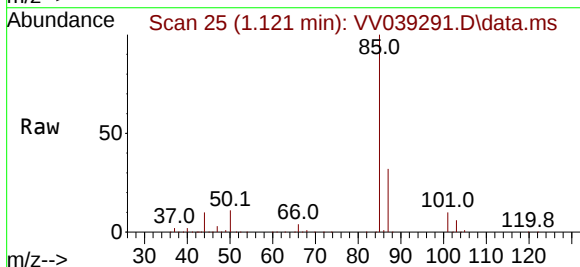
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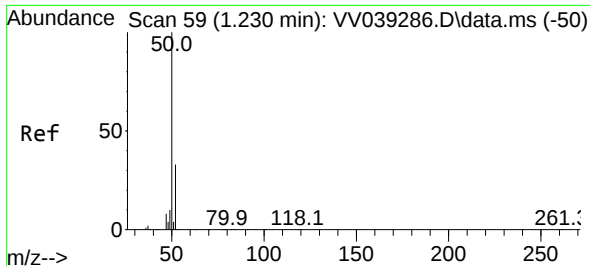
Tgt Ion: 85 Resp: 404797

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2

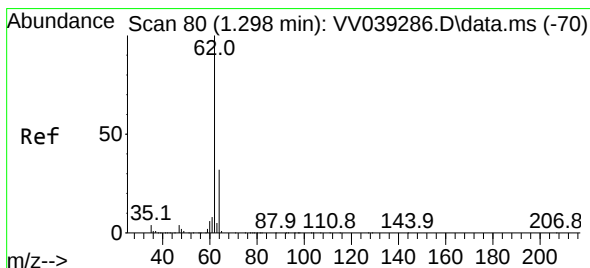
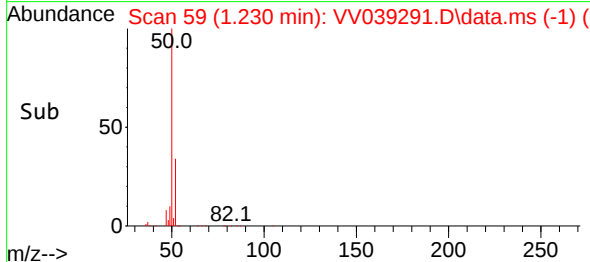
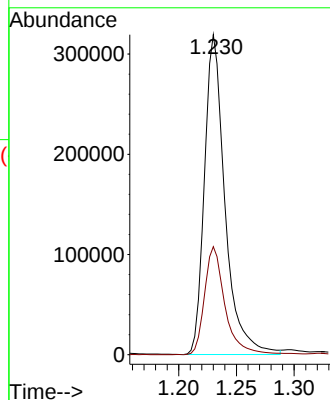
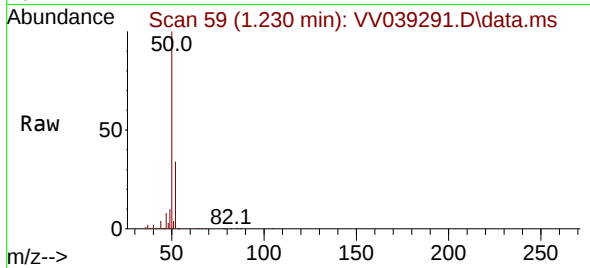




#3
Chloromethane
Concen: 45.872 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

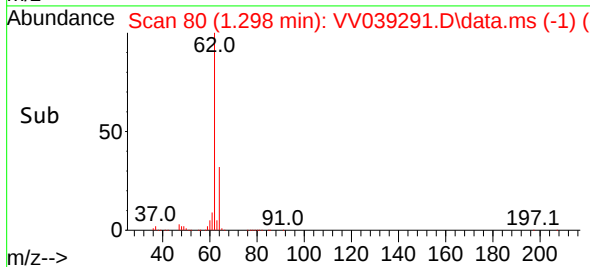
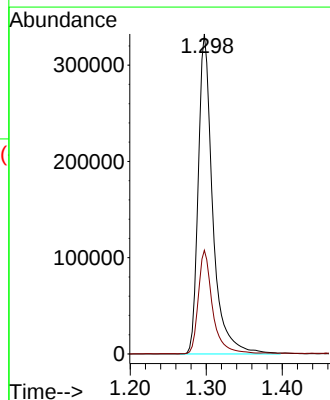
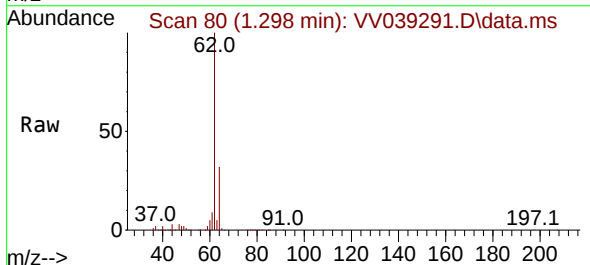
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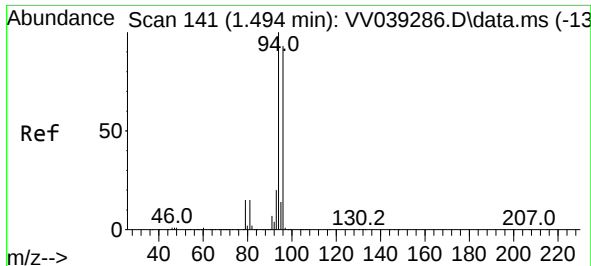
Tgt Ion: 50 Resp: 395167
Ion Ratio Lower Upper
50 100
52 33.7 26.6 39.8



#4
Vinyl Chloride
Concen: 44.718 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 62 Resp: 439478
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6

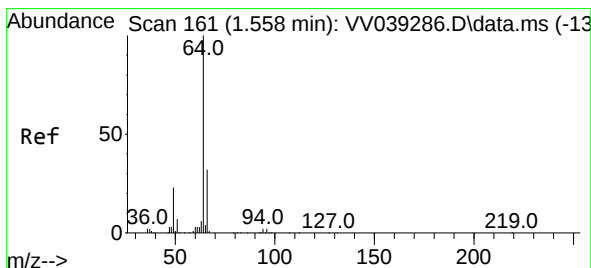
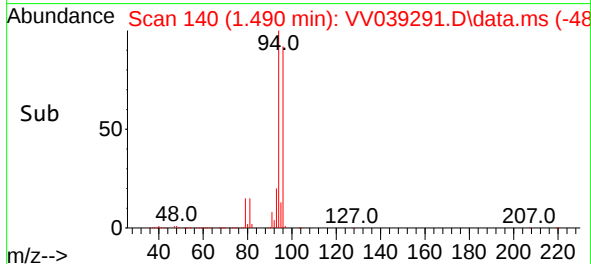
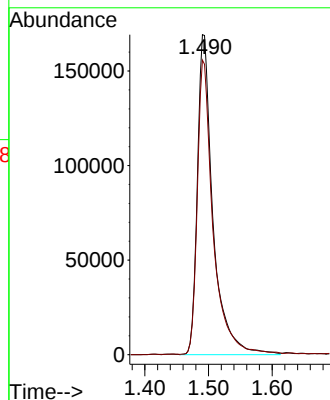
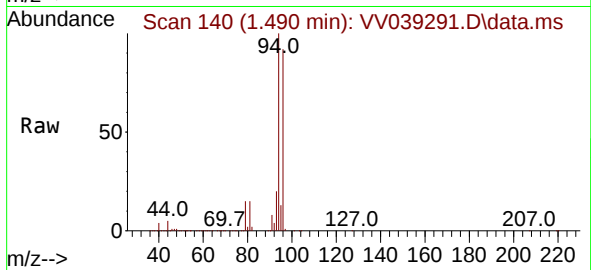




#5
Bromomethane
Concen: 45.381 ug/l
RT: 1.490 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV039291.D
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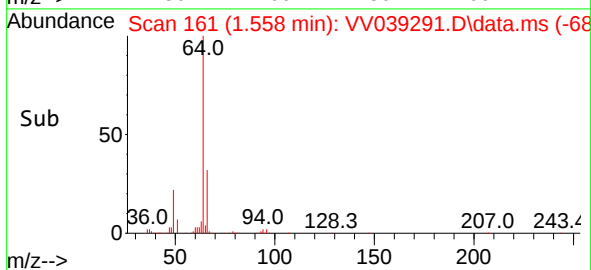
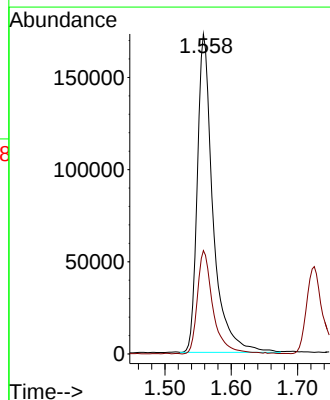
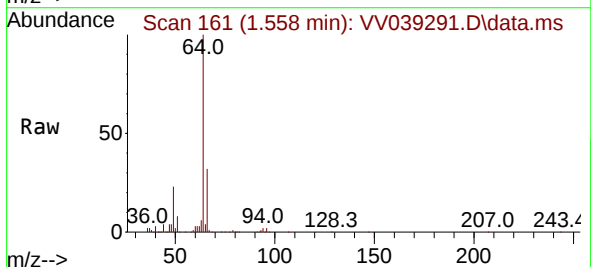
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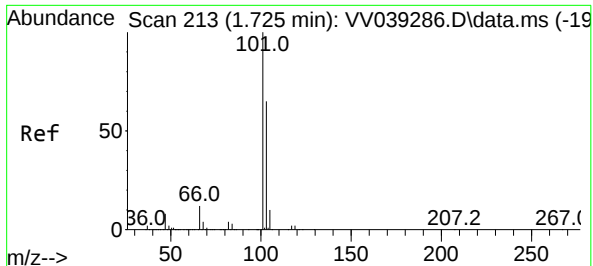
Tgt Ion: 94 Resp: 289371
Ion Ratio Lower Upper
94 100
96 91.9 74.2 111.2



#6
Chloroethane
Concen: 52.325 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 64 Resp: 283335
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5

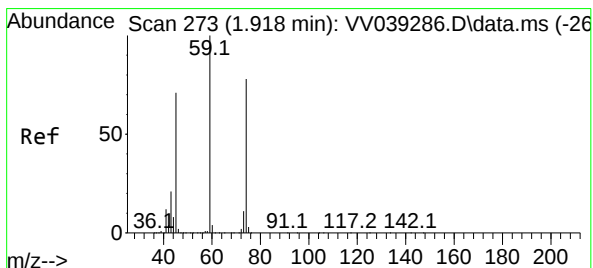
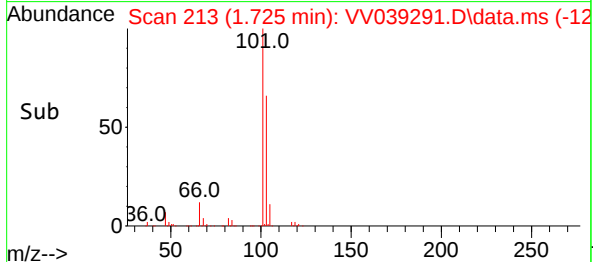
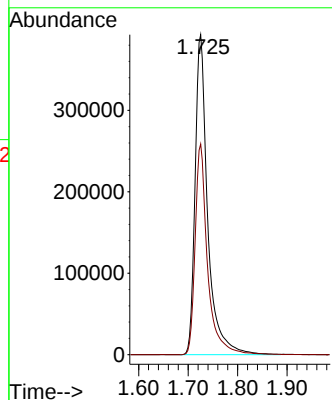
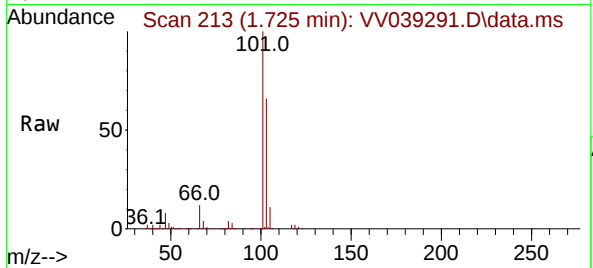




#7
Trichlorofluoromethane
Concen: 46.422 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

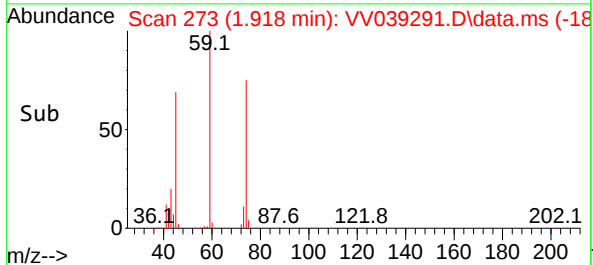
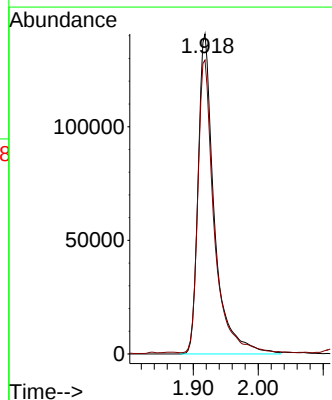
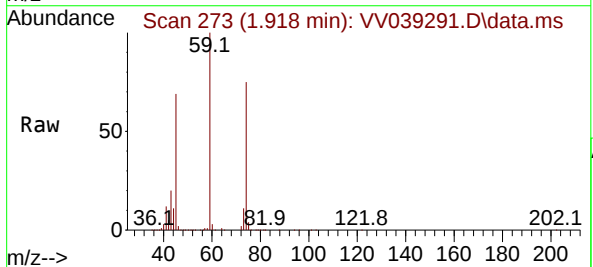
Instrument :
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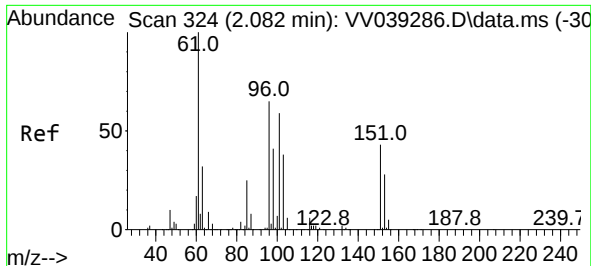
Tgt Ion:101 Resp: 696971
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0



#8
Diethyl Ether
Concen: 45.174 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039291.D
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Tgt Ion: 74 Resp: 245090
Ion Ratio Lower Upper
74 100
45 91.8 45.9 137.7

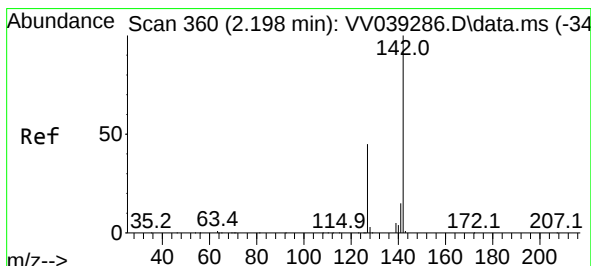
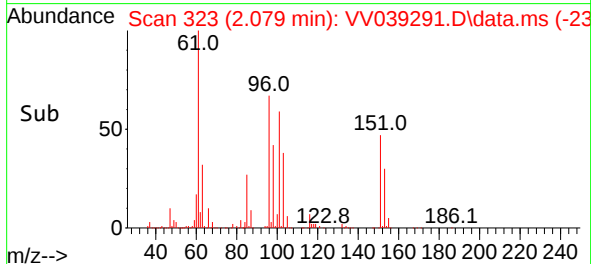
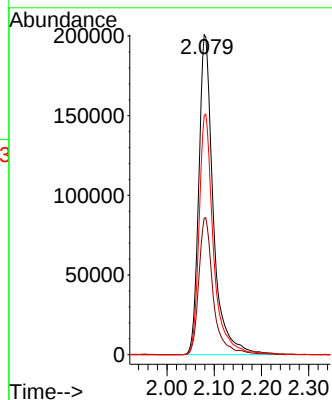
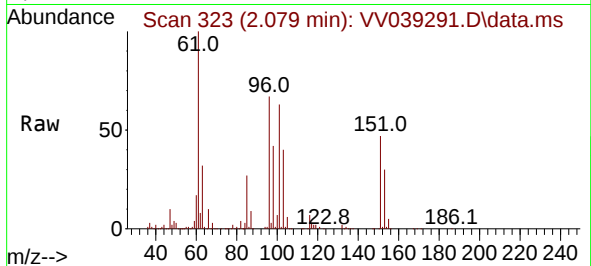




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.631 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

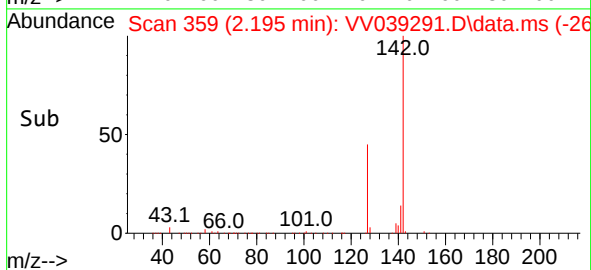
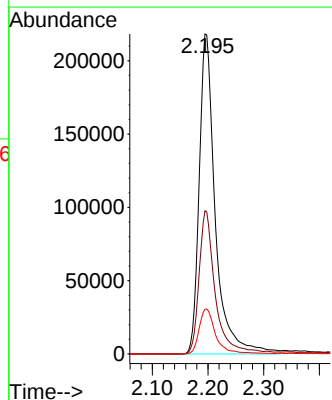
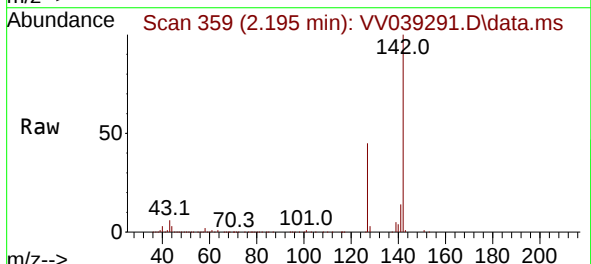
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

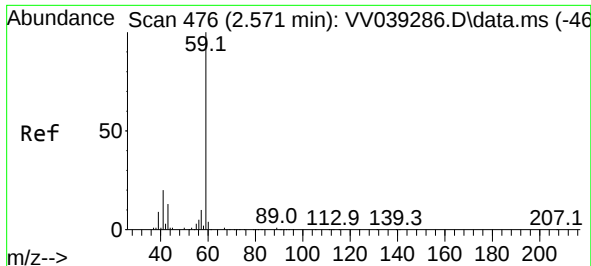
Tgt Ion:101 Resp: 428204
Ion Ratio Lower Upper
101 100
85 42.7 34.0 51.0
151 74.8 58.5 87.7



#10
Methyl Iodide
Concen: 56.757 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:142 Resp: 439612
Ion Ratio Lower Upper
142 100
127 44.8 35.5 53.3
141 14.6 11.5 17.3

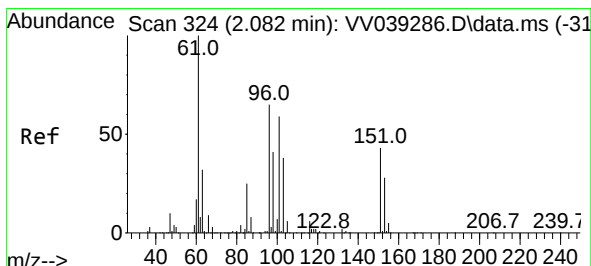
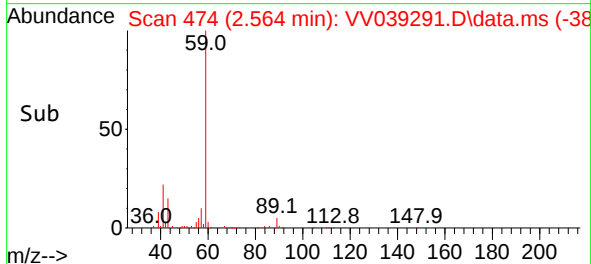
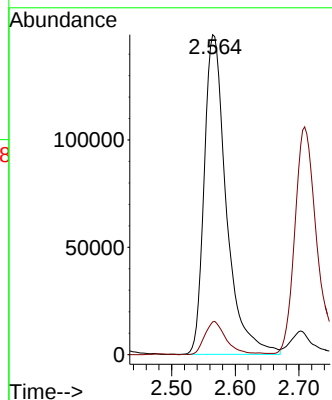
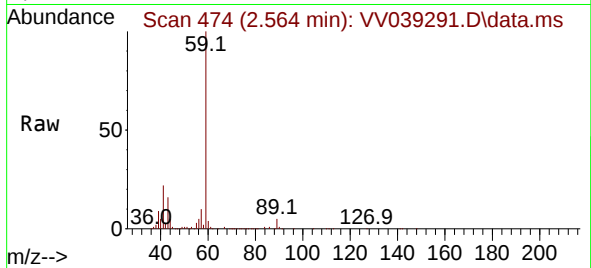




#11
Tert butyl alcohol
Concen: 199.760 ug/l
RT: 2.564 min Scan# 411
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

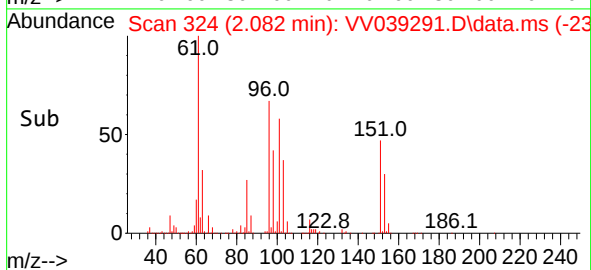
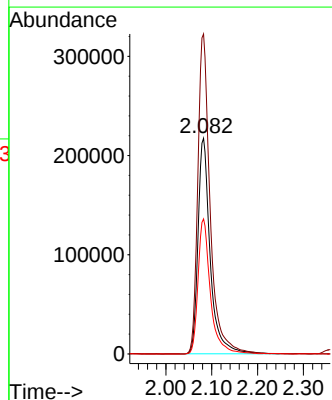
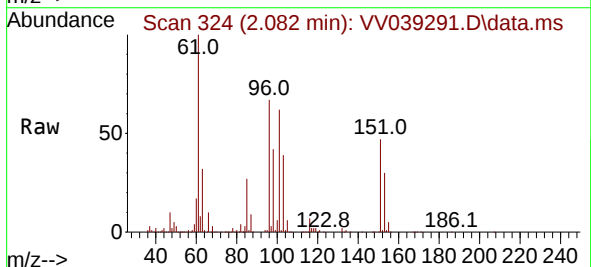
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

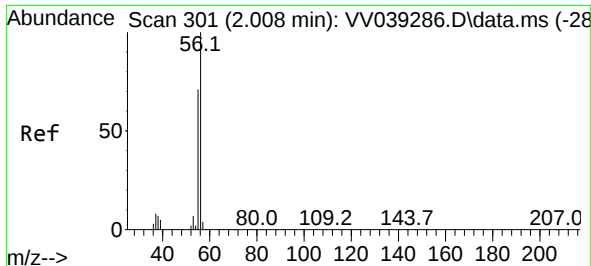
Tgt Ion: 59 Resp: 360112
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 45.560 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 96 Resp: 402158
Ion Ratio Lower Upper
96 100
61 148.4 123.6 185.4
98 62.6 51.1 76.7

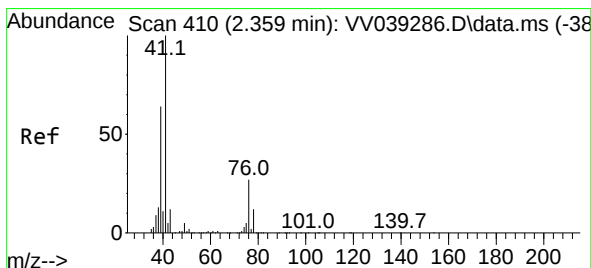
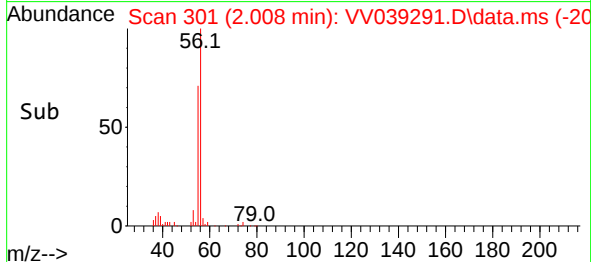
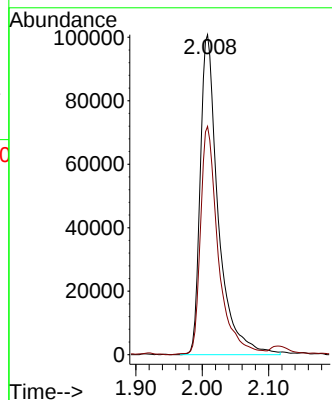
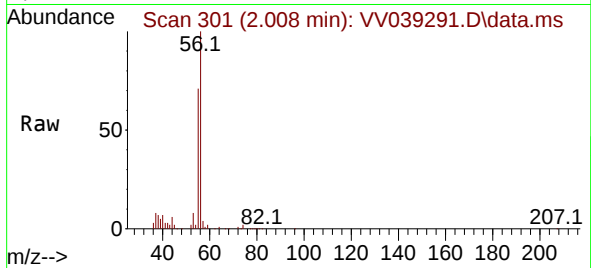




#13
Acrolein
Concen: 180.555 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

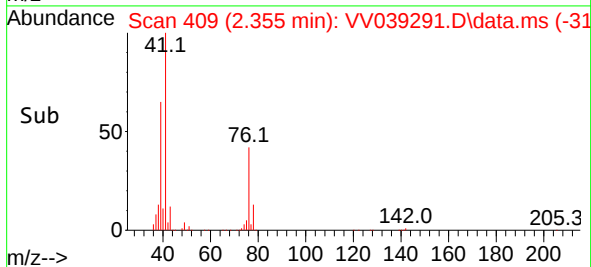
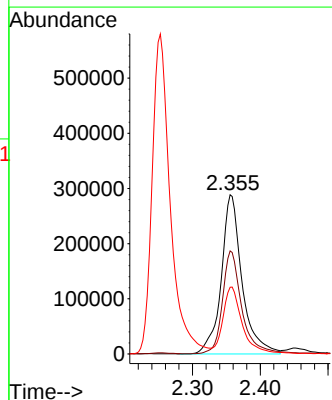
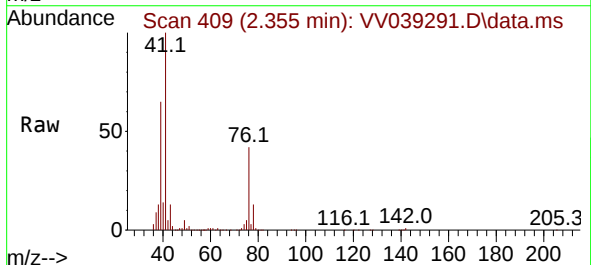
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

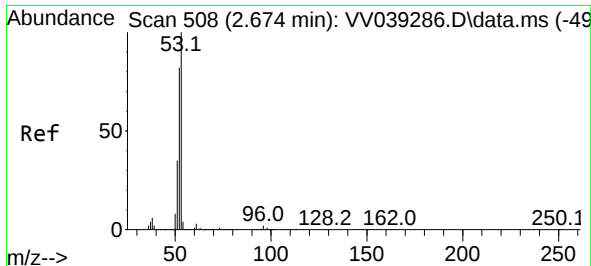
Tgt Ion: 56 Resp: 190223
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4



#14
Allyl chloride
Concen: 43.893 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 41 Resp: 614193
Ion Ratio Lower Upper
41 100
39 60.2 47.8 71.6
76 38.5 30.2 45.2

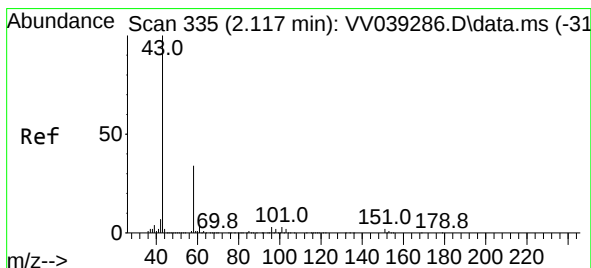
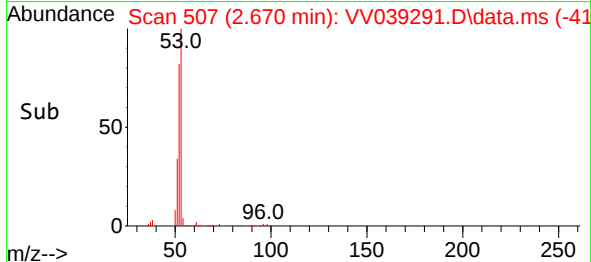
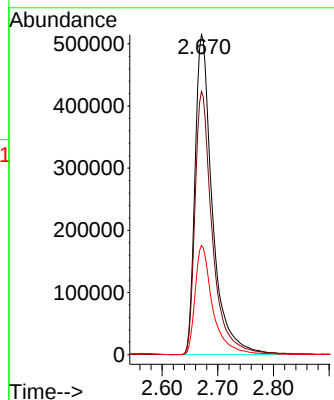
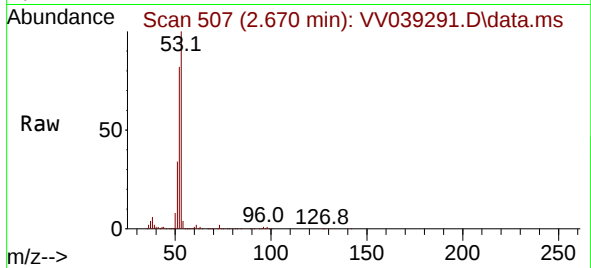




#15
Acrylonitrile
Concen: 209.116 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

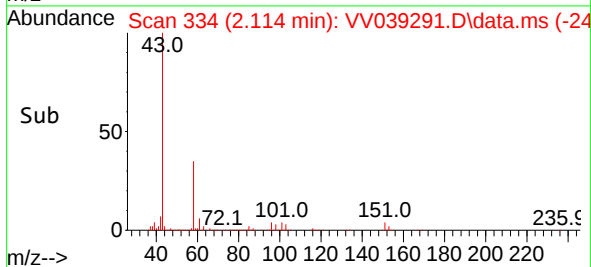
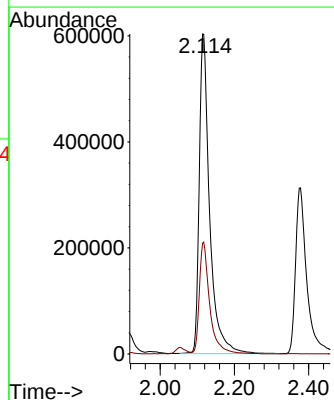
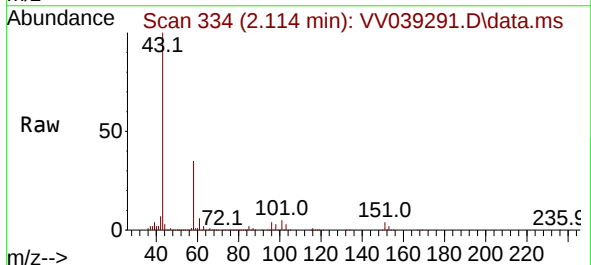
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

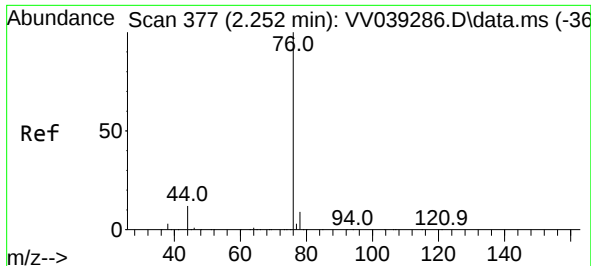
Tgt Ion: 53 Resp: 1117951
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.6
51 34.6 27.9 41.9



#16
Acetone
Concen: 272.072 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 43 Resp: 1172102
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3

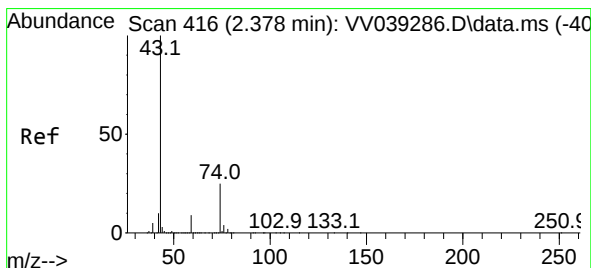
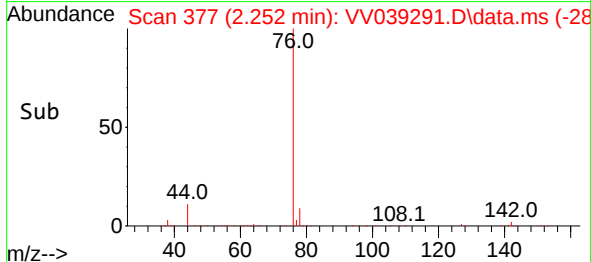
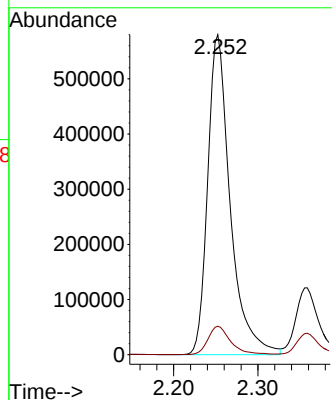
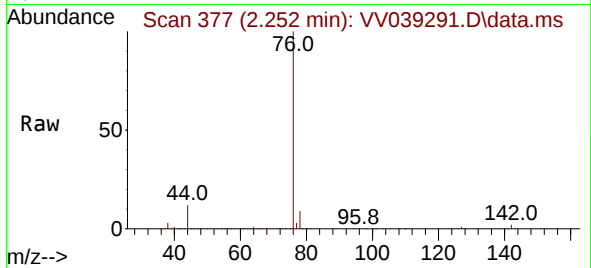




#17
Carbon Disulfide
Concen: 43.224 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

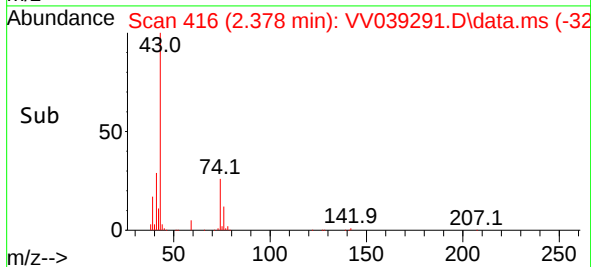
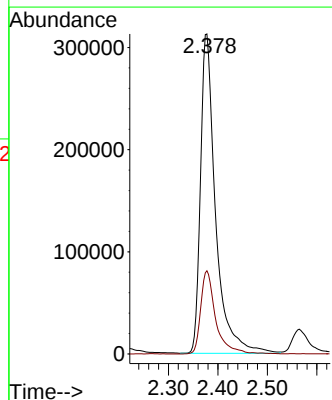
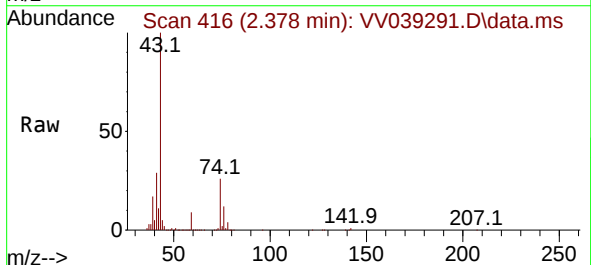
Instrument :
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ClientSampleId :
VSTDCCC050

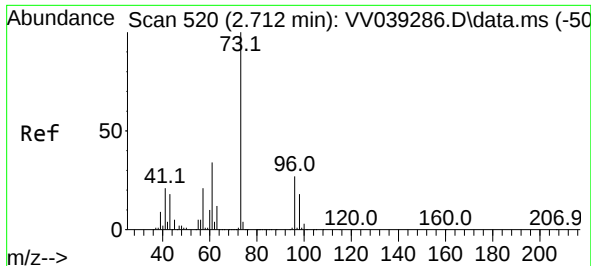
Tgt Ion: 76 Resp: 1077676
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 54.989 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 43 Resp: 662827
Ion Ratio Lower Upper
43 100
74 25.8 19.5 29.3

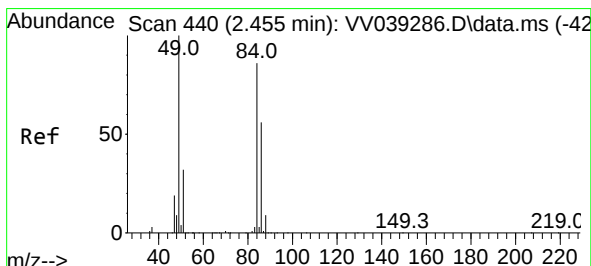
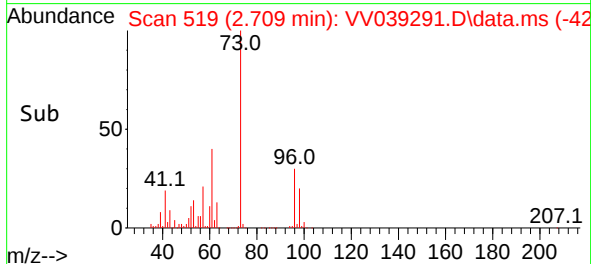
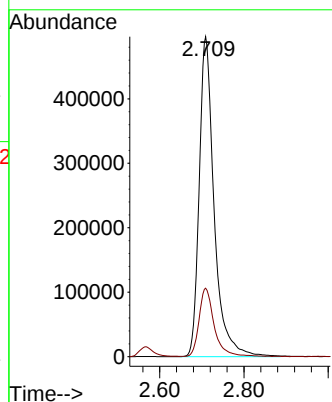
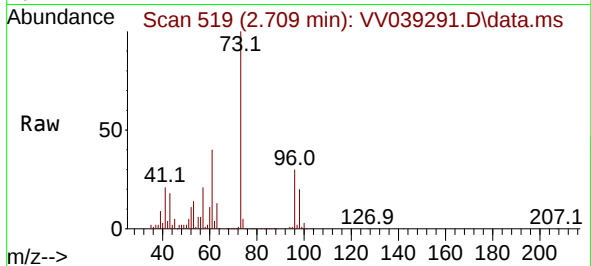




#19
Methyl tert-butyl Ether
Concen: 45.950 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

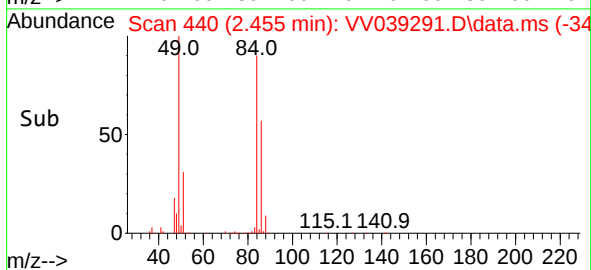
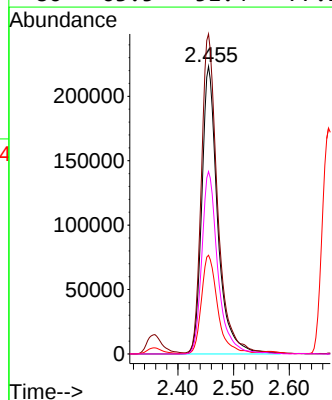
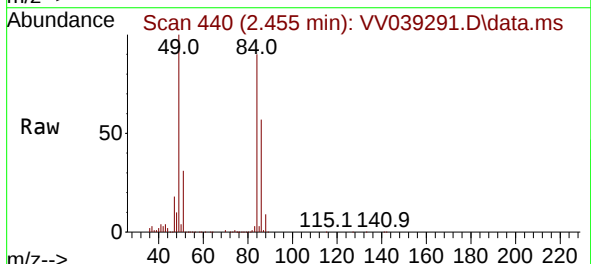
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

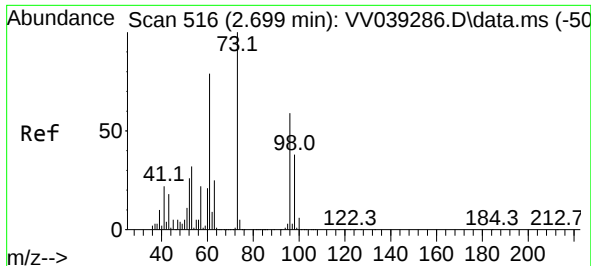
Tgt Ion: 73 Resp: 1220844
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 53.674 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 84 Resp: 441764
Ion Ratio Lower Upper
84 100
49 110.9 92.6 139.0
51 34.2 29.6 44.4
86 63.5 51.4 77.2

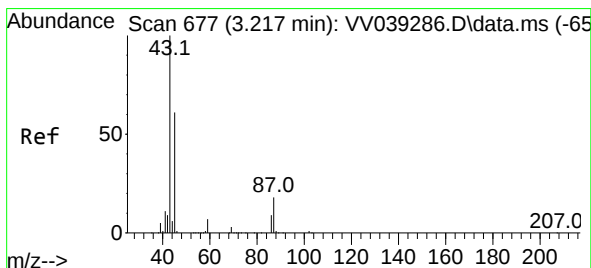
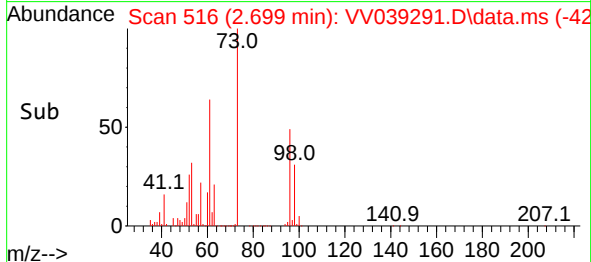
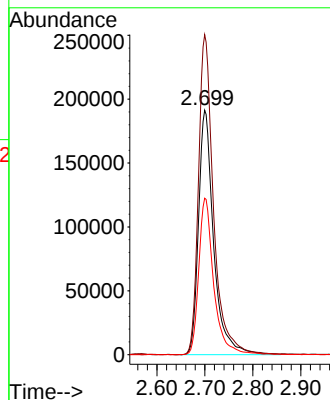
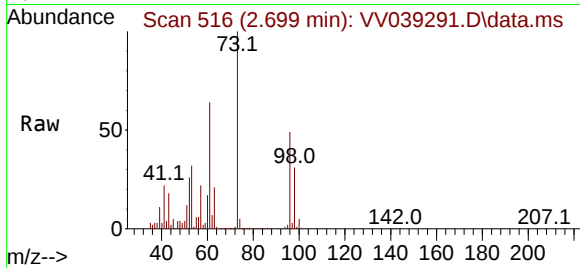




#21
trans-1,2-Dichloroethene
Concen: 45.274 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

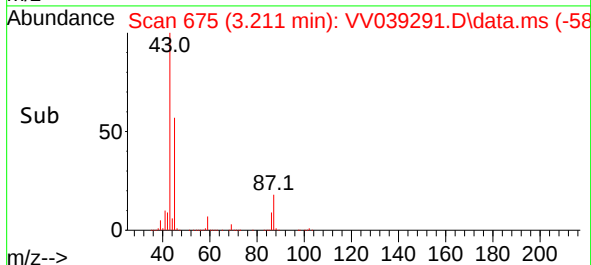
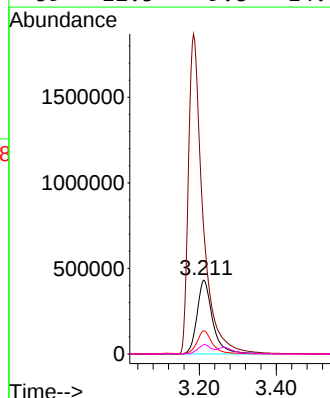
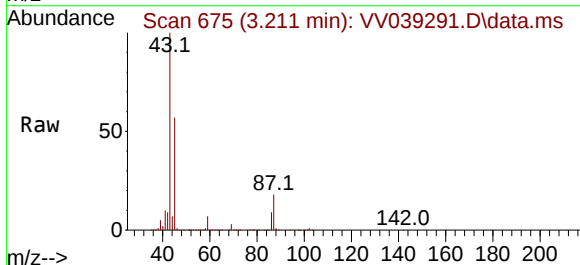
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

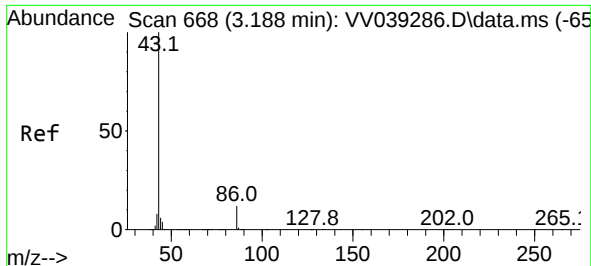
Tgt Ion: 96 Resp: 420780
Ion Ratio Lower Upper
96 100
61 130.8 106.8 160.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 48.372 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 45 Resp: 1215250
Ion Ratio Lower Upper
45 100
43 174.7 130.8 196.2
87 31.3 23.8 35.8
59 12.5 9.8 14.8

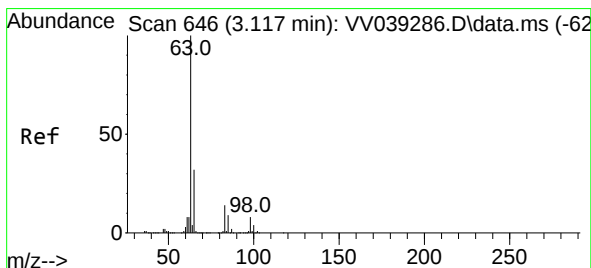
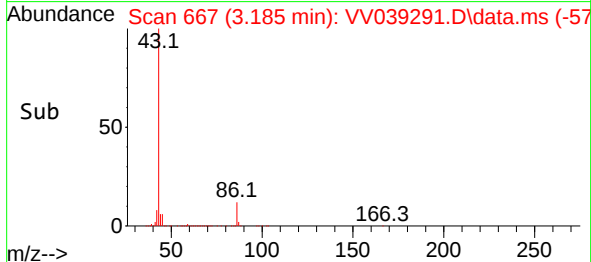
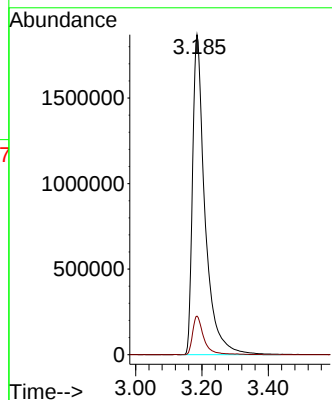
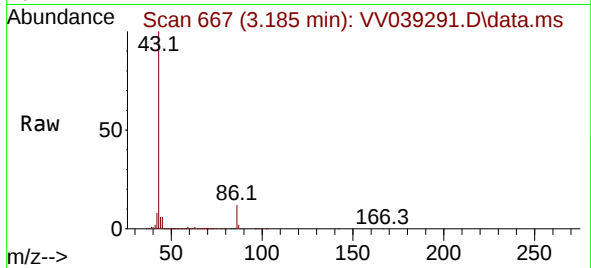




#23
 Vinyl Acetate
 Concen: 220.555 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

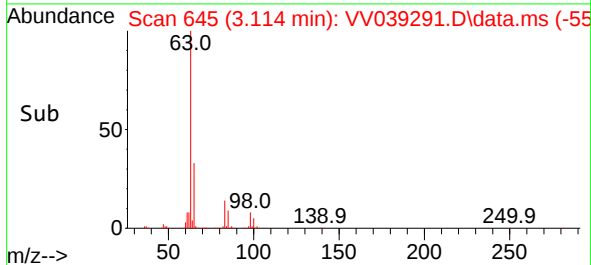
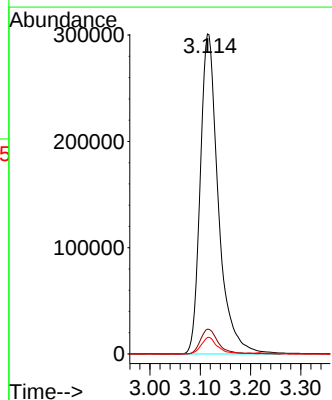
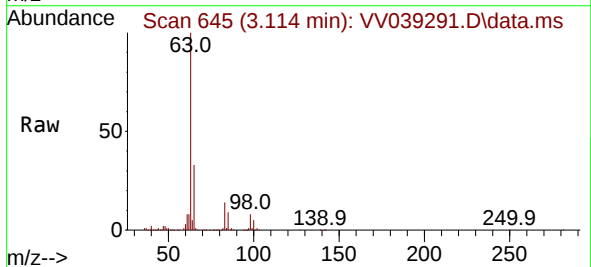
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

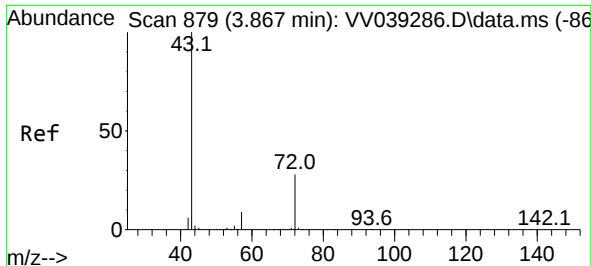
Tgt Ion: 43 Resp: 4864449
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 44.748 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

Tgt Ion: 63 Resp: 753160
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.0
 100 5.2 2.3 6.8

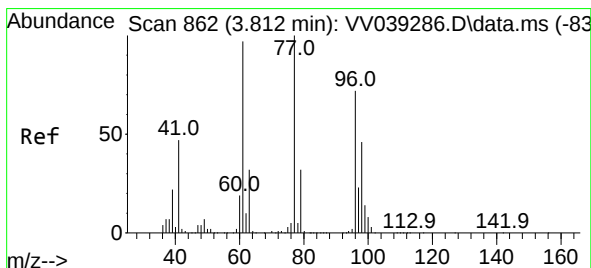
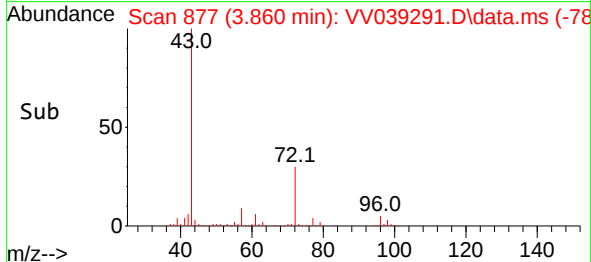
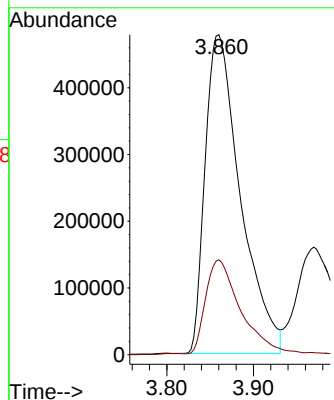
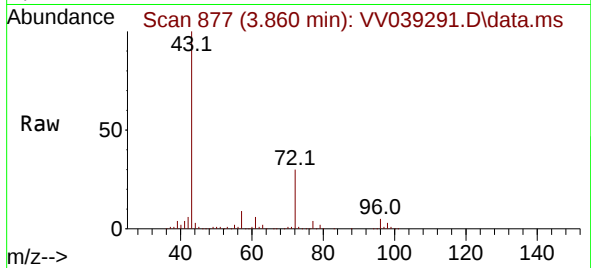




#25
2-Butanone
Concen: 238.349 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

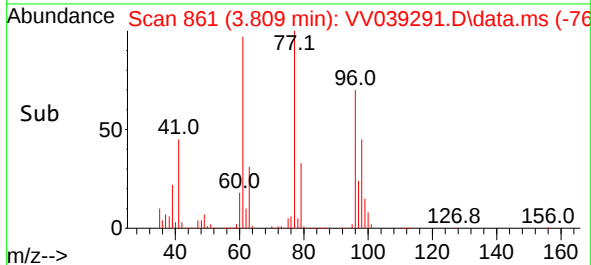
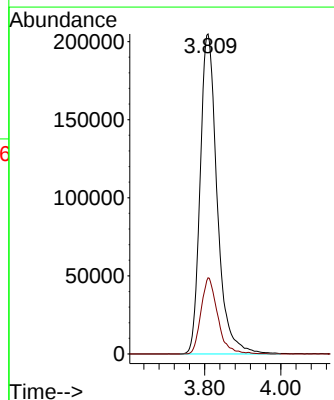
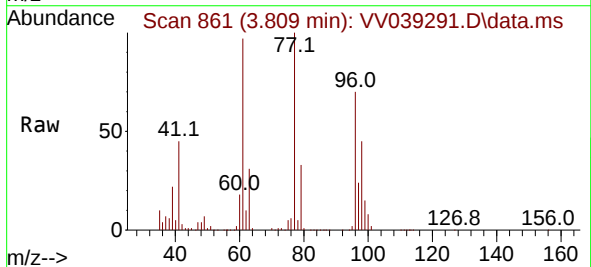
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

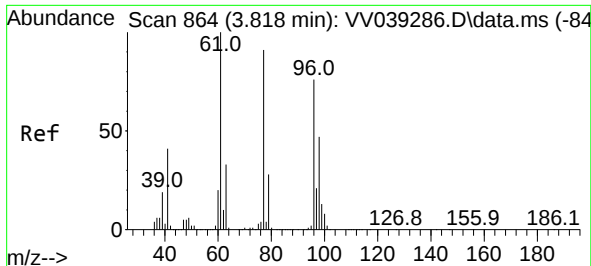
Tgt Ion: 43 Resp: 1355917
Ion Ratio Lower Upper
43 100
72 29.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 46.822 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 77 Resp: 634734
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 46.497 ug/l

RT: 3.815 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

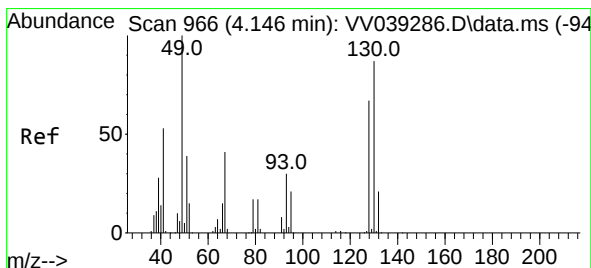
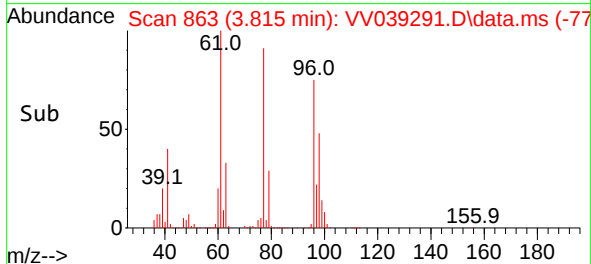
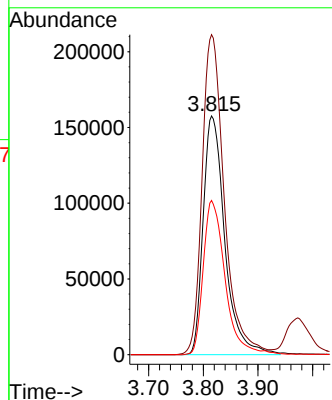
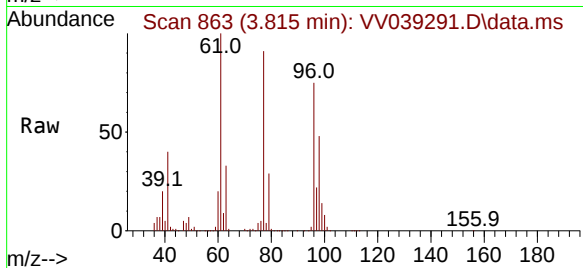
Tgt Ion: 96 Resp: 432683

Ion Ratio Lower Upper

96 100

61 137.4 0.0 275.0

98 64.4 0.0 127.8



#28

Bromochloromethane

Concen: 48.585 ug/l

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

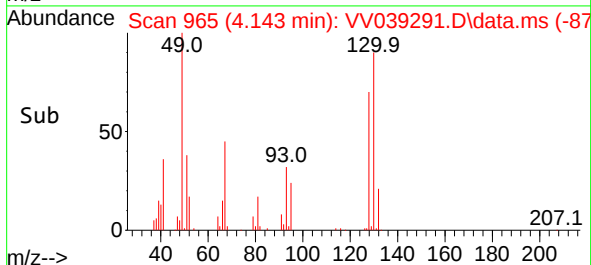
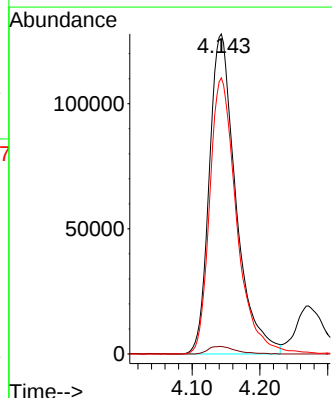
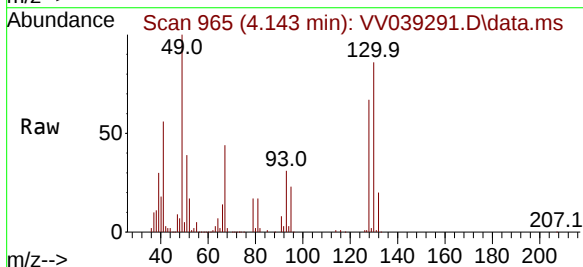
Tgt Ion: 49 Resp: 348630

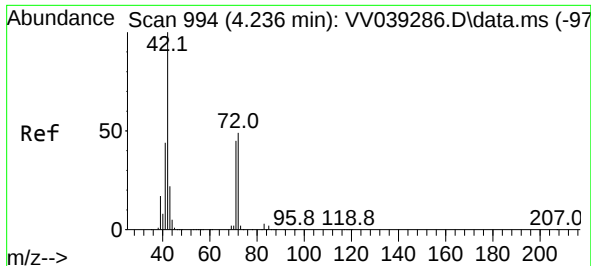
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 87.5 69.5 104.3





#29

Tetrahydrofuran

Concen: 229.432 ug/l

RT: 4.230 min Scan# 994

Delta R.T. -0.006 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

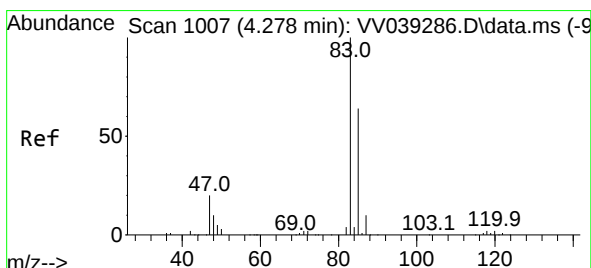
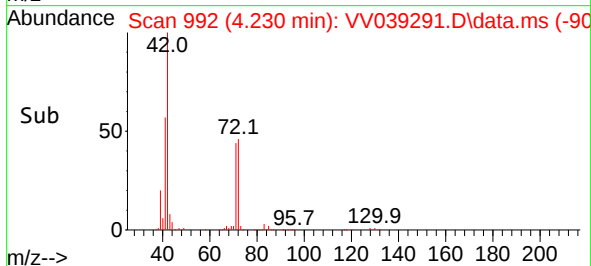
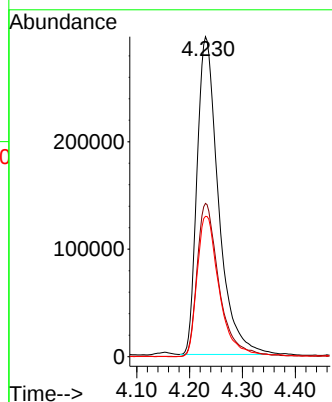
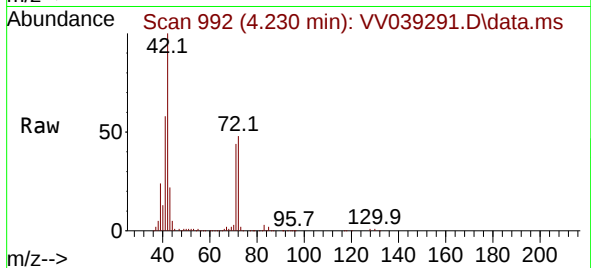
Tgt Ion: 42 Resp: 834521

Ion Ratio Lower Upper

42 100

72 49.5 39.8 59.8

71 45.7 36.5 54.7



#30

Chloroform

Concen: 46.208 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV039291.D

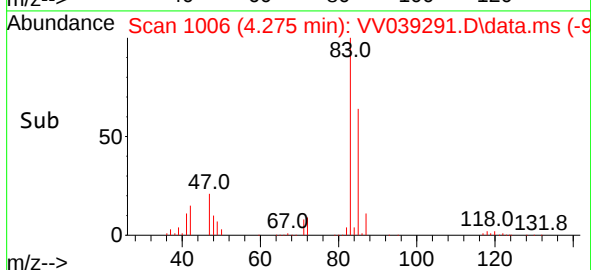
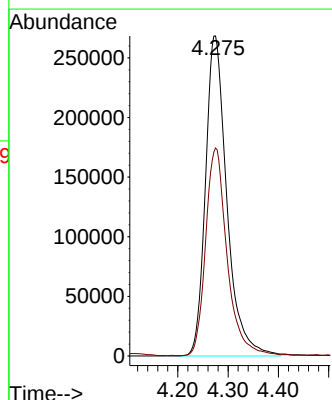
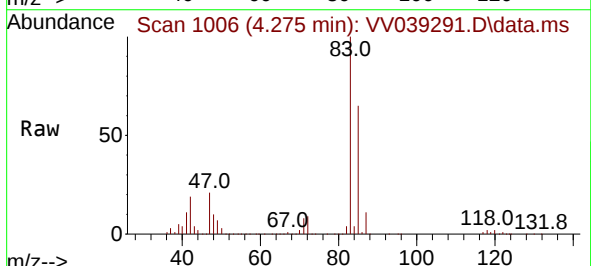
Acq: 21 Oct 2025 09:04

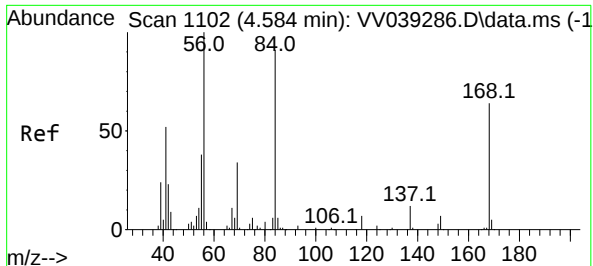
Tgt Ion: 83 Resp: 793107

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

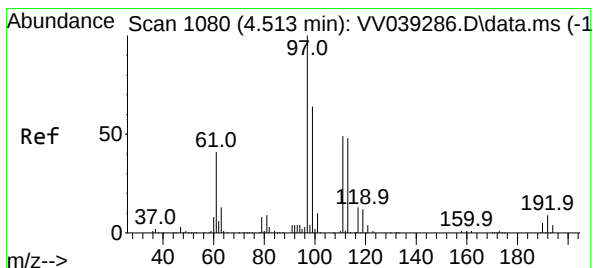
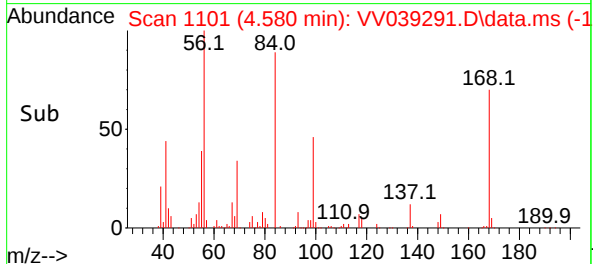
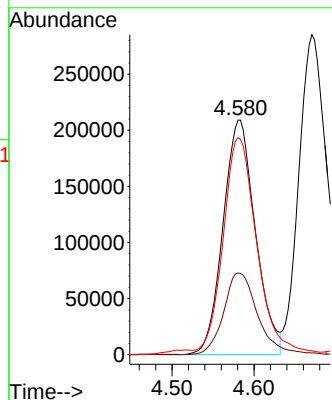
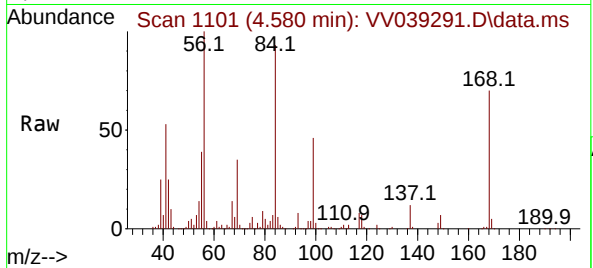




#31
Cyclohexane
Concen: 46.664 ug/l
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

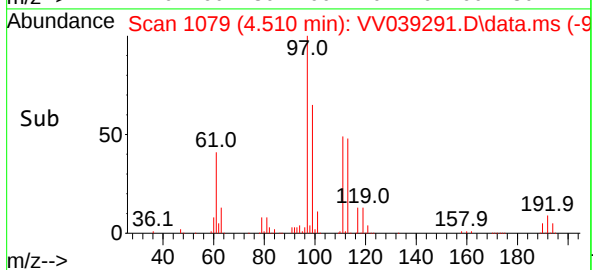
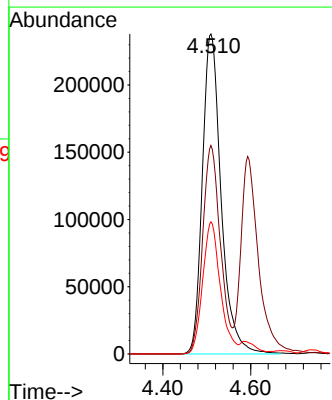
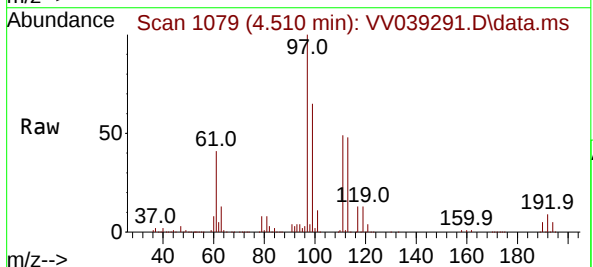
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

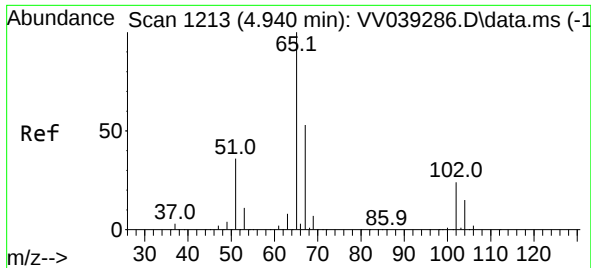
Tgt Ion: 56 Resp: 572057
Ion Ratio Lower Upper
56 100
69 34.8 27.4 41.0
84 90.7 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 47.095 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 97 Resp: 706758
Ion Ratio Lower Upper
97 100
99 61.1 48.6 72.8
61 39.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 48.811 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

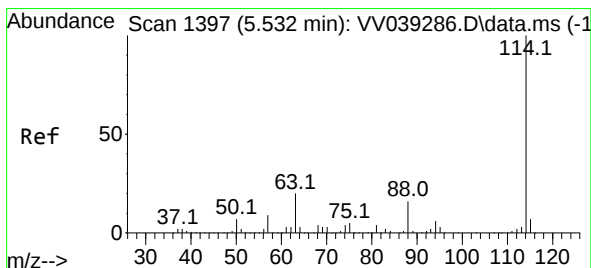
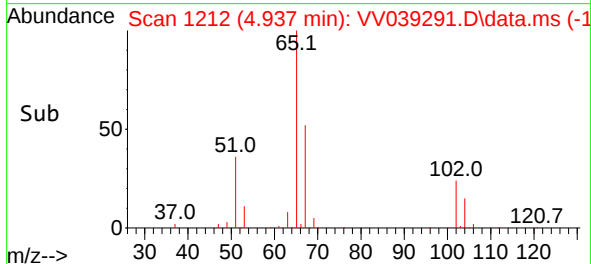
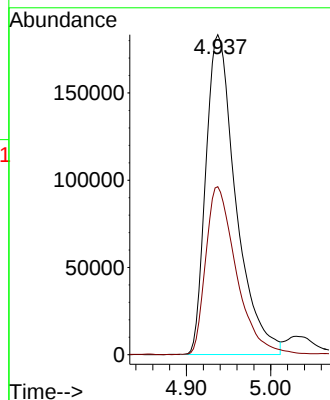
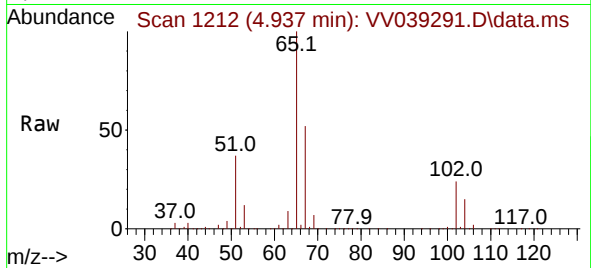
VSTDCCC050

Tgt Ion: 65 Resp: 454046

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

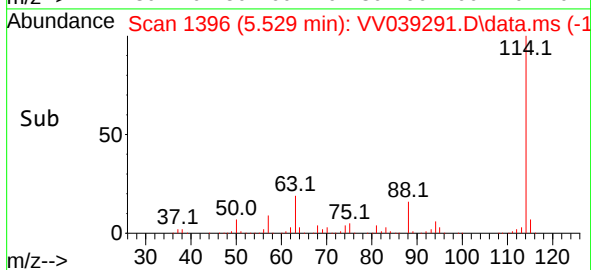
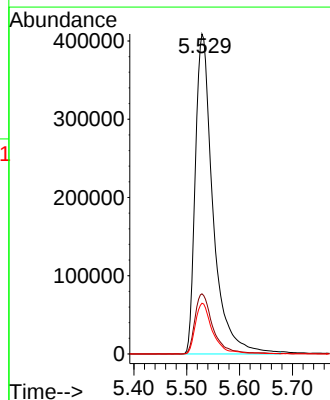
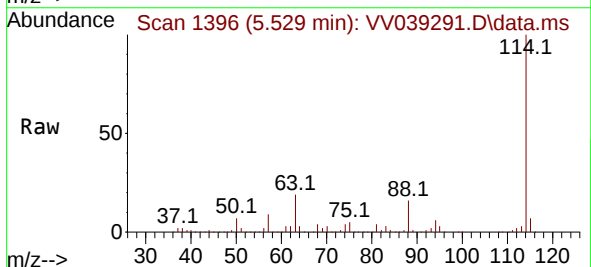
Tgt Ion:114 Resp: 949759

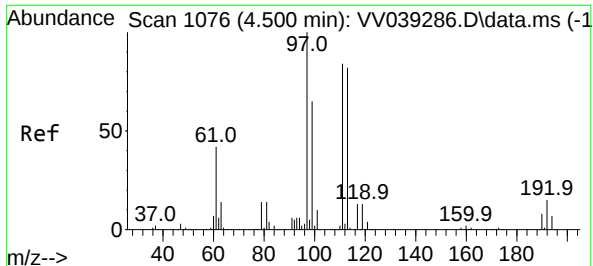
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.379 ug/l

RT: 4.497 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

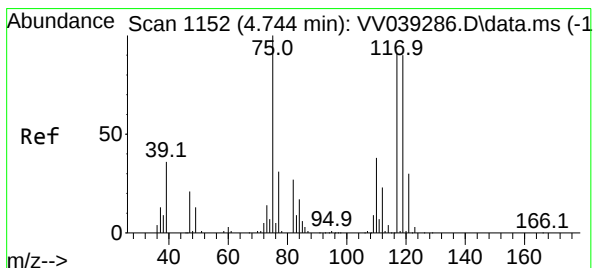
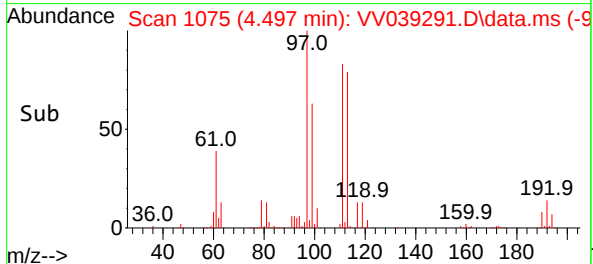
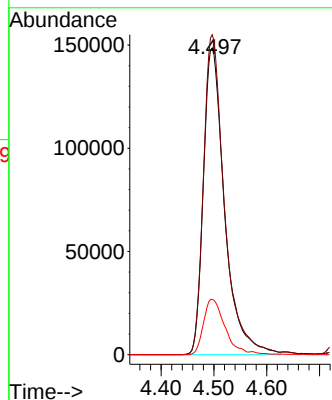
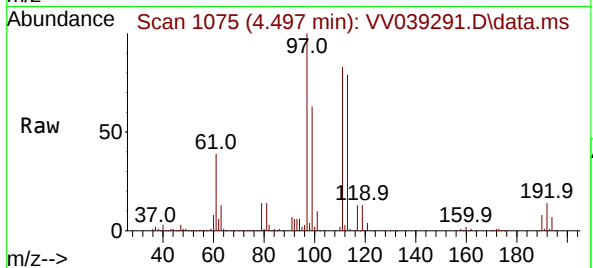
Tgt Ion:113 Resp: 414428

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 18.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 52.672 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

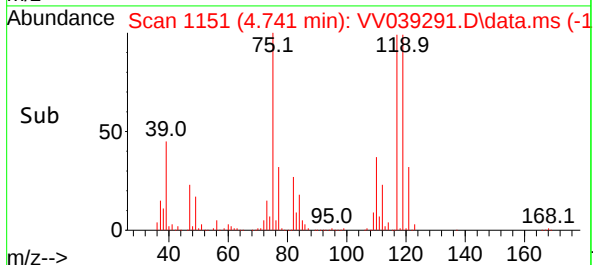
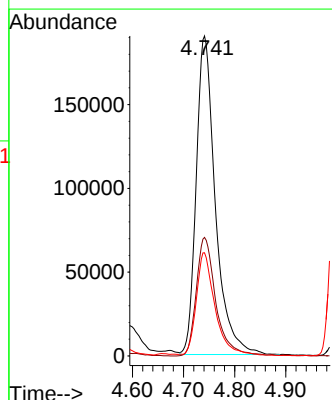
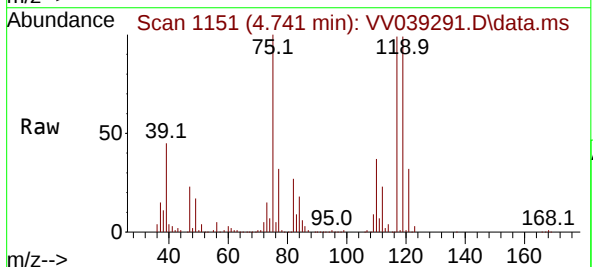
Tgt Ion: 75 Resp: 495076

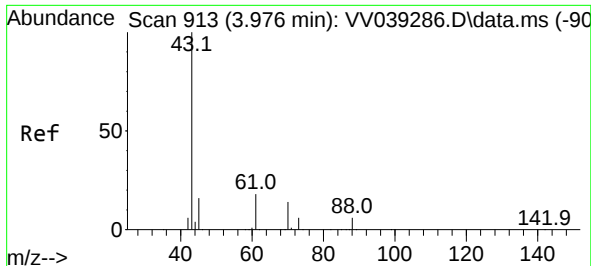
Ion Ratio Lower Upper

75 100

110 38.1 18.9 56.7

77 31.7 24.1 36.1

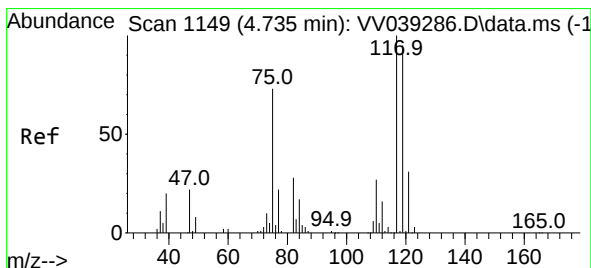
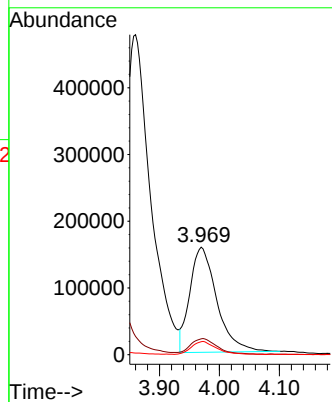
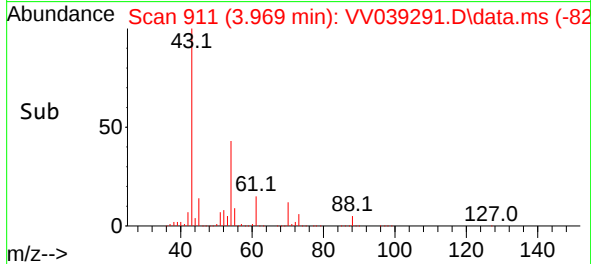
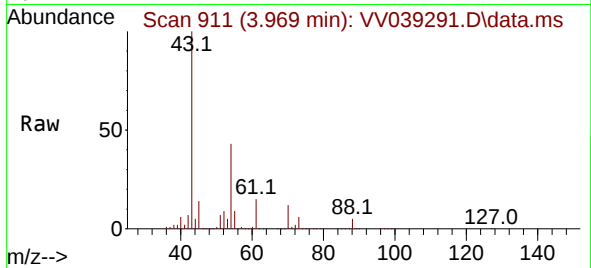




#37
Ethyl Acetate
Concen: 44.861 ug/l
RT: 3.969 min Scan# 911
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

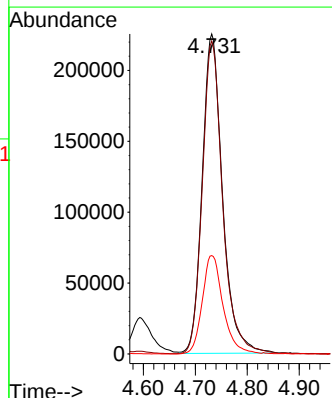
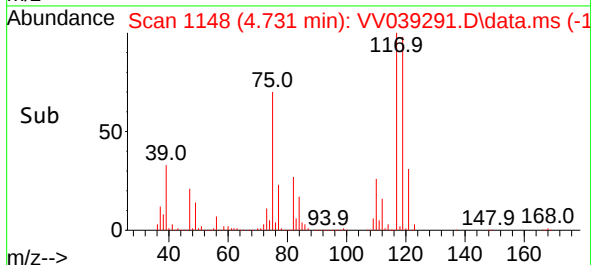
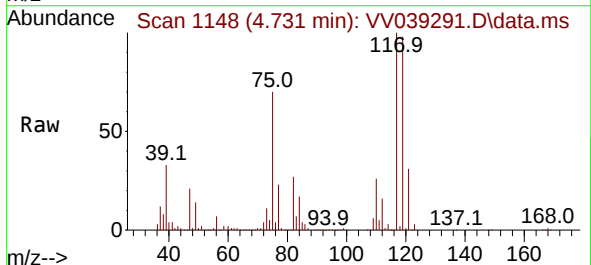
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

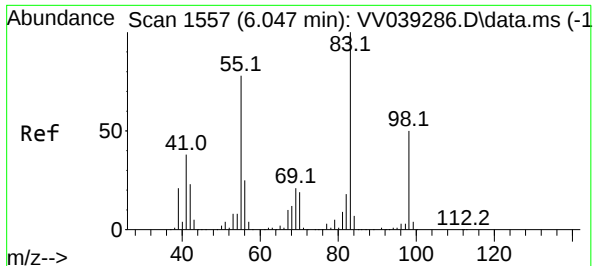
Tgt Ion: 43 Resp: 493640
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 11.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 53.474 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 117 Resp: 612342
Ion Ratio Lower Upper
117 100
119 97.9 75.9 113.9
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 56.081 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

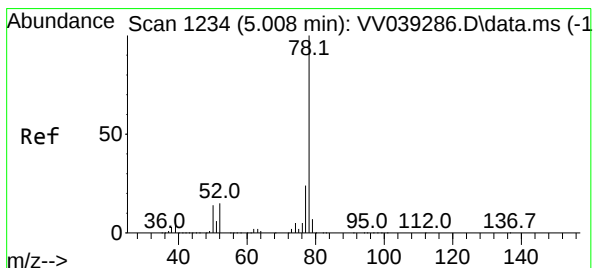
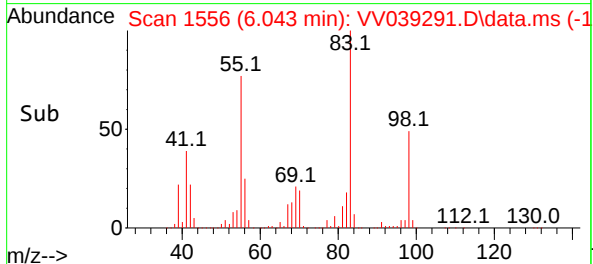
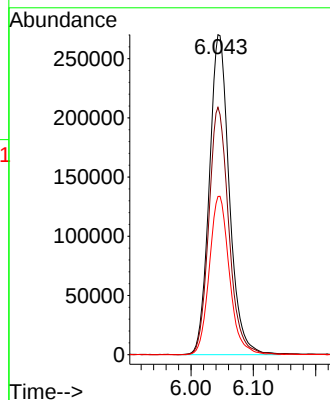
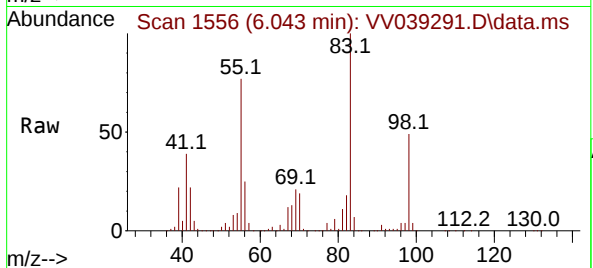
Tgt Ion: 83 Resp: 602436

Ion Ratio Lower Upper

83 100

55 77.2 62.1 93.1

98 49.5 40.2 60.4



#40

Benzene

Concen: 53.214 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV039291.D

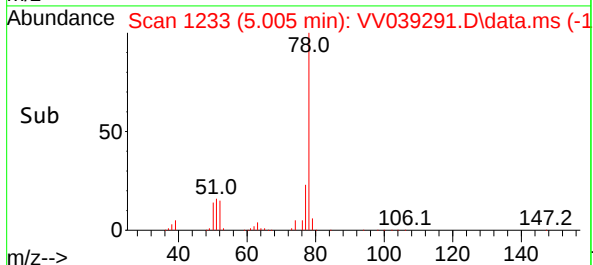
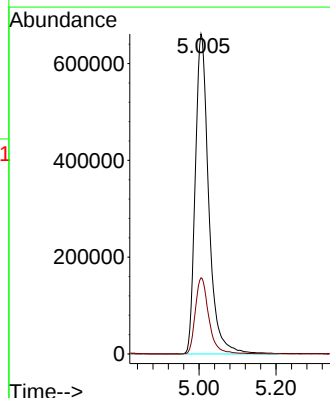
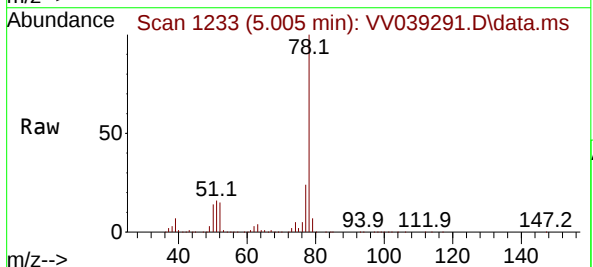
Acq: 21 Oct 2025 09:04

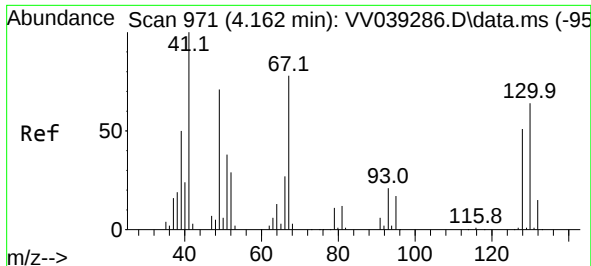
Tgt Ion: 78 Resp: 1604959

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

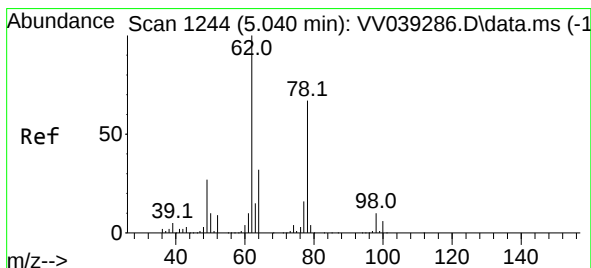
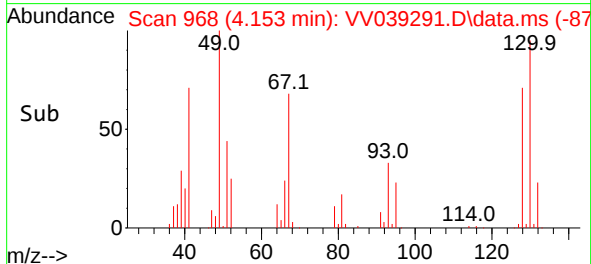
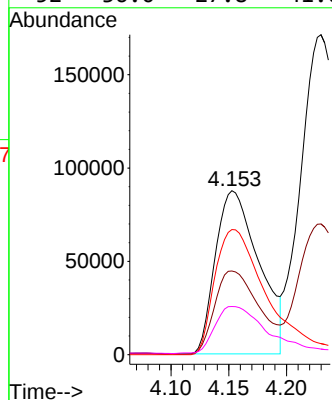
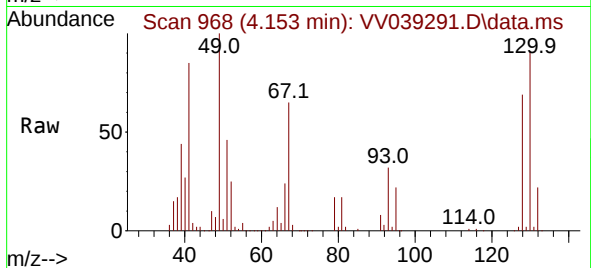




#41
Methacrylonitrile
Concen: 48.925 ug/l
RT: 4.153 min Scan# 91
Delta R.T. -0.010 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

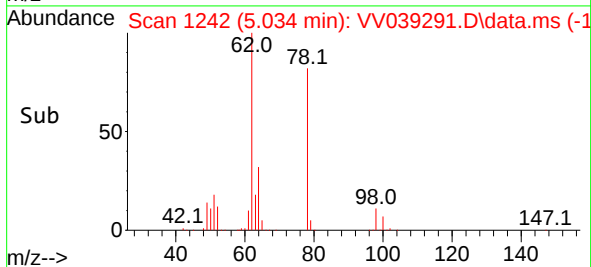
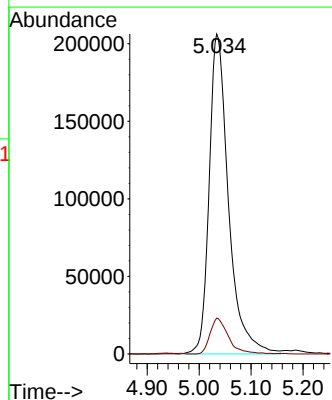
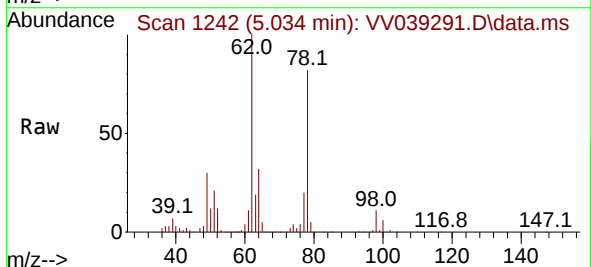
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

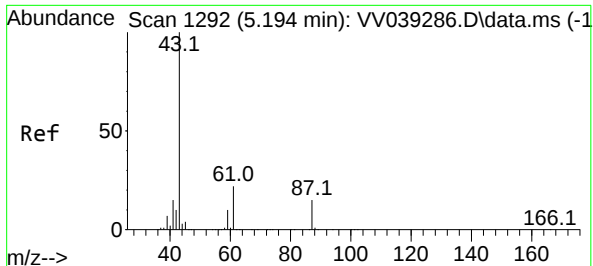
Tgt Ion: 41 Resp: 230078
Ion Ratio Lower Upper
41 100
39 51.9 40.9 61.3
67 94.6 73.1 109.7
52 36.0 27.8 41.6



#42
1,2-Dichloroethane
Concen: 50.423 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 62 Resp: 533741
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

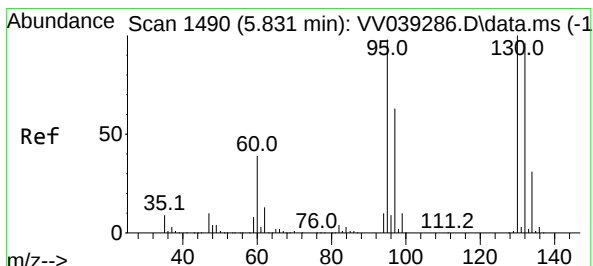
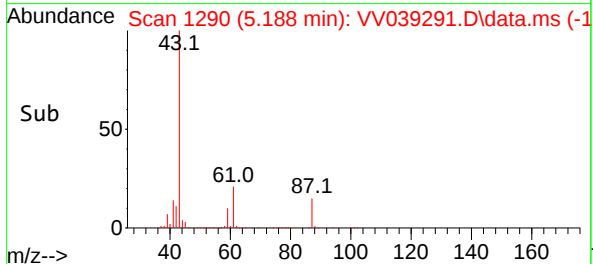
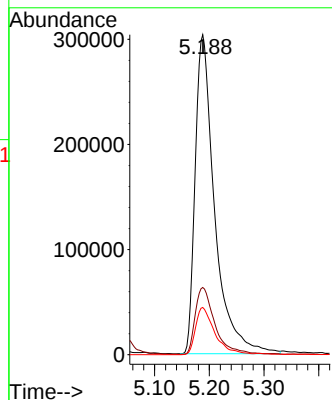
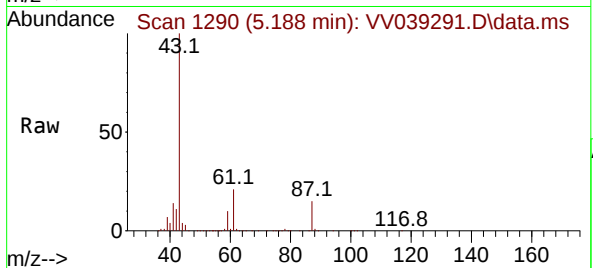




#43
Isopropyl Acetate
Concen: 52.150 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

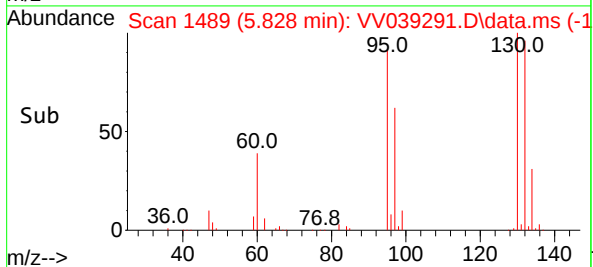
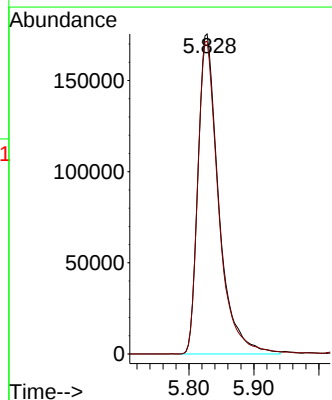
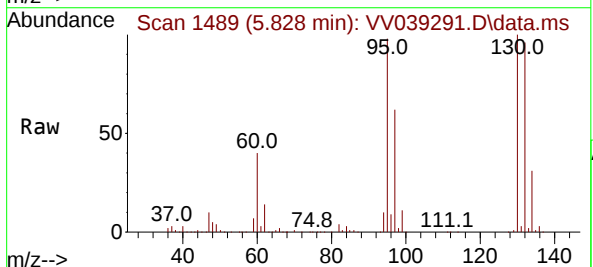
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

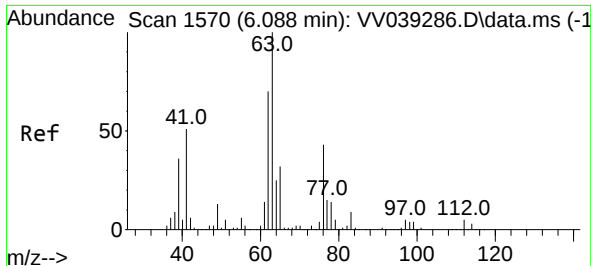
Tgt Ion: 43 Resp: 751273
Ion Ratio Lower Upper
43 100
61 21.2 17.1 25.7
87 14.6 11.5 17.3



#44
Trichloroethene
Concen: 51.431 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:130 Resp: 390078
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.6





#45

1,2-Dichloropropane

Concen: 56.294 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

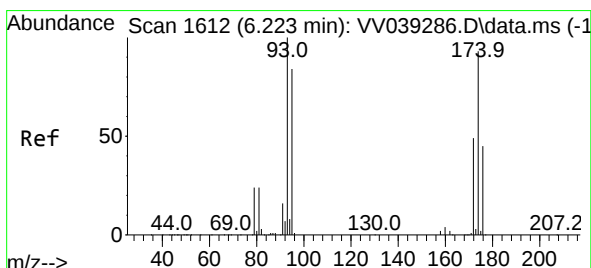
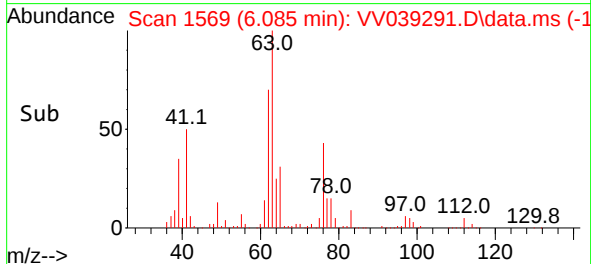
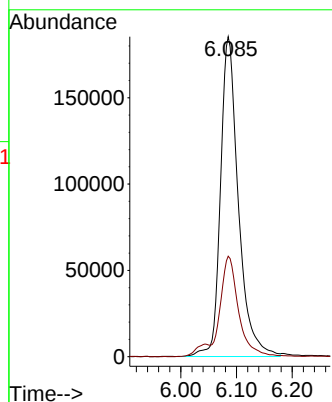
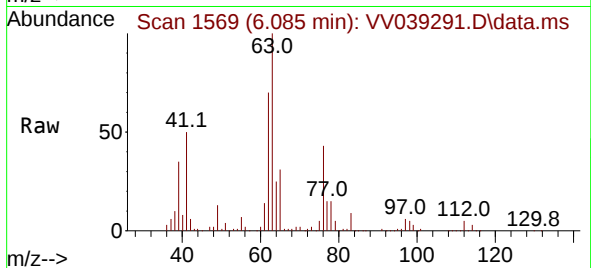
VSTDCCC050

Tgt Ion: 63 Resp: 413149

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 51.196 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

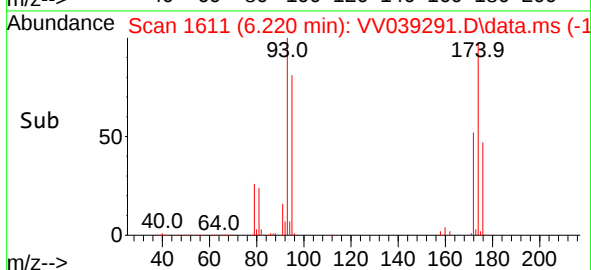
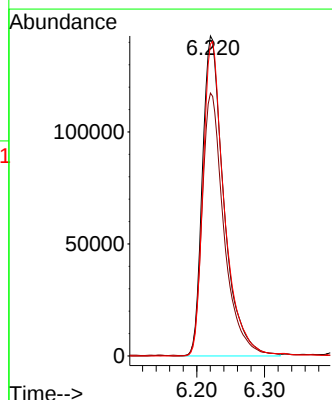
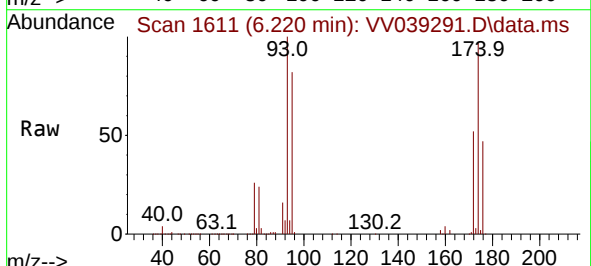
Tgt Ion: 93 Resp: 314054

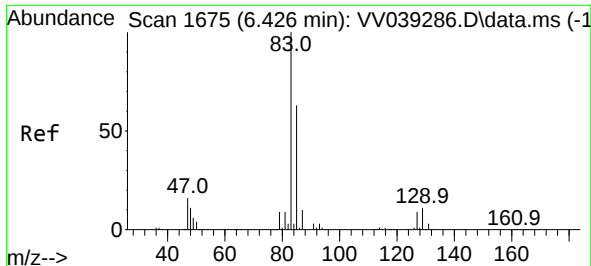
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 97.1 74.6 112.0

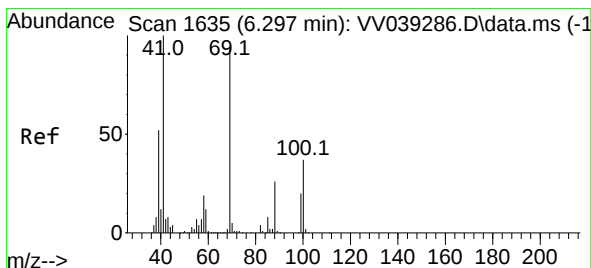
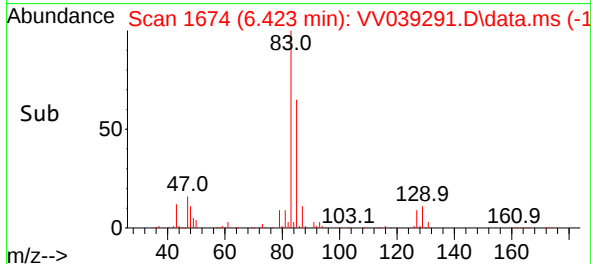
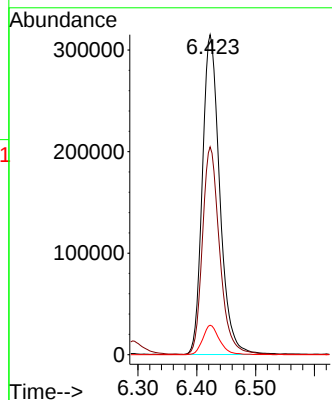
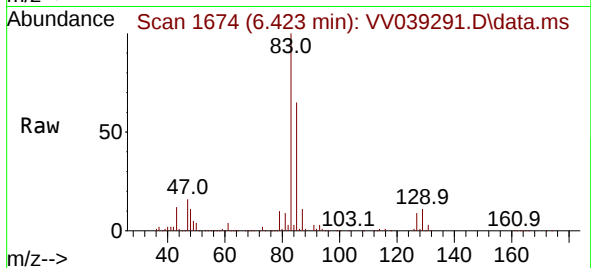




#47
Bromodichloromethane
Concen: 53.443 ug/l
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

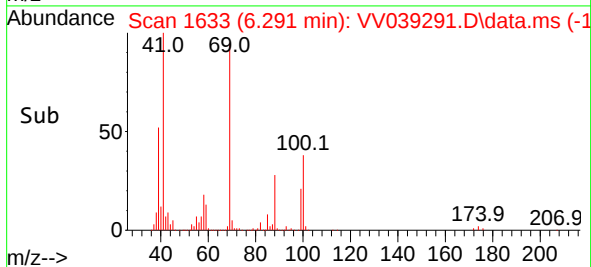
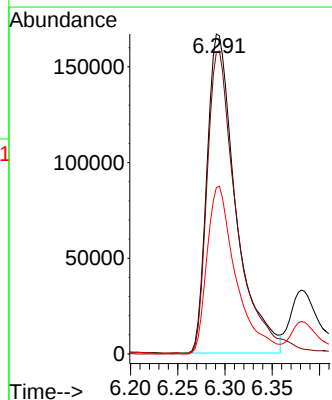
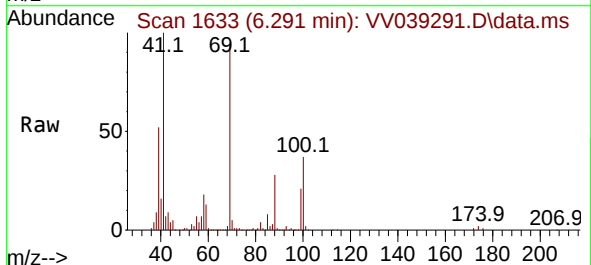
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

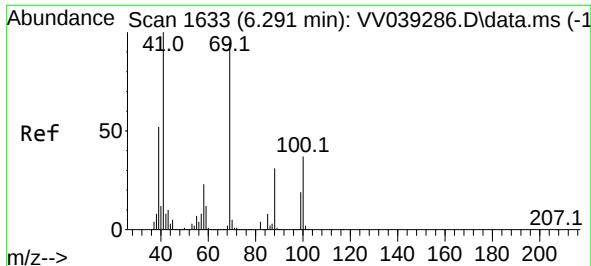
Tgt Ion: 83 Resp: 645967
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 52.902 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 41 Resp: 353066
Ion Ratio Lower Upper
41 100
69 98.8 77.2 115.8
39 52.3 41.4 62.0





#49

1,4-Dioxane

Concen: 1087.982 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

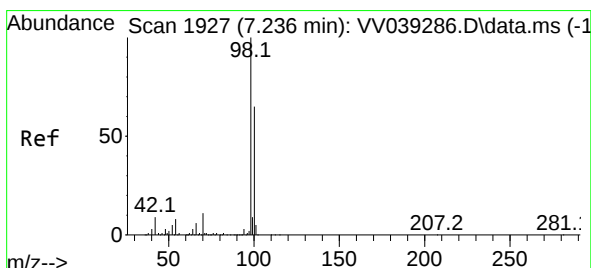
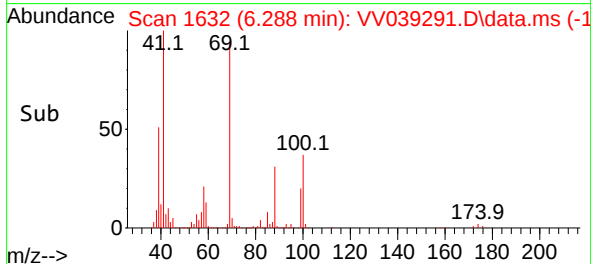
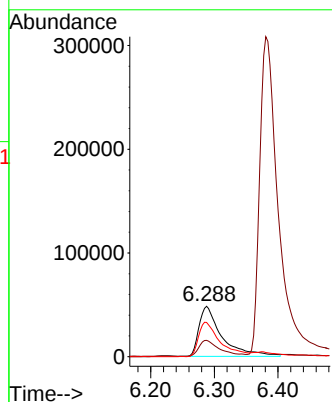
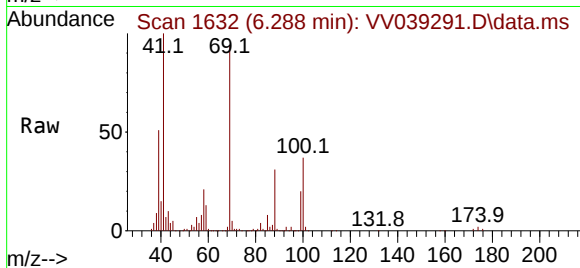
Tgt Ion: 88 Resp: 120791

Ion Ratio Lower Upper

88 100

43 29.6 24.1 36.1

58 64.9 57.6 86.4



#50

Toluene-d8

Concen: 55.243 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039291.D

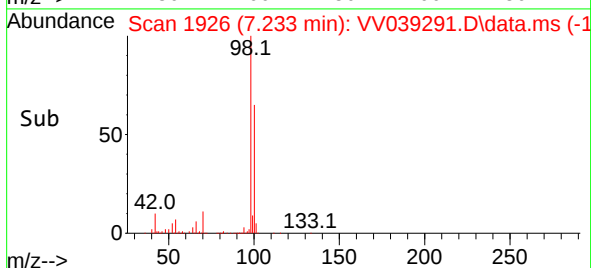
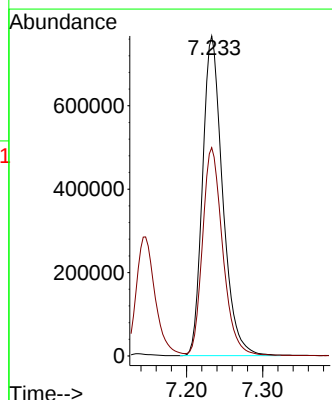
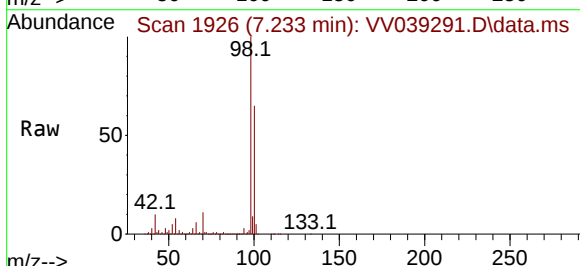
Acq: 21 Oct 2025 09:04

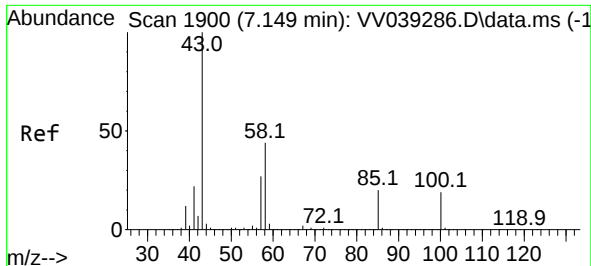
Tgt Ion: 98 Resp: 1406382

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

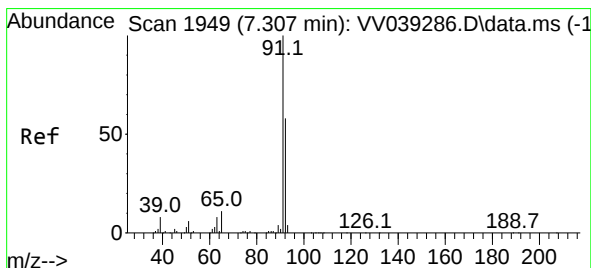
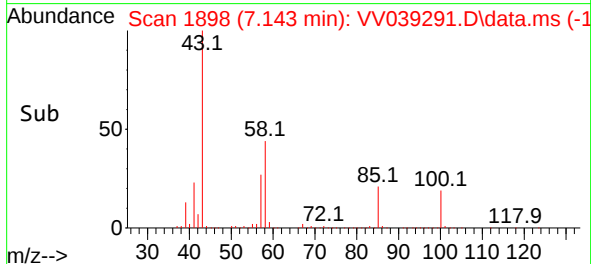
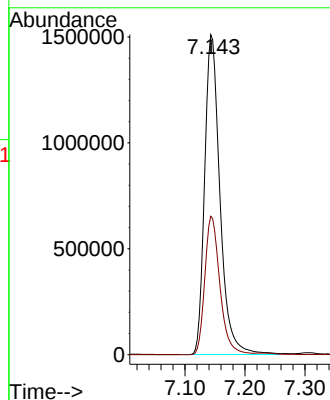
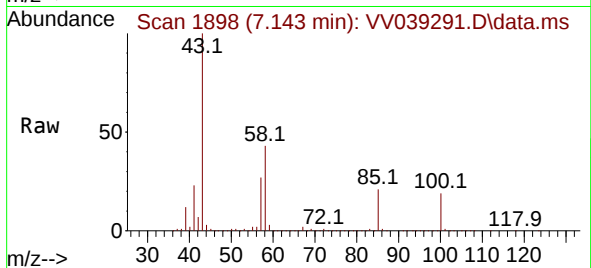




#51
4-Methyl-2-Pentanone
Concen: 269.870 ug/l
RT: 7.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

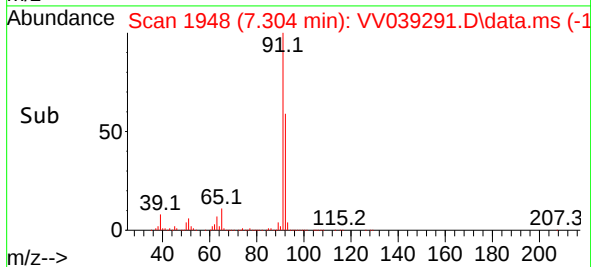
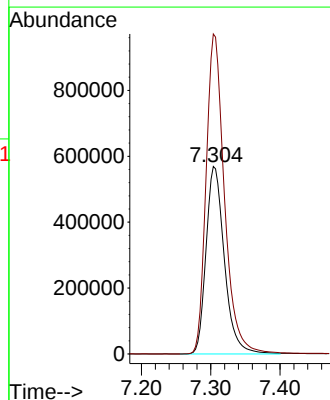
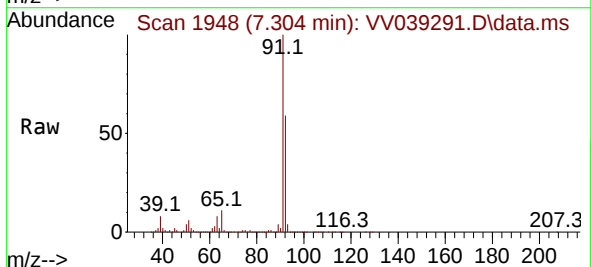
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

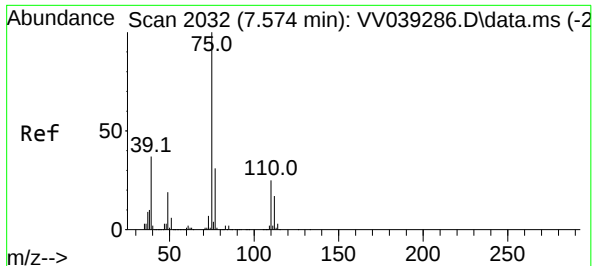
Tgt Ion: 43 Resp: 2697252
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.4



#52
Toluene
Concen: 57.323 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 92 Resp: 1043904
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 55.757 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

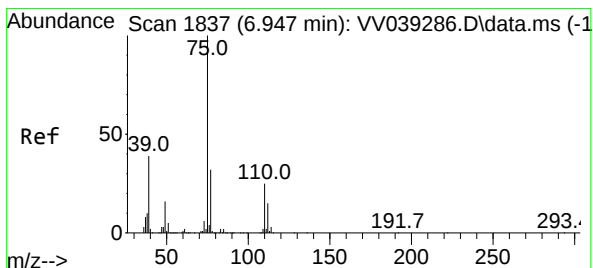
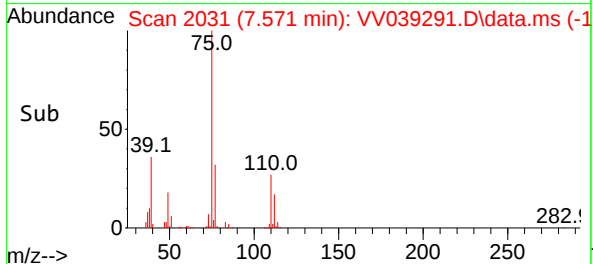
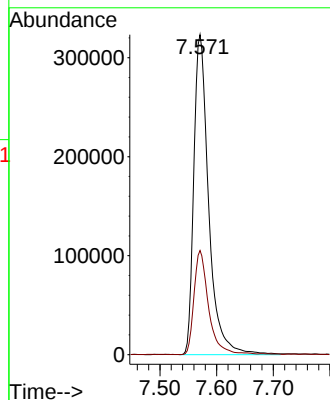
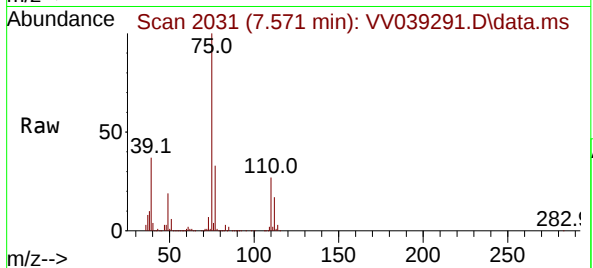
VSTDCCC050

Tgt Ion: 75 Resp: 588995

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 56.108 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

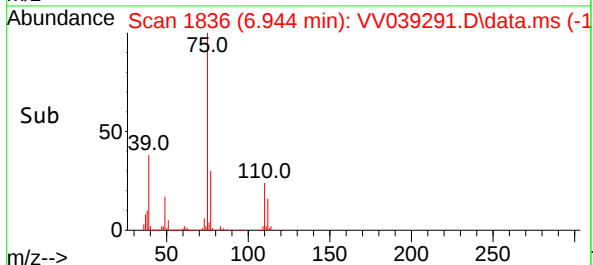
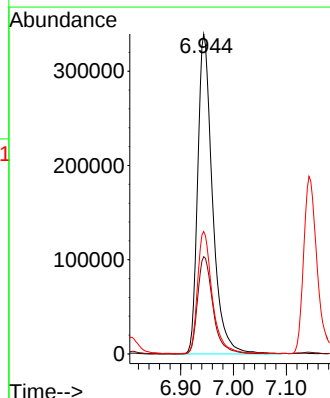
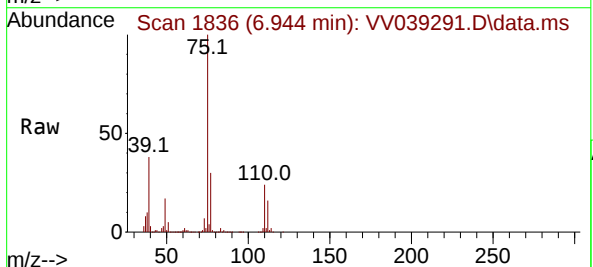
Tgt Ion: 75 Resp: 658946

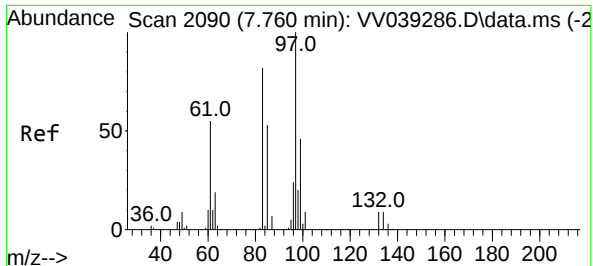
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 38.1 31.0 46.6



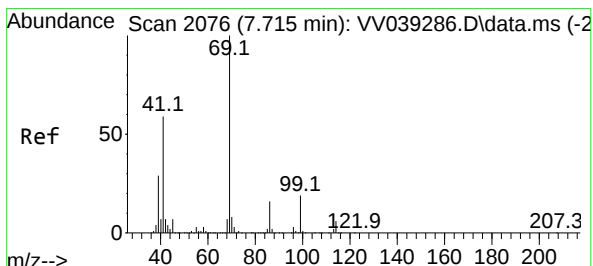
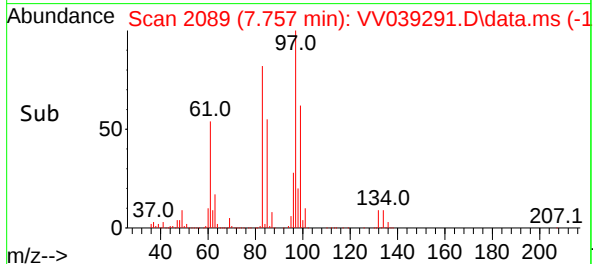
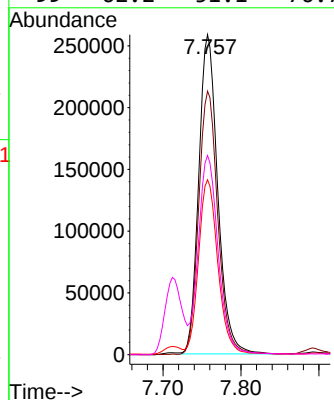
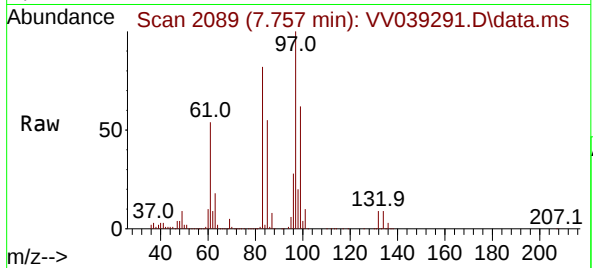


#55
1,1,2-Trichloroethane
Concen: 53.242 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 437803

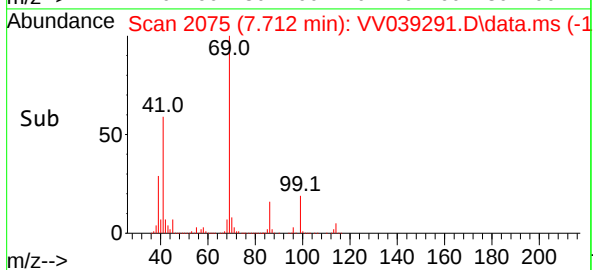
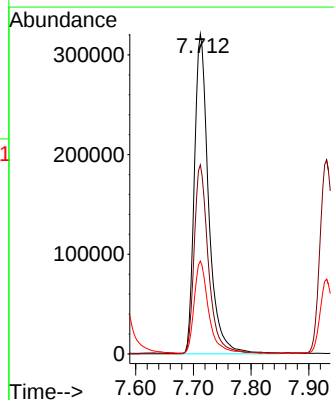
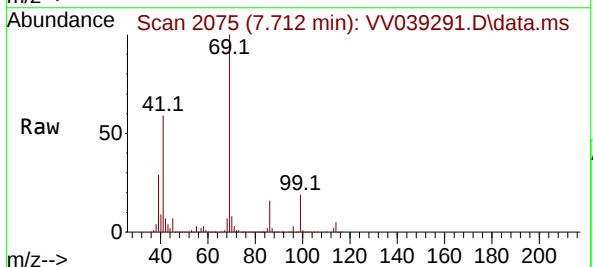
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	54.6	43.3	64.9
99	62.2	51.1	76.7

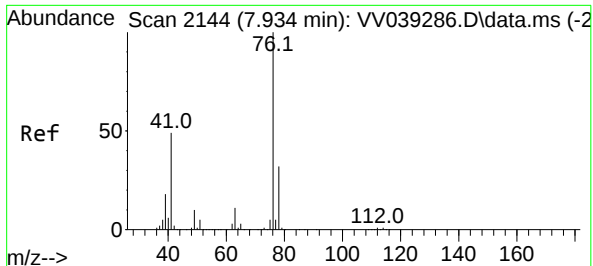


#56
Ethyl methacrylate
Concen: 59.299 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 69 Resp: 552436

Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.1	70.7
39	29.2	23.2	34.8

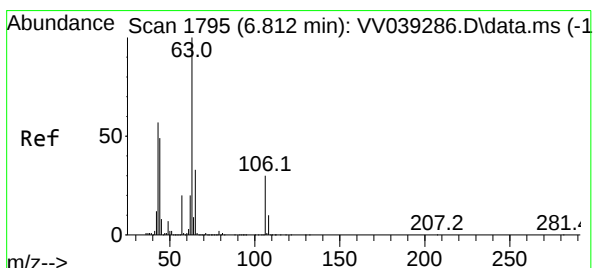
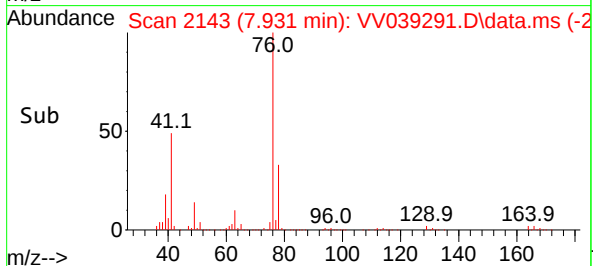
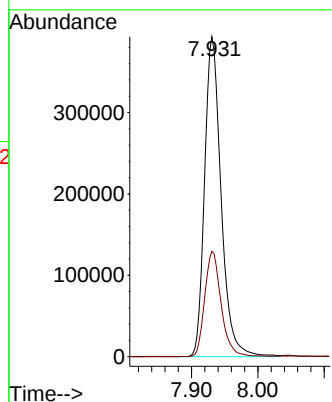
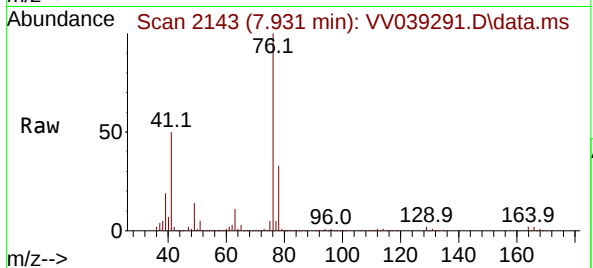




#57
1,3-Dichloropropane
Concen: 54.850 ug/l
RT: 7.931 min Scan# 2144
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

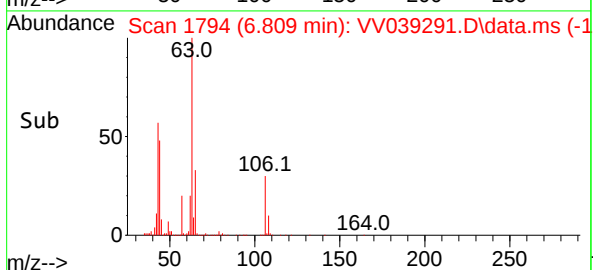
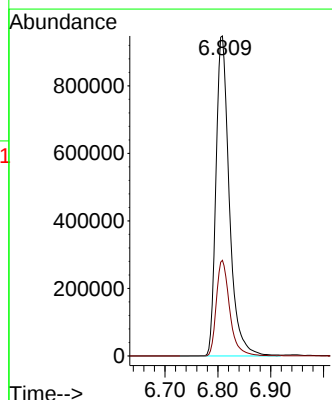
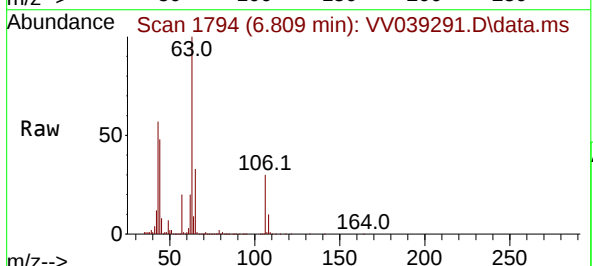
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

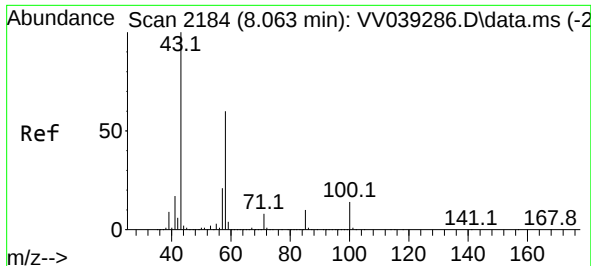
Tgt Ion: 76 Resp: 680616
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 294.099 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 63 Resp: 1666682
Ion Ratio Lower Upper
63 100
106 29.9 23.5 35.3

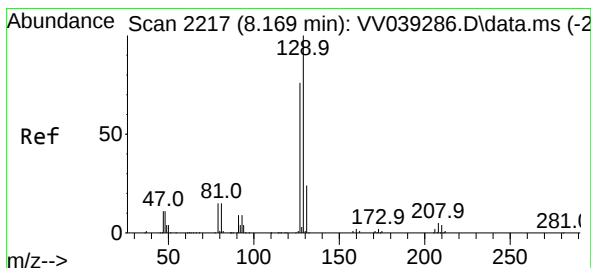
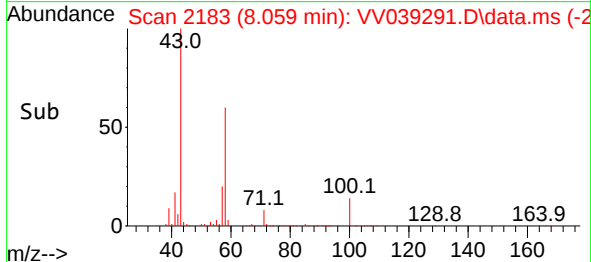
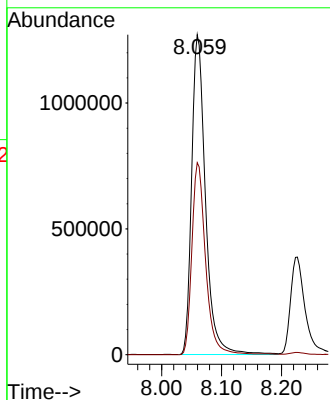
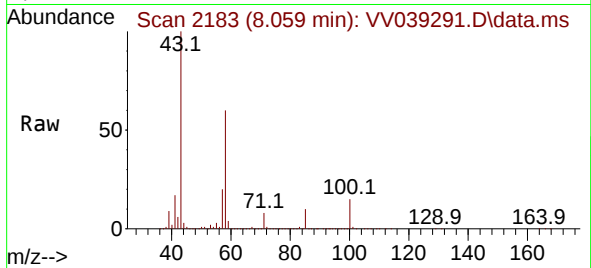




#59
2-Hexanone
Concen: 278.173 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

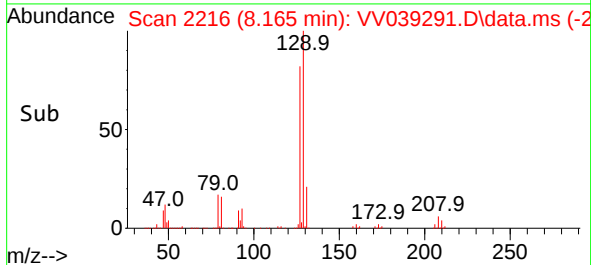
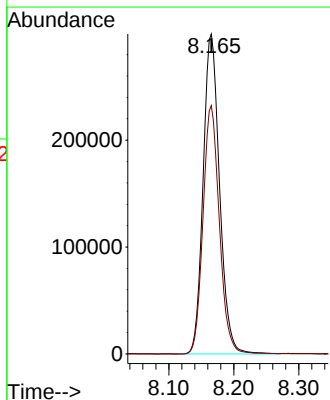
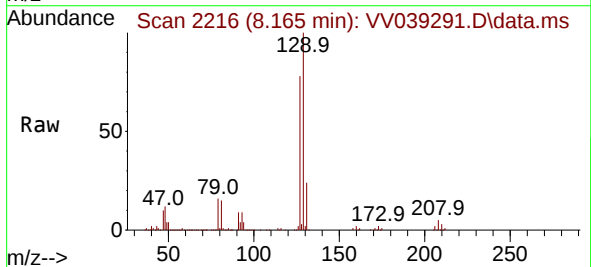
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

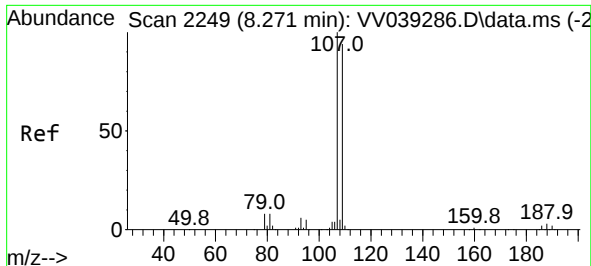
Tgt Ion: 43 Resp: 2041094
Ion Ratio Lower Upper
43 100
58 59.5 29.6 88.9



#60
Dibromochloromethane
Concen: 54.867 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 129 Resp: 527523
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.282 ug/l

RT: 8.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

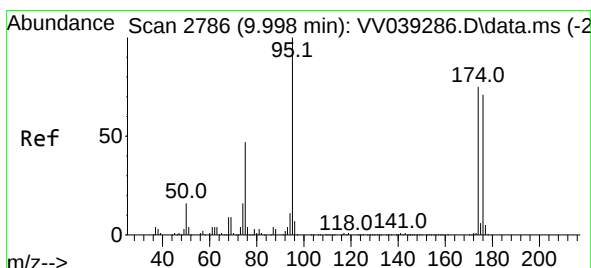
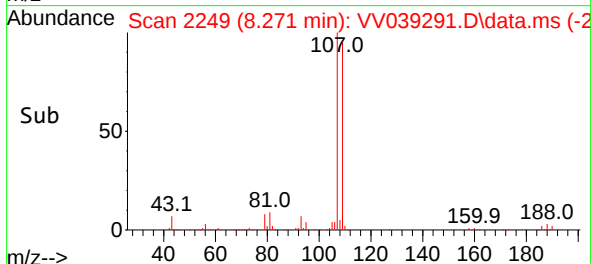
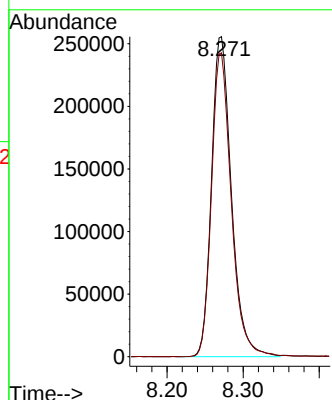
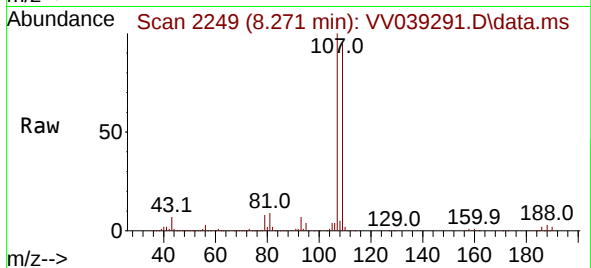
VSTDCCC050

Tgt Ion:107 Resp: 464776

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 60.332 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

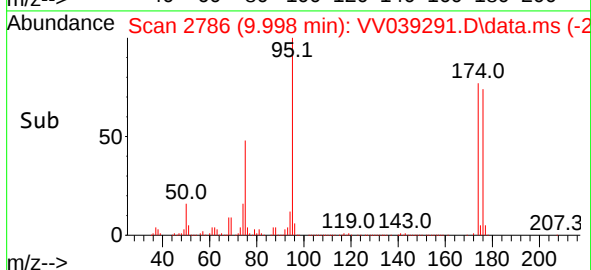
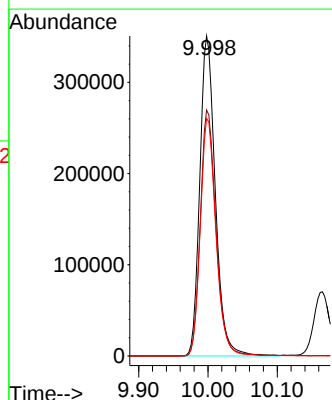
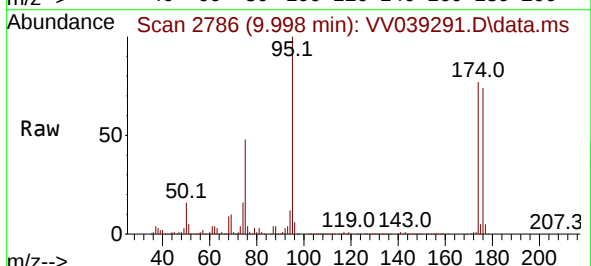
Tgt Ion: 95 Resp: 547009

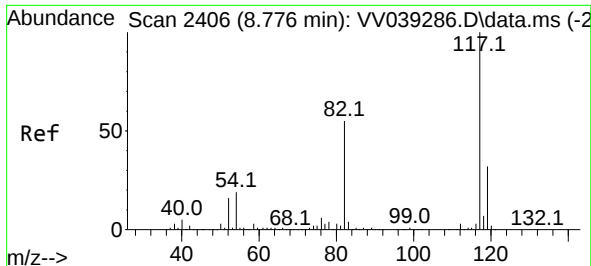
Ion Ratio Lower Upper

95 100

174 78.1 0.0 153.6

176 74.7 0.0 146.0

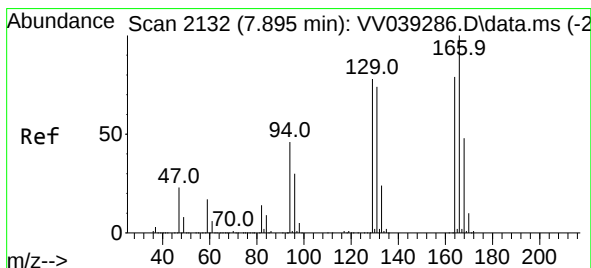
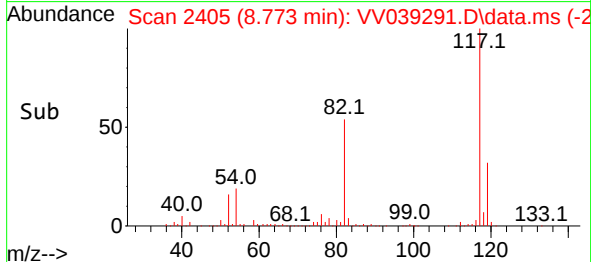
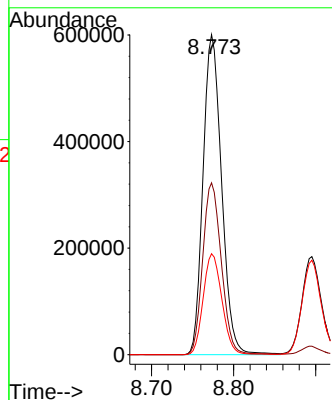
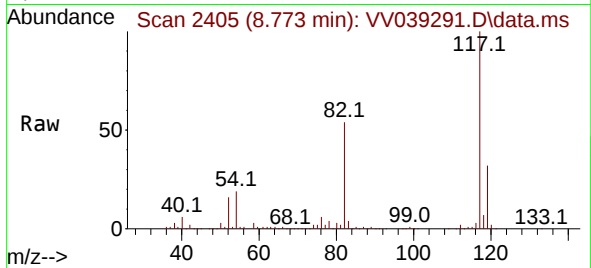




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

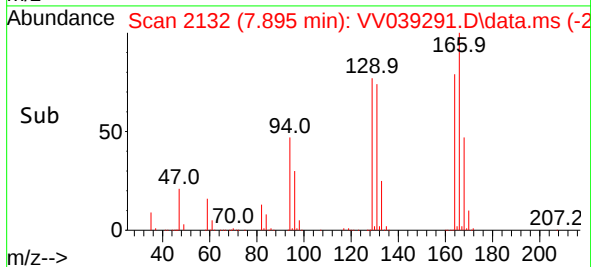
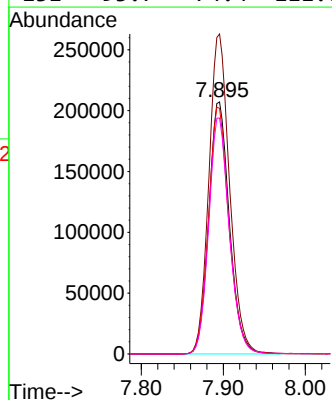
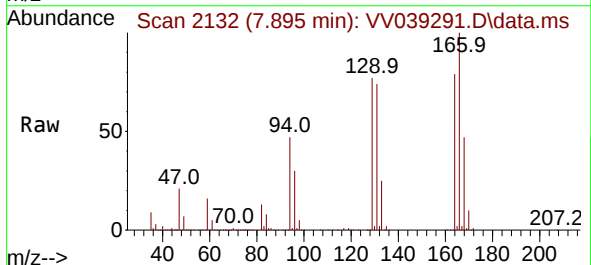
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

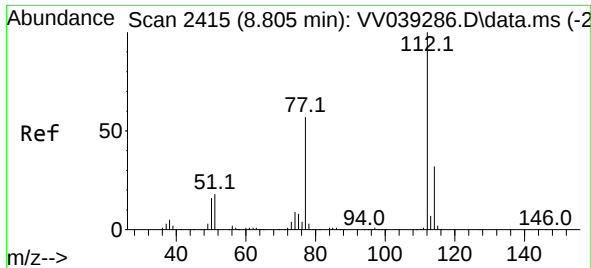
Tgt Ion:117 Resp: 944570
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 52.700 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:164 Resp: 363120
Ion Ratio Lower Upper
164 100
166 127.0 101.0 151.6
129 97.5 79.0 118.6
131 93.7 74.4 111.6

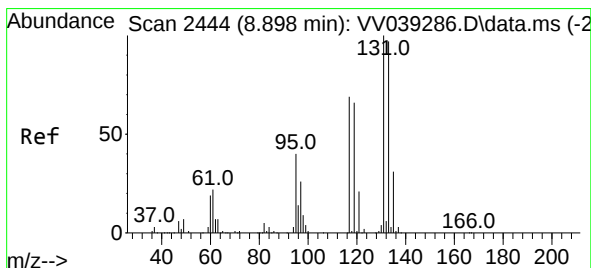
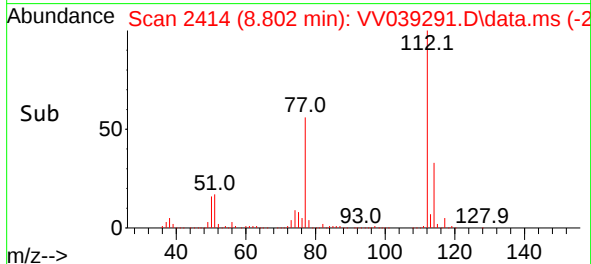
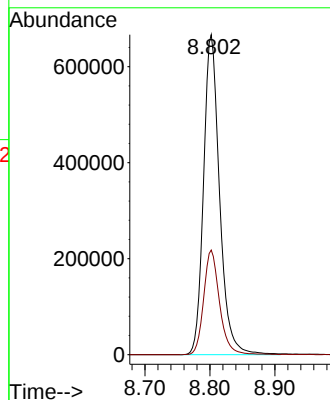
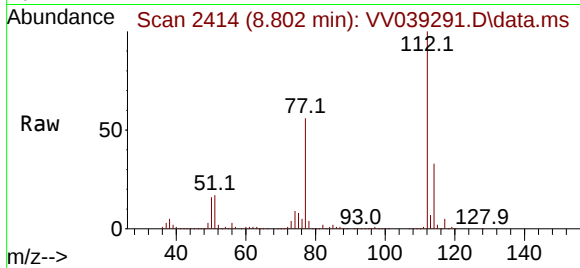




#65
Chlorobenzene
Concen: 51.255 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

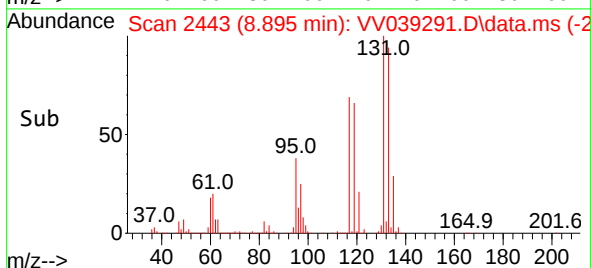
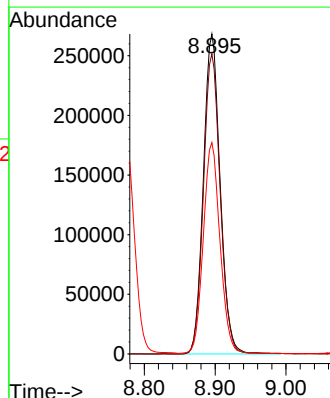
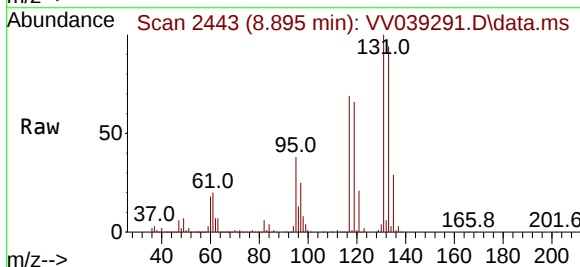
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

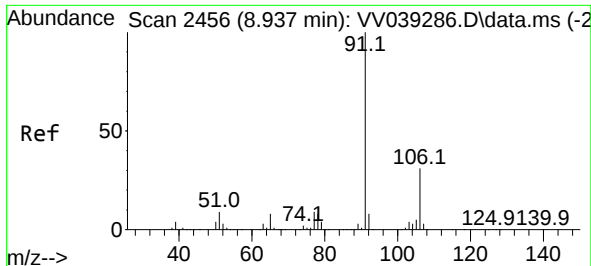
Tgt Ion:112 Resp: 1146123
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.604 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:131 Resp: 440601
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 65.4 32.7 98.1





#67

Ethyl Benzene

Concen: 57.107 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

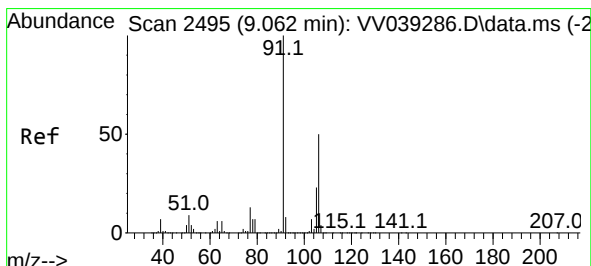
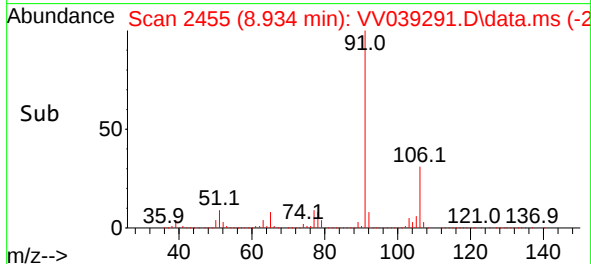
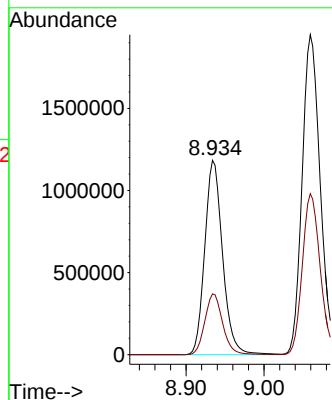
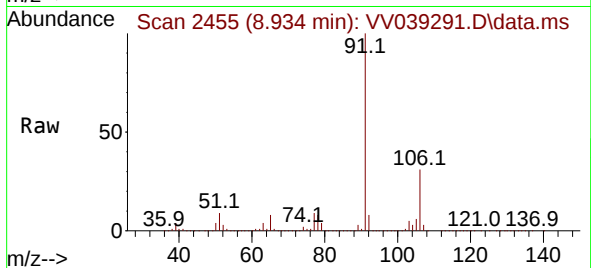
VSTDCCC050

Tgt Ion: 91 Resp: 1880992

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 120.892 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV039291.D

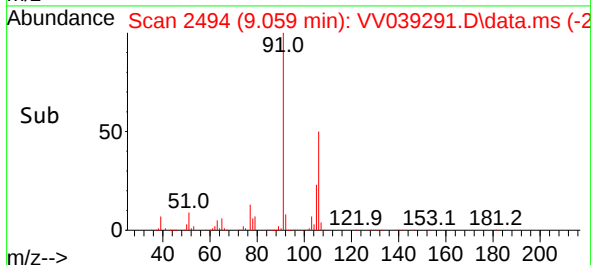
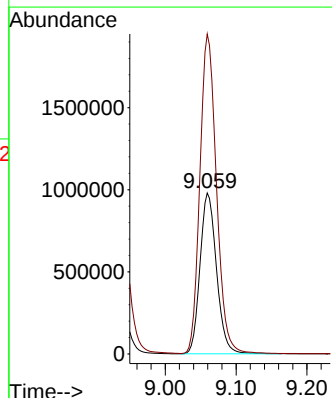
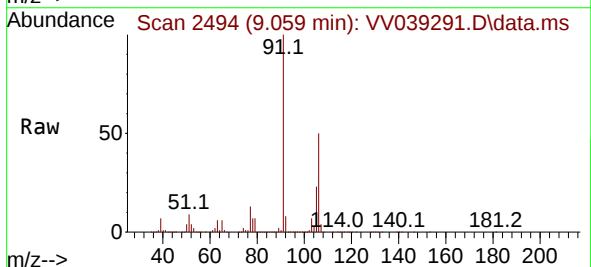
Acq: 21 Oct 2025 09:04

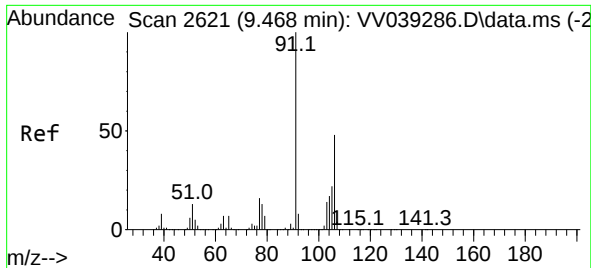
Tgt Ion: 106 Resp: 1579327

Ion Ratio Lower Upper

106 100

91 200.1 160.2 240.2

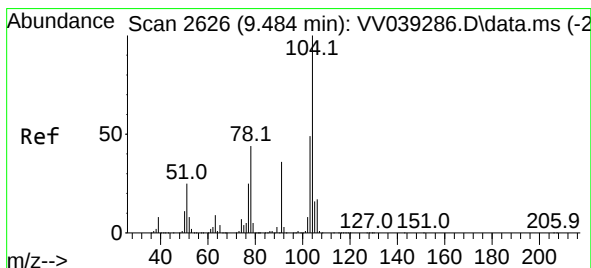
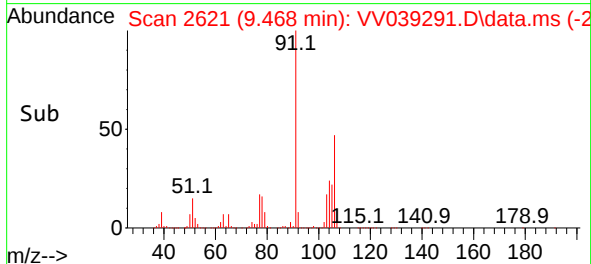
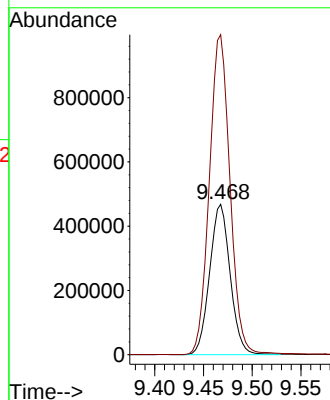
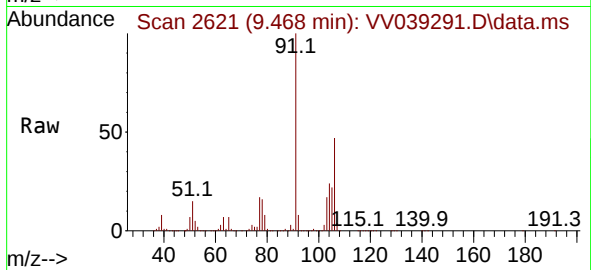




#69
o-Xylene
Concen: 59.284 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

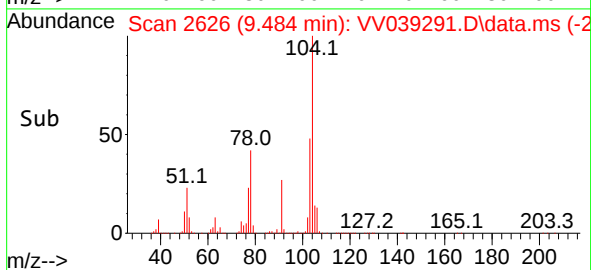
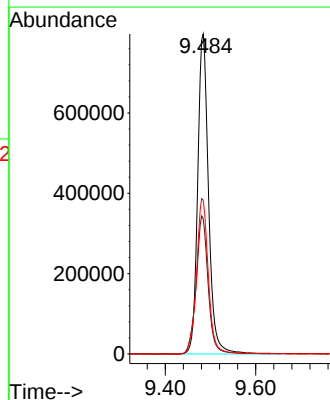
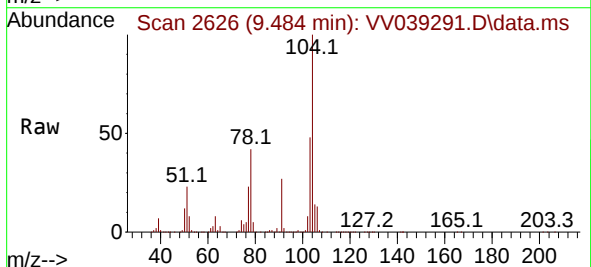
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

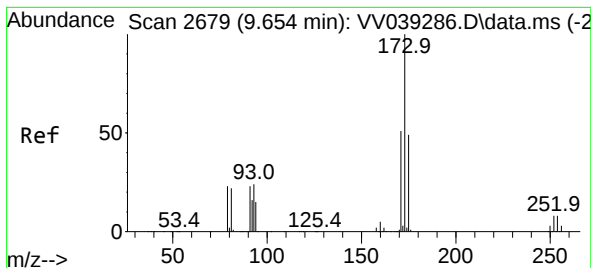
Tgt Ion:106 Resp: 683952
Ion Ratio Lower Upper
106 100
91 215.1 105.8 317.3



#70
Styrene
Concen: 64.582 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:104 Resp: 1325725
Ion Ratio Lower Upper
104 100
78 47.4 38.9 58.3
103 53.0 42.9 64.3





#71

Bromoform

Concen: 55.283 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

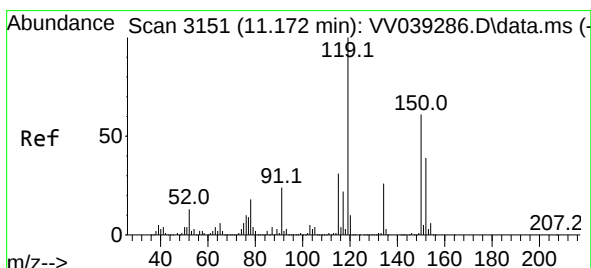
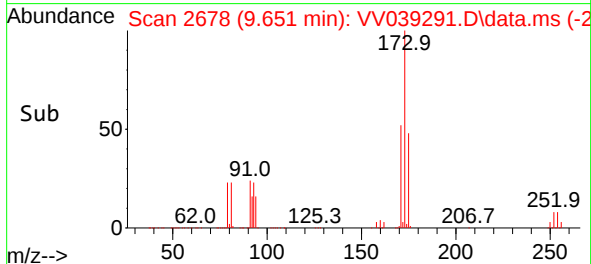
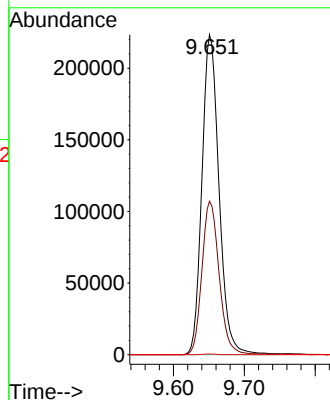
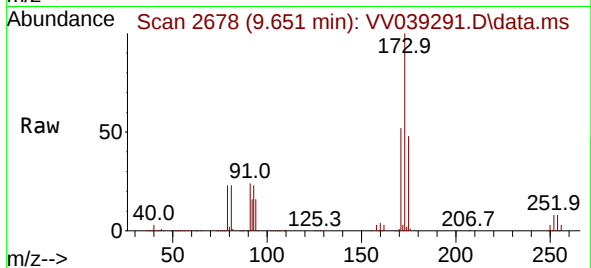
Tgt Ion:173 Resp: 374457

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

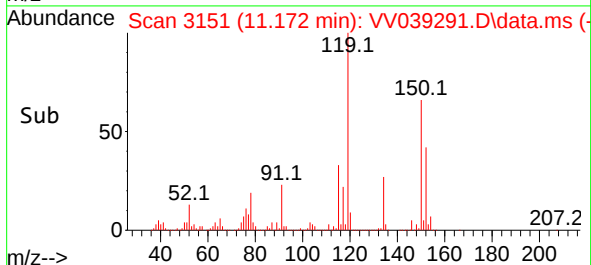
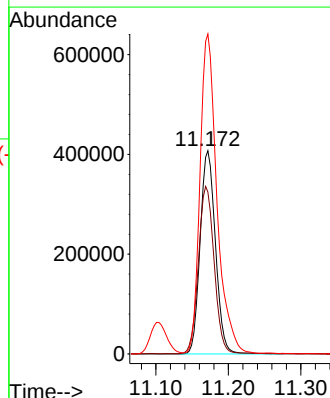
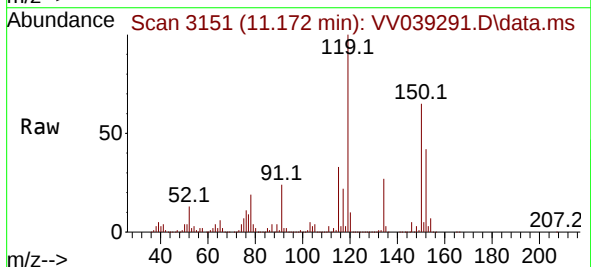
Tgt Ion:152 Resp: 596600

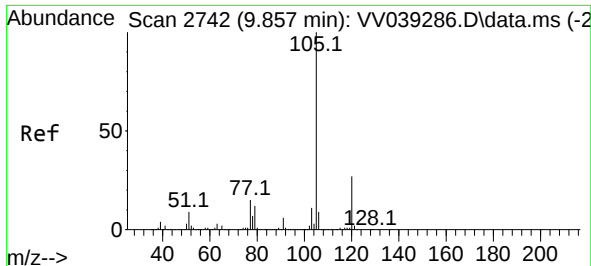
Ion Ratio Lower Upper

152 100

115 84.8 42.3 126.8

150 173.8 0.0 348.0

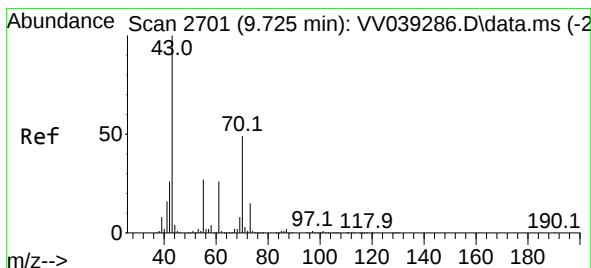
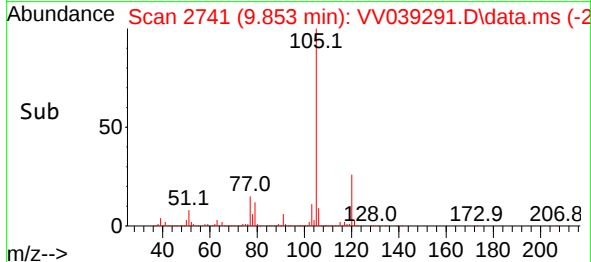
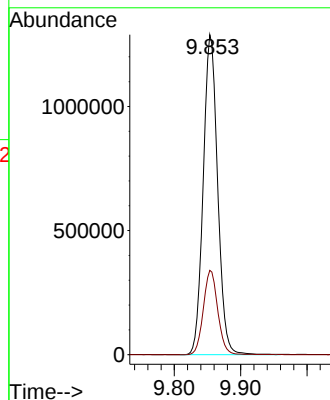
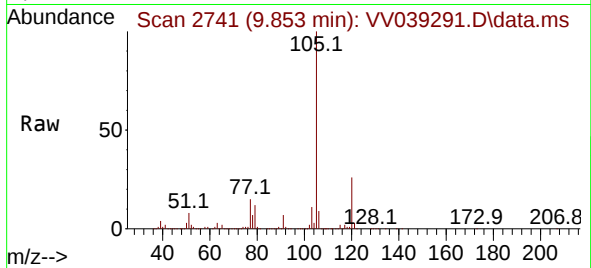




#73
Isopropylbenzene
Concen: 53.661 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

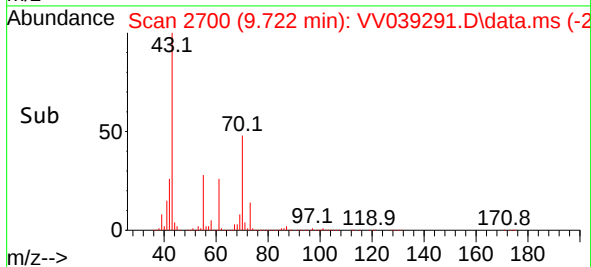
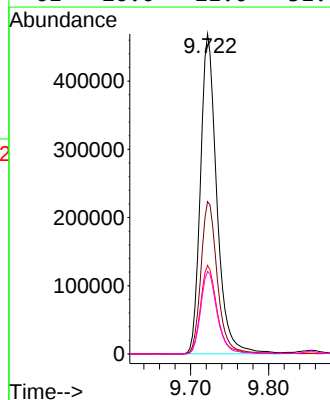
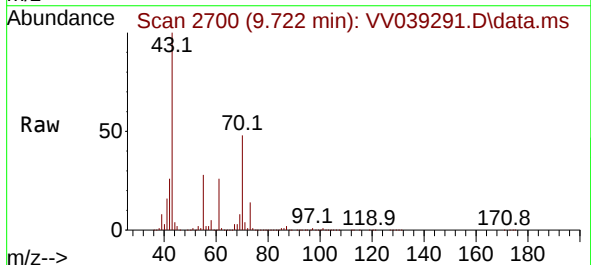
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

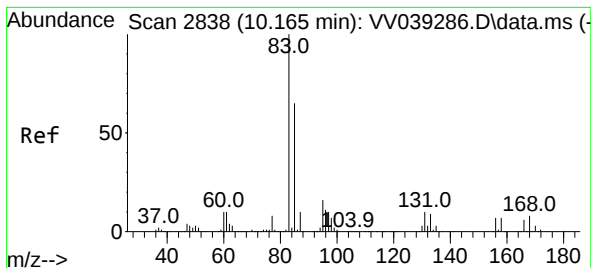
Tgt Ion:105 Resp: 1944033
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 45.747 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 43 Resp: 682905
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 28.3 21.9 32.9
61 26.0 21.0 31.4

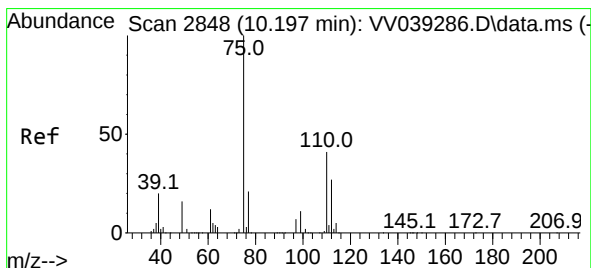
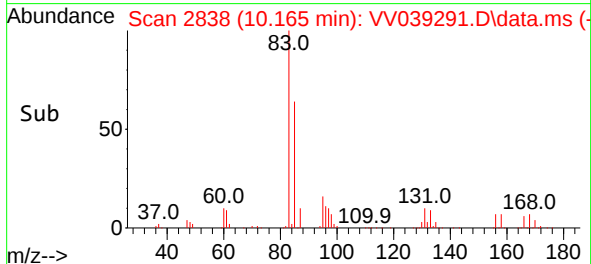
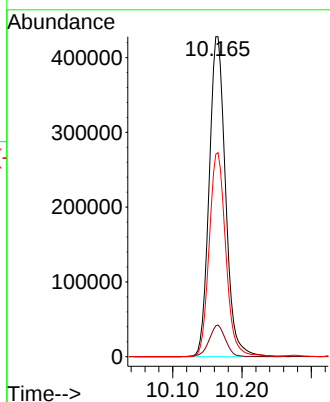
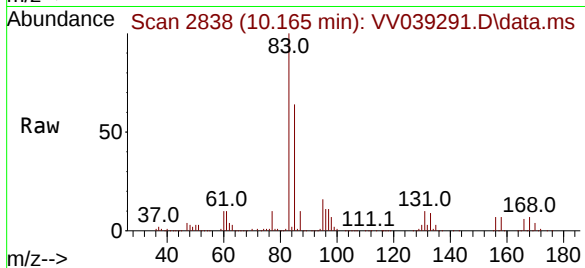




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.148 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

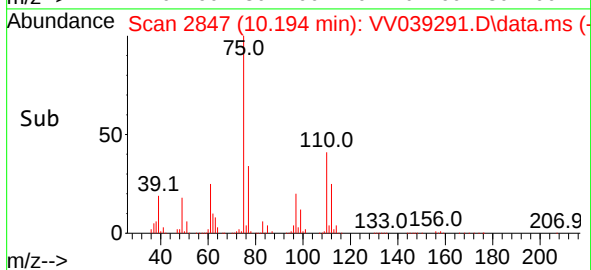
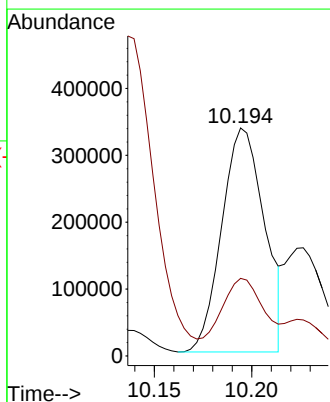
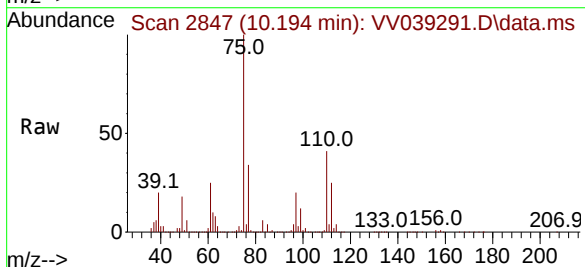
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

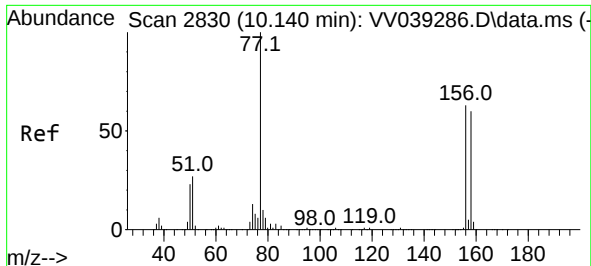
Tgt Ion: 83 Resp: 701235
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 64.4 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 42.929 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. -0.003 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

Tgt Ion: 75 Resp: 511173
 Ion Ratio Lower Upper
 75 100
 77 23.8 12.2 36.4

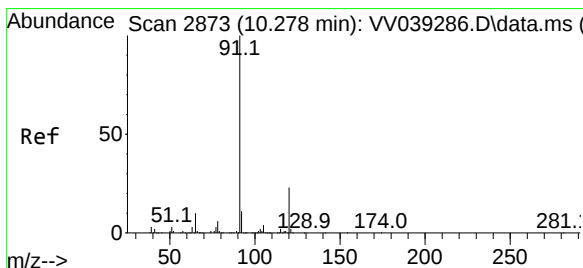
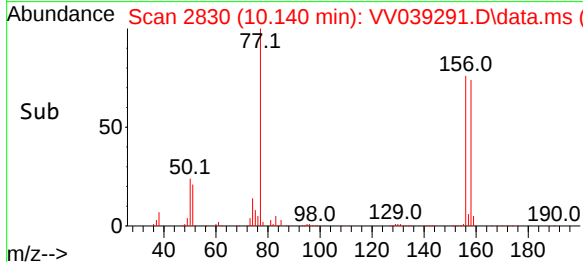
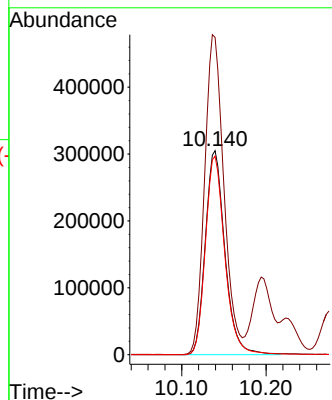
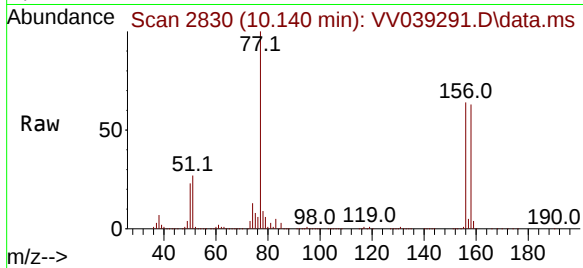




#77
Bromobenzene
Concen: 49.538 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

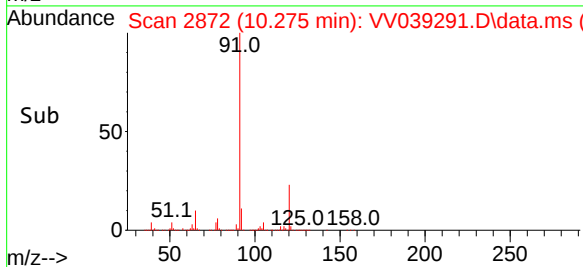
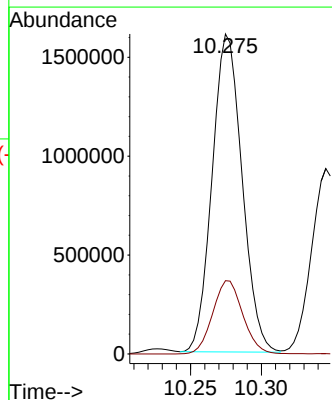
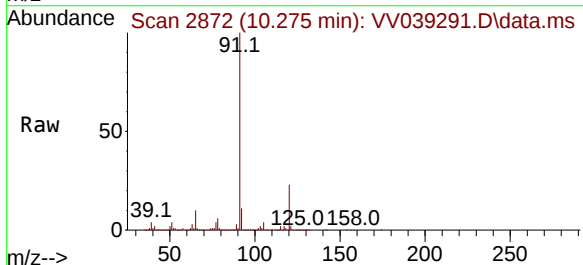
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

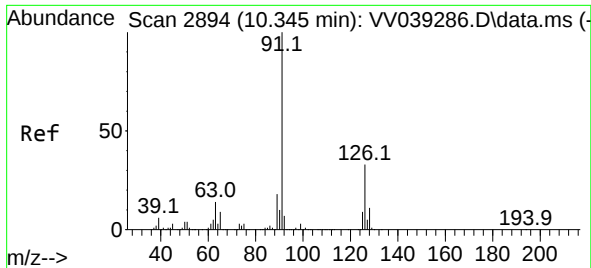
Tgt Ion:156 Resp: 493365
Ion Ratio Lower Upper
156 100
77 154.1 78.4 235.2
158 97.0 47.7 143.1



#78
n-propylbenzene
Concen: 53.732 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion: 91 Resp: 2362004
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5

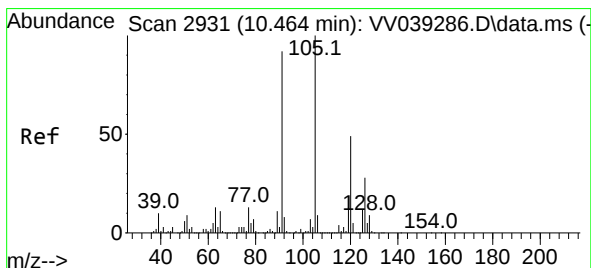
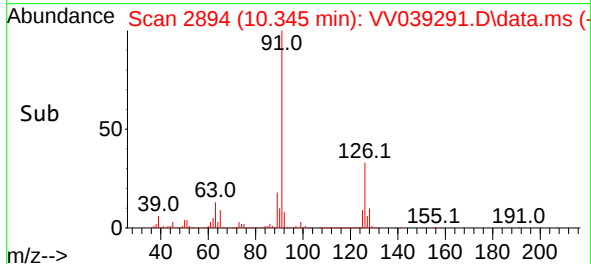
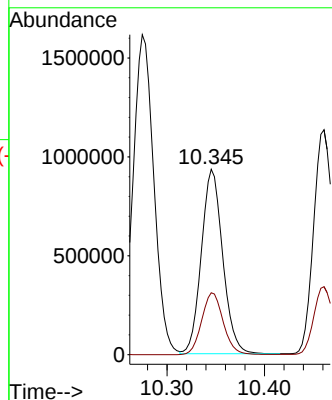
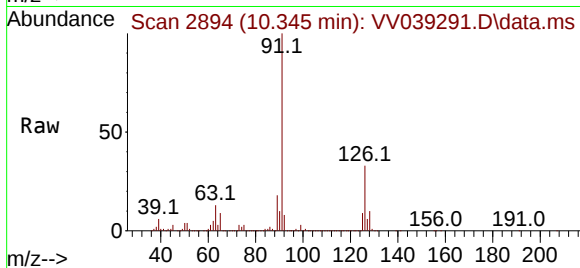




#79
2-Chlorotoluene
Concen: 52.335 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

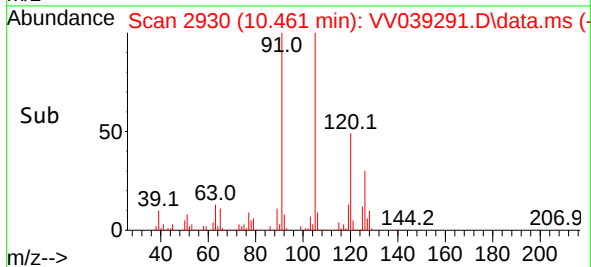
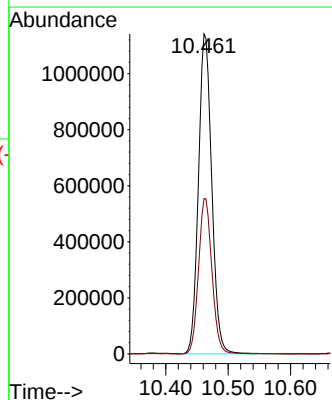
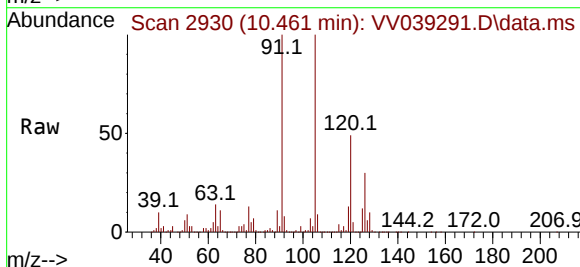
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

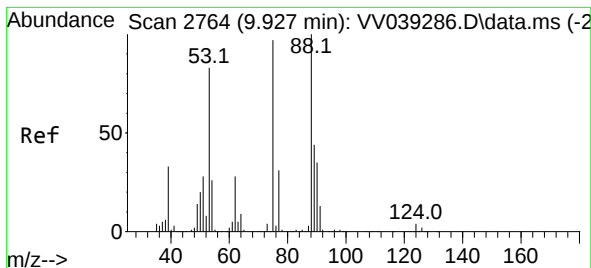
Tgt Ion: 91 Resp: 1420396
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.515 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:105 Resp: 1686808
Ion Ratio Lower Upper
105 100
120 48.9 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.854 ug/l

RT: 9.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

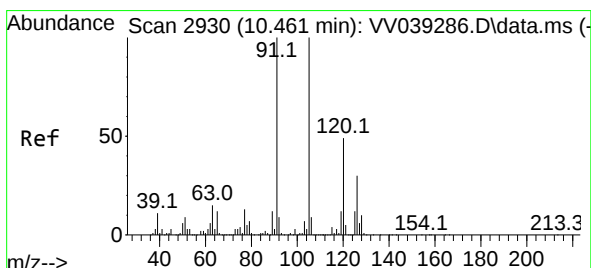
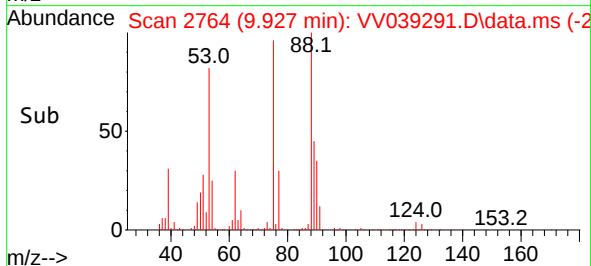
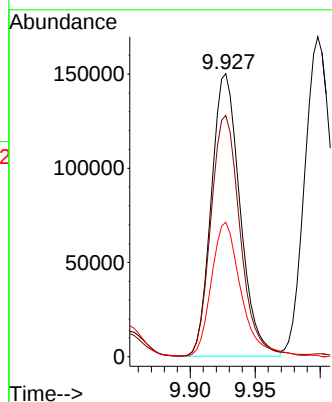
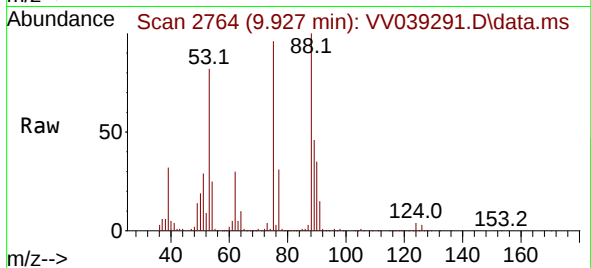
Tgt Ion: 75 Resp: 230341

Ion Ratio Lower Upper

75 100

53 86.5 69.9 104.9

89 49.0 37.4 56.0



#82

4-Chlorotoluene

Concen: 54.257 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. -0.000 min

Lab File: VV039291.D

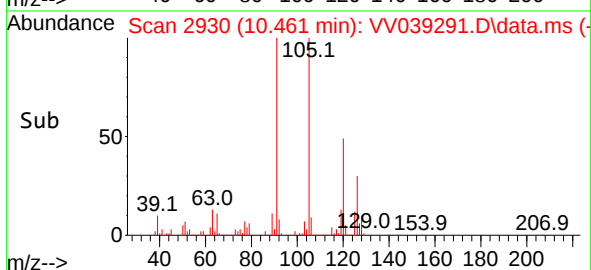
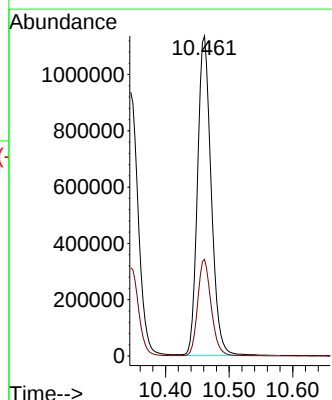
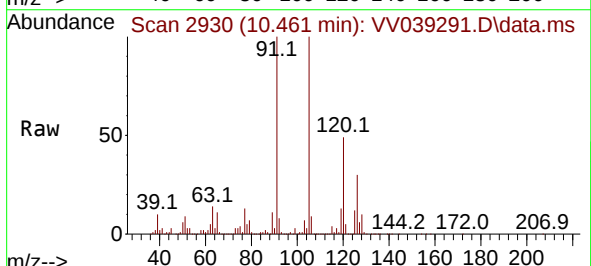
Acq: 21 Oct 2025 09:04

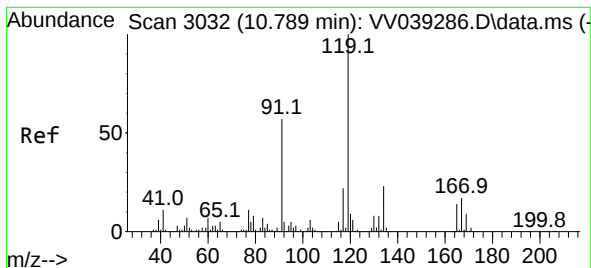
Tgt Ion: 91 Resp: 1692573

Ion Ratio Lower Upper

91 100

126 29.7 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.556 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

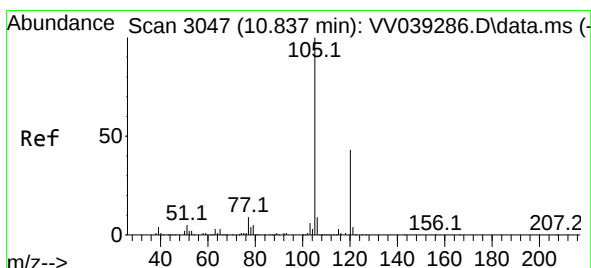
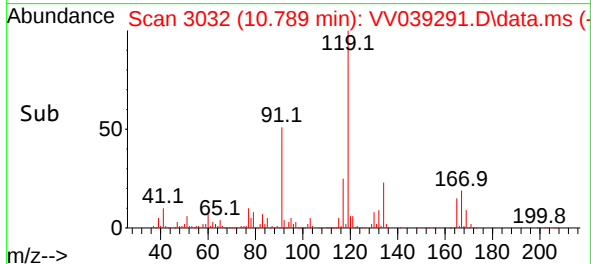
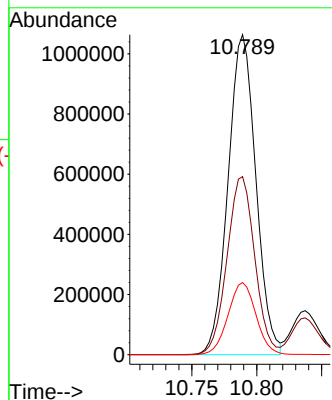
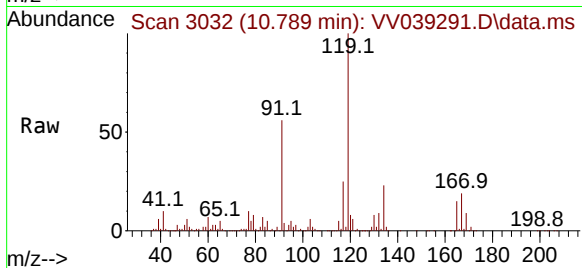
Tgt Ion:119 Resp: 1585644

Ion Ratio Lower Upper

119 100

91 55.5 28.2 84.7

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.066 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039291.D

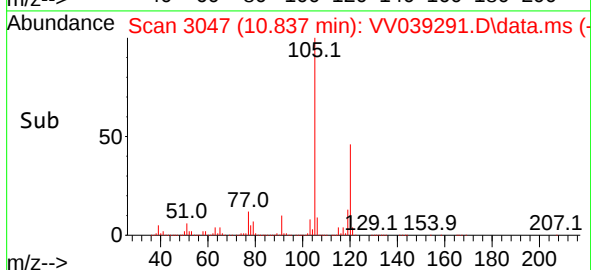
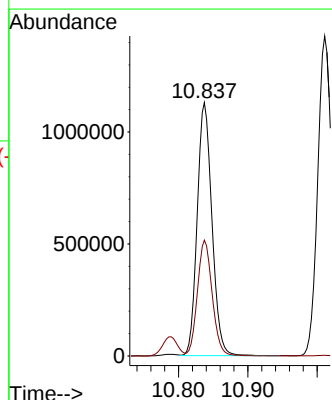
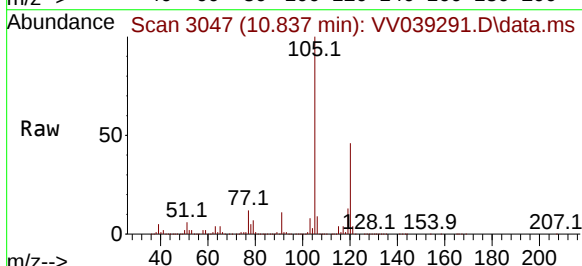
Acq: 21 Oct 2025 09:04

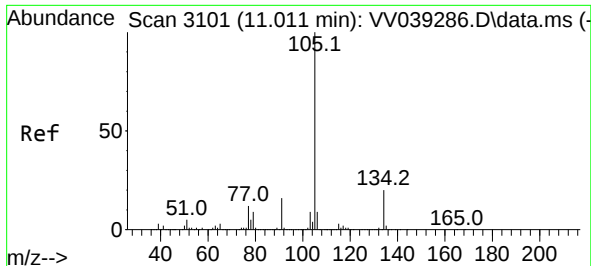
Tgt Ion:105 Resp: 1677030

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.4

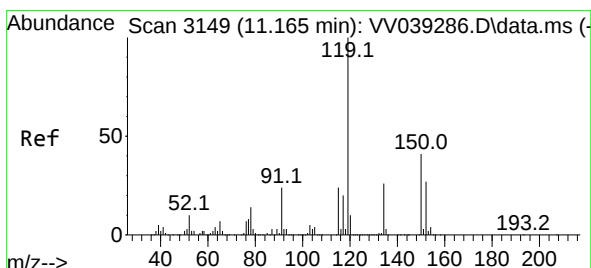
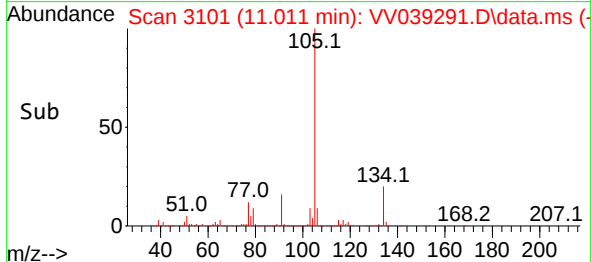
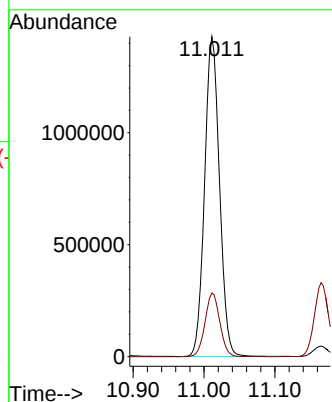
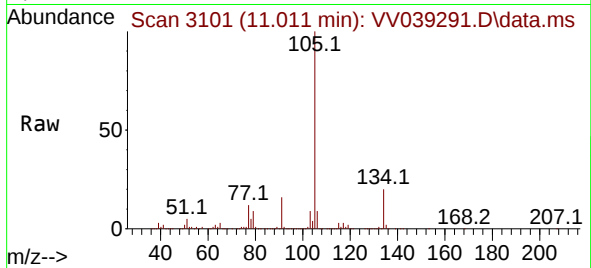




#85
 sec-Butylbenzene
 Concen: 54.571 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

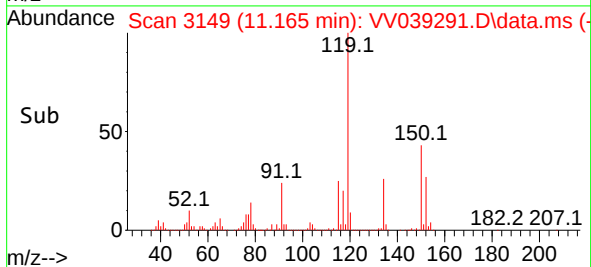
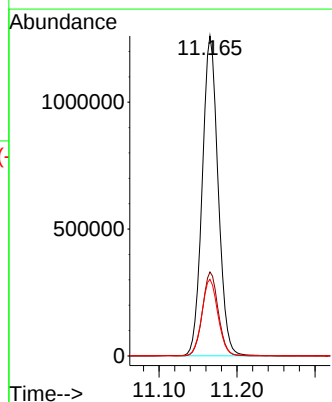
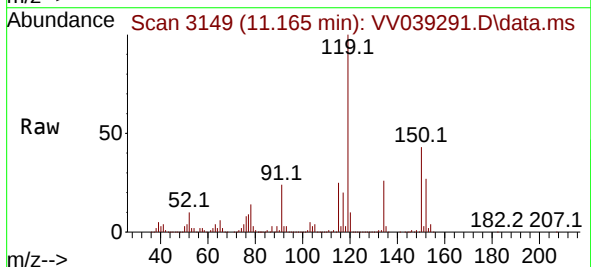
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

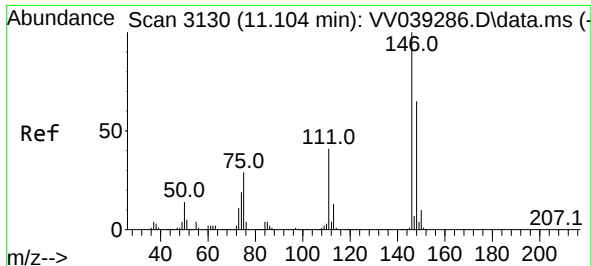
Tgt Ion:105 Resp: 2081706
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 54.243 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

Tgt Ion:119 Resp: 1779070
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.3 12.2 36.4

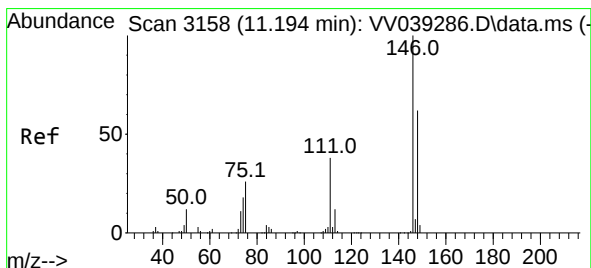
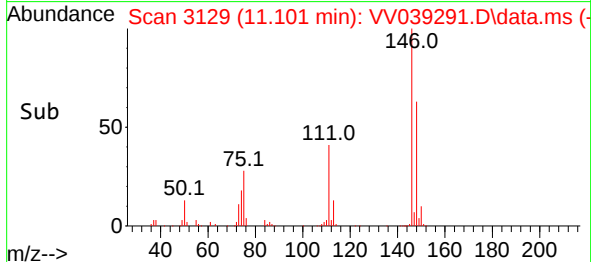
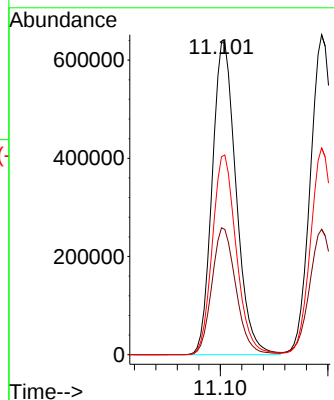
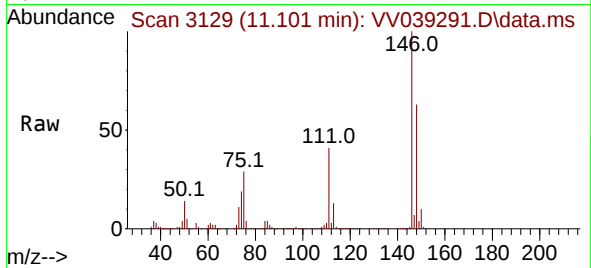




#87
1,3-Dichlorobenzene
Concen: 49.719 ug/l
RT: 11.101 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

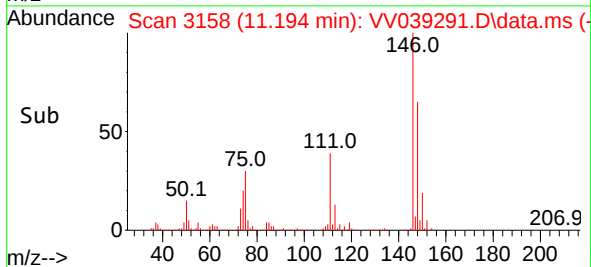
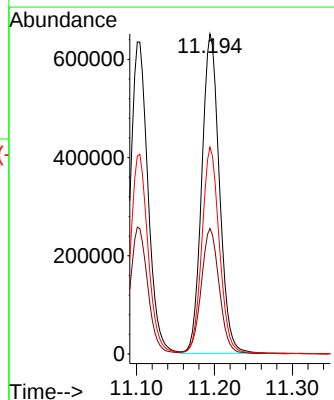
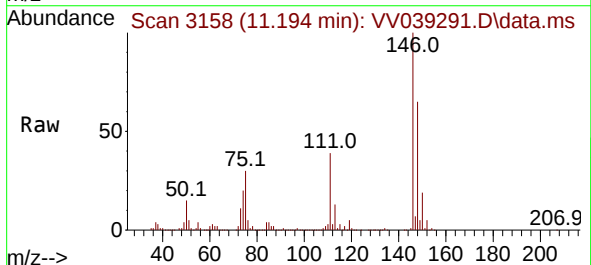
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

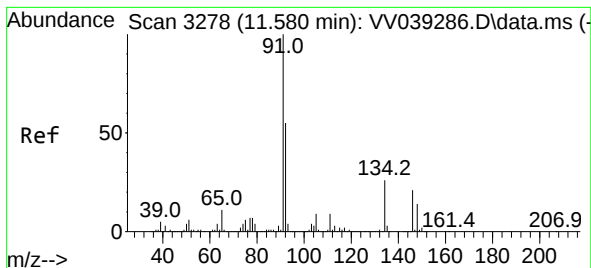
Tgt Ion:146 Resp: 987659
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 46.127 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:146 Resp: 1025488
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 54.687 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

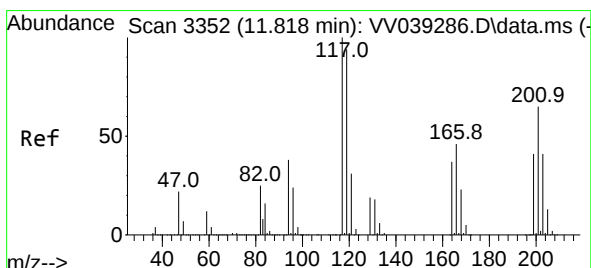
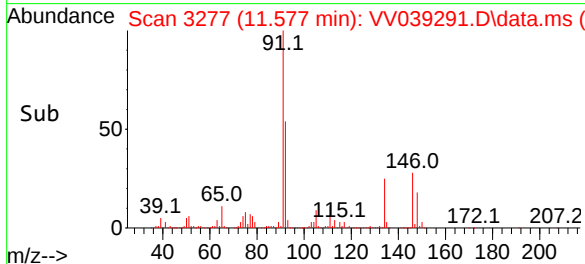
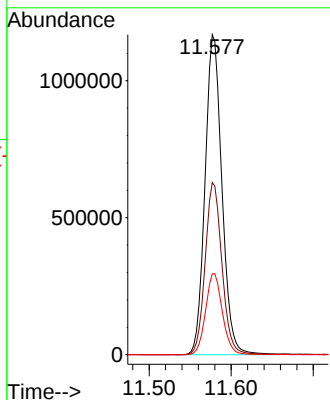
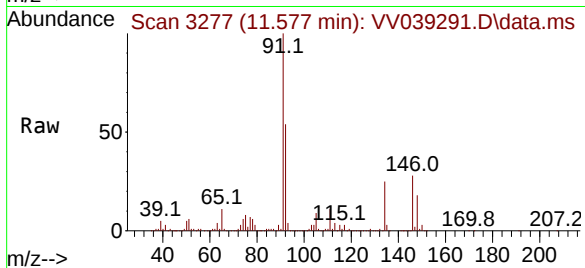
MSVOA_V

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1670322

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.6
134	25.2	12.6	37.8



#90

Hexachloroethane

Concen: 47.209 ug/l

RT: 11.818 min Scan# 3352

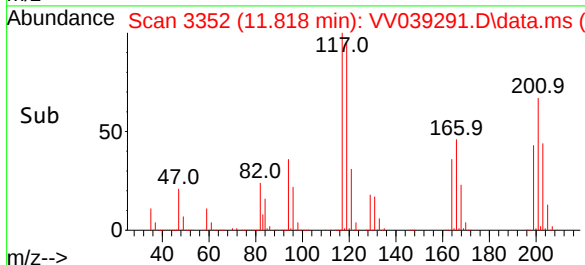
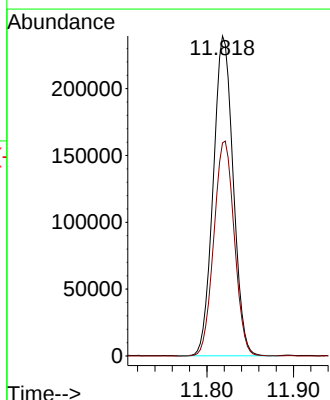
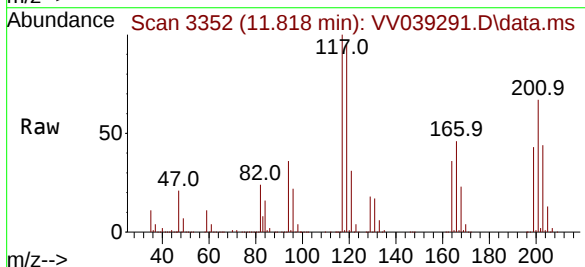
Delta R.T. -0.000 min

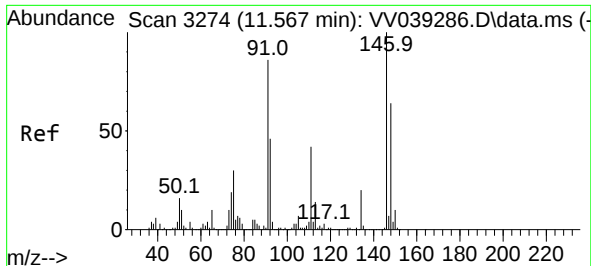
Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Tgt Ion: 117 Resp: 382867

Ion	Ratio	Lower	Upper
117	100		
201	68.8	33.7	101.1

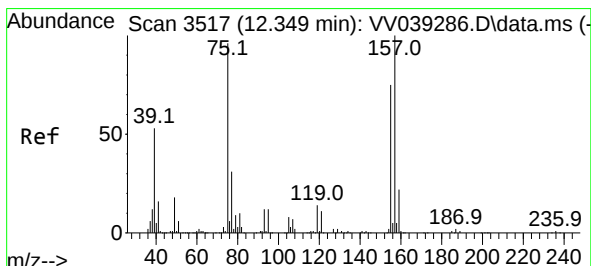
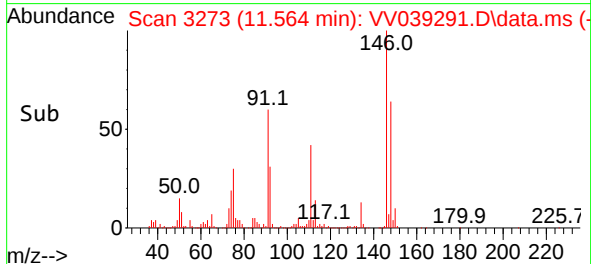
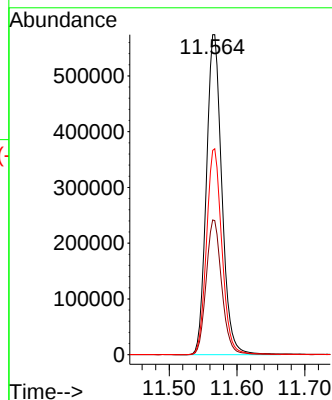
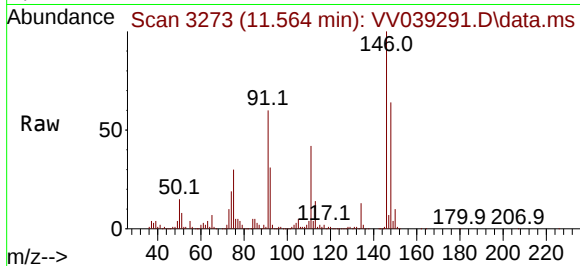




#91
 1,2-Dichlorobenzene
 Concen: 48.138 ug/l
 RT: 11.564 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

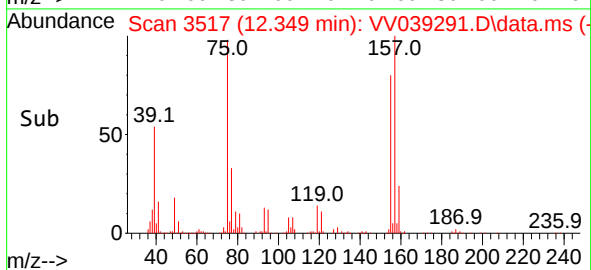
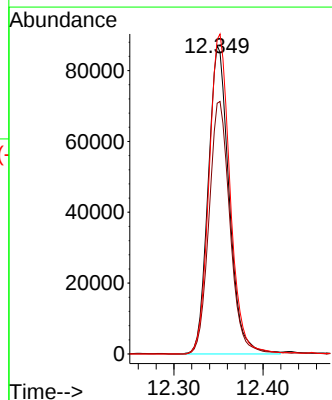
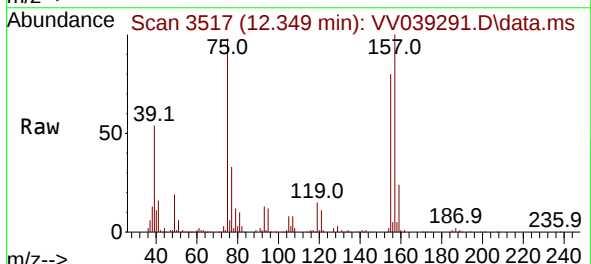
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

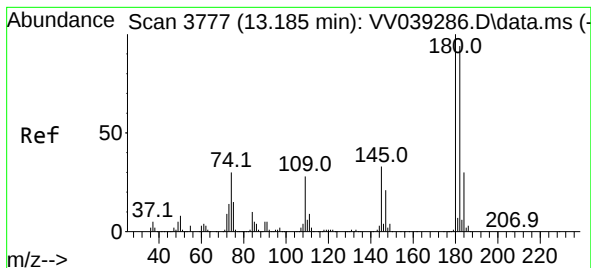
Tgt Ion:146 Resp: 909650
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 64.0
 148 64.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.366 ug/l
 RT: 12.349 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: VV039291.D
 Acq: 21 Oct 2025 09:04

Tgt Ion: 75 Resp: 141509
 Ion Ratio Lower Upper
 75 100
 155 82.2 40.8 122.5
 157 104.3 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 53.313 ug/l

RT: 13.184 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

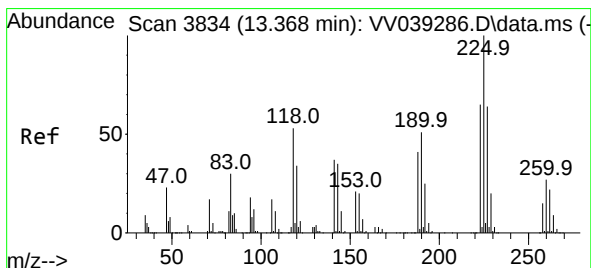
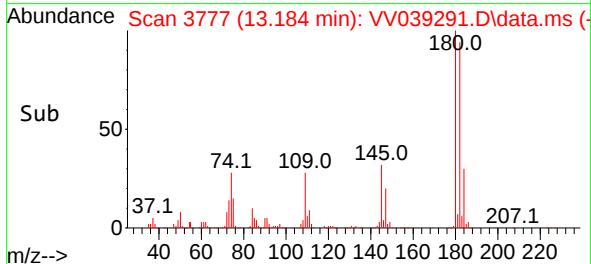
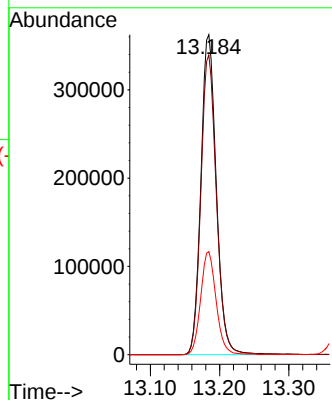
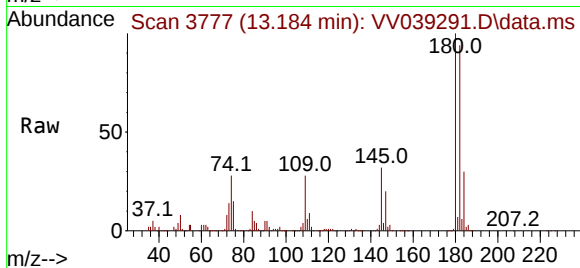
Tgt Ion:180 Resp: 561866

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 32.3 16.3 48.9



#94

Hexachlorobutadiene

Concen: 48.395 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039291.D

Acq: 21 Oct 2025 09:04

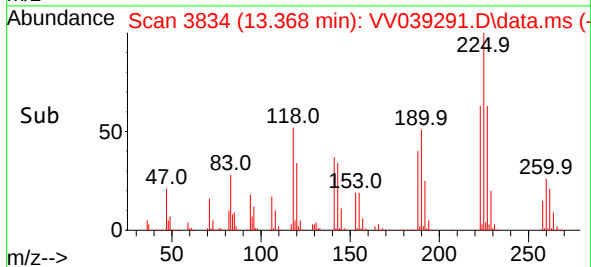
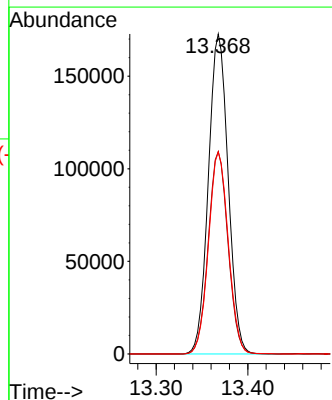
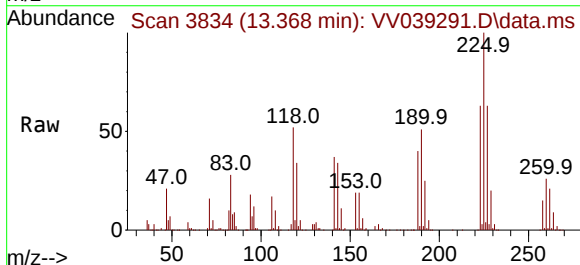
Tgt Ion:225 Resp: 258265

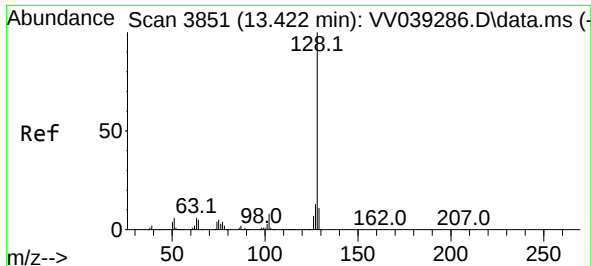
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 63.3 31.7 95.1

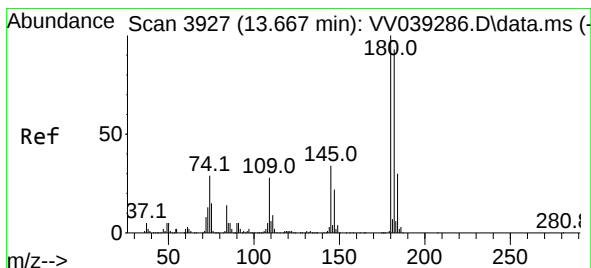
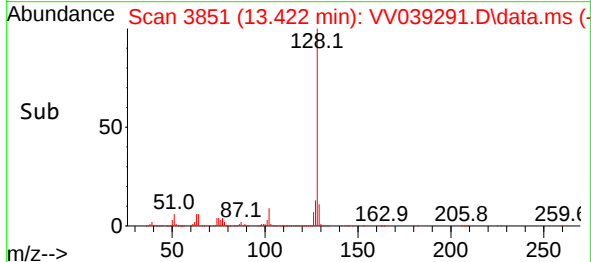
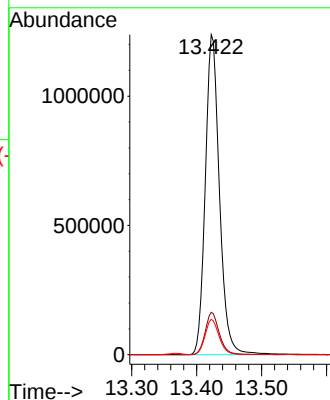
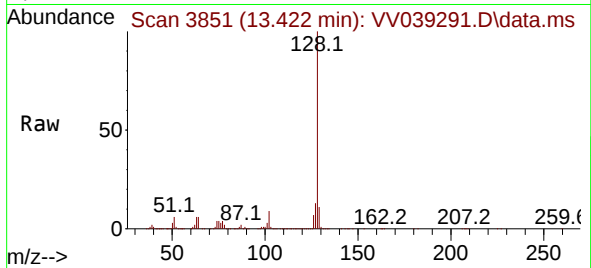




#95
Naphthalene
Concen: 54.365 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1877172
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.687 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV039291.D
Acq: 21 Oct 2025 09:04

Tgt Ion:180 Resp: 577108
Ion Ratio Lower Upper
180 100
182 94.6 46.7 140.1
145 34.5 17.2 51.5

