

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW100325\
 Data File : VW039263.D
 Acq On : 03 Oct 2025 20:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 01:18:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	688233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1053887	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1014395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	596087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	301418	30.260	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	60.520%#
35) Dibromofluoromethane	4.500	113	306456	36.171	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	72.340%#
50) Toluene-d8	7.236	98	837470	33.656	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	67.320%#
62) 4-Bromofluorobenzene	9.998	95	413217	40.338	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	80.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	325701	29.895	ug/l	97
3) Chloromethane	1.230	50	343507	29.370	ug/l	99
4) Vinyl Chloride	1.298	62	398749	31.846	ug/l	99
5) Bromomethane	1.494	94	232743	29.486	ug/l	99
6) Chloroethane	1.558	64	259235	34.244	ug/l	99
7) Trichlorofluoromethane	1.725	101	630306	34.769	ug/l	99
8) Diethyl Ether	1.918	74	229655	34.125	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	380378	35.265	ug/l	97
10) Methyl Iodide	2.195	142	352706	34.337	ug/l	99
11) Tert butyl alcohol	2.571	59	399040	189.546	ug/l	99
12) 1,1-Dichloroethene	2.082	96	363069	34.989	ug/l	90
13) Acrolein	2.008	56	31520	86.284	ug/l	93
14) Allyl chloride	2.355	41	593742	32.032	ug/l	96
15) Acrylonitrile	2.674	53	1154674	171.096	ug/l	99
16) Acetone	2.117	43	931845	145.588	ug/l	96
17) Carbon Disulfide	2.252	76	911898	28.735	ug/l	99
18) Methyl Acetate	2.378	43	603259	40.875	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1211712	36.645	ug/l	98
20) Methylene Chloride	2.455	84	439554	40.206	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	387187	35.050	ug/l	94
22) Diisopropyl ether	3.217	45	1224503	34.528	ug/l	96
23) Vinyl Acetate	3.188	43	5098174	164.332	ug/l	97
24) 1,1-Dichloroethane	3.117	63	730489	33.682	ug/l	98
25) 2-Butanone	3.867	43	1377278	172.672	ug/l	97
26) 2,2-Dichloropropane	3.812	77	539224	28.041	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	433530	35.584	ug/l	95
28) Bromochloromethane	4.146	49	336040	35.098	ug/l	90
29) Tetrahydrofuran	4.236	42	888841	178.033	ug/l	95
30) Chloroform	4.278	83	770615	34.028	ug/l	100
31) Cyclohexane	4.584	56	519765	29.256	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	664446	33.890	ug/l	98
36) 1,1-Dichloropropene	4.744	75	471873	36.838	ug/l	98
37) Ethyl Acetate	3.976	43	536428	34.512	ug/l	97
38) Carbon Tetrachloride	4.735	117	565966	36.152	ug/l	99
39) Methylcyclohexane	6.047	83	524665	33.917	ug/l	100
40) Benzene	5.008	78	1542533	36.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	246960	35.709	ug/l	95
42) 1,2-Dichloroethane	5.040	62	528616	36.169	ug/l	98
43) Isopropyl Acetate	5.194	43	801339	37.812	ug/l	99
44) Trichloroethene	5.831	130	379095	39.385	ug/l	100
45) 1,2-Dichloropropane	6.088	63	398823	38.467	ug/l	96
46) Dibromomethane	6.223	93	301882	38.043	ug/l	94
47) Bromodichloromethane	6.426	83	620517	37.825	ug/l	99
48) Methyl methacrylate	6.297	41	378510	39.400	ug/l	96
49) 1,4-Dioxane	6.291	88	135511	874.079	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	2870675	205.896	ug/l	97
52) Toluene	7.307	92	983324	40.659	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	570133	39.879	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	621303	39.366	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	423679	39.070	ug/l	99
56) Ethyl methacrylate	7.715	69	568221	44.123	ug/l	94
57) 1,3-Dichloropropane	7.934	76	666246	38.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1136945	159.959	ug/l	96
59) 2-Hexanone	8.063	43	2121271	189.059	ug/l	97
60) Dibromochloromethane	8.165	129	493885	39.970	ug/l	98
61) 1,2-Dibromoethane	8.271	107	452157	40.771	ug/l	99
64) Tetrachloroethene	7.895	164	339819	39.995	ug/l	99
65) Chlorobenzene	8.805	112	1108300	39.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	415589	40.707	ug/l	99
67) Ethyl Benzene	8.937	91	1813835	42.408	ug/l	99
68) m/p-Xylenes	9.062	106	1476935	89.469	ug/l	99
69) o-Xylene	9.468	106	663667	45.405	ug/l	97
70) Styrene	9.484	104	1256485	40.823	ug/l	99
71) Bromoform	9.654	173	342943	43.004	ug/l #	99
73) Isopropylbenzene	9.857	105	1809630	41.856	ug/l	100
74) N-amyl acetate	9.725	43	735344	42.640	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	689736	36.411	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	519910	38.308	ug/l	99
77) Bromobenzene	10.140	156	459232	40.940	ug/l	98
78) n-propylbenzene	10.278	91	2200200	41.790	ug/l	99
79) 2-Chlorotoluene	10.349	91	1326337	42.101	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1560698	43.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	218024	38.565	ug/l	97
82) 4-Chlorotoluene	10.461	91	1575524	43.129	ug/l	98
83) tert-Butylbenzene	10.789	119	1452706	40.540	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1571288	45.038	ug/l	99
85) sec-Butylbenzene	11.011	105	1901272	40.003	ug/l	99
86) p-Isopropyltoluene	11.165	119	1630227	41.211	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	914496	40.283	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	964103	38.710	ug/l	99
89) n-Butylbenzene	11.580	91	1520280	40.240	ug/l	100
90) Hexachloroethane	11.818	117	338112	34.709	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	861767	40.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	144646	42.713	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	508183	41.798	ug/l	100
94) Hexachlorobutadiene	13.368	225	201862	31.953	ug/l	99
95) Naphthalene	13.422	128	1827270	46.499	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	530581	42.669	ug/l	99

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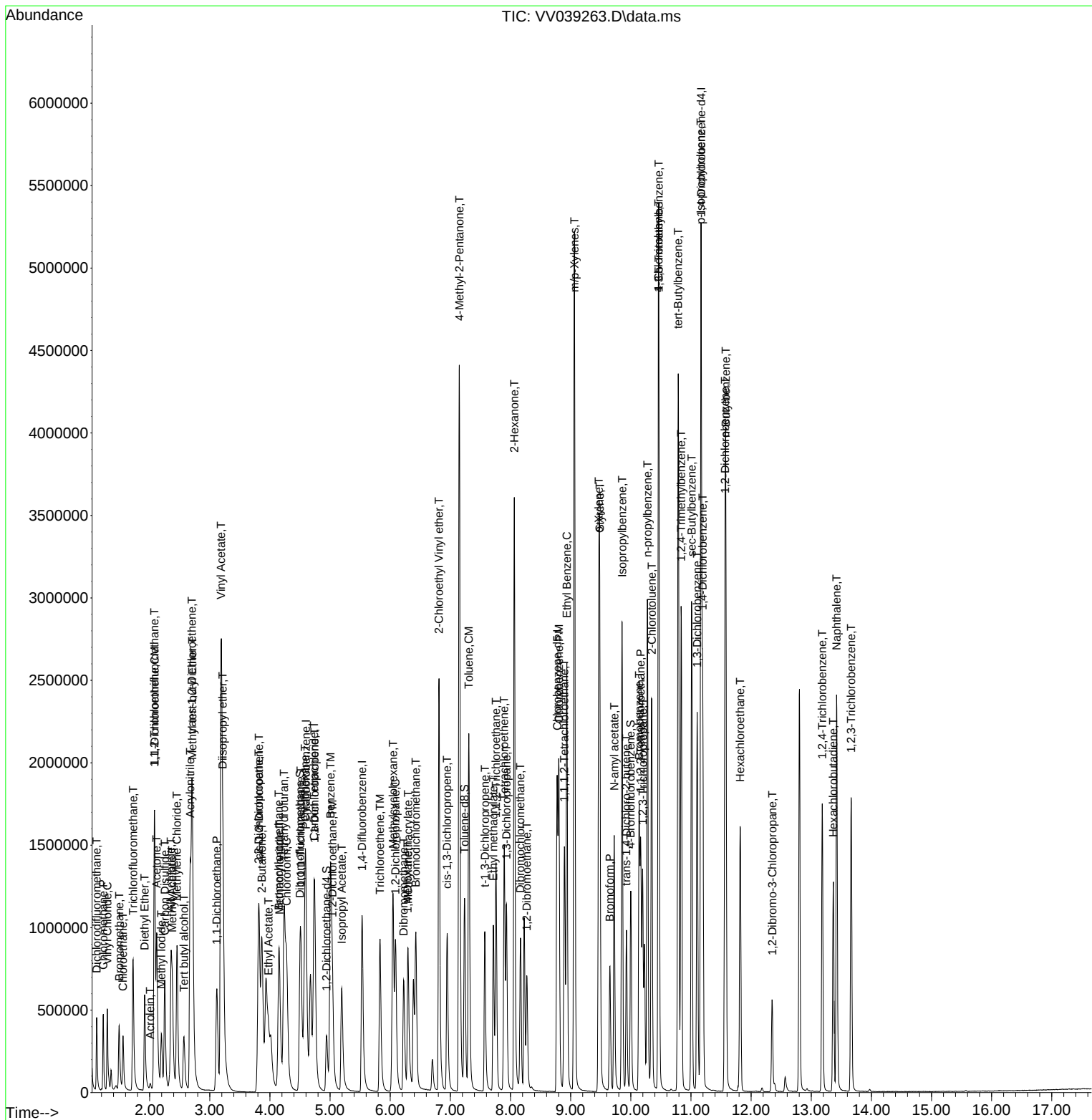
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

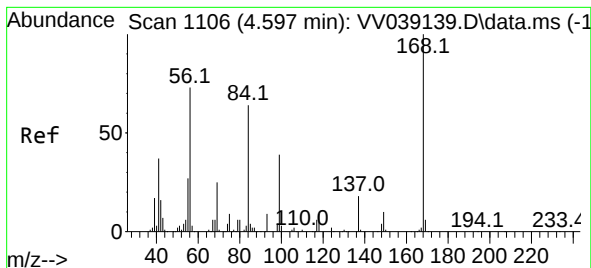
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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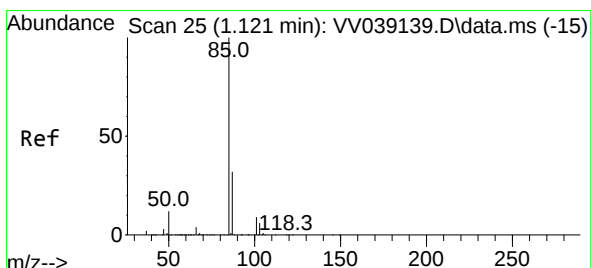
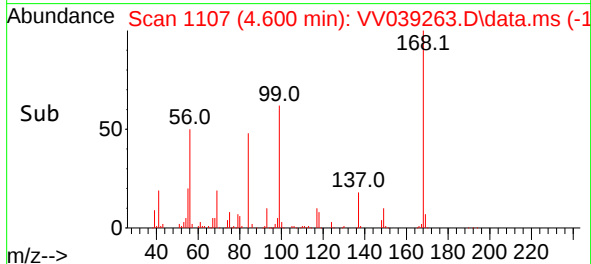
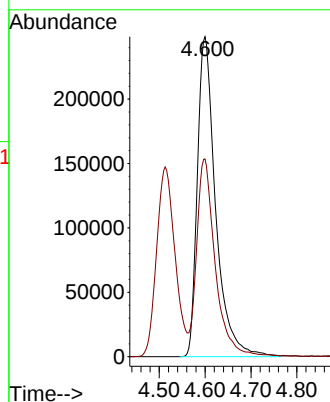
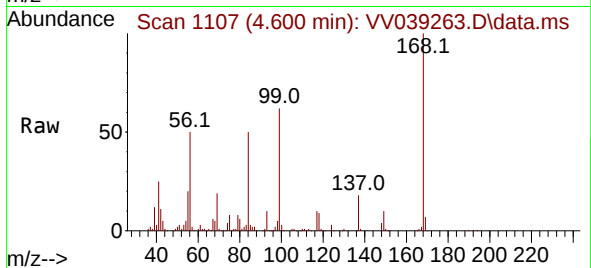




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
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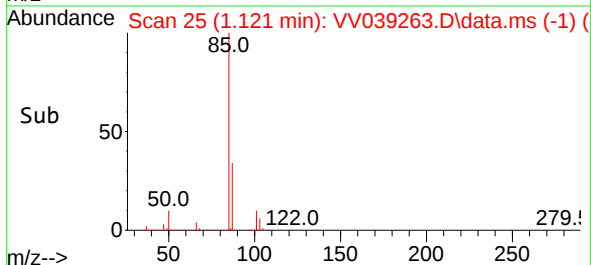
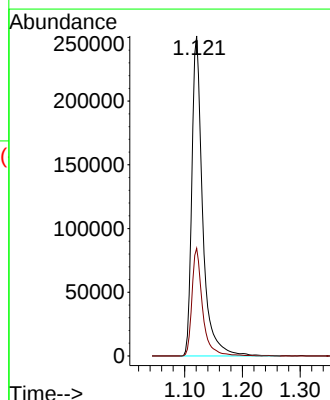
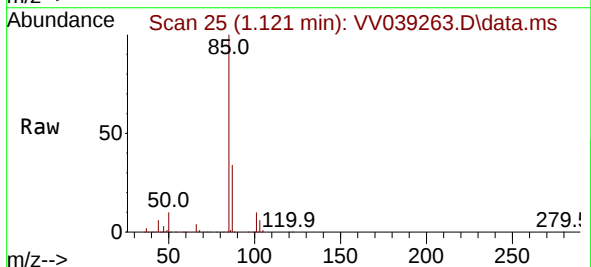
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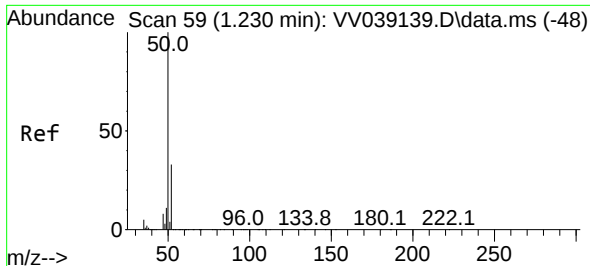
Tgt Ion:168 Resp: 688233
Ion Ratio Lower Upper
168 100
99 61.5 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 29.895 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 85 Resp: 325701
Ion Ratio Lower Upper
85 100
87 33.7 16.0 47.9

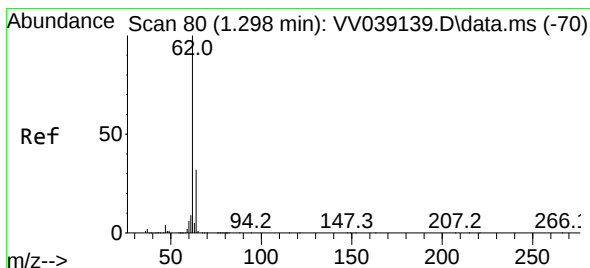
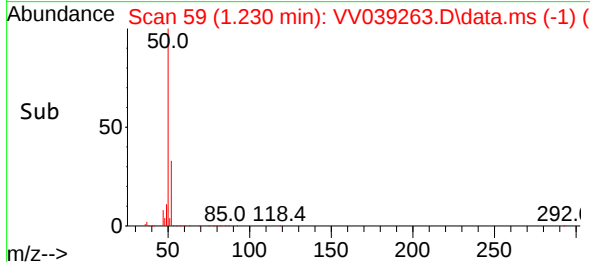
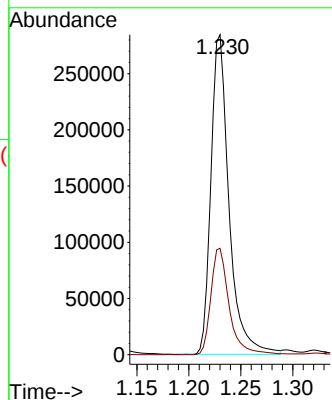
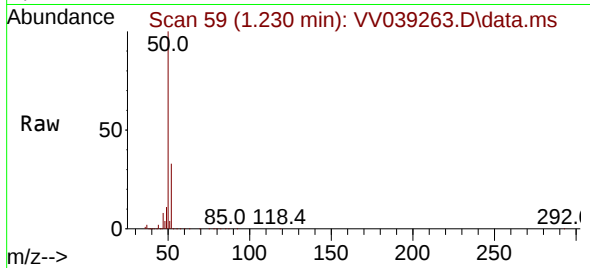




#3
Chloromethane
Concen: 29.370 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

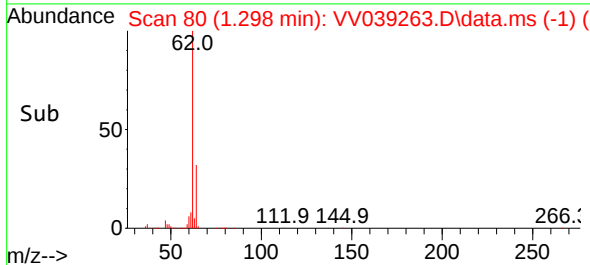
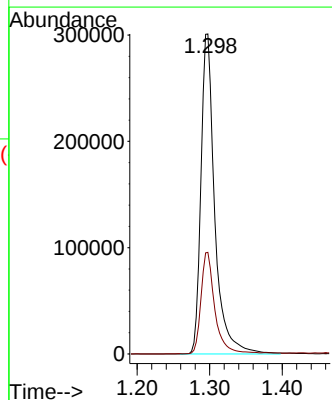
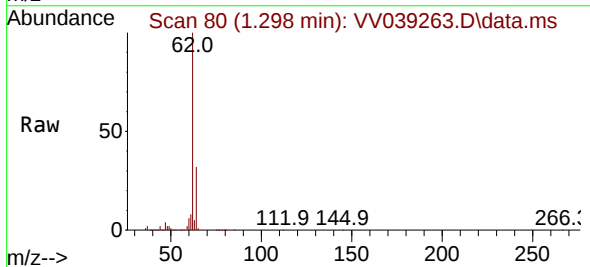
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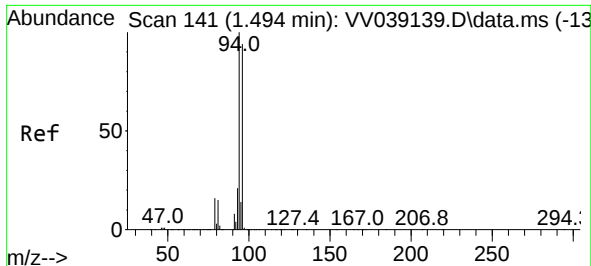
Tgt Ion: 50 Resp: 343507
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 31.846 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 62 Resp: 398749
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

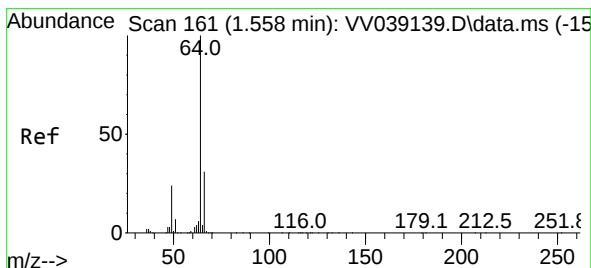
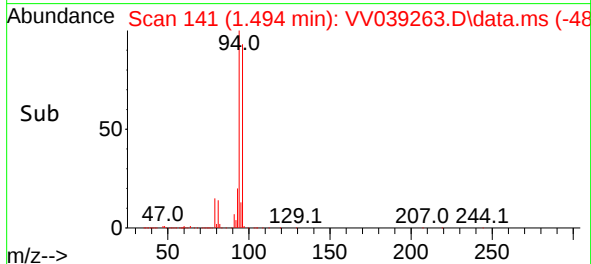
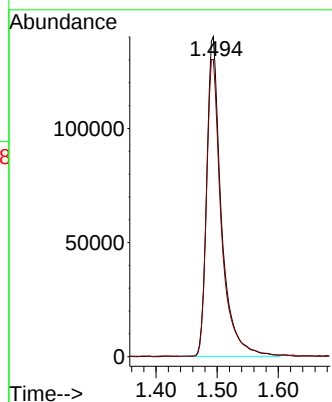
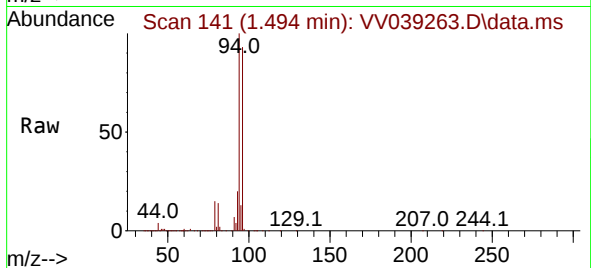




#5
Bromomethane
Concen: 29.486 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039263.D
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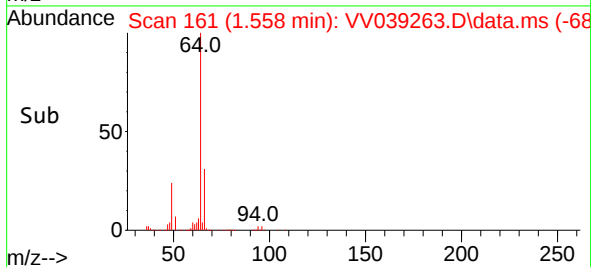
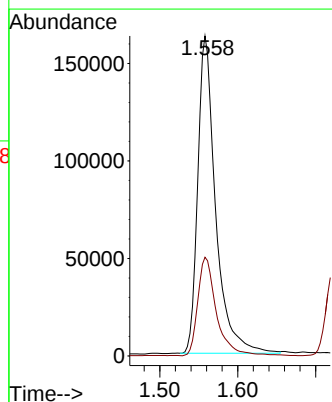
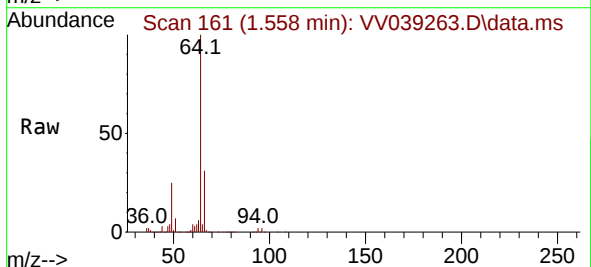
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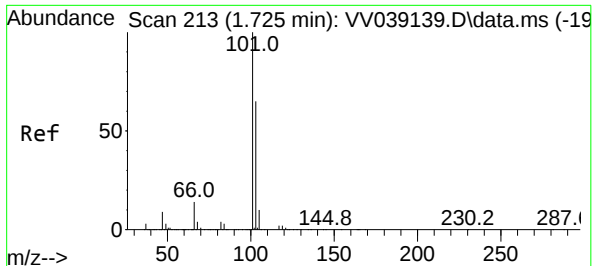
Tgt Ion: 94 Resp: 232743
Ion Ratio Lower Upper
94 100
96 92.9 74.9 112.3



#6
Chloroethane
Concen: 34.244 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039263.D
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Tgt Ion: 64 Resp: 259235
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8

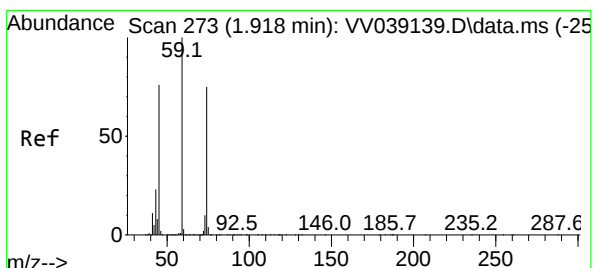
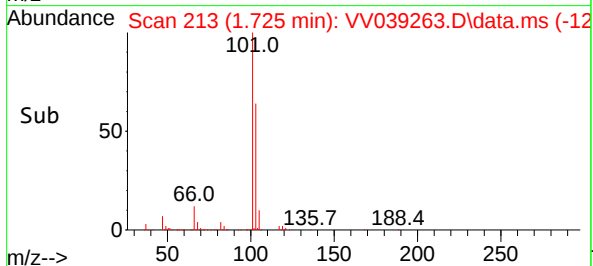
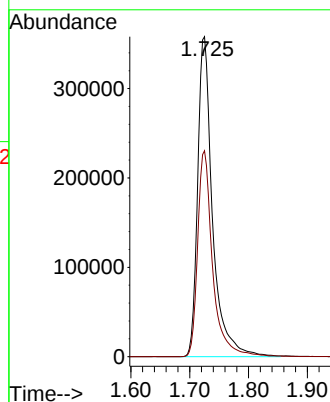
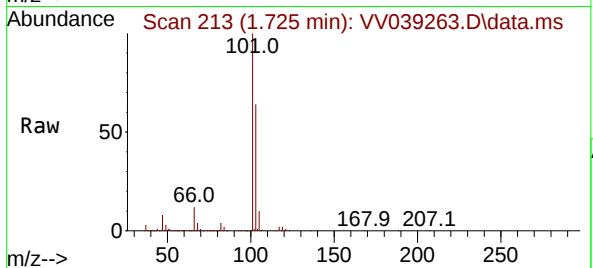




#7
 Trichlorofluoromethane
 Concen: 34.769 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039263.D
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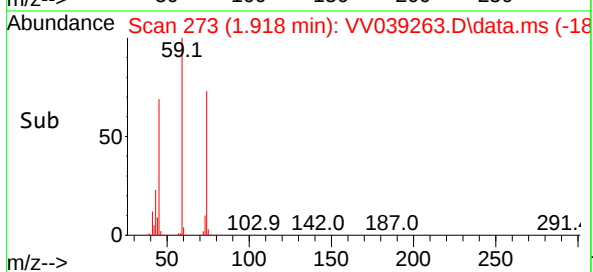
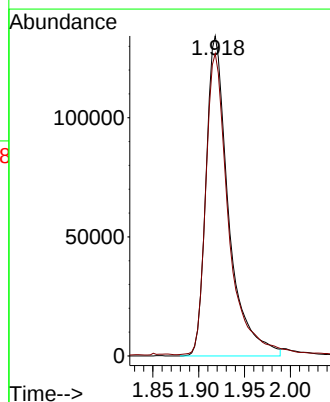
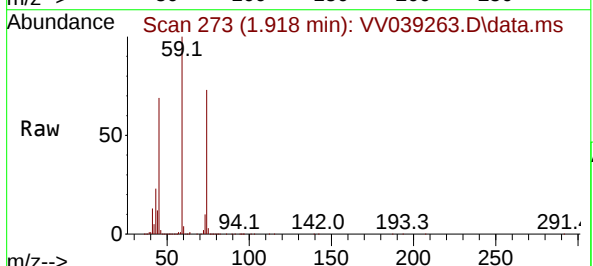
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Tgt Ion:101 Resp: 630306
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.0 78.0



#8
 Diethyl Ether
 Concen: 34.125 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039263.D
 Acq: 03 Oct 2025 20:19

Tgt Ion: 74 Resp: 229655
 Ion Ratio Lower Upper
 74 100
 45 95.3 49.6 148.8

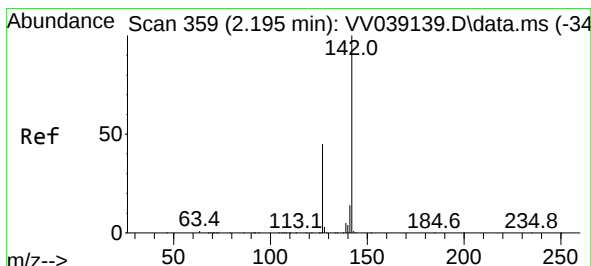
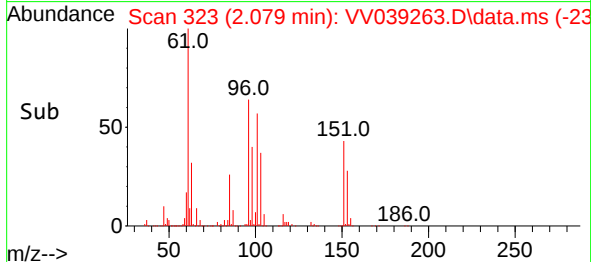
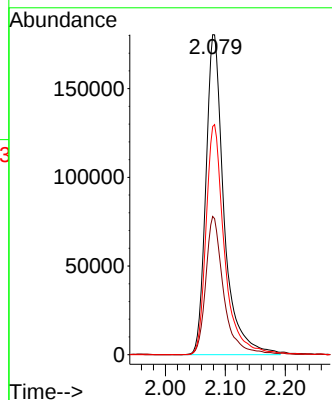
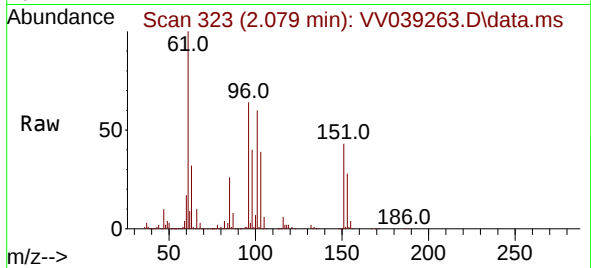




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.265 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
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Acq: 03 Oct 2025 20:19

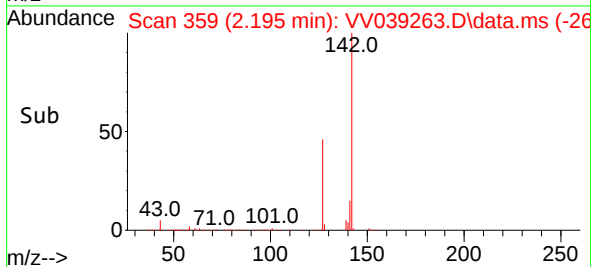
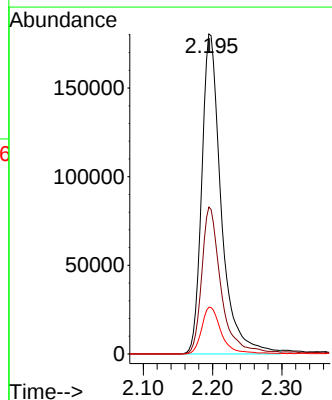
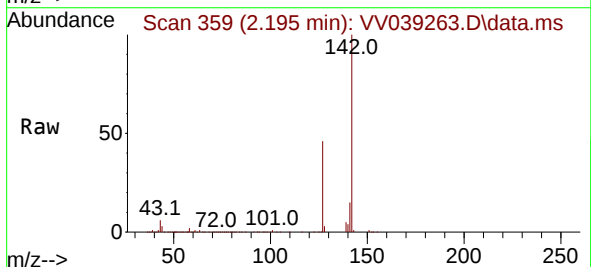
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

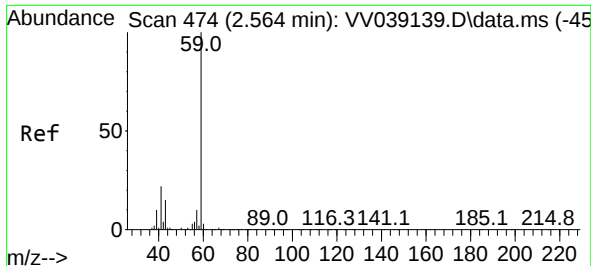
Tgt Ion:101 Resp: 380378
Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.2
151 73.0 56.3 84.5



#10
Methyl Iodide
Concen: 34.337 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion:142 Resp: 352706
Ion Ratio Lower Upper
142 100
127 45.8 36.3 54.5
141 14.6 11.2 16.8

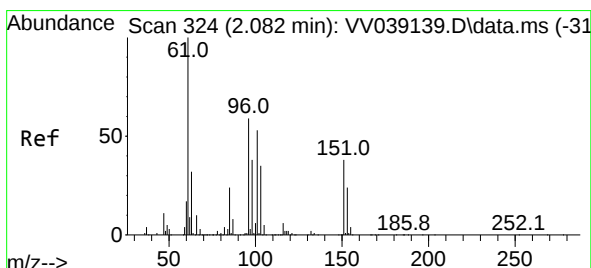
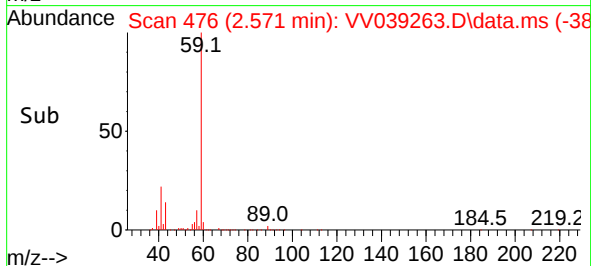
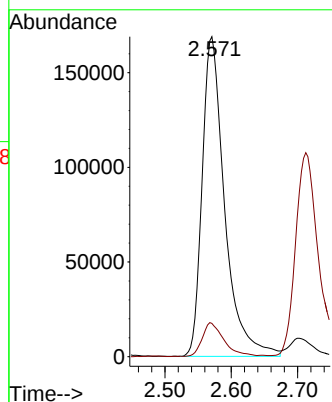
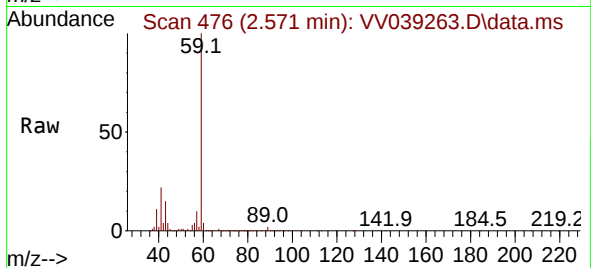




#11
Tert butyl alcohol
Concen: 189.546 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

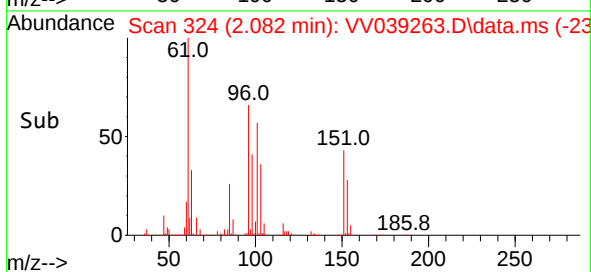
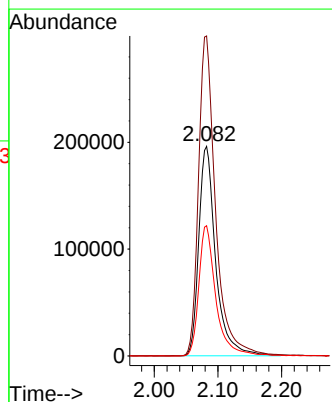
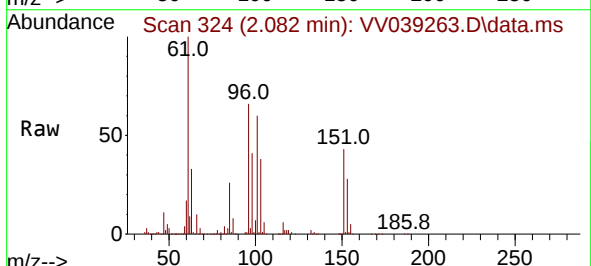
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 399040
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 34.989 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 96 Resp: 363069
Ion Ratio Lower Upper
96 100
61 152.7 136.0 204.0
98 62.2 51.0 76.6

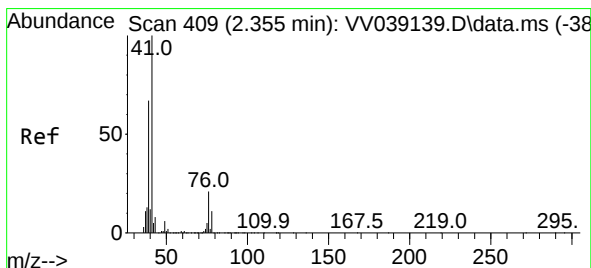
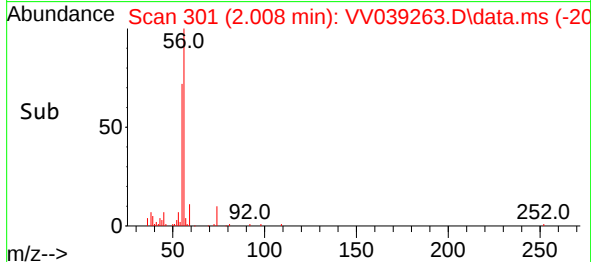
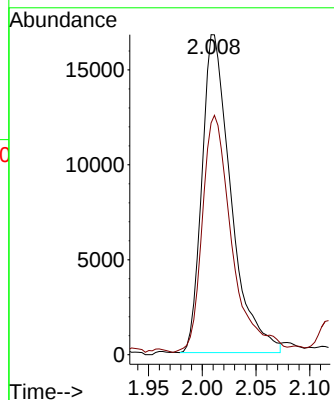
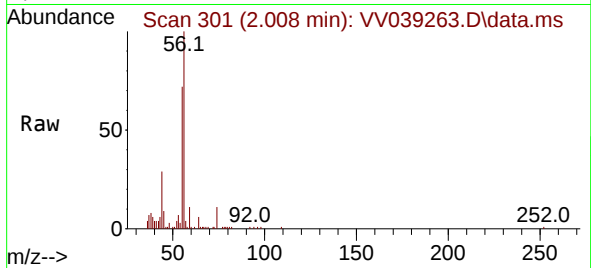




#13
Acrolein
Concen: 86.284 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

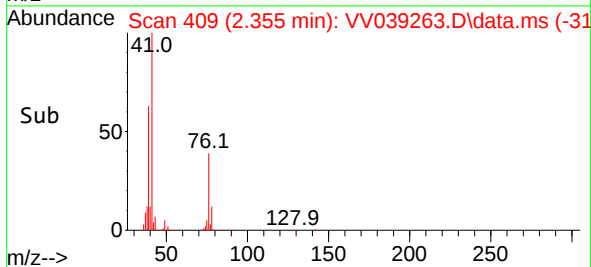
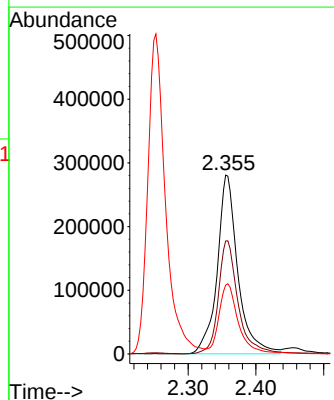
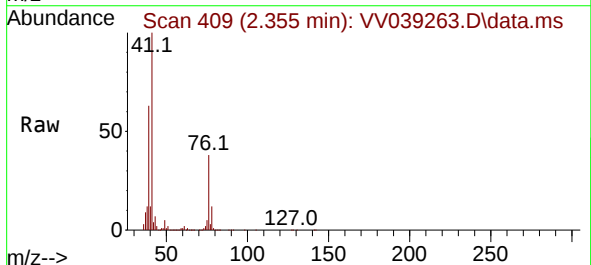
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

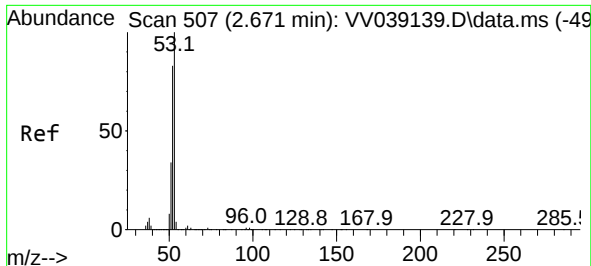
Tgt Ion: 56 Resp: 31520
Ion Ratio Lower Upper
56 100
55 75.9 56.2 84.4



#14
Allyl chloride
Concen: 32.032 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 41 Resp: 593742
Ion Ratio Lower Upper
41 100
39 60.5 51.0 76.6
76 37.2 28.2 42.4



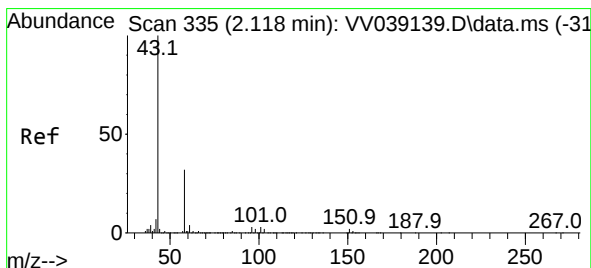
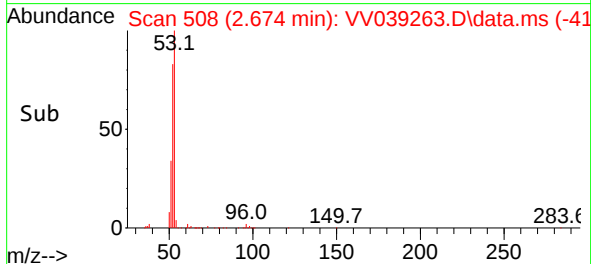
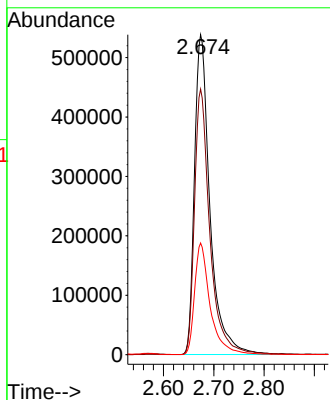
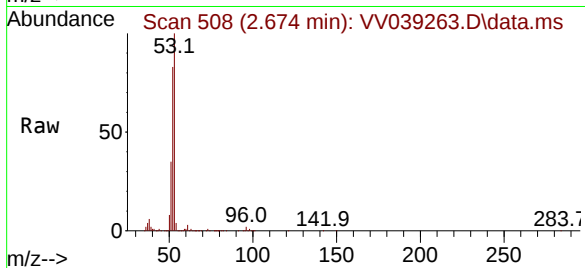


#15
Acrylonitrile
Concen: 171.096 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1154674

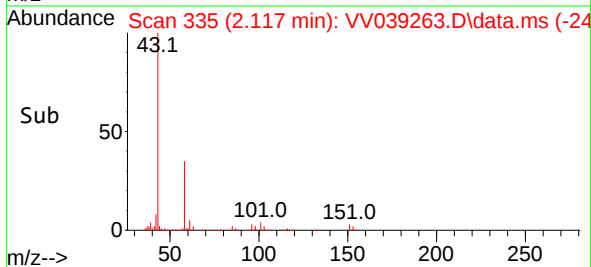
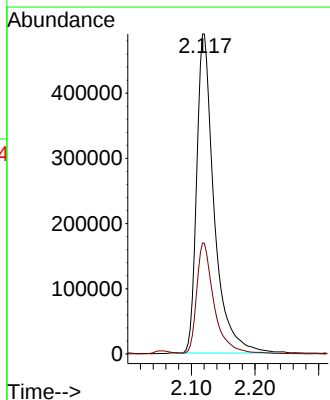
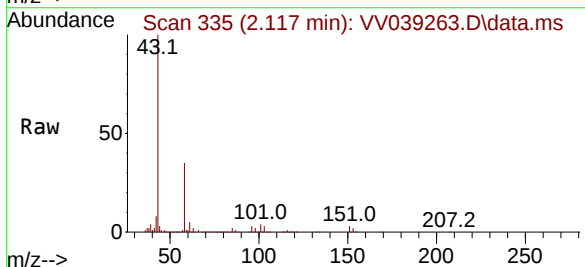
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.1	28.5	42.7

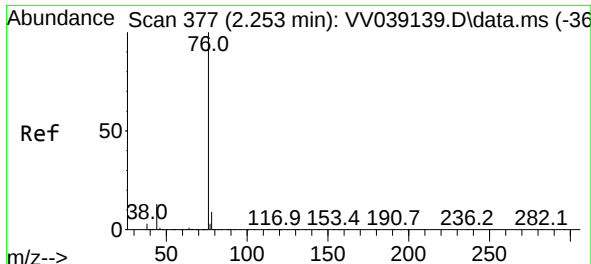


#16
Acetone
Concen: 145.588 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 43 Resp: 931845

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.8	38.6

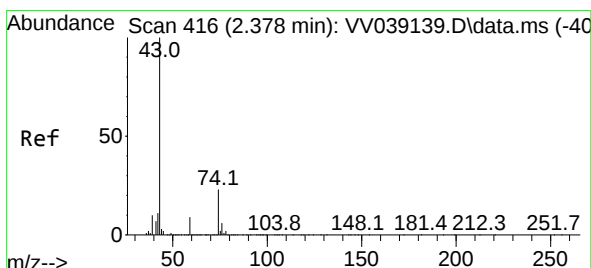
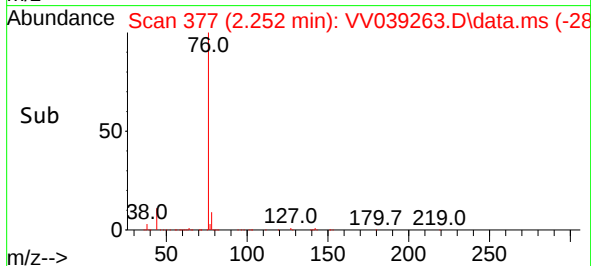
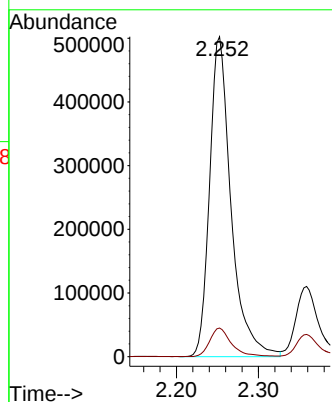
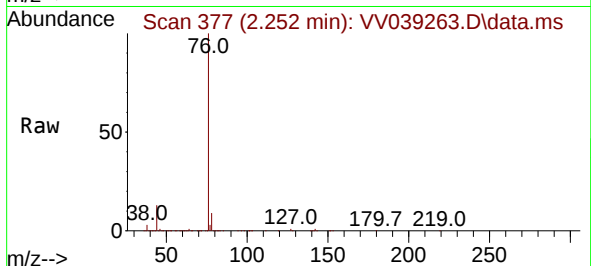




#17
Carbon Disulfide
Concen: 28.735 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

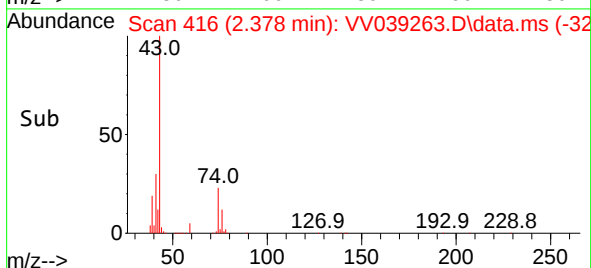
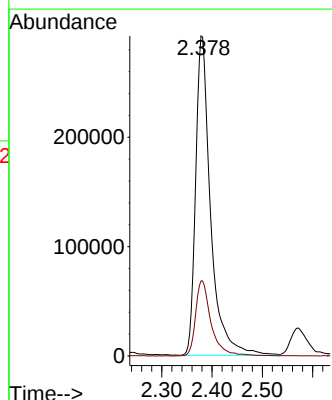
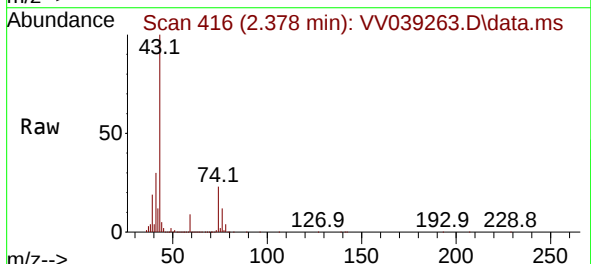
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 911898
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 40.875 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 43 Resp: 603259
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8

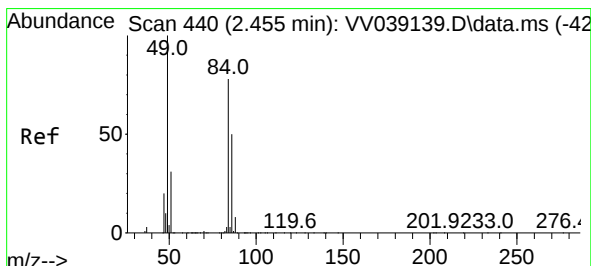
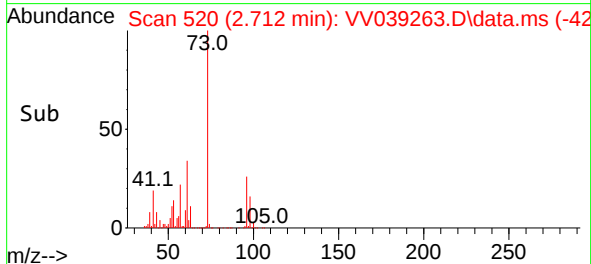
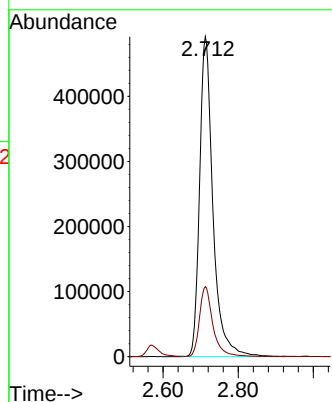
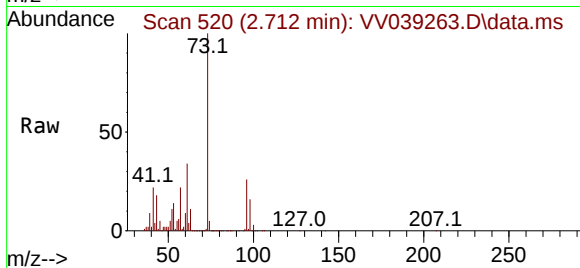




#19
Methyl tert-butyl Ether
Concen: 36.645 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

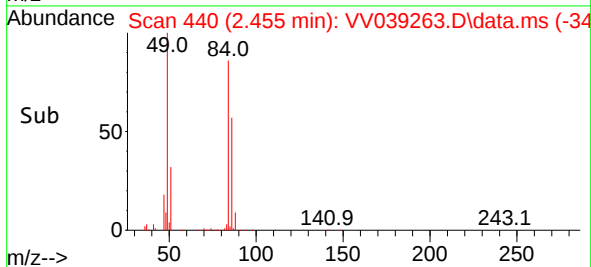
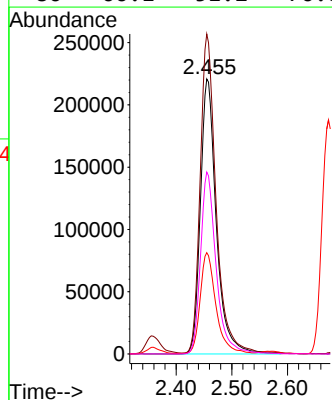
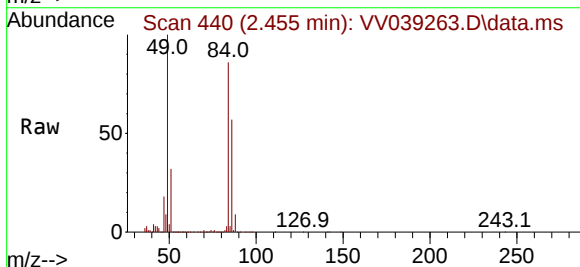
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1211712
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4



#20
Methylene Chloride
Concen: 40.206 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 84 Resp: 439554
Ion Ratio Lower Upper
84 100
49 116.0 102.8 154.2
51 36.6 31.9 47.9
86 66.1 51.2 76.8

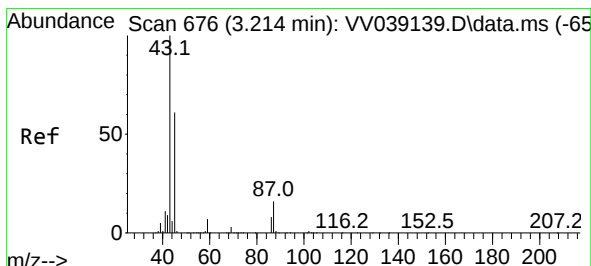
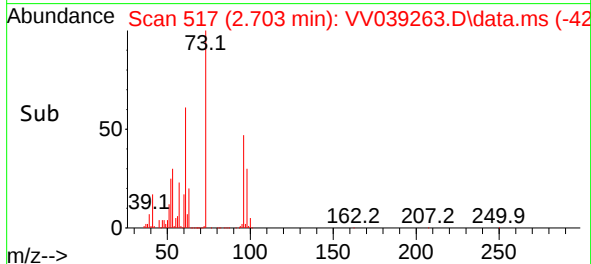
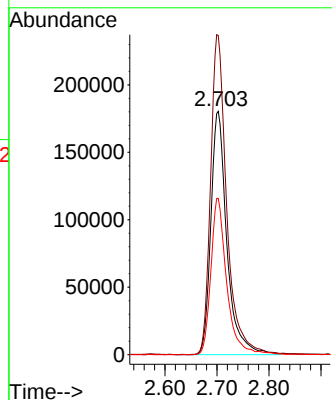
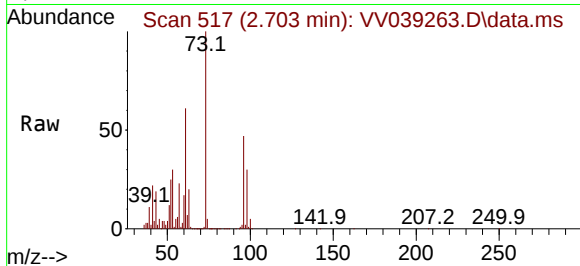




#21
trans-1,2-Dichloroethene
Concen: 35.050 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

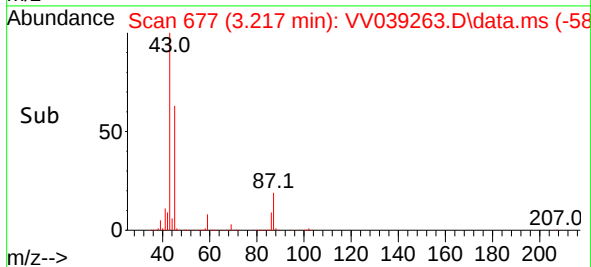
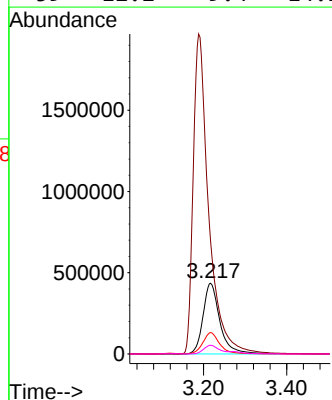
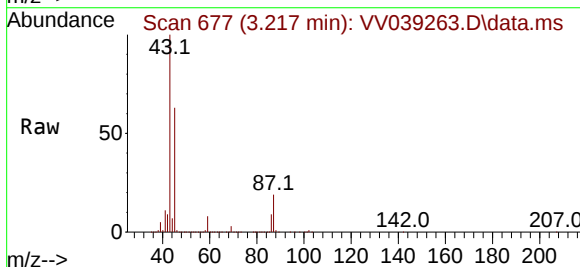
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 387187
Ion Ratio Lower Upper
96 100
61 131.0 112.8 169.2
98 64.3 51.1 76.7



#22
Diisopropyl ether
Concen: 34.528 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 45 Resp: 1224503
Ion Ratio Lower Upper
45 100
43 159.1 130.9 196.3
87 30.3 21.1 31.7
59 12.2 9.4 14.2

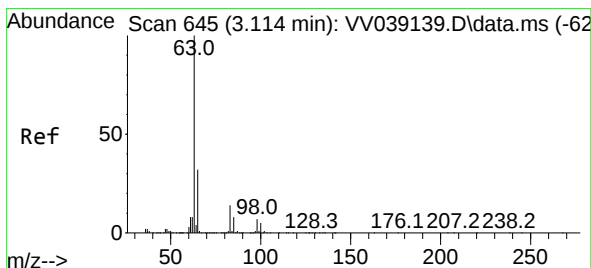
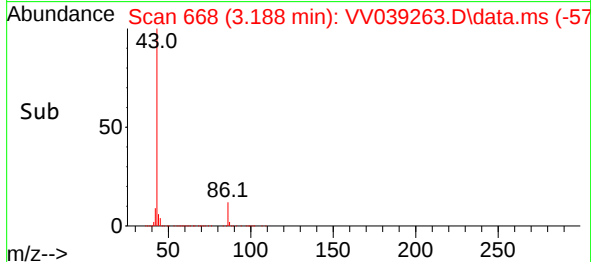
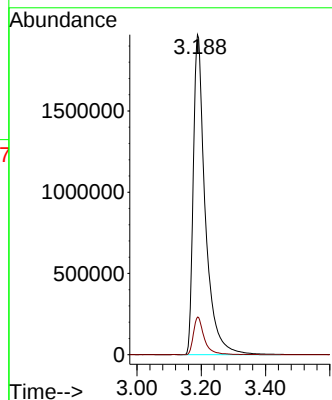
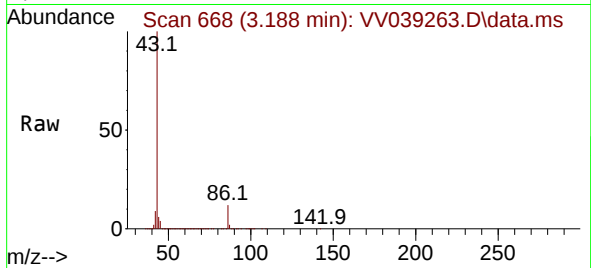




#23
 Vinyl Acetate
 Concen: 164.332 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039263.D
 Acq: 03 Oct 2025 20:19

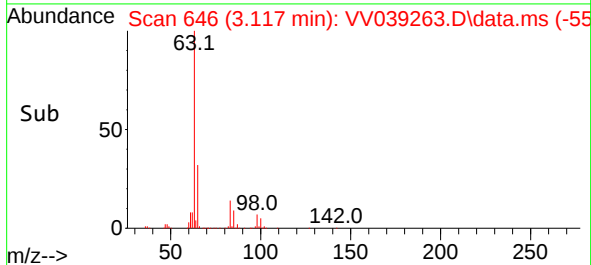
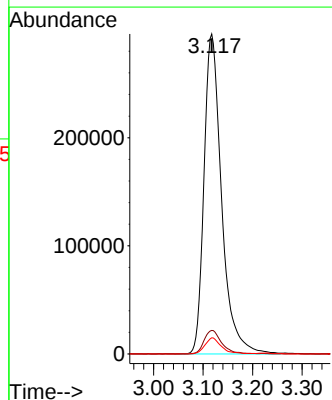
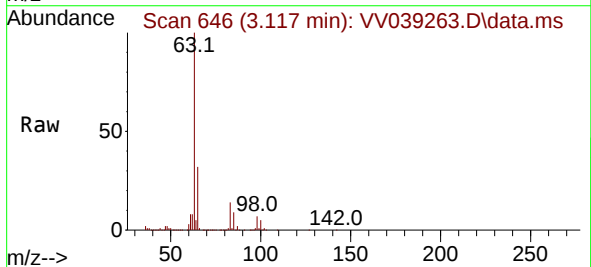
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

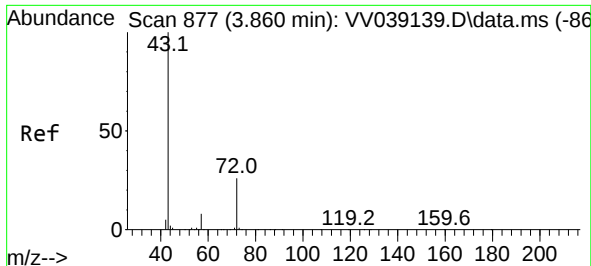
Tgt Ion: 43 Resp: 5098174
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 33.682 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039263.D
 Acq: 03 Oct 2025 20:19

Tgt Ion: 63 Resp: 730489
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 5.0 2.2 6.6

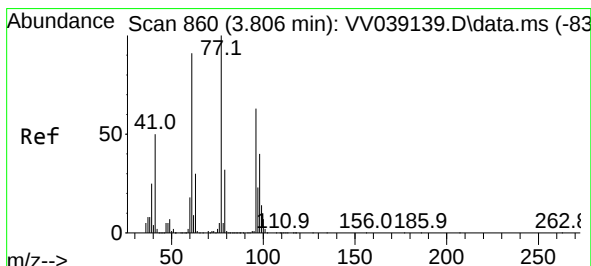
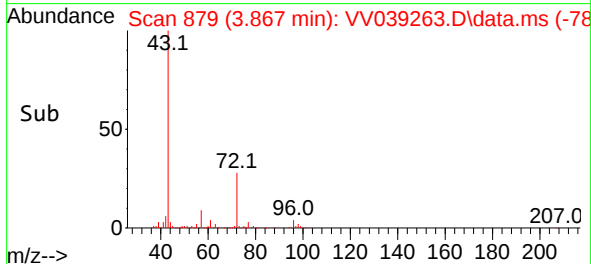
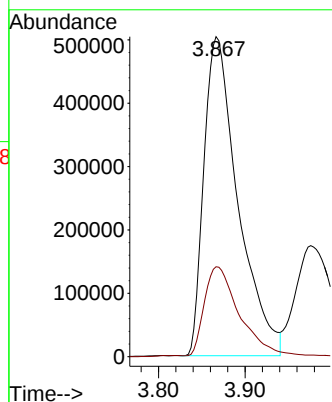
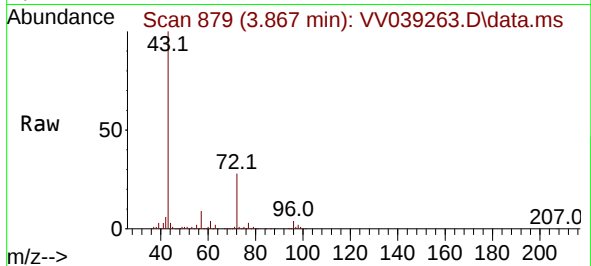




#25
2-Butanone
Concen: 172.672 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

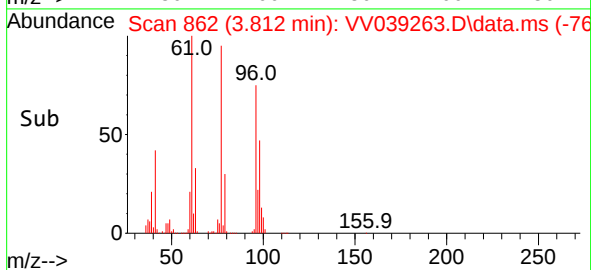
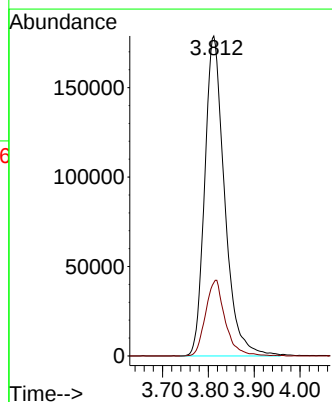
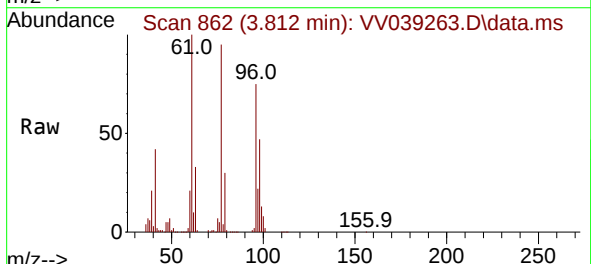
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1377278
Ion Ratio Lower Upper
43 100
72 27.9 21.0 31.6



#26
2,2-Dichloropropane
Concen: 28.041 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 77 Resp: 539224
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7

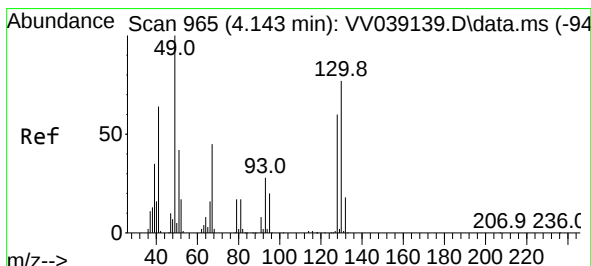
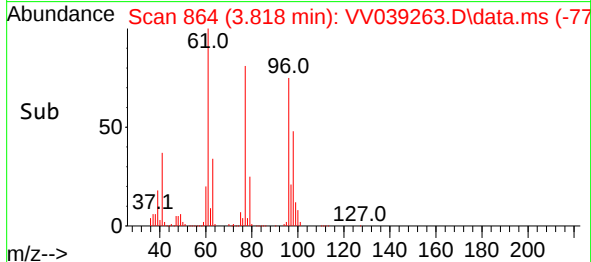
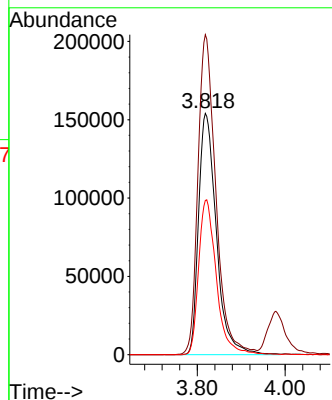
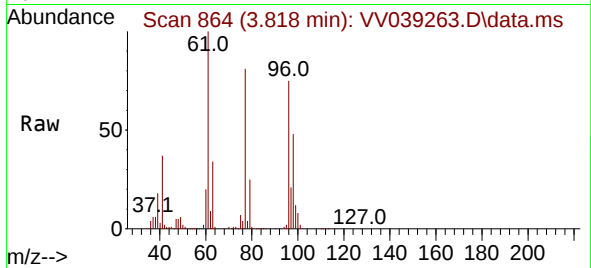




#27
 cis-1,2-Dichloroethene
 Concen: 35.584 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039263.D
 Acq: 03 Oct 2025 20:19

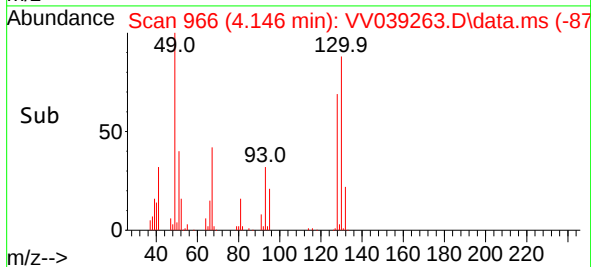
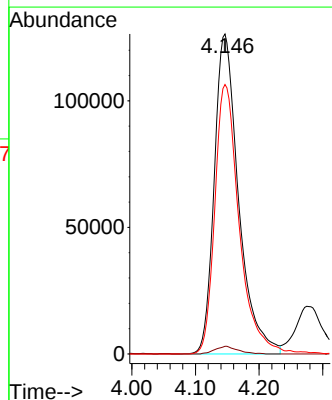
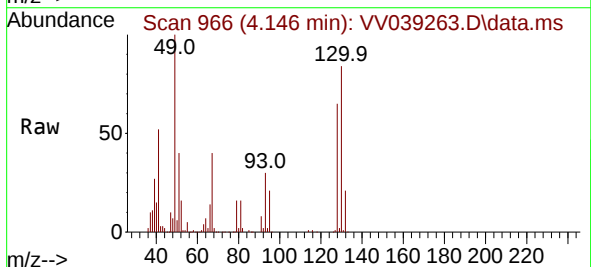
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

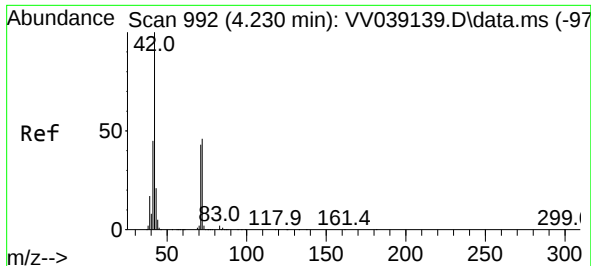
Tgt Ion: 96 Resp: 433530
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 286.4
 98 63.6 0.0 126.6



#28
 Bromochloromethane
 Concen: 35.098 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039263.D
 Acq: 03 Oct 2025 20:19

Tgt Ion: 49 Resp: 336040
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 84.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 178.033 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

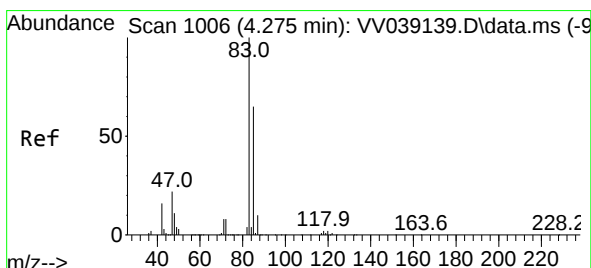
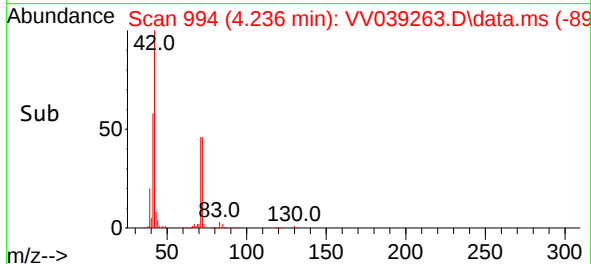
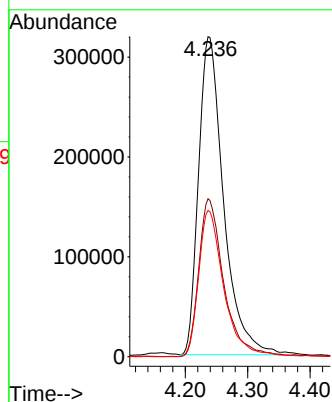
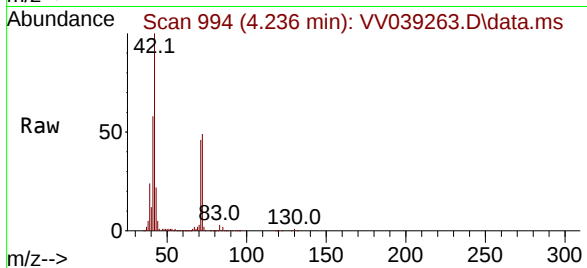
Tgt Ion: 42 Resp: 888841

Ion Ratio Lower Upper

42 100

72 49.4 36.3 54.5

71 45.9 34.3 51.5



#30

Chloroform

Concen: 34.028 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039263.D

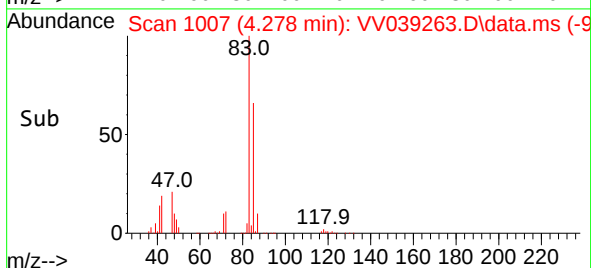
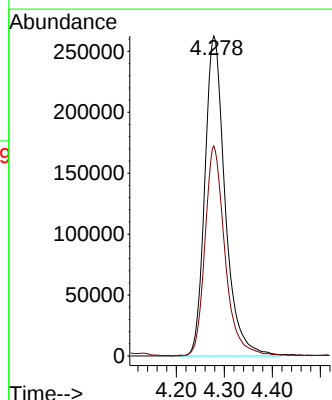
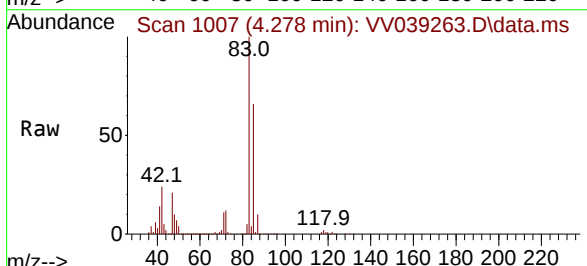
Acq: 03 Oct 2025 20:19

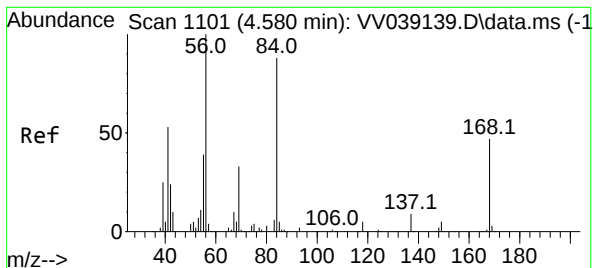
Tgt Ion: 83 Resp: 770615

Ion Ratio Lower Upper

83 100

85 65.4 52.1 78.1





#31

Cyclohexane

Concen: 29.256 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

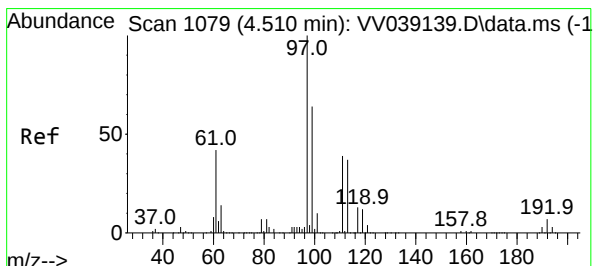
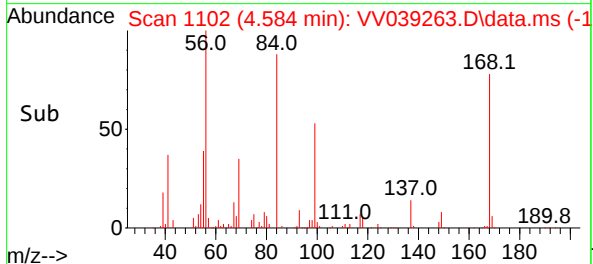
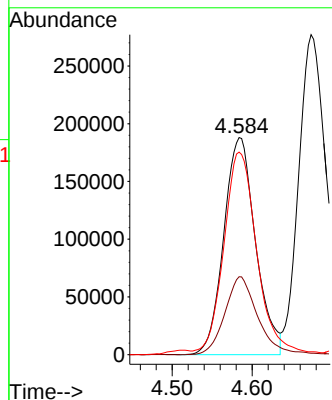
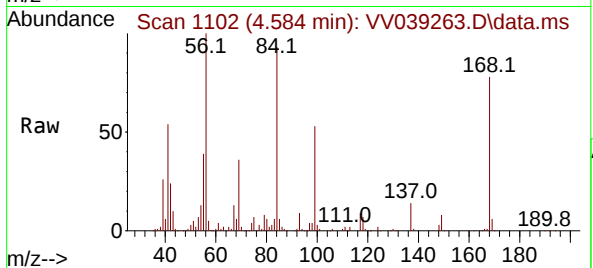
Tgt Ion: 56 Resp: 519765

Ion Ratio Lower Upper

56 100

69 35.9 26.2 39.2

84 91.3 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 33.890 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

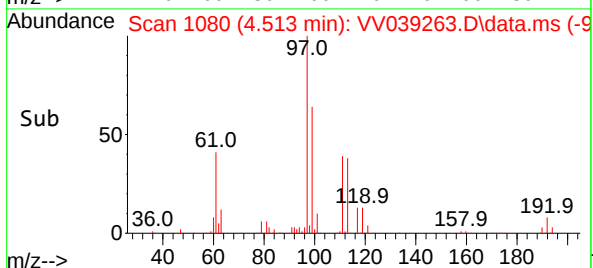
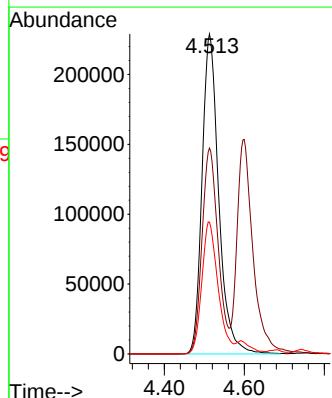
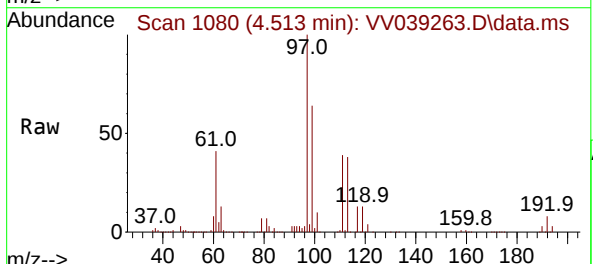
Tgt Ion: 97 Resp: 664446

Ion Ratio Lower Upper

97 100

99 61.6 49.6 74.4

61 40.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 30.260 ug/l

RT: 4.940 min Scan# 1212

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

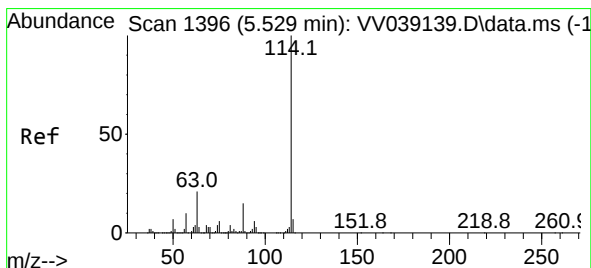
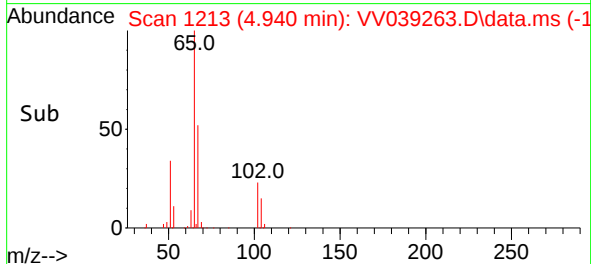
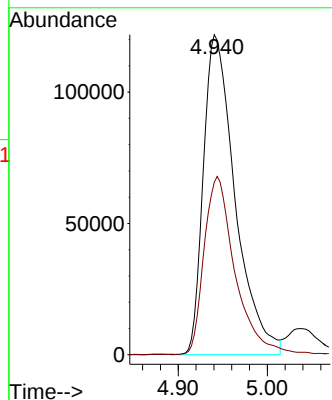
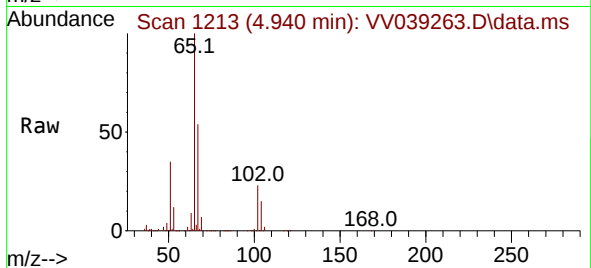
VSTDCCC050EC

Tgt Ion: 65 Resp: 301418

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

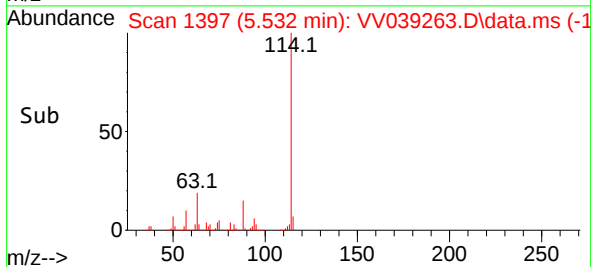
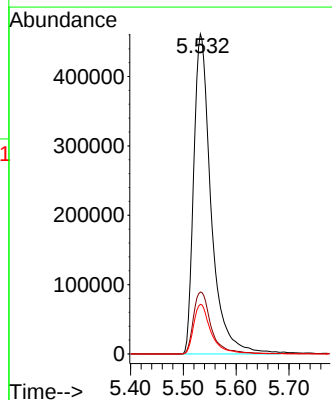
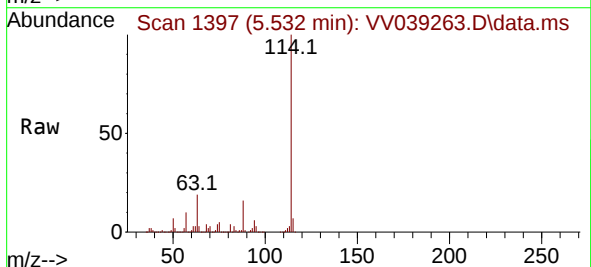
Tgt Ion: 114 Resp: 1053887

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.5 0.0 30.8

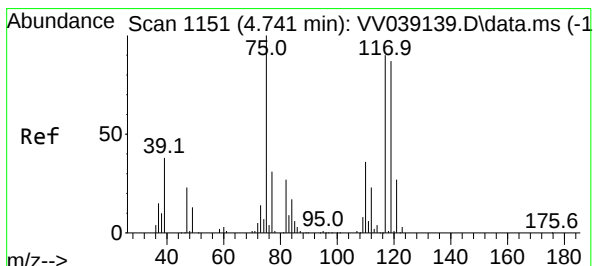
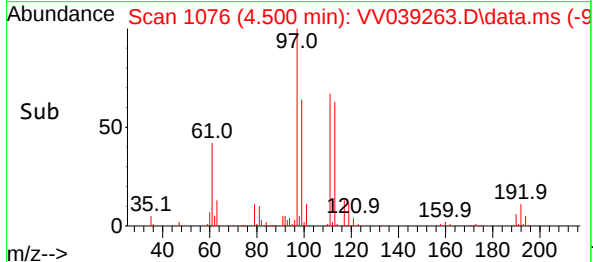
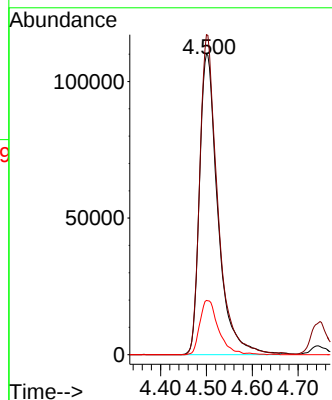
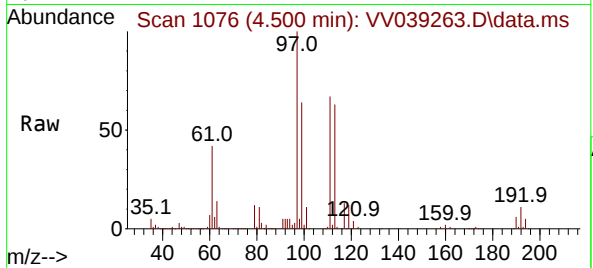




#35
Dibromofluoromethane
Concen: 36.171 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

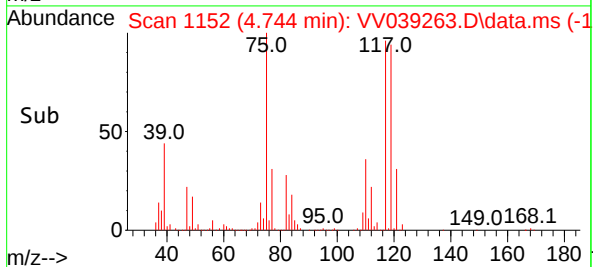
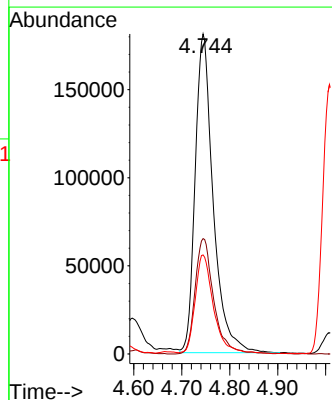
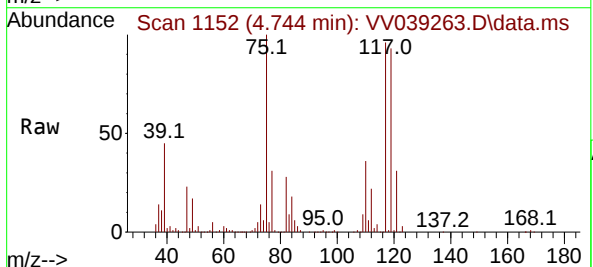
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

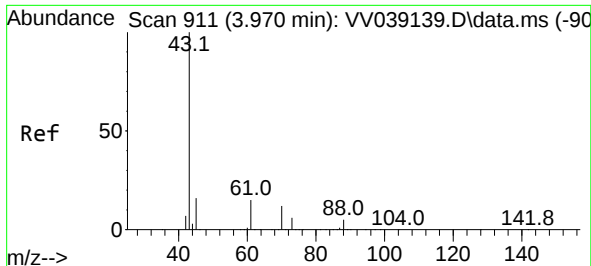
Tgt Ion:113 Resp: 306456
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 36.838 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 75 Resp: 471873
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.1
77 30.3 24.8 37.2

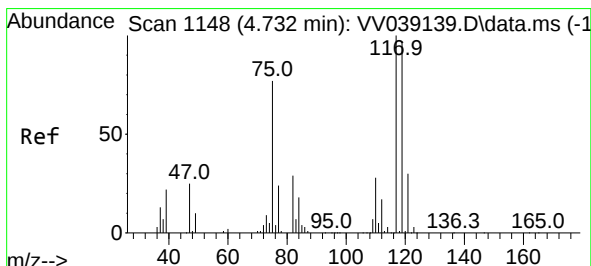
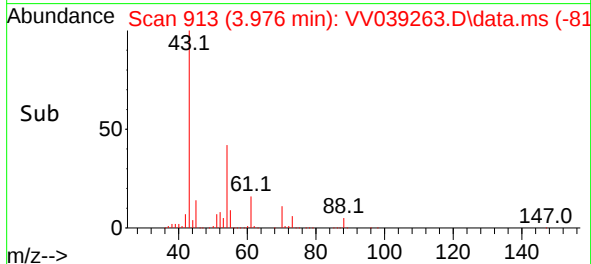
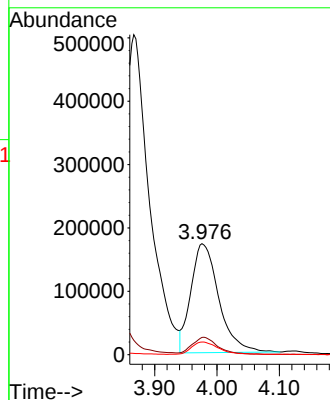
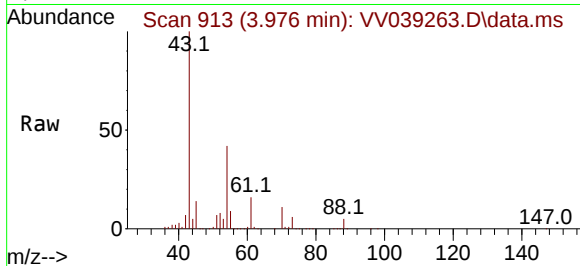




#37
Ethyl Acetate
Concen: 34.512 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

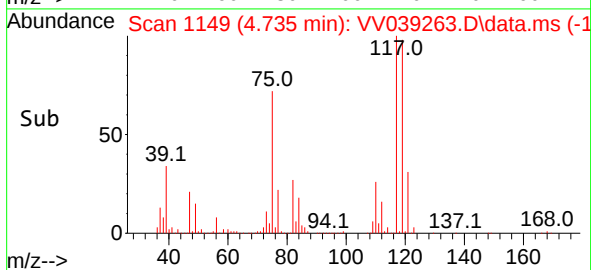
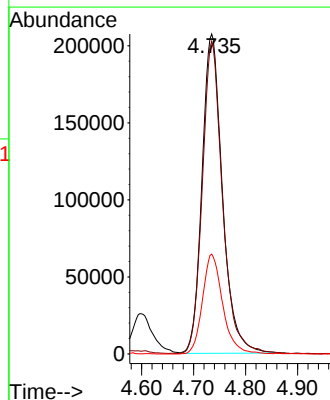
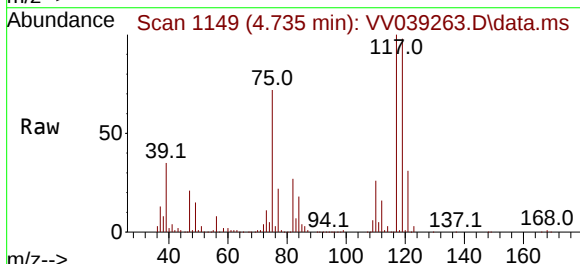
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

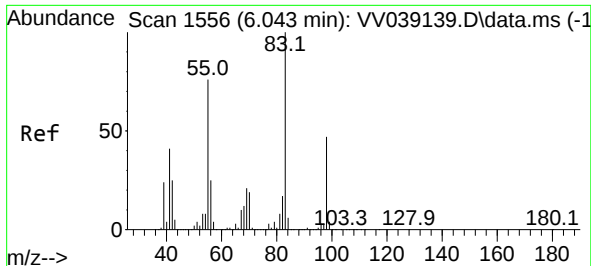
Tgt Ion: 43 Resp: 536428
Ion Ratio Lower Upper
43 100
61 13.7 10.3 15.5
70 11.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 36.152 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 117 Resp: 565966
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 33.917 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

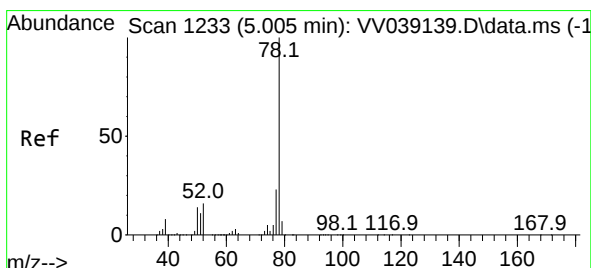
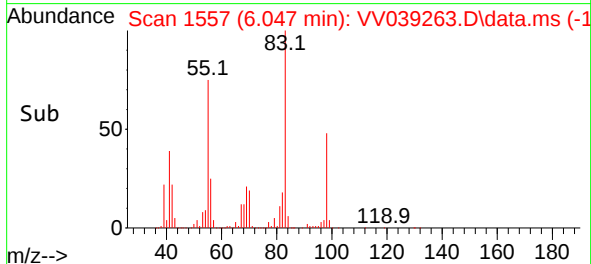
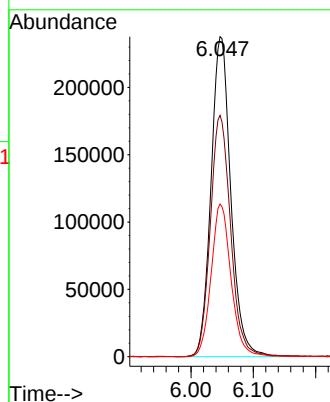
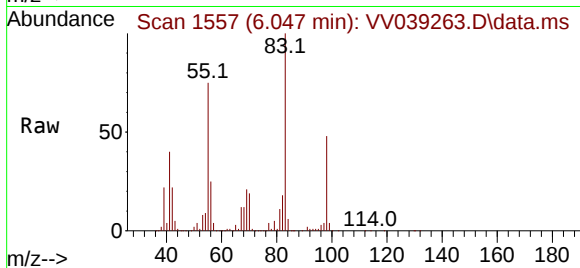
Tgt Ion: 83 Resp: 524665

Ion Ratio Lower Upper

83 100

55 75.4 60.5 90.7

98 47.7 37.8 56.6



#40

Benzene

Concen: 36.981 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039263.D

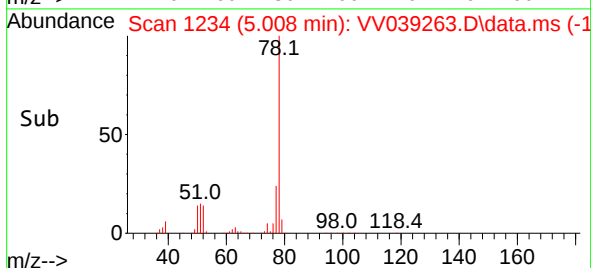
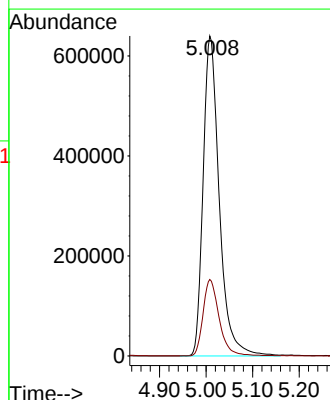
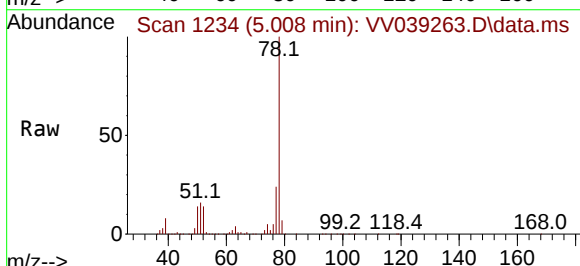
Acq: 03 Oct 2025 20:19

Tgt Ion: 78 Resp: 1542533

Ion Ratio Lower Upper

78 100

77 23.9 18.7 28.1



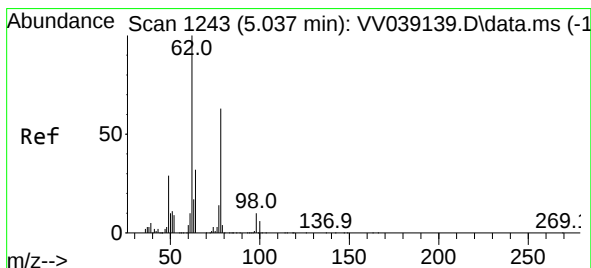
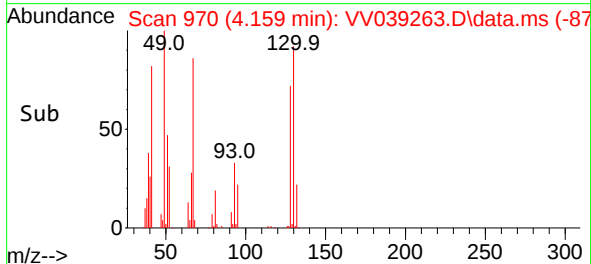
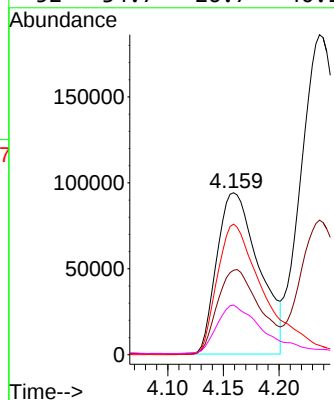
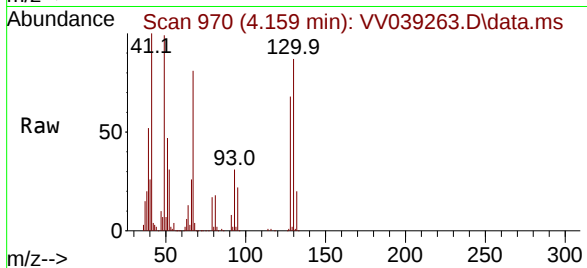


#41
Methacrylonitrile
Concen: 35.709 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 246960

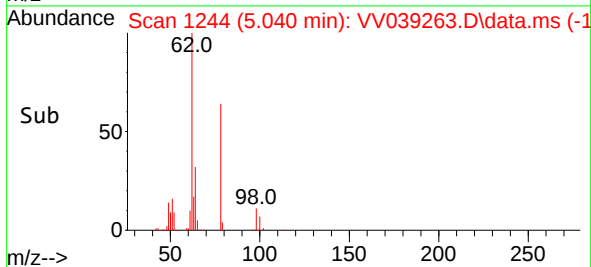
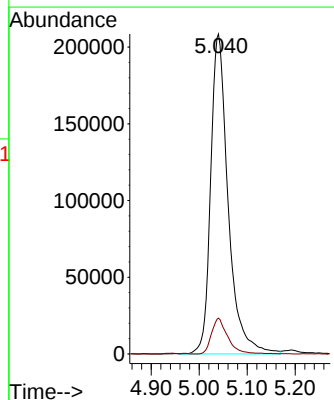
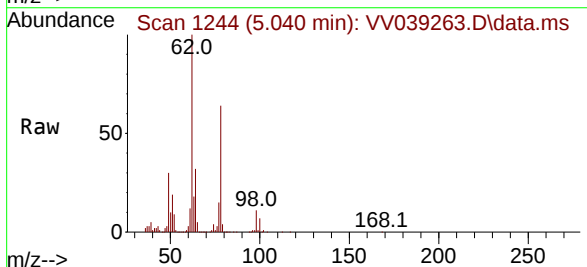
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.2
67	93.2	67.9	101.9
52	34.7	26.7	40.1



#42
1,2-Dichloroethane
Concen: 36.169 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 62 Resp: 528616

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2

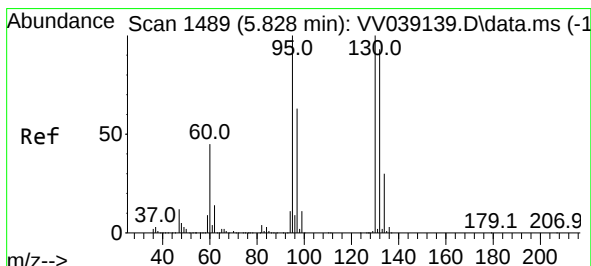
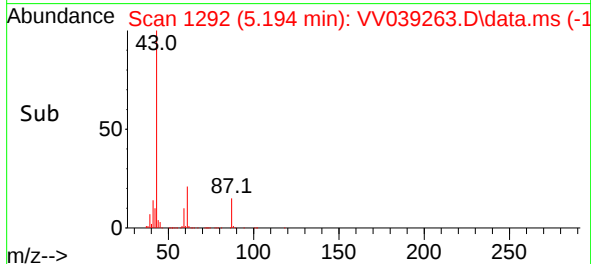
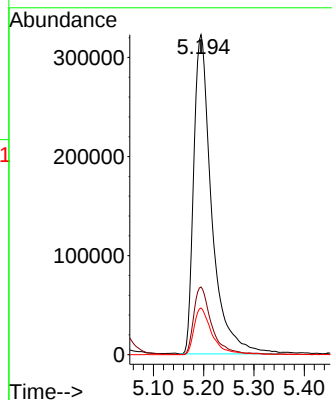
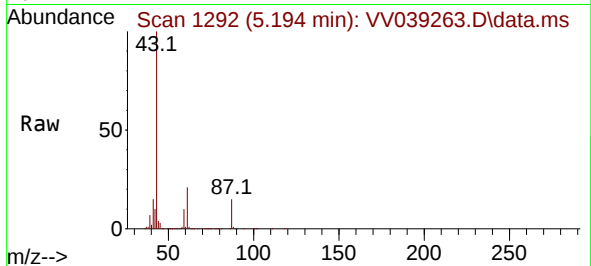




#43
Isopropyl Acetate
Concen: 37.812 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

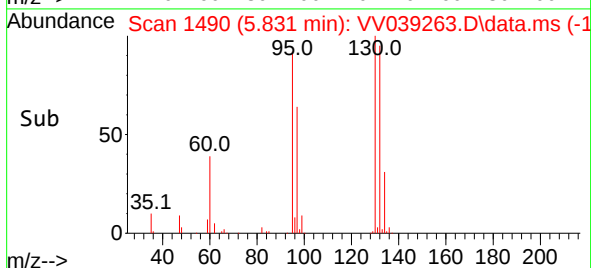
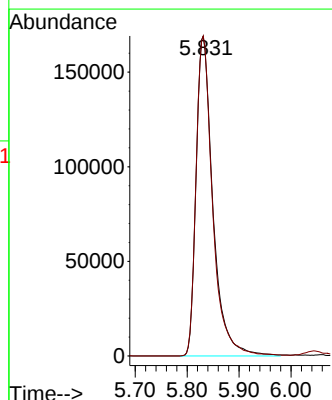
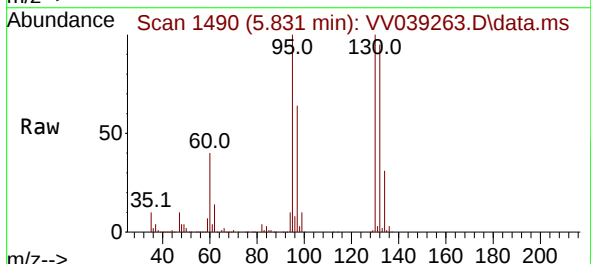
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

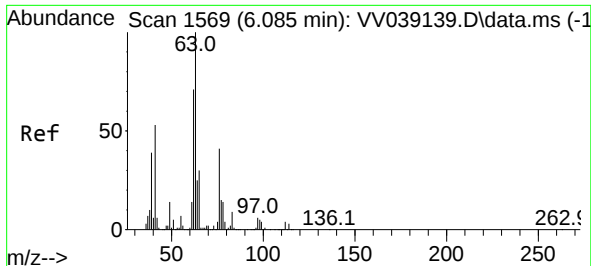
Tgt Ion: 43 Resp: 801339
Ion Ratio Lower Upper
43 100
61 20.6 15.9 23.9
87 14.4 11.0 16.6



#44
Trichloroethene
Concen: 39.385 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 130 Resp: 379095
Ion Ratio Lower Upper
130 100
95 100.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 38.467 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

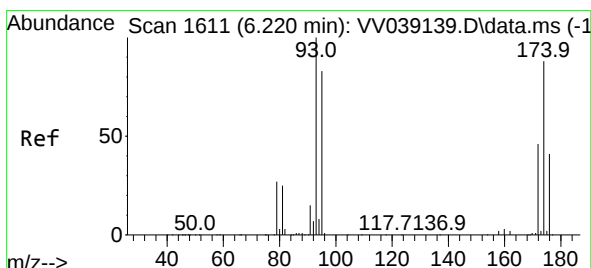
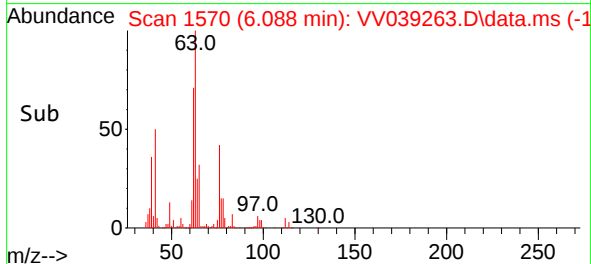
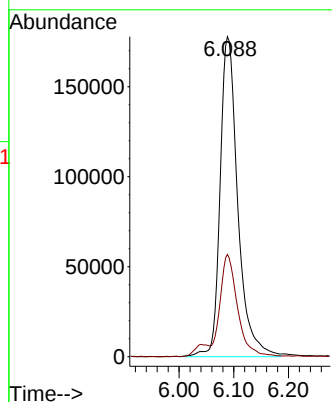
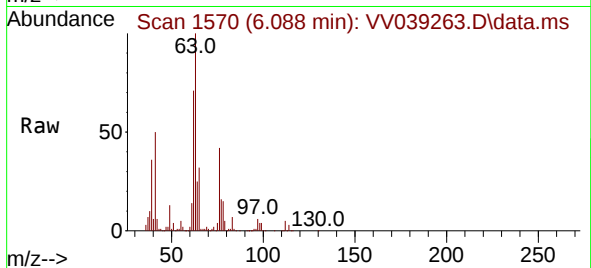
VSTDCCC050EC

Tgt Ion: 63 Resp: 398823

Ion Ratio Lower Upper

63 100

65 31.9 23.7 35.5



#46

Dibromomethane

Concen: 38.043 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

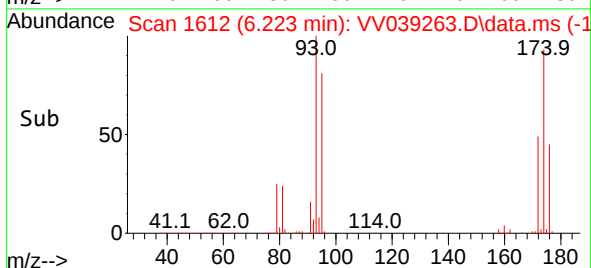
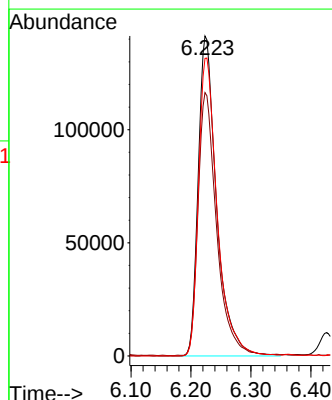
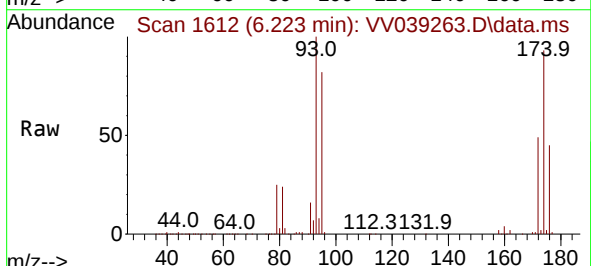
Tgt Ion: 93 Resp: 301882

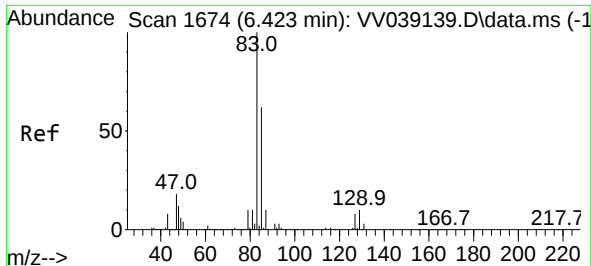
Ion Ratio Lower Upper

93 100

95 82.7 65.5 98.3

174 95.5 69.0 103.4





#47

Bromodichloromethane

Concen: 37.825 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

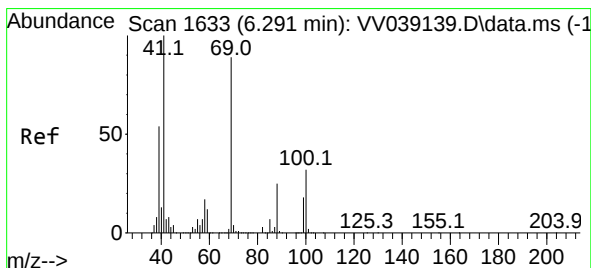
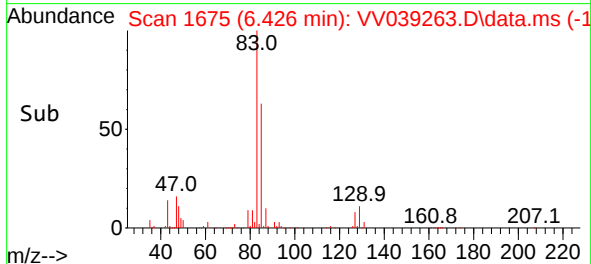
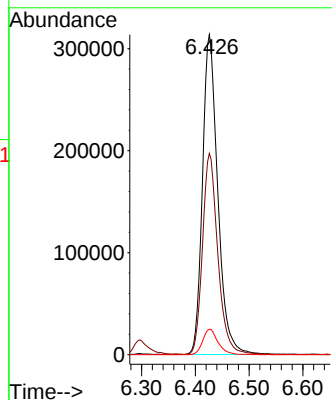
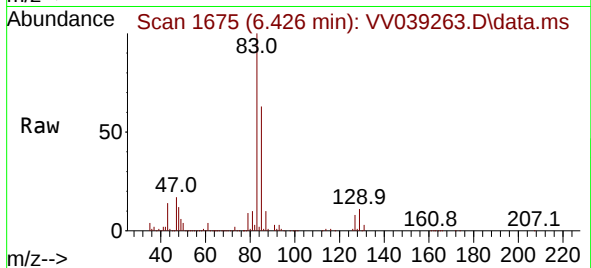
Tgt Ion: 83 Resp: 620517

Ion Ratio Lower Upper

83 100

85 62.8 49.7 74.5

127 8.0 6.6 9.8



#48

Methyl methacrylate

Concen: 39.400 ug/l

RT: 6.297 min Scan# 1635

Delta R.T. 0.006 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

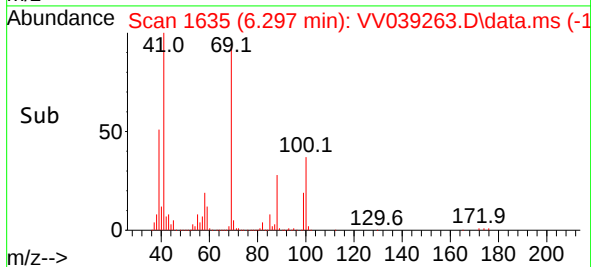
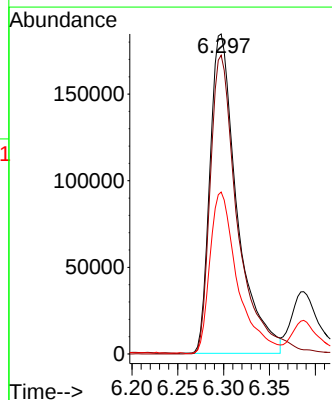
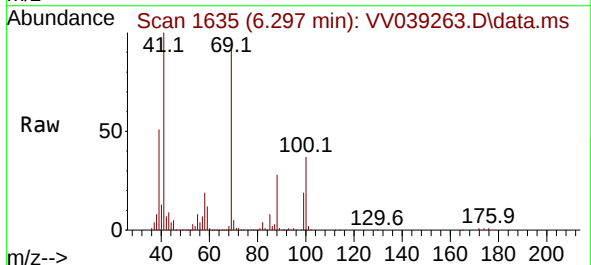
Tgt Ion: 41 Resp: 378510

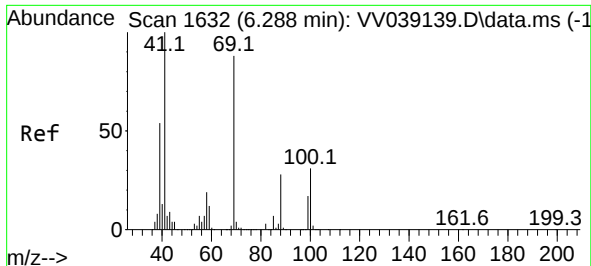
Ion Ratio Lower Upper

41 100

69 95.8 72.4 108.6

39 51.5 42.5 63.7





#49

1,4-Dioxane

Concen: 874.079 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

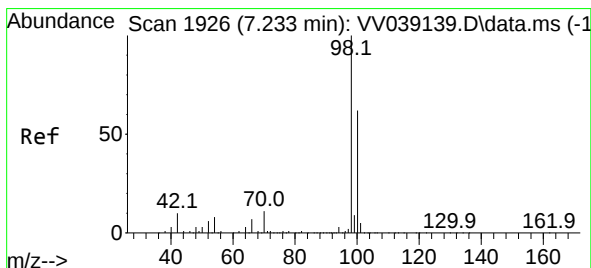
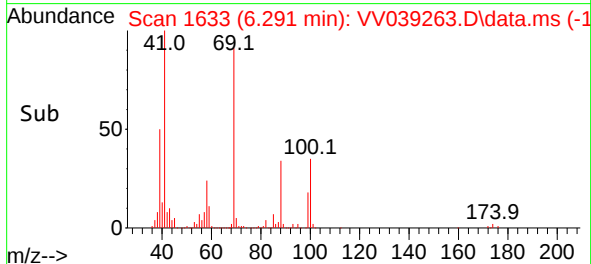
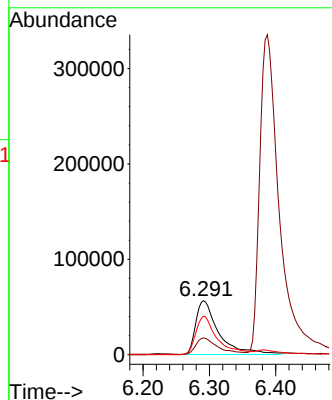
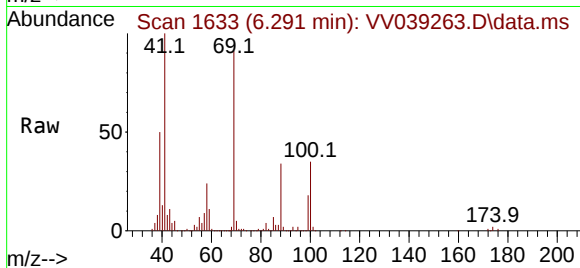
Tgt Ion: 88 Resp: 135511

Ion Ratio Lower Upper

88 100

43 29.6 25.1 37.7

58 66.4 53.6 80.4



#50

Toluene-d8

Concen: 33.656 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039263.D

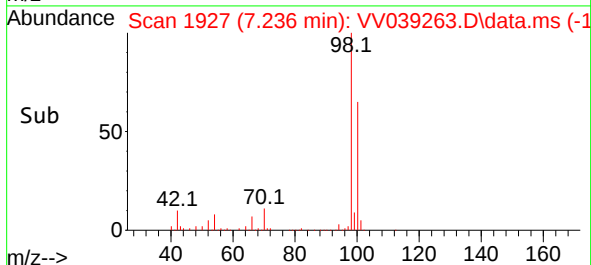
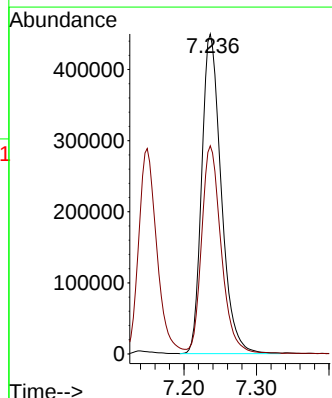
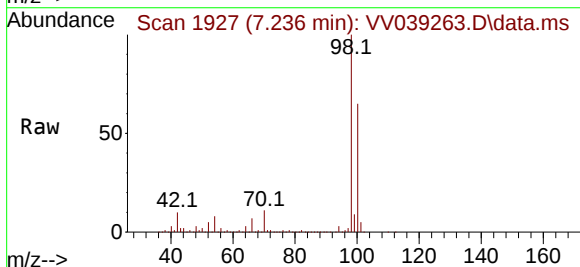
Acq: 03 Oct 2025 20:19

Tgt Ion: 98 Resp: 837470

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 205.896 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

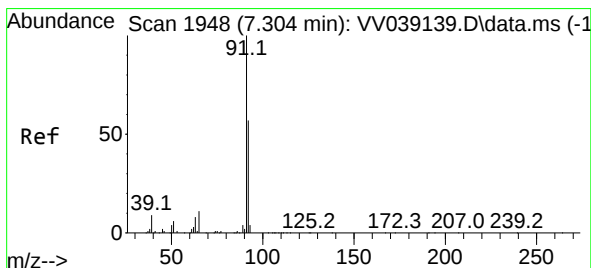
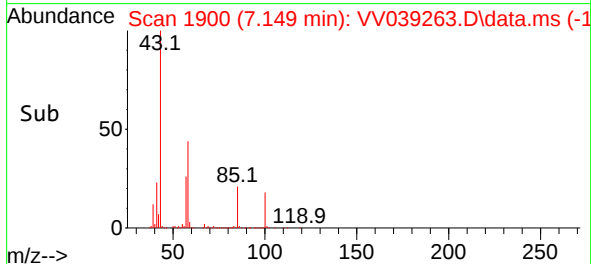
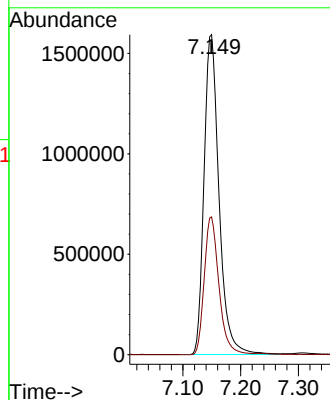
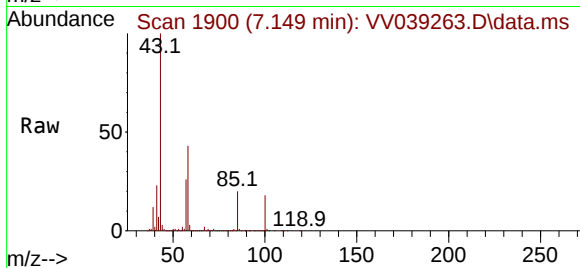
VSTDCCC050EC

Tgt Ion: 43 Resp: 2870675

Ion Ratio Lower Upper

43 100

58 42.2 32.3 48.5



#52

Toluene

Concen: 40.659 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039263.D

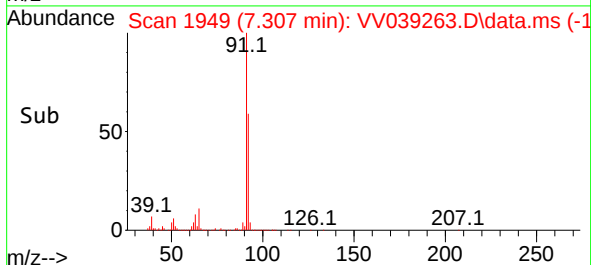
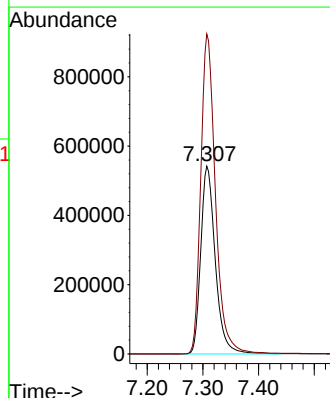
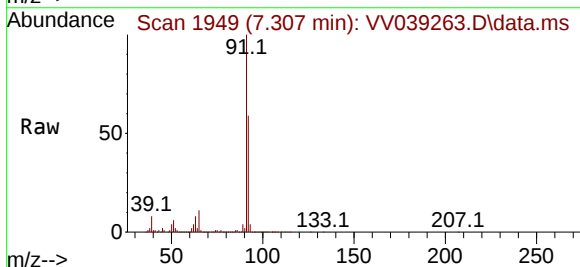
Acq: 03 Oct 2025 20:19

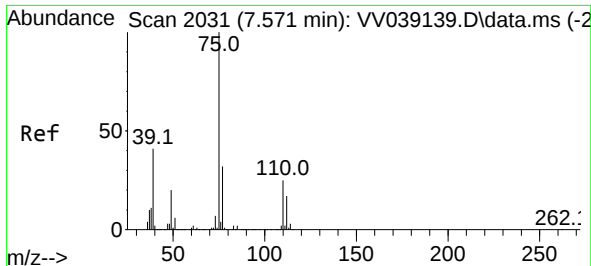
Tgt Ion: 92 Resp: 983324

Ion Ratio Lower Upper

92 100

91 171.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 39.879 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

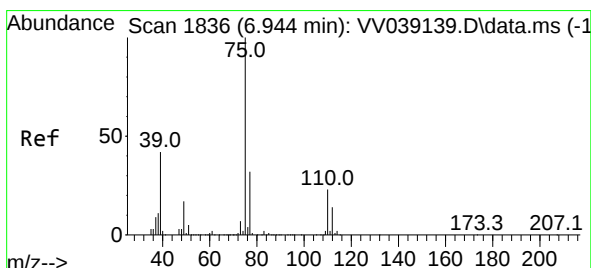
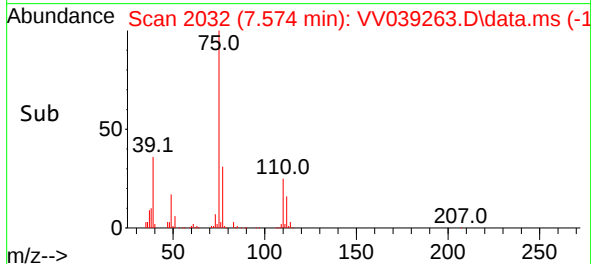
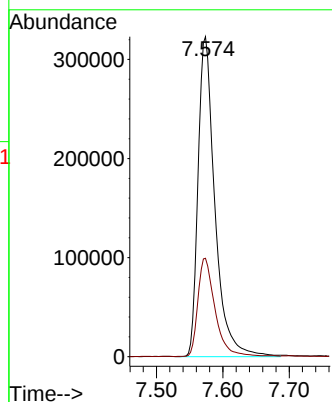
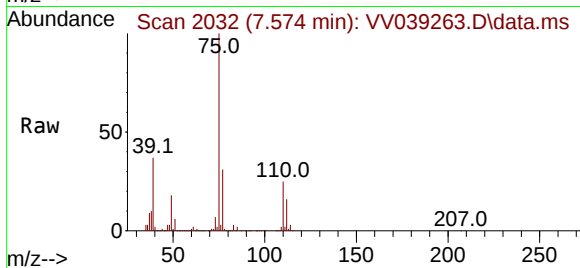
VSTDCCC050EC

Tgt Ion: 75 Resp: 570133

Ion Ratio Lower Upper

75 100

77 30.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 39.366 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

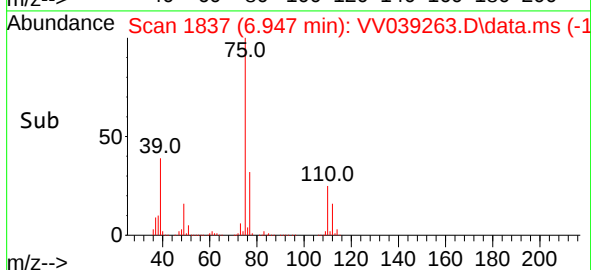
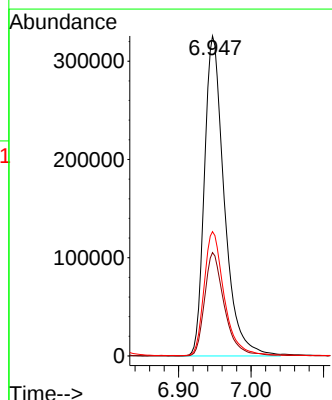
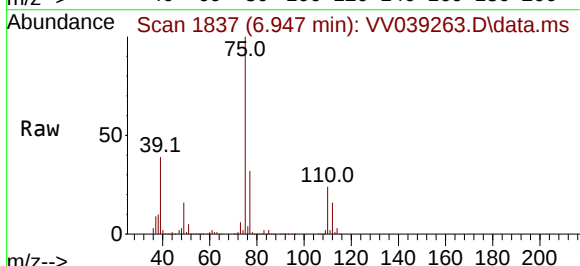
Tgt Ion: 75 Resp: 621303

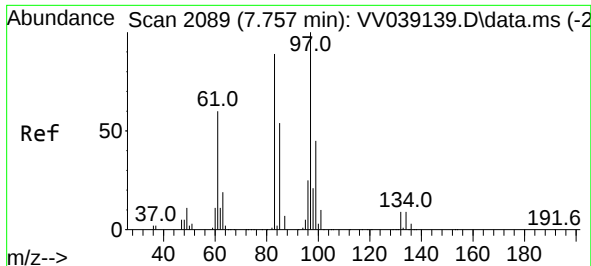
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 38.7 33.8 50.6



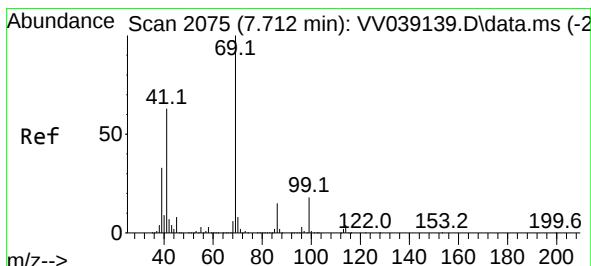
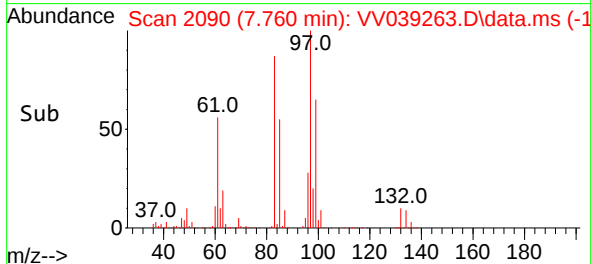
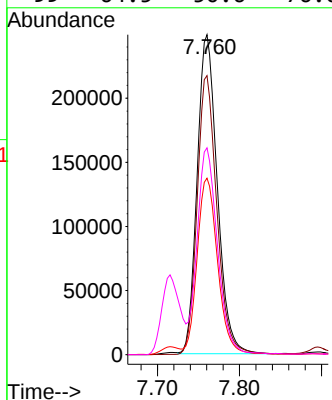
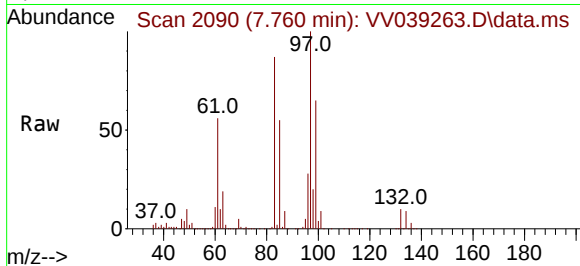


#55
1,1,2-Trichloroethane
Concen: 39.070 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 423679

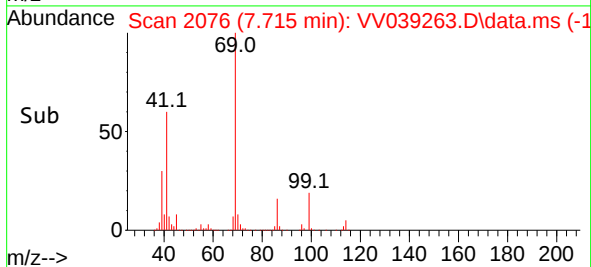
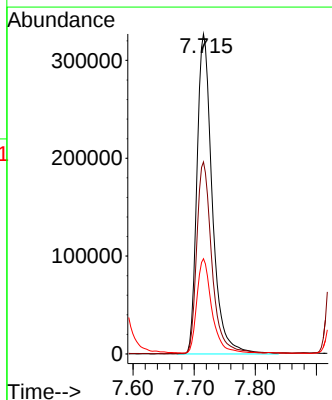
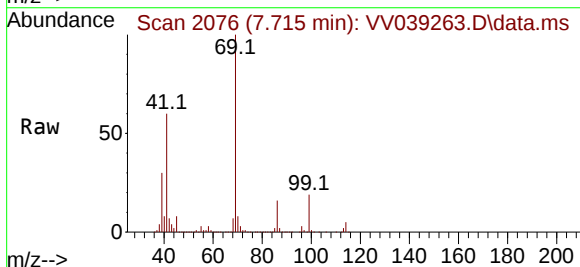
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.1	106.7
85	55.1	44.6	67.0
99	64.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 44.123 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 69 Resp: 568221

Ion	Ratio	Lower	Upper
69	100		
41	59.4	50.7	76.1
39	28.9	26.0	39.0





#57

1,3-Dichloropropane

Concen: 38.930 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

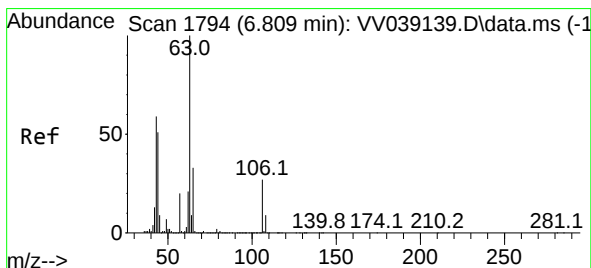
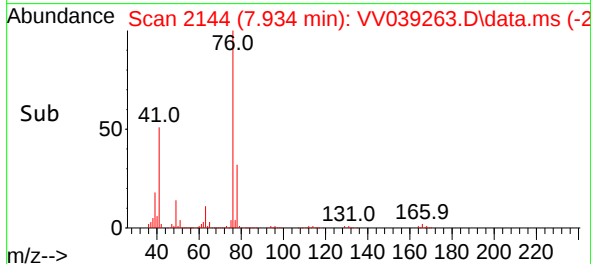
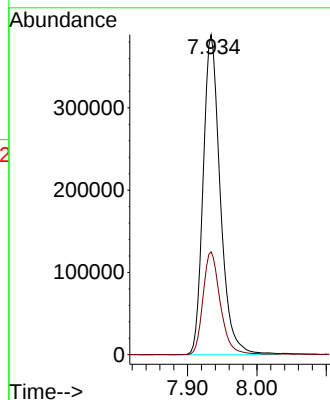
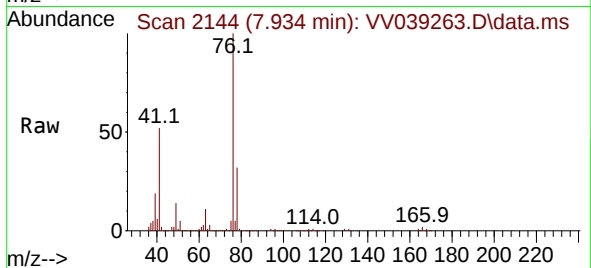
VSTDCCC050EC

Tgt Ion: 76 Resp: 666246

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 159.959 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039263.D

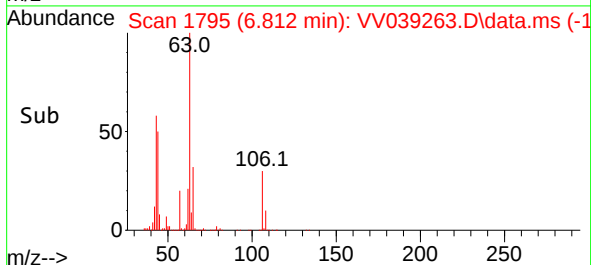
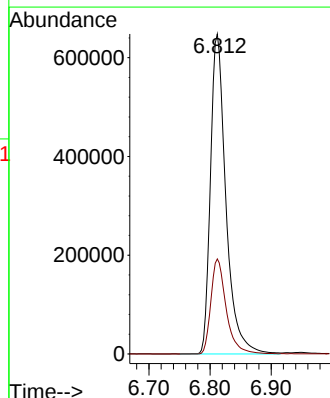
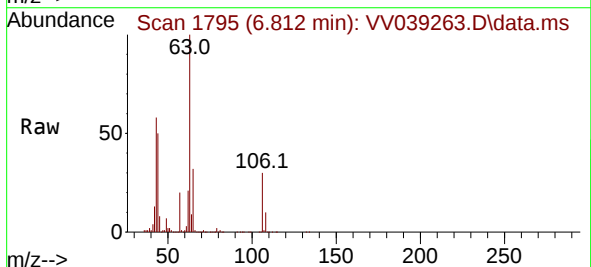
Acq: 03 Oct 2025 20:19

Tgt Ion: 63 Resp: 1136945

Ion Ratio Lower Upper

63 100

106 29.5 22.1 33.1

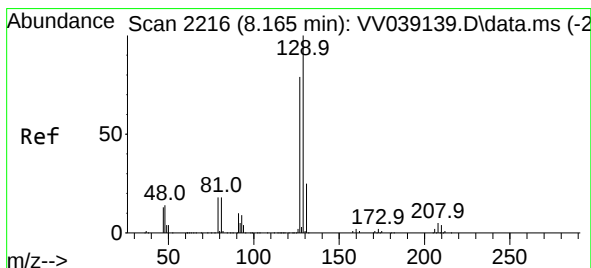
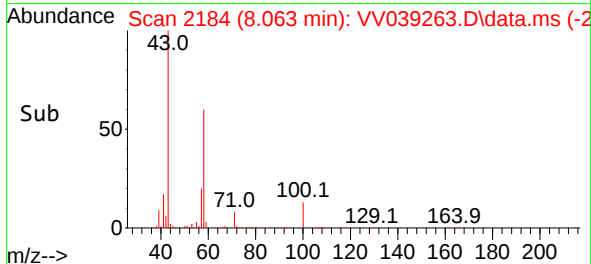
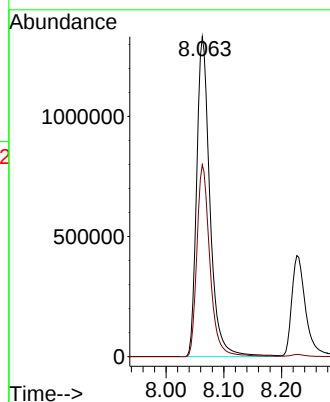
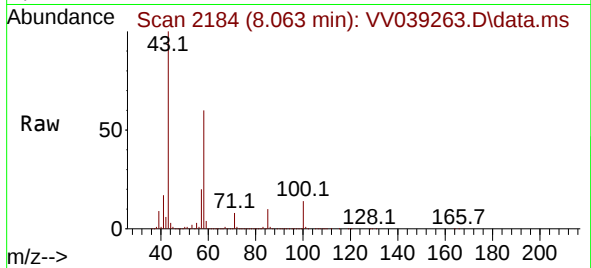




#59
2-Hexanone
Concen: 189.059 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.004 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

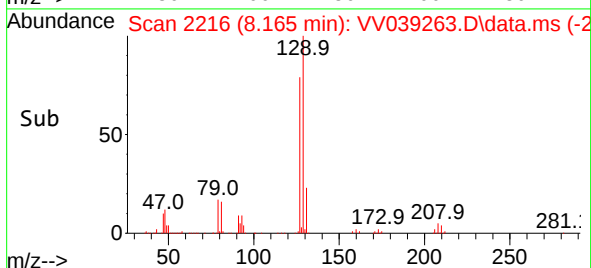
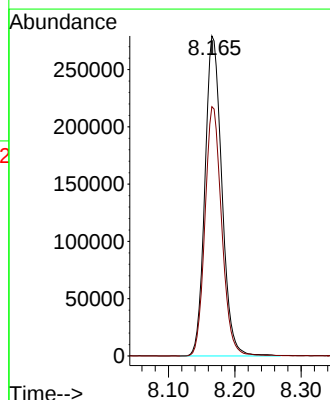
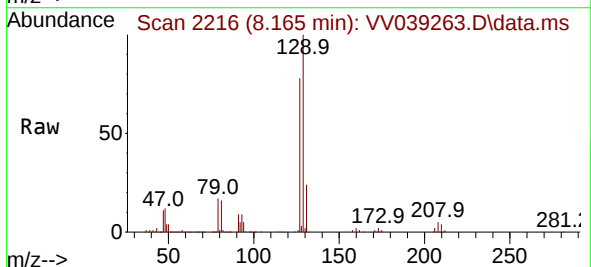
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2121271
Ion Ratio Lower Upper
43 100
58 59.1 28.3 85.0



#60
Dibromochloromethane
Concen: 39.970 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 129 Resp: 493885
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.9





#61

1,2-Dibromoethane

Concen: 40.771 ug/l

RT: 8.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

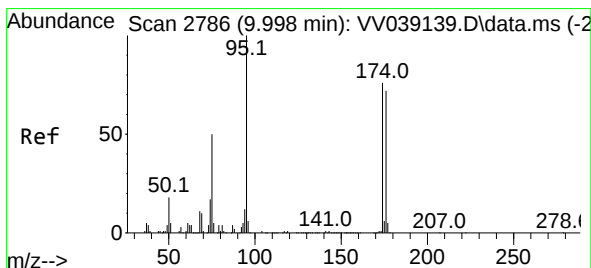
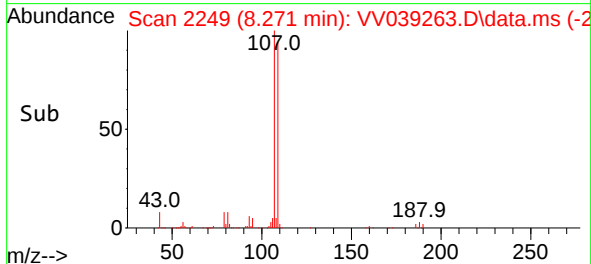
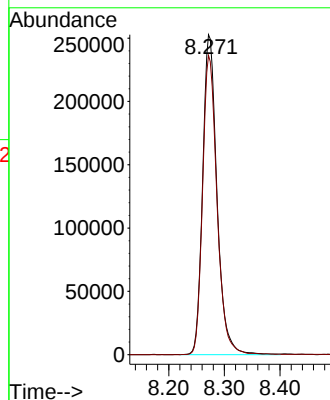
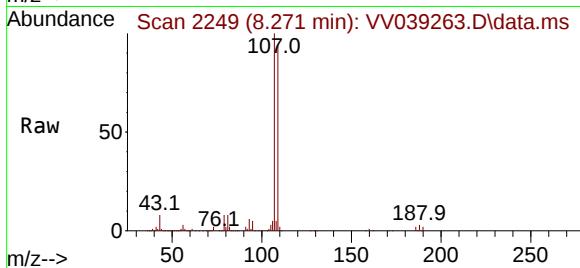
VSTDCCC050EC

Tgt Ion:107 Resp: 452157

Ion Ratio Lower Upper

107 100

109 94.2 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 40.338 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

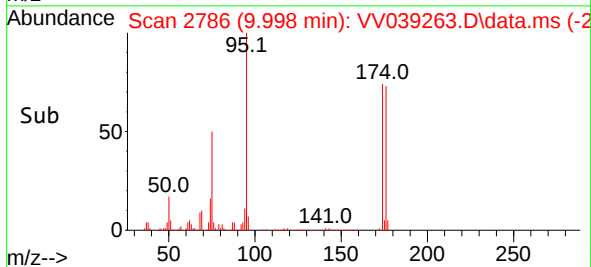
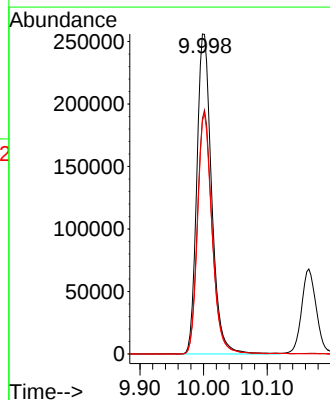
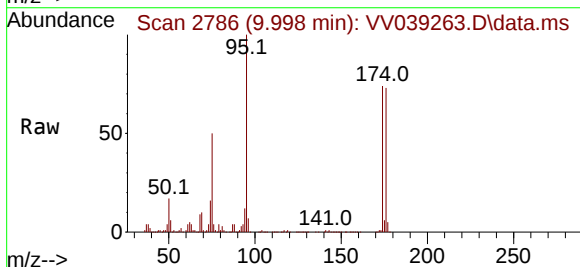
Tgt Ion: 95 Resp: 413217

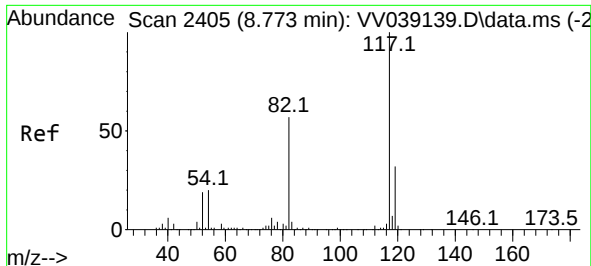
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 73.1 0.0 144.2

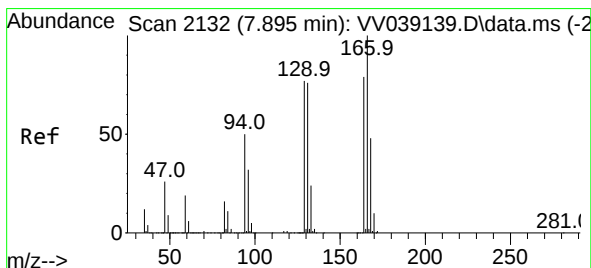
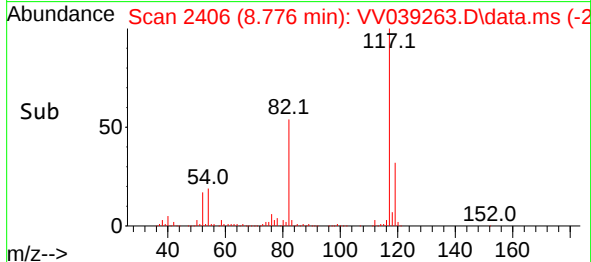
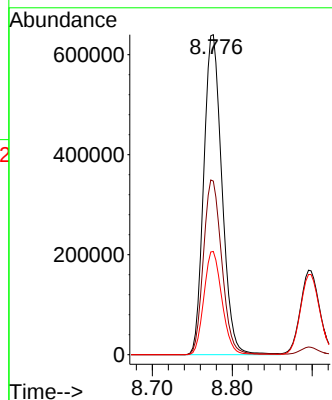
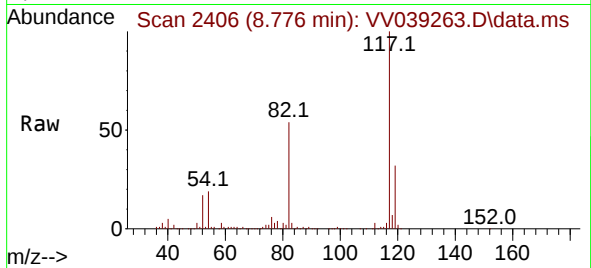




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

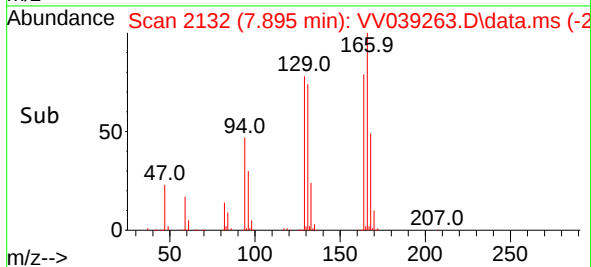
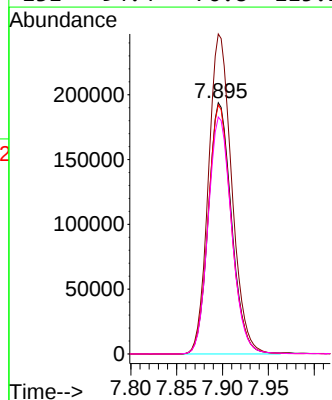
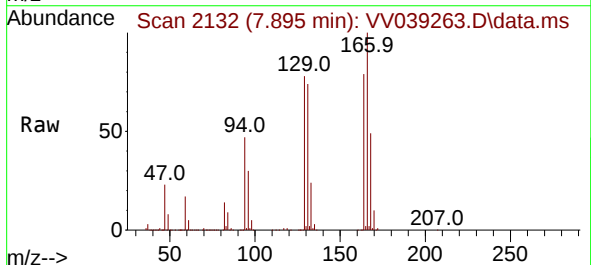
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

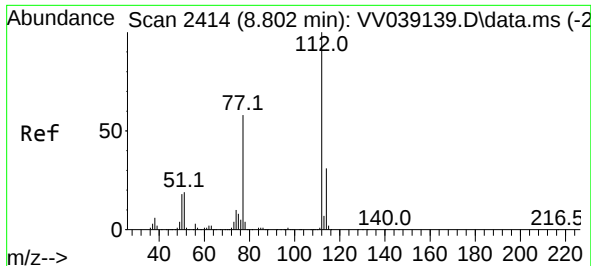
Tgt Ion:117 Resp: 1014395
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 39.995 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion:164 Resp: 339819
Ion Ratio Lower Upper
164 100
166 127.4 101.6 152.4
129 99.2 78.5 117.7
131 94.4 76.8 115.2

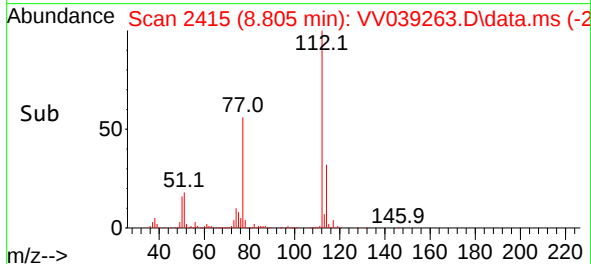
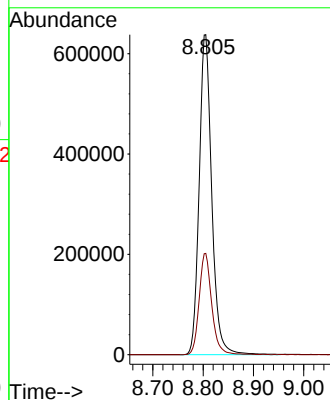
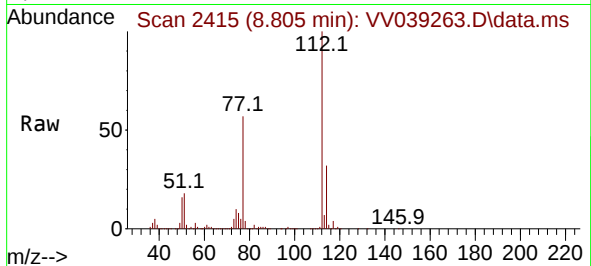




#65
Chlorobenzene
Concen: 39.224 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

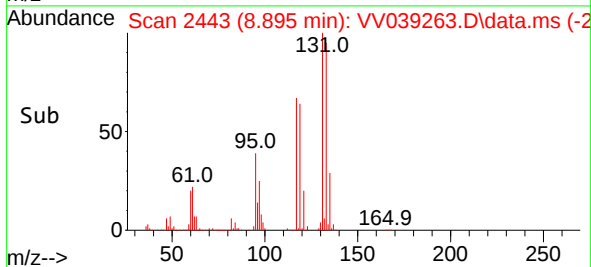
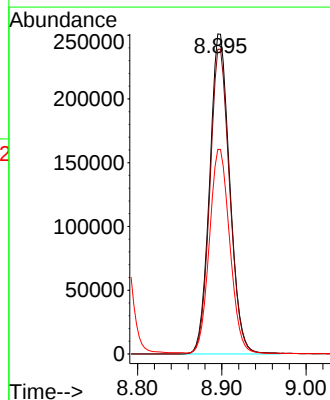
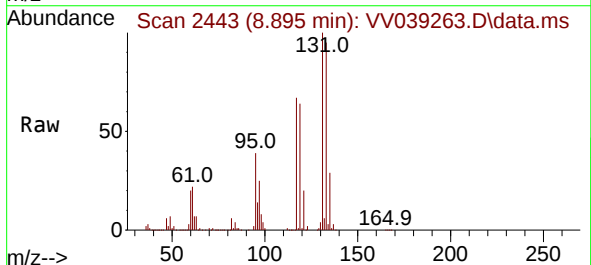
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

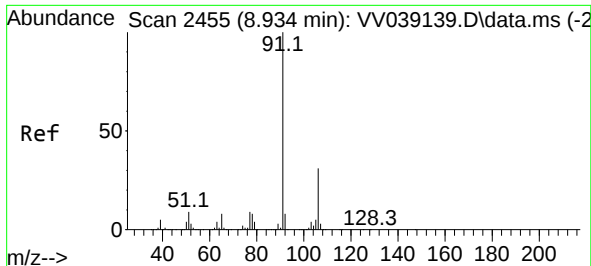
Tgt Ion:112 Resp: 1108300
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 40.707 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion:131 Resp: 415589
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 64.6 33.3 99.8





#67

Ethyl Benzene

Concen: 42.408 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

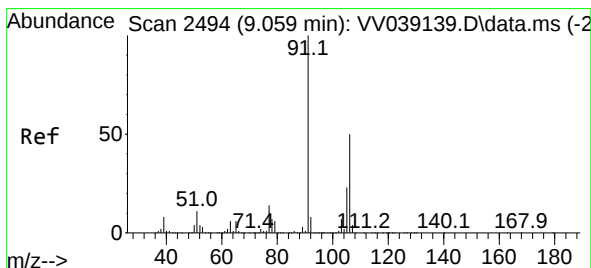
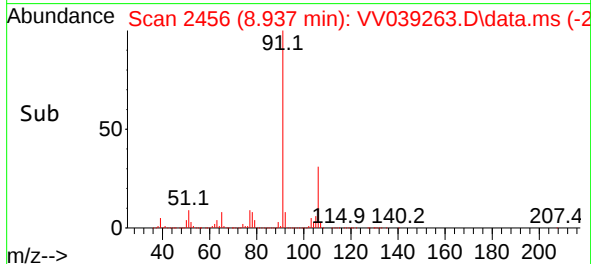
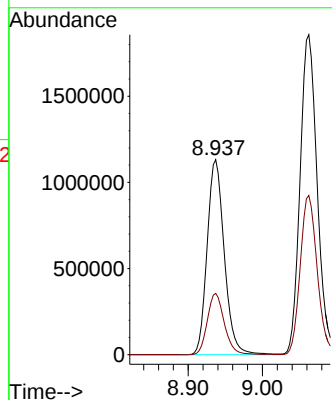
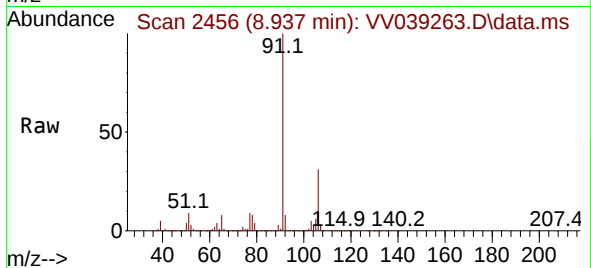
VSTDCCC050EC

Tgt Ion: 91 Resp: 1813835

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 89.469 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VV039263.D

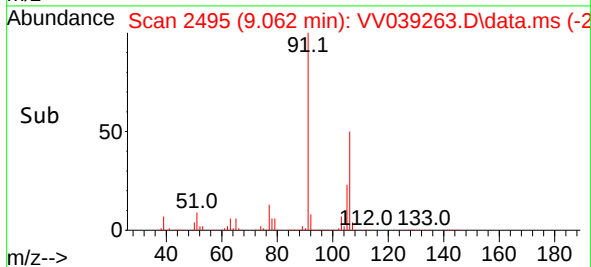
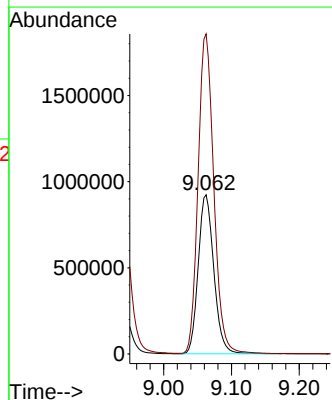
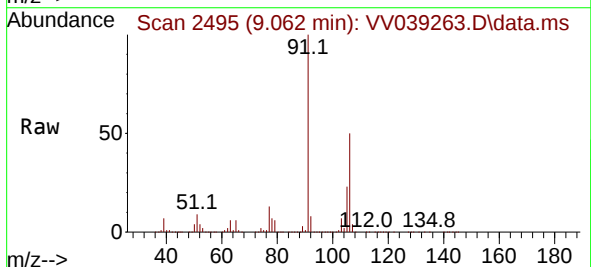
Acq: 03 Oct 2025 20:19

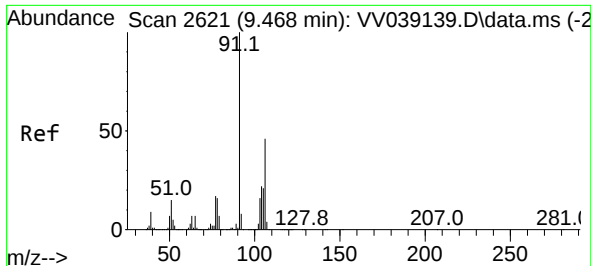
Tgt Ion:106 Resp: 1476935

Ion Ratio Lower Upper

106 100

91 201.8 162.5 243.7

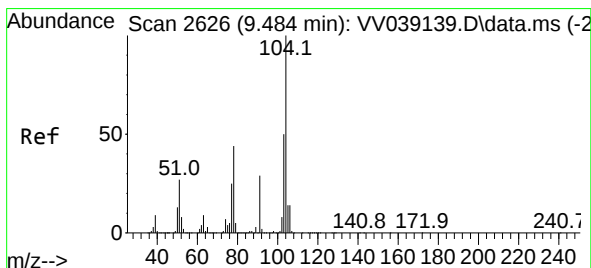
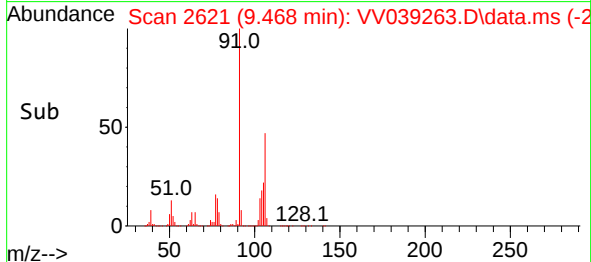
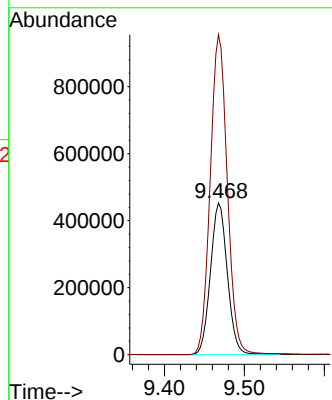
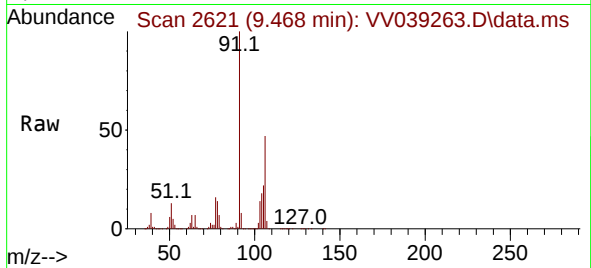




#69
o-Xylene
Concen: 45.405 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

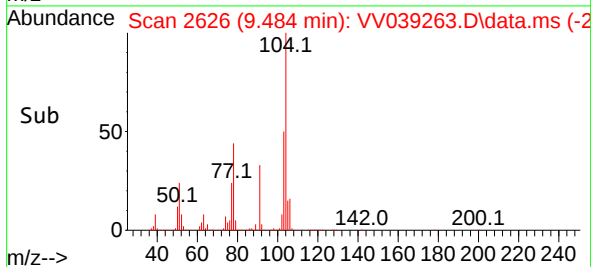
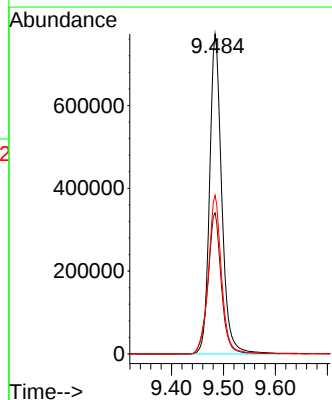
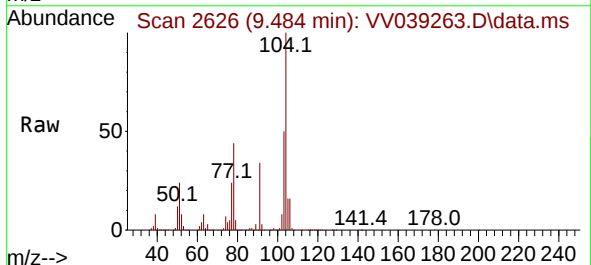
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

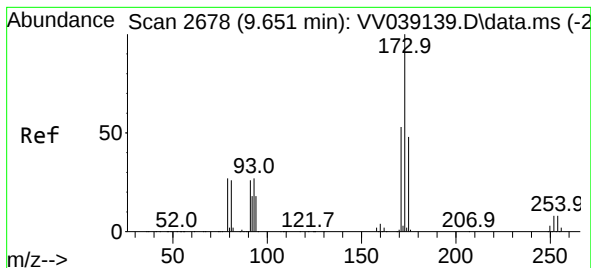
Tgt Ion:106 Resp: 663667
Ion Ratio Lower Upper
106 100
91 213.9 109.1 327.3



#70
Styrene
Concen: 40.823 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion:104 Resp: 1256485
Ion Ratio Lower Upper
104 100
78 48.4 39.8 59.6
103 53.7 43.4 65.2





#71

Bromoform

Concen: 43.004 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

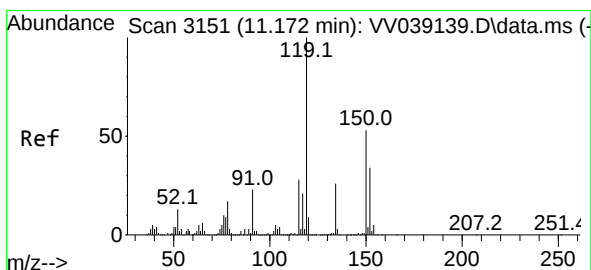
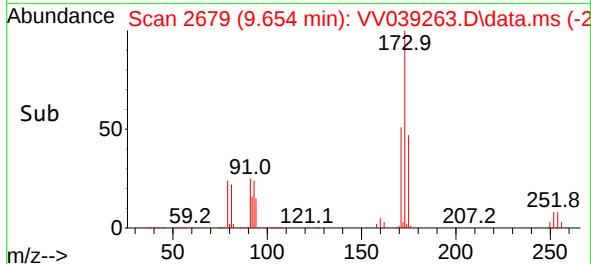
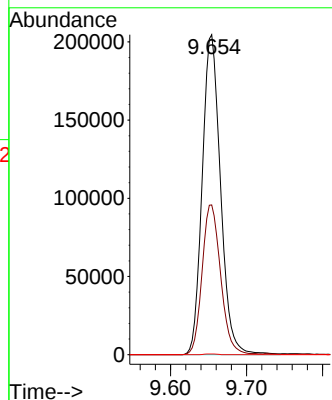
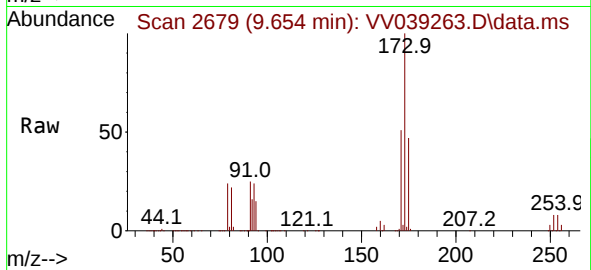
Tgt Ion:173 Resp: 342943

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

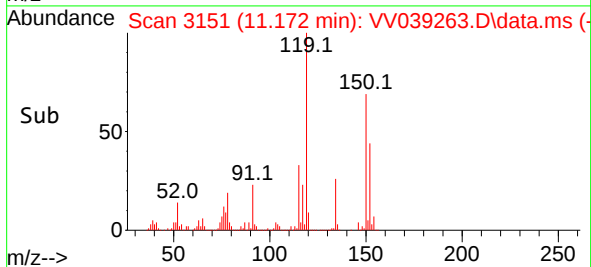
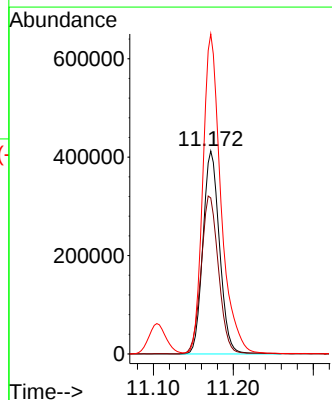
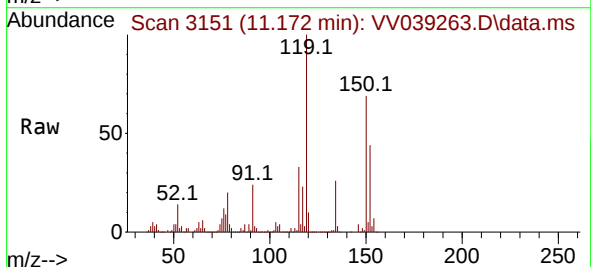
Tgt Ion:152 Resp: 596087

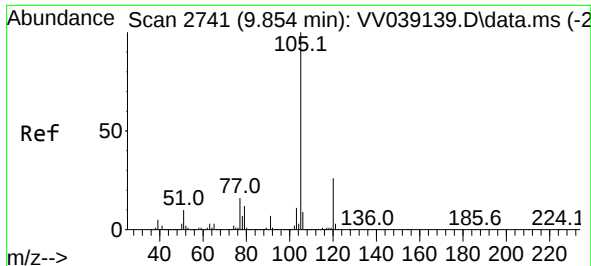
Ion Ratio Lower Upper

152 100

115 81.2 44.8 134.4

150 171.6 0.0 353.8

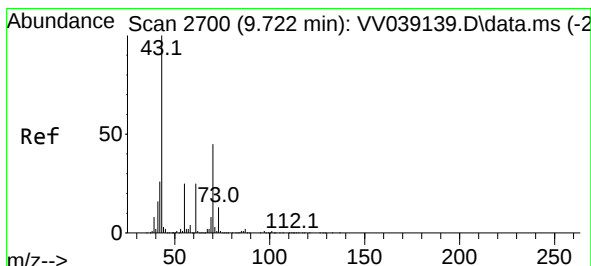
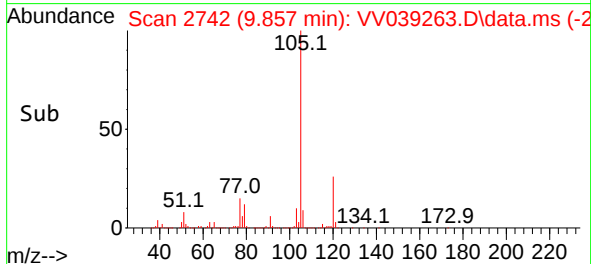
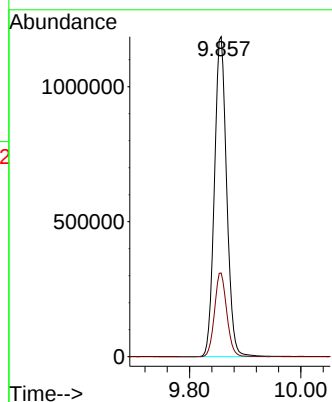
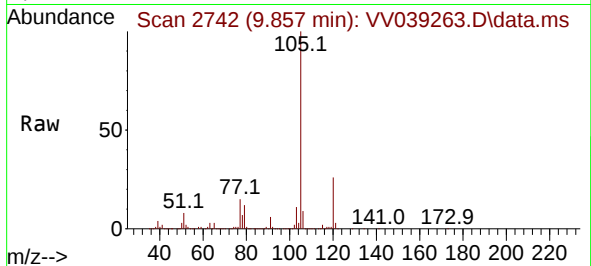




#73
Isopropylbenzene
Concen: 41.856 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

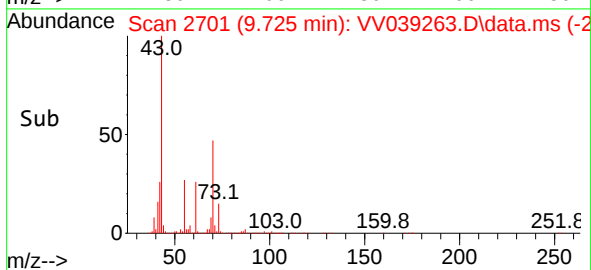
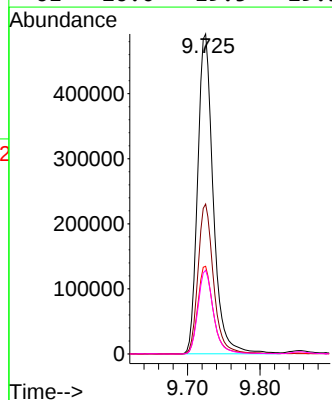
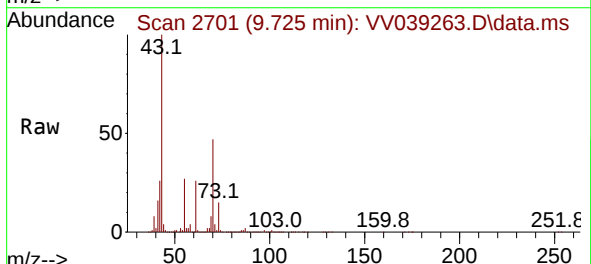
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

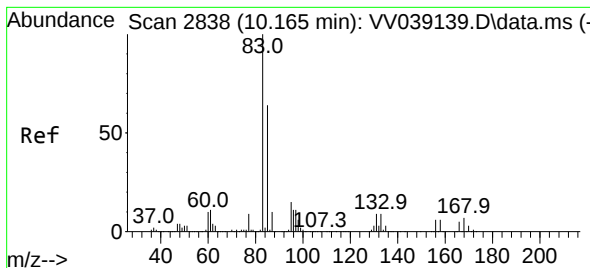
Tgt Ion:105 Resp: 1809630
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 42.640 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 43 Resp: 735344
Ion Ratio Lower Upper
43 100
70 46.7 35.4 53.0
55 27.5 20.6 30.8
61 26.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 36.411 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

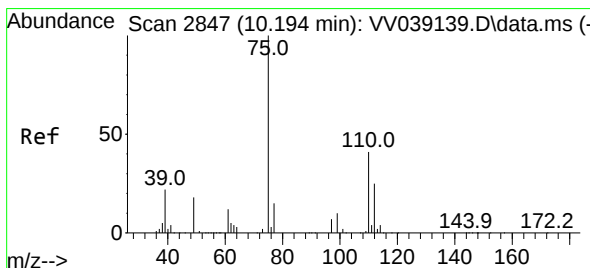
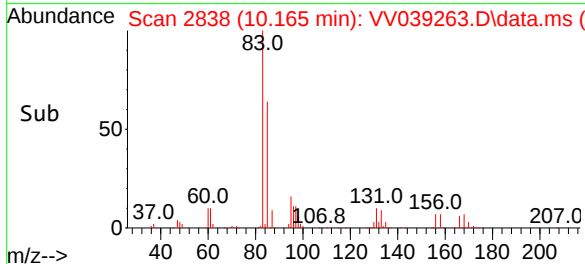
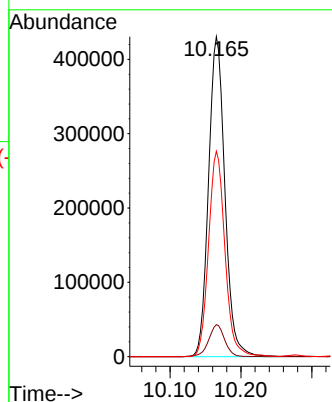
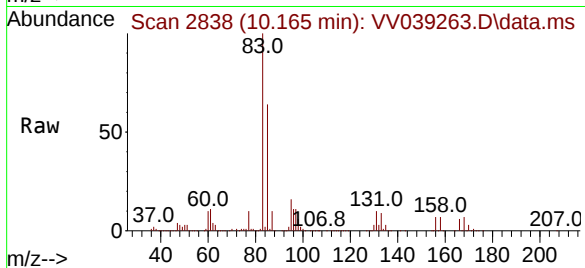
Tgt Ion: 83 Resp: 689736

Ion Ratio Lower Upper

83 100

131 9.8 4.5 13.7

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 38.308 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039263.D

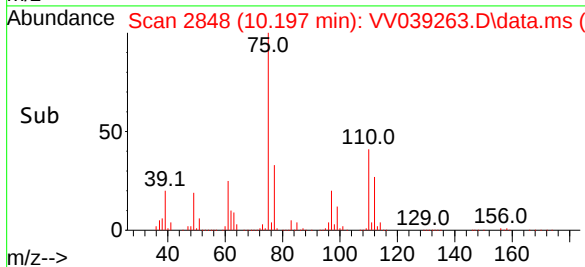
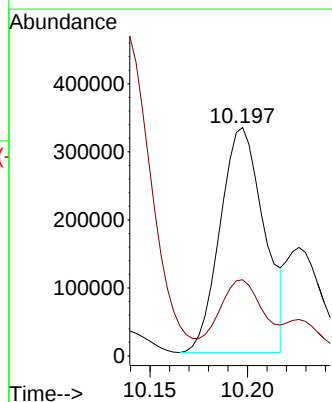
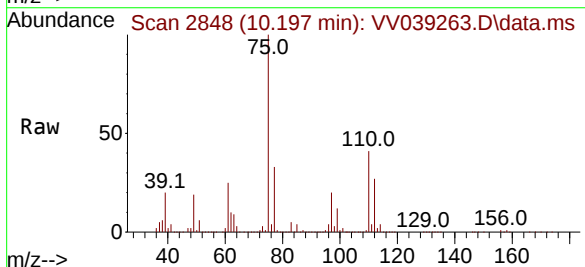
Acq: 03 Oct 2025 20:19

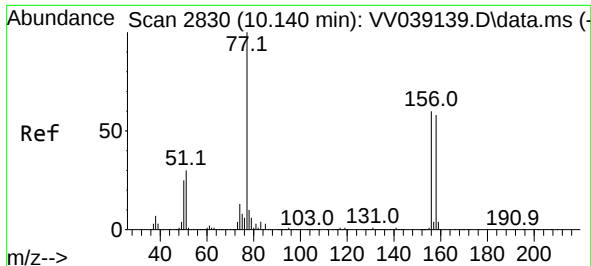
Tgt Ion: 75 Resp: 519910

Ion Ratio Lower Upper

75 100

77 22.8 11.3 33.8

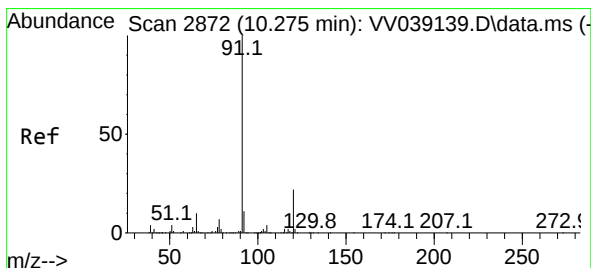
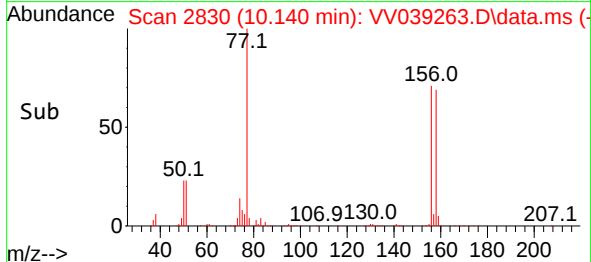
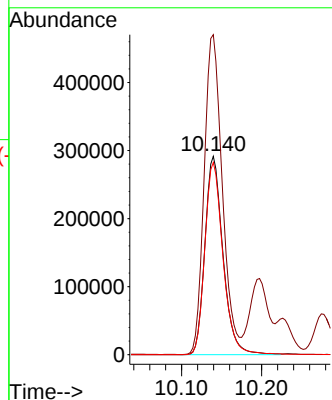
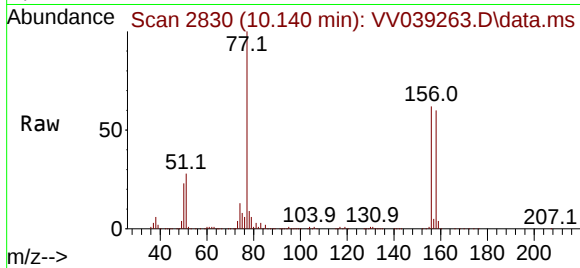




#77
Bromobenzene
Concen: 40.940 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

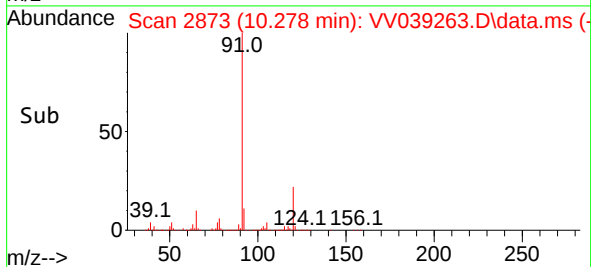
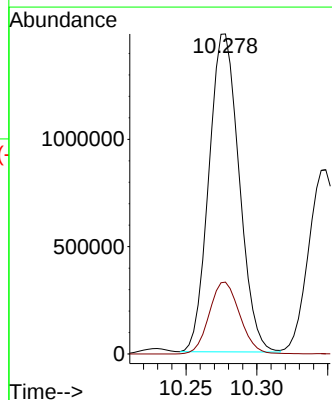
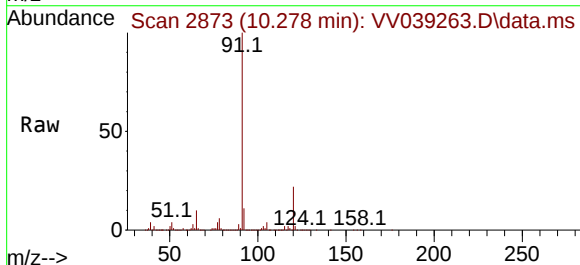
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

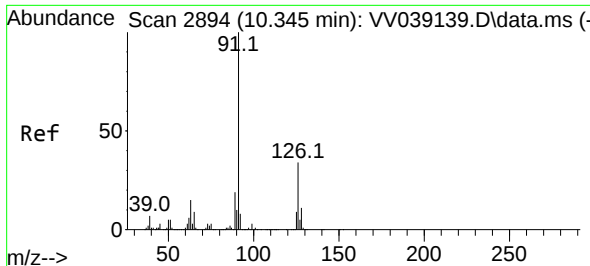
Tgt Ion:156 Resp: 459232
Ion Ratio Lower Upper
156 100
77 161.9 83.4 250.1
158 98.0 48.8 146.4



#78
n-propylbenzene
Concen: 41.790 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 91 Resp: 2200200
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.3

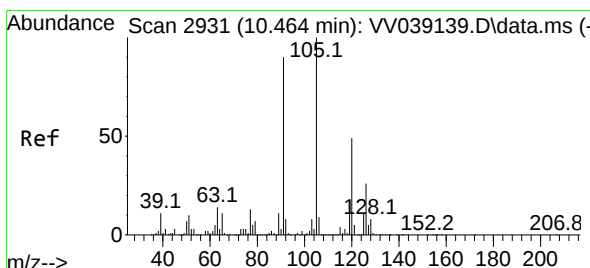
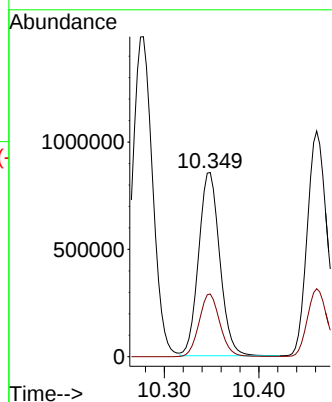
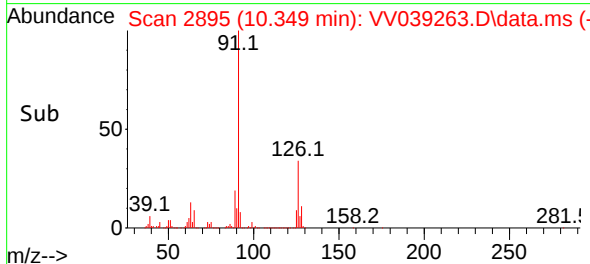
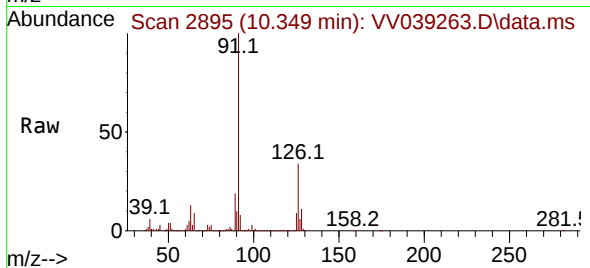




#79
2-Chlorotoluene
Concen: 42.101 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

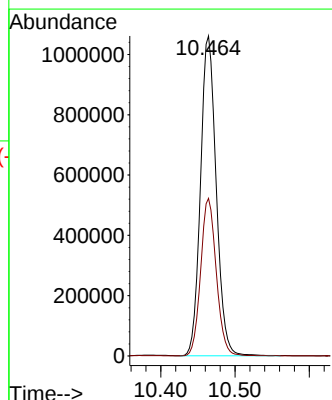
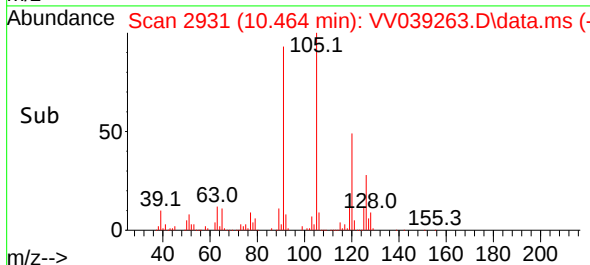
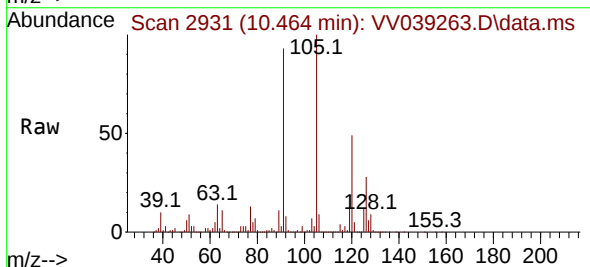
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

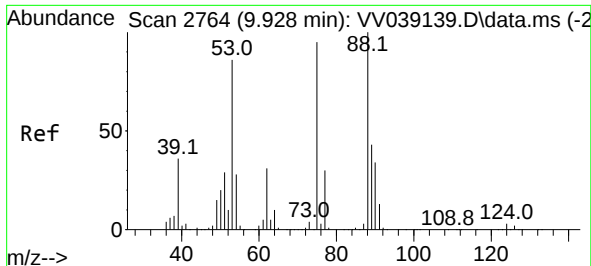
Tgt Ion: 91 Resp: 1326337
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 43.430 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 105 Resp: 1560698
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

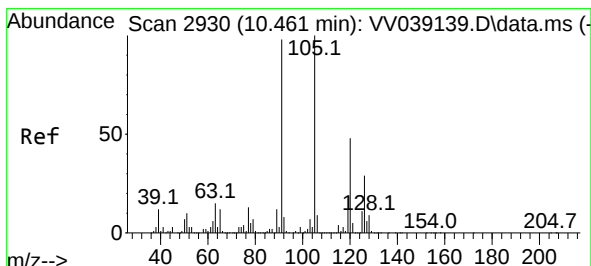
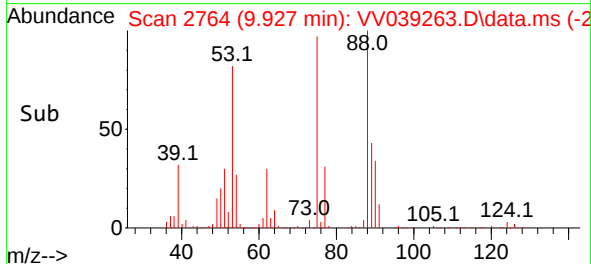
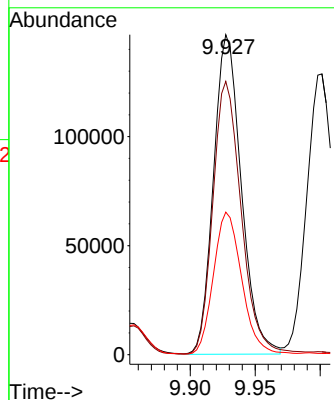
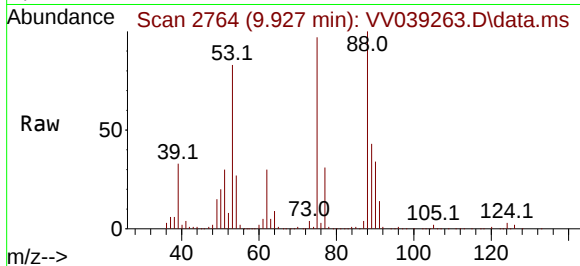




#81
trans-1,4-Dichloro-2-butene
Concen: 38.565 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

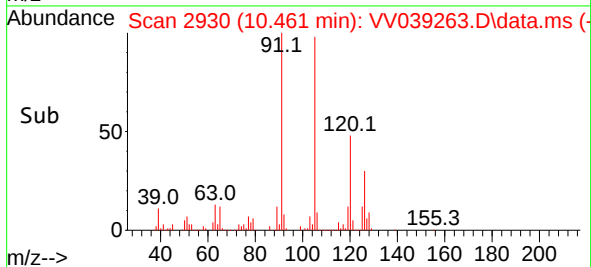
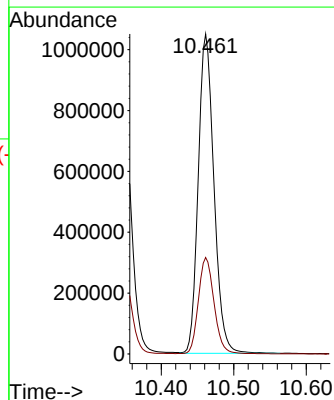
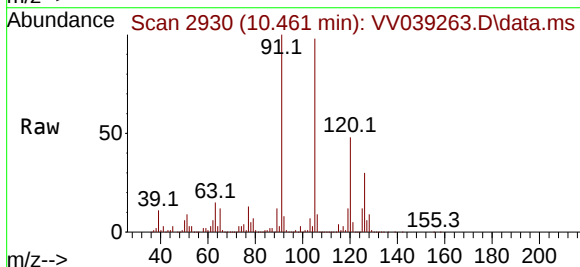
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

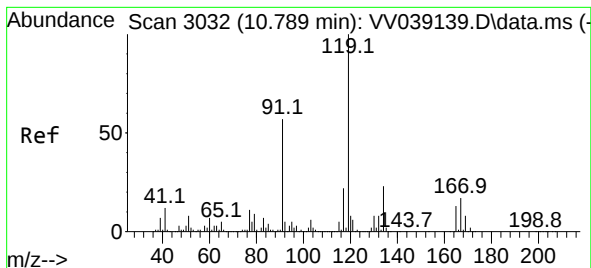
Tgt Ion: 75 Resp: 218024
Ion Ratio Lower Upper
75 100
53 86.7 72.5 108.7
89 45.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 43.129 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 91 Resp: 1575524
Ion Ratio Lower Upper
91 100
126 30.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 40.540 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

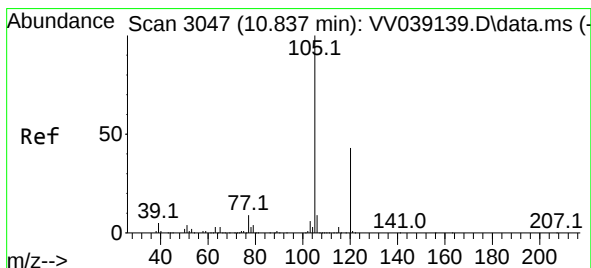
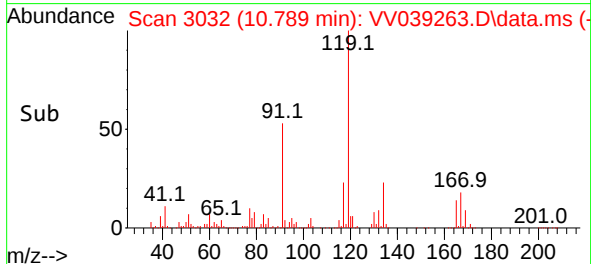
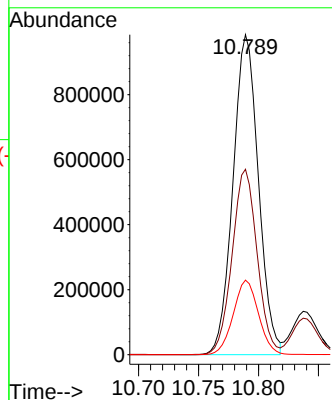
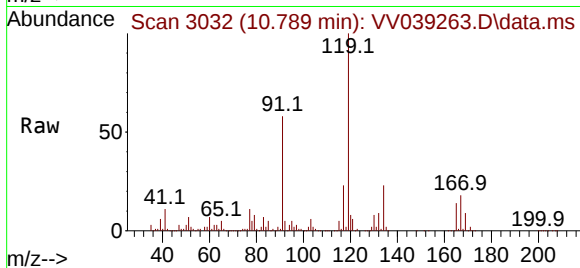
Tgt Ion:119 Resp: 1452706

Ion Ratio Lower Upper

119 100

91 57.0 28.5 85.6

134 23.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 45.038 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039263.D

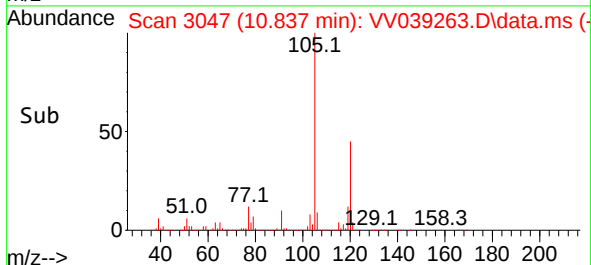
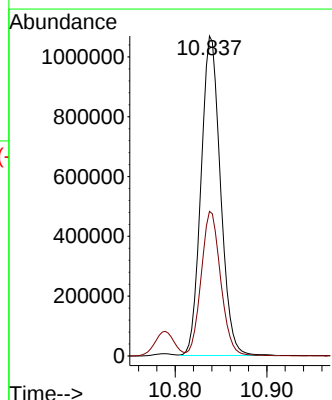
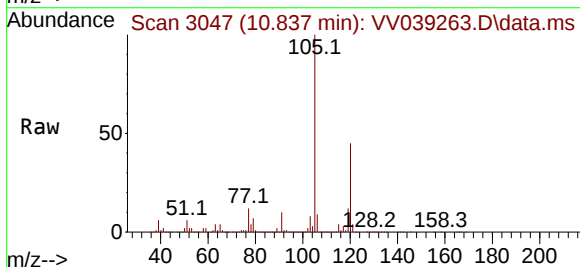
Acq: 03 Oct 2025 20:19

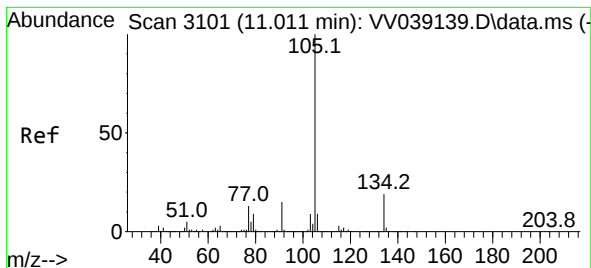
Tgt Ion:105 Resp: 1571288

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 40.003 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

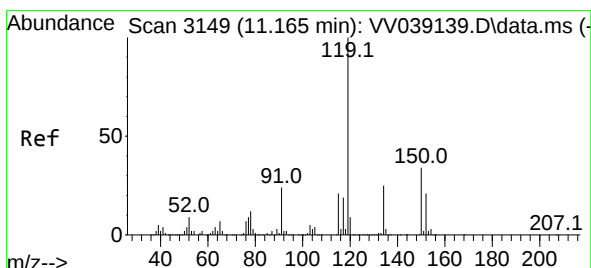
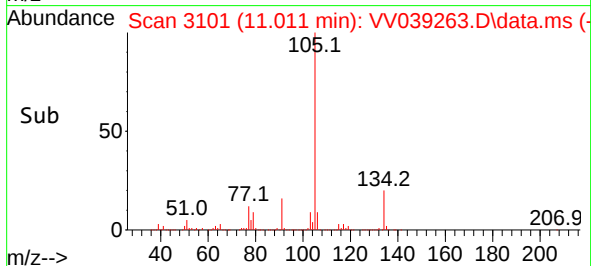
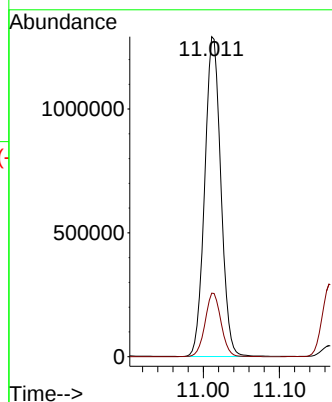
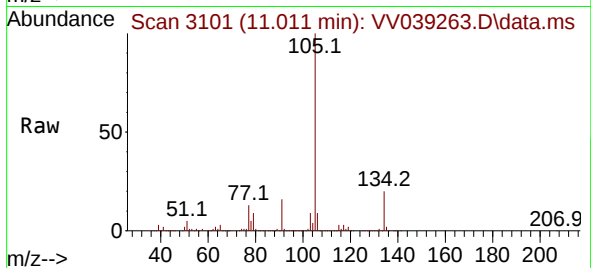
VSTDCCC050EC

Tgt Ion:105 Resp: 1901272

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 41.211 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

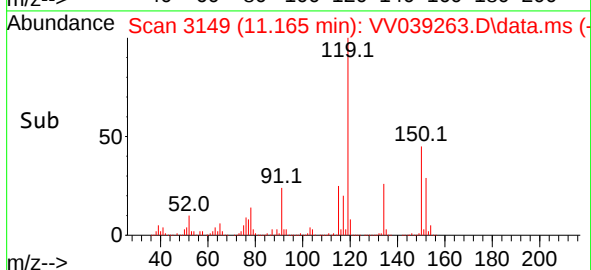
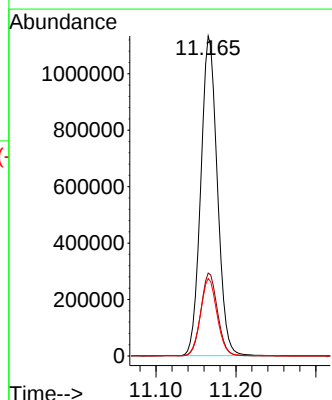
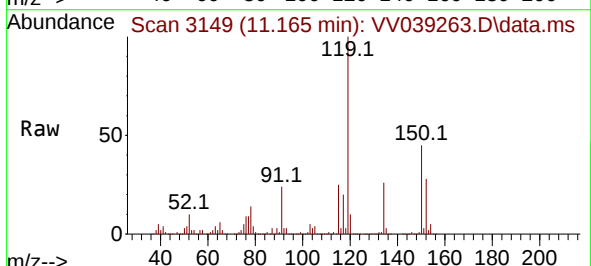
Tgt Ion:119 Resp: 1630227

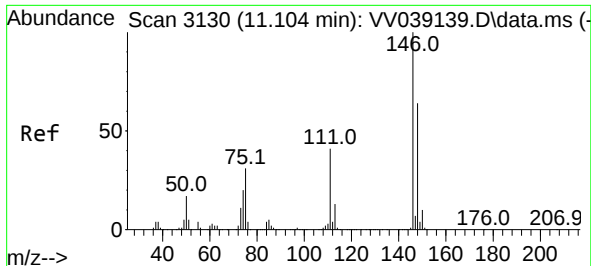
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 40.283 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

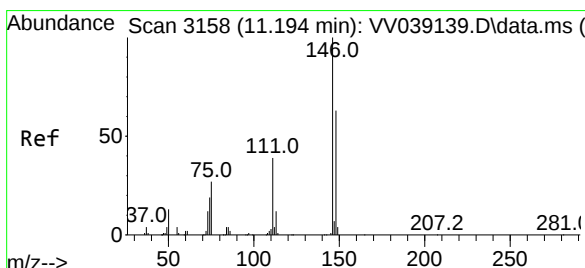
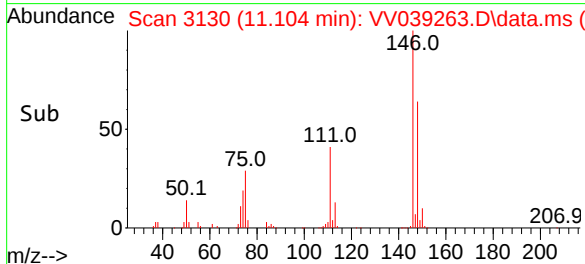
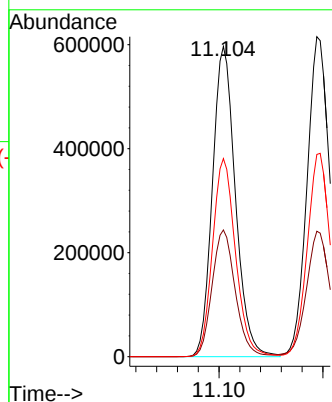
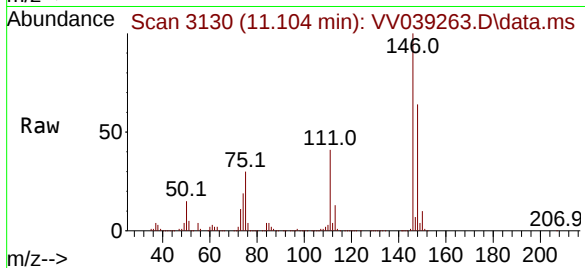
Tgt Ion:146 Resp: 914496

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 38.710 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

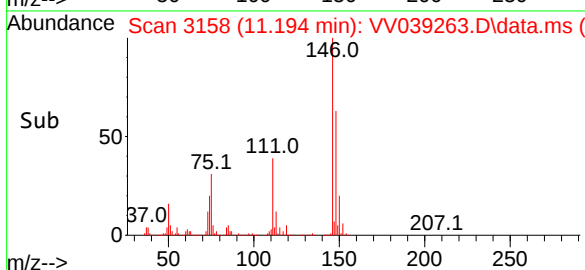
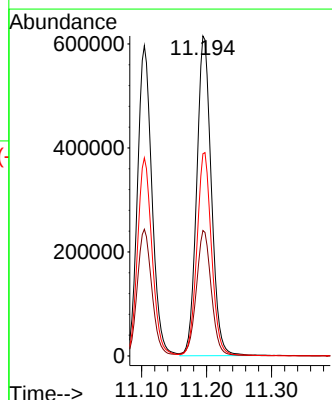
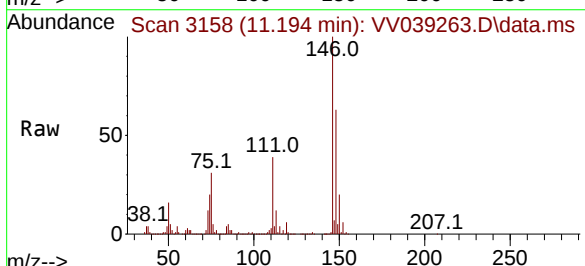
Tgt Ion:146 Resp: 964103

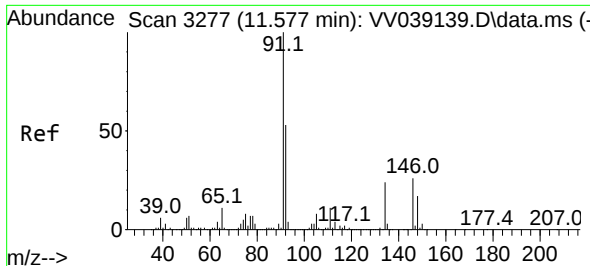
Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 63.5 31.4 94.2

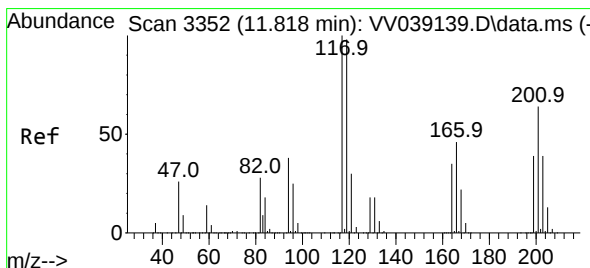
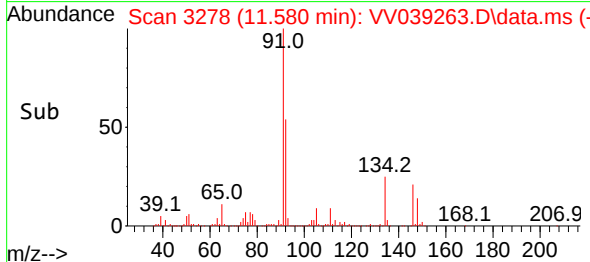
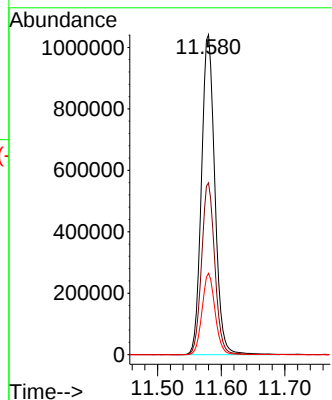
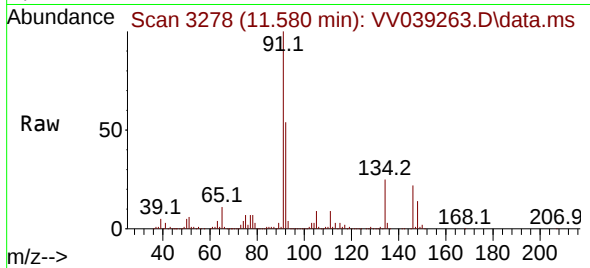




#89
n-Butylbenzene
Concen: 40.240 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

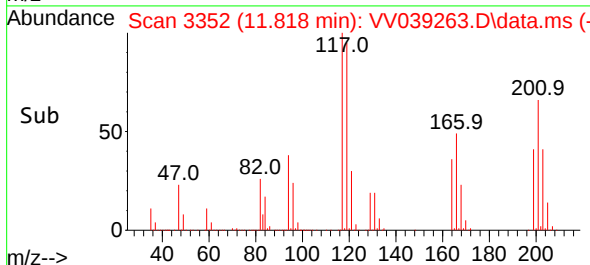
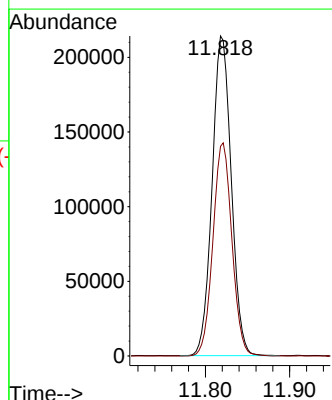
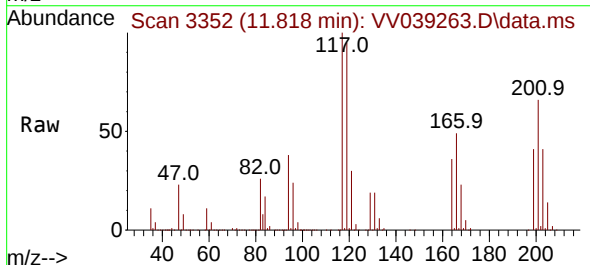
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

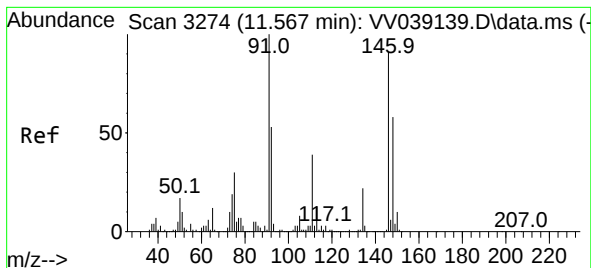
Tgt Ion: 91 Resp: 1520280
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.8 12.1 36.3



#90
Hexachloroethane
Concen: 34.709 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VV039263.D
Acq: 03 Oct 2025 20:19

Tgt Ion: 117 Resp: 338112
Ion Ratio Lower Upper
117 100
201 66.1 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 40.631 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

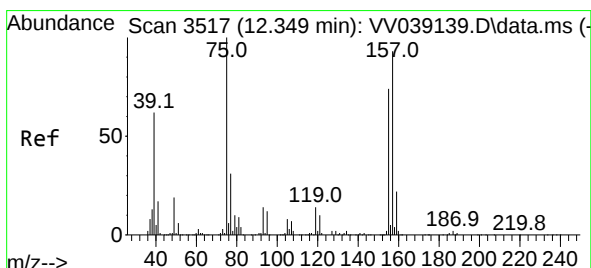
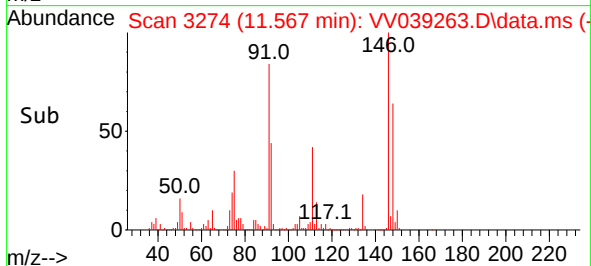
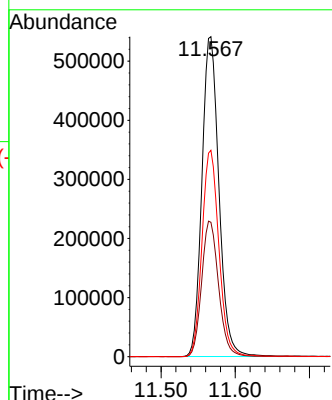
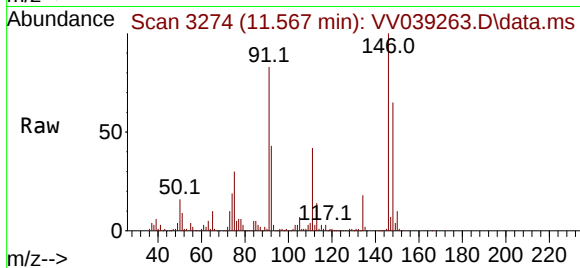
Tgt Ion:146 Resp: 861767

Ion Ratio Lower Upper

146 100

111 42.2 21.5 64.5

148 64.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.713 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

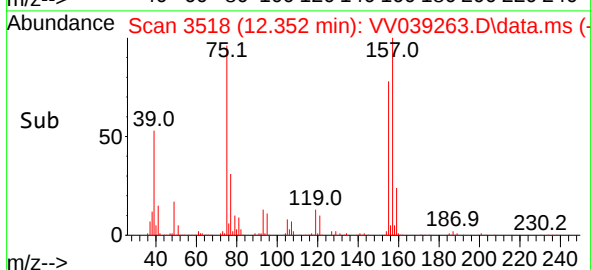
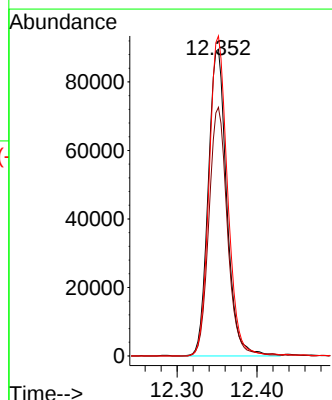
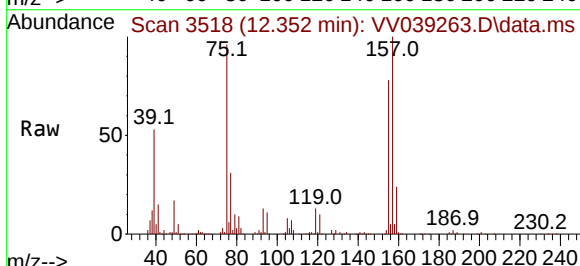
Tgt Ion: 75 Resp: 144646

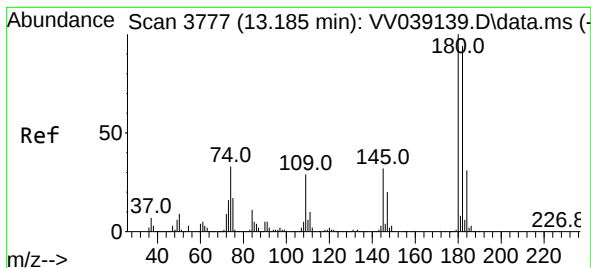
Ion Ratio Lower Upper

75 100

155 80.9 38.6 115.8

157 103.6 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 41.798 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.001 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

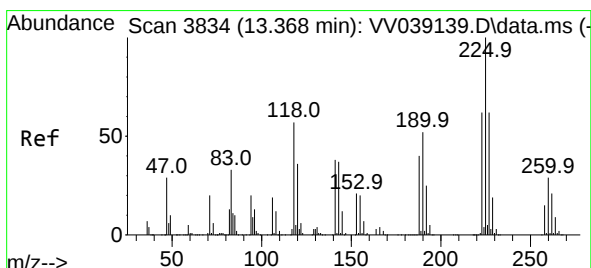
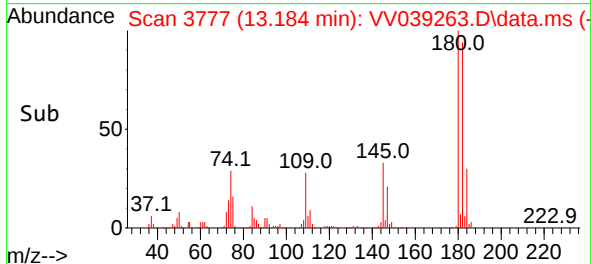
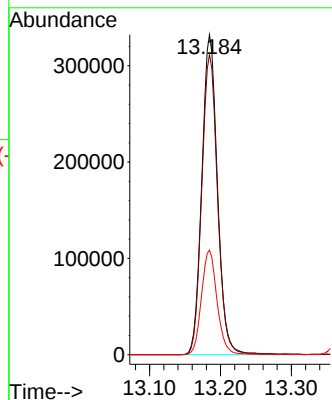
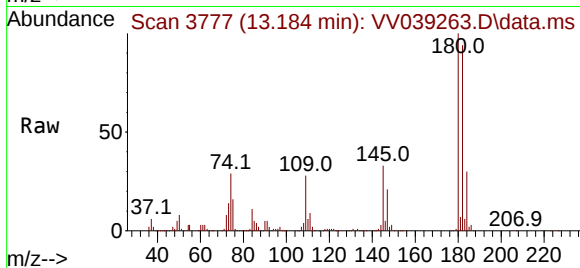
Tgt Ion:180 Resp: 508183

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 32.5 16.3 48.8



#94

Hexachlorobutadiene

Concen: 31.953 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

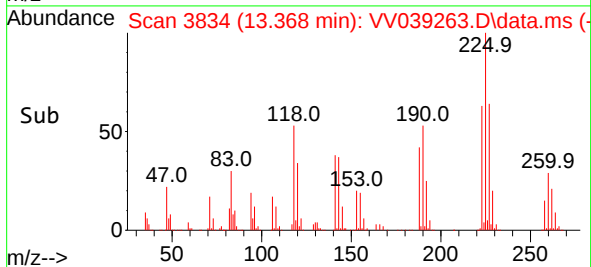
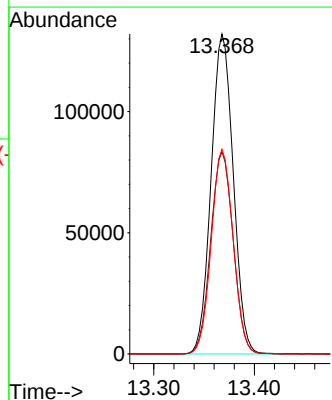
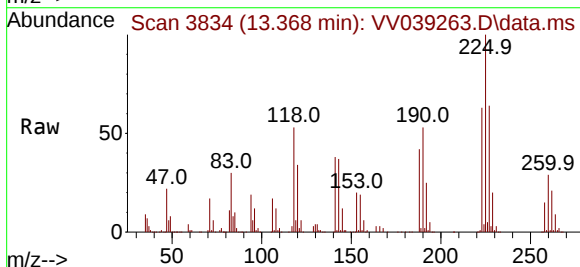
Tgt Ion:225 Resp: 201862

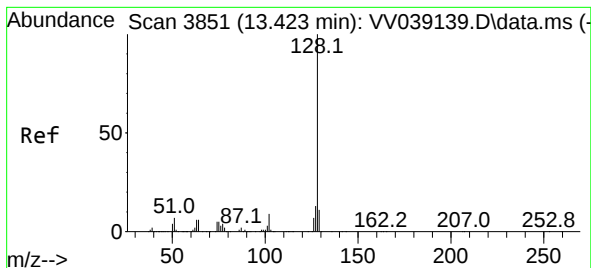
Ion Ratio Lower Upper

225 100

223 64.1 31.6 94.7

227 63.1 31.8 95.4





#95

Naphthalene

Concen: 46.499 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.001 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

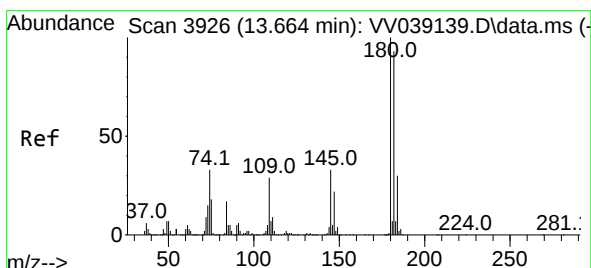
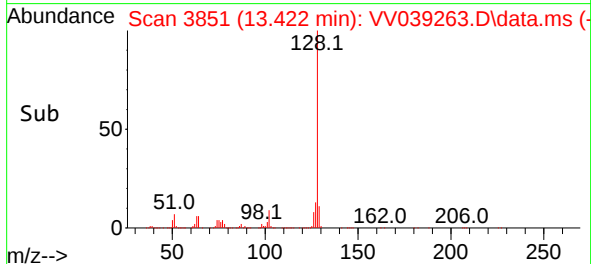
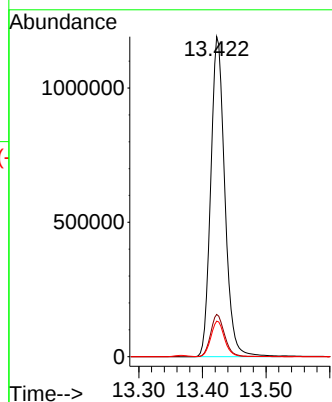
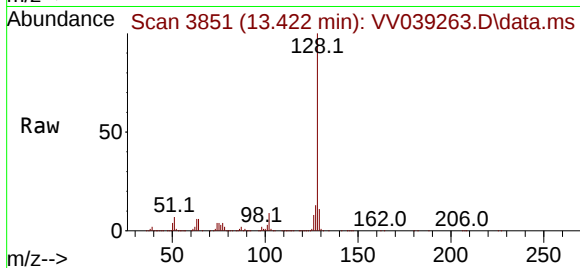
Tgt Ion:128 Resp: 1827270

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.669 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV039263.D

Acq: 03 Oct 2025 20:19

Tgt Ion:180 Resp: 530581

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.8

145 34.6 17.0 51.0

