

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039304.D
 Acq On : 21 Oct 2025 15:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 04:49:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	760634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1195945	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1147018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	656771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	493102	45.623	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.240%
35) Dibromofluoromethane	4.500	113	452769	48.048	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.100%
50) Toluene-d8	7.233	98	1550143	48.355	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	9.998	95	619155	54.232	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	428246	44.545	ug/l	99
3) Chloromethane	1.230	50	416250	41.587	ug/l	99
4) Vinyl Chloride	1.298	62	484712	42.448	ug/l	99
5) Bromomethane	1.497	94	306216	41.331	ug/l	99
6) Chloroethane	1.561	64	304054	48.147	ug/l	100
7) Trichlorofluoromethane	1.725	101	735469	42.161	ug/l	98
8) Diethyl Ether	1.918	74	265596	42.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	448837	42.969	ug/l	99
10) Methyl Iodide	2.198	142	451542	50.174	ug/l	99
11) Tert butyl alcohol	2.564	59	320522	153.024	ug/l	100
12) 1,1-Dichloroethene	2.082	96	423993	41.340	ug/l	99
13) Acrolein	2.011	56	82272	62.726	ug/l	100
14) Allyl chloride	2.359	41	683153	42.018	ug/l	99
15) Acrylonitrile	2.674	53	1195883	192.523	ug/l	99
16) Acetone	2.118	43	1118911	221.620	ug/l	99
17) Carbon Disulfide	2.253	76	1129656	38.995	ug/l	100
18) Methyl Acetate	2.378	43	729807	52.109	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1362055	44.122	ug/l	99
20) Methylene Chloride	2.458	84	472759	49.253	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	449254	41.602	ug/l	100
22) Diisopropyl ether	3.214	45	1357427	46.502	ug/l	97
23) Vinyl Acetate	3.188	43	5402142	210.804	ug/l	100
24) 1,1-Dichloroethane	3.117	63	816394	41.746	ug/l	99
25) 2-Butanone	3.860	43	1446234	218.801	ug/l	99
26) 2,2-Dichloropropane	3.812	77	698660	44.356	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	501913	46.421	ug/l	100
28) Bromochloromethane	4.146	49	391610	46.970	ug/l	99
29) Tetrahydrofuran	4.233	42	924002	218.635	ug/l	99
30) Chloroform	4.278	83	848357	42.539	ug/l	99
31) Cyclohexane	4.584	56	654215	45.930	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	742582	42.587	ug/l	99
36) 1,1-Dichloropropene	4.744	75	553803	46.792	ug/l	99
37) Ethyl Acetate	3.973	43	547959	39.547	ug/l	98
38) Carbon Tetrachloride	4.735	117	650671	45.125	ug/l	98
39) Methylcyclohexane	6.047	83	636837	47.080	ug/l	96
40) Benzene	5.008	78	1770951	46.631	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039304.D
 Acq On : 21 Oct 2025 15:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 04:49:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	267224	45.258	ug/l	98
42) 1,2-Dichloroethane	5.037	62	578619	43.411	ug/l	100
43) Isopropyl Acetate	5.191	43	873665	48.162	ug/l	100
44) Trichloroethene	5.828	130	441477	46.226	ug/l	99
45) 1,2-Dichloropropane	6.088	63	441138	47.734	ug/l	100
46) Dibromomethane	6.223	93	333178	43.133	ug/l	96
47) Bromodichloromethane	6.423	83	672252	44.169	ug/l	100
48) Methyl methacrylate	6.294	41	410080	48.796	ug/l	99
49) 1,4-Dioxane	6.288	88	96478	690.109	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	2953922	234.712	ug/l	100
52) Toluene	7.307	92	1135879	49.534	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	662182	49.782	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	725015	49.026	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	465430	44.950	ug/l	98
56) Ethyl methacrylate	7.712	69	652615	55.632	ug/l	99
57) 1,3-Dichloropropane	7.931	76	736305	47.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1791788	252.329	ug/l	99
59) 2-Hexanone	8.063	43	2170485	234.915	ug/l	99
60) Dibromochloromethane	8.166	129	544581	44.982	ug/l	100
61) 1,2-Dibromoethane	8.272	107	493224	45.747	ug/l	99
64) Tetrachloroethene	7.895	164	385040	46.019	ug/l	99
65) Chlorobenzene	8.802	112	1269400	46.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	449714	44.216	ug/l	100
67) Ethyl Benzene	8.934	91	2090364	52.262	ug/l	99
68) m/p-Xylenes	9.059	106	1700680	107.204	ug/l	100
69) o-Xylene	9.468	106	763646	54.509	ug/l	98
70) Styrene	9.484	104	1401313	56.215	ug/l	99
71) Bromoform	9.651	173	375136	45.608	ug/l #	99
73) Isopropylbenzene	9.854	105	2066103	51.805	ug/l	100
74) N-amyl acetate	9.722	43	776540	47.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	714288	39.000	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	520474	39.705	ug/l	99
77) Bromobenzene	10.140	156	526055	47.982	ug/l	99
78) n-propylbenzene	10.275	91	2433168	50.280	ug/l	99
79) 2-Chlorotoluene	10.345	91	1498104	50.142	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1731609	51.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	245120	47.225	ug/l	99
82) 4-Chlorotoluene	10.461	91	1753586	51.063	ug/l	99
83) tert-Butylbenzene	10.789	119	1641800	49.432	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1719529	52.220	ug/l	100
85) sec-Butylbenzene	11.011	105	2025847	48.241	ug/l	100
86) p-Isopropyltoluene	11.165	119	1734283	48.033	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1011614	46.260	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1054482	43.086	ug/l	99
89) n-Butylbenzene	11.577	91	1561275	46.433	ug/l	100
90) Hexachloroethane	11.818	117	340274	38.113	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	962822	46.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	142876	37.939	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	547577	47.197	ug/l	99
94) Hexachlorobutadiene	13.368	225	199572	33.971	ug/l	99
95) Naphthalene	13.423	128	1942421	51.101	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	548961	45.526	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039304.D
Acq On : 21 Oct 2025 15:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

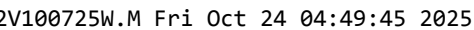
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

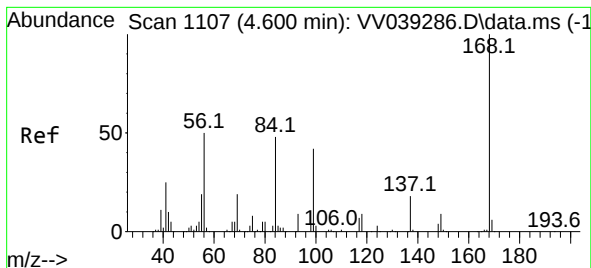
Quant Time: Oct 24 04:49:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 24 04:49:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

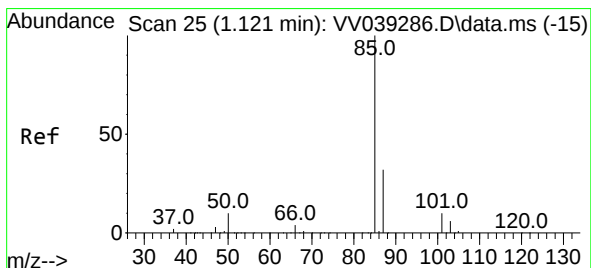
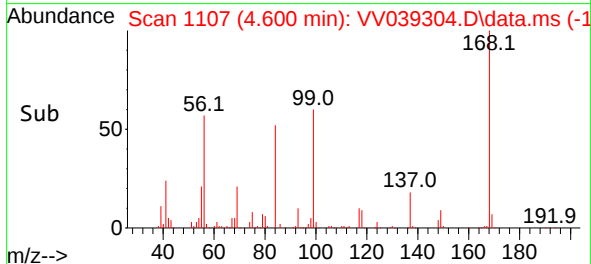
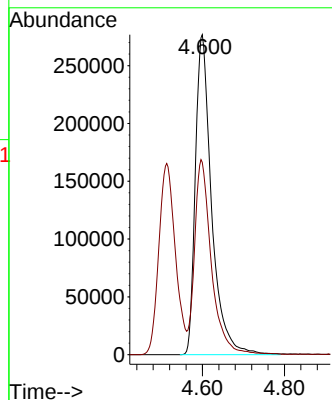
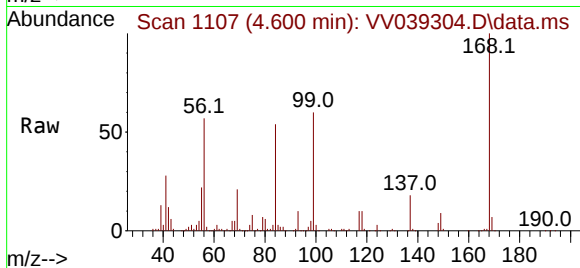
VSTDCCC050EC

Tgt Ion:168 Resp: 760634

Ion Ratio Lower Upper

168 100

99 59.9 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 44.545 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039304.D

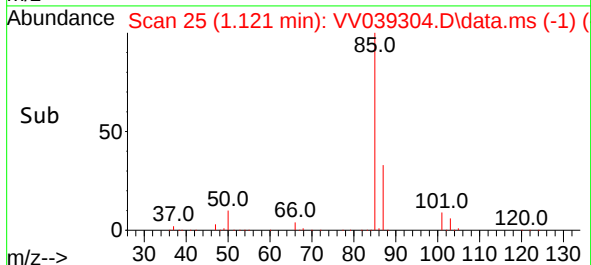
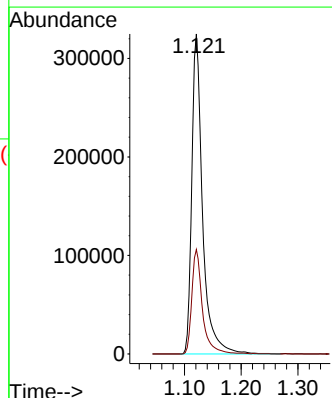
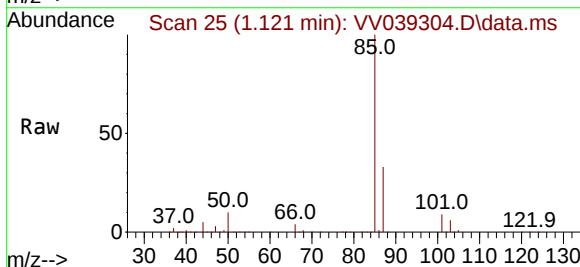
Acq: 21 Oct 2025 15:55

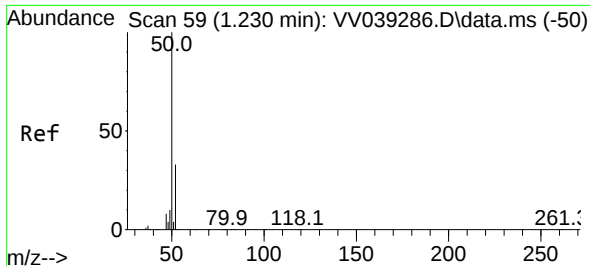
Tgt Ion: 85 Resp: 428246

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2

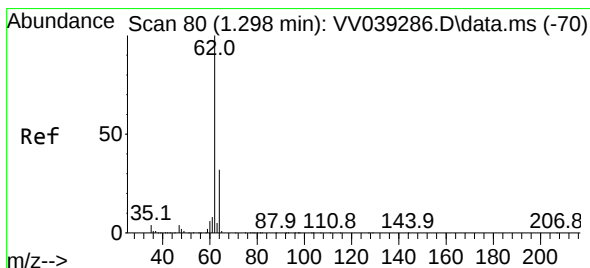
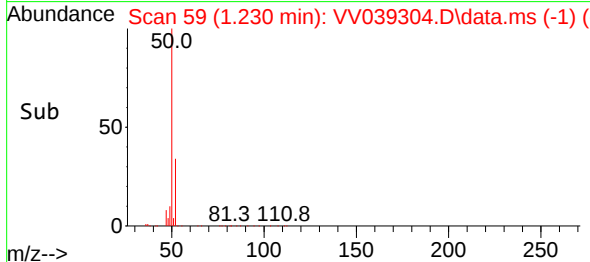
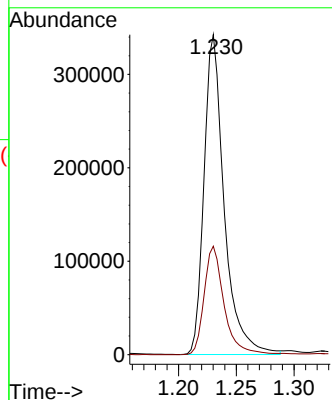
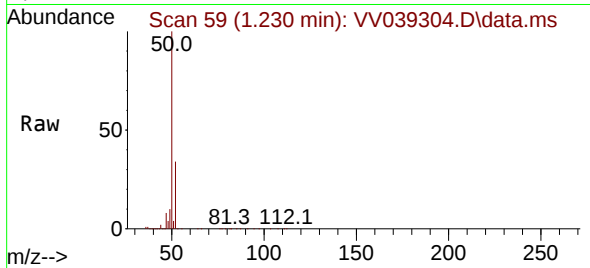




#3
Chloromethane
Concen: 41.587 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

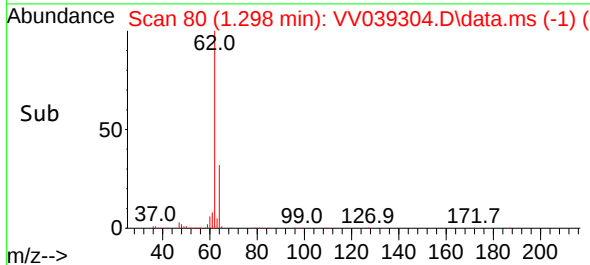
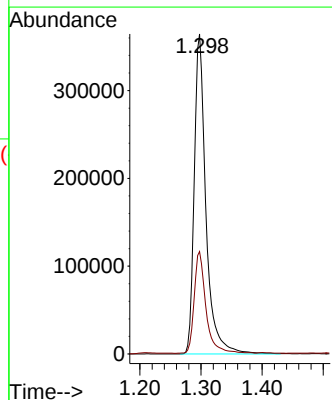
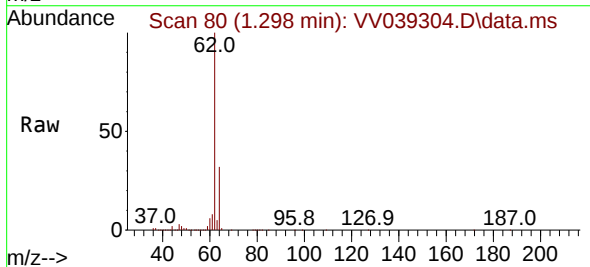
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

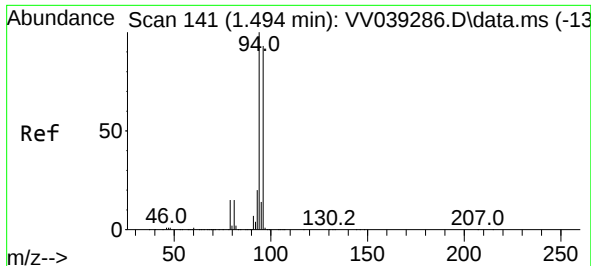
Tgt Ion: 50 Resp: 416250
Ion Ratio Lower Upper
50 100
52 33.9 26.6 39.8



#4
Vinyl Chloride
Concen: 42.448 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 62 Resp: 484712
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

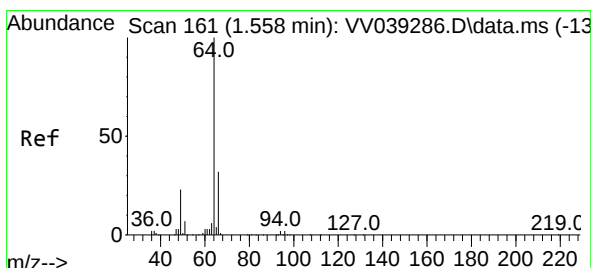
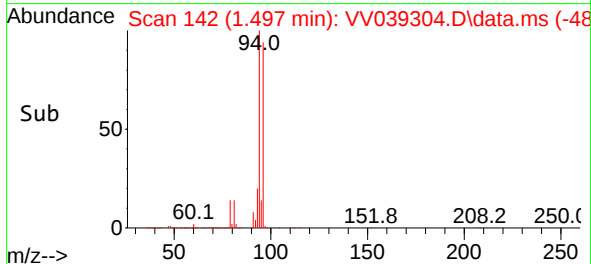
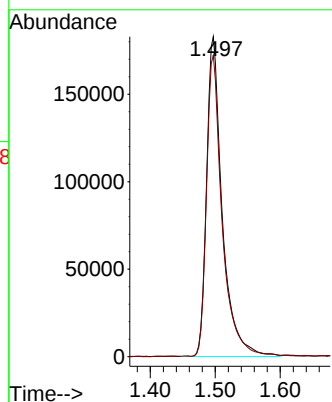
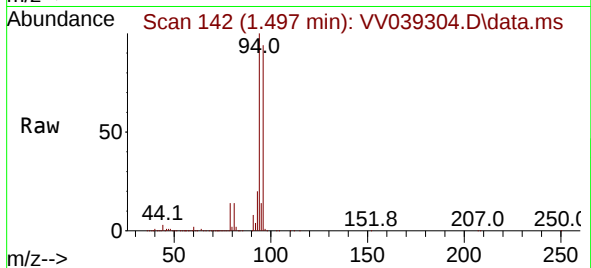




#5
Bromomethane
Concen: 41.331 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

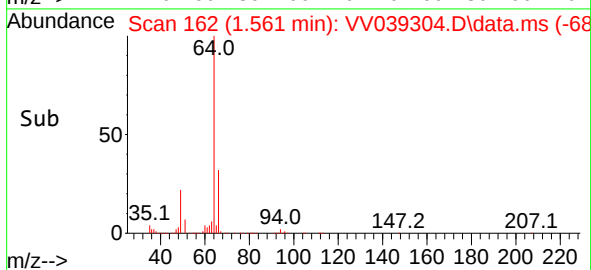
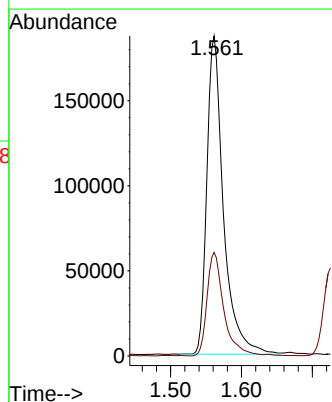
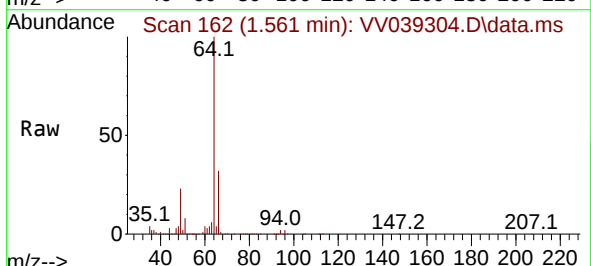
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

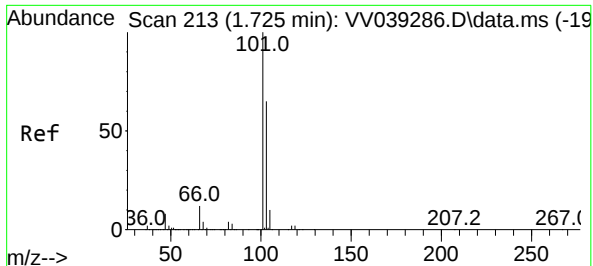
Tgt Ion: 94 Resp: 306216
Ion Ratio Lower Upper
94 100
96 94.1 74.2 111.2



#6
Chloroethane
Concen: 48.147 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 64 Resp: 304054
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

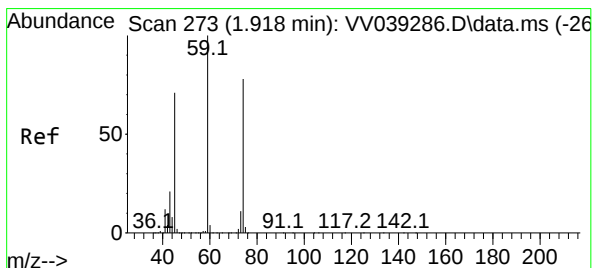
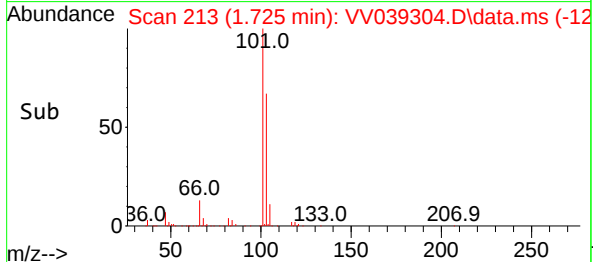
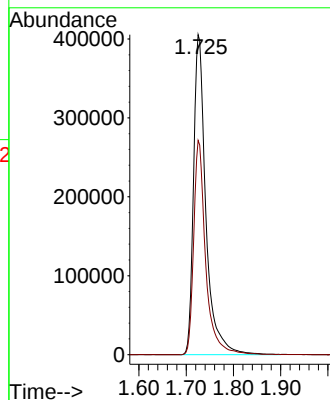
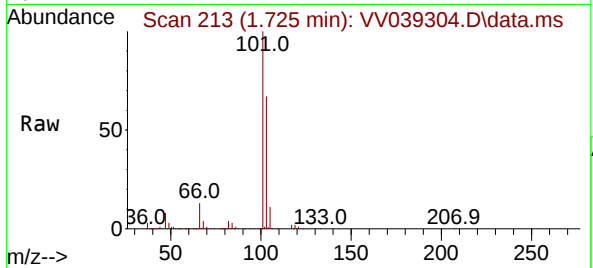




#7
 Trichlorofluoromethane
 Concen: 42.161 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

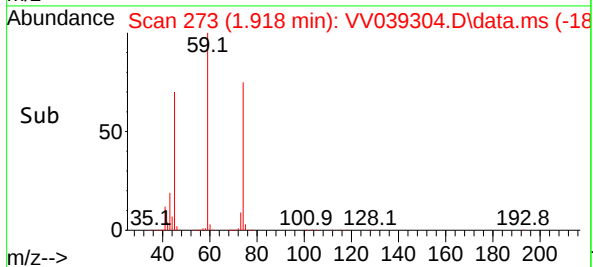
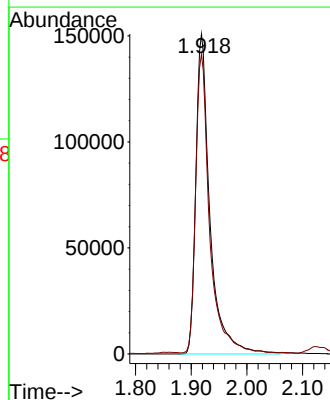
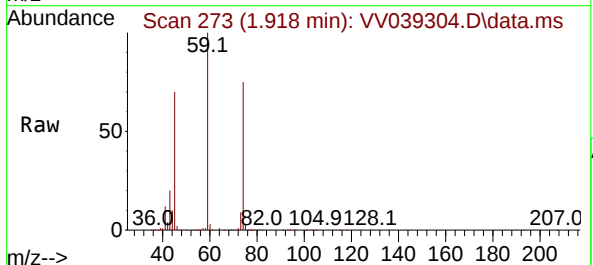
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

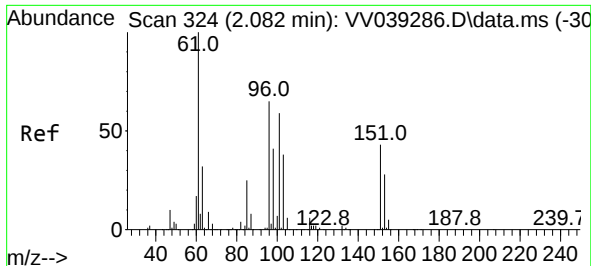
Tgt Ion:101 Resp: 735469
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 42.132 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

Tgt Ion: 74 Resp: 265596
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.9 137.7

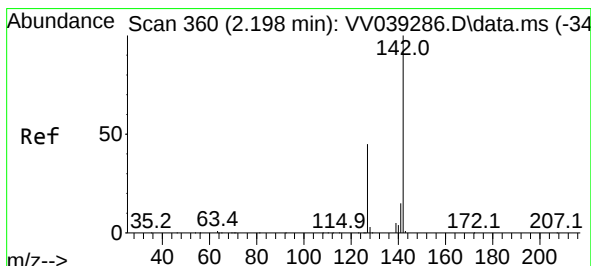
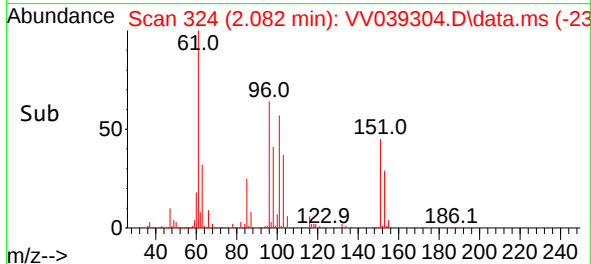
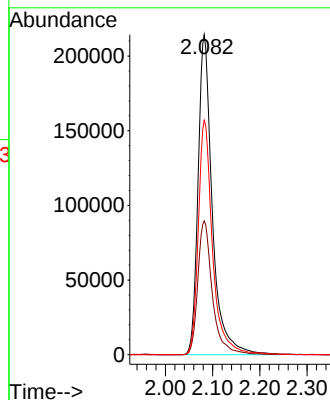
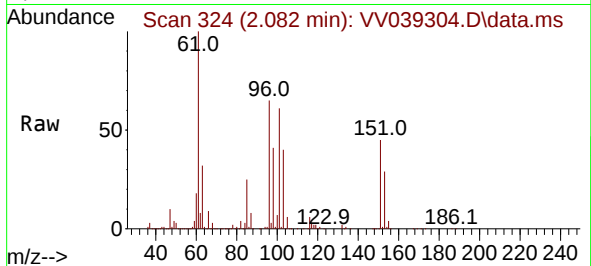




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.969 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

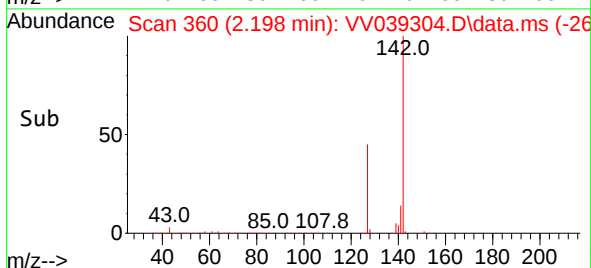
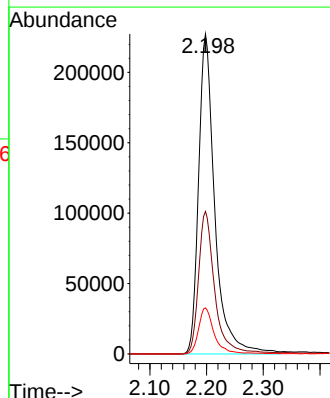
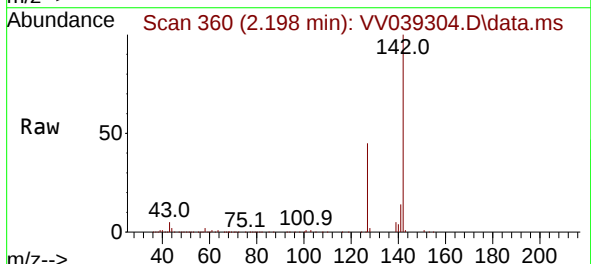
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

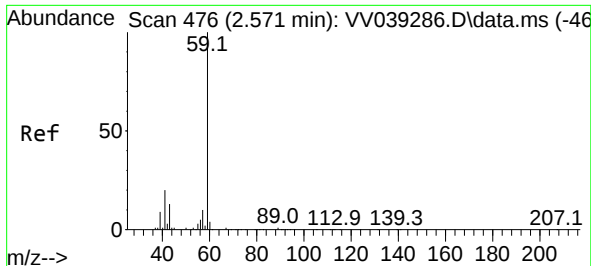
Tgt Ion:101 Resp: 448837
Ion Ratio Lower Upper
101 100
85 42.8 34.0 51.0
151 73.6 58.5 87.7



#10
Methyl Iodide
Concen: 50.174 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion:142 Resp: 451542
Ion Ratio Lower Upper
142 100
127 44.6 35.5 53.3
141 13.7 11.5 17.3

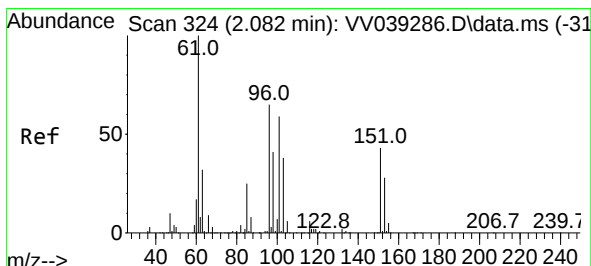
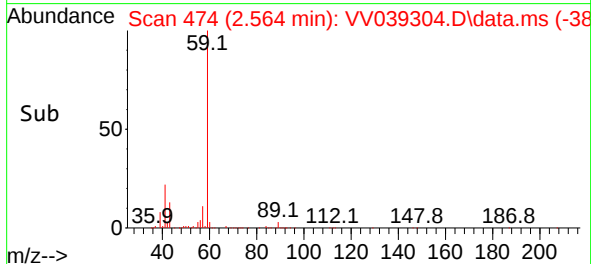
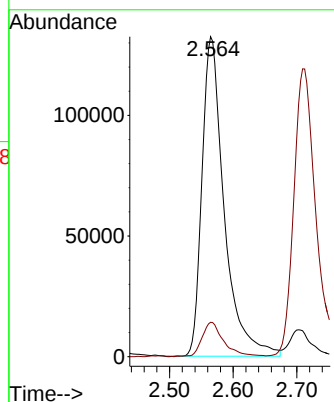
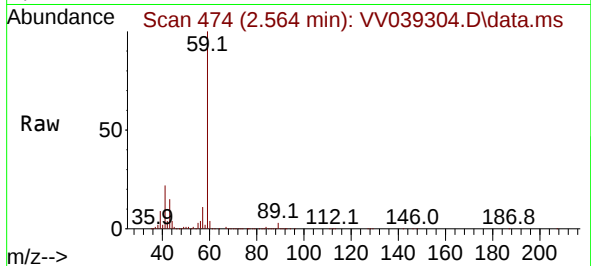




#11
Tert butyl alcohol
Concen: 153.024 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

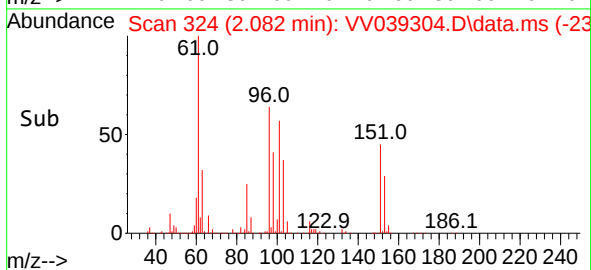
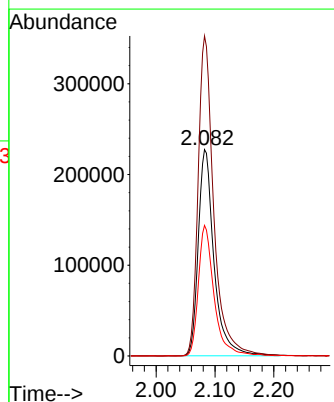
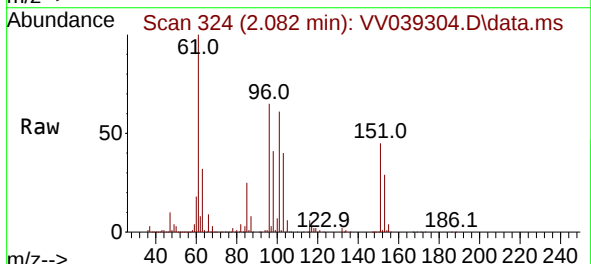
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

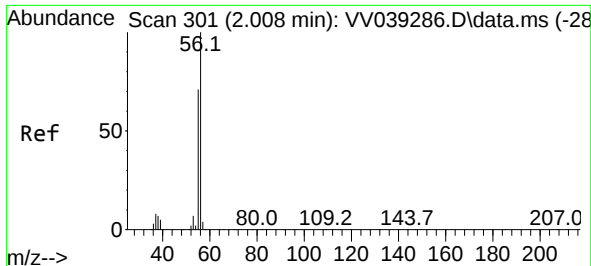
Tgt Ion: 59 Resp: 320522
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 41.340 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 96 Resp: 423993
Ion Ratio Lower Upper
96 100
61 155.0 123.6 185.4
98 63.3 51.1 76.7

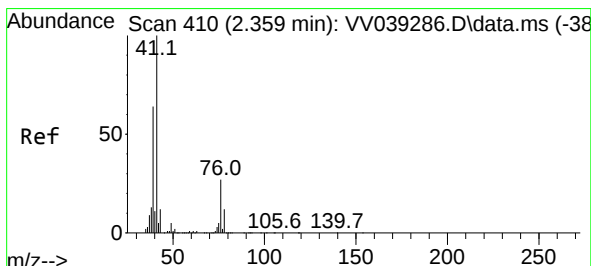
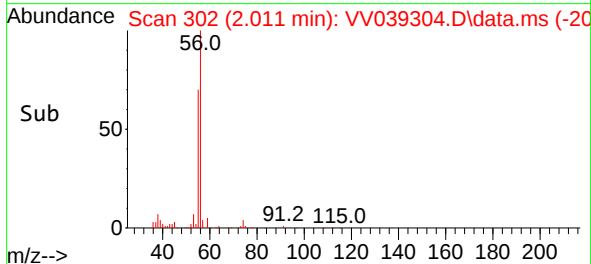
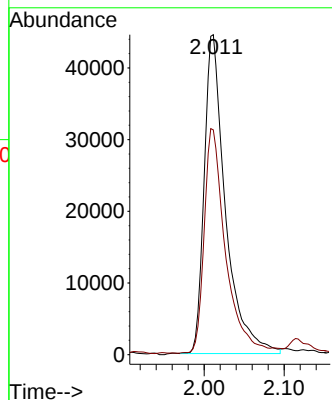
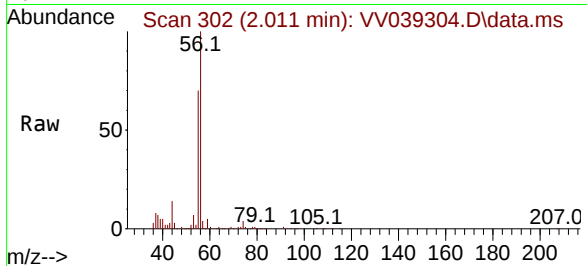




#13
Acrolein
Concen: 62.726 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

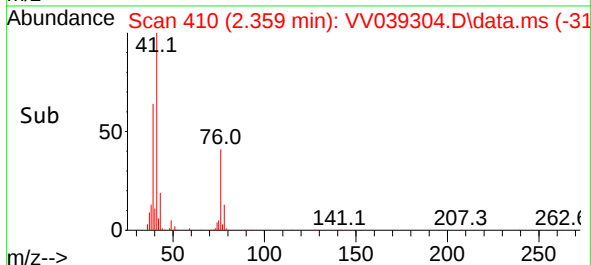
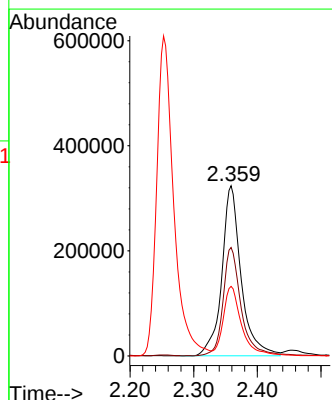
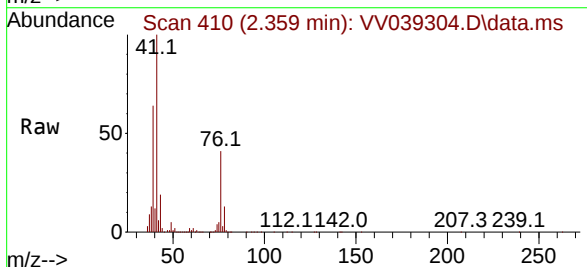
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

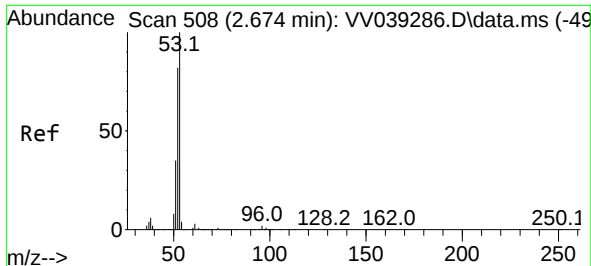
Tgt Ion: 56 Resp: 82272
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 42.018 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 41 Resp: 683153
Ion Ratio Lower Upper
41 100
39 59.8 47.8 71.6
76 39.1 30.2 45.2



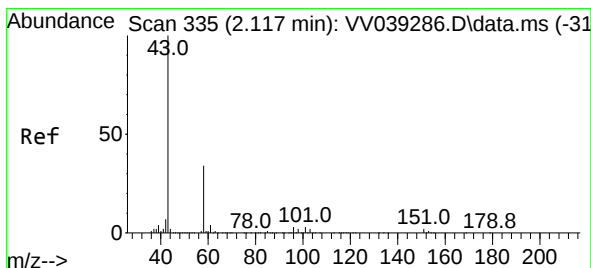
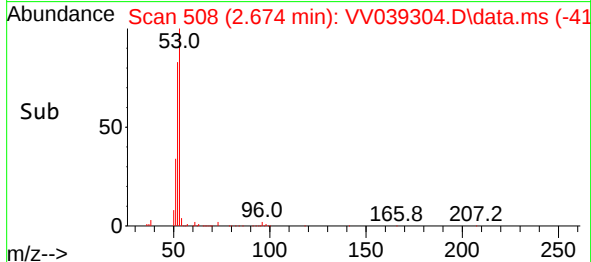
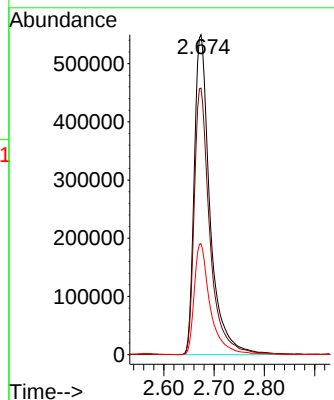
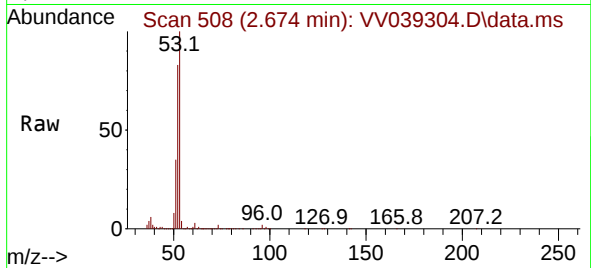


#15
Acrylonitrile
Concen: 192.523 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1195883

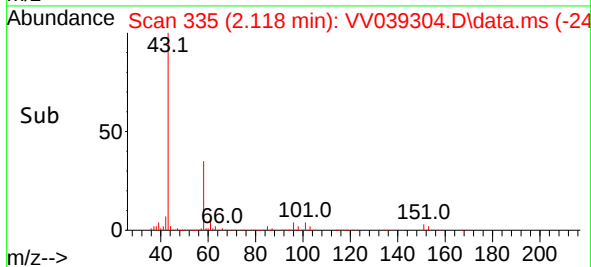
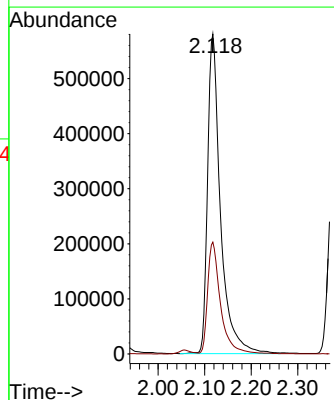
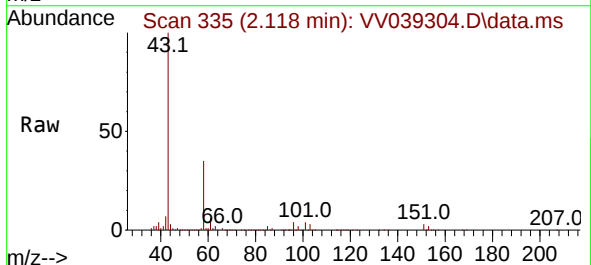
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.0	97.6
51	35.2	27.9	41.9

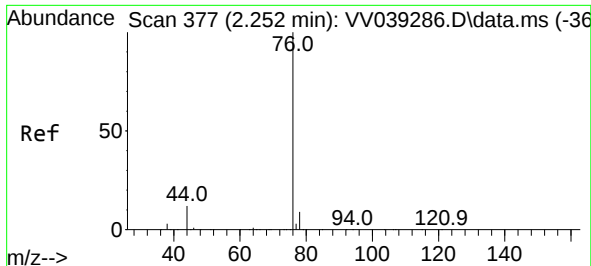


#16
Acetone
Concen: 221.620 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 43 Resp: 1118911

Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.5	41.3

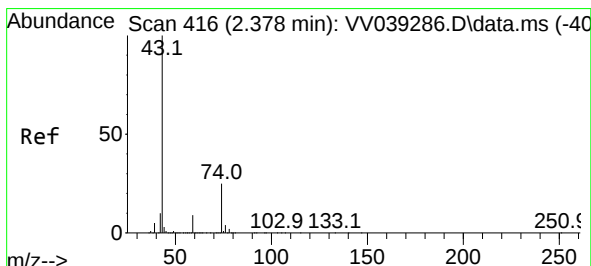
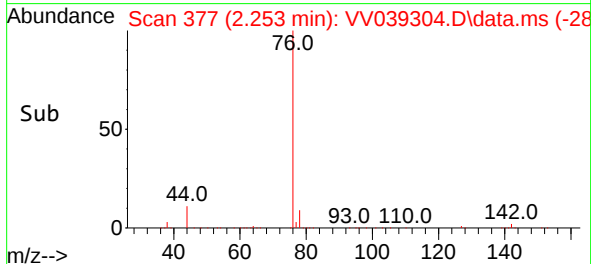
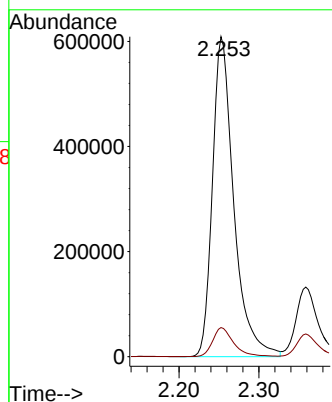
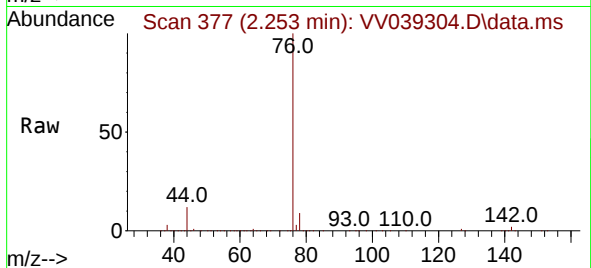




#17
Carbon Disulfide
Concen: 38.995 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

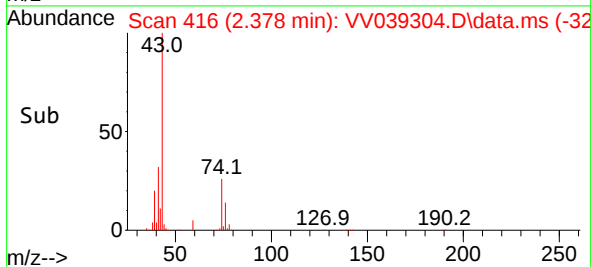
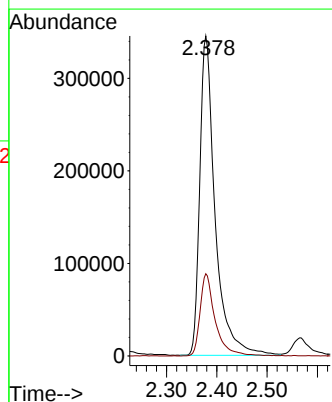
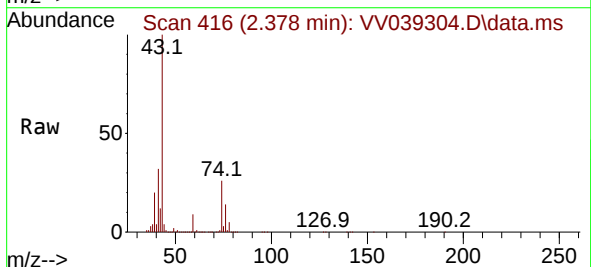
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

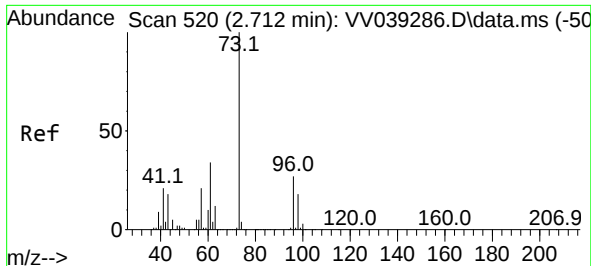
Tgt Ion: 76 Resp: 1129656
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 52.109 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 43 Resp: 729807
Ion Ratio Lower Upper
43 100
74 25.3 19.5 29.3

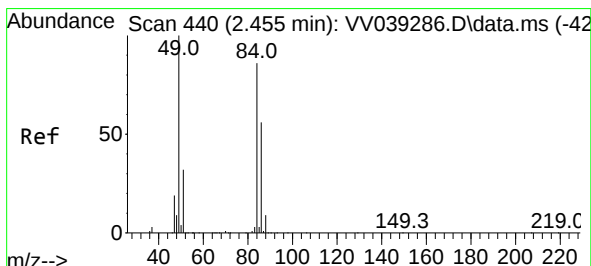
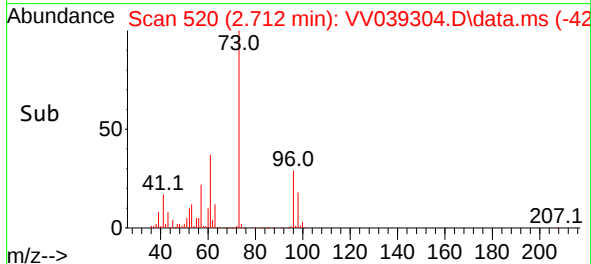
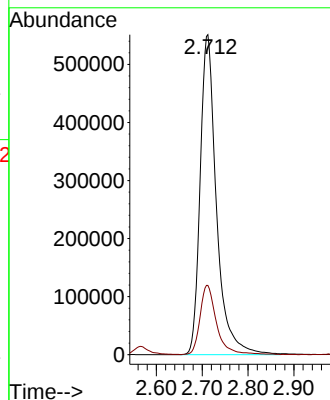
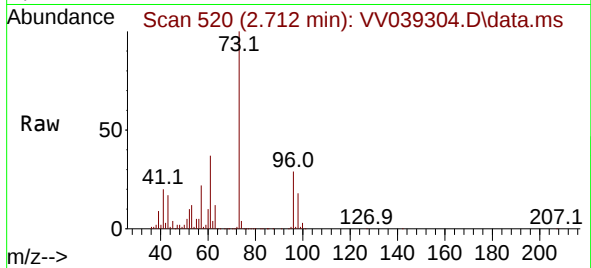




#19
Methyl tert-butyl Ether
Concen: 44.122 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

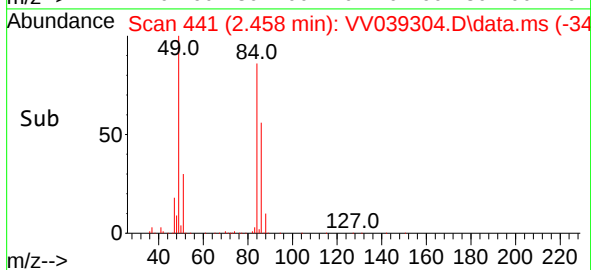
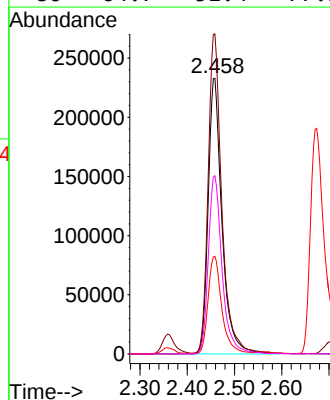
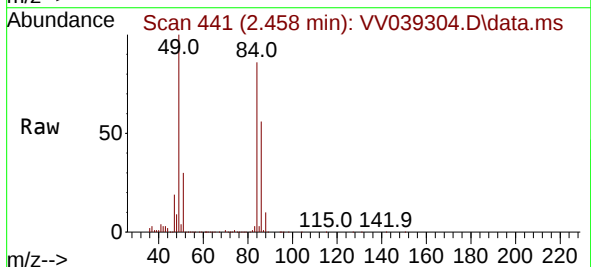
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

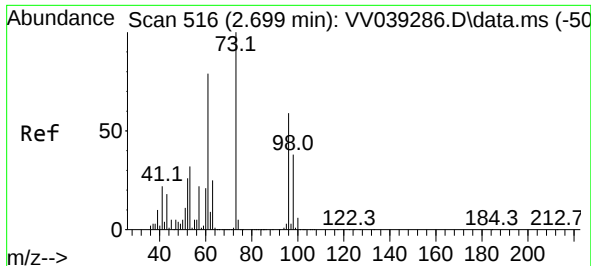
Tgt Ion: 73 Resp: 1362055
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 49.253 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 84 Resp: 472759
Ion Ratio Lower Upper
84 100
49 115.8 92.6 139.0
51 35.1 29.6 44.4
86 64.7 51.4 77.2

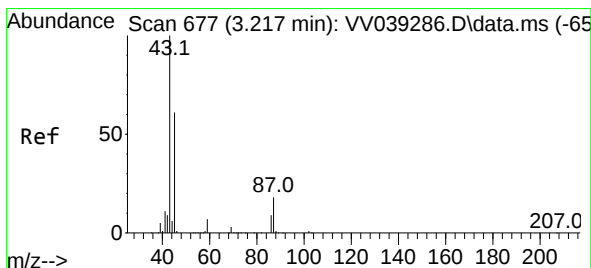
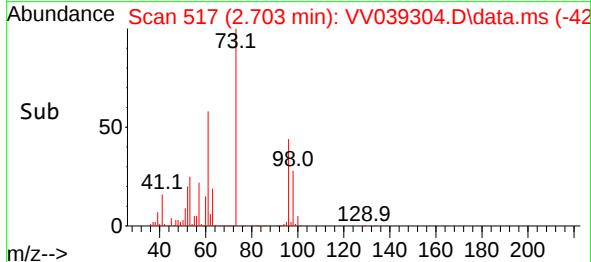
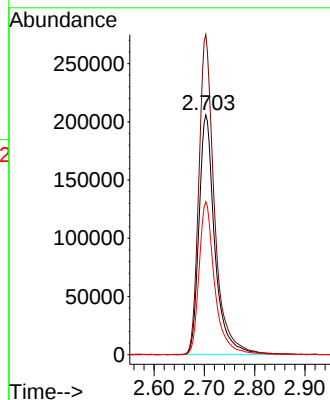
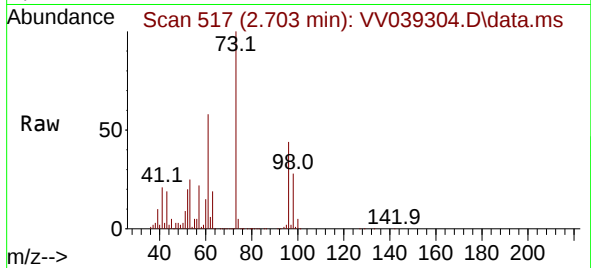




#21
trans-1,2-Dichloroethene
Concen: 41.602 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

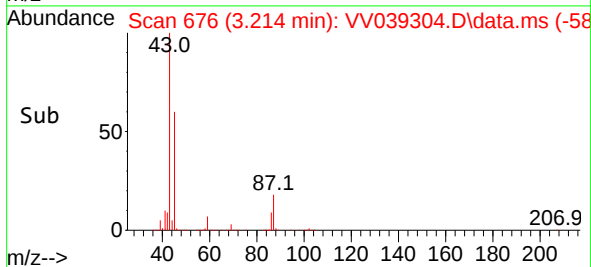
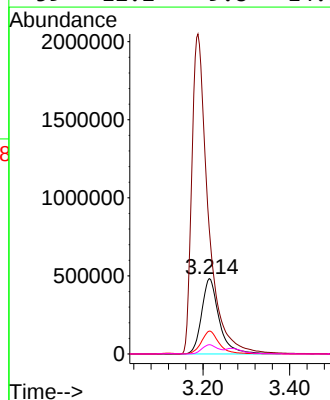
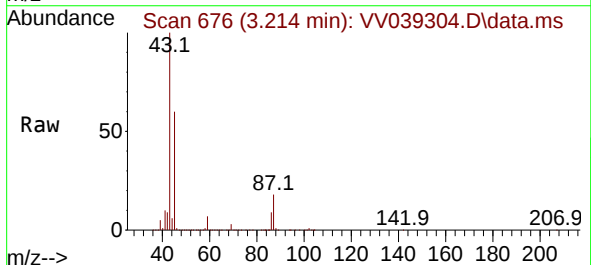
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

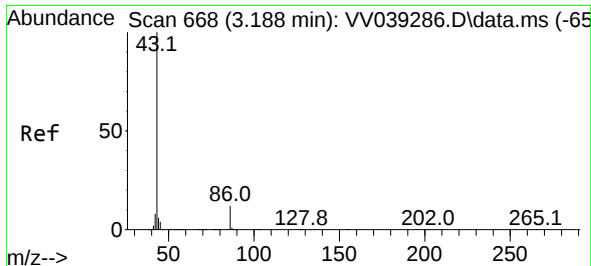
Tgt Ion: 96 Resp: 449254
Ion Ratio Lower Upper
96 100
61 133.6 106.8 160.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 46.502 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 45 Resp: 1357427
Ion Ratio Lower Upper
45 100
43 167.6 130.8 196.2
87 30.3 23.8 35.8
59 12.2 9.8 14.8

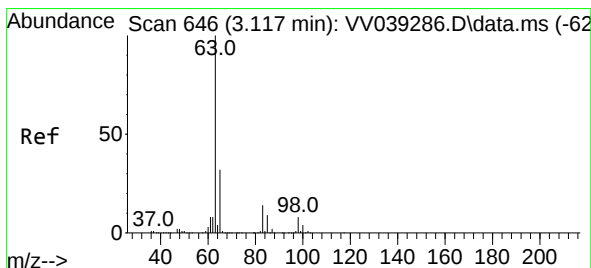
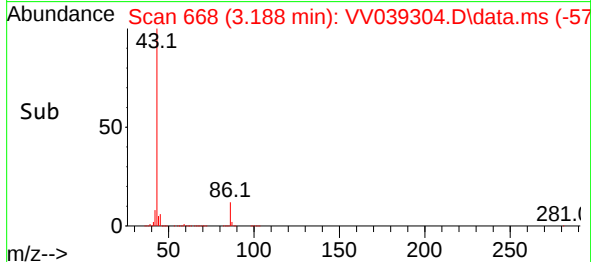
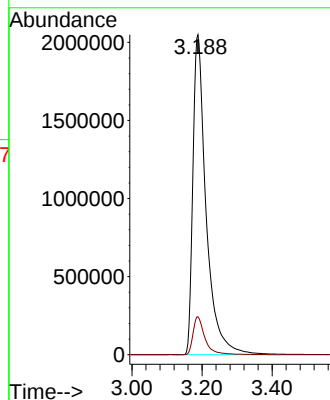
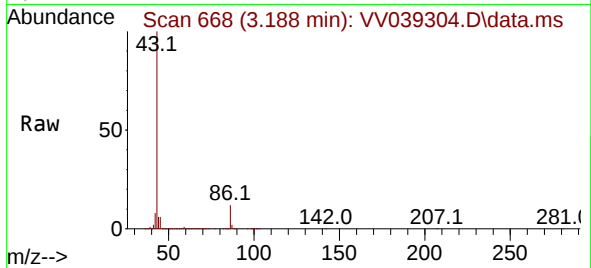




#23
 Vinyl Acetate
 Concen: 210.804 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

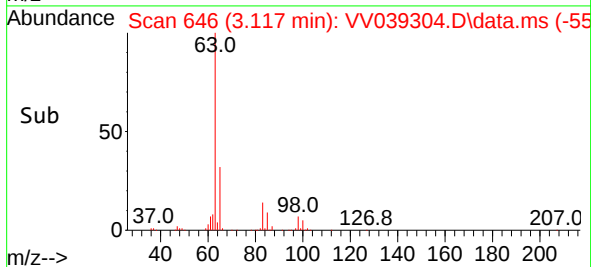
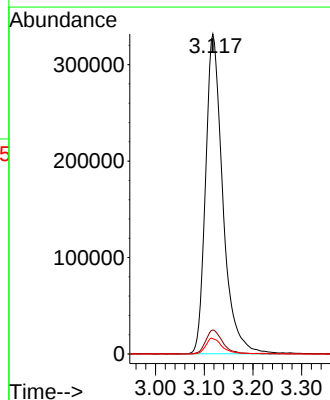
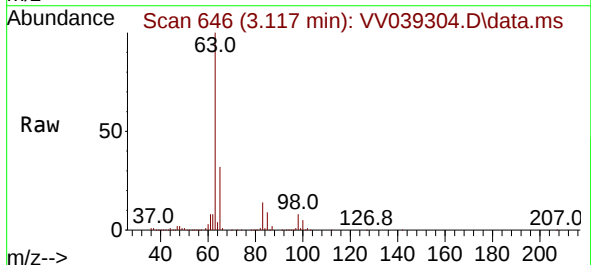
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

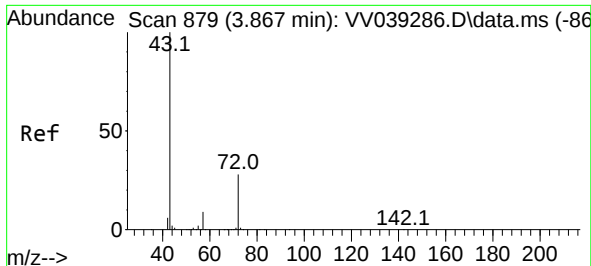
Tgt Ion: 43 Resp: 5402142
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 41.746 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

Tgt Ion: 63 Resp: 816394
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.8 2.3 6.8

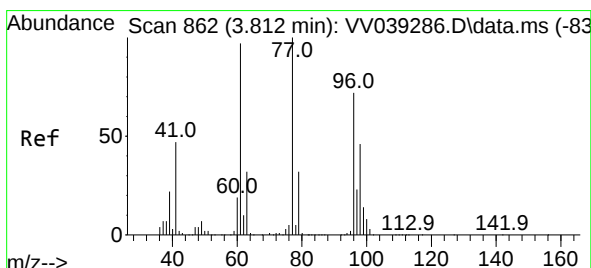
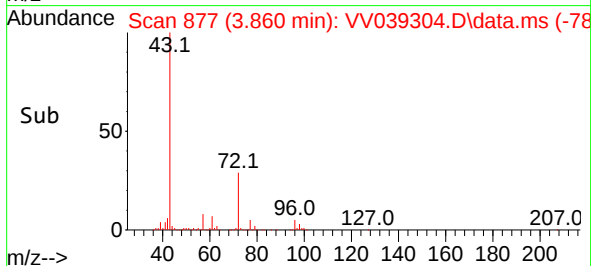
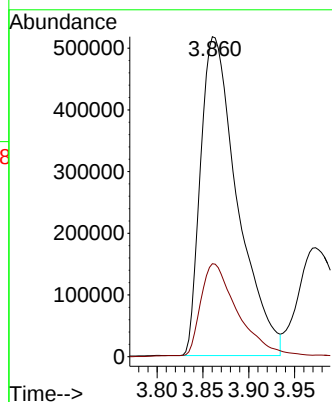
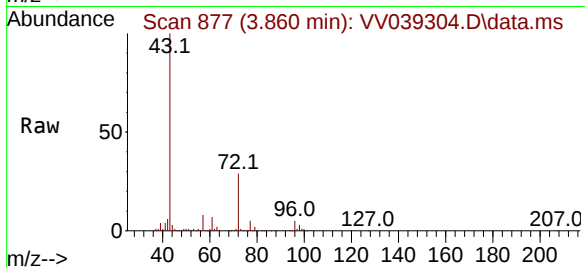




#25
2-Butanone
Concen: 218.801 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

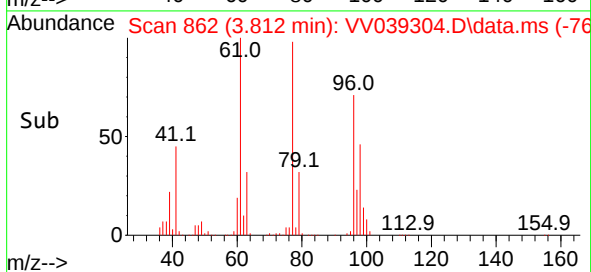
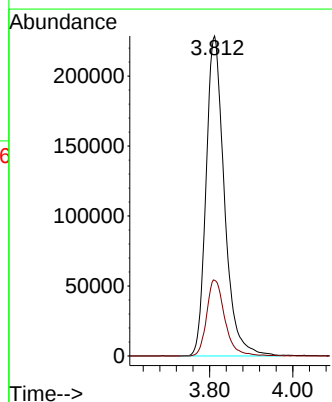
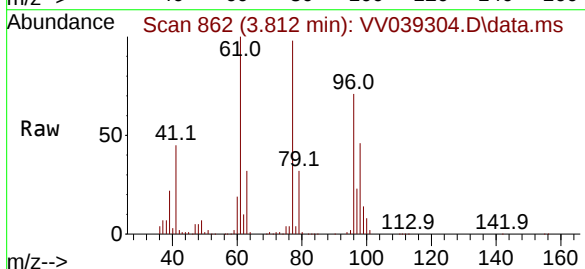
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

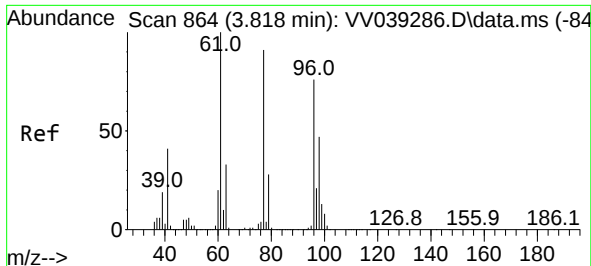
Tgt Ion: 43 Resp: 1446234
Ion Ratio Lower Upper
43 100
72 28.8 22.6 34.0



#26
2,2-Dichloropropane
Concen: 44.356 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 77 Resp: 698660
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8

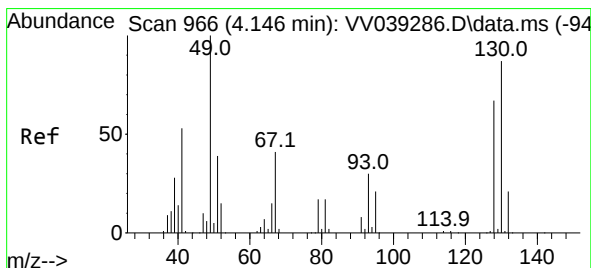
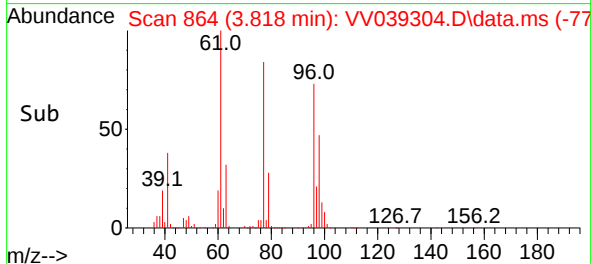
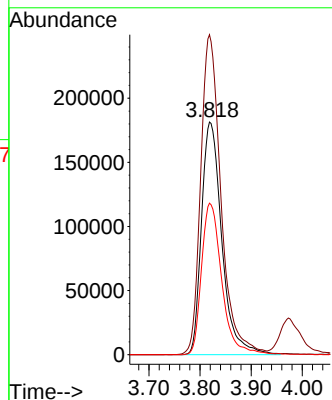
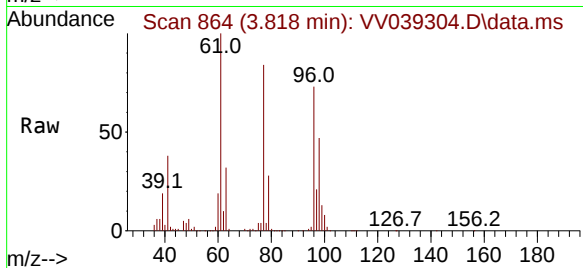




#27
 cis-1,2-Dichloroethene
 Concen: 46.421 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

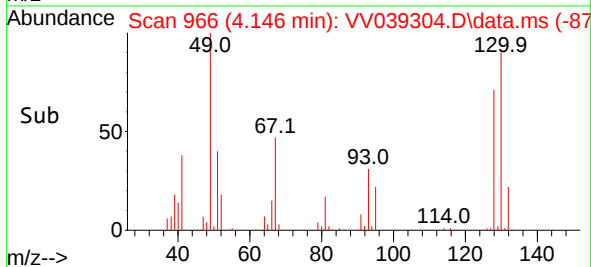
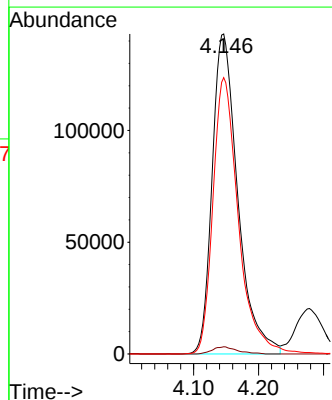
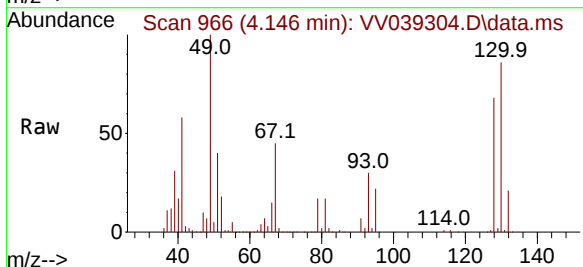
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

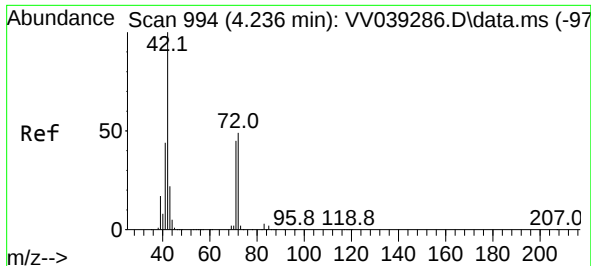
Tgt Ion: 96 Resp: 501913
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 275.0
 98 64.7 0.0 127.8



#28
 Bromochloromethane
 Concen: 46.970 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

Tgt Ion: 49 Resp: 391610
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 86.0 69.5 104.3





#29

Tetrahydrofuran

Concen: 218.635 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

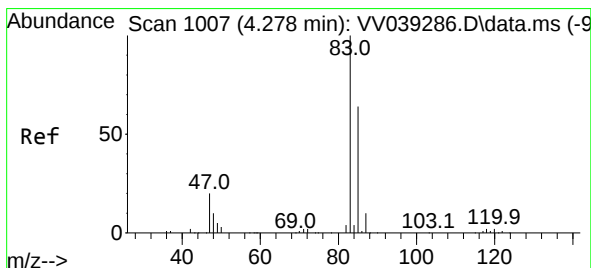
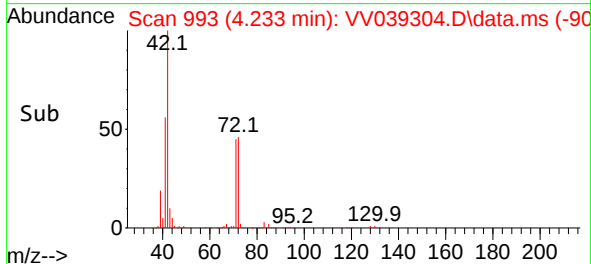
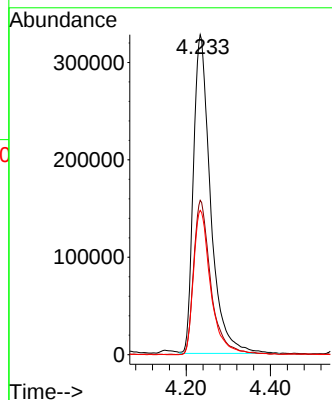
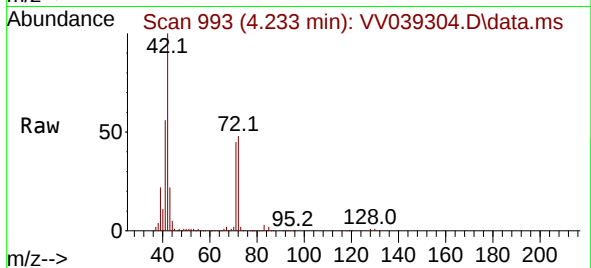
Tgt Ion: 42 Resp: 924002

Ion Ratio Lower Upper

42 100

72 48.0 39.8 59.8

71 45.7 36.5 54.7



#30

Chloroform

Concen: 42.539 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039304.D

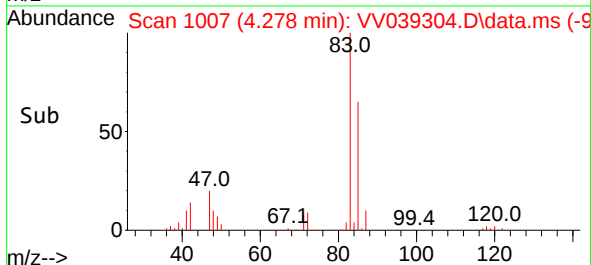
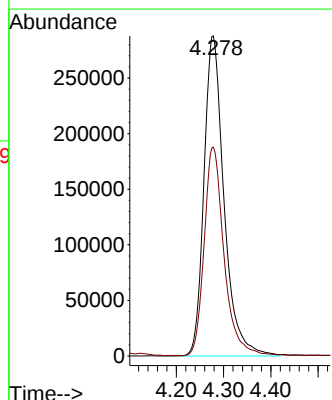
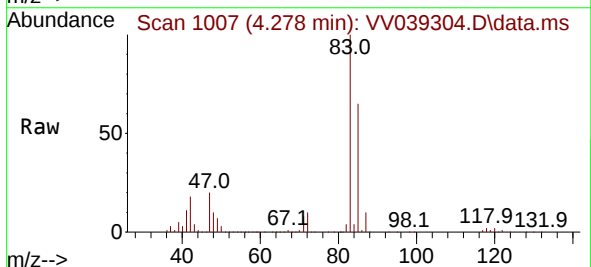
Acq: 21 Oct 2025 15:55

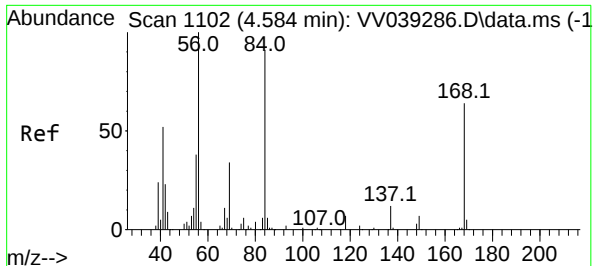
Tgt Ion: 83 Resp: 848357

Ion Ratio Lower Upper

83 100

85 65.1 51.1 76.7

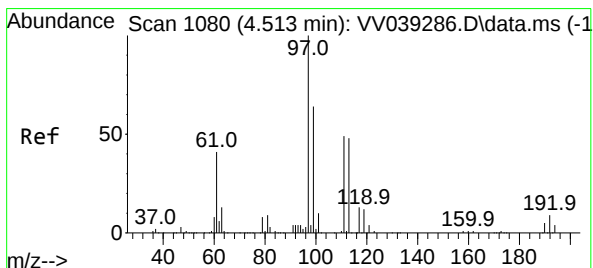
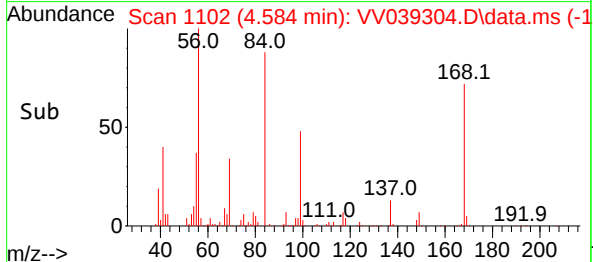
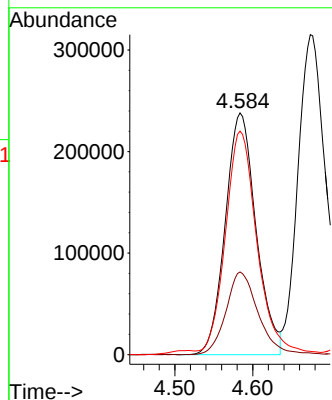
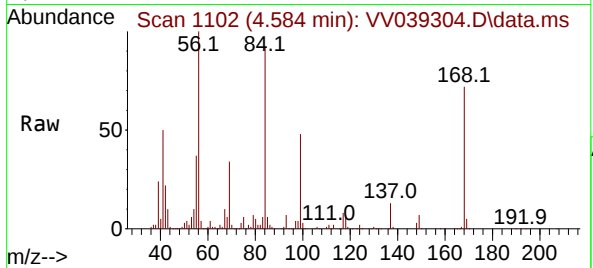




#31
Cyclohexane
Concen: 45.930 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

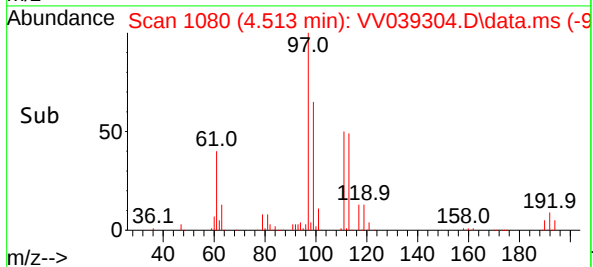
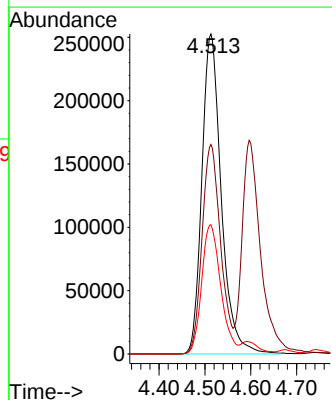
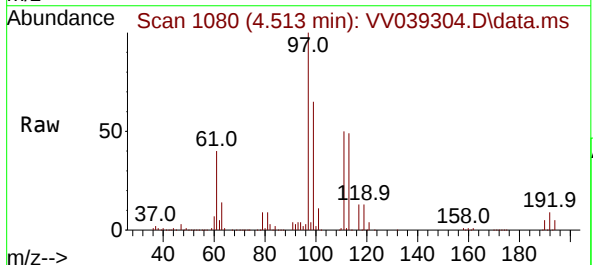
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

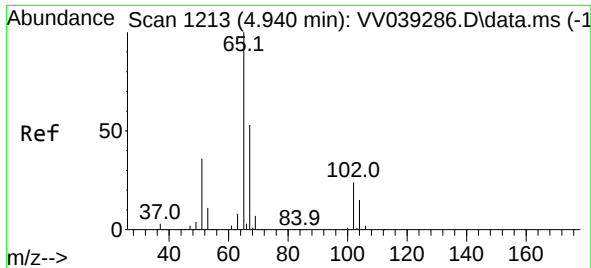
Tgt Ion: 56 Resp: 654215
Ion Ratio Lower Upper
56 100
69 34.2 27.4 41.0
84 90.8 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 42.587 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 97 Resp: 742582
Ion Ratio Lower Upper
97 100
99 62.3 48.6 72.8
61 39.8 31.8 47.8

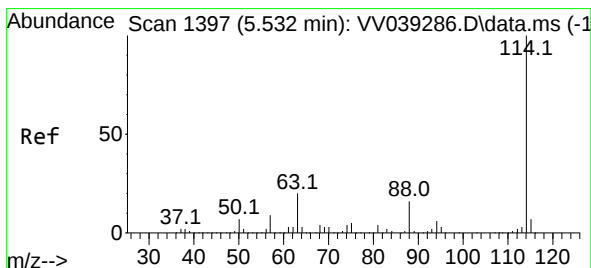
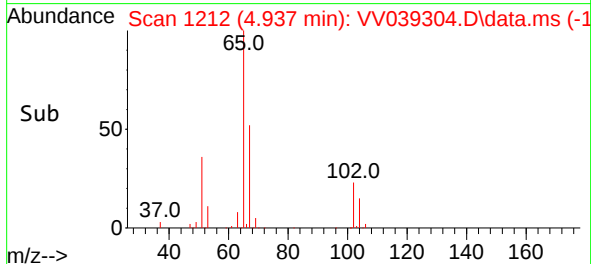
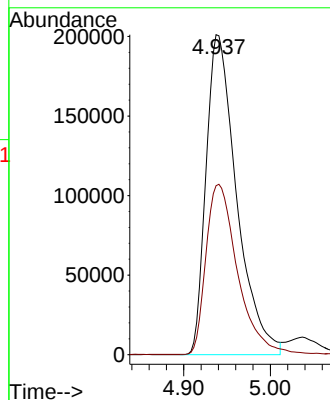
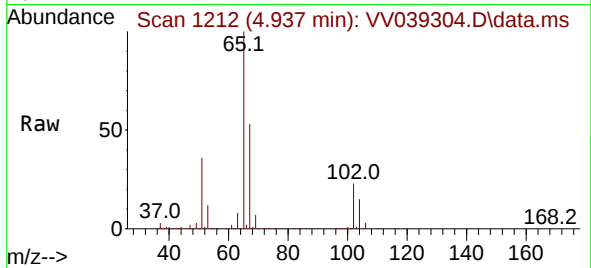




#33
 1,2-Dichloroethane-d4
 Concen: 45.623 ug/l
 RT: 4.937 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

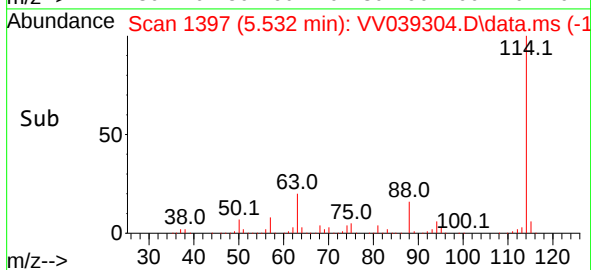
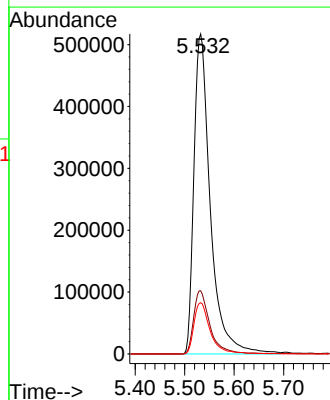
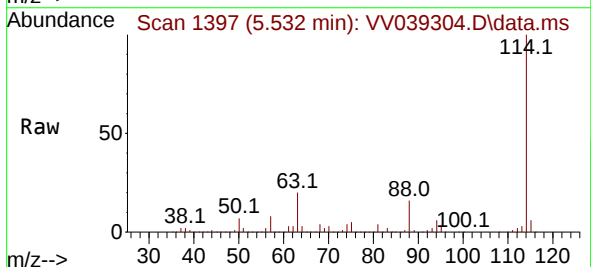
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

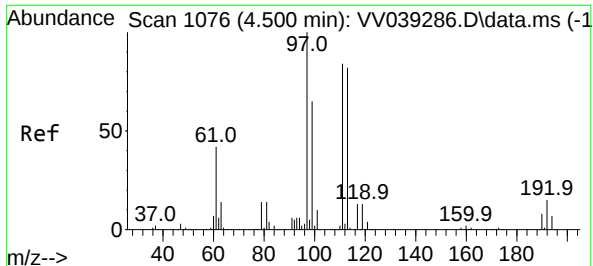
Tgt Ion: 65 Resp: 493102
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

Tgt Ion: 114 Resp: 1195945
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.0 0.0 31.6

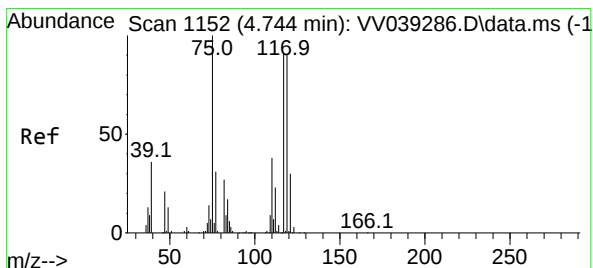
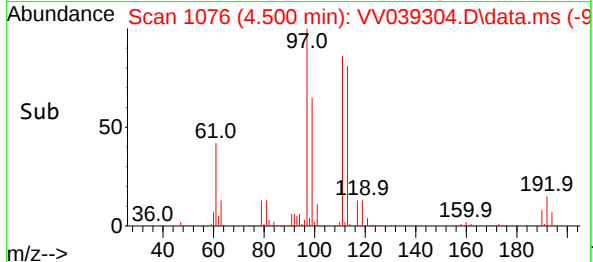
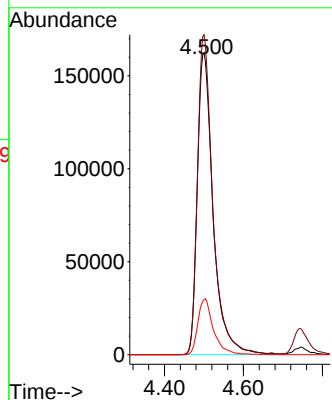
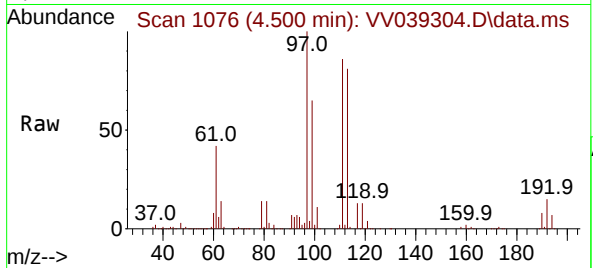




#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

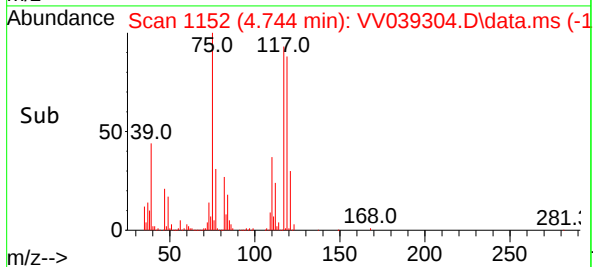
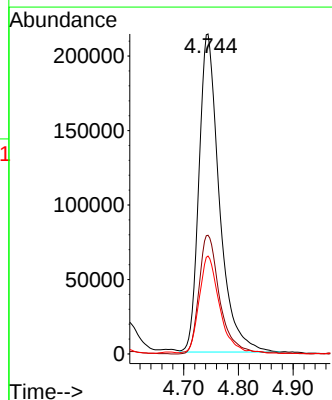
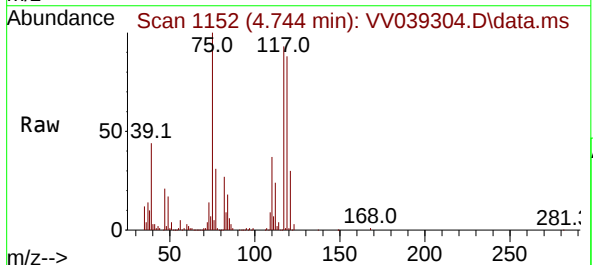
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

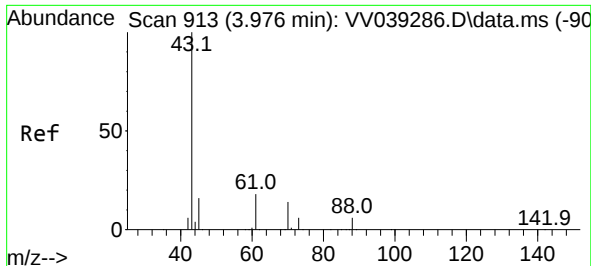
Tgt Ion:113 Resp: 452769
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 46.792 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 75 Resp: 553803
Ion Ratio Lower Upper
75 100
110 38.1 18.9 56.7
77 29.7 24.1 36.1

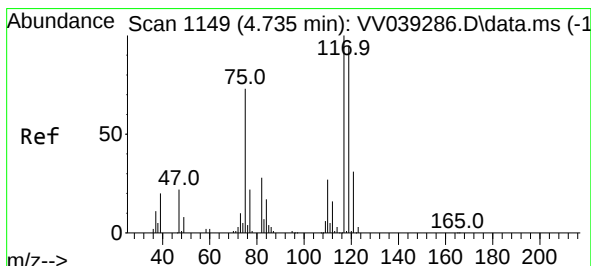
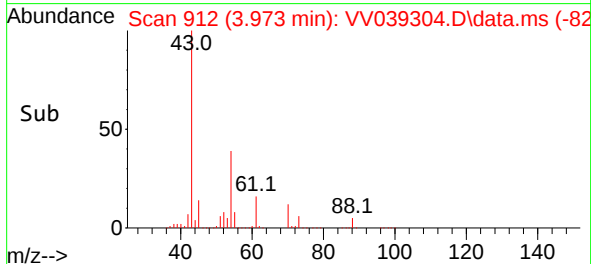
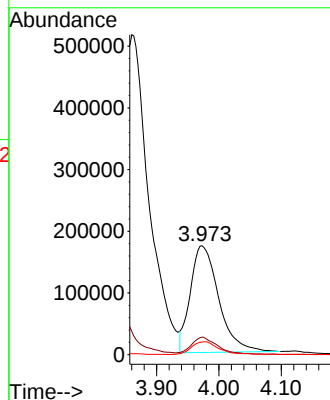
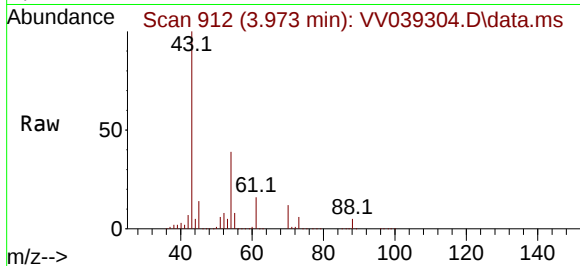




#37
Ethyl Acetate
Concen: 39.547 ug/l
RT: 3.973 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

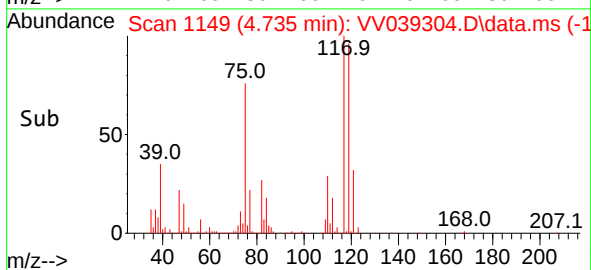
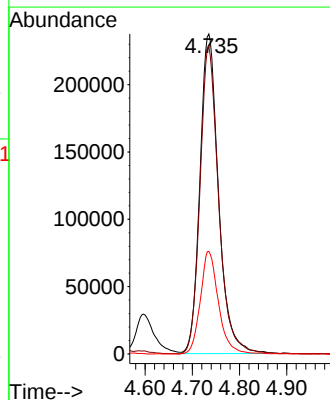
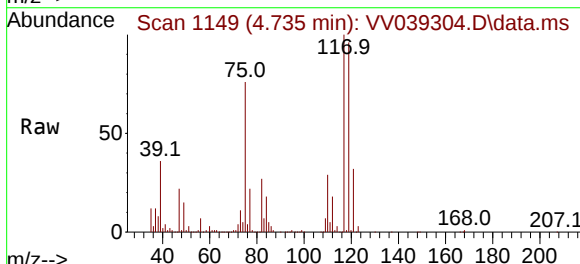
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

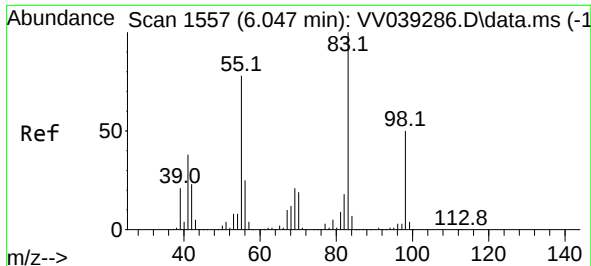
Tgt Ion: 43 Resp: 547959
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 45.125 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 117 Resp: 650671
Ion Ratio Lower Upper
117 100
119 96.1 75.9 113.9
121 32.1 24.6 37.0

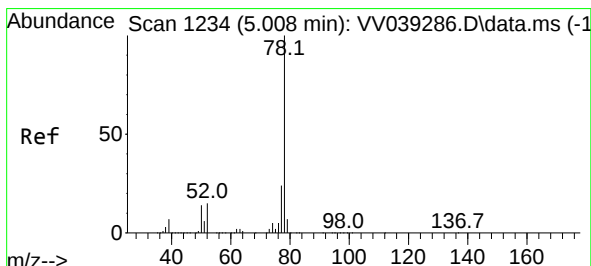
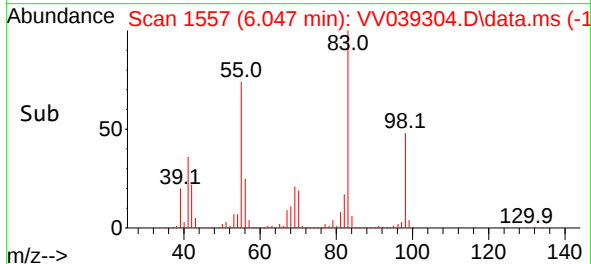
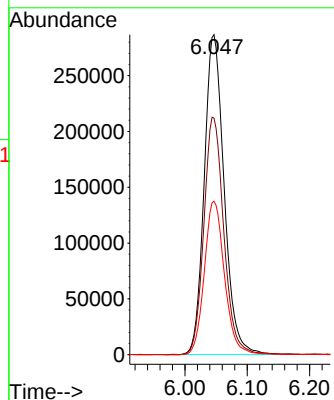
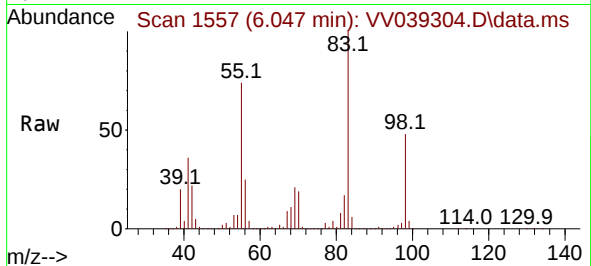




#39
Methylcyclohexane
Concen: 47.080 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

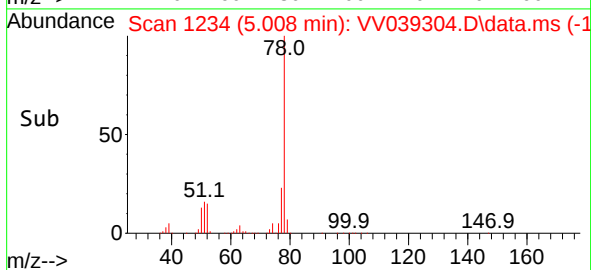
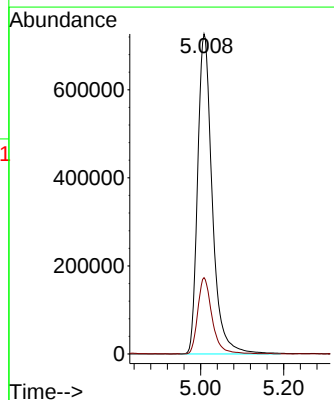
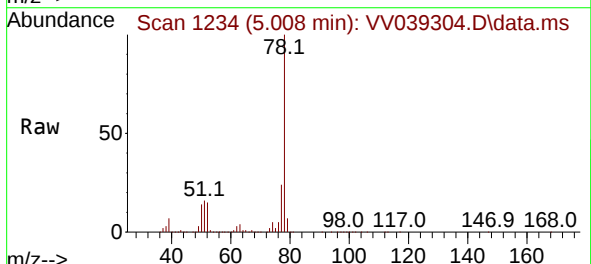
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

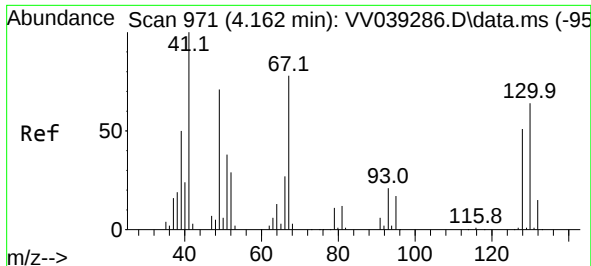
Tgt Ion: 83 Resp: 636837
Ion Ratio Lower Upper
83 100
55 74.0 62.1 93.1
98 48.0 40.2 60.4



#40
Benzene
Concen: 46.631 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 78 Resp: 1770951
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

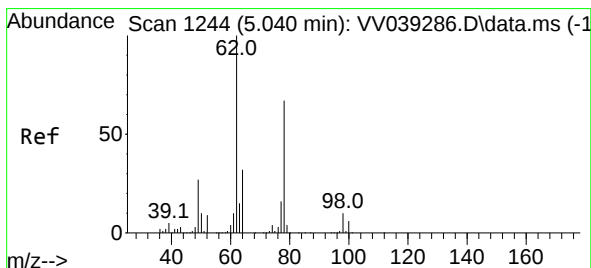
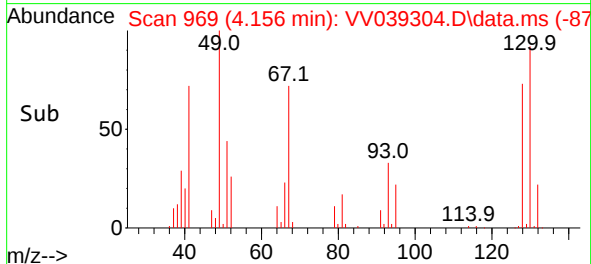
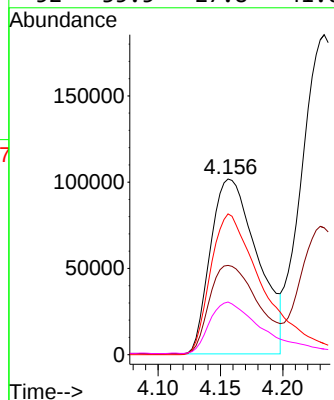
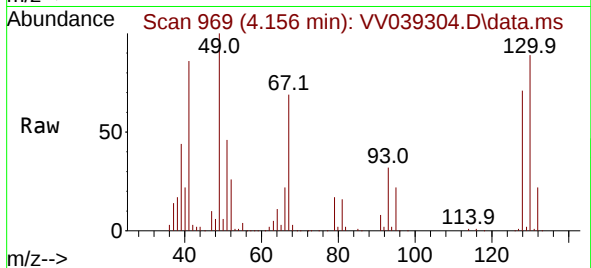




#41
Methacrylonitrile
Concen: 45.258 ug/l
RT: 4.156 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

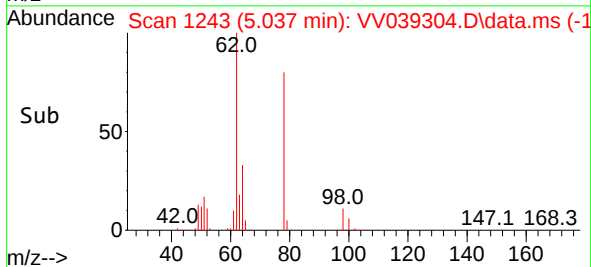
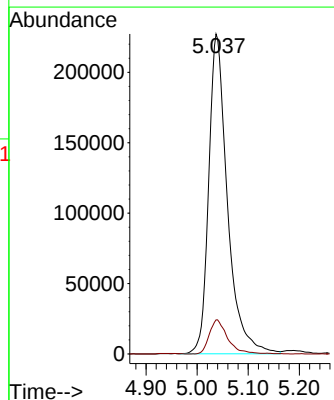
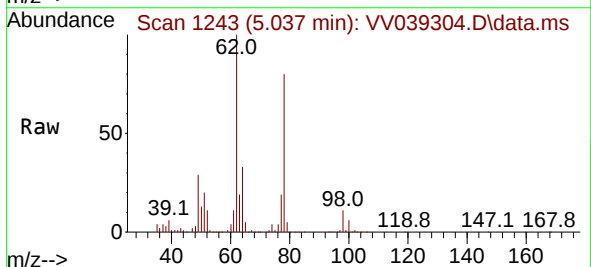
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

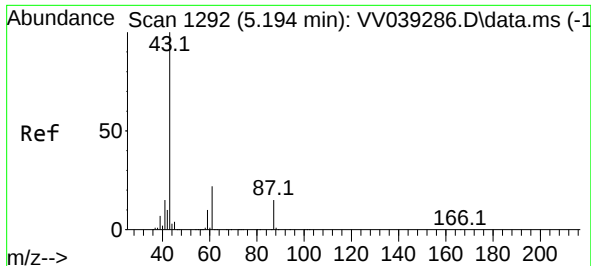
Tgt Ion: 41 Resp: 267224
Ion Ratio Lower Upper
41 100
39 52.5 40.9 61.3
67 93.4 73.1 109.7
52 35.5 27.8 41.6



#42
1,2-Dichloroethane
Concen: 43.411 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 62 Resp: 578619
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0

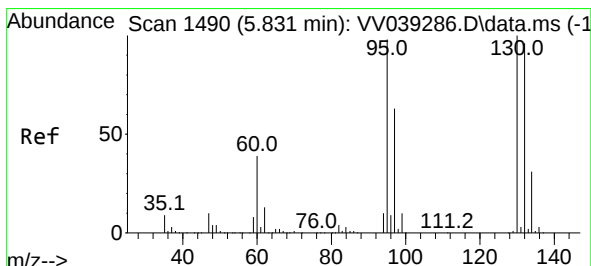
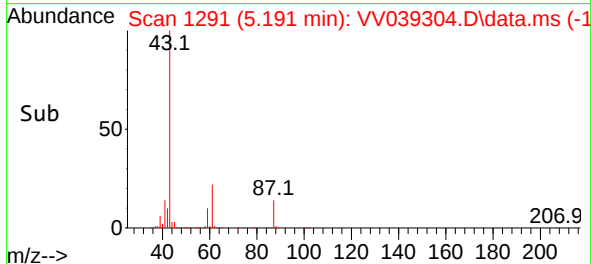
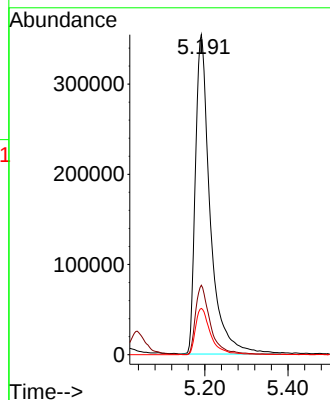
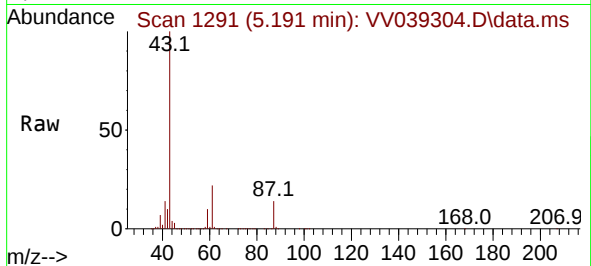




#43
Isopropyl Acetate
Concen: 48.162 ug/l
RT: 5.191 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

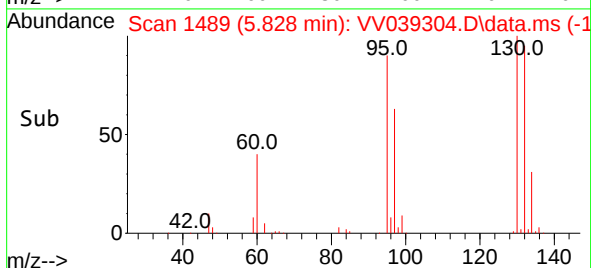
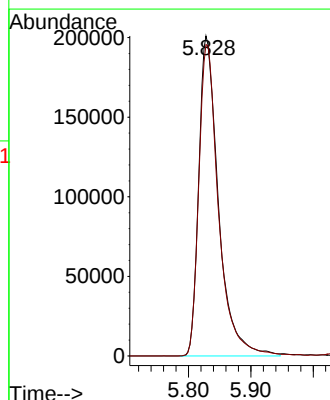
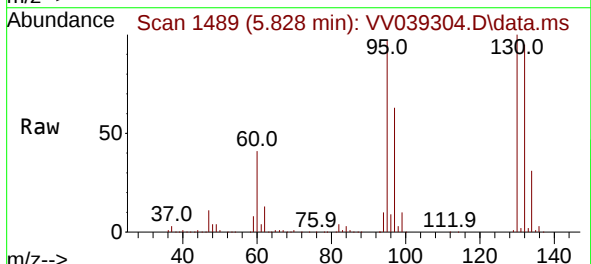
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

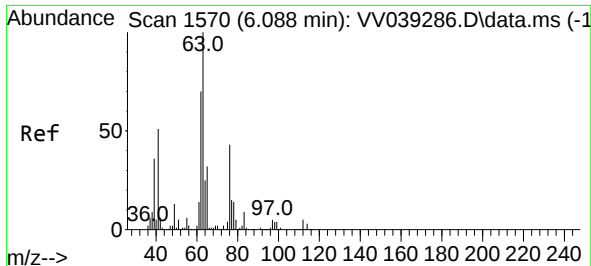
Tgt Ion: 43 Resp: 873665
Ion Ratio Lower Upper
43 100
61 21.5 17.1 25.7
87 14.8 11.5 17.3



#44
Trichloroethene
Concen: 46.226 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion:130 Resp: 441477
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 47.734 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

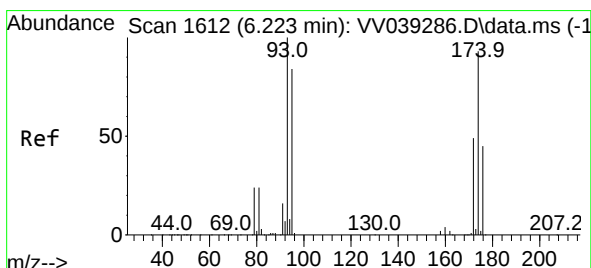
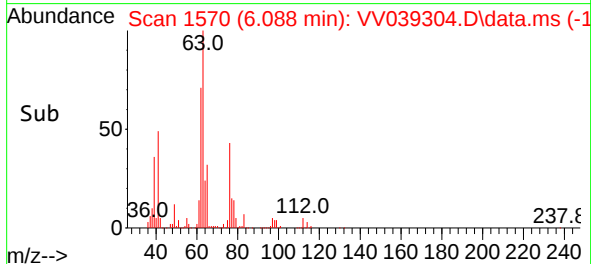
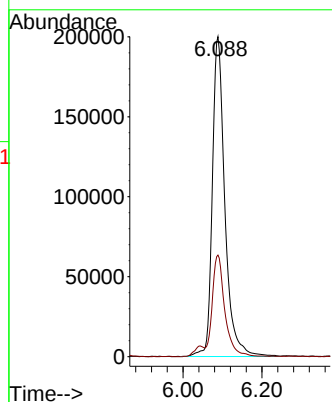
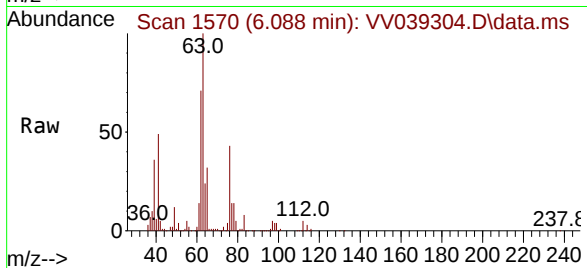
VSTDCCC050EC

Tgt Ion: 63 Resp: 441138

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 43.133 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

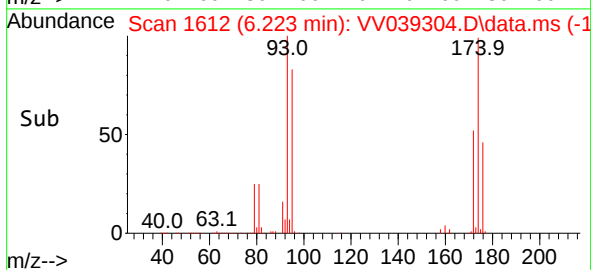
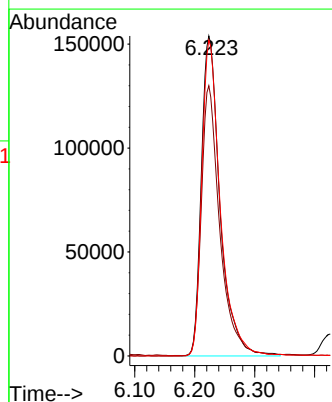
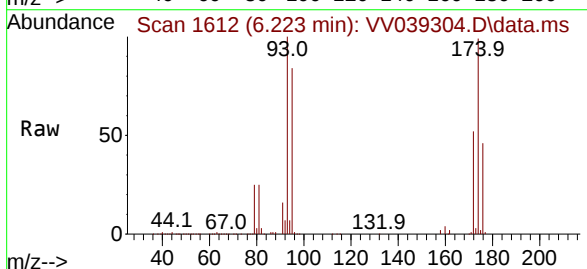
Tgt Ion: 93 Resp: 333178

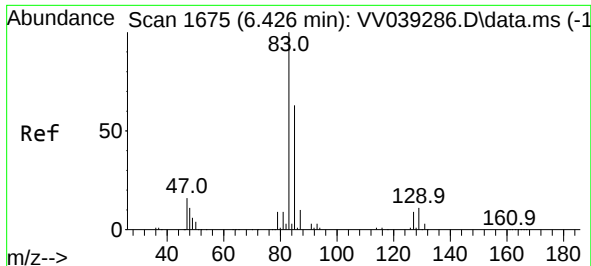
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 98.2 74.6 112.0

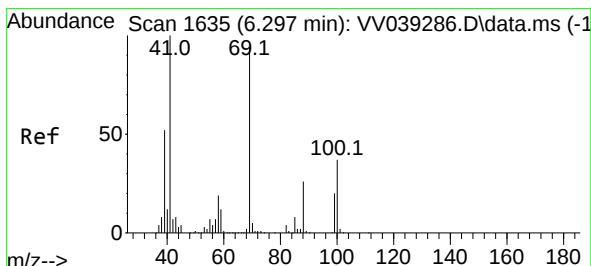
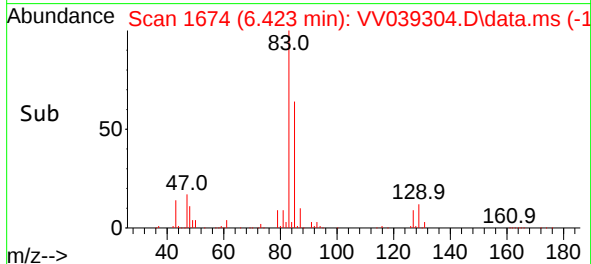
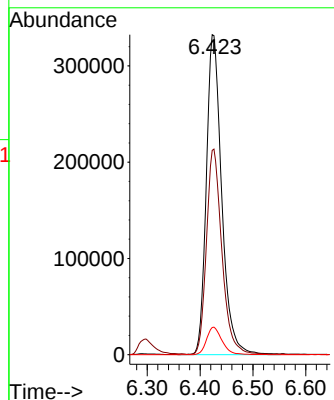
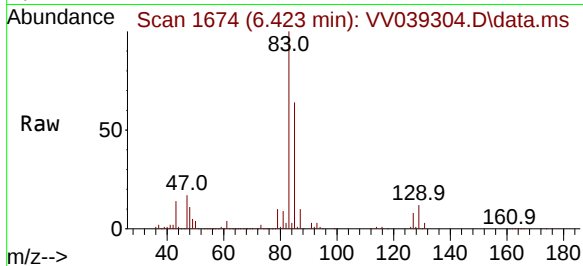




#47
Bromodichloromethane
Concen: 44.169 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

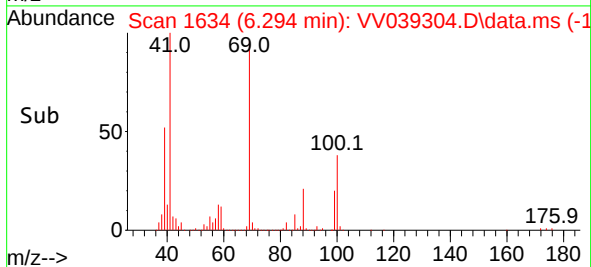
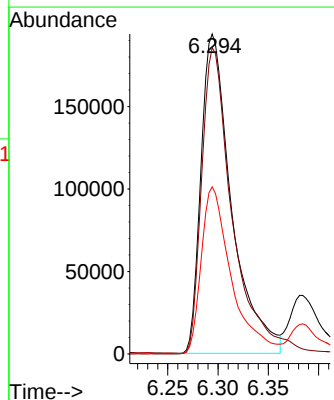
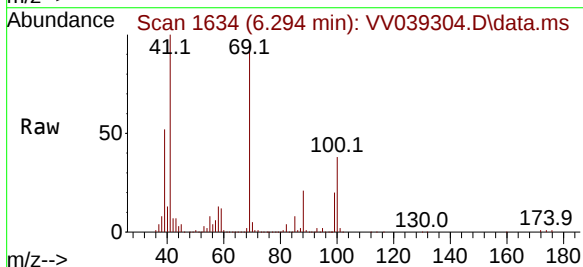
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

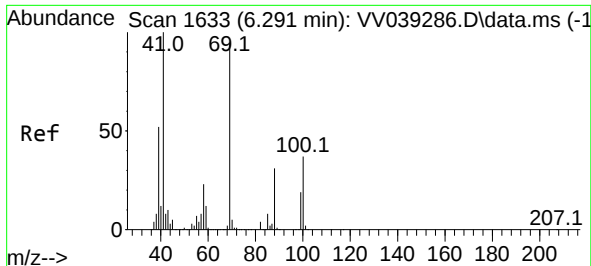
Tgt Ion: 83 Resp: 672252
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 48.796 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 41 Resp: 410080
Ion Ratio Lower Upper
41 100
69 97.6 77.2 115.8
39 51.0 41.4 62.0





#49

1,4-Dioxane

Concen: 690.109 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

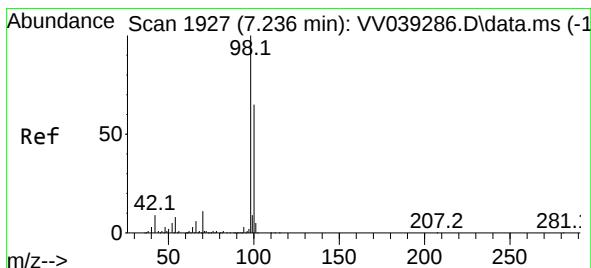
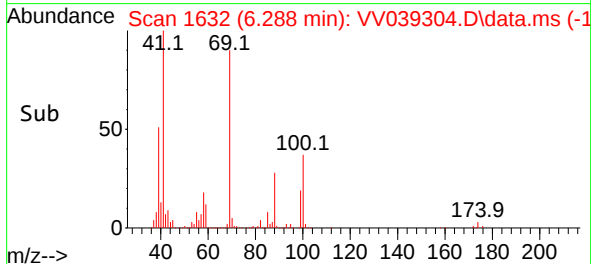
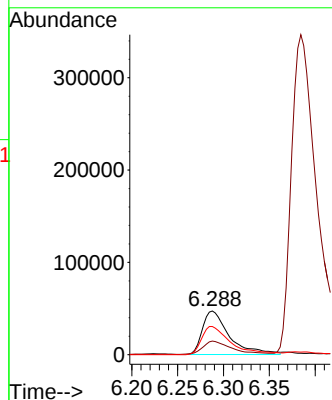
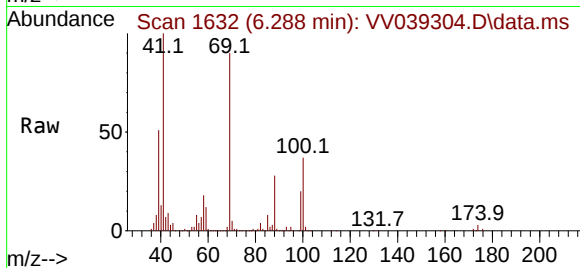
Tgt Ion: 88 Resp: 96478

Ion Ratio Lower Upper

88 100

43 32.8 24.1 36.1

58 69.7 57.6 86.4



#50

Toluene-d8

Concen: 48.355 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039304.D

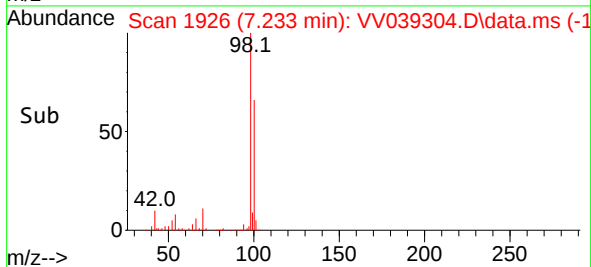
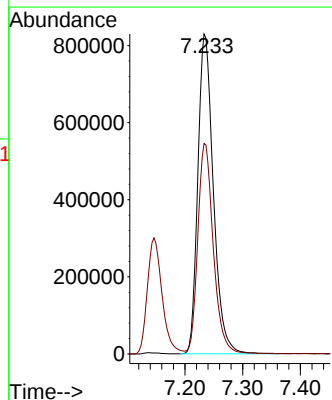
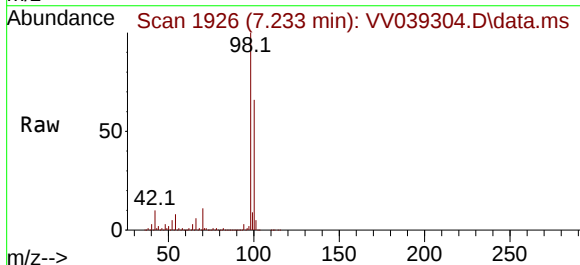
Acq: 21 Oct 2025 15:55

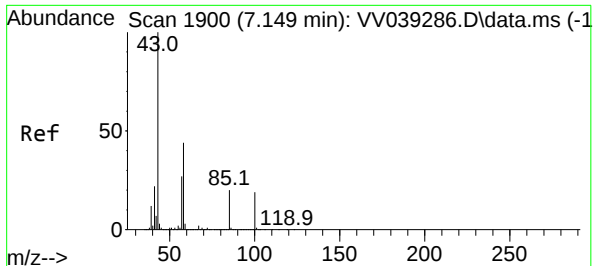
Tgt Ion: 98 Resp: 1550143

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 234.712 ug/l

RT: 7.146 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

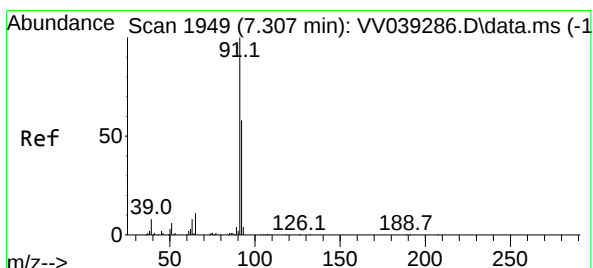
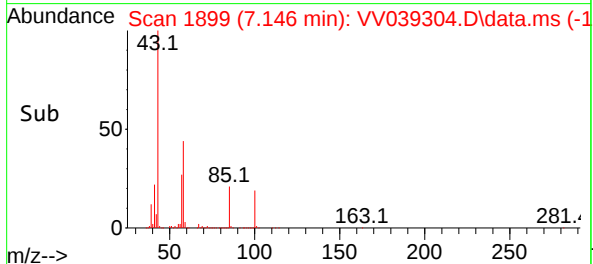
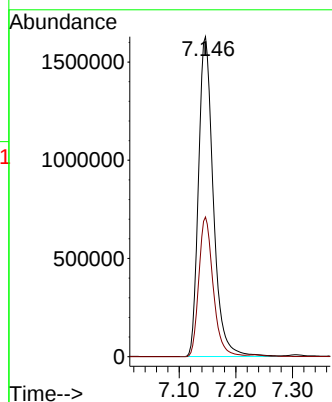
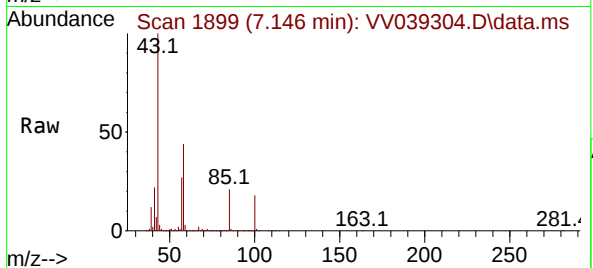
VSTDCCC050EC

Tgt Ion: 43 Resp: 2953922

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.4



#52

Toluene

Concen: 49.534 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV039304.D

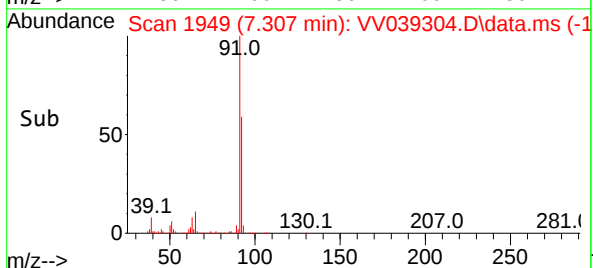
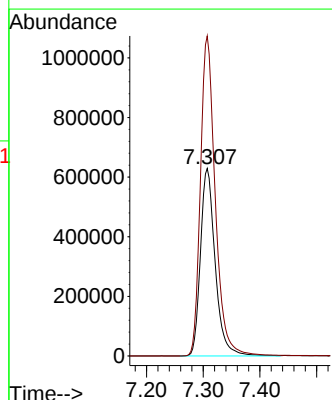
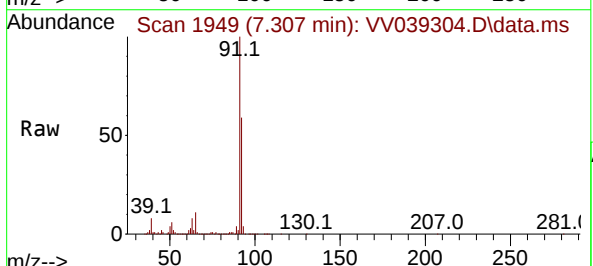
Acq: 21 Oct 2025 15:55

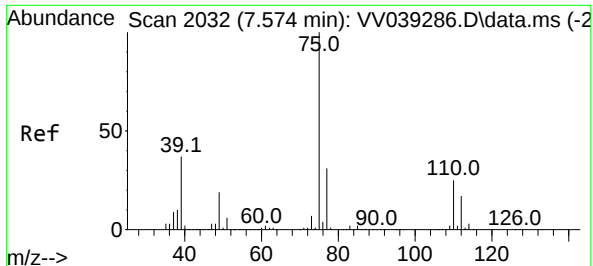
Tgt Ion: 92 Resp: 1135879

Ion Ratio Lower Upper

92 100

91 172.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 49.782 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

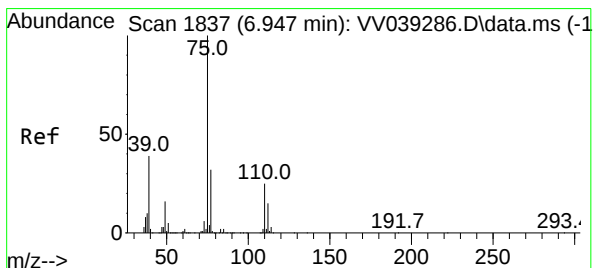
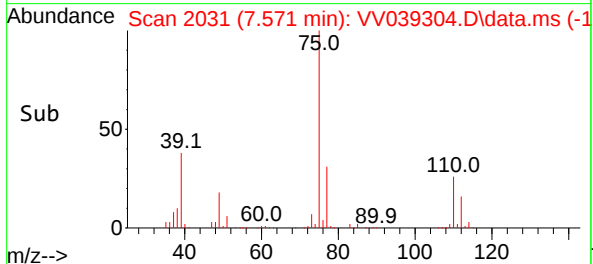
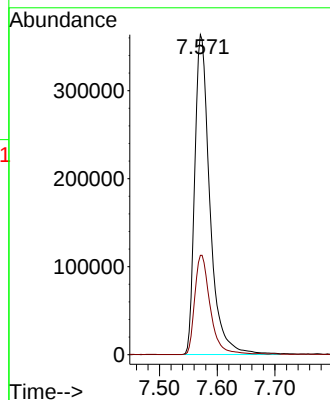
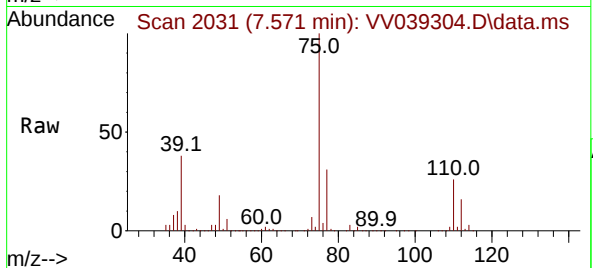
VSTDCCC050EC

Tgt Ion: 75 Resp: 662182

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.026 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

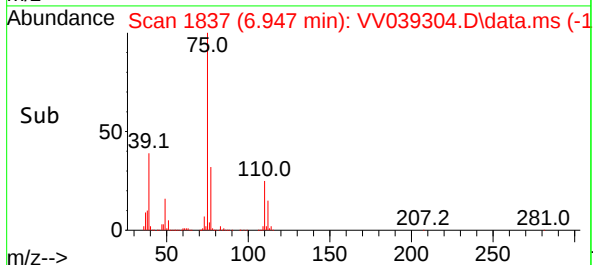
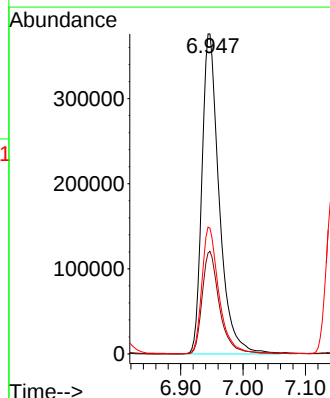
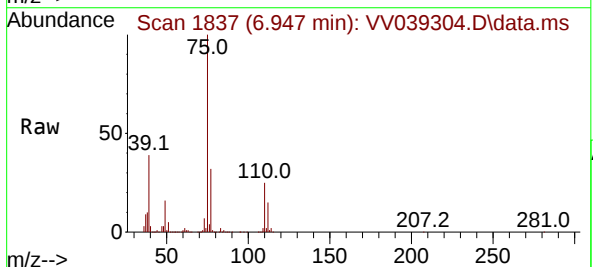
Tgt Ion: 75 Resp: 725015

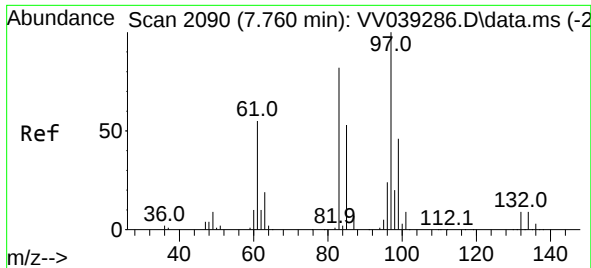
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 39.2 31.0 46.6

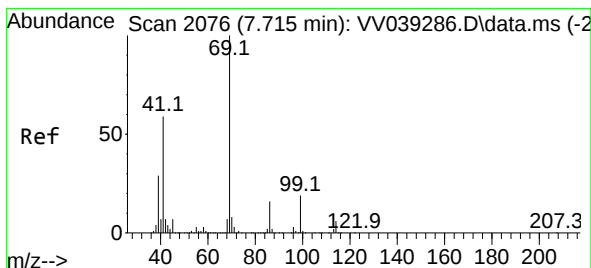
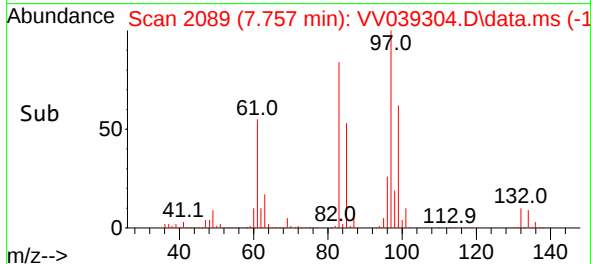
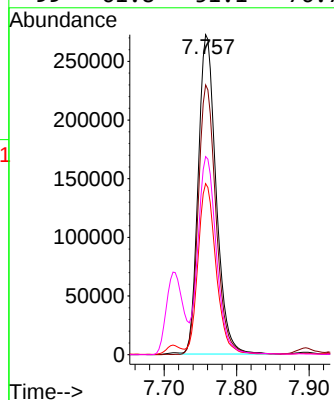
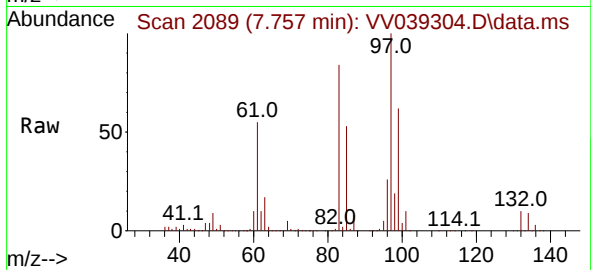




#55
 1,1,2-Trichloroethane
 Concen: 44.950 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

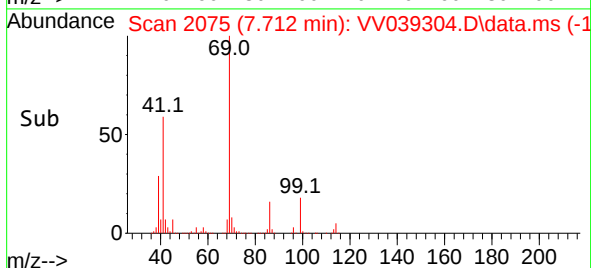
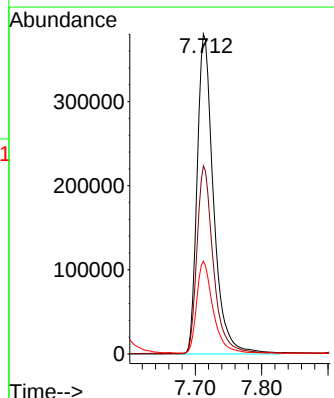
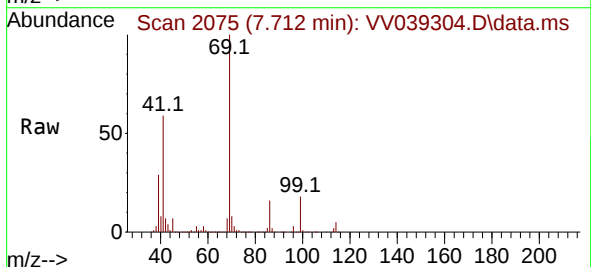
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

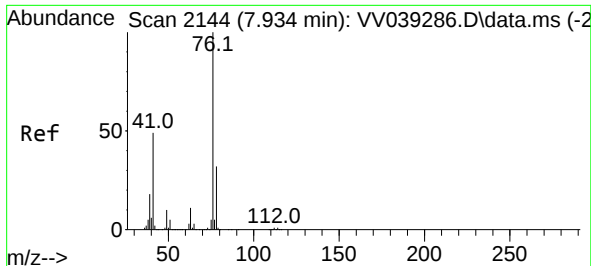
Tgt Ion:	97	Resp:	465430
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.8
85	53.4	43.3	64.9
99	61.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 55.632 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV039304.D
 Acq: 21 Oct 2025 15:55

Tgt Ion:	69	Resp:	652615
Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.1	70.7
39	28.6	23.2	34.8





#57

1,3-Dichloropropane

Concen: 47.123 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

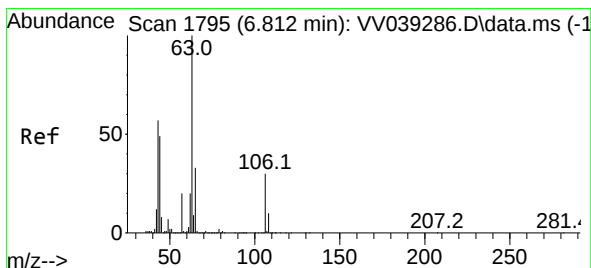
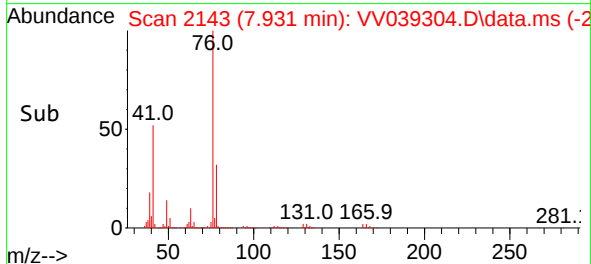
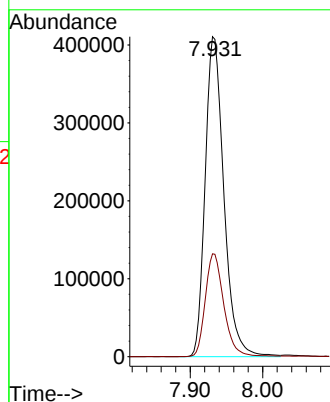
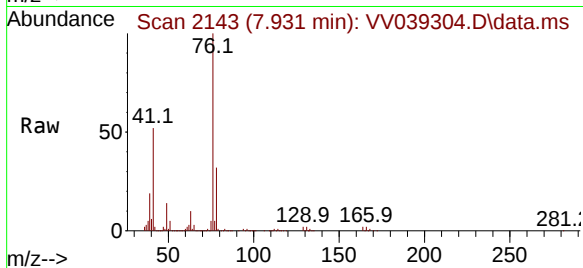
VSTDCCC050EC

Tgt Ion: 76 Resp: 736305

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.329 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV039304.D

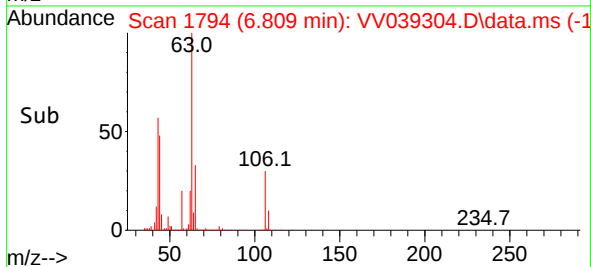
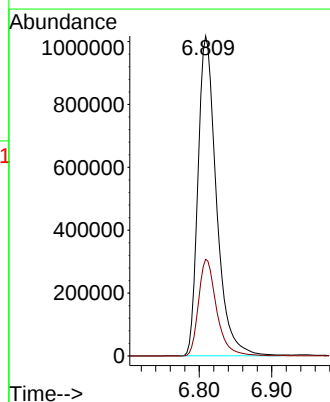
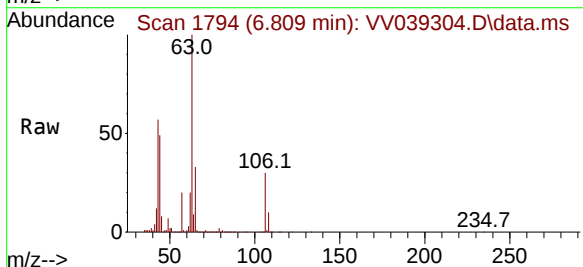
Acq: 21 Oct 2025 15:55

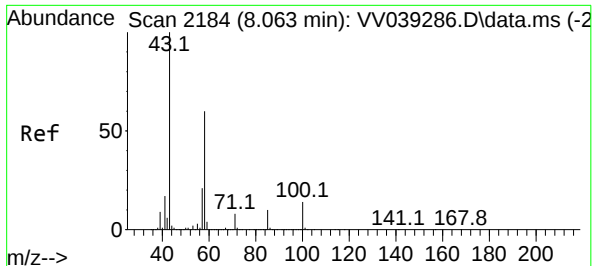
Tgt Ion: 63 Resp: 1791788

Ion Ratio Lower Upper

63 100

106 29.8 23.5 35.3

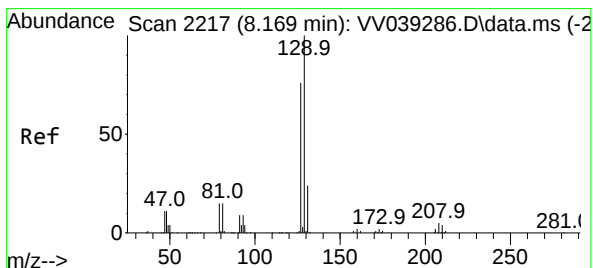
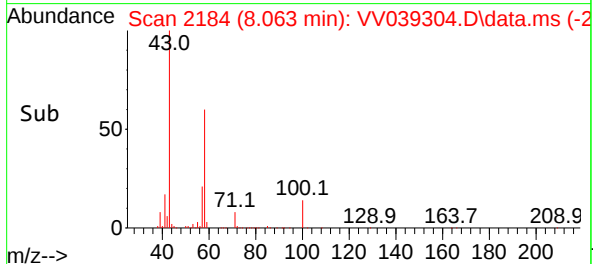
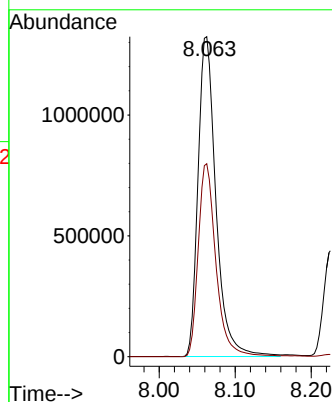
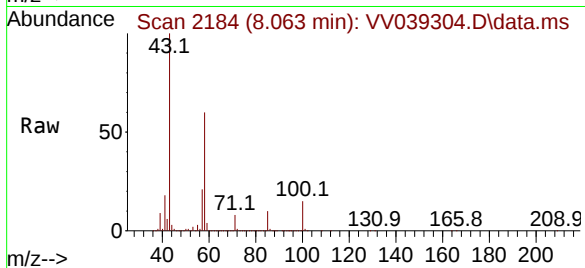




#59
2-Hexanone
Concen: 234.915 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

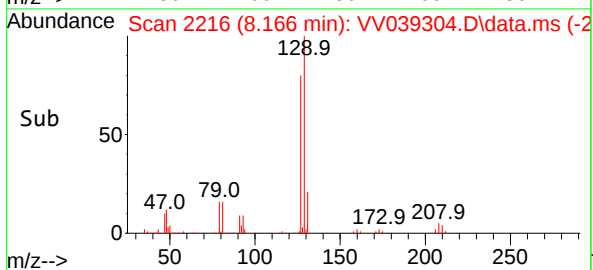
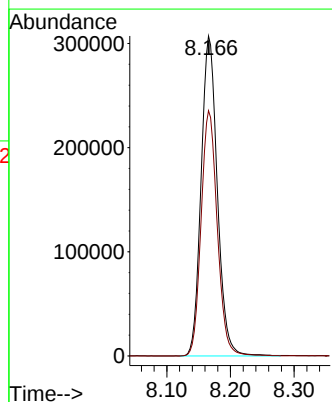
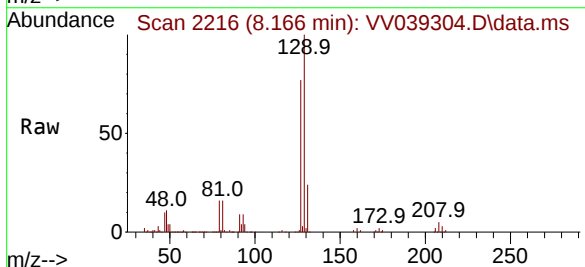
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

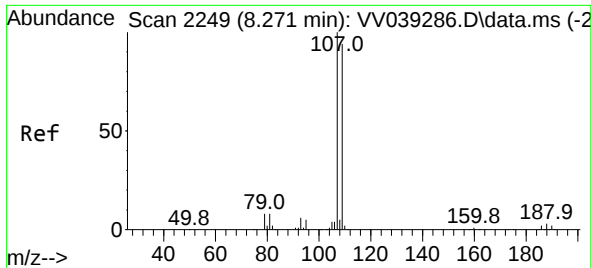
Tgt Ion: 43 Resp: 2170485
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.9



#60
Dibromochloromethane
Concen: 44.982 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 129 Resp: 544581
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1

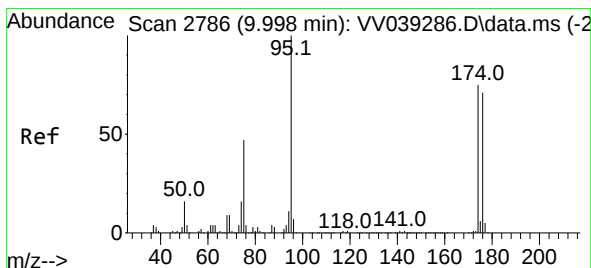
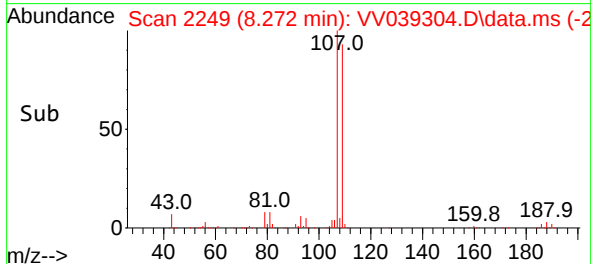
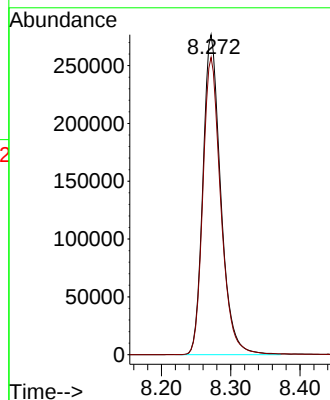
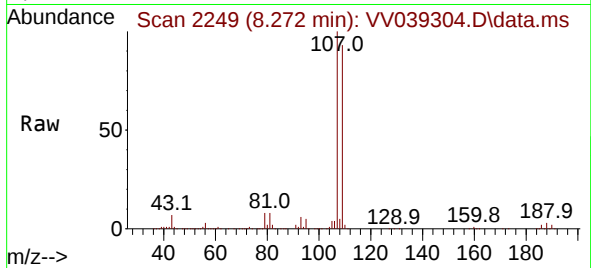




#61
1,2-Dibromoethane
Concen: 45.747 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

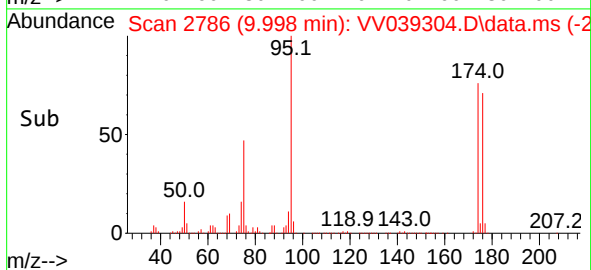
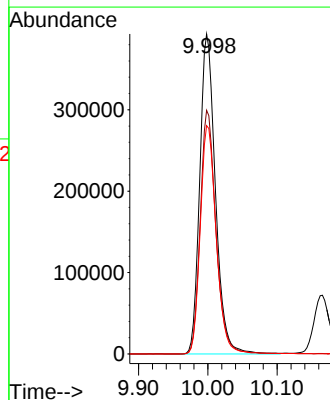
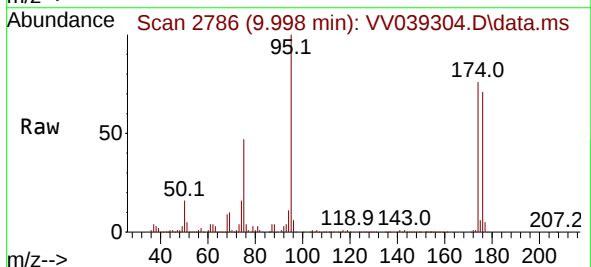
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

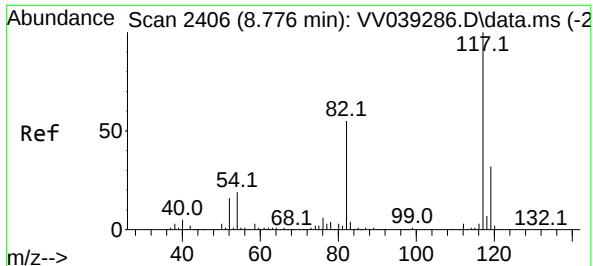
Tgt Ion:107 Resp: 493224
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 95 Resp: 619155
Ion Ratio Lower Upper
95 100
174 76.2 0.0 153.6
176 72.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

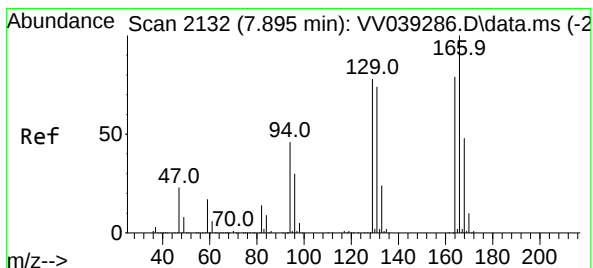
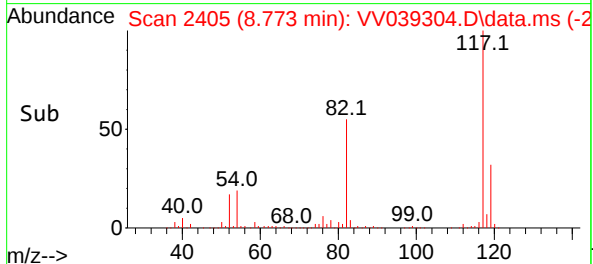
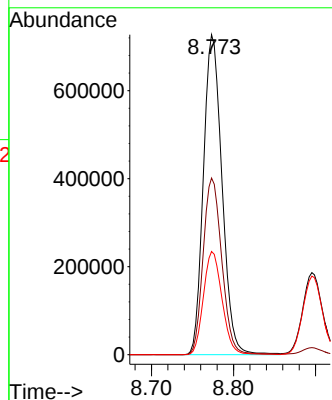
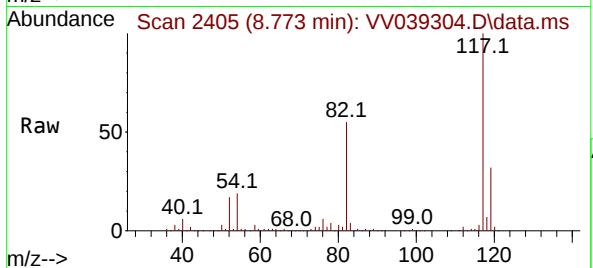
Tgt Ion:117 Resp: 1147018

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 32.3 25.8 38.6



#64

Tetrachloroethene

Concen: 46.019 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Tgt Ion:164 Resp: 385040

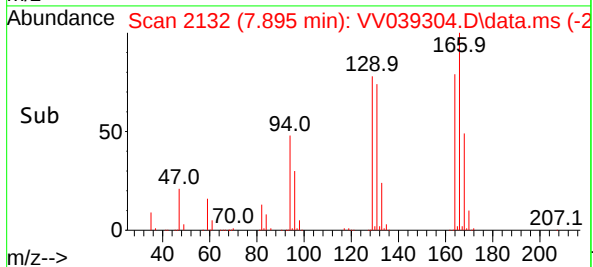
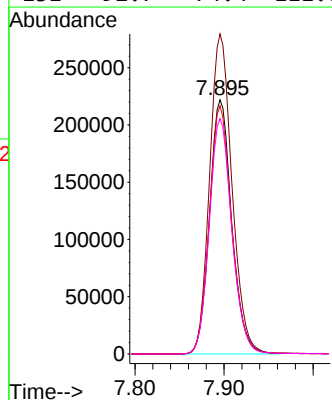
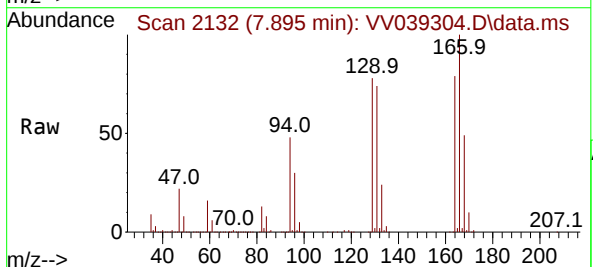
Ion Ratio Lower Upper

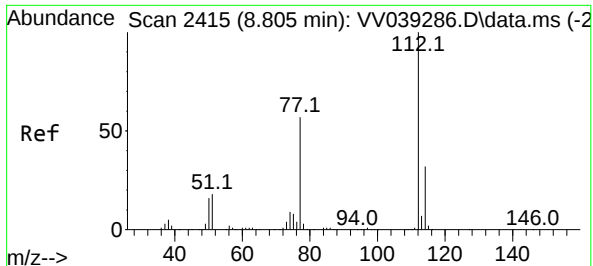
164 100

166 126.0 101.0 151.6

129 97.7 79.0 118.6

131 92.7 74.4 111.6

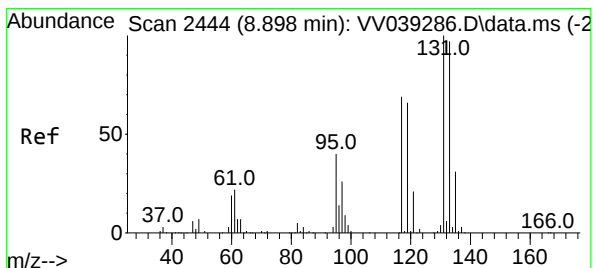
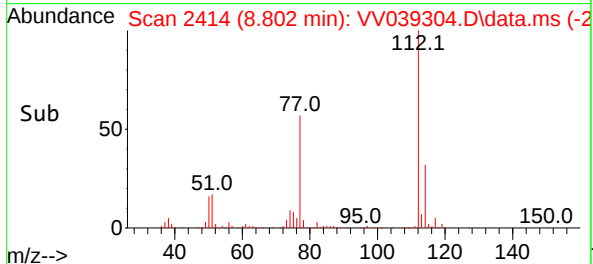
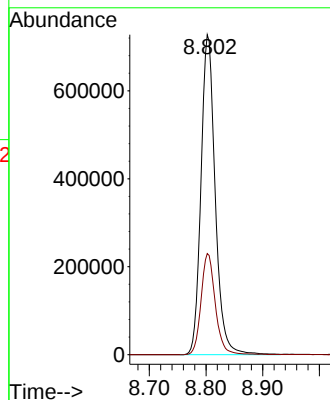
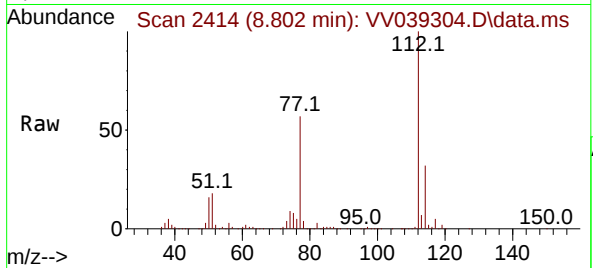




#65
Chlorobenzene
Concen: 46.749 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

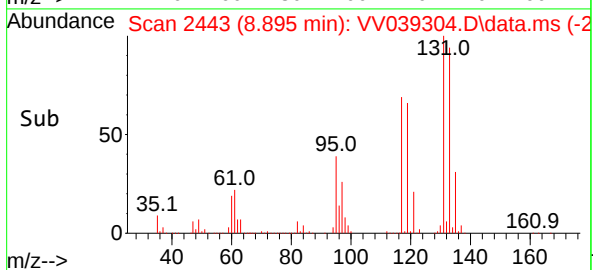
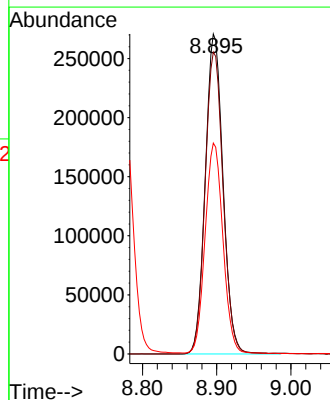
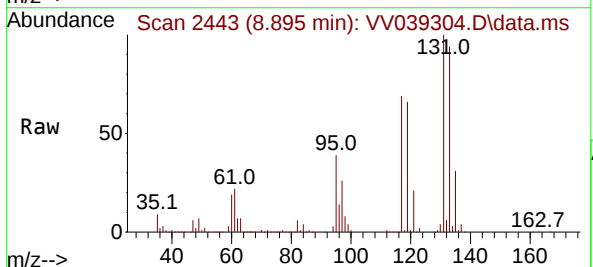
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

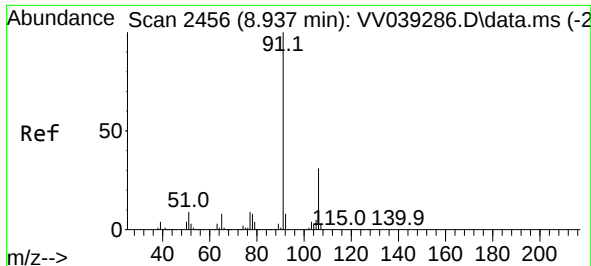
Tgt Ion:112 Resp: 1269400
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 44.216 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion:131 Resp: 449714
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 65.5 32.7 98.1





#67

Ethyl Benzene

Concen: 52.262 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

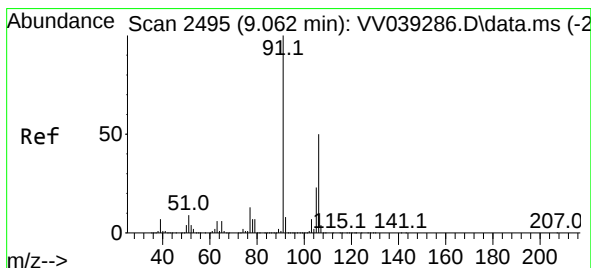
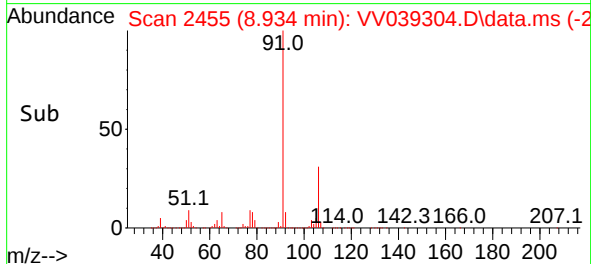
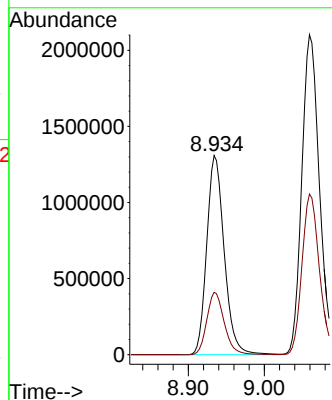
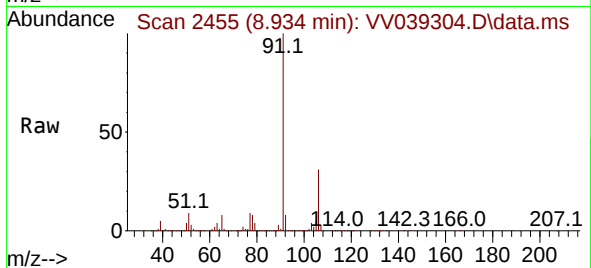
VSTDCCC050EC

Tgt Ion: 91 Resp: 2090364

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 107.204 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV039304.D

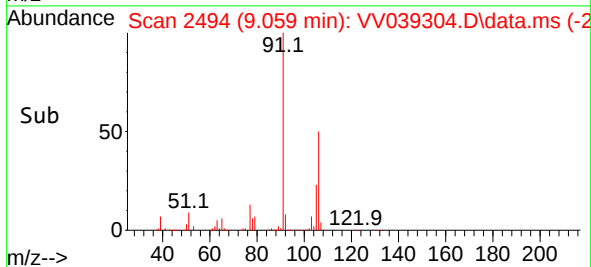
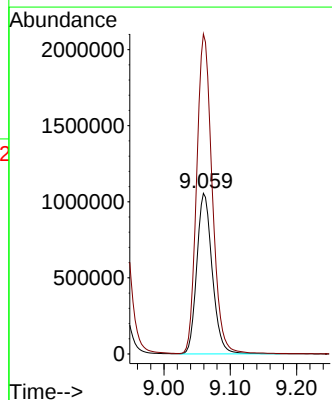
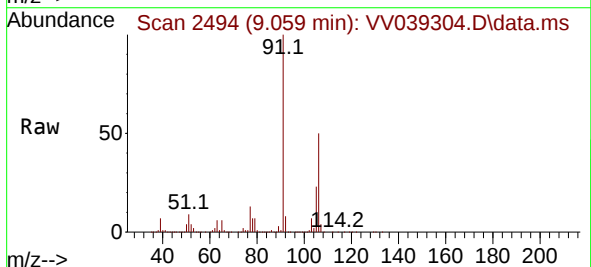
Acq: 21 Oct 2025 15:55

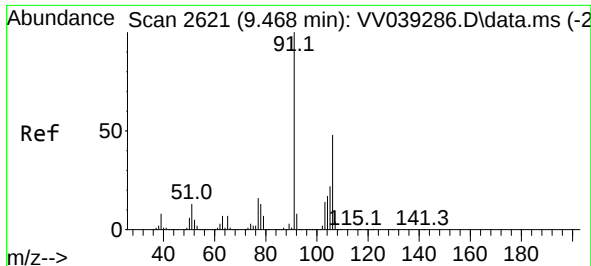
Tgt Ion:106 Resp: 1700680

Ion Ratio Lower Upper

106 100

91 200.9 160.2 240.2

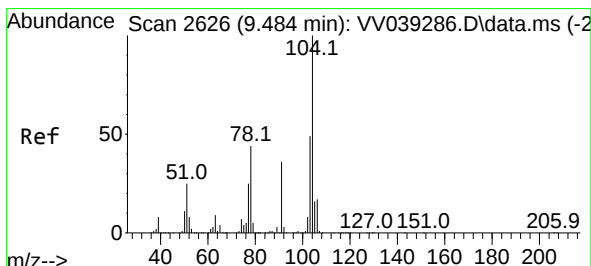
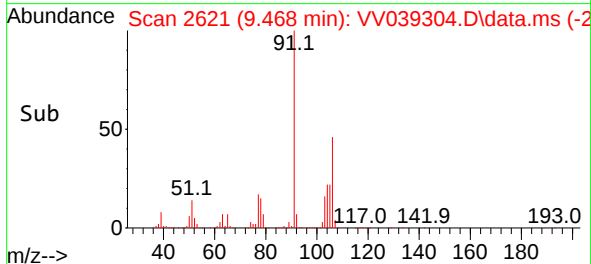
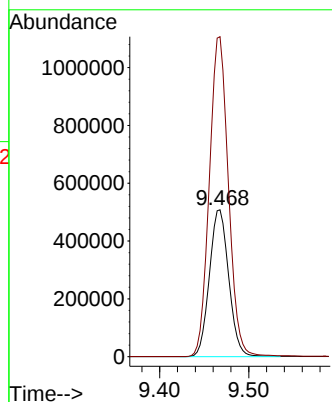
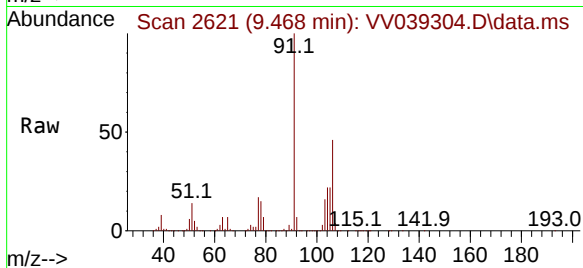




#69
o-Xylene
Concen: 54.509 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

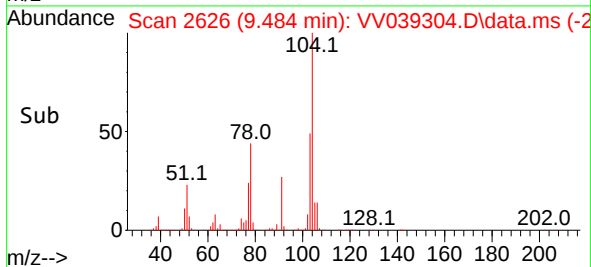
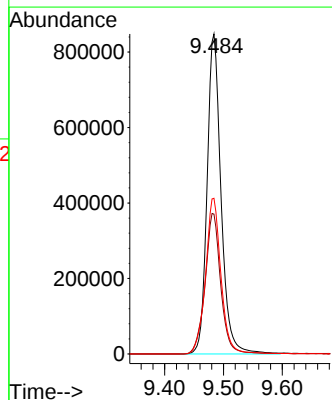
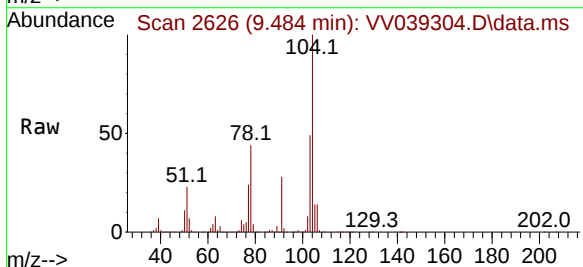
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

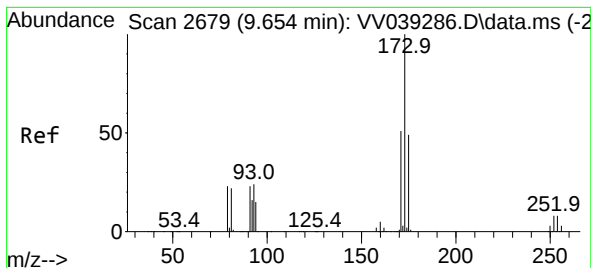
Tgt Ion:106 Resp: 763646
Ion Ratio Lower Upper
106 100
91 215.1 105.8 317.3



#70
Styrene
Concen: 56.215 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion:104 Resp: 1401313
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 53.8 42.9 64.3





#71

Bromoform

Concen: 45.608 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

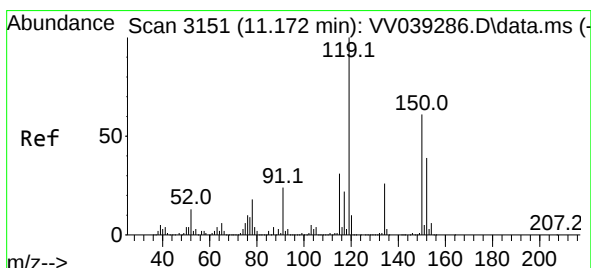
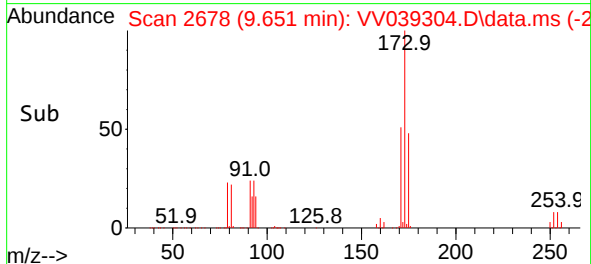
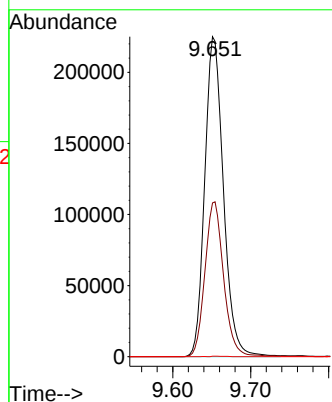
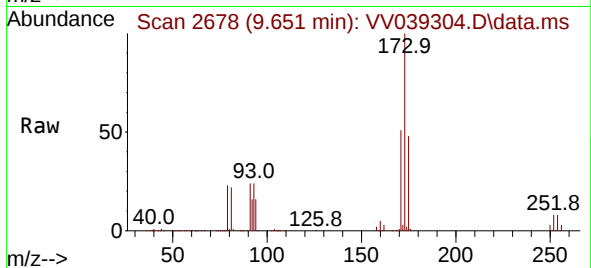
Tgt Ion:173 Resp: 375136

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

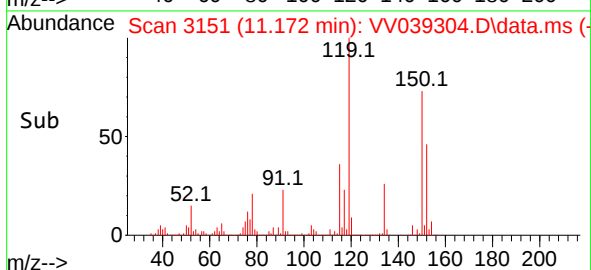
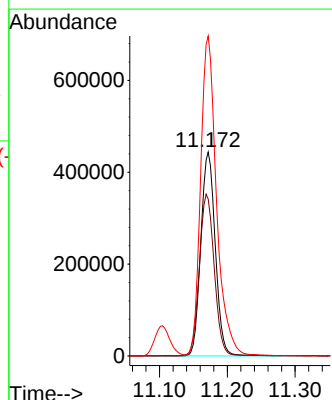
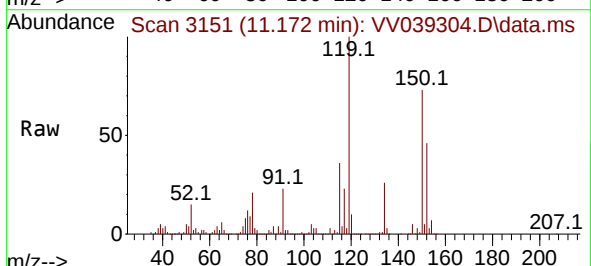
Tgt Ion:152 Resp: 656771

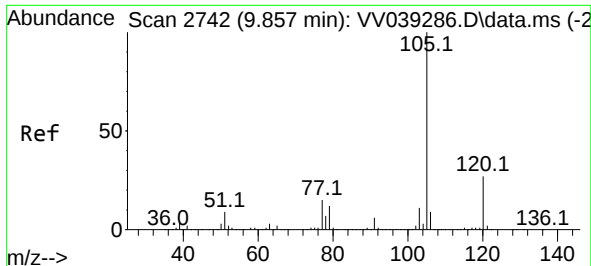
Ion Ratio Lower Upper

152 100

115 81.1 42.3 126.8

150 172.7 0.0 348.0

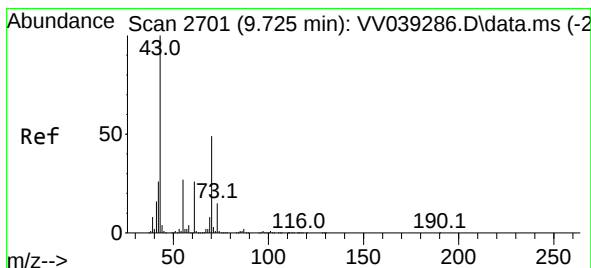
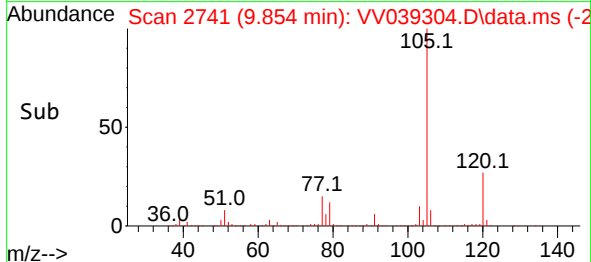
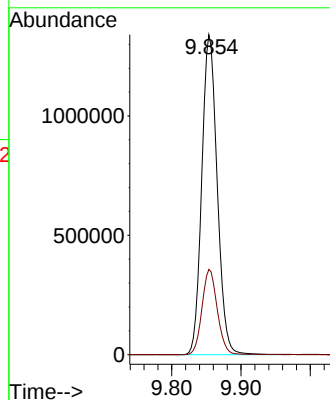
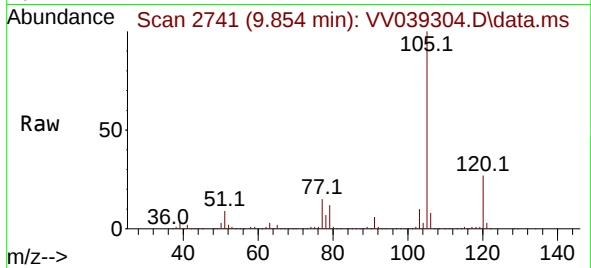




#73
Isopropylbenzene
Concen: 51.805 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

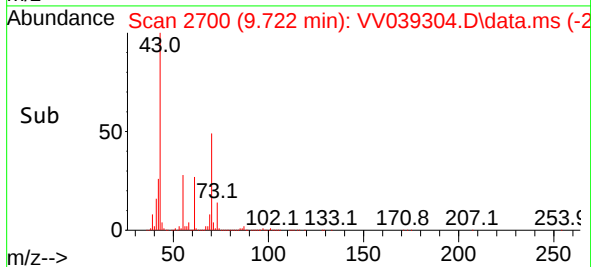
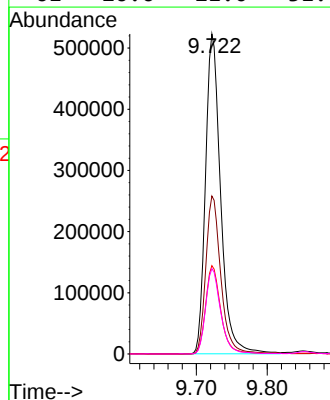
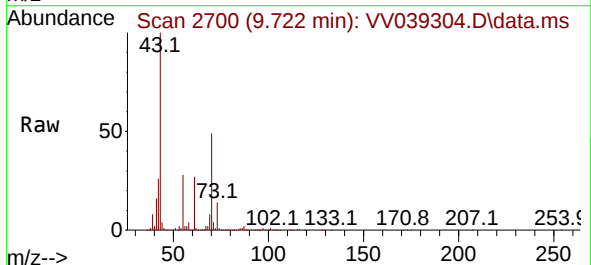
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

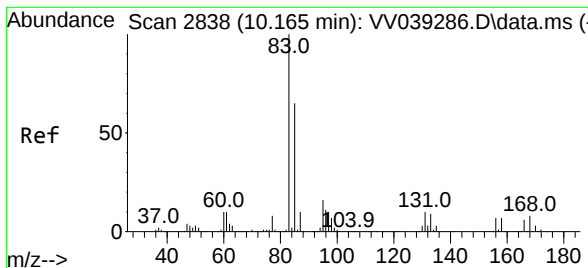
Tgt Ion:105 Resp: 2066103
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 47.253 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 43 Resp: 776540
Ion Ratio Lower Upper
43 100
70 49.0 38.6 58.0
55 27.7 21.9 32.9
61 26.6 21.0 31.4

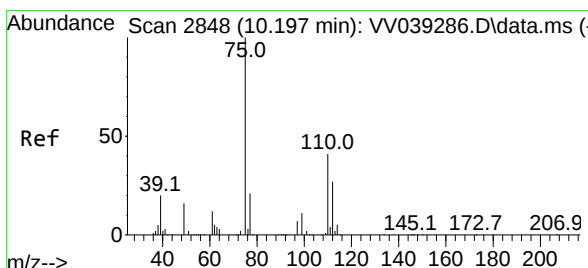
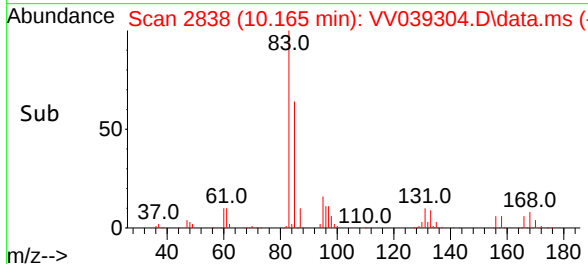
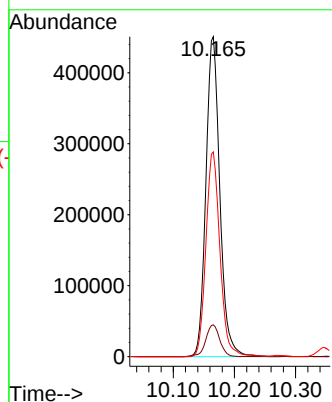
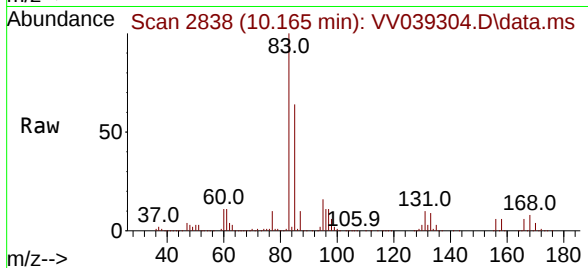




#75
1,1,2-Tetrachloroethane
Concen: 39.000 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

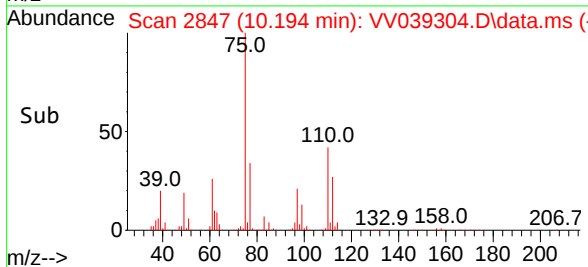
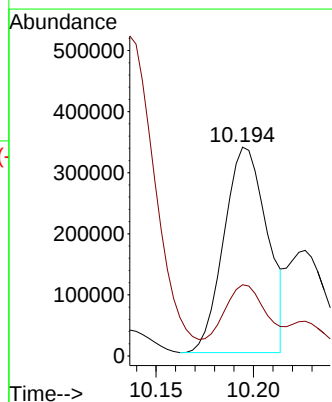
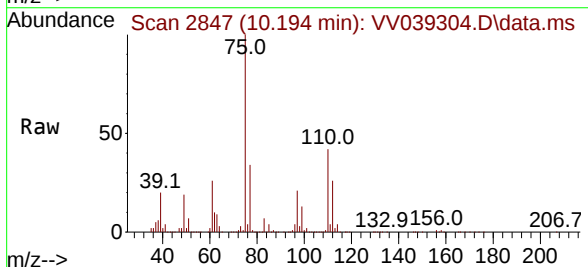
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

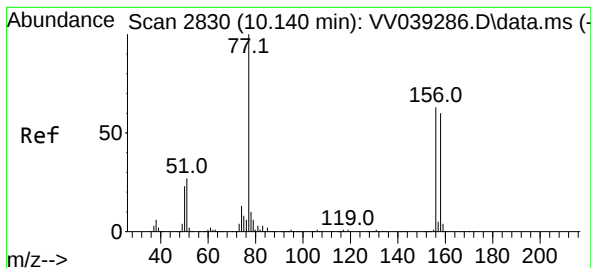
Tgt Ion: 83 Resp: 714288
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 39.705 ug/l
RT: 10.194 min Scan# 2847
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 75 Resp: 520474
Ion Ratio Lower Upper
75 100
77 23.9 12.2 36.4





#77

Bromobenzene

Concen: 47.982 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

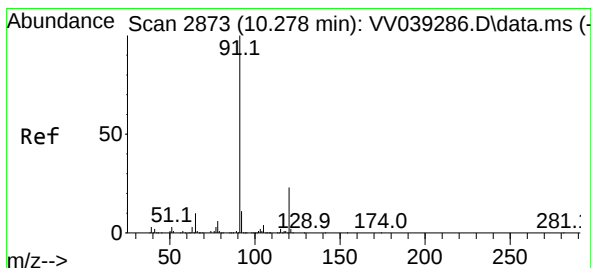
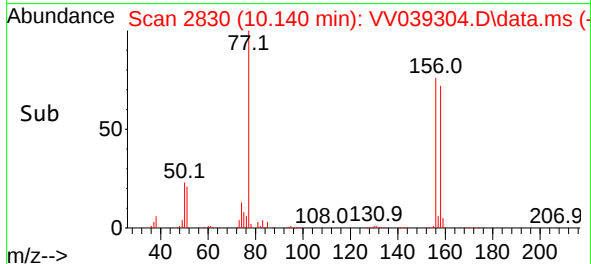
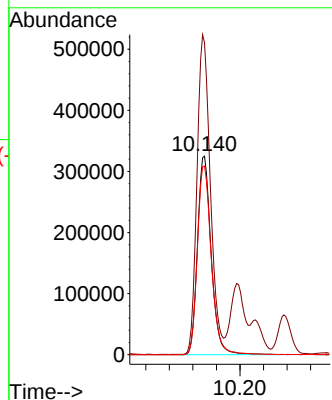
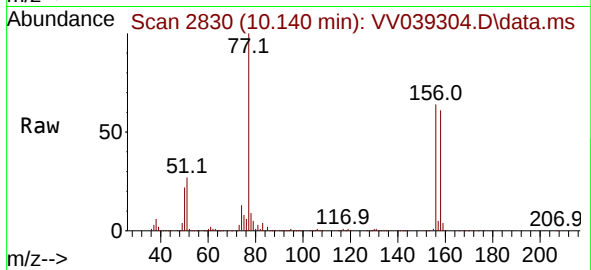
Tgt Ion:156 Resp: 526055

Ion Ratio Lower Upper

156 100

77 156.6 78.4 235.2

158 96.7 47.7 143.1



#78

n-propylbenzene

Concen: 50.280 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.003 min

Lab File: VV039304.D

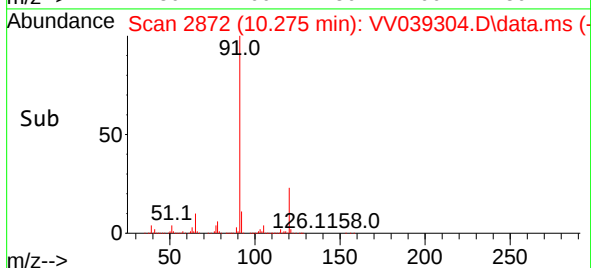
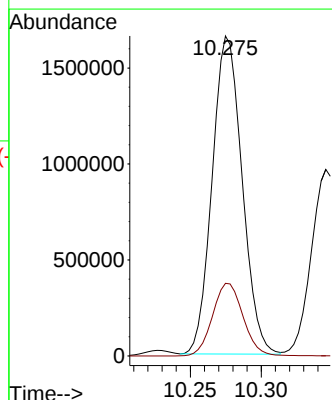
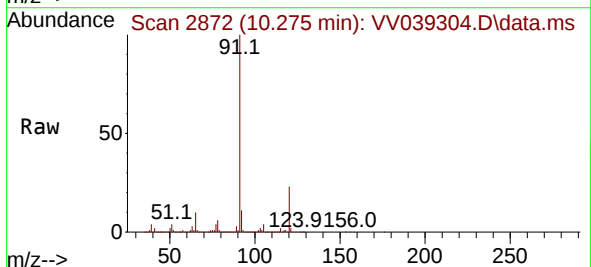
Acq: 21 Oct 2025 15:55

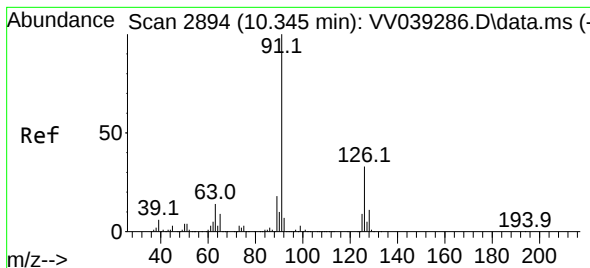
Tgt Ion: 91 Resp: 2433168

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 50.142 ug/l

RT: 10.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

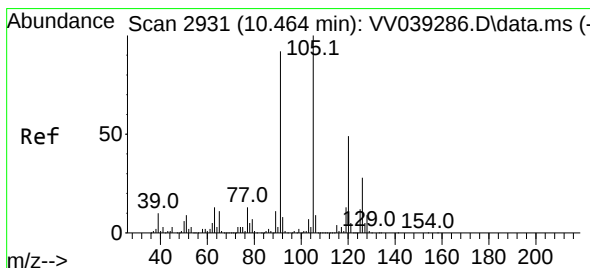
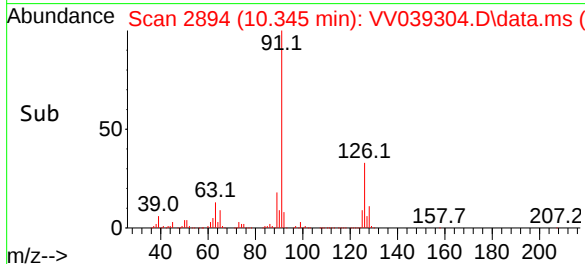
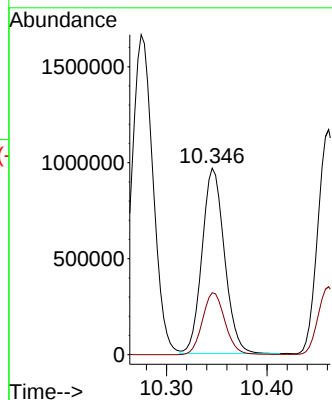
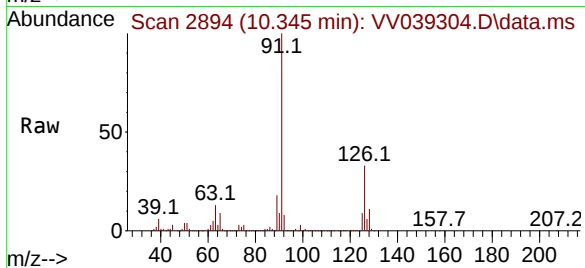
VSTDCCC050EC

Tgt Ion: 91 Resp: 1498104

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 51.768 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. -0.003 min

Lab File: VV039304.D

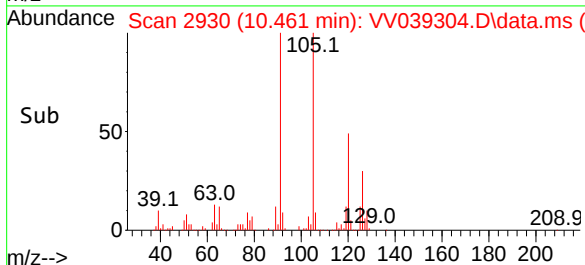
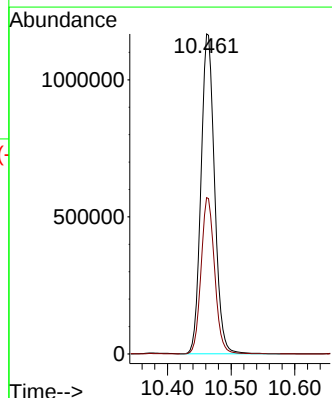
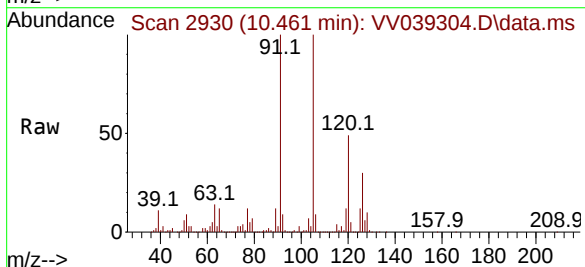
Acq: 21 Oct 2025 15:55

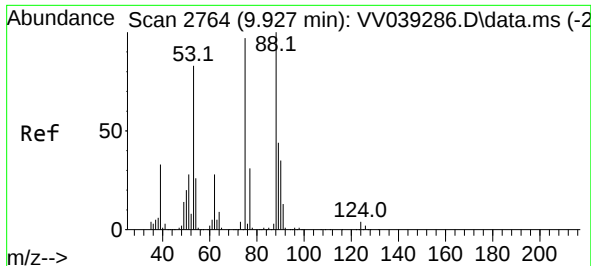
Tgt Ion:105 Resp: 1731609

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0

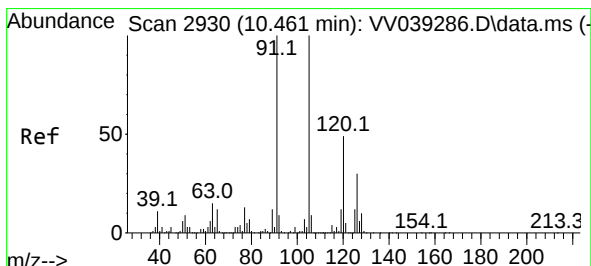
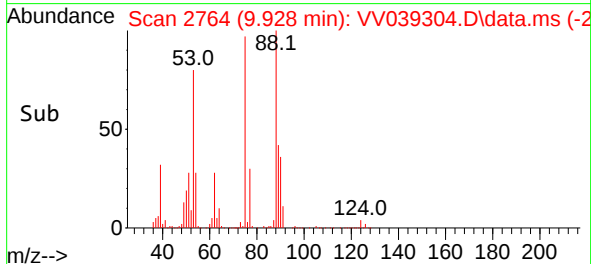
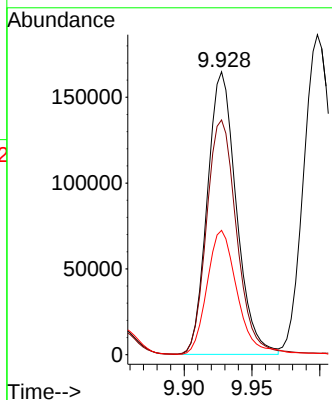
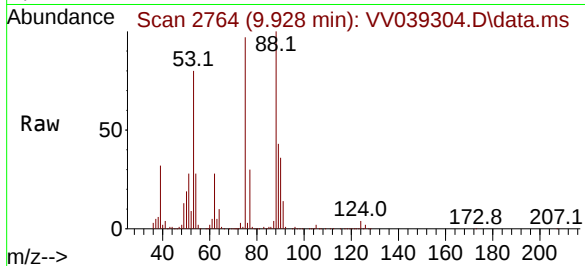




#81
trans-1,4-Dichloro-2-butene
Concen: 47.225 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

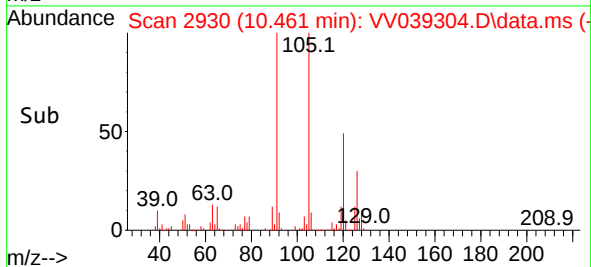
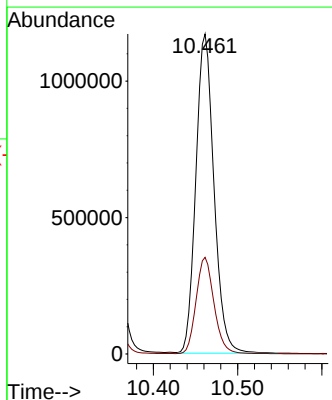
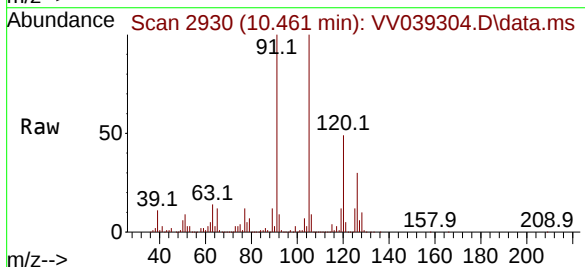
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

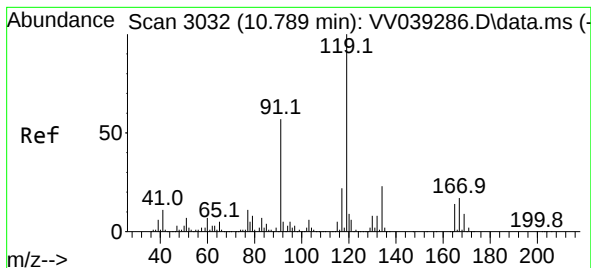
Tgt Ion: 75 Resp: 245120
Ion Ratio Lower Upper
75 100
53 85.8 69.9 104.9
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.063 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 91 Resp: 1753586
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83

tert-Butylbenzene

Concen: 49.432 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

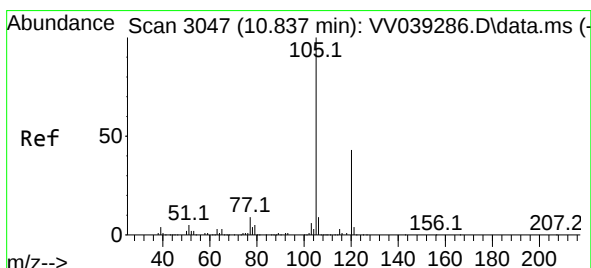
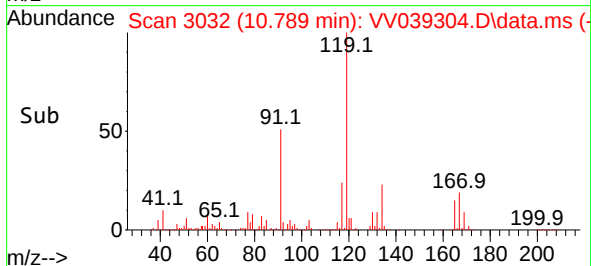
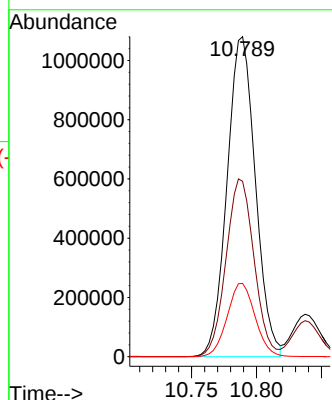
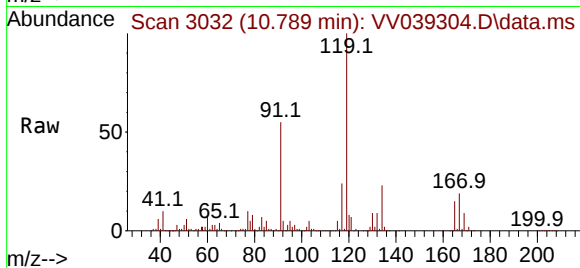
Tgt Ion:119 Resp: 1641800

Ion Ratio Lower Upper

119 100

91 55.0 28.2 84.7

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 52.220 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039304.D

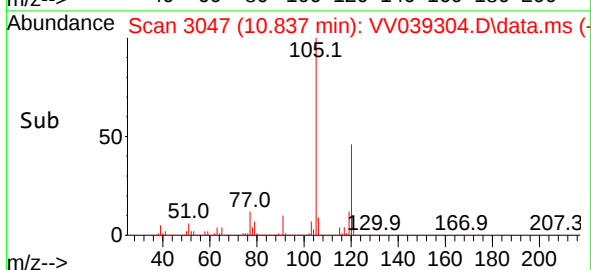
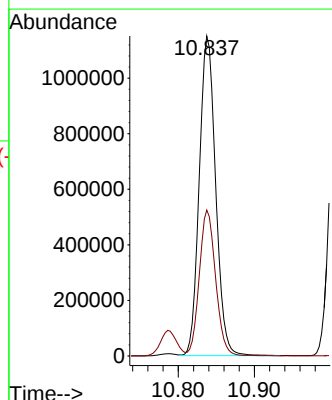
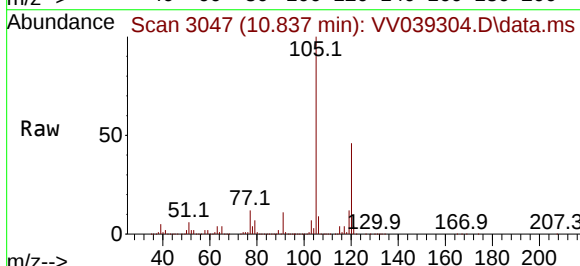
Acq: 21 Oct 2025 15:55

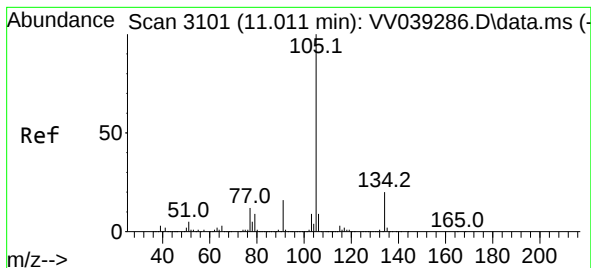
Tgt Ion:105 Resp: 1719529

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 48.241 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

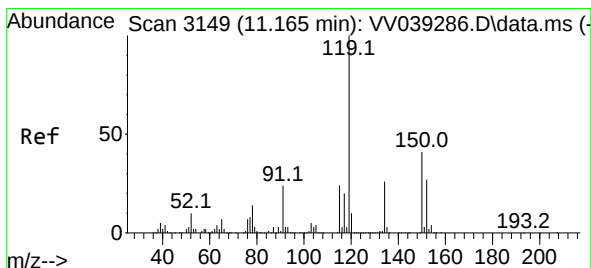
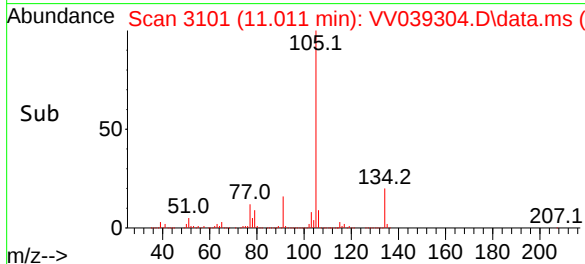
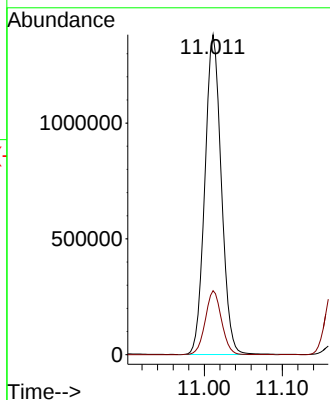
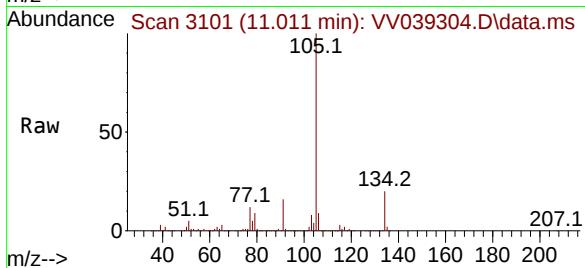
VSTDCCC050EC

Tgt Ion:105 Resp: 2025847

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.033 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

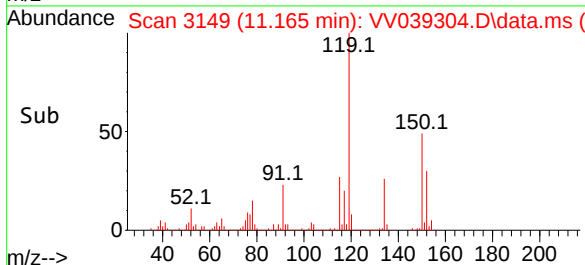
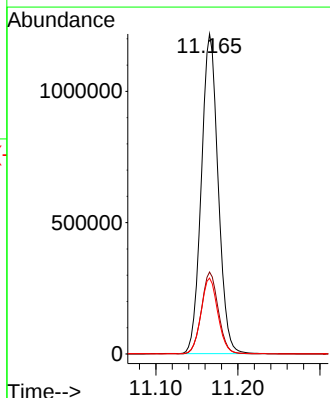
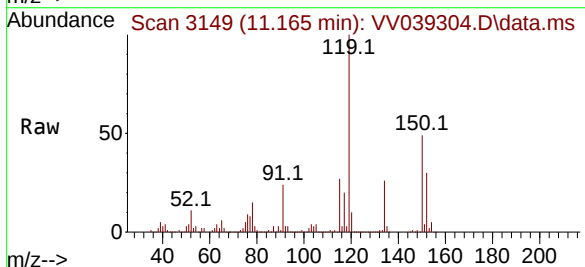
Tgt Ion:119 Resp: 1734283

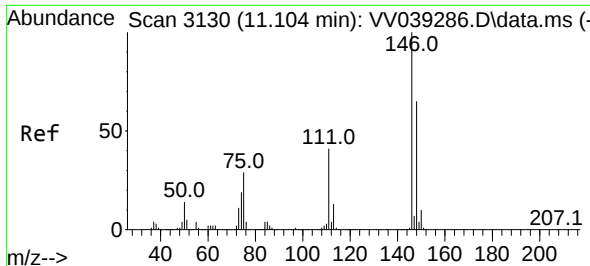
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.260 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

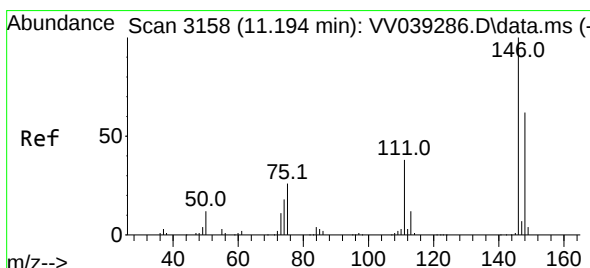
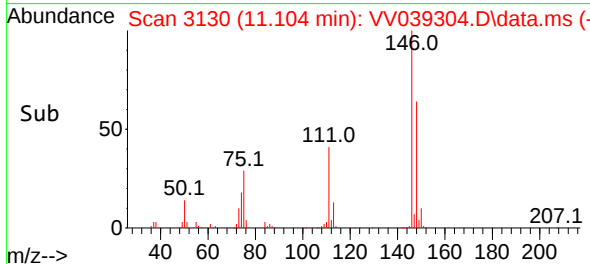
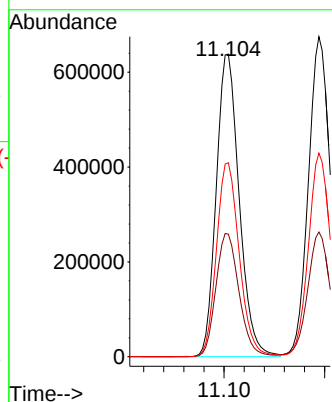
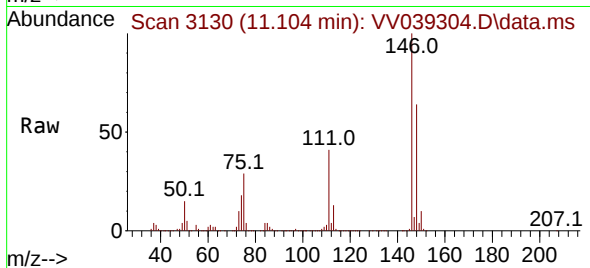
Tgt Ion:146 Resp: 1011614

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 43.086 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

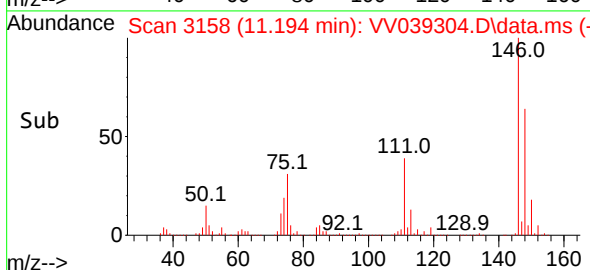
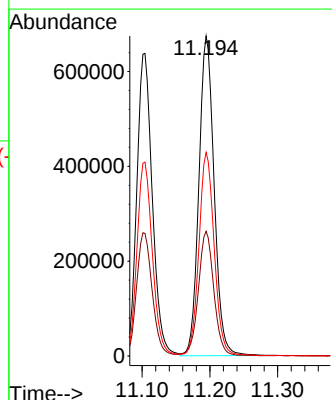
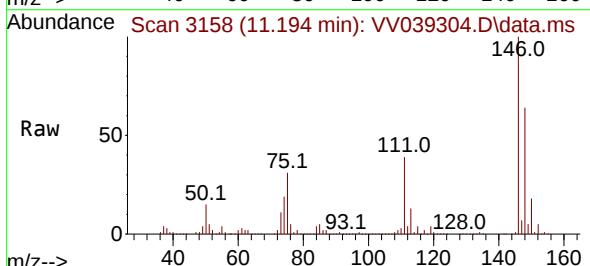
Tgt Ion:146 Resp: 1054482

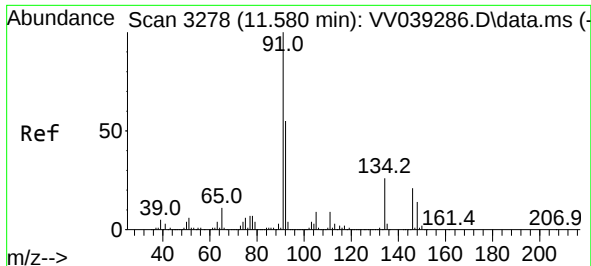
Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 46.433 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

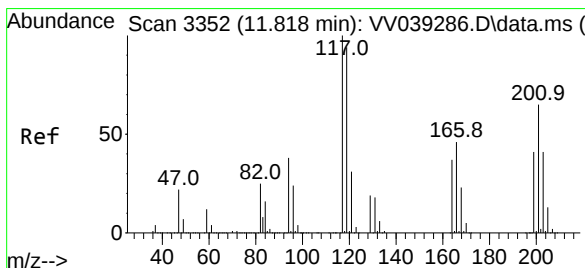
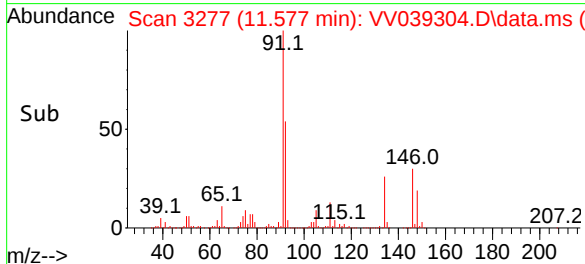
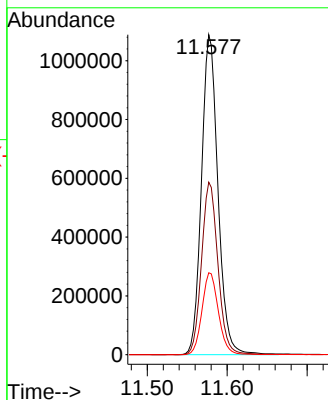
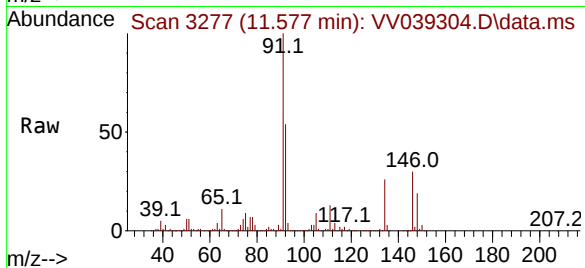
Tgt Ion: 91 Resp: 1561275

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.6

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 38.113 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039304.D

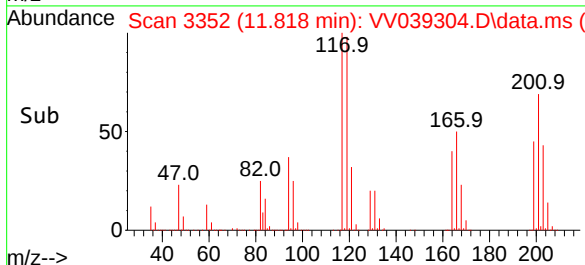
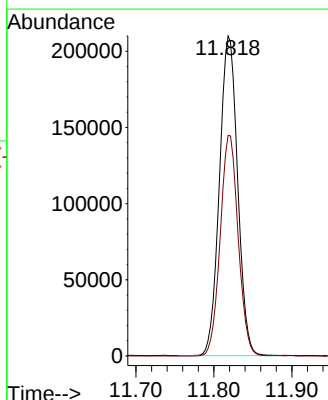
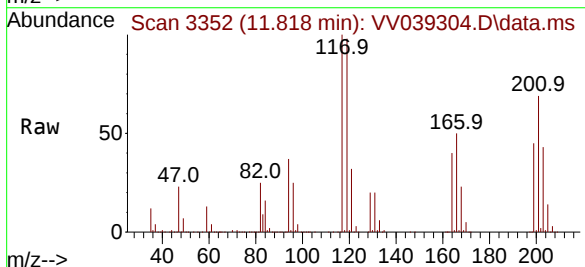
Acq: 21 Oct 2025 15:55

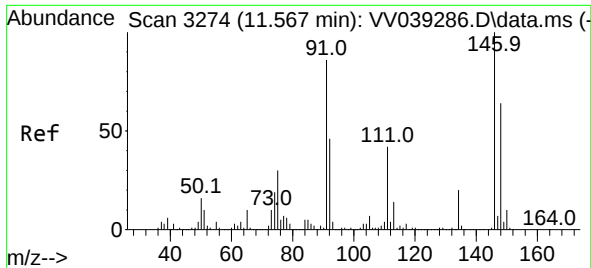
Tgt Ion:117 Resp: 340274

Ion Ratio Lower Upper

117 100

201 68.0 33.7 101.1

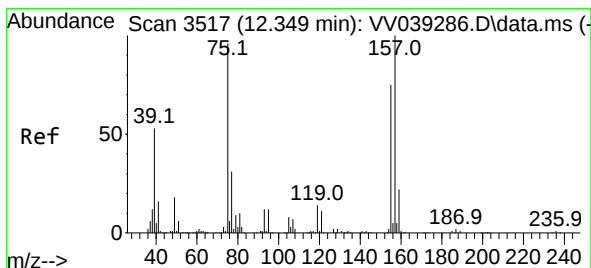
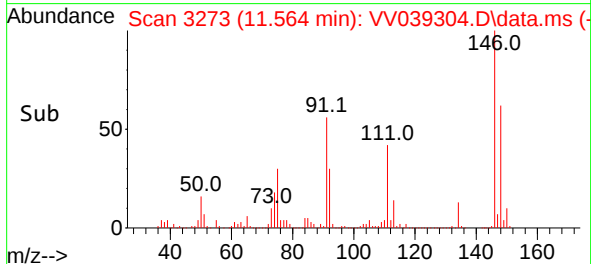
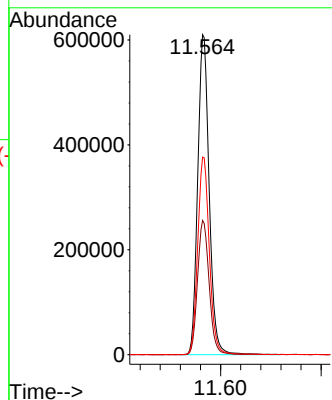
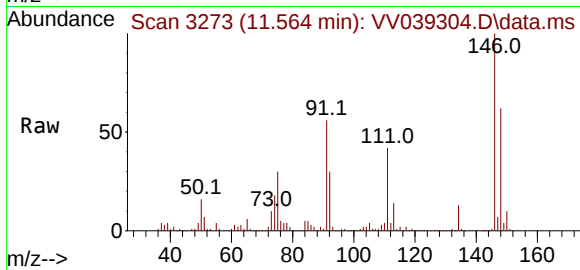




#91
1,2-Dichlorobenzene
Concen: 46.284 ug/l
RT: 11.564 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

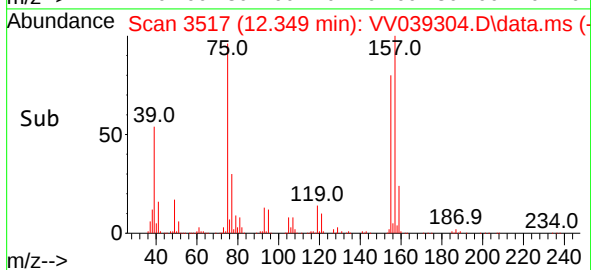
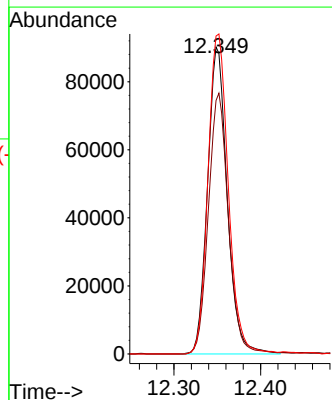
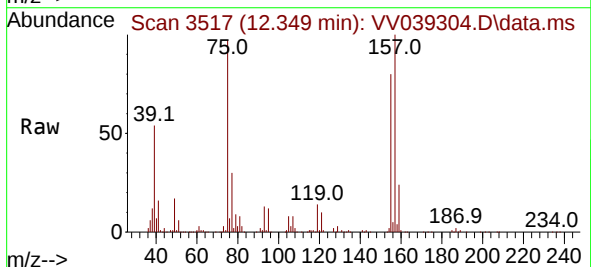
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

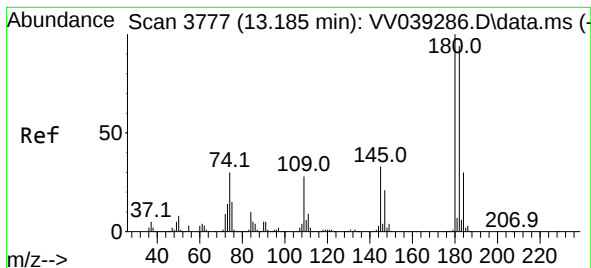
Tgt Ion:146 Resp: 962822
Ion Ratio Lower Upper
146 100
111 42.5 21.3 64.0
148 63.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 37.939 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. 0.000 min
Lab File: VV039304.D
Acq: 21 Oct 2025 15:55

Tgt Ion: 75 Resp: 142876
Ion Ratio Lower Upper
75 100
155 86.4 40.8 122.5
157 107.5 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 47.197 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

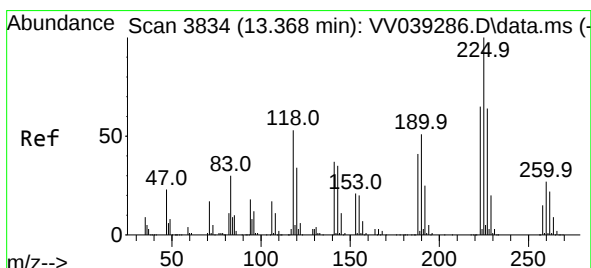
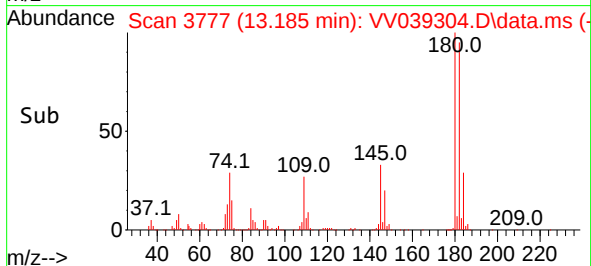
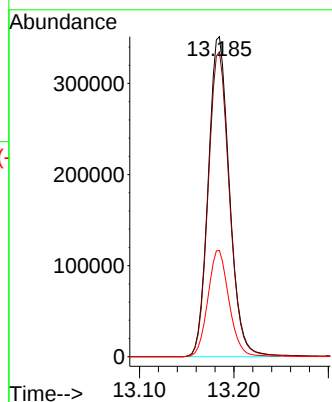
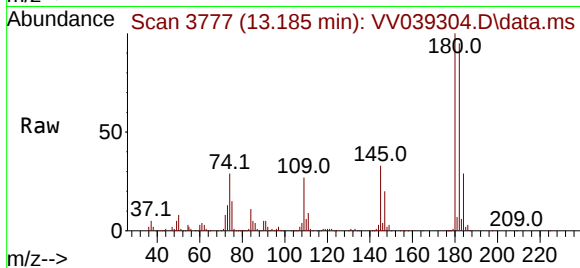
Tgt Ion:180 Resp: 547577

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 33.3 16.3 48.9



#94

Hexachlorobutadiene

Concen: 33.971 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

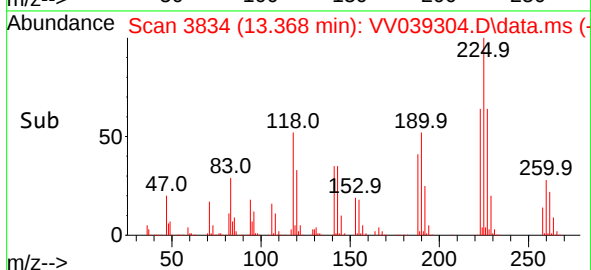
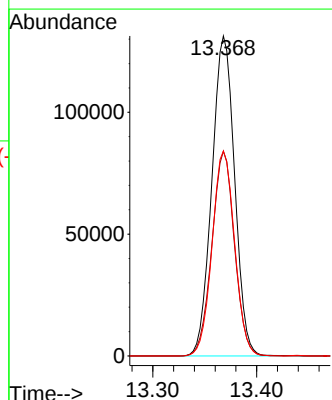
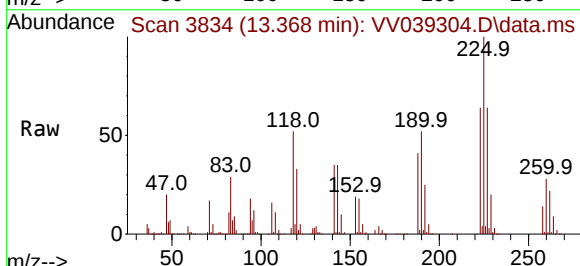
Tgt Ion:225 Resp: 199572

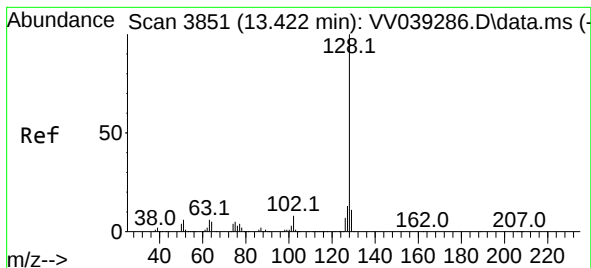
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 63.3 31.7 95.1





#95

Naphthalene

Concen: 51.101 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

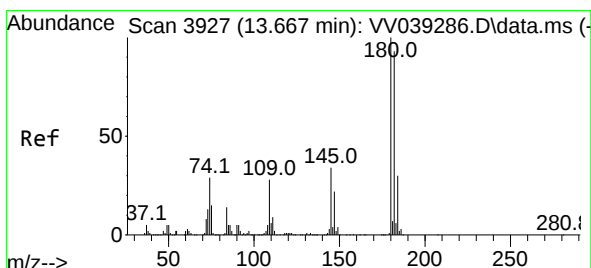
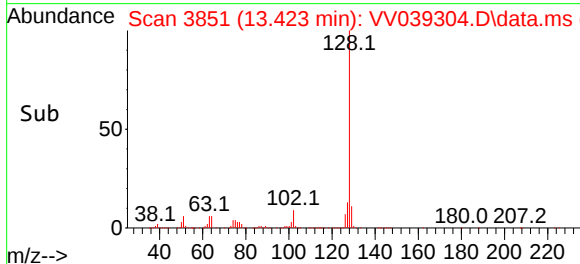
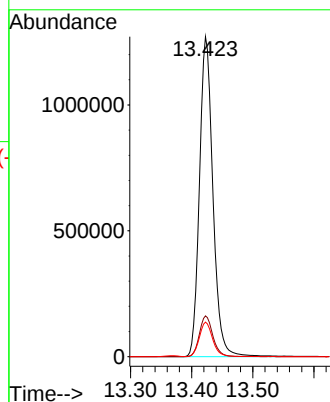
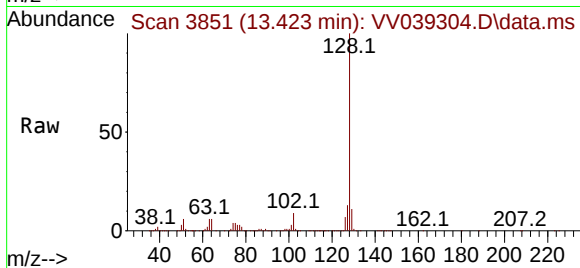
Tgt Ion:128 Resp: 1942421

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.526 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039304.D

Acq: 21 Oct 2025 15:55

Tgt Ion:180 Resp: 548961

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 35.1 17.2 51.5

