

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039036.D
 Acq On : 25 Aug 2025 16:36
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 26 03:38:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	530770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	863234	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	802570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	440851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	387393	50.604	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 101.200%	
35) Dibromofluoromethane	4.503	113	323722	52.074	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.140%	
50) Toluene-d8	7.236	98	1065106	48.389	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	10.001	95	398493	49.409	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 98.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	319909	45.009	ug/l	97
3) Chloromethane	1.230	50	328726	43.399	ug/l	100
4) Vinyl Chloride	1.298	62	403993	45.737	ug/l	98
5) Bromomethane	1.494	94	235073	52.965	ug/l	97
6) Chloroethane	1.558	64	249331	46.598	ug/l	99
7) Trichlorofluoromethane	1.725	101	571546	44.951	ug/l	99
8) Diethyl Ether	1.918	74	223673	46.372	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	349383	45.612	ug/l	99
10) Methyl Iodide	2.195	142	312865	45.214	ug/l	99
11) Tert butyl alcohol	2.561	59	344056	250.366	ug/l	99
12) 1,1-Dichloroethene	2.082	96	337296	45.992	ug/l	100
13) Acrolein	2.008	56	99891	160.996	ug/l	100
14) Allyl chloride	2.359	41	594776	51.526	ug/l	98
15) Acrylonitrile	2.671	53	1124250	274.318	ug/l	100
16) Acetone	2.117	43	972952	201.227	ug/l	99
17) Carbon Disulfide	2.253	76	948630	46.597	ug/l	100
18) Methyl Acetate	2.378	43	523046	54.473	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	1152700	53.342	ug/l	100
20) Methylene Chloride	2.455	84	390535	49.462	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	361757	49.214	ug/l	98
22) Diisopropyl ether	3.214	45	1237831	58.924	ug/l	99
23) Vinyl Acetate	3.188	43	5264383	302.322	ug/l	98
24) 1,1-Dichloroethane	3.121	63	693994	52.735	ug/l	99
25) 2-Butanone	3.857	43	1461189	275.957	ug/l	96
26) 2,2-Dichloropropane	3.812	77	569753	50.364	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	417612	51.260	ug/l	96
28) Bromochloromethane	4.146	49	167308	57.786	ug/l	86
29) Tetrahydrofuran	4.230	42	965414	288.402	ug/l	93
30) Chloroform	4.278	83	707774	51.708	ug/l	94
31) Cyclohexane	4.587	56	605312	52.008	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	602495	50.006	ug/l	98
36) 1,1-Dichloropropene	4.744	75	468948	56.128	ug/l	98
37) Ethyl Acetate	3.970	43	571946	58.323	ug/l	98
38) Carbon Tetrachloride	4.735	117	510390	51.014	ug/l	96
39) Methylcyclohexane	6.047	83	560830	52.290	ug/l	98
40) Benzene	5.011	78	1478283	55.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	259236	62.334	ug/l	96
42) 1,2-Dichloroethane	5.040	62	505414	54.285	ug/l	99
43) Isopropyl Acetate	5.188	43	870746	62.407	ug/l	98
44) Trichloroethene	5.831	130	331226	49.407	ug/l	97
45) 1,2-Dichloropropane	6.088	63	340816	50.209	ug/l	97
46) Dibromomethane	6.223	93	250683	48.697	ug/l	99
47) Bromodichloromethane	6.426	83	512971	48.362	ug/l	99
48) Methyl methacrylate	6.294	41	345187	50.681	ug/l	97
49) 1,4-Dioxane	6.288	88	104998	911.825	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2498274	254.559	ug/l	99
52) Toluene	7.307	92	858678	50.422	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	517524	50.825	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	561945	51.373	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	349229	49.153	ug/l	99
56) Ethyl methacrylate	7.715	69	521760	55.366	ug/l	99
57) 1,3-Dichloropropane	7.934	76	571453	49.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1398636	242.863	ug/l	100
59) 2-Hexanone	8.063	43	1856132	254.891	ug/l	99
60) Dibromochloromethane	8.169	129	402416	48.960	ug/l	100
61) 1,2-Dibromoethane	8.272	107	365551	49.850	ug/l	98
64) Tetrachloroethene	7.899	164	286833	50.274	ug/l	99
65) Chlorobenzene	8.805	112	949354	49.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	340624	50.801	ug/l	98
67) Ethyl Benzene	8.937	91	1629454	53.630	ug/l	100
68) m/p-Xylenes	9.063	106	1274846	109.128	ug/l	100
69) o-Xylene	9.468	106	597618	55.874	ug/l	99
70) Styrene	9.484	104	1049441	55.694	ug/l	99
71) Bromoform	9.654	173	283005	52.199	ug/l	100
73) Isopropylbenzene	9.857	105	1615321	52.282	ug/l	100
74) N-amyl acetate	9.725	43	660958	52.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	564050	46.343	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	435915	50.373	ug/l	99
77) Bromobenzene	10.140	156	391440	51.141	ug/l	97
78) n-propylbenzene	10.278	91	1950030	53.467	ug/l	99
79) 2-Chlorotoluene	10.349	91	1142075	50.821	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1374629	54.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	195123	49.587	ug/l	100
82) 4-Chlorotoluene	10.461	91	1333036	52.120	ug/l	100
83) tert-Butylbenzene	10.789	119	1363955	52.877	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1365695	55.040	ug/l	100
85) sec-Butylbenzene	11.011	105	1799903	53.057	ug/l	99
86) p-Isopropyltoluene	11.165	119	1495553	52.869	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	762107	49.810	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	773152	46.899	ug/l	99
89) n-Butylbenzene	11.580	91	1462030	53.585	ug/l	99
90) Hexachloroethane	11.821	117	293361	46.424	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	735192	49.542	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	124042	46.916	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	472702	54.972	ug/l	99
94) Hexachlorobutadiene	13.368	225	198381	49.337	ug/l	99
95) Naphthalene	13.422	128	1657216	55.566	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	469893	53.928	ug/l	99

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ALS Vial : 19 Sample Multiplier: 1

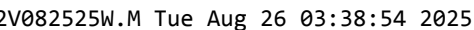
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MSVOA_V
ClientSampleId :
VSTDCCC050EC

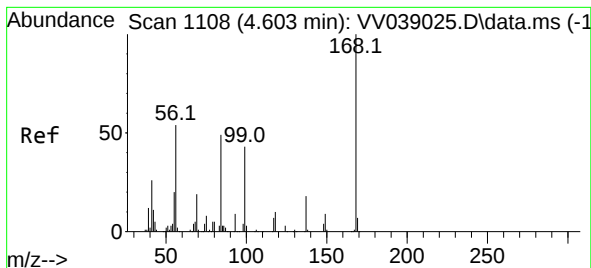
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039036.D

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Instrument :

MSVOA_V

ClientSampleId :

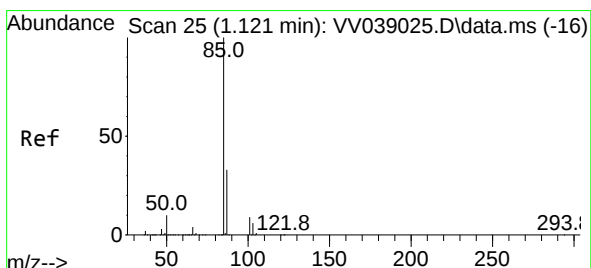
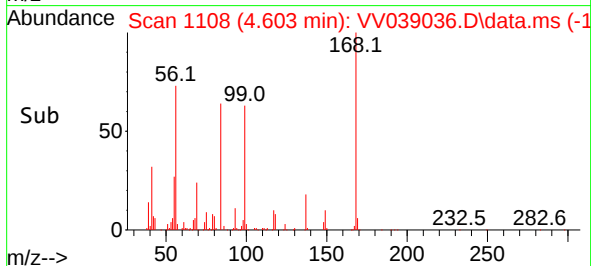
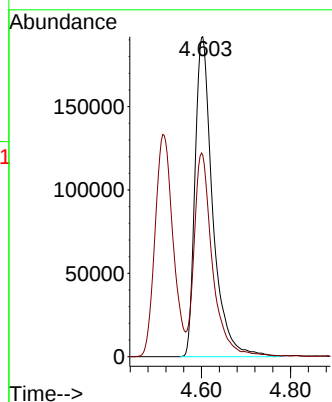
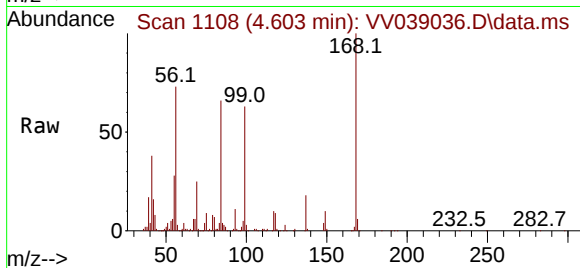
VSTDCCC050EC

Tgt Ion:168 Resp: 530770

Ion Ratio Lower Upper

168 100

99 62.7 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 45.009 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039036.D

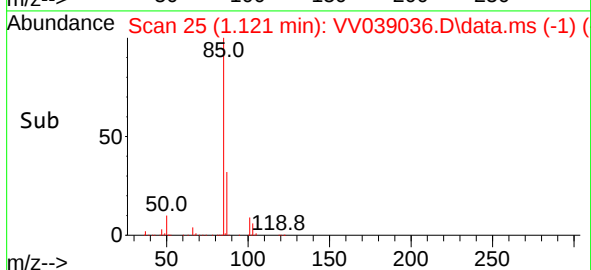
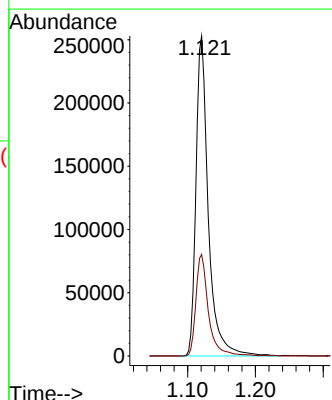
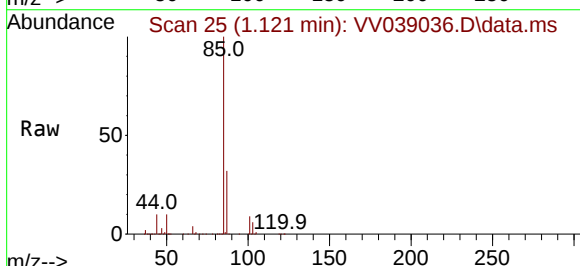
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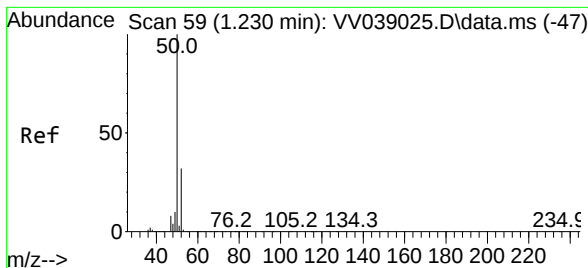
Tgt Ion: 85 Resp: 319909

Ion Ratio Lower Upper

85 100

87 31.7 16.6 49.8

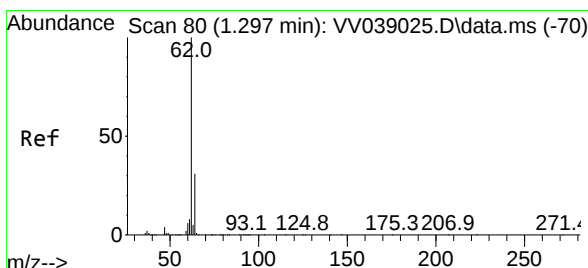
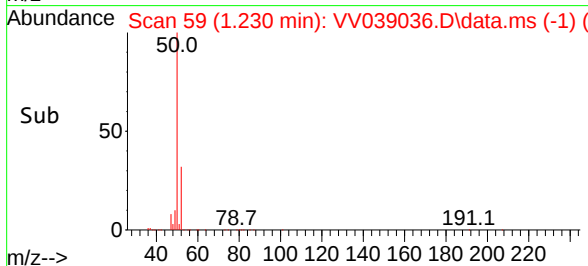
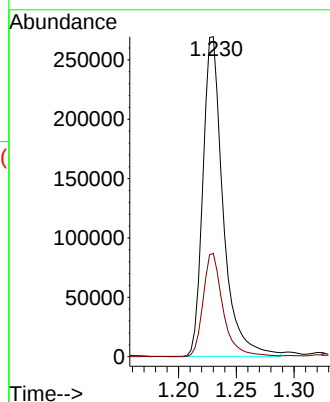
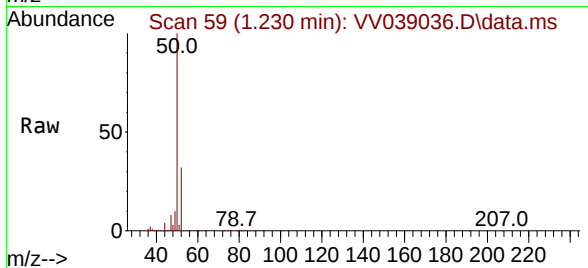




#3
Chloromethane
Concen: 43.399 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039036.D
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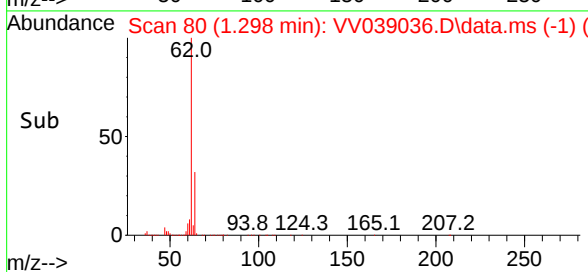
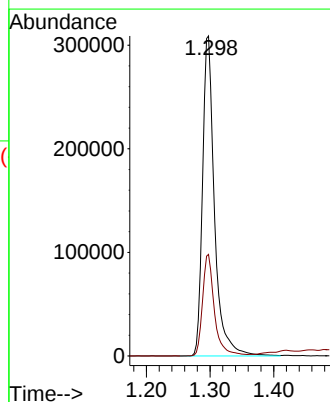
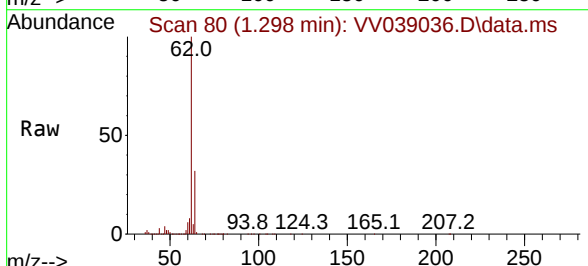
Instrument :
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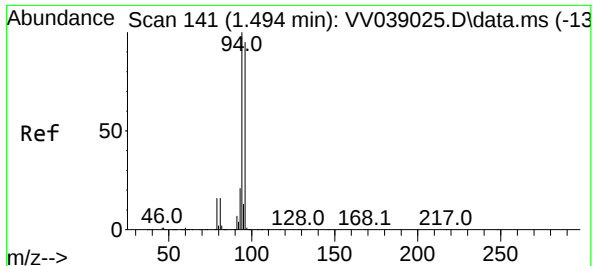
Tgt Ion: 50 Resp: 328726
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 45.737 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 62 Resp: 403993
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1

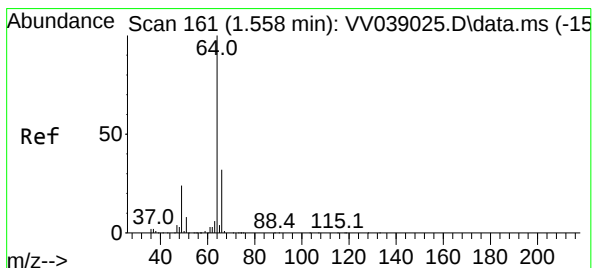
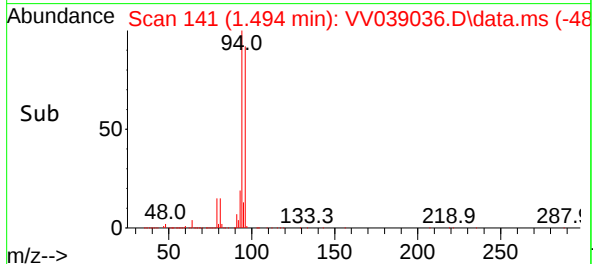
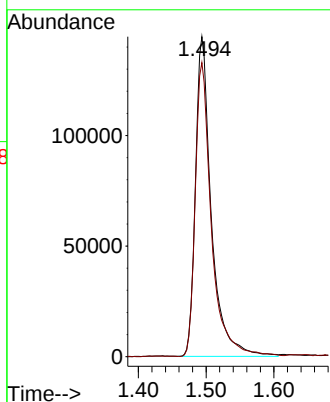
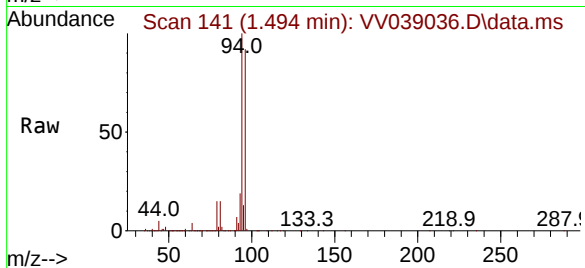




#5
Bromomethane
Concen: 52.965 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

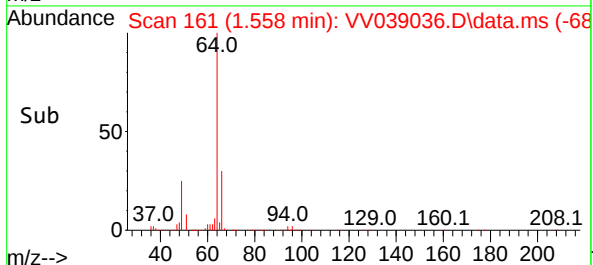
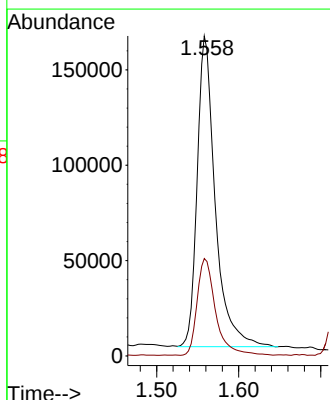
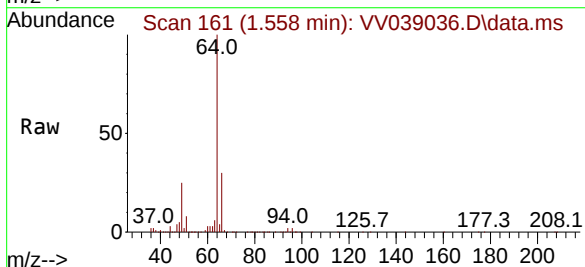
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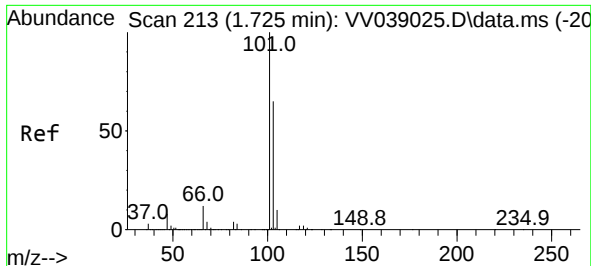
Tgt Ion: 94 Resp: 235073
Ion Ratio Lower Upper
94 100
96 91.9 76.2 114.2



#6
Chloroethane
Concen: 46.598 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 64 Resp: 249331
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

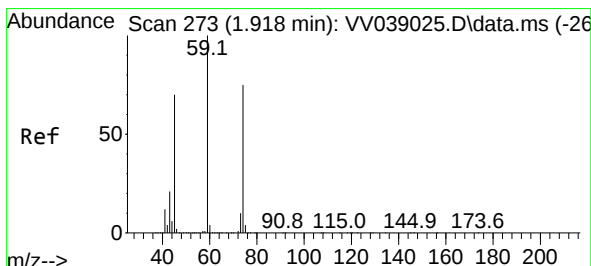
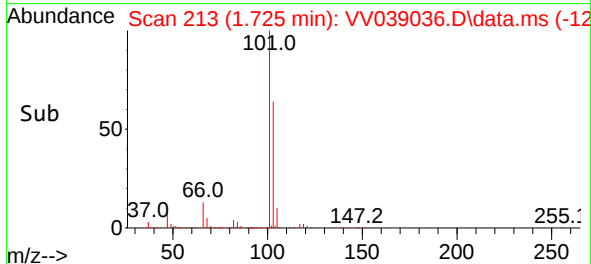
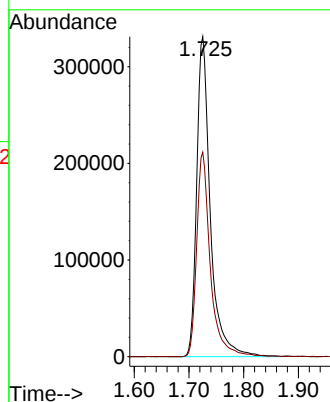
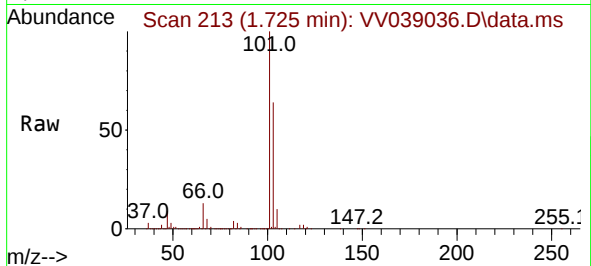




#7
 Trichlorofluoromethane
 Concen: 44.951 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

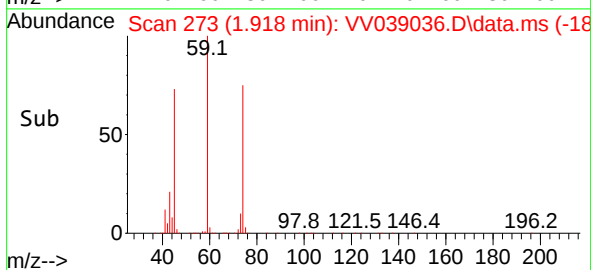
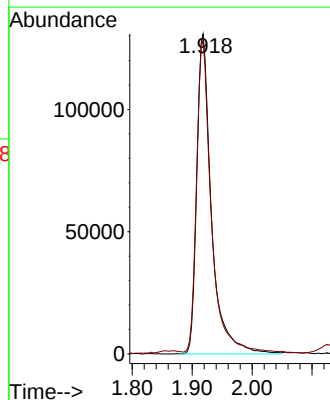
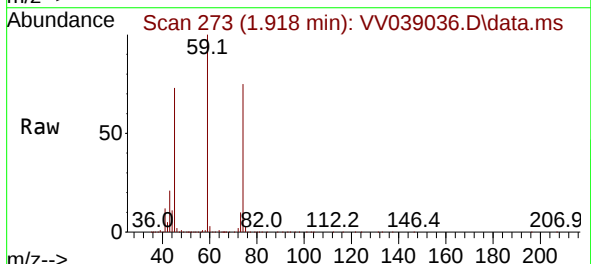
Instrument :
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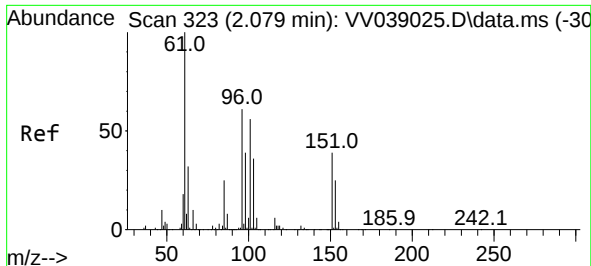
Tgt Ion:101 Resp: 571546
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 46.372 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039036.D
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Tgt Ion: 74 Resp: 223673
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.1 144.4

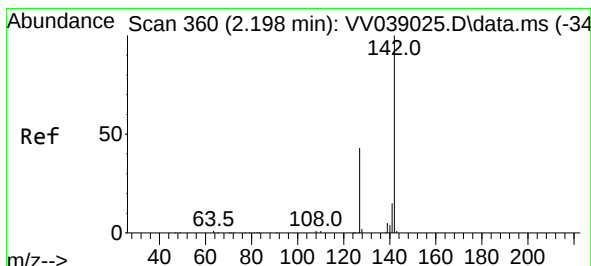
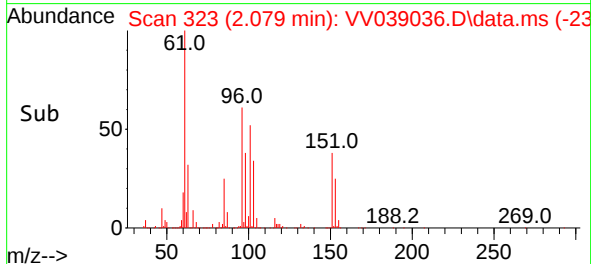
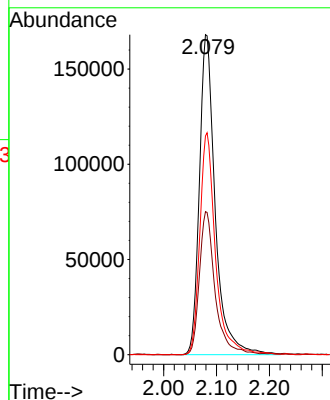
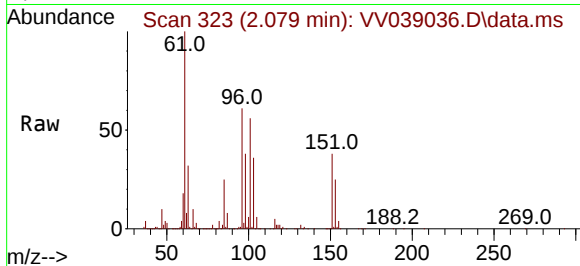




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.612 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

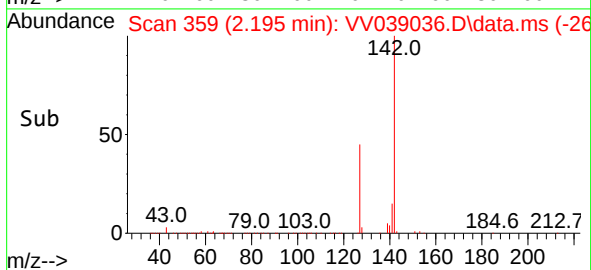
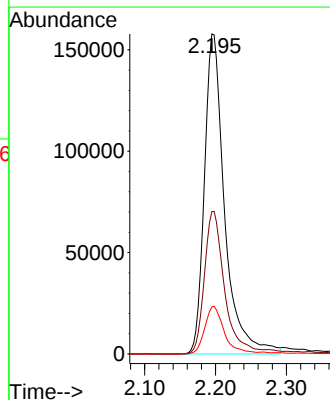
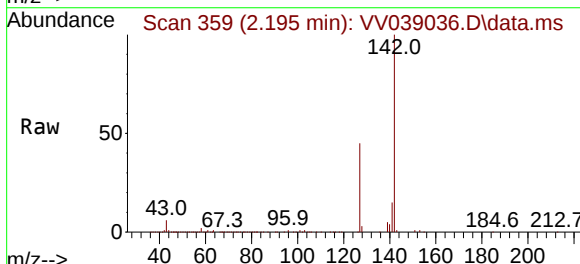
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

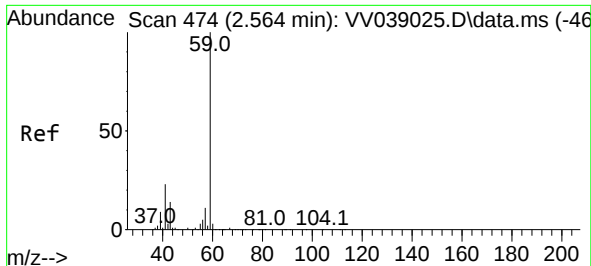
Tgt Ion:101 Resp: 349383
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 69.2 56.1 84.1



#10
Methyl Iodide
Concen: 45.214 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:142 Resp: 312865
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 14.4 11.6 17.4

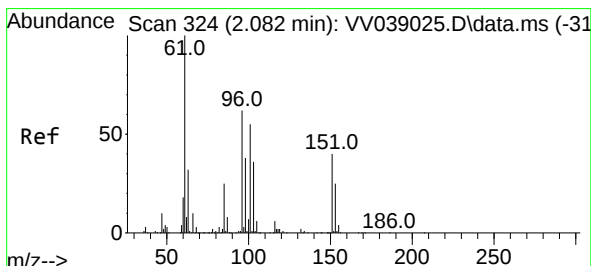
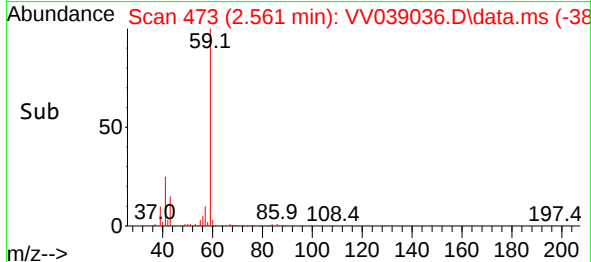
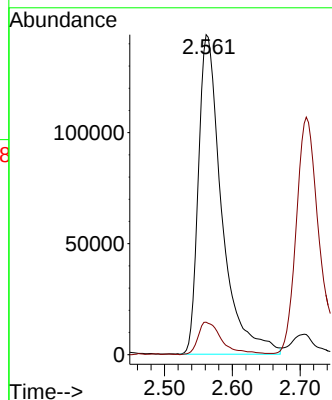
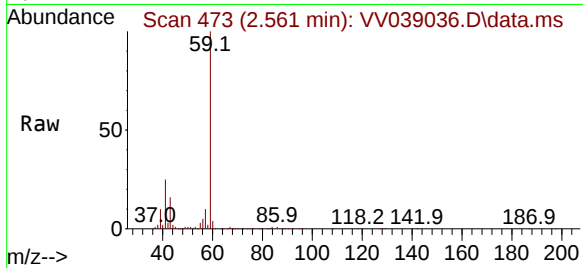




#11
Tert butyl alcohol
Concen: 250.366 ug/l
RT: 2.561 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

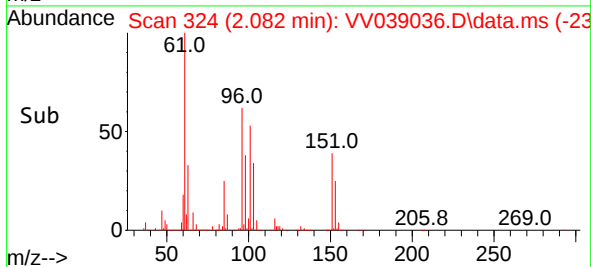
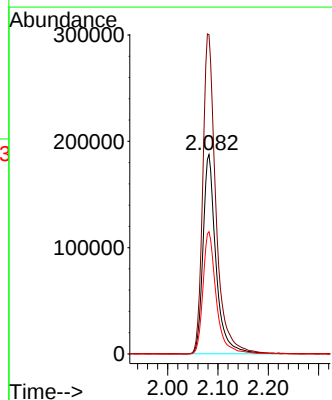
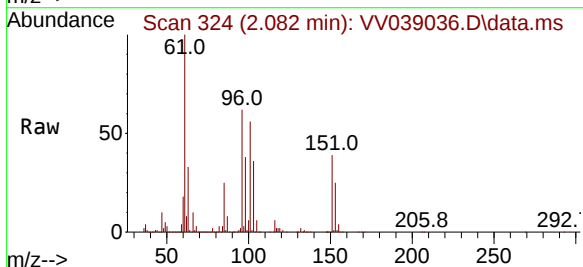
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

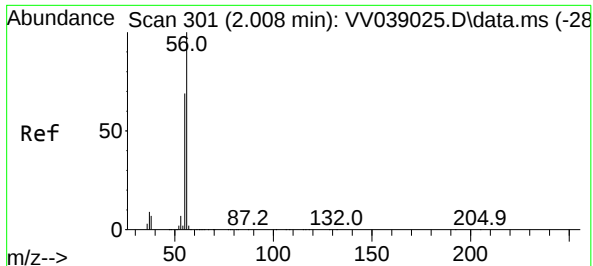
Tgt Ion: 59 Resp: 344056
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.992 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 96 Resp: 337296
Ion Ratio Lower Upper
96 100
61 160.1 128.2 192.2
98 61.3 49.3 73.9

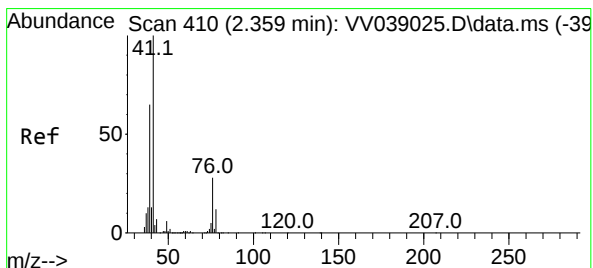
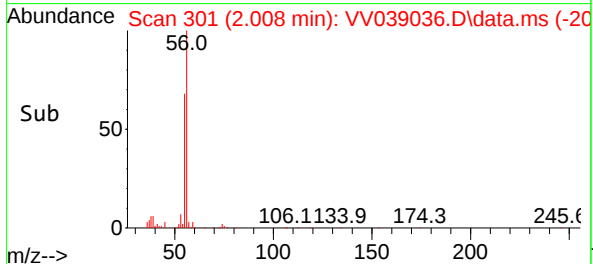
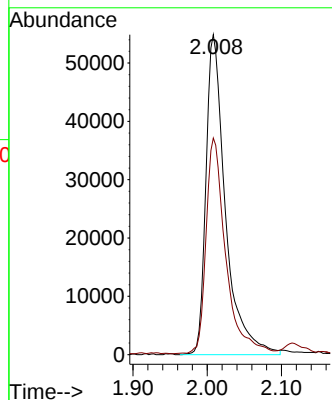
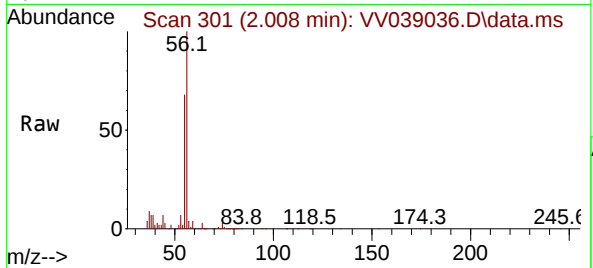




#13
Acrolein
Concen: 160.996 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

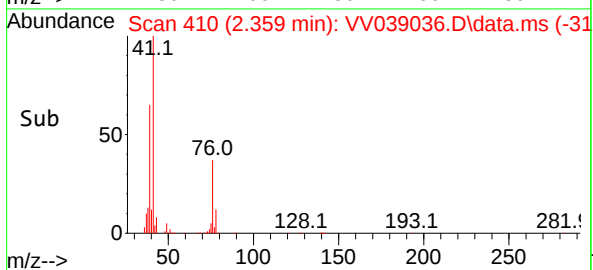
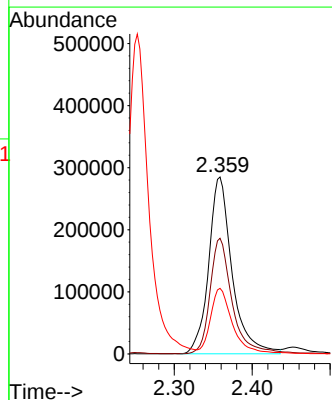
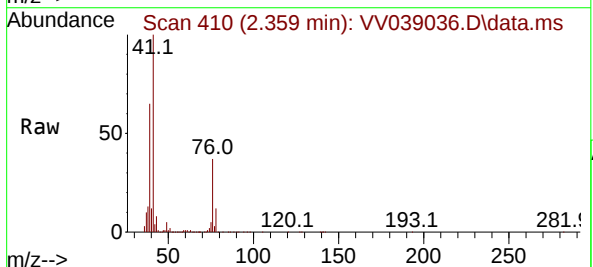
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

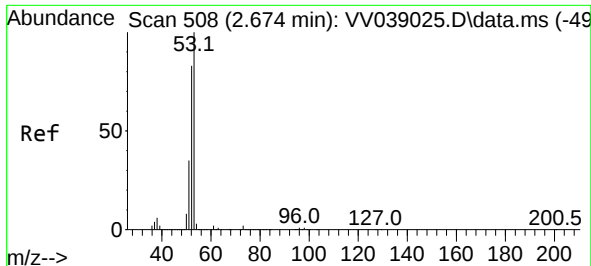
Tgt Ion: 56 Resp: 99891
Ion Ratio Lower Upper
56 100
55 68.0 54.7 82.1



#14
Allyl chloride
Concen: 51.526 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 41 Resp: 594776
Ion Ratio Lower Upper
41 100
39 61.7 48.5 72.7
76 34.1 29.0 43.6

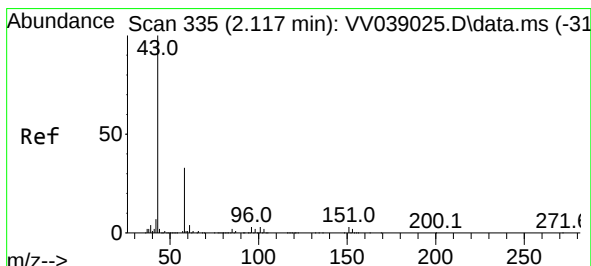
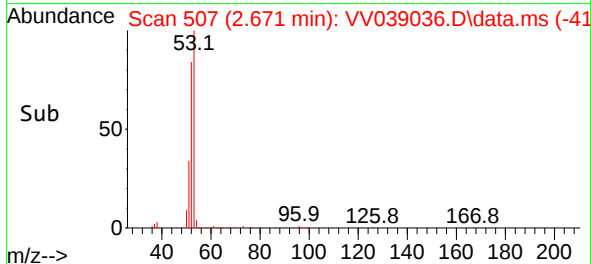
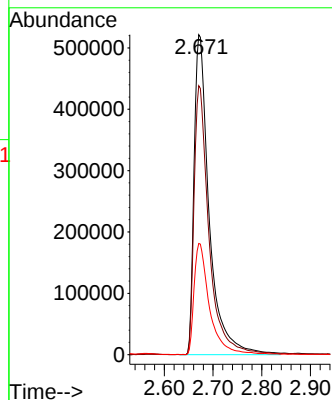
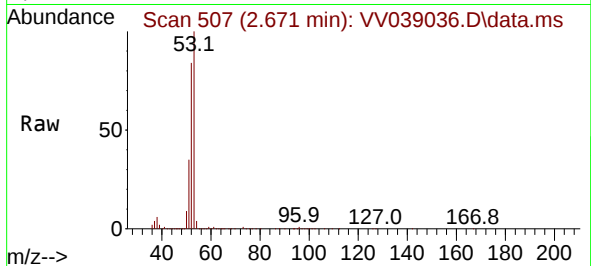




#15
Acrylonitrile
Concen: 274.318 ug/l
RT: 2.671 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

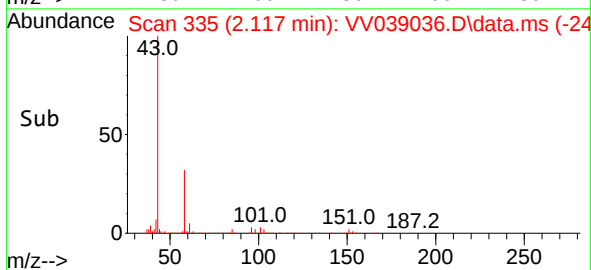
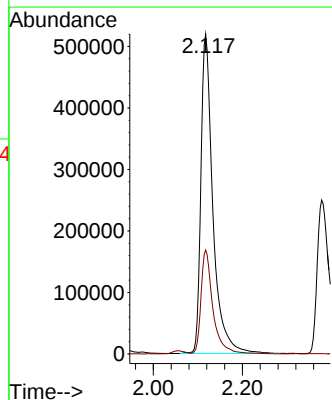
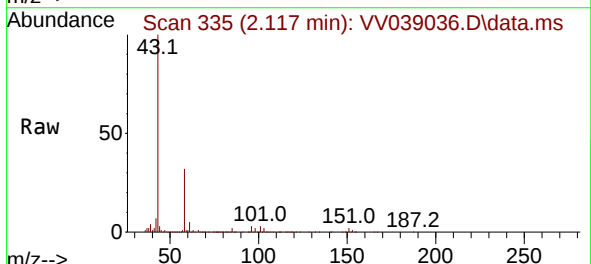
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

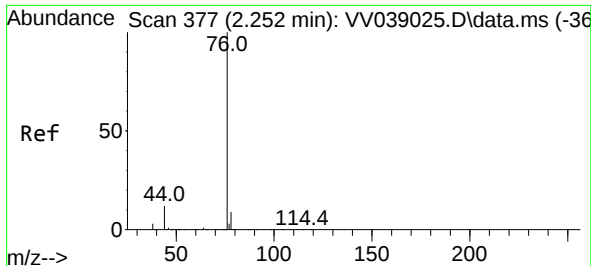
Tgt Ion: 53 Resp: 1124250
Ion Ratio Lower Upper
53 100
52 82.8 65.9 98.9
51 35.2 27.9 41.9



#16
Acetone
Concen: 201.227 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 43 Resp: 972952
Ion Ratio Lower Upper
43 100
58 32.5 26.6 40.0

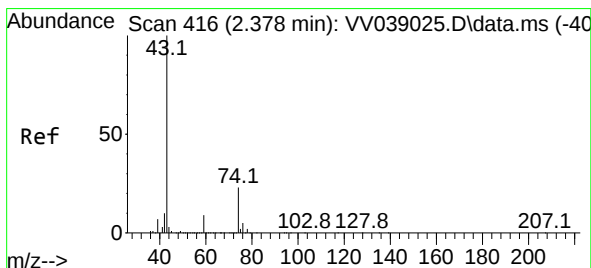
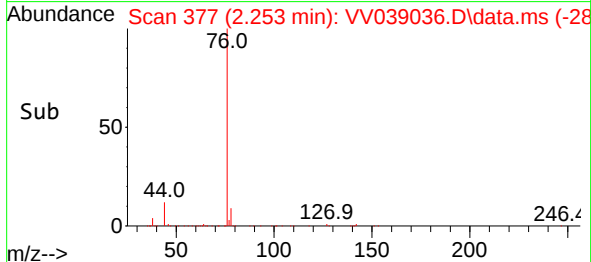
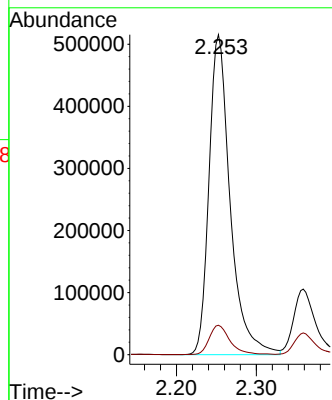
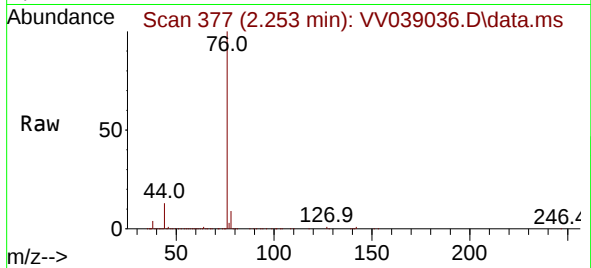




#17
Carbon Disulfide
Concen: 46.597 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

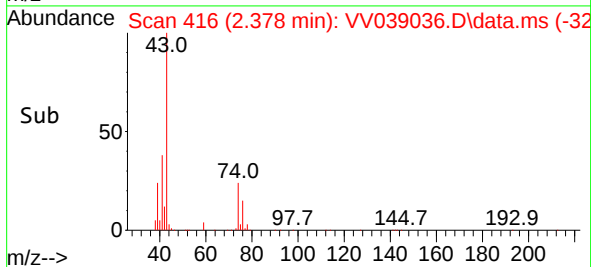
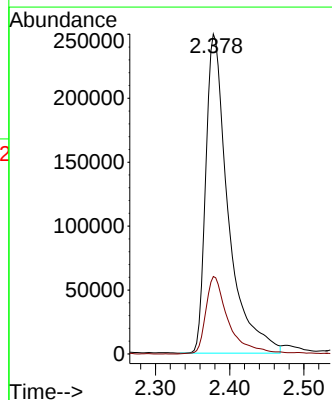
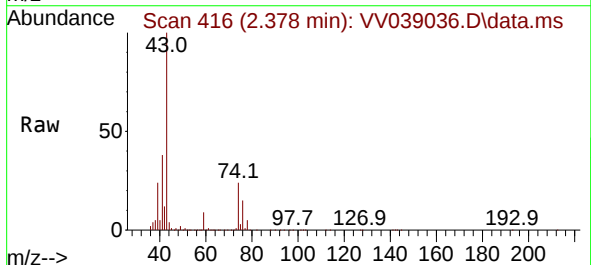
Instrument :
MSVOA_V
ClientSampleId :
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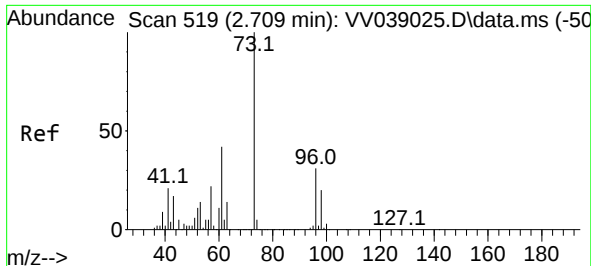
Tgt Ion: 76 Resp: 948630
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 54.473 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 43 Resp: 523046
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3

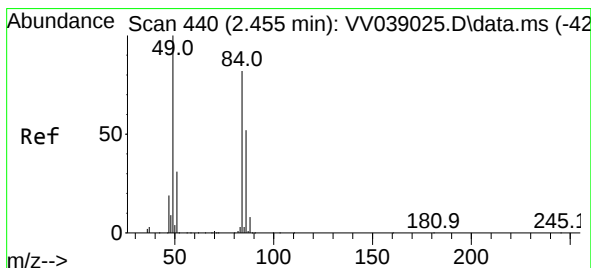
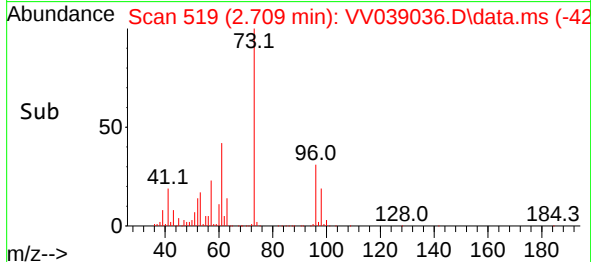
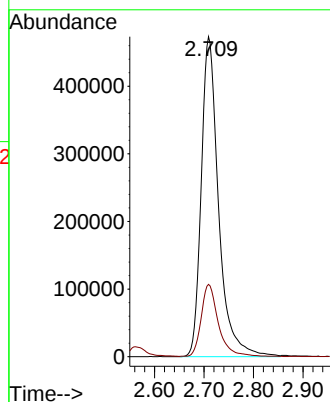
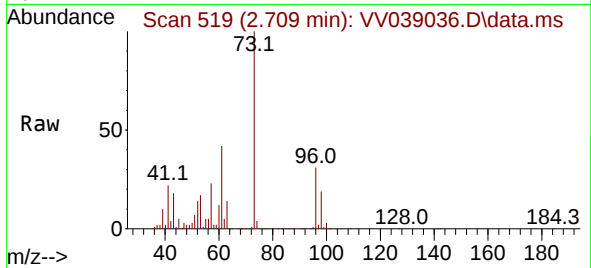




#19
Methyl tert-butyl Ether
Concen: 53.342 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

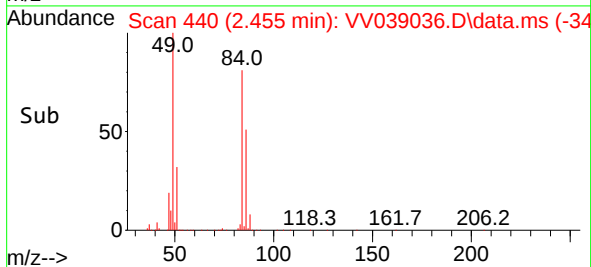
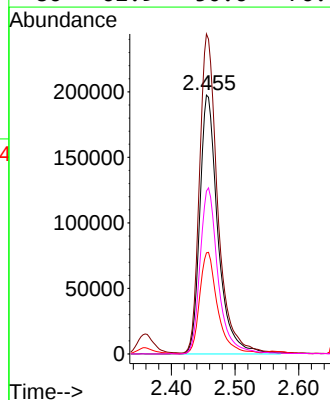
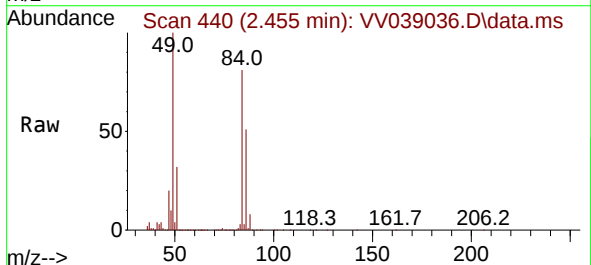
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

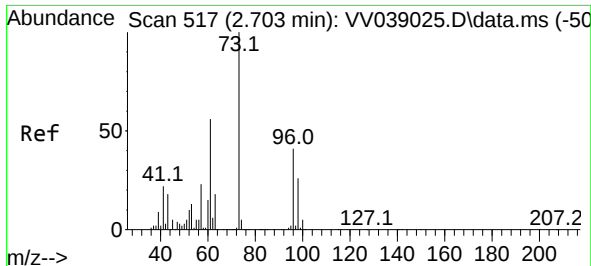
Tgt Ion: 73 Resp: 1152700
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 49.462 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 84 Resp: 390535
Ion Ratio Lower Upper
84 100
49 123.2 97.8 146.8
51 39.0 30.3 45.5
86 62.9 50.6 76.0

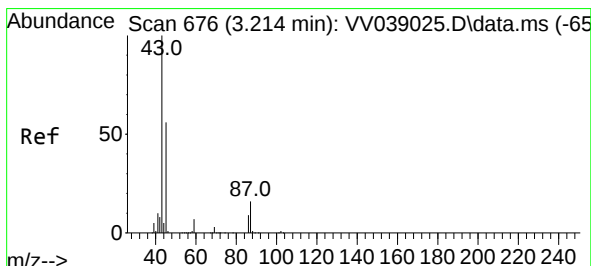
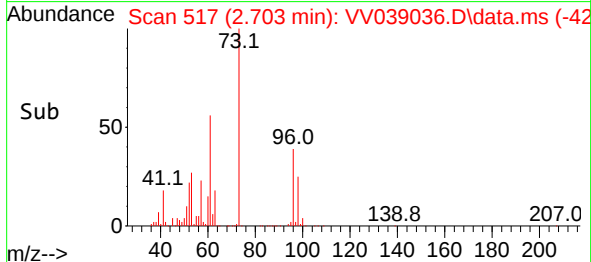
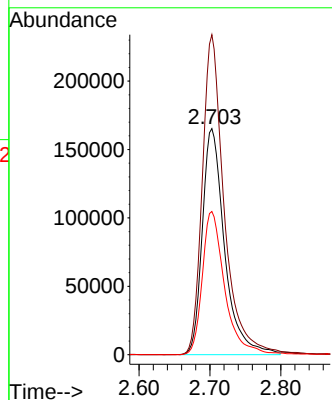
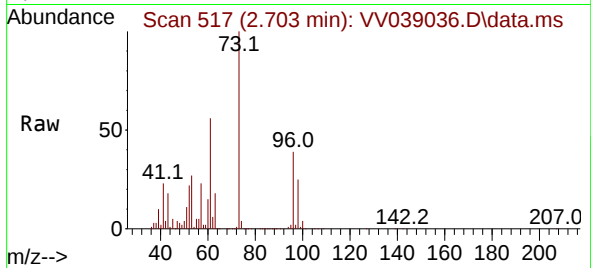




#21
trans-1,2-Dichloroethene
Concen: 49.214 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

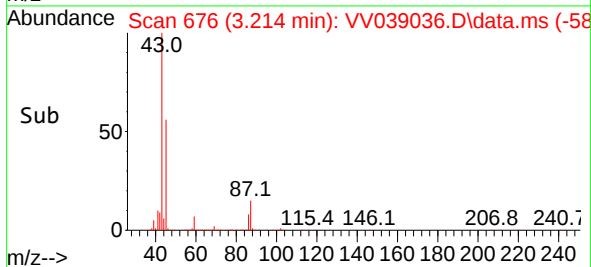
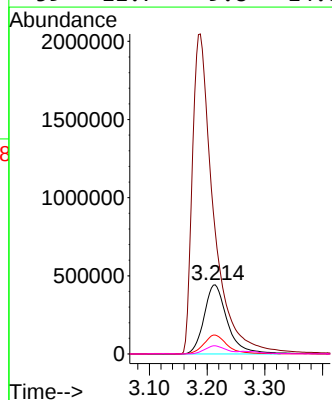
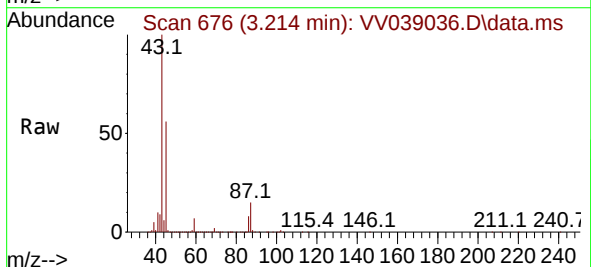
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

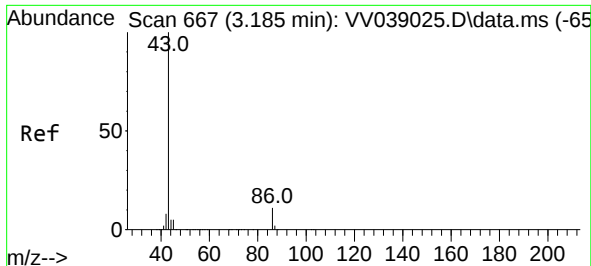
Tgt Ion: 96 Resp: 361757
Ion Ratio Lower Upper
96 100
61 141.4 110.1 165.1
98 63.4 50.2 75.4



#22
Diisopropyl ether
Concen: 58.924 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 45 Resp: 1237831
Ion Ratio Lower Upper
45 100
43 177.4 143.0 214.4
87 27.2 23.8 35.6
59 11.7 9.8 14.8

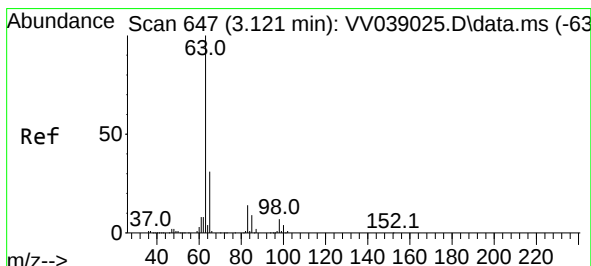
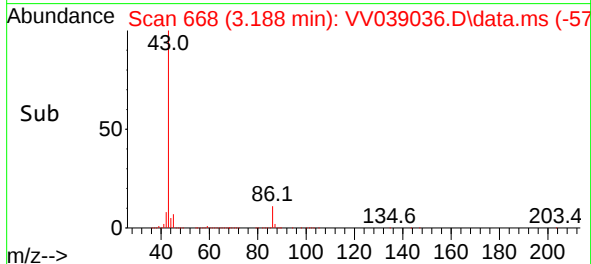
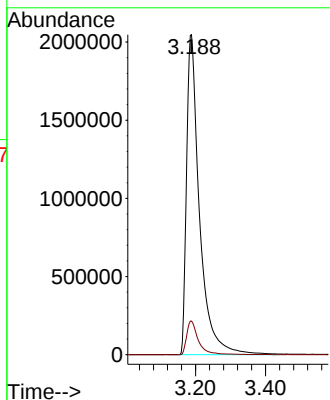
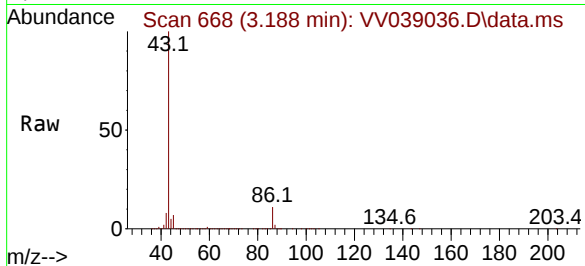




#23
 Vinyl Acetate
 Concen: 302.322 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

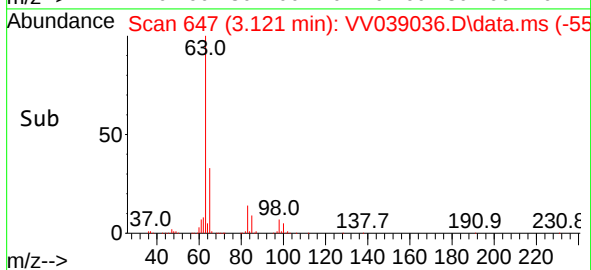
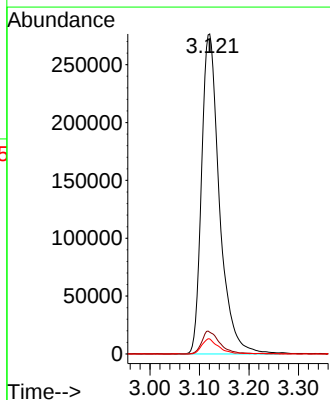
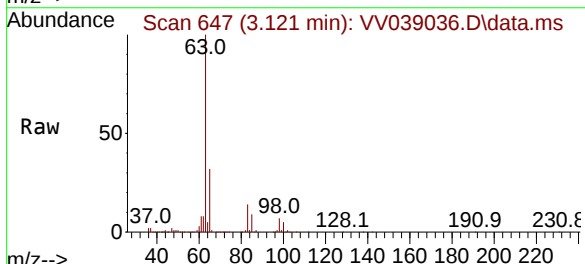
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

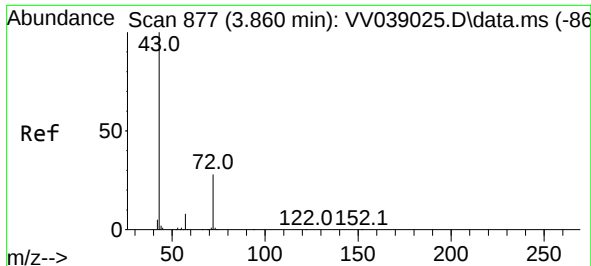
Tgt Ion: 43 Resp: 5264383
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 52.735 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

Tgt Ion: 63 Resp: 693994
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.6 2.2 6.6

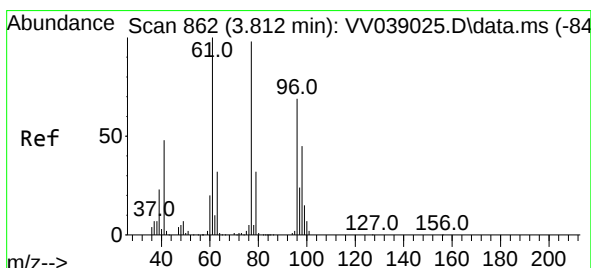
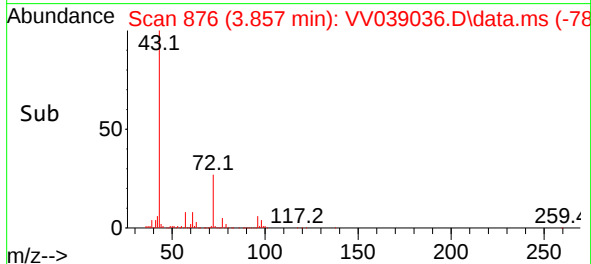
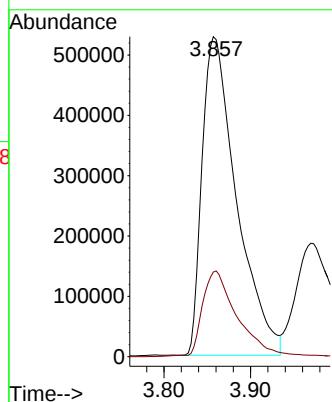
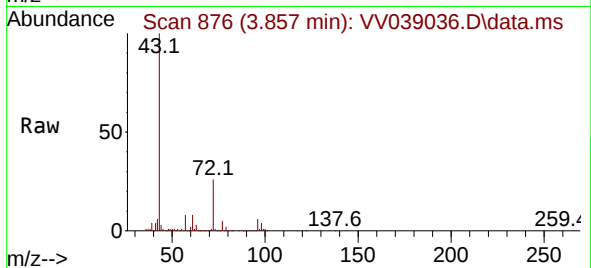




#25
2-Butanone
Concen: 275.957 ug/l
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

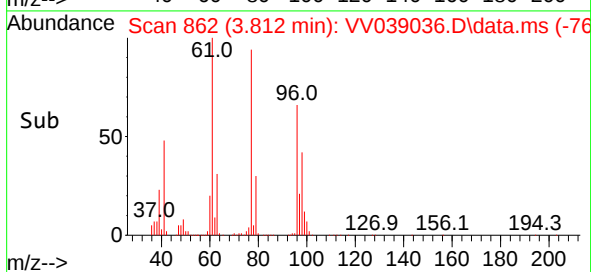
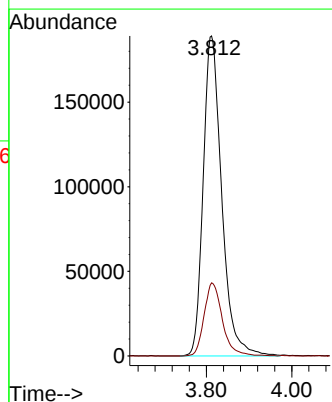
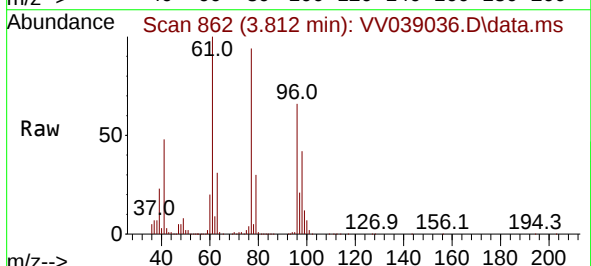
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

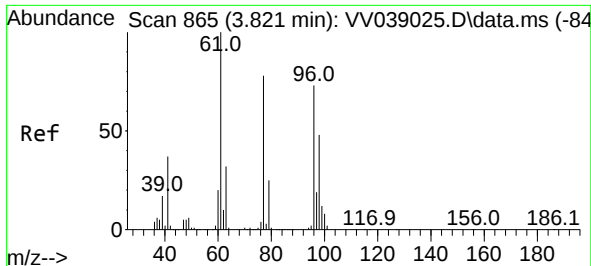
Tgt Ion: 43 Resp: 1461189
Ion Ratio Lower Upper
43 100
72 26.1 22.6 33.8



#26
2,2-Dichloropropane
Concen: 50.364 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 77 Resp: 569753
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.4

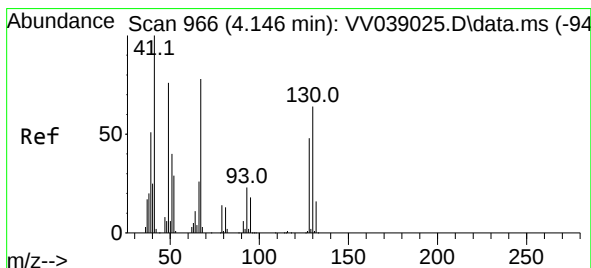
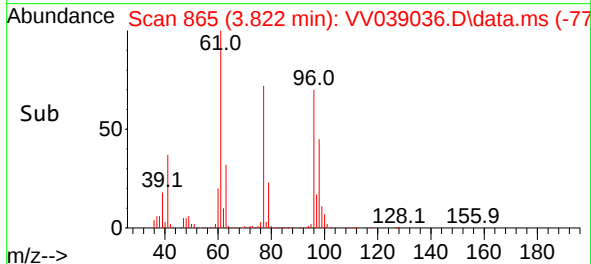
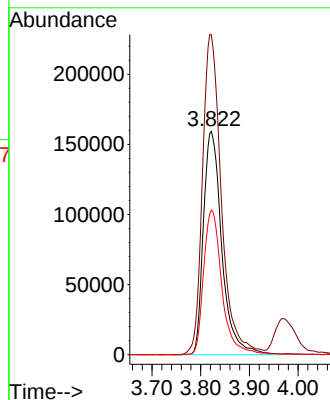
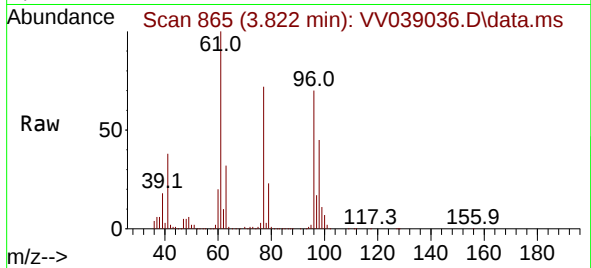




#27
 cis-1,2-Dichloroethene
 Concen: 51.260 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

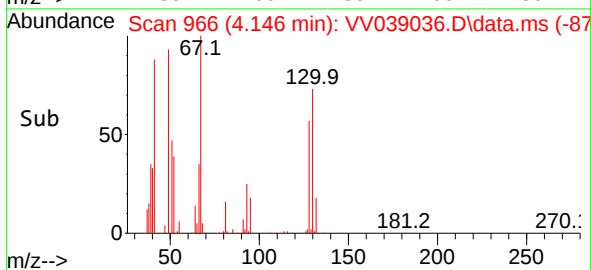
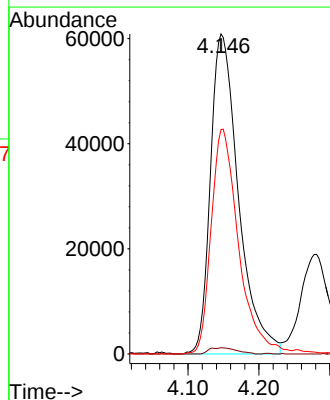
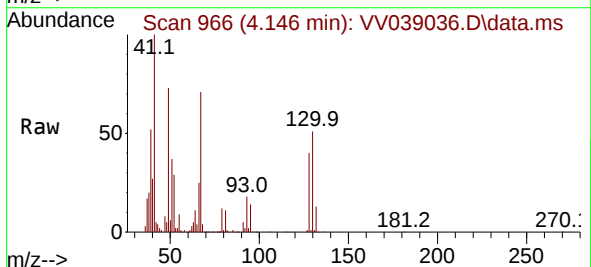
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

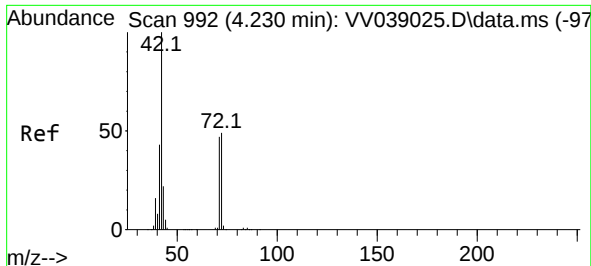
Tgt Ion: 96 Resp: 417612
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 280.8
 98 64.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 57.786 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

Tgt Ion: 49 Resp: 167308
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.4
 130 68.8 64.9 97.3





#29

Tetrahydrofuran

Concen: 288.402 ug/l

RT: 4.230 min Scan# 992

Delta R.T. -0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

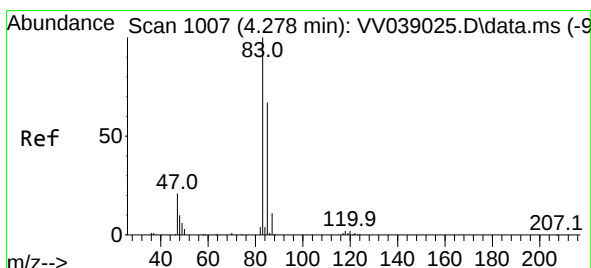
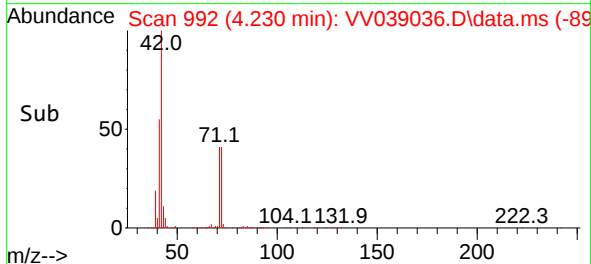
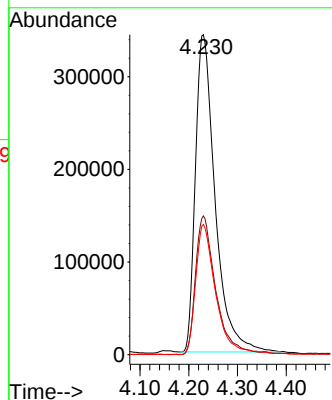
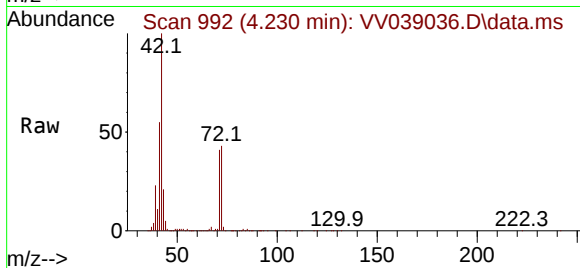
Tgt Ion: 42 Resp: 965414

Ion Ratio Lower Upper

42 100

72 44.2 39.0 58.4

71 41.9 37.0 55.6



#30

Chloroform

Concen: 51.708 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039036.D

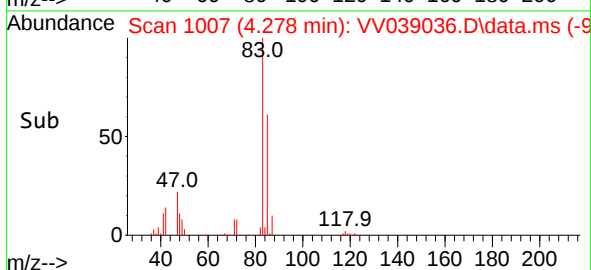
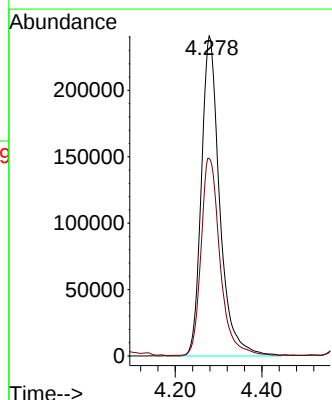
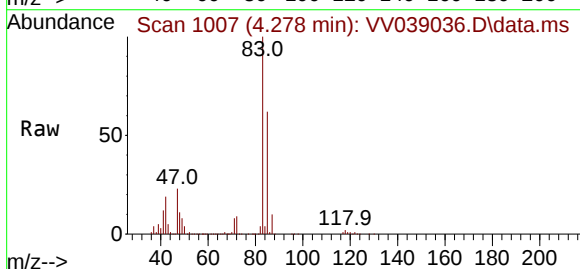
Acq: 25 Aug 2025 16:36

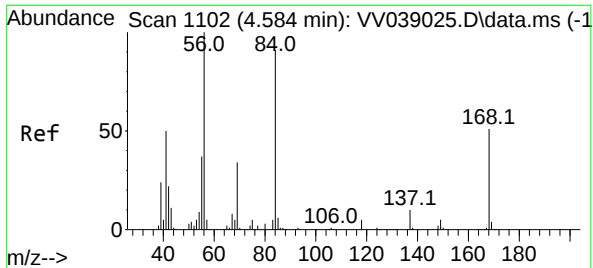
Tgt Ion: 83 Resp: 707774

Ion Ratio Lower Upper

83 100

85 61.6 53.2 79.8

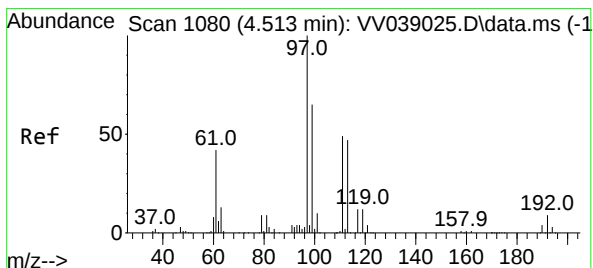
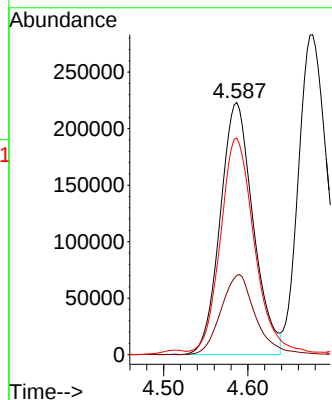
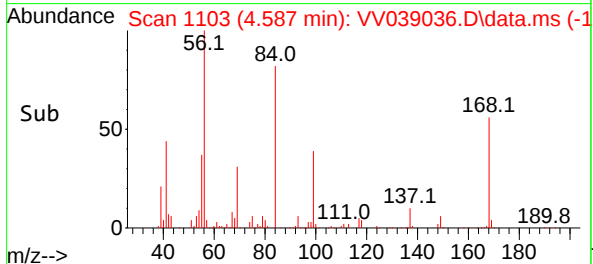
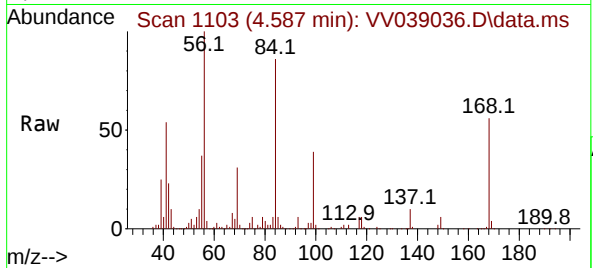




#31
Cyclohexane
Concen: 52.008 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

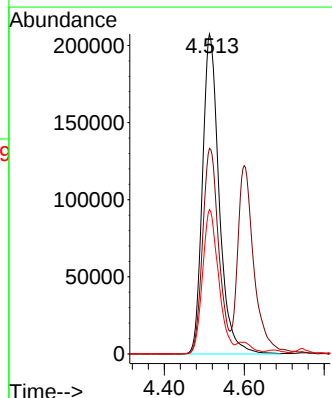
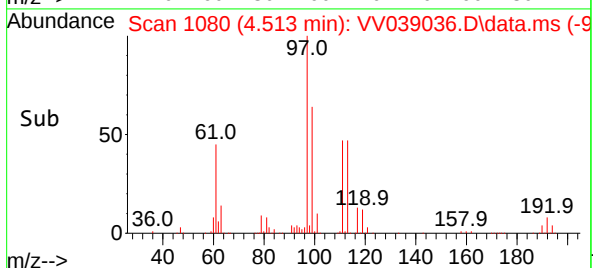
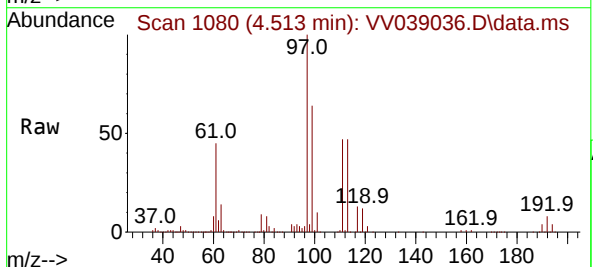
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

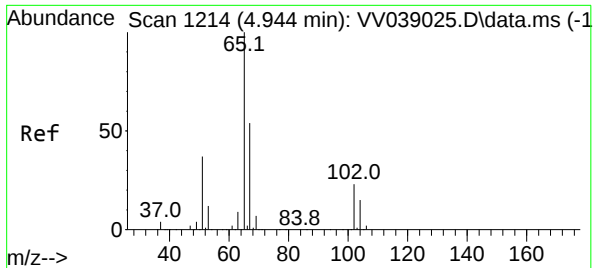
Tgt Ion: 56 Resp: 605312
Ion Ratio Lower Upper
56 100
69 31.5 27.0 40.4
84 84.3 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 50.006 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 97 Resp: 602495
Ion Ratio Lower Upper
97 100
99 61.7 49.8 74.6
61 43.6 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 50.604 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

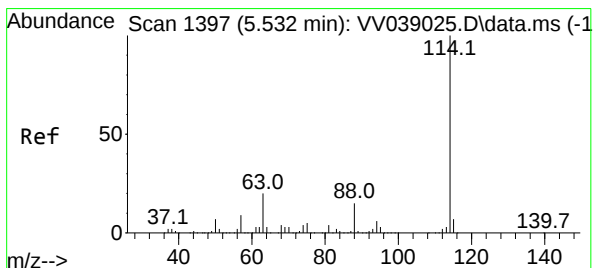
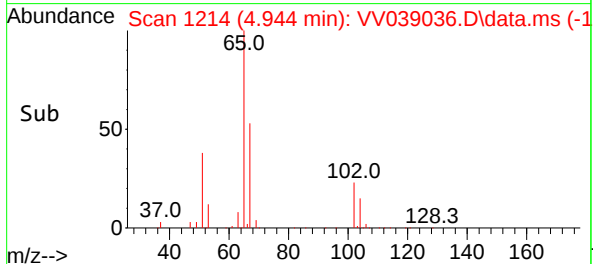
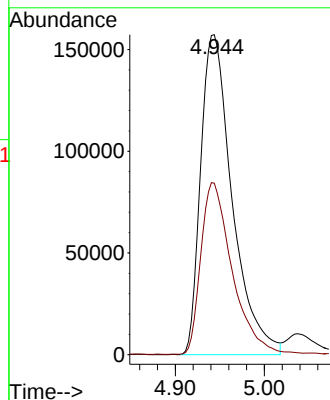
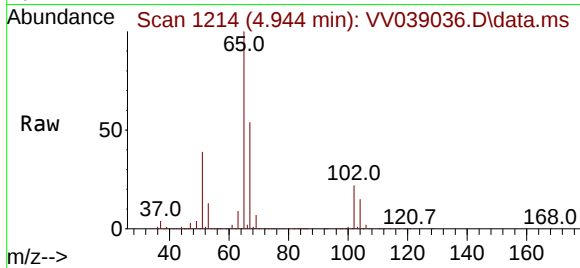
VSTDCCC050EC

Tgt Ion: 65 Resp: 387393

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

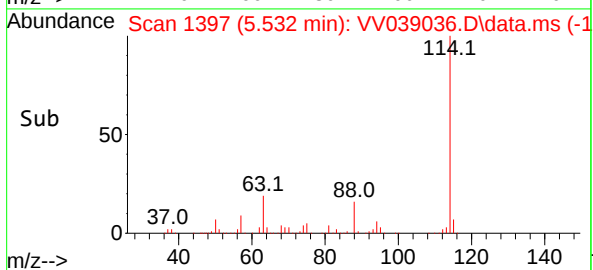
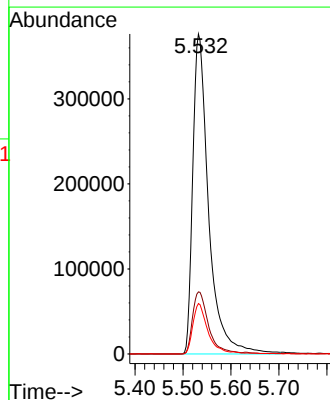
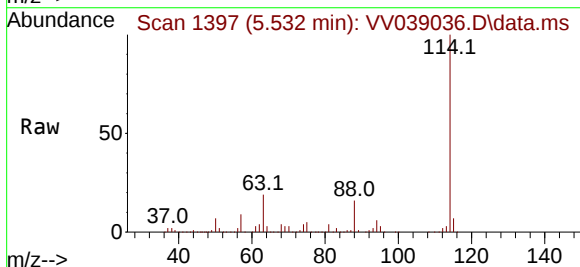
Tgt Ion: 114 Resp: 863234

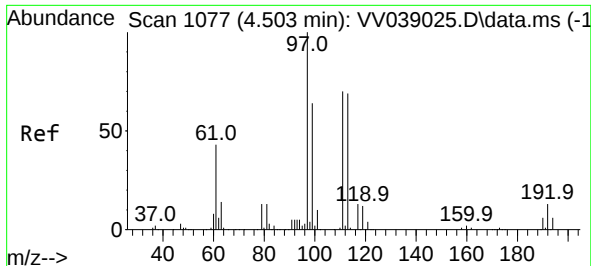
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 15.7 0.0 30.6

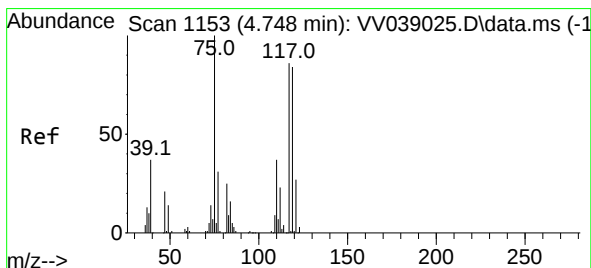
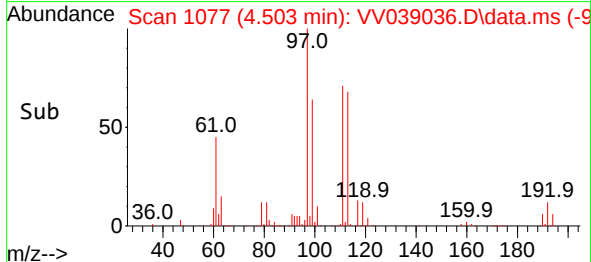
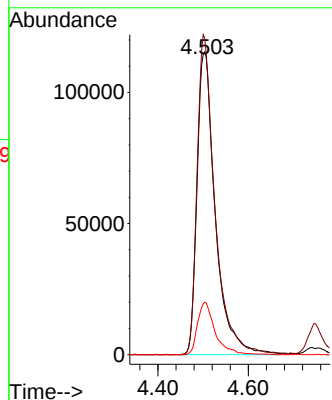
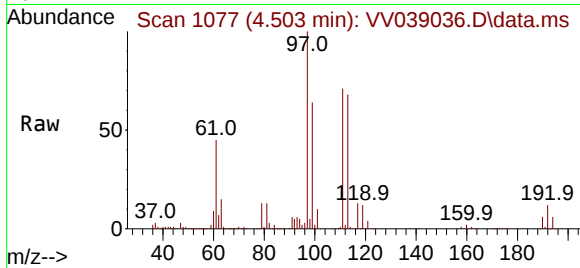




#35
Dibromofluoromethane
Concen: 52.074 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

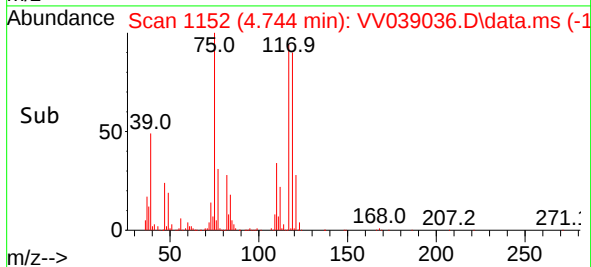
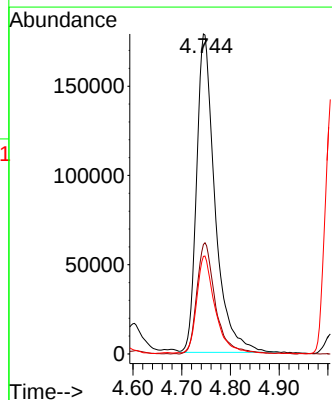
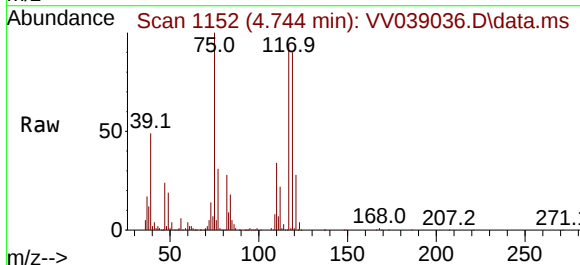
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

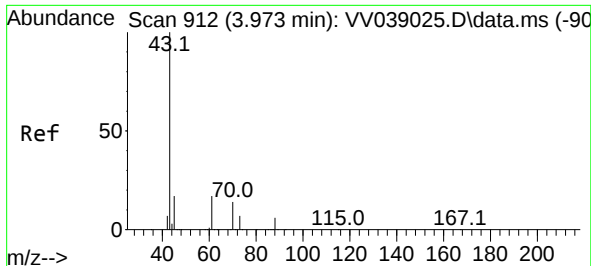
Tgt Ion:113 Resp: 323722
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 16.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 56.128 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 75 Resp: 468948
Ion Ratio Lower Upper
75 100
110 35.5 18.6 55.8
77 30.2 24.6 36.8





#37

Ethyl Acetate

Concen: 58.323 ug/l

RT: 3.970 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

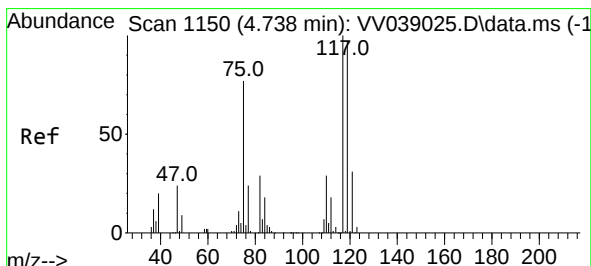
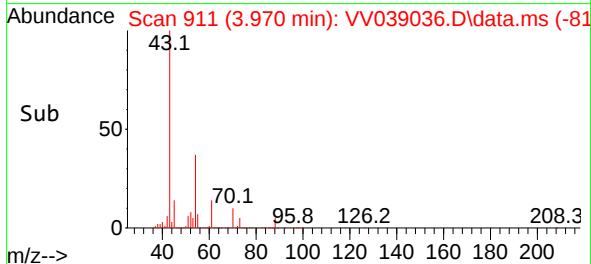
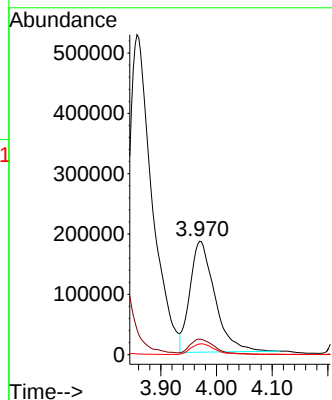
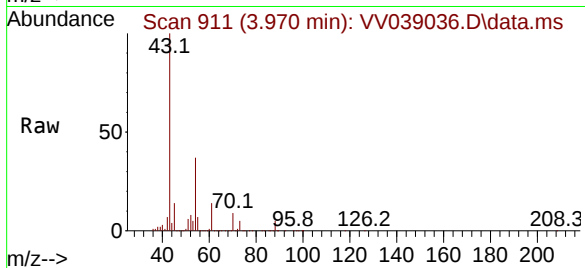
Tgt Ion: 43 Resp: 571946

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 9.4 8.6 13.0



#38

Carbon Tetrachloride

Concen: 51.014 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

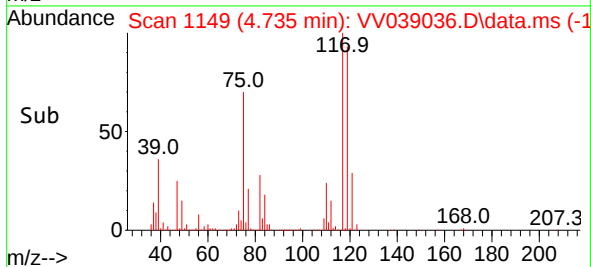
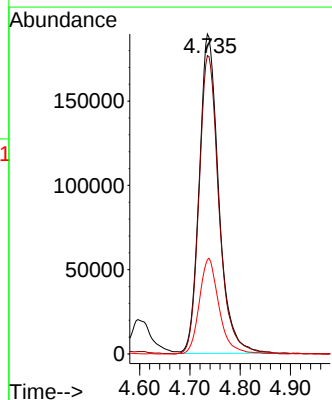
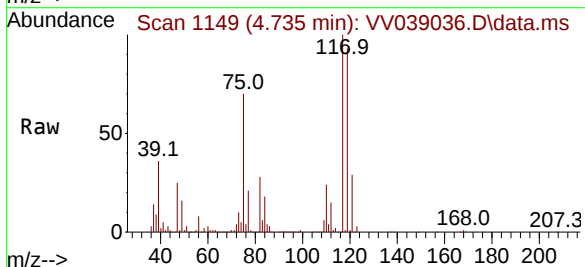
Tgt Ion: 117 Resp: 510390

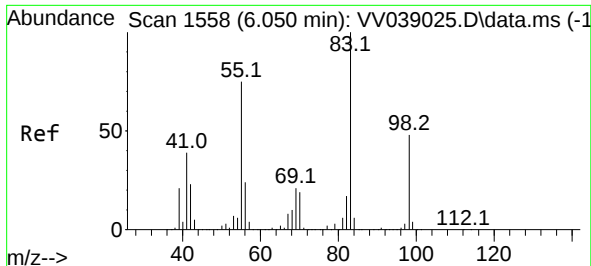
Ion Ratio Lower Upper

117 100

119 93.3 77.8 116.6

121 29.5 24.9 37.3





#39

Methylcyclohexane

Concen: 52.290 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

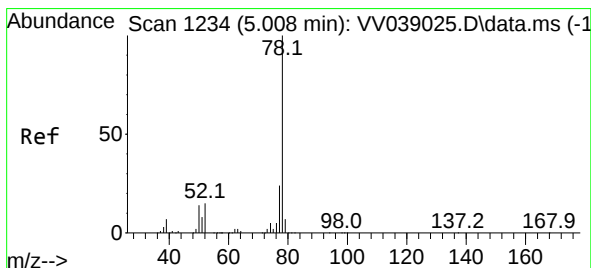
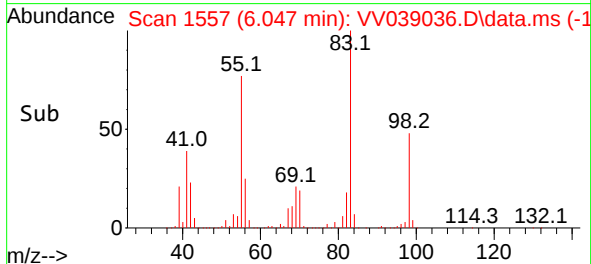
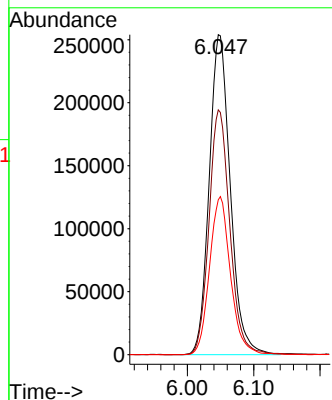
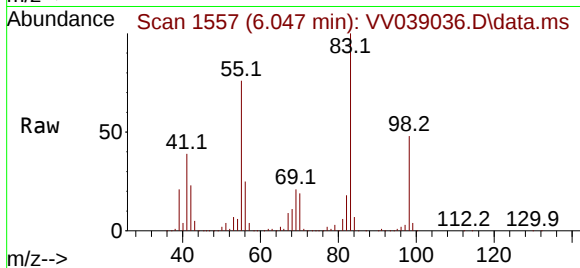
Tgt Ion: 83 Resp: 560830

Ion Ratio Lower Upper

83 100

55 76.4 59.8 89.6

98 48.4 38.2 57.2



#40

Benzene

Concen: 55.365 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039036.D

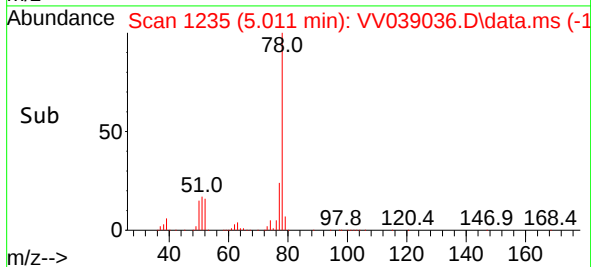
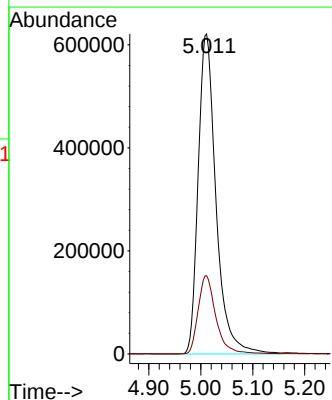
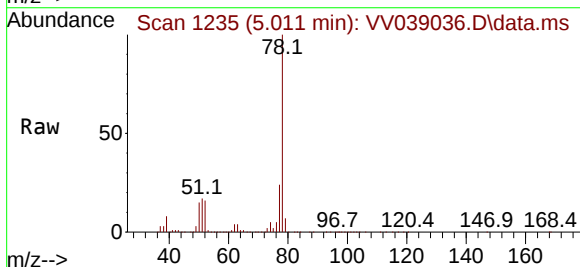
Acq: 25 Aug 2025 16:36

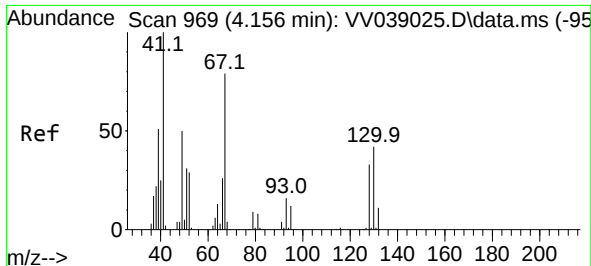
Tgt Ion: 78 Resp: 1478283

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

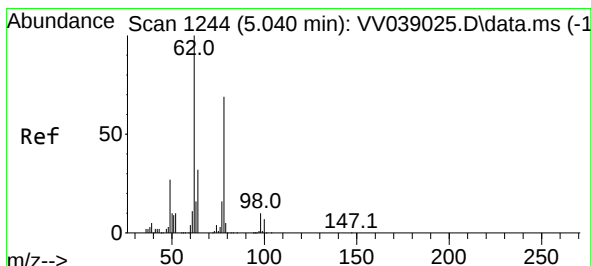
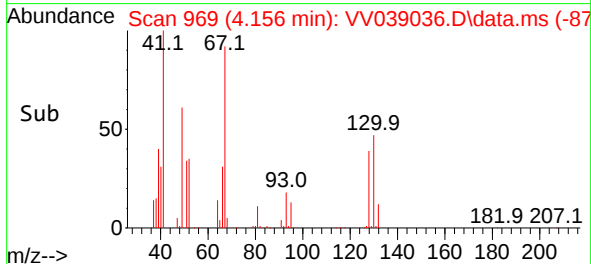
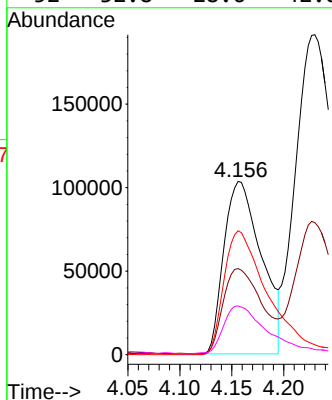
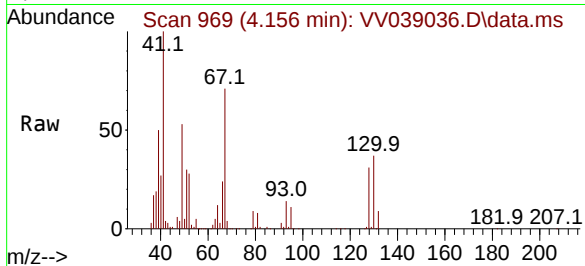




#41
Methacrylonitrile
Concen: 62.334 ug/l
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

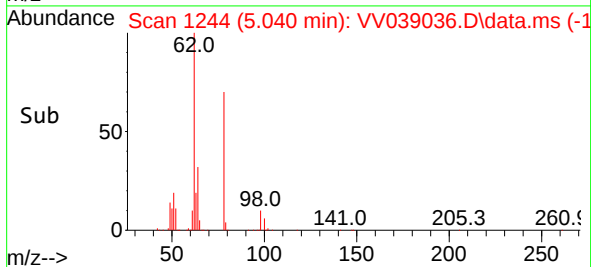
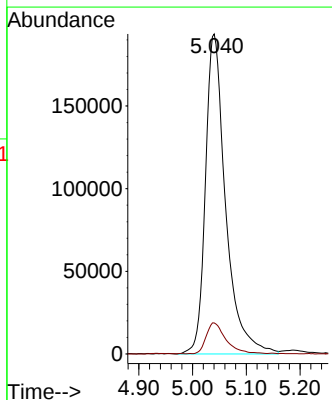
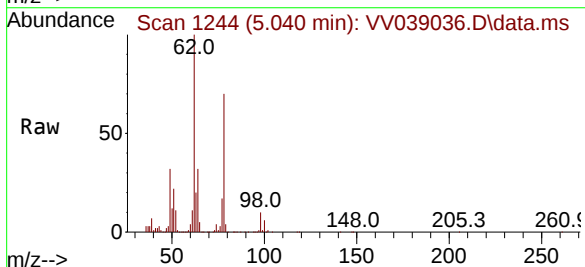
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

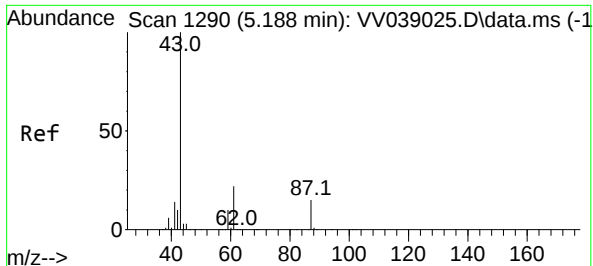
Tgt Ion: 41 Resp: 259236
Ion Ratio Lower Upper
41 100
39 51.3 42.7 64.1
67 88.1 74.5 111.7
52 32.8 28.6 42.8



#42
1,2-Dichloroethane
Concen: 54.285 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 62 Resp: 505414
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8

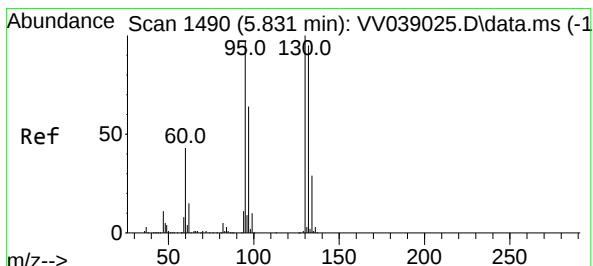
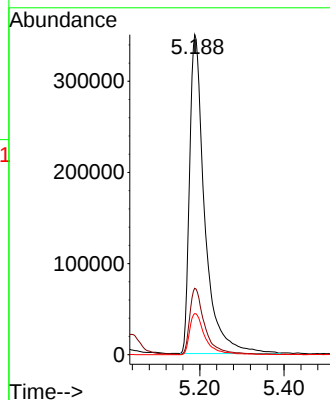
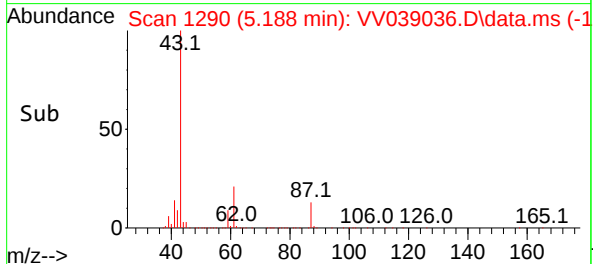
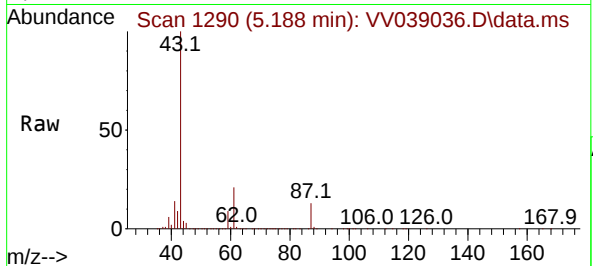




#43
Isopropyl Acetate
Concen: 62.407 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

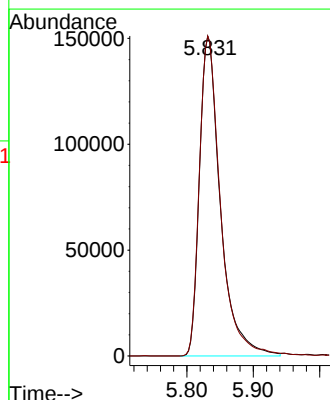
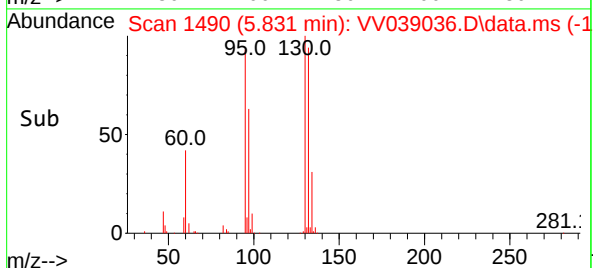
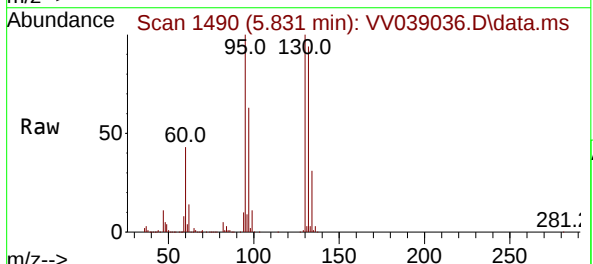
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

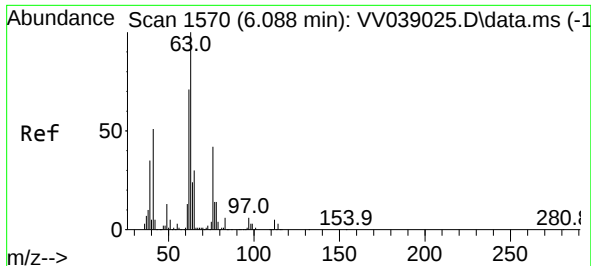
Tgt Ion: 43 Resp: 870746
Ion Ratio Lower Upper
43 100
61 20.6 16.6 25.0
87 13.3 11.7 17.5



#44
Trichloroethene
Concen: 49.407 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:130 Resp: 331226
Ion Ratio Lower Upper
130 100
95 100.1 0.0 194.4





#45

1,2-Dichloropropane

Concen: 50.209 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

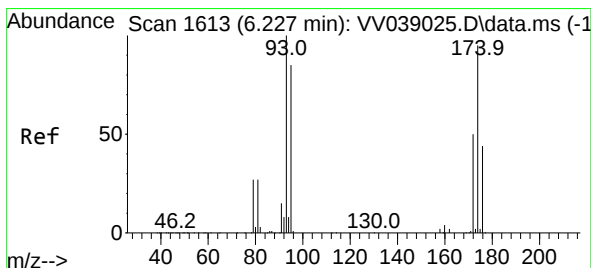
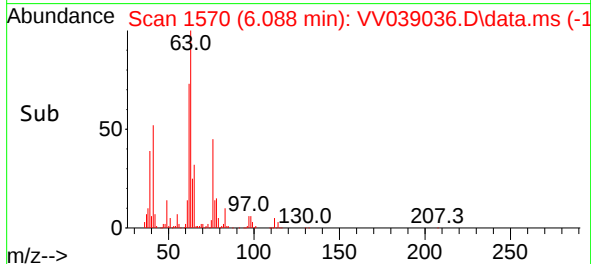
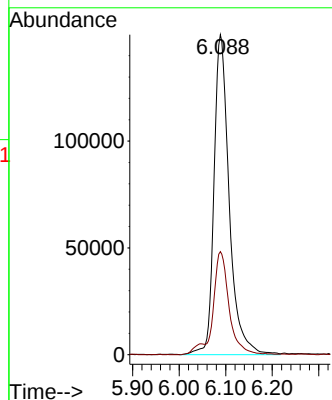
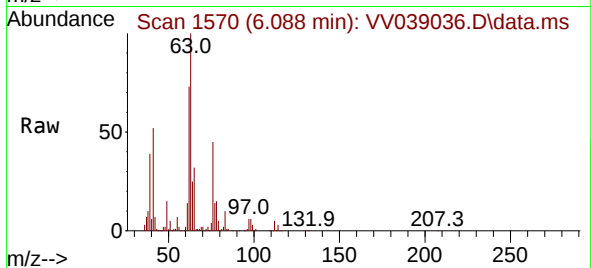
VSTDCCC050EC

Tgt Ion: 63 Resp: 340816

Ion Ratio Lower Upper

63 100

65 32.2 24.2 36.4



#46

Dibromomethane

Concen: 48.697 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

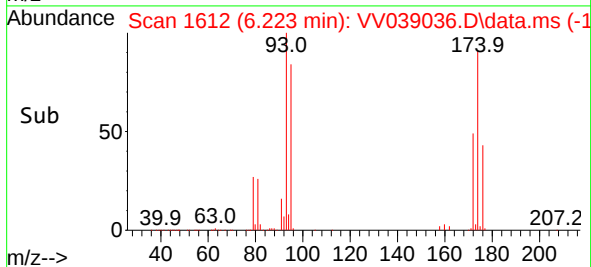
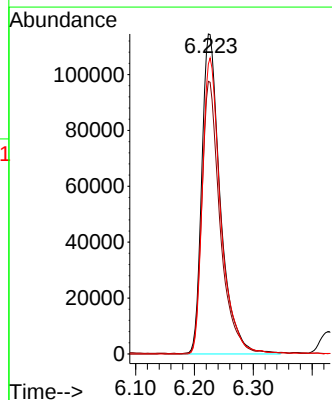
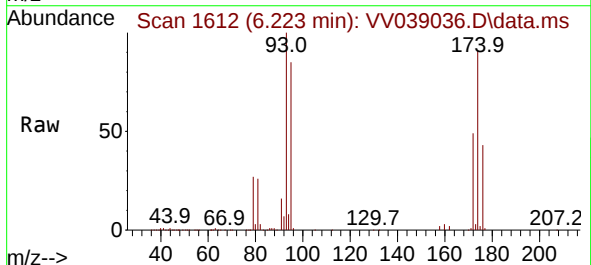
Tgt Ion: 93 Resp: 250683

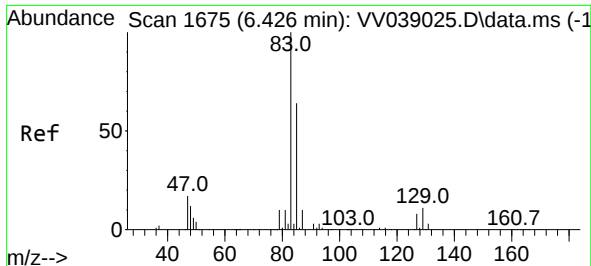
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 91.3 73.5 110.3

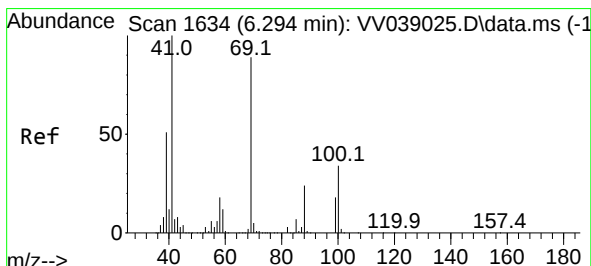
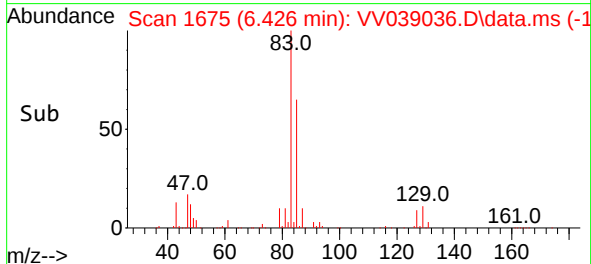
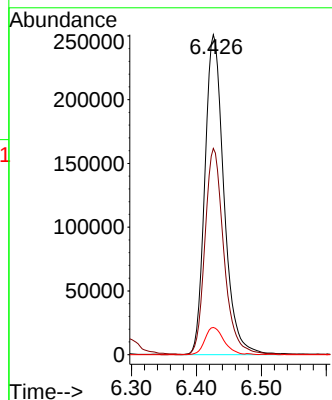
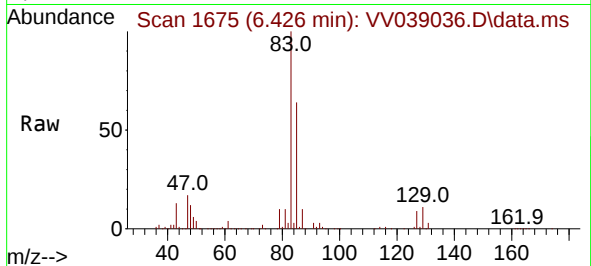




#47
Bromodichloromethane
Concen: 48.362 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

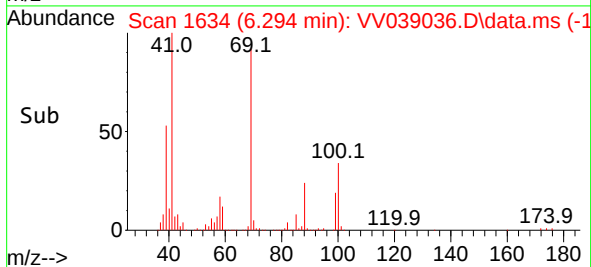
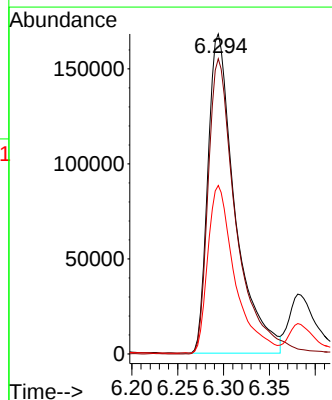
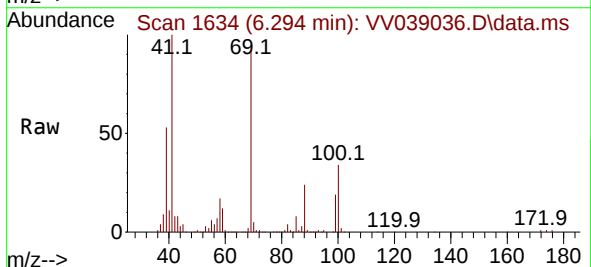
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

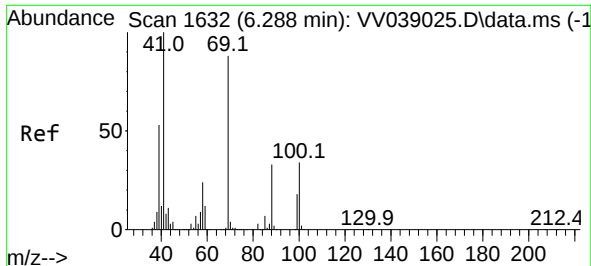
Tgt Ion: 83 Resp: 512971
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 50.681 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 41 Resp: 345187
Ion Ratio Lower Upper
41 100
69 95.9 73.5 110.3
39 52.1 41.3 61.9





#49

1,4-Dioxane

Concen: 911.825 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

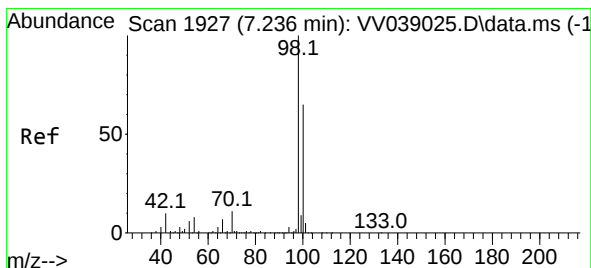
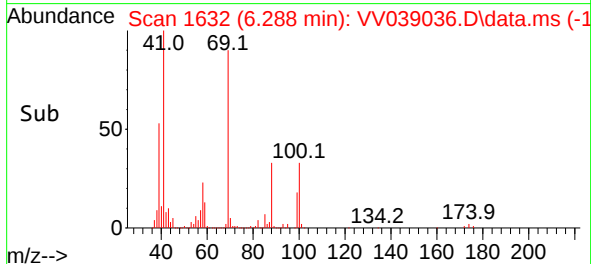
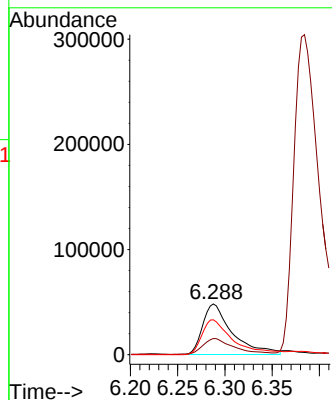
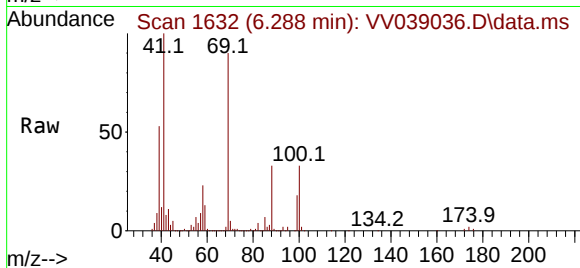
Tgt Ion: 88 Resp: 104998

Ion Ratio Lower Upper

88 100

43 33.0 25.4 38.2

58 72.6 58.4 87.6



#50

Toluene-d8

Concen: 48.389 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039036.D

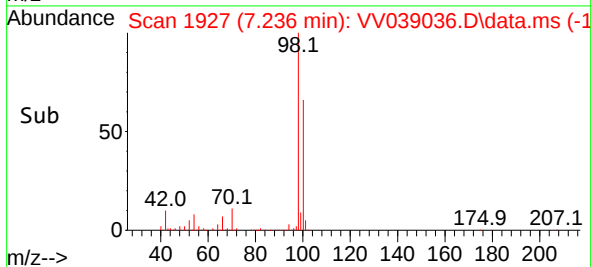
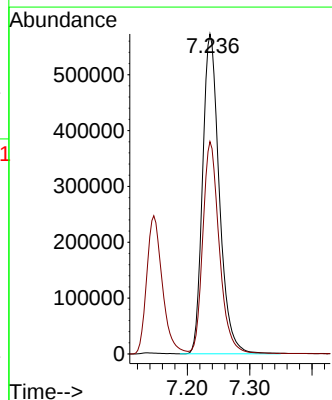
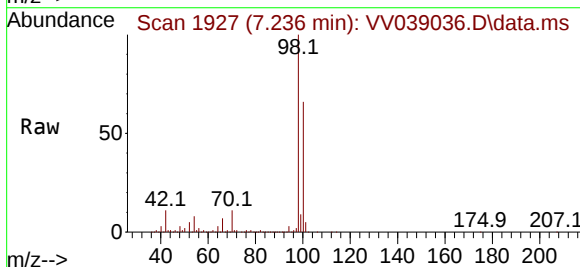
Acq: 25 Aug 2025 16:36

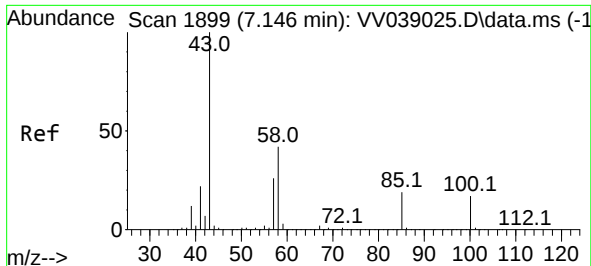
Tgt Ion: 98 Resp: 1065106

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0

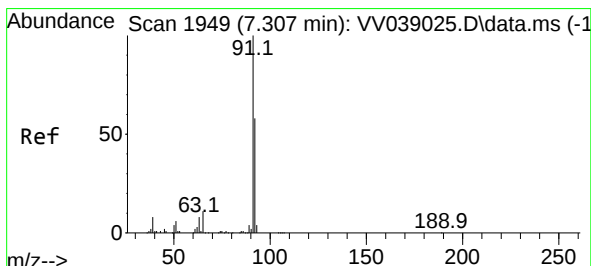
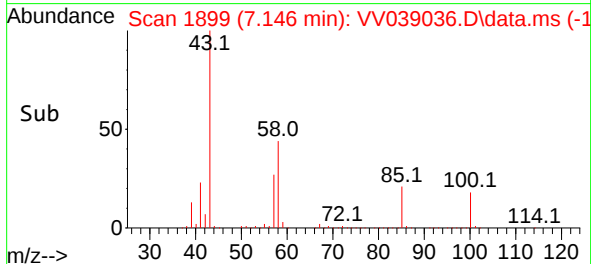
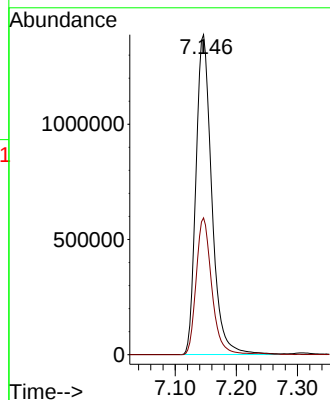
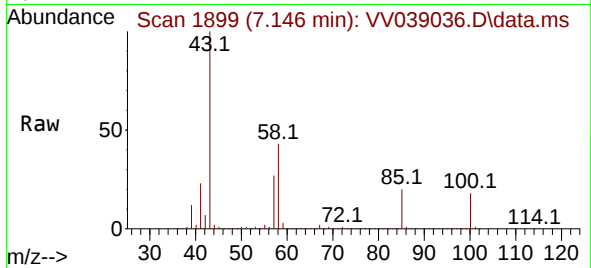




#51
4-Methyl-2-Pentanone
Concen: 254.559 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

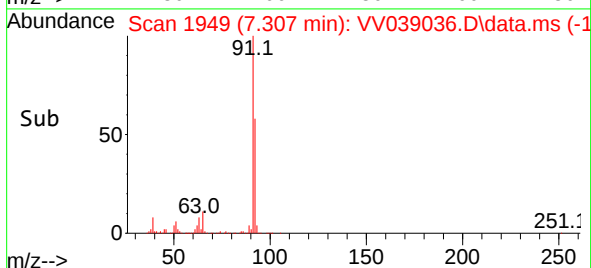
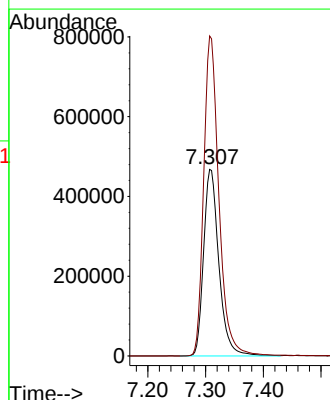
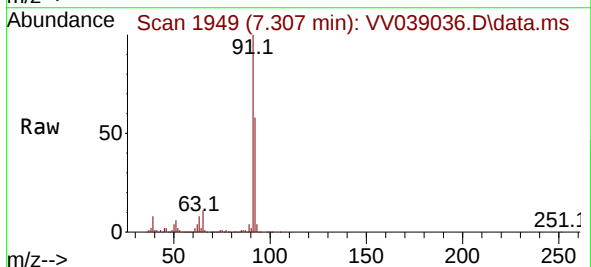
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

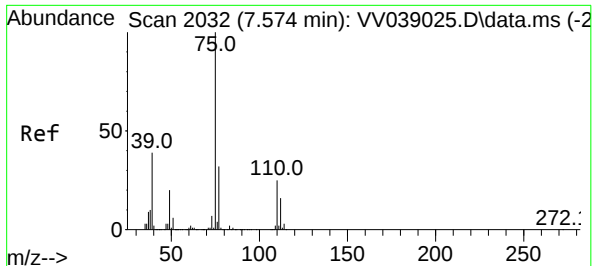
Tgt Ion: 43 Resp: 2498274
Ion Ratio Lower Upper
43 100
58 42.0 33.2 49.8



#52
Toluene
Concen: 50.422 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 92 Resp: 858678
Ion Ratio Lower Upper
92 100
91 170.7 137.8 206.8

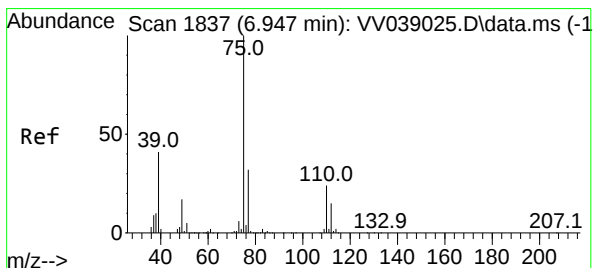
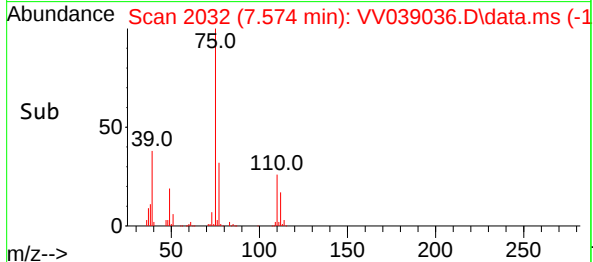
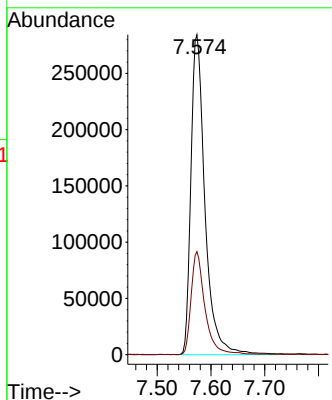
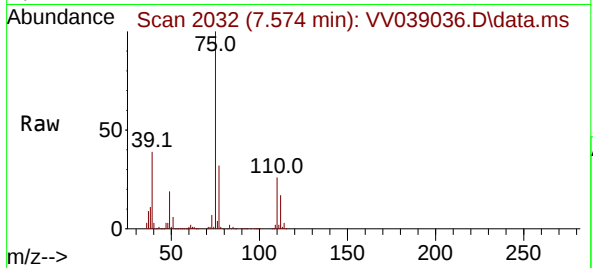




#53
 t-1,3-Dichloropropene
 Concen: 50.825 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

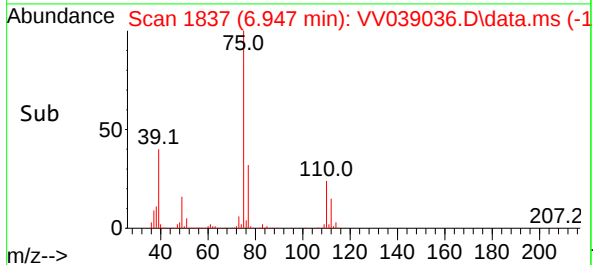
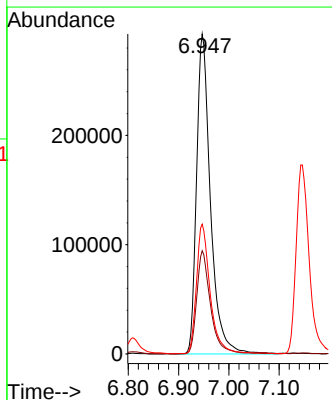
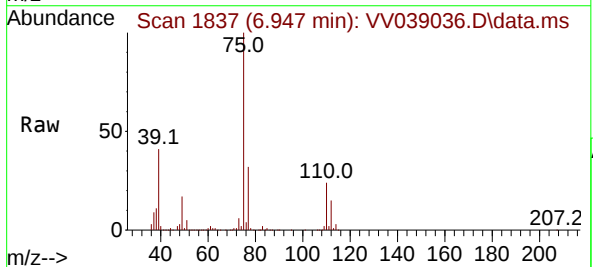
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

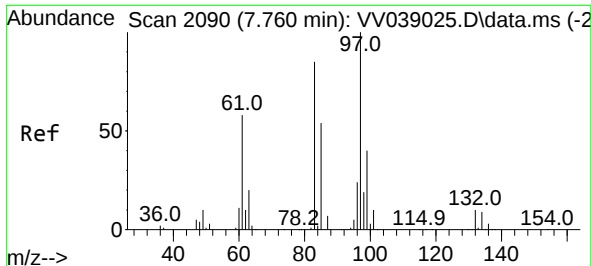
Tgt Ion: 75 Resp: 517524
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.373 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

Tgt Ion: 75 Resp: 561945
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 40.4 32.5 48.7

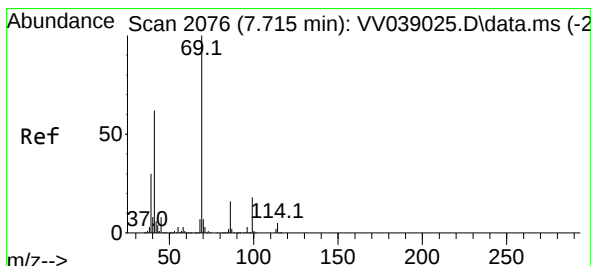
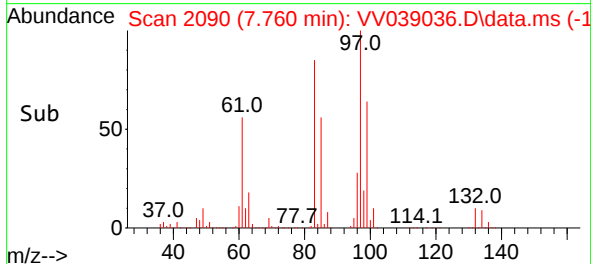
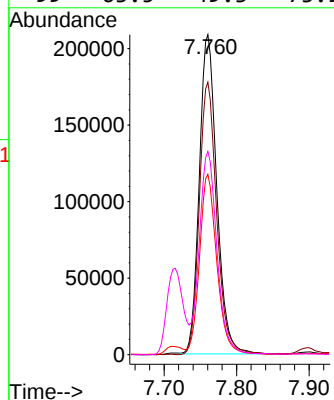
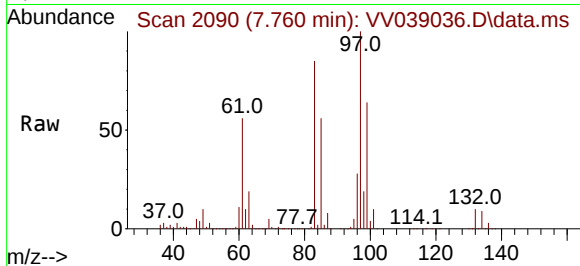




#55
 1,1,2-Trichloroethane
 Concen: 49.153 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

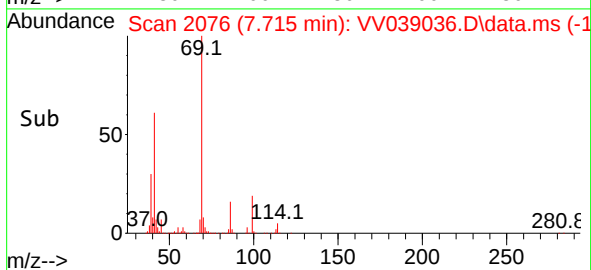
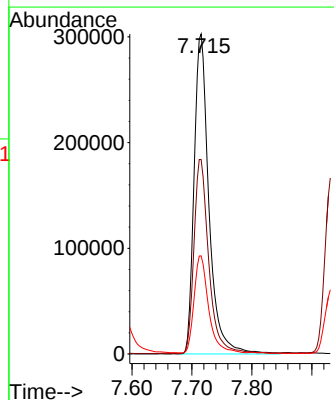
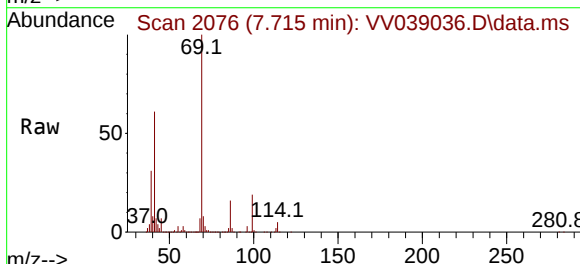
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

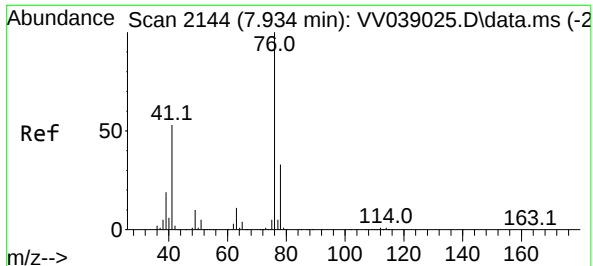
Tgt Ion:	97	Resp:	349229
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	56.3	44.5	66.7
99	63.5	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 55.366 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

Tgt Ion:	69	Resp:	521760
Ion	Ratio	Lower	Upper
69	100		
41	60.6	49.4	74.2
39	29.6	24.0	36.0





#57

1,3-Dichloropropane

Concen: 49.824 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

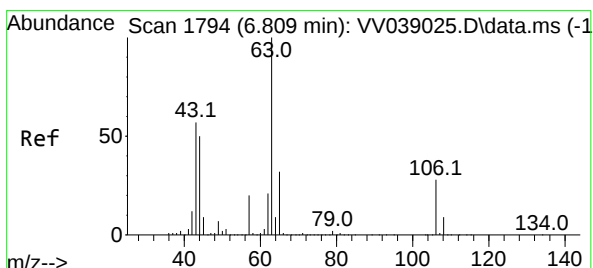
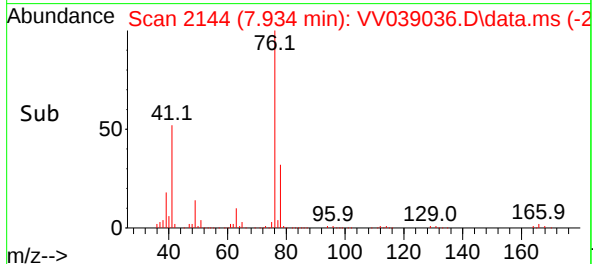
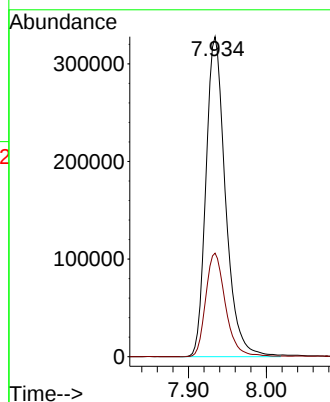
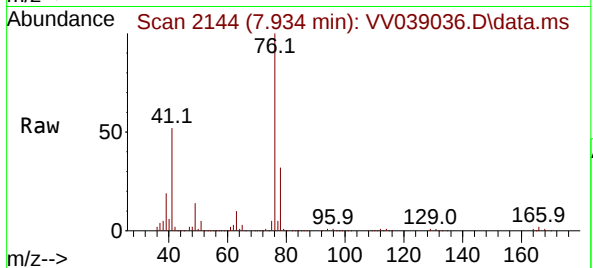
VSTDCCC050EC

Tgt Ion: 76 Resp: 571453

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 242.863 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039036.D

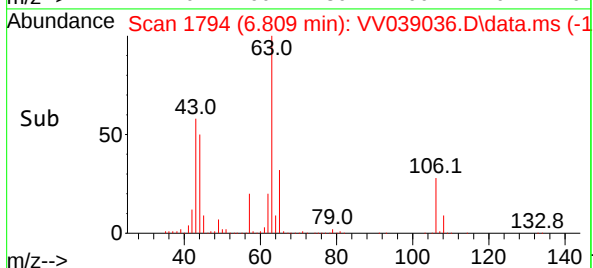
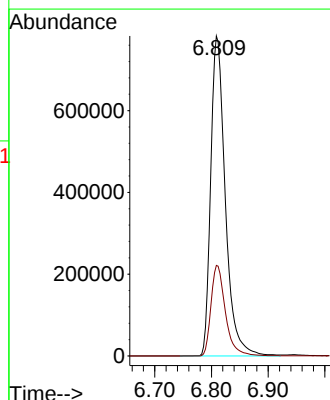
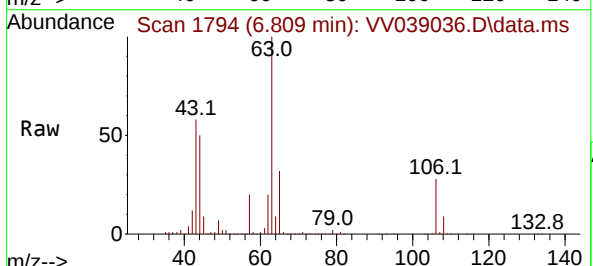
Acq: 25 Aug 2025 16:36

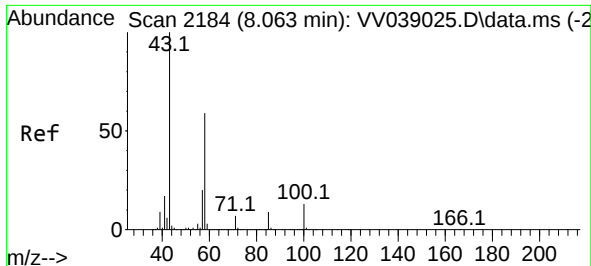
Tgt Ion: 63 Resp: 1398636

Ion Ratio Lower Upper

63 100

106 28.1 22.3 33.5

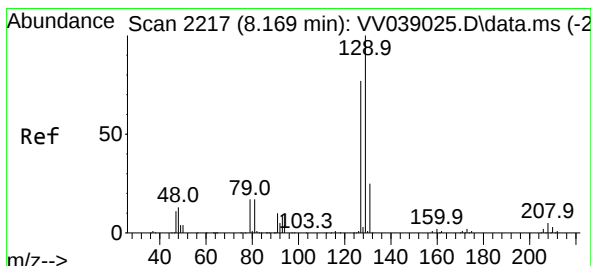
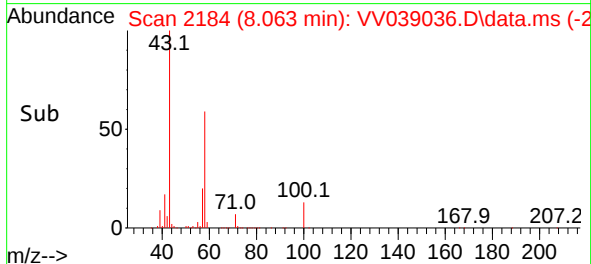
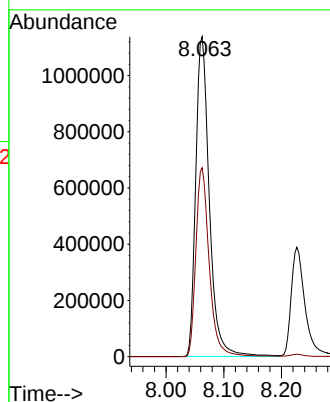
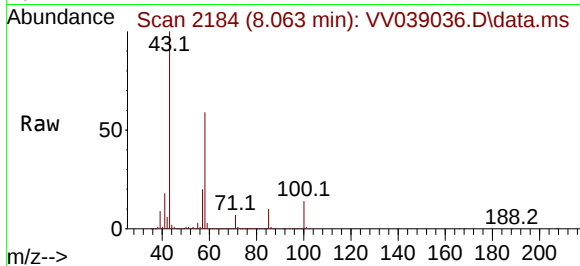




#59
2-Hexanone
Concen: 254.891 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

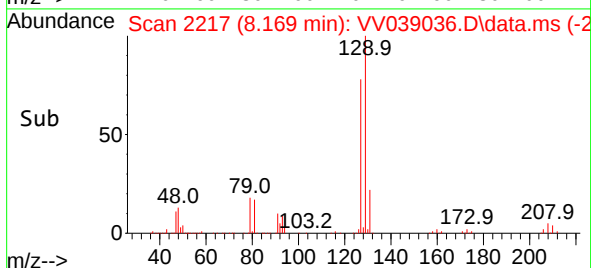
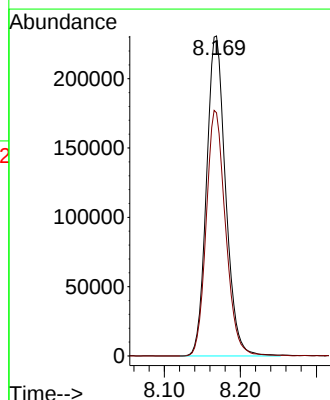
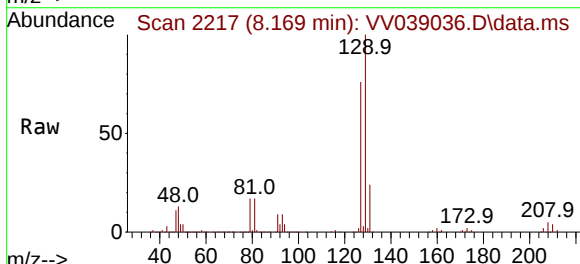
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

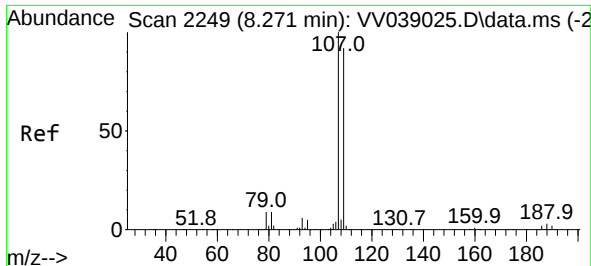
Tgt Ion: 43 Resp: 1856132
Ion Ratio Lower Upper
43 100
58 58.5 28.8 86.4



#60
Dibromochloromethane
Concen: 48.960 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 129 Resp: 402416
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

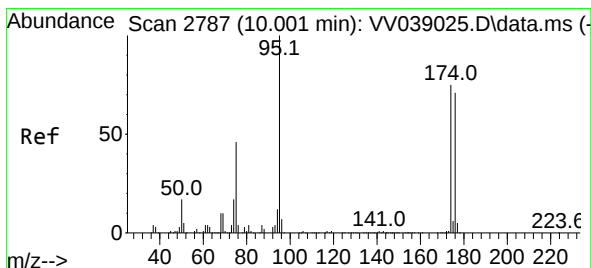
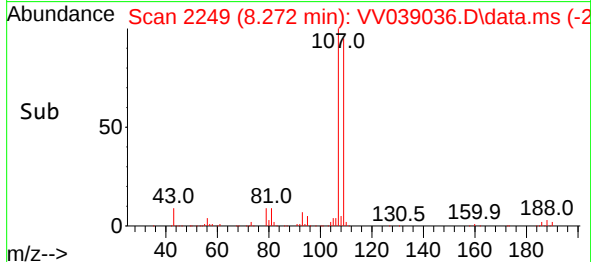
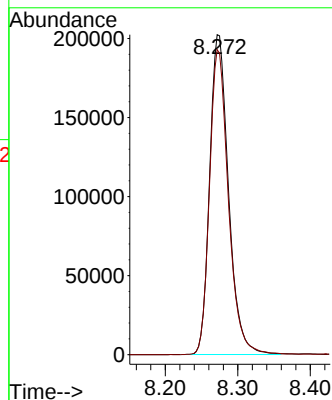
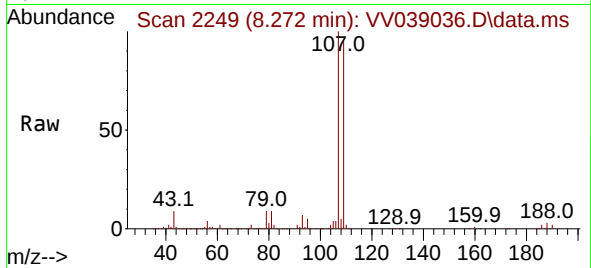




#61
1,2-Dibromoethane
Concen: 49.850 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

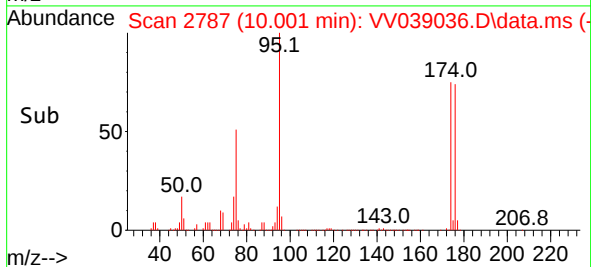
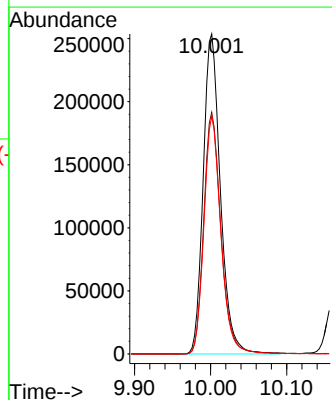
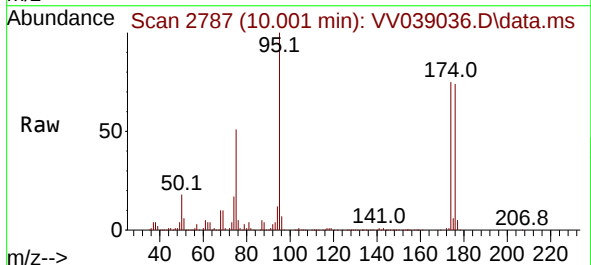
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

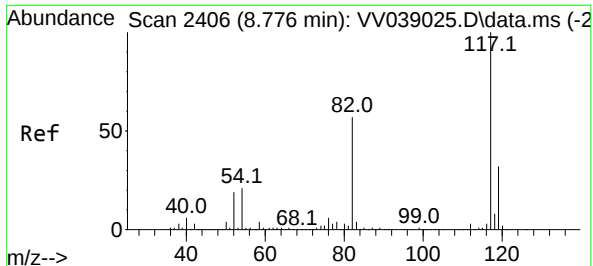
Tgt Ion:107 Resp: 365551
Ion Ratio Lower Upper
107 100
109 95.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.409 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 95 Resp: 398493
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 73.1 0.0 144.2

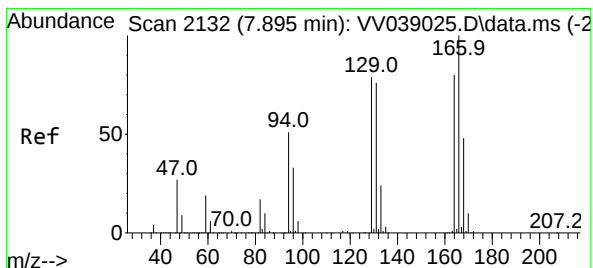
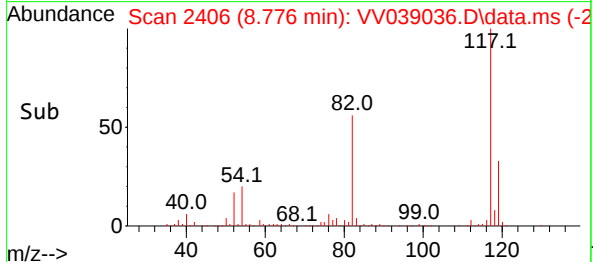
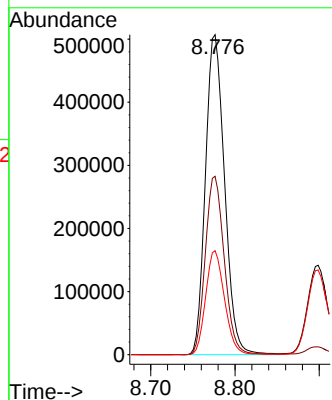
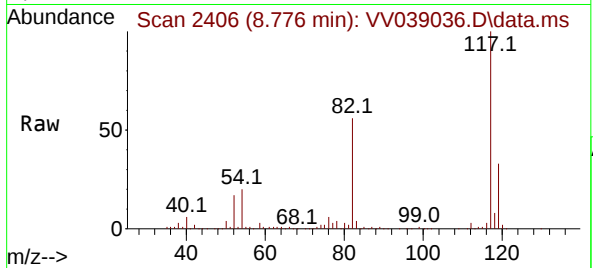




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

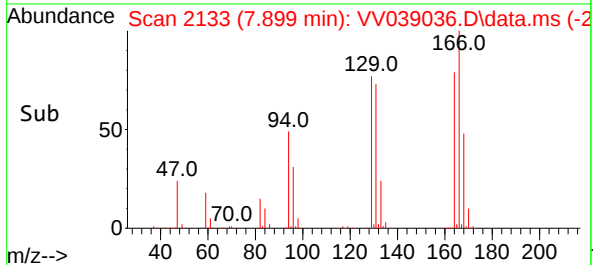
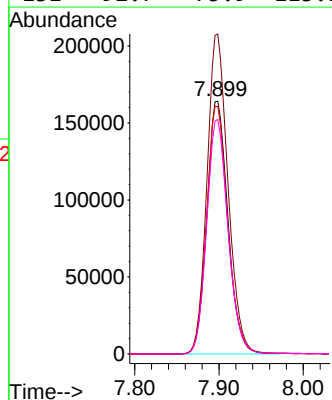
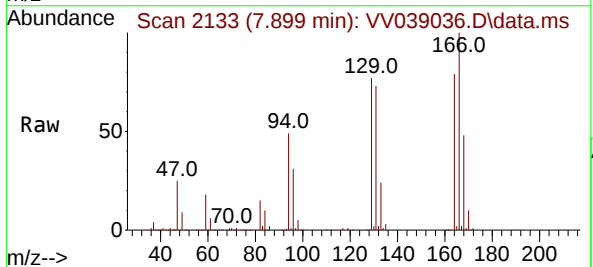
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

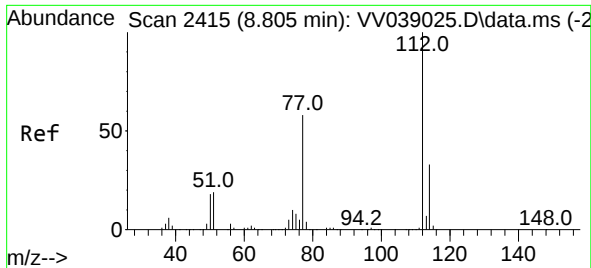
Tgt Ion:117 Resp: 802570
Ion Ratio Lower Upper
117 100
82 55.7 45.6 68.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 50.274 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:164 Resp: 286833
Ion Ratio Lower Upper
164 100
166 126.6 99.7 149.5
129 97.9 78.5 117.7
131 92.7 75.9 113.9

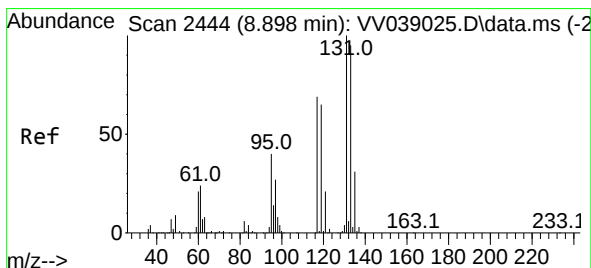
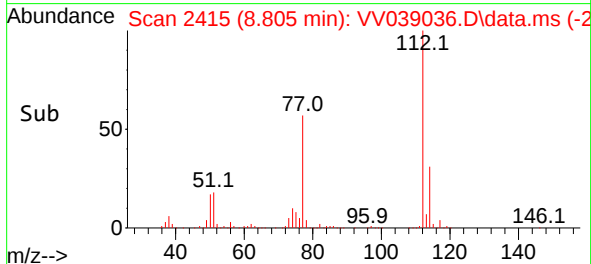
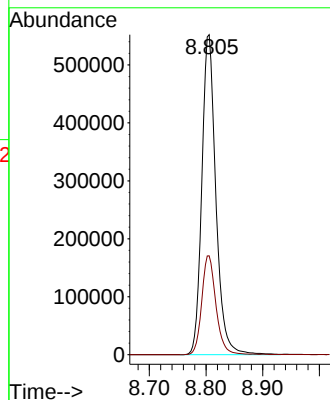
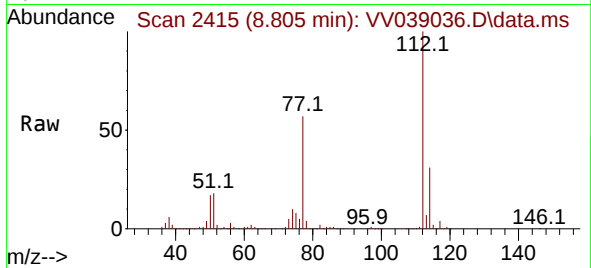




#65
Chlorobenzene
Concen: 49.434 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

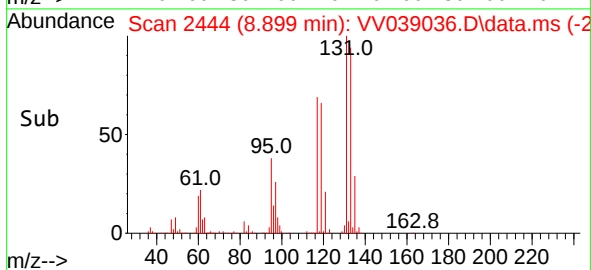
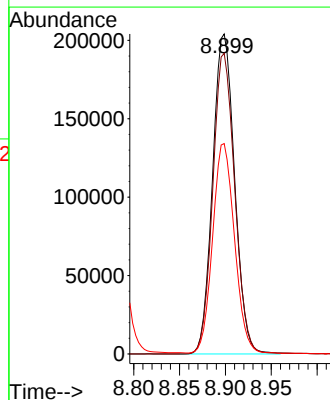
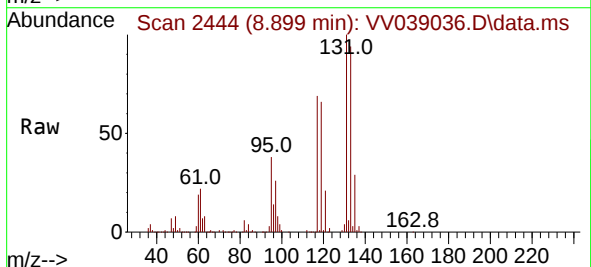
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

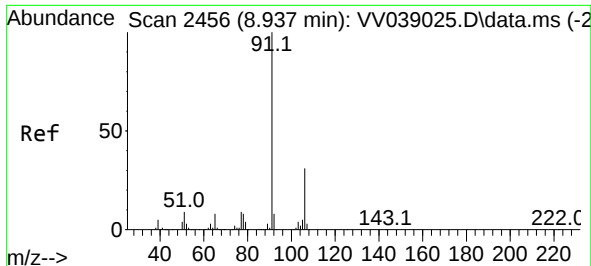
Tgt Ion:112 Resp: 949354
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.801 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:131 Resp: 340624
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.9
119 65.2 33.3 99.8





#67

Ethyl Benzene

Concen: 53.630 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

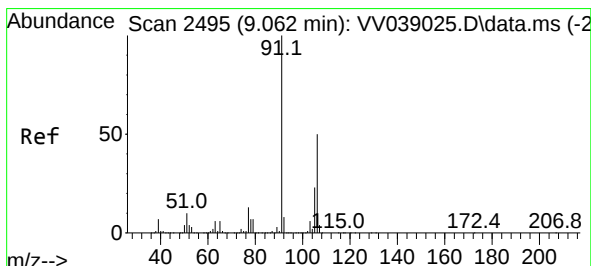
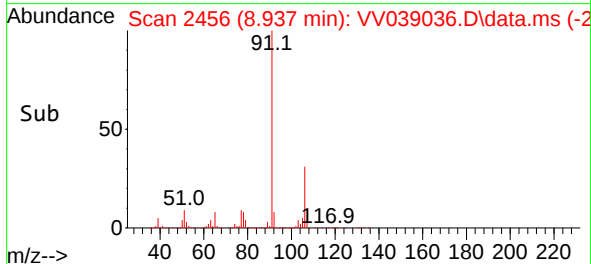
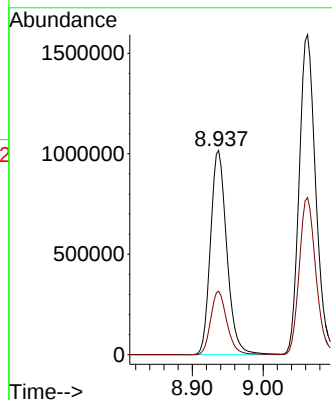
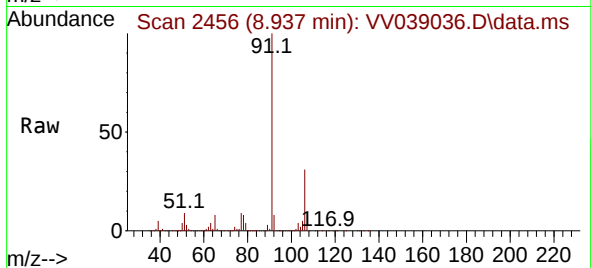
VSTDCCC050EC

Tgt Ion: 91 Resp: 1629454

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 109.128 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039036.D

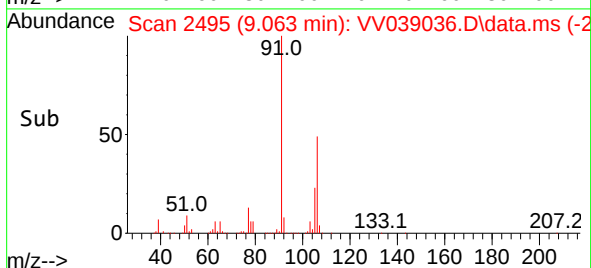
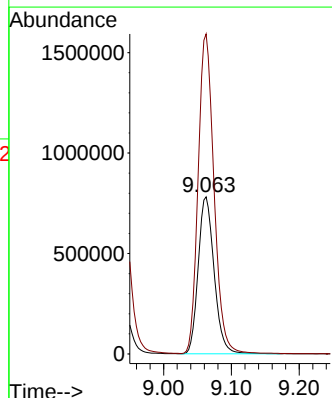
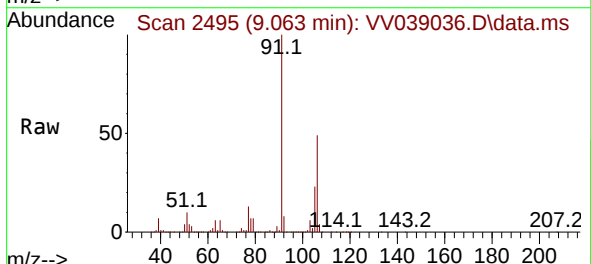
Acq: 25 Aug 2025 16:36

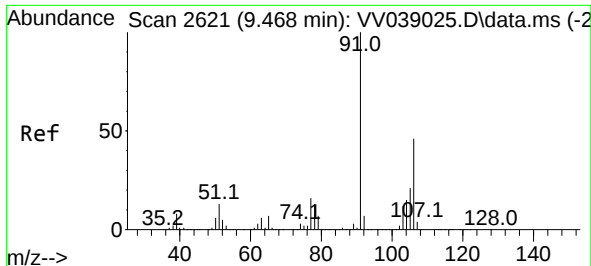
Tgt Ion:106 Resp: 1274846

Ion Ratio Lower Upper

106 100

91 203.7 162.4 243.6

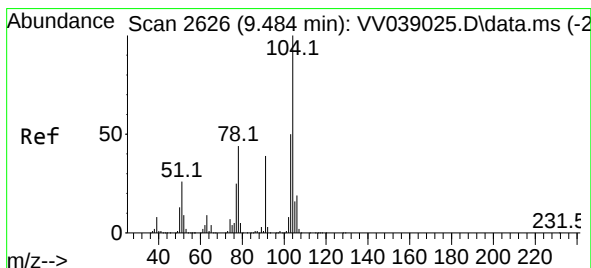
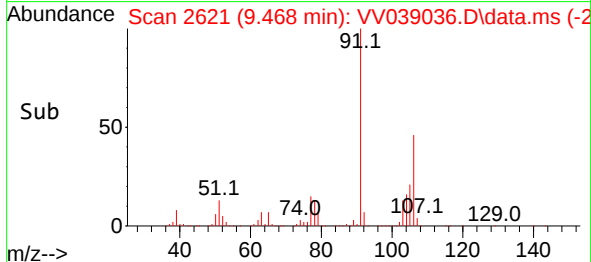
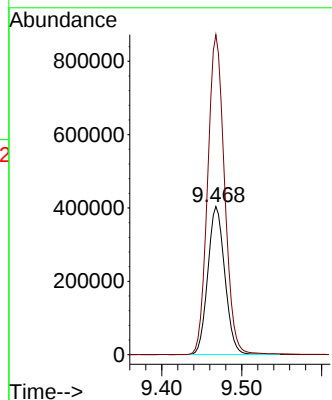
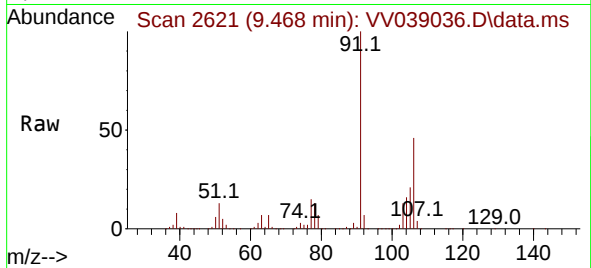




#69
o-Xylene
Concen: 55.874 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

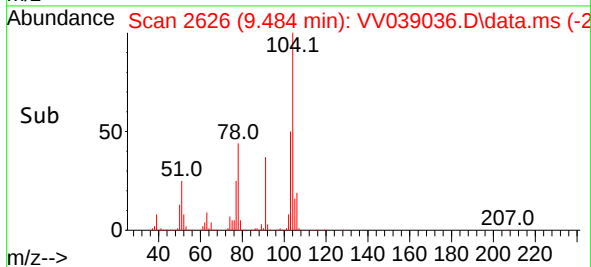
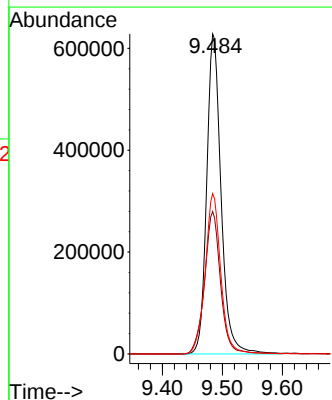
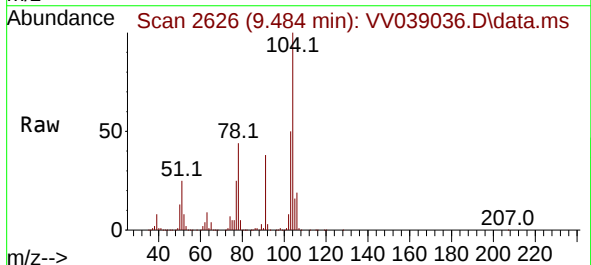
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

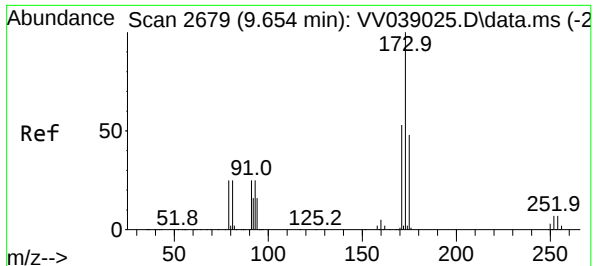
Tgt Ion:106 Resp: 597618
Ion Ratio Lower Upper
106 100
91 214.9 106.7 320.1



#70
Styrene
Concen: 55.694 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:104 Resp: 1049441
Ion Ratio Lower Upper
104 100
78 49.7 39.3 58.9
103 54.6 43.2 64.8

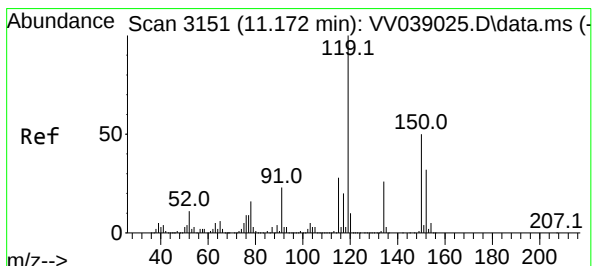
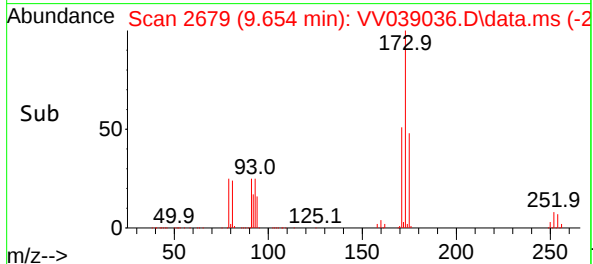
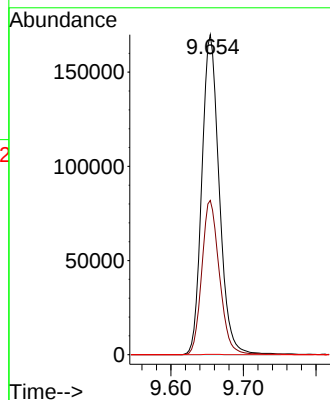
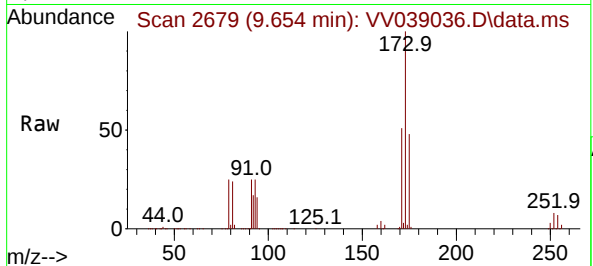




#71
Bromoform
Concen: 52.199 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

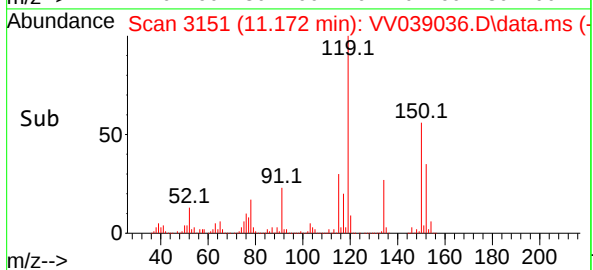
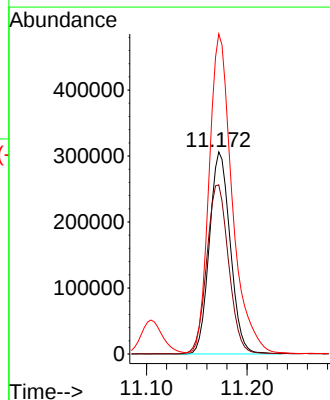
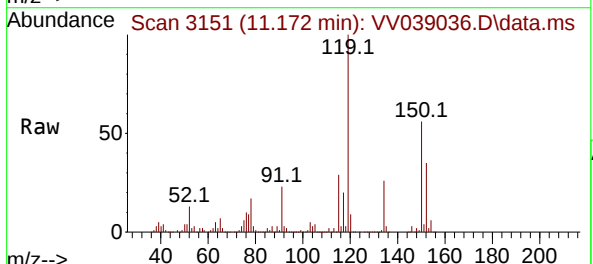
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

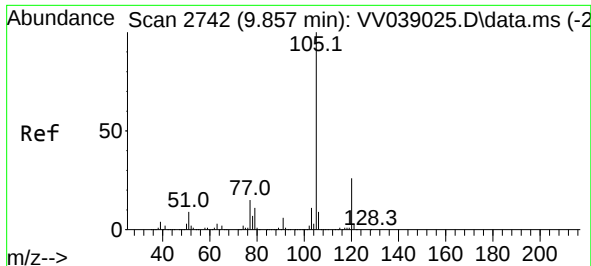
Tgt Ion:173 Resp: 283005
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:152 Resp: 440851
Ion Ratio Lower Upper
152 100
115 87.7 44.0 132.1
150 175.6 0.0 352.2

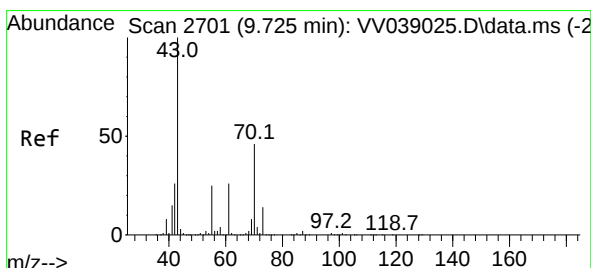
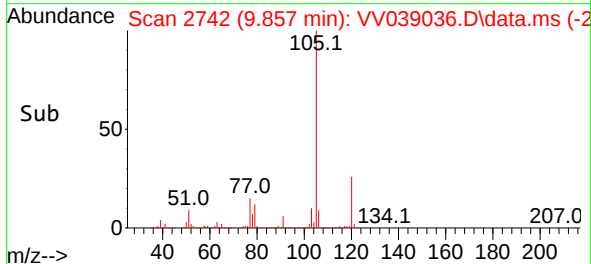
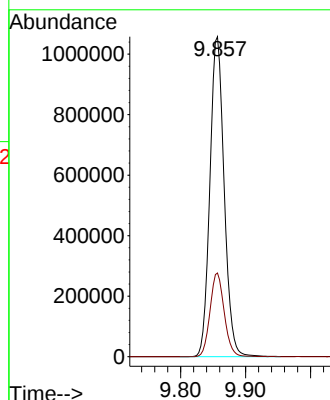
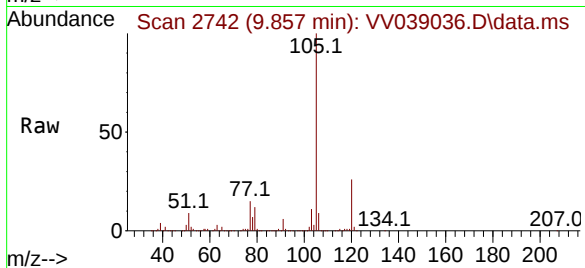




#73
Isopropylbenzene
Concen: 52.282 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

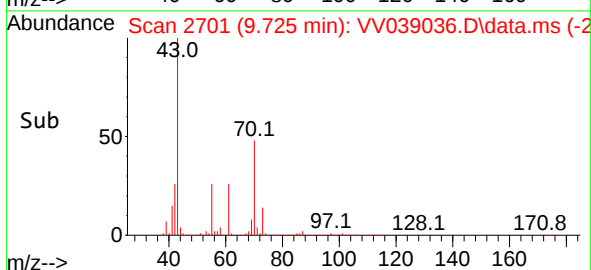
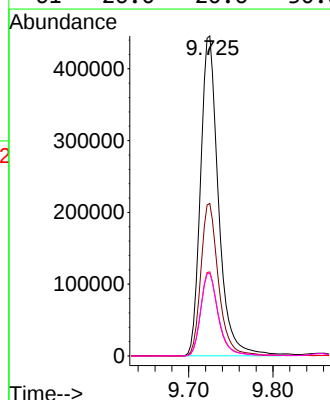
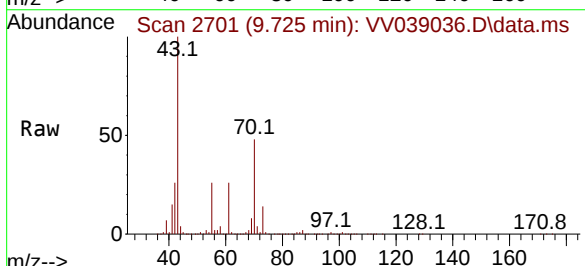
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

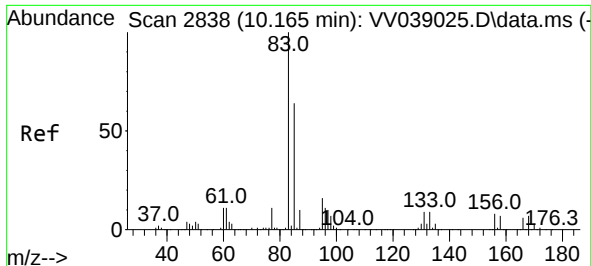
Tgt Ion:105 Resp: 1615321
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 52.054 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 43 Resp: 660958
Ion Ratio Lower Upper
43 100
70 47.0 36.4 54.6
55 25.9 20.6 30.8
61 26.0 20.6 30.8

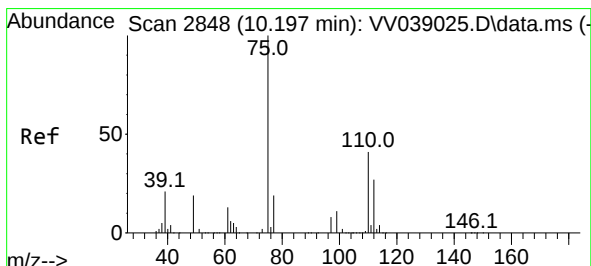
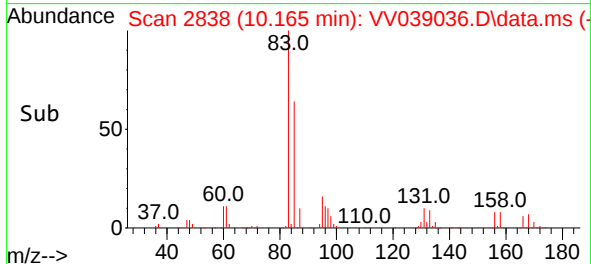
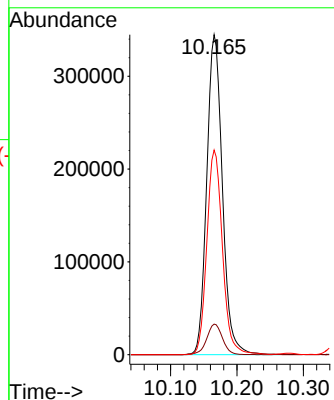
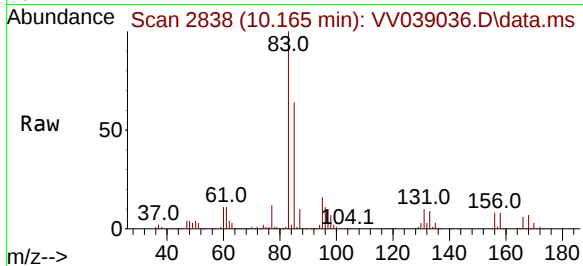




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.343 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

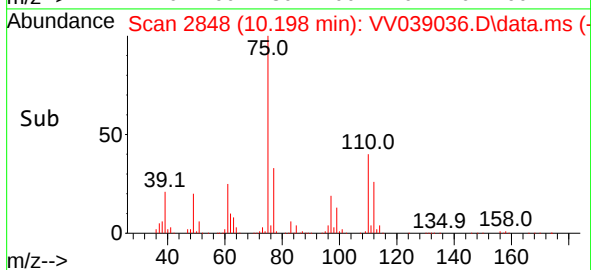
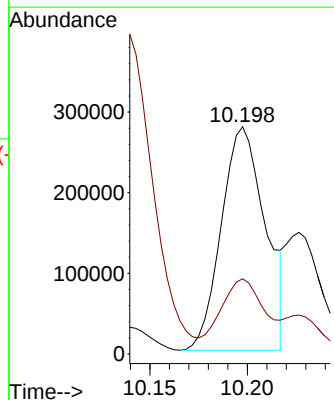
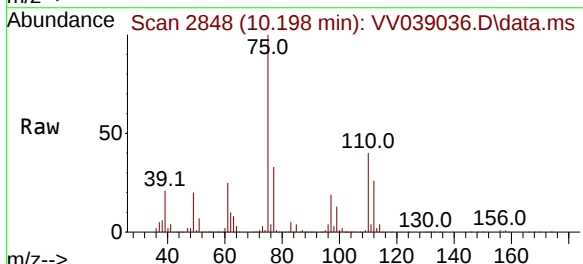
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

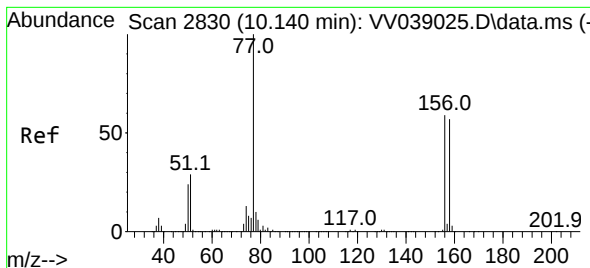
Tgt Ion: 83 Resp: 564050
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.0
 85 63.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 50.373 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV039036.D
 Acq: 25 Aug 2025 16:36

Tgt Ion: 75 Resp: 435915
 Ion Ratio Lower Upper
 75 100
 77 23.3 11.9 35.5





#77

Bromobenzene

Concen: 51.141 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

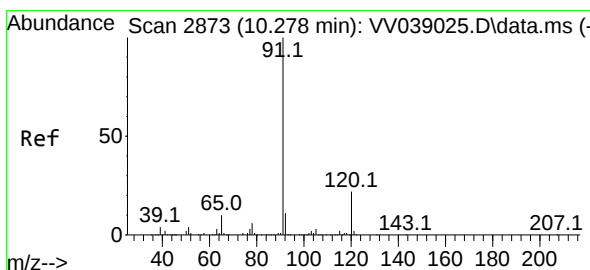
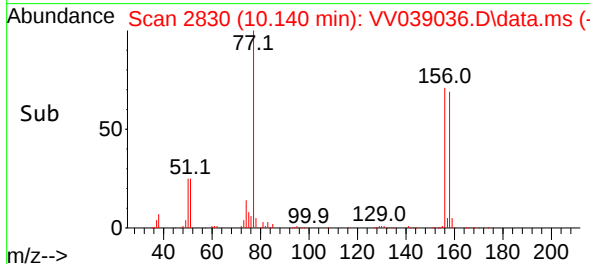
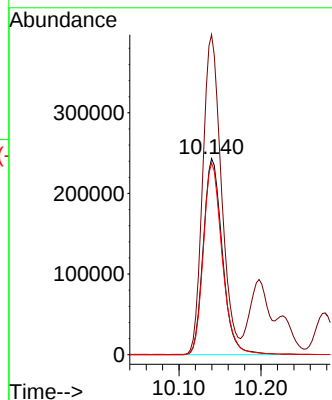
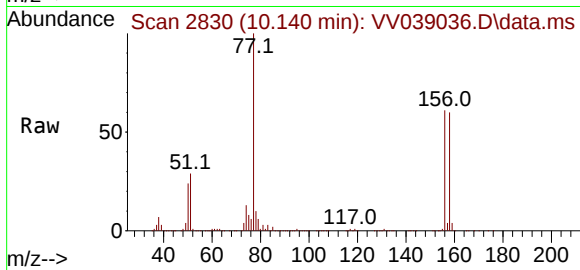
Tgt Ion:156 Resp: 391440

Ion Ratio Lower Upper

156 100

77 159.5 82.5 247.7

158 96.9 49.4 148.0



#78

n-propylbenzene

Concen: 53.467 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039036.D

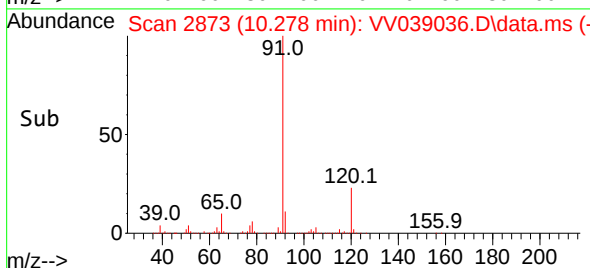
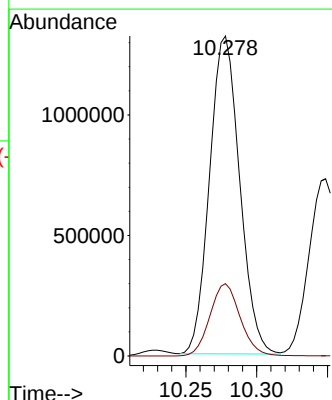
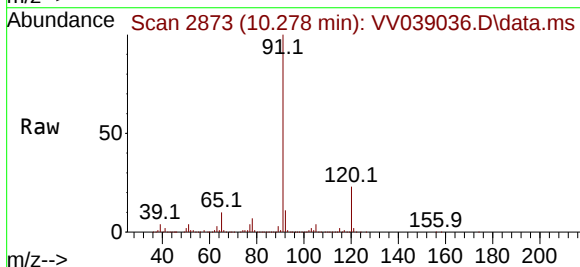
Acq: 25 Aug 2025 16:36

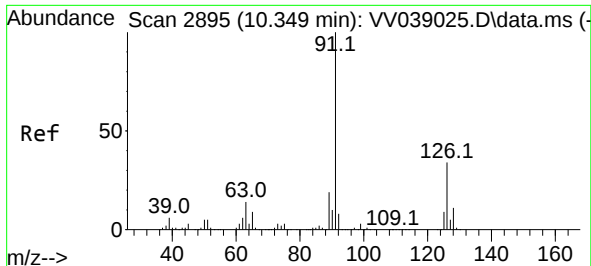
Tgt Ion: 91 Resp: 1950030

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.6

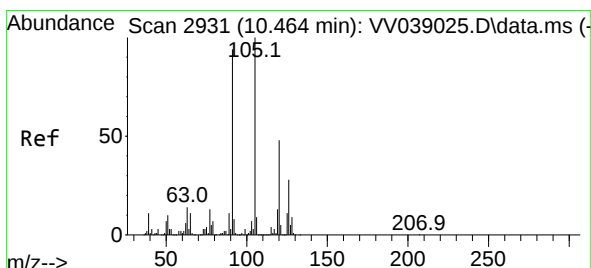
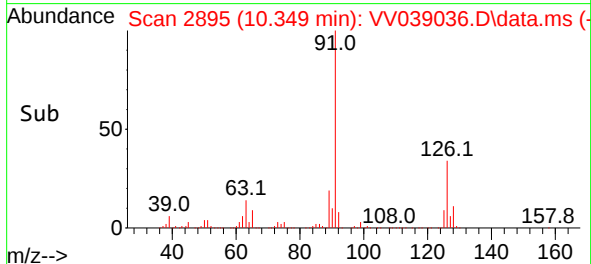
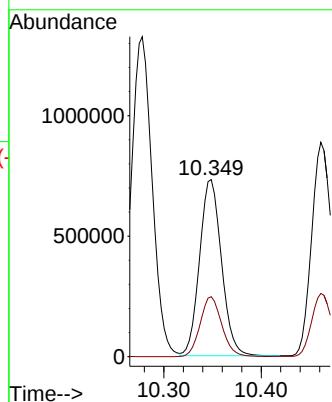
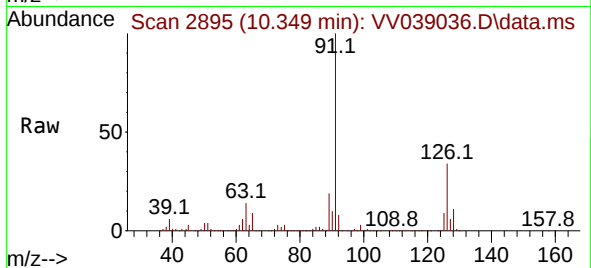




#79
2-Chlorotoluene
Concen: 50.821 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

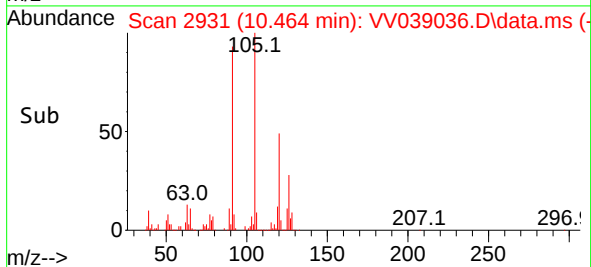
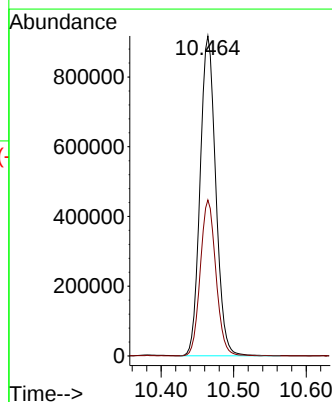
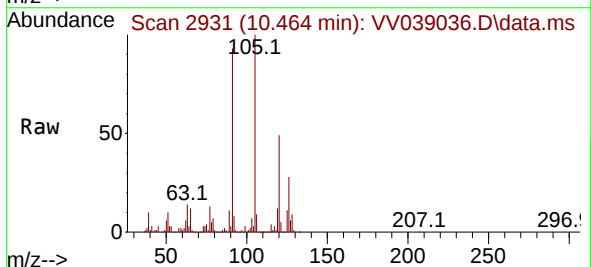
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

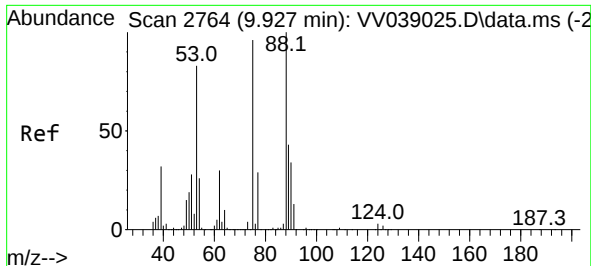
Tgt Ion: 91 Resp: 1142075
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 54.218 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 105 Resp: 1374629
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.8

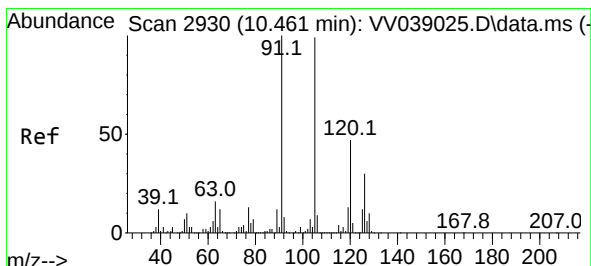
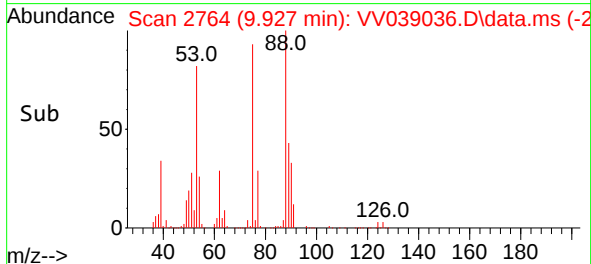
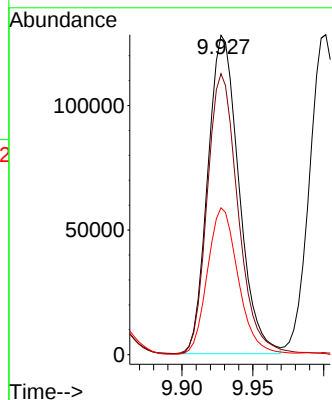
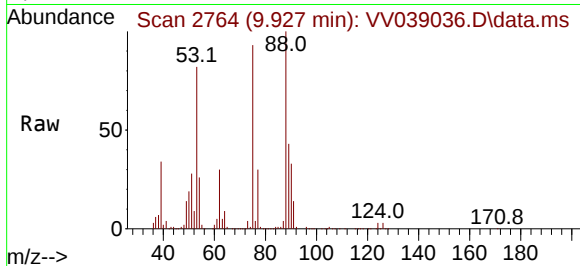




#81
trans-1,4-Dichloro-2-butene
Concen: 49.587 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

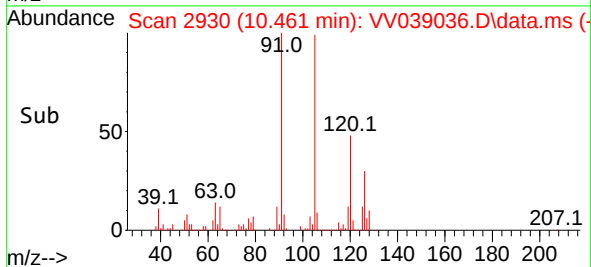
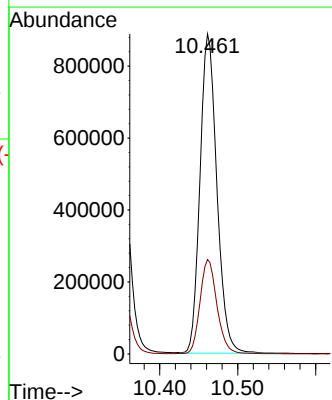
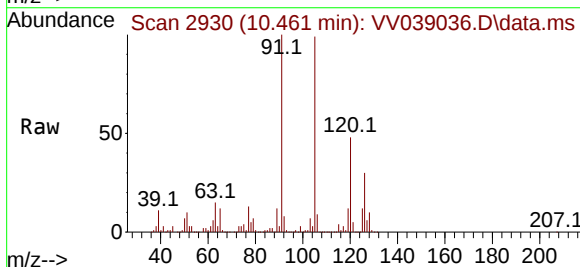
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

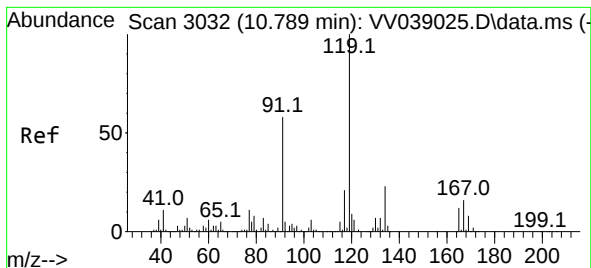
Tgt Ion: 75 Resp: 195123
Ion Ratio Lower Upper
75 100
53 87.3 70.2 105.4
89 45.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.120 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion: 91 Resp: 1333036
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 52.877 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

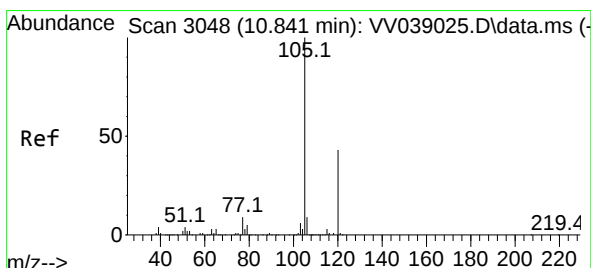
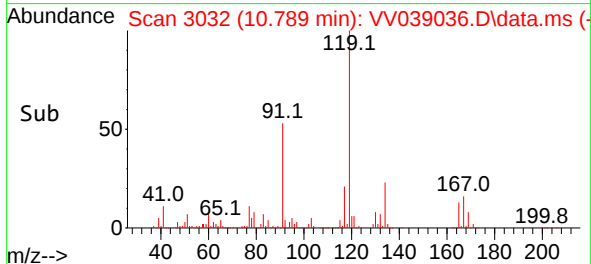
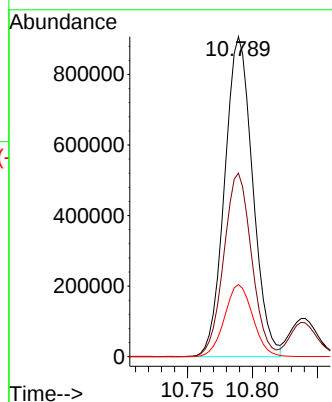
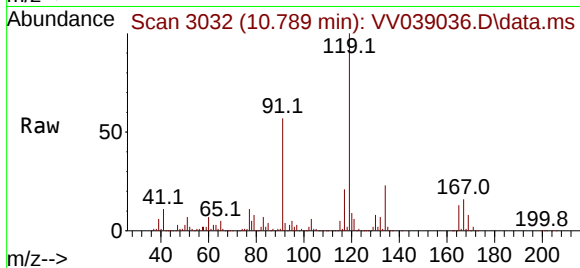
Tgt Ion:119 Resp: 1363955

Ion Ratio Lower Upper

119 100

91 56.7 28.1 84.4

134 22.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 55.040 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039036.D

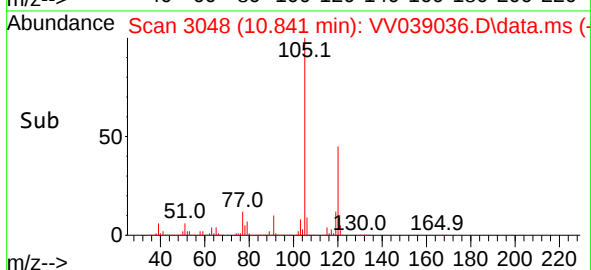
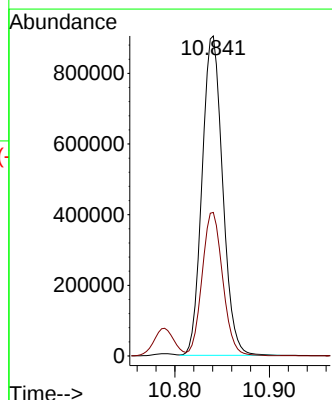
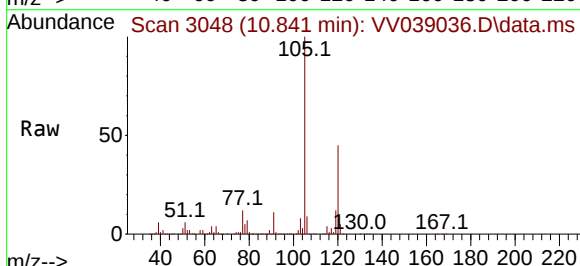
Acq: 25 Aug 2025 16:36

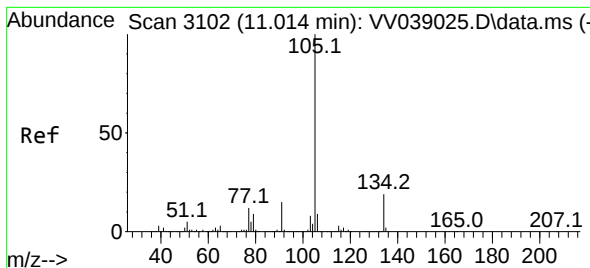
Tgt Ion:105 Resp: 1365695

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 53.057 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

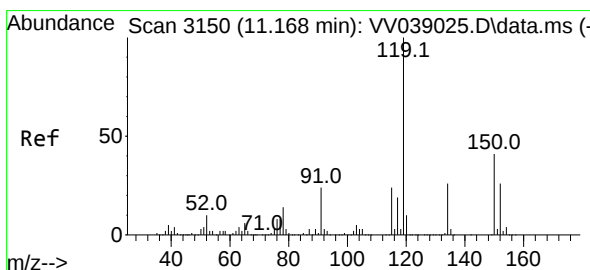
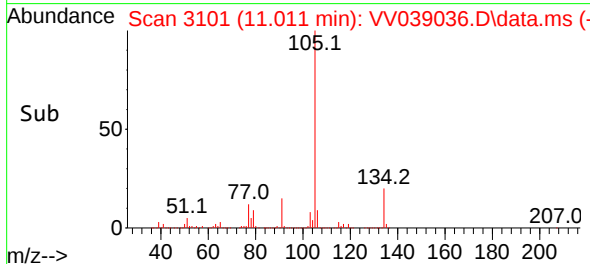
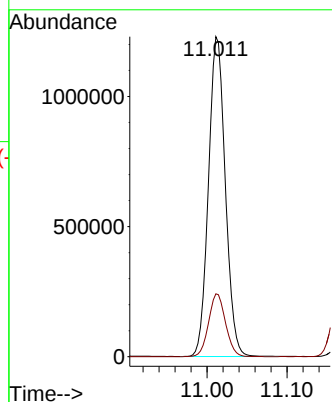
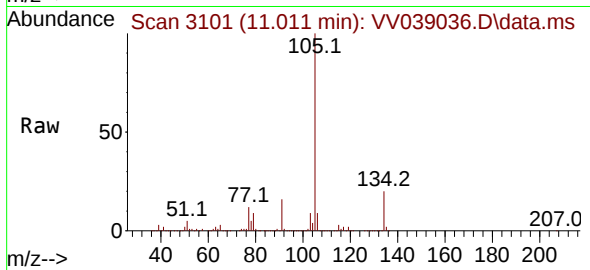
VSTDCCC050EC

Tgt Ion:105 Resp: 1799903

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.869 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

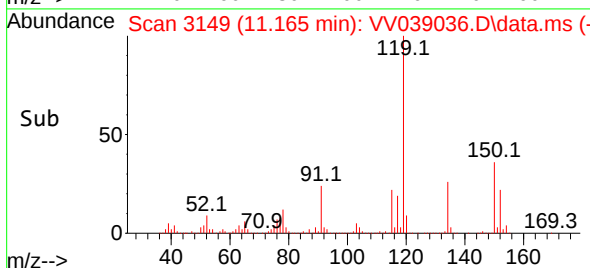
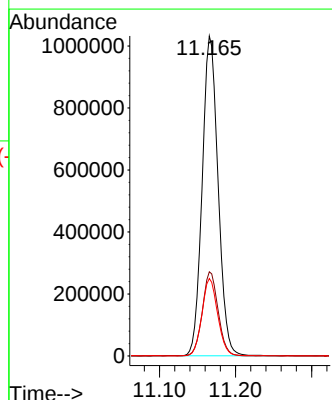
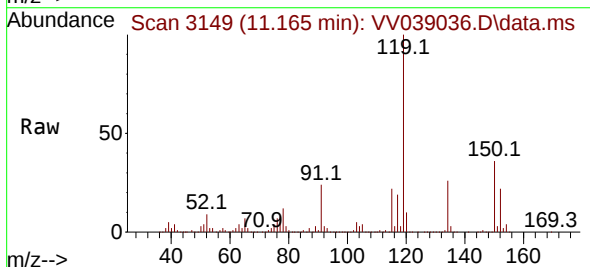
Tgt Ion:119 Resp: 1495553

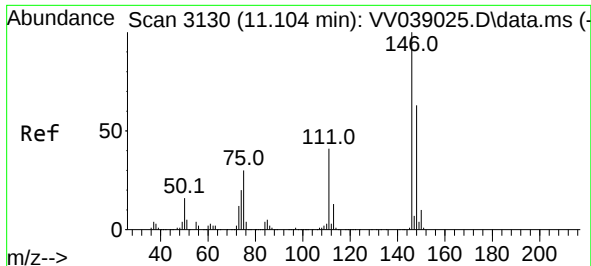
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.8 12.0 36.1

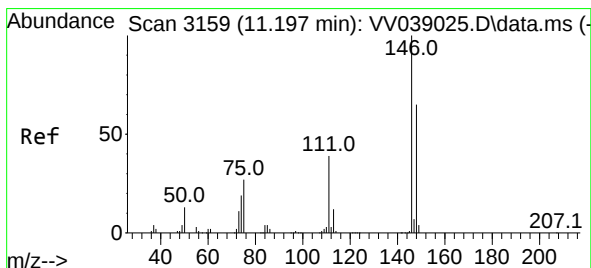
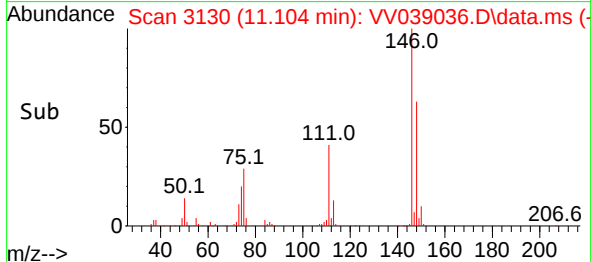
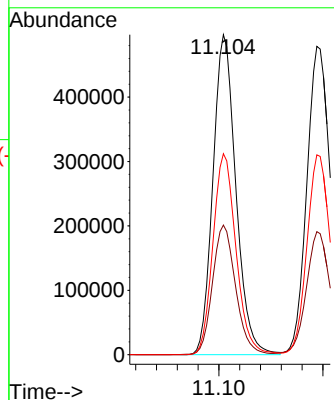
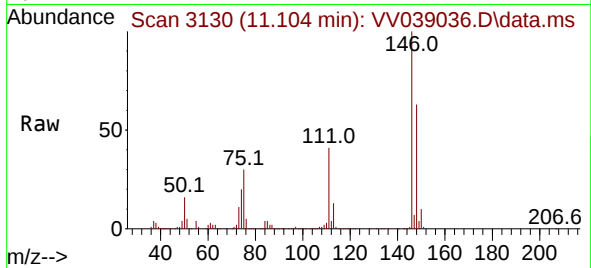




#87
1,3-Dichlorobenzene
Concen: 49.810 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

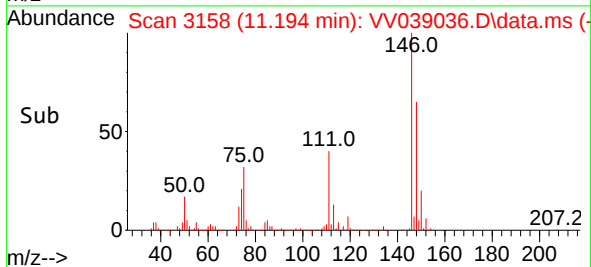
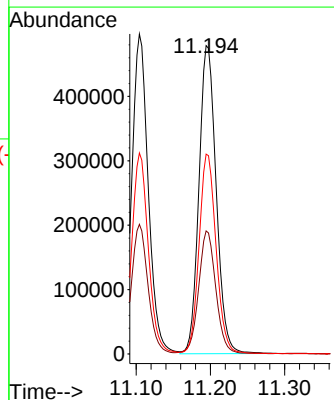
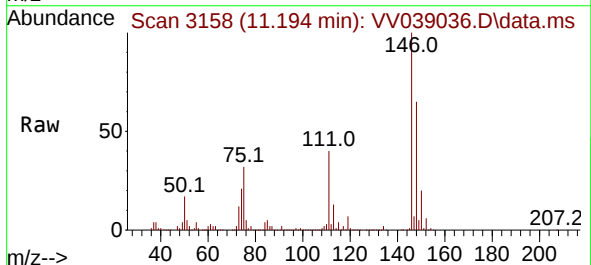
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

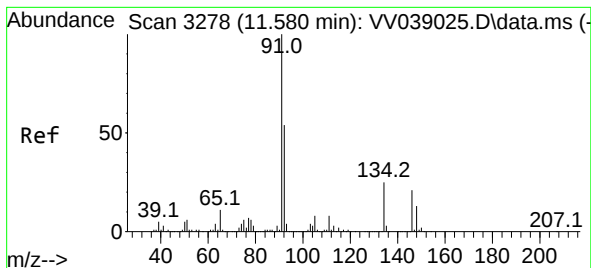
Tgt Ion:146 Resp: 762107
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 46.899 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV039036.D
Acq: 25 Aug 2025 16:36

Tgt Ion:146 Resp: 773152
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 63.8 32.5 97.4





#89

n-Butylbenzene

Concen: 53.585 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

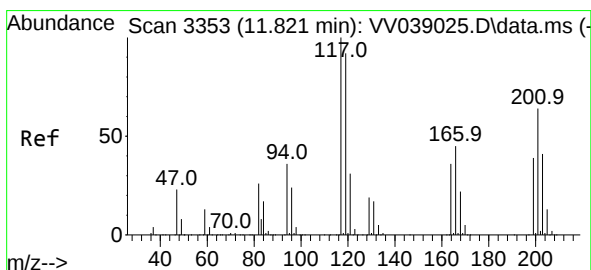
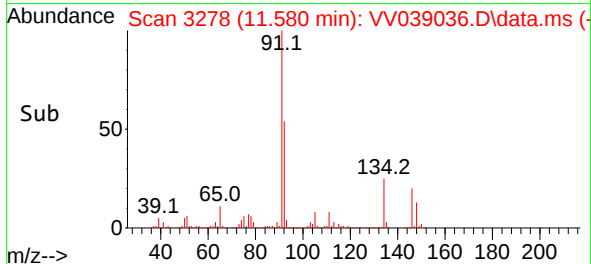
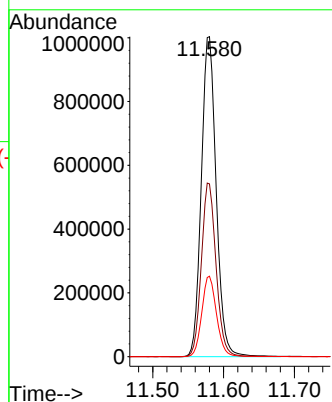
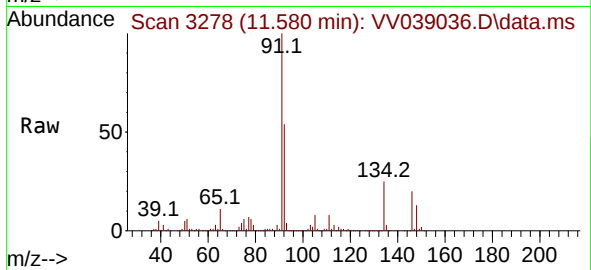
Tgt Ion: 91 Resp: 1462030

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.4

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 46.424 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV039036.D

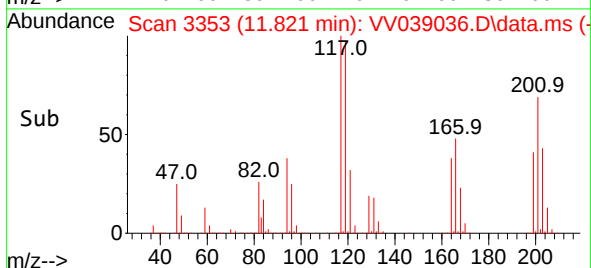
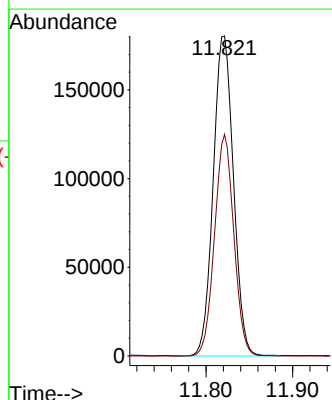
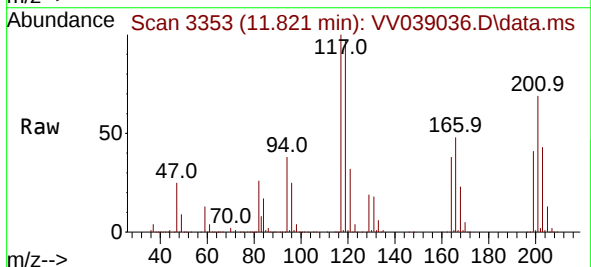
Acq: 25 Aug 2025 16:36

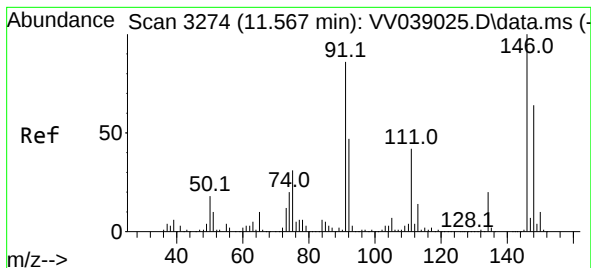
Tgt Ion: 117 Resp: 293361

Ion Ratio Lower Upper

117 100

201 65.9 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 49.542 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

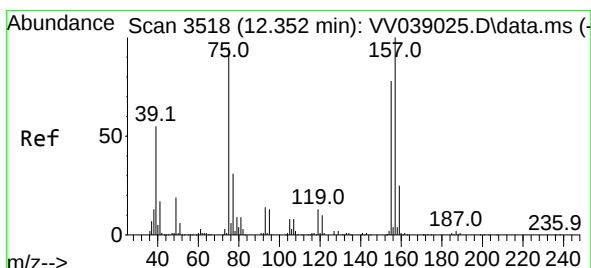
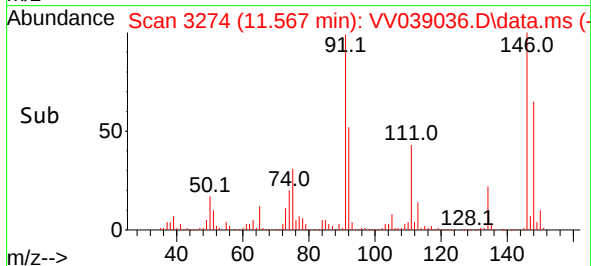
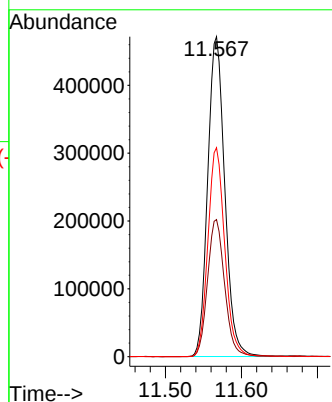
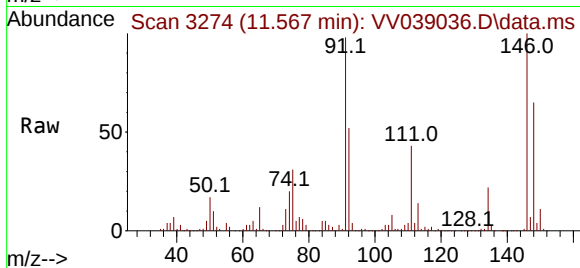
Tgt Ion:146 Resp: 735192

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.4

148 64.4 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.916 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

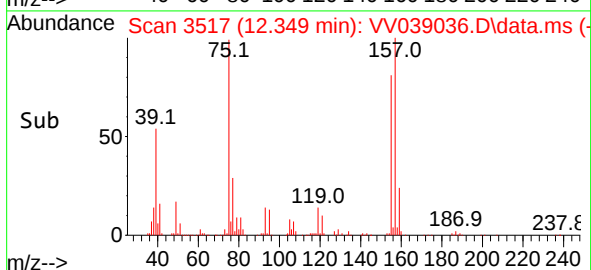
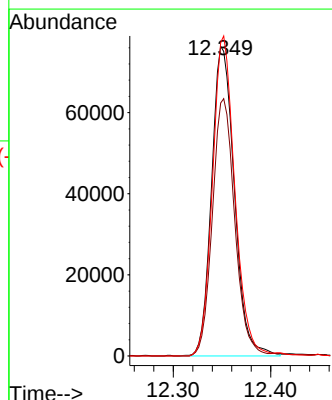
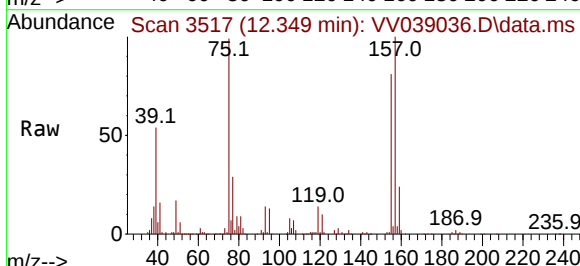
Tgt Ion: 75 Resp: 124042

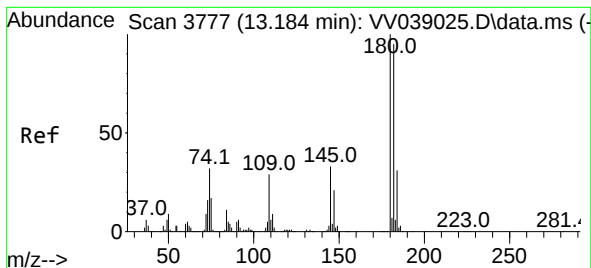
Ion Ratio Lower Upper

75 100

155 81.5 40.9 122.7

157 101.2 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 54.972 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

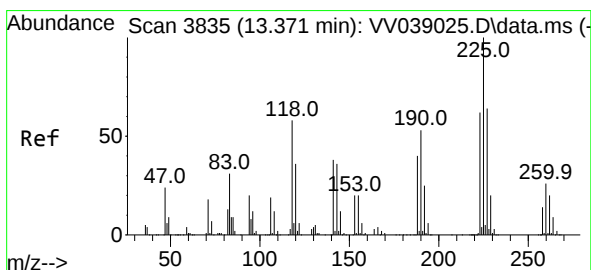
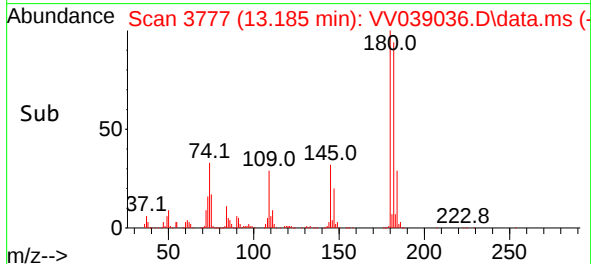
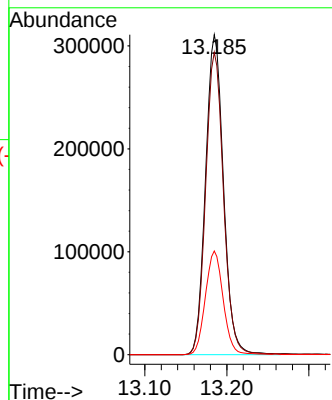
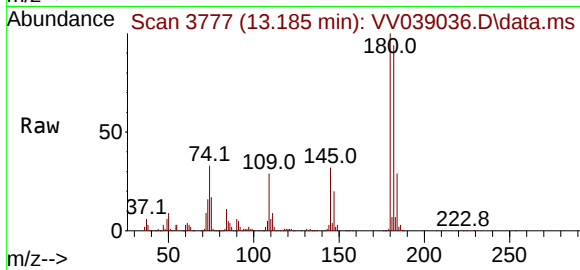
Tgt Ion:180 Resp: 472702

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.6

145 32.2 16.3 48.9



#94

Hexachlorobutadiene

Concen: 49.337 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

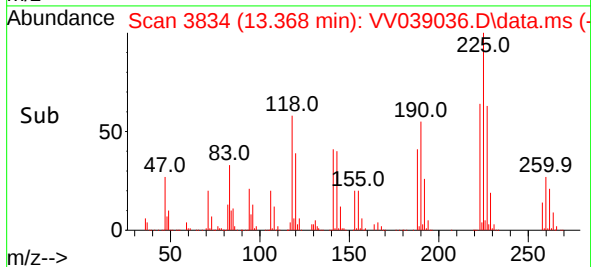
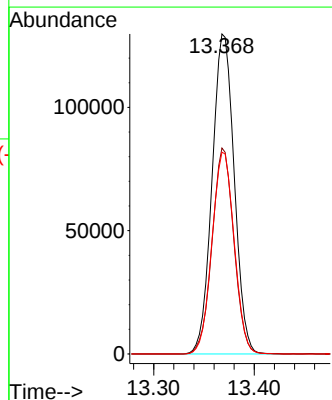
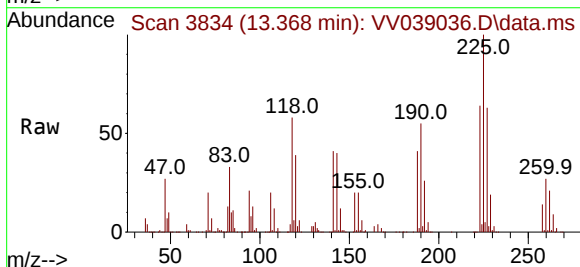
Tgt Ion:225 Resp: 198381

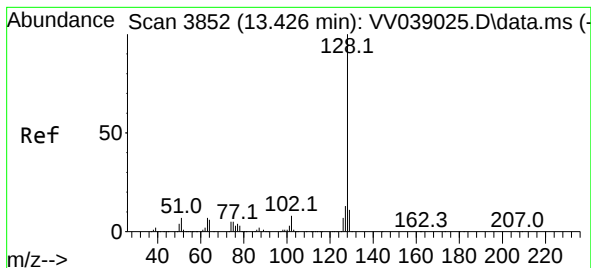
Ion Ratio Lower Upper

225 100

223 63.2 32.1 96.5

227 63.3 31.6 95.0





#95

Naphthalene

Concen: 55.566 ug/l

RT: 13.422 min Scan# 3852

Delta R.T. -0.003 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

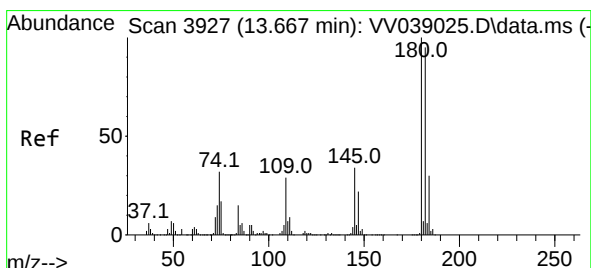
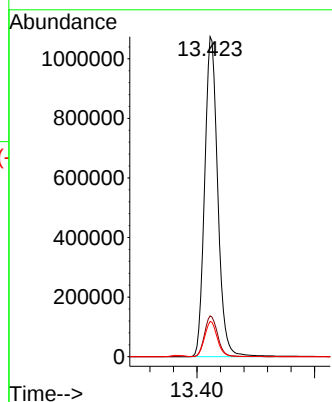
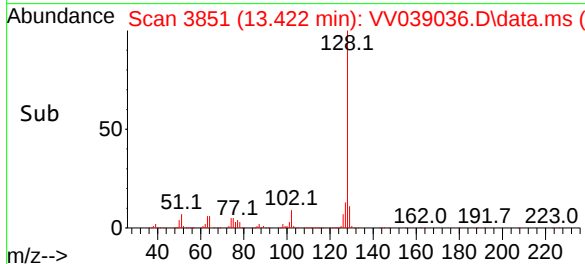
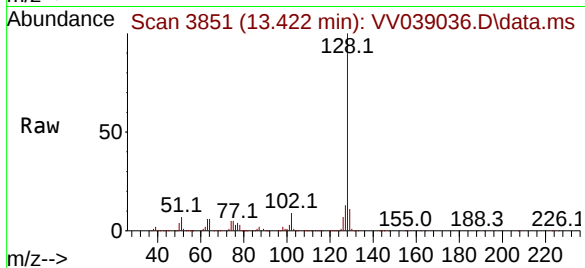
Tgt Ion:128 Resp: 1657216

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.928 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039036.D

Acq: 25 Aug 2025 16:36

Tgt Ion:180 Resp: 469893

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

145 34.6 17.0 51.0

