

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038979.D
 Acq On : 21 Aug 2025 11:45
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 22 03:49:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	513044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	841230	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	790797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	426638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	72519	10.074	ug/l	0.01
Spiked Amount	50.000	Range	81 - 118	Recovery	=	20.140%#
35) Dibromofluoromethane	4.513	113	63422	10.053	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	20.100%#
50) Toluene-d8	7.240	98	210765	9.581	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	19.160%#
62) 4-Bromofluorobenzene	10.005	95	77169	9.589	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	19.180%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	76601	9.988	ug/l	100
3) Chloromethane	1.227	50	78856	9.954	ug/l	99
4) Vinyl Chloride	1.294	62	85058	10.176	ug/l	96
5) Bromomethane	1.497	94	49464	10.950	ug/l	99
6) Chloroethane	1.561	64	45999	10.822	ug/l	93
7) Trichlorofluoromethane	1.725	101	113062	9.873	ug/l	99
8) Diethyl Ether	1.918	74	34405	9.770	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.082	101	63501	10.046	ug/l	98
10) Methyl Iodide	2.198	142	83097	10.567	ug/l	98
11) Tert butyl alcohol	2.565	59	56102	57.579	ug/l	99
12) 1,1-Dichloroethene	2.082	96	60171	10.334	ug/l	98
13) Acrolein	2.011	56	14934	31.347	ug/l	96
14) Allyl chloride	2.362	41	81795	10.521	ug/l	95
15) Acrylonitrile	2.677	53	160254	54.068	ug/l	98
16) Acetone	2.121	43	145823	50.470	ug/l	99
17) Carbon Disulfide	2.253	76	175391	10.830	ug/l	99
18) Methyl Acetate	2.384	43	64632	10.554	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	188007	10.920	ug/l	99
20) Methylene Chloride	2.458	84	68554	10.210	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	66805	11.015	ug/l	96
22) Diisopropyl ether	3.214	45	205325	12.029	ug/l	80
23) Vinyl Acetate	3.195	43	812363	59.446	ug/l	94
24) 1,1-Dichloroethane	3.121	63	132116	11.685	ug/l	96
25) 2-Butanone	3.873	43	226609	59.013	ug/l	95
26) 2,2-Dichloropropane	3.815	77	114703	10.575	ug/l	98
27) cis-1,2-Dichloroethene	3.828	96	82723	11.301	ug/l	99
28) Bromochloromethane	4.156	49	27758	9.730	ug/l	90
29) Tetrahydrofuran	4.240	42	149149	59.624	ug/l	90
30) Chloroform	4.281	83	138197	10.437	ug/l	98
31) Cyclohexane	4.587	56	113783	11.279	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	127866	10.533	ug/l	98
36) 1,1-Dichloropropene	4.751	75	89493	10.923	ug/l	97
37) Ethyl Acetate	3.989	43	87506	10.390	ug/l	# 84
38) Carbon Tetrachloride	4.738	117	111116	10.128	ug/l	99
39) Methylcyclohexane	6.050	83	109123	10.424	ug/l	94
40) Benzene	5.015	78	280508	10.931	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038979.D
 Acq On : 21 Aug 2025 11:45
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 22 03:49:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.175	41	30444	9.563	ug/l #	84
42) 1,2-Dichloroethane	5.044	62	97528	10.396	ug/l	100
43) Isopropyl Acetate	5.198	43	129564	10.677	ug/l	97
44) Trichloroethene	5.838	130	72915	10.475	ug/l	96
45) 1,2-Dichloropropane	6.095	63	71544	11.625	ug/l	98
46) Dibromomethane	6.233	93	53591	10.378	ug/l	96
47) Bromodichloromethane	6.429	83	110590	10.523	ug/l	100
48) Methyl methacrylate	6.307	41	56711	10.553	ug/l	95
49) 1,4-Dioxane	6.297	88	22045	234.918	ug/l	98
51) 4-Methyl-2-Pentanone	7.150	43	461727	56.704	ug/l	98
52) Toluene	7.314	92	172633	10.622	ug/l	98
53) t-1,3-Dichloropropene	7.580	75	99499	10.127	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	111069	10.911	ug/l	96
55) 1,1,2-Trichloroethane	7.764	97	71784	10.130	ug/l	96
56) Ethyl methacrylate	7.719	69	86106	9.551	ug/l	98
57) 1,3-Dichloropropane	7.937	76	118588	10.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.815	63	228069	51.240	ug/l	95
59) 2-Hexanone	8.066	43	326400	47.855	ug/l	98
60) Dibromochloromethane	8.169	129	86741	10.138	ug/l	98
61) 1,2-Dibromoethane	8.278	107	77293	10.514	ug/l	99
64) Tetrachloroethene	7.899	164	62793	10.671	ug/l	94
65) Chlorobenzene	8.809	112	204181	10.709	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	73247	10.701	ug/l	98
67) Ethyl Benzene	8.940	91	305400	10.492	ug/l	97
68) m/p-Xylenes	9.066	106	243148	21.509	ug/l	99
69) o-Xylene	9.471	106	108544	10.535	ug/l	99
70) Styrene	9.490	104	180737	10.224	ug/l	97
71) Bromoform	9.657	173	57738	10.220	ug/l #	98
73) Isopropylbenzene	9.857	105	304887	10.650	ug/l	98
74) N-amyl acetate	9.728	43	107317	10.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	116729	10.267	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	84487	10.769	ug/l	98
77) Bromobenzene	10.143	156	79178	10.764	ug/l	97
78) n-propylbenzene	10.278	91	364482	10.663	ug/l	100
79) 2-Chlorotoluene	10.349	91	224105	10.682	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	255973	10.625	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	36554	10.605	ug/l	96
82) 4-Chlorotoluene	10.465	91	263869	11.155	ug/l	99
83) tert-Butylbenzene	10.789	119	248640	10.393	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	246385	10.686	ug/l	99
85) sec-Butylbenzene	11.014	105	330550	10.624	ug/l	99
86) p-Isopropyltoluene	11.169	119	286217	10.924	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	157122	10.818	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	171556	11.073	ug/l	97
89) n-Butylbenzene	11.580	91	258532	10.128	ug/l	97
90) Hexachloroethane	11.821	117	61451	10.148	ug/l	100
91) 1,2-Dichlorobenzene	11.571	146	145254	10.488	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.355	75	20672	9.348	ug/l	97
93) 1,2,4-Trichlorobenzene	13.188	180	82372	9.967	ug/l	100
94) Hexachlorobutadiene	13.368	225	43241	10.149	ug/l	99
95) Naphthalene	13.426	128	256131	9.821	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	87705	10.525	ug/l	100

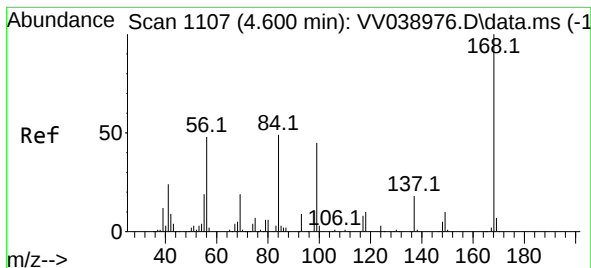
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038979.D
Acq On : 21 Aug 2025 11:45
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Quant Time: Aug 22 03:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

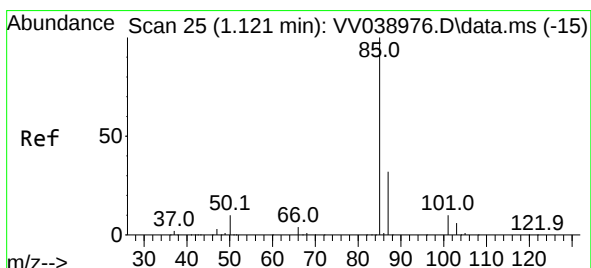
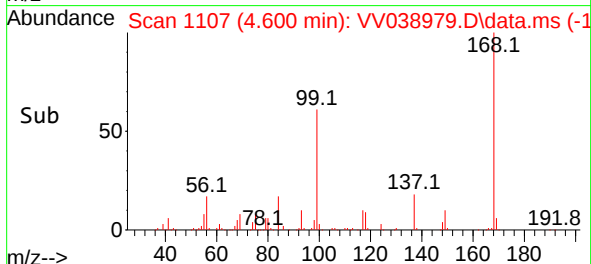
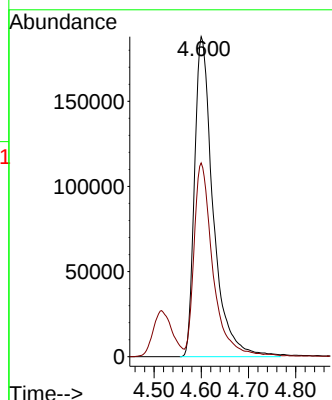
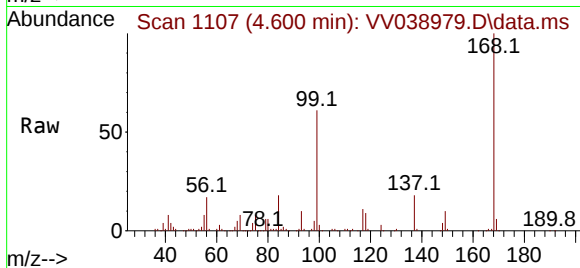
VSTDIC010

Tgt Ion:168 Resp: 513044

Ion Ratio Lower Upper

168 100

99 60.2 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 9.988 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038979.D

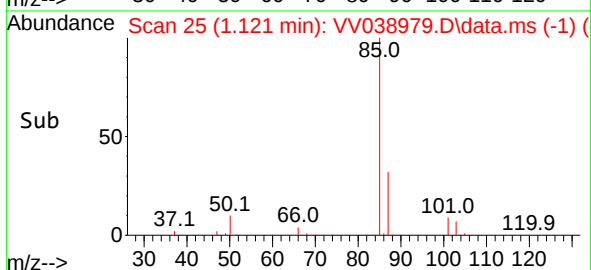
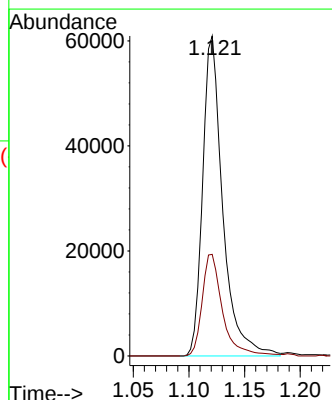
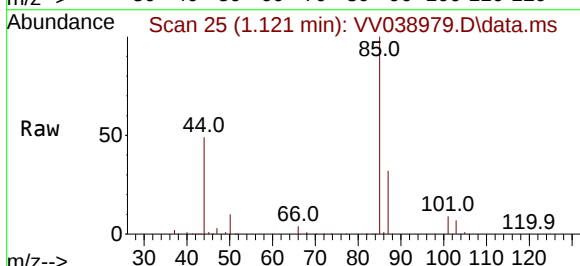
Acq: 21 Aug 2025 11:45

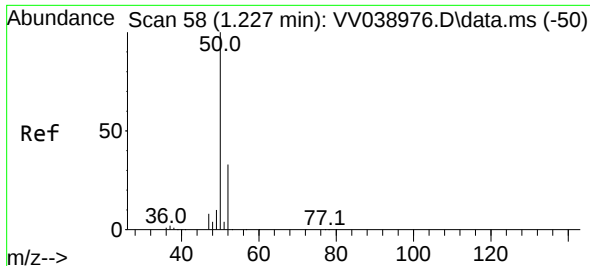
Tgt Ion: 85 Resp: 76601

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3

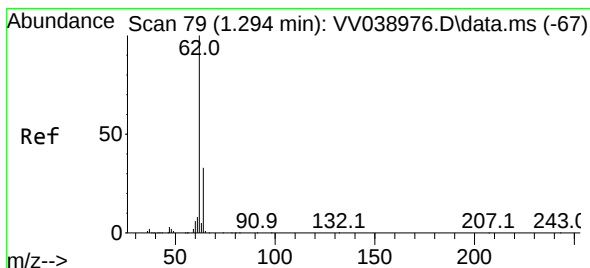
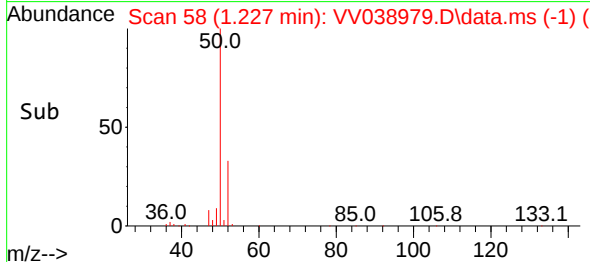
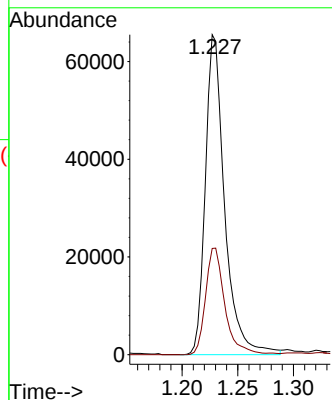
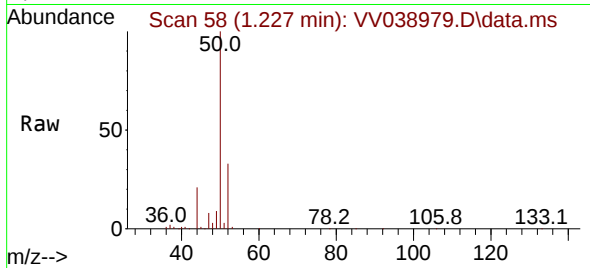




#3
Chloromethane
Concen: 9.954 ug/l
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

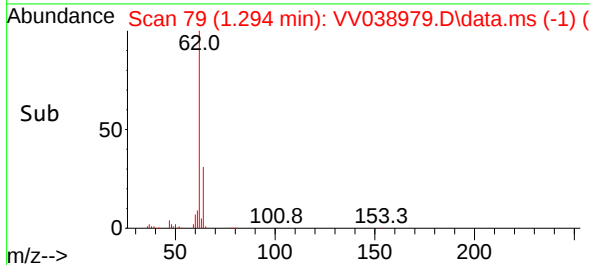
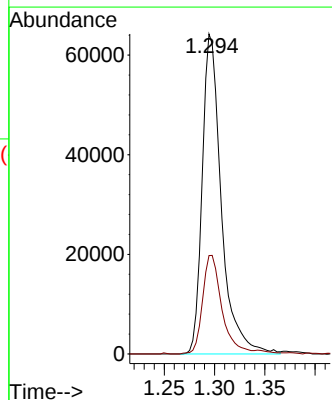
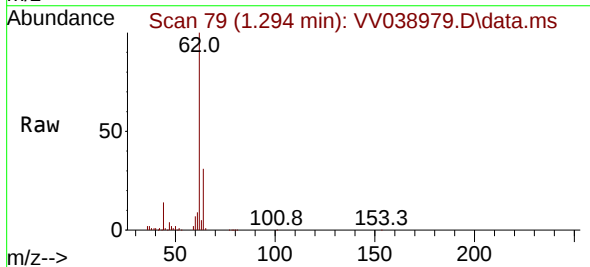
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

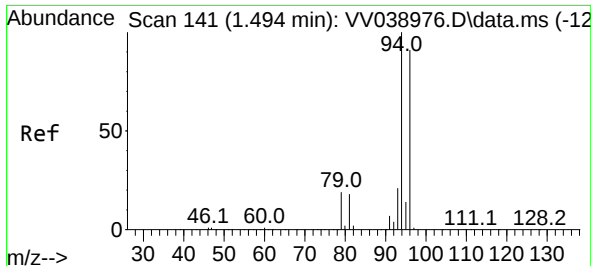
Tgt Ion: 50 Resp: 78856
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 10.176 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 62 Resp: 85058
Ion Ratio Lower Upper
62 100
64 30.7 26.4 39.6

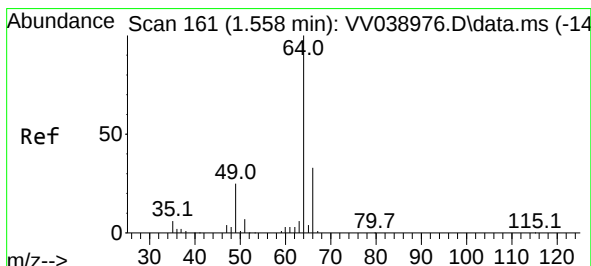
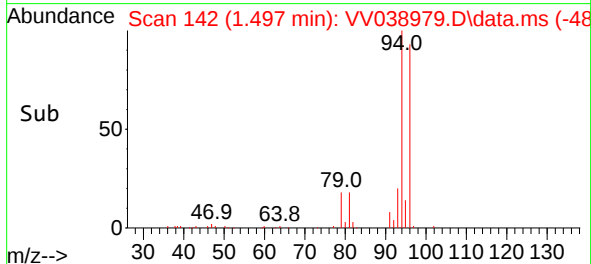
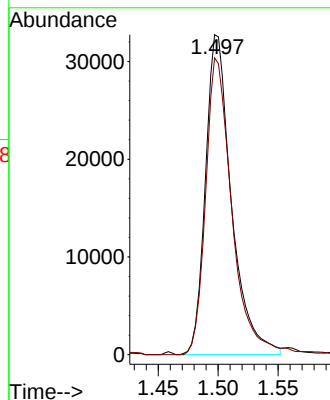
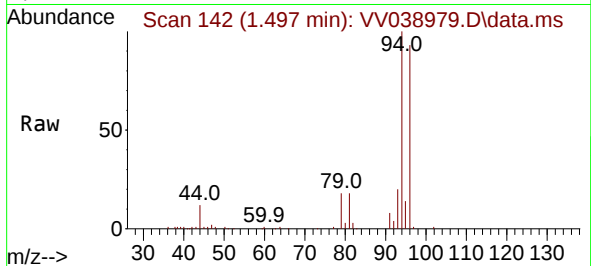




#5
Bromomethane
Concen: 10.950 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

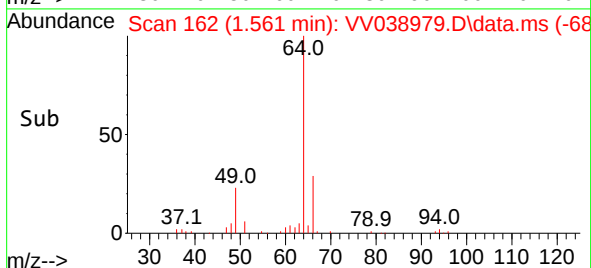
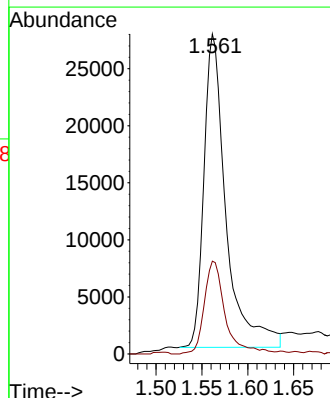
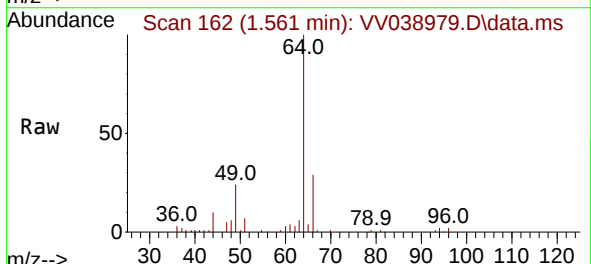
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

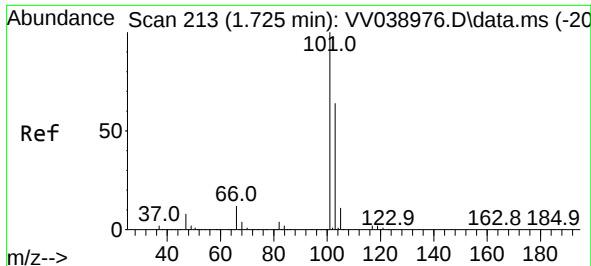
Tgt Ion: 94 Resp: 49464
Ion Ratio Lower Upper
94 100
96 92.8 73.1 109.7



#6
Chloroethane
Concen: 10.822 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 64 Resp: 45999
Ion Ratio Lower Upper
64 100
66 29.6 26.8 40.2

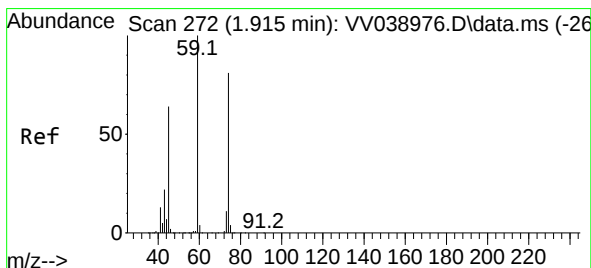
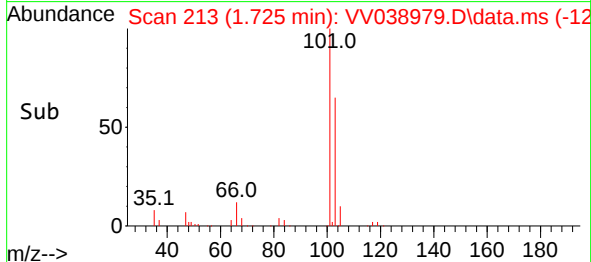
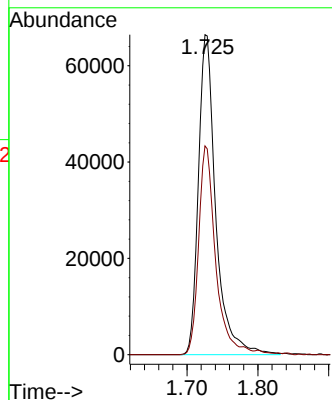
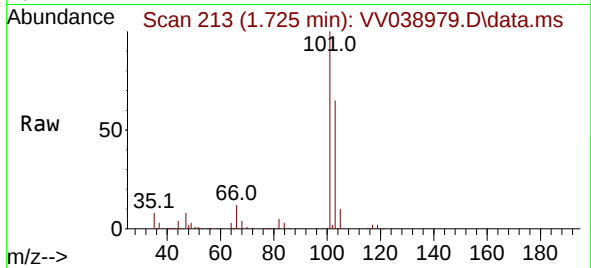




#7
 Trichlorofluoromethane
 Concen: 9.873 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

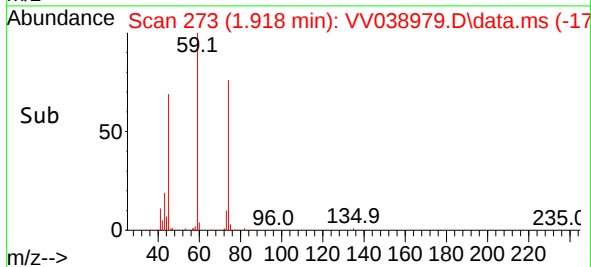
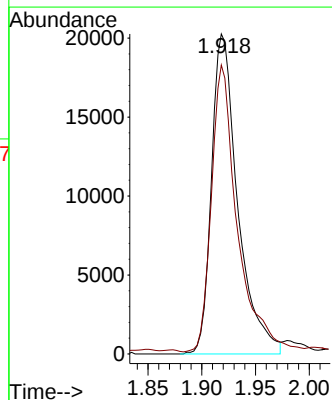
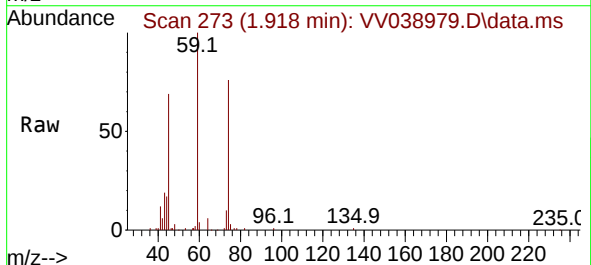
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

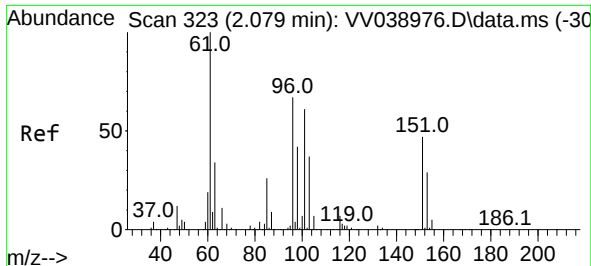
Tgt Ion:101 Resp: 113062
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 9.770 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

Tgt Ion: 74 Resp: 34405
 Ion Ratio Lower Upper
 74 100
 45 88.8 39.8 119.4

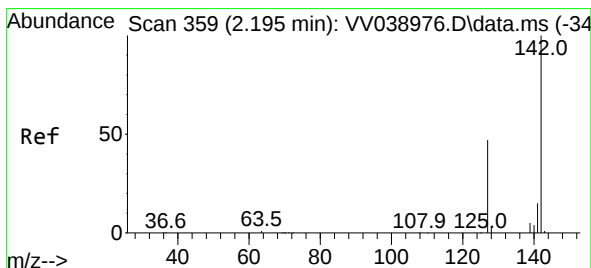
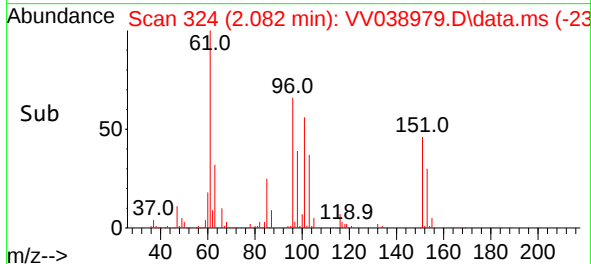
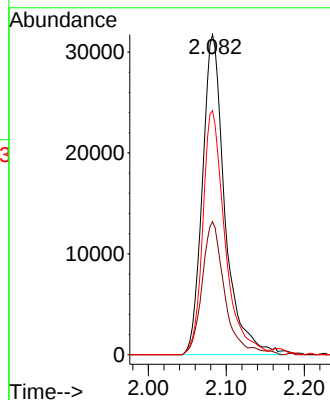
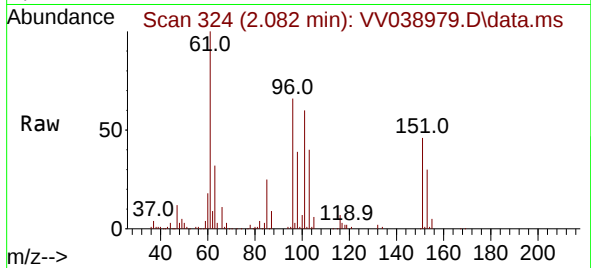




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.046 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

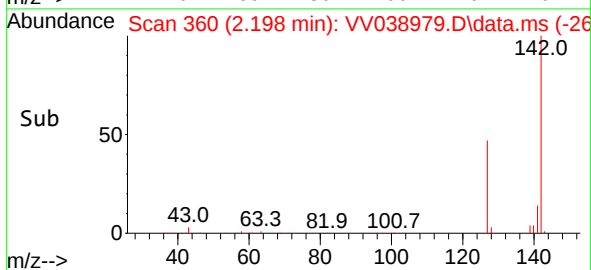
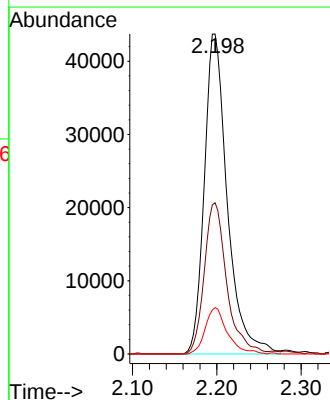
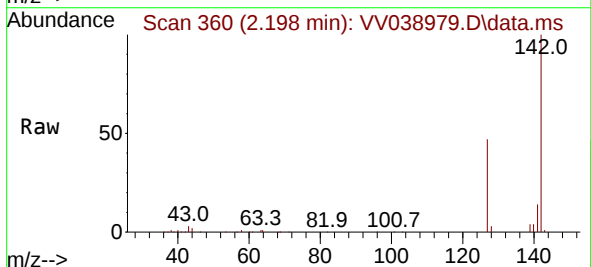
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

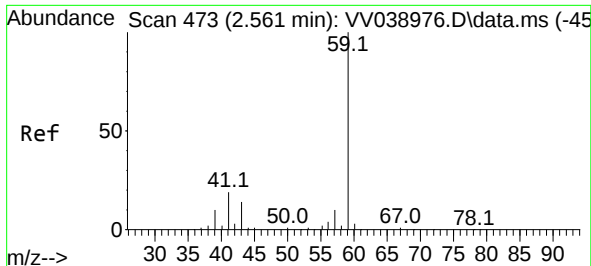
Tgt Ion:101 Resp: 63501
Ion Ratio Lower Upper
101 100
85 41.8 34.6 51.8
151 75.3 62.1 93.1



#10
Methyl Iodide
Concen: 10.567 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:142 Resp: 83097
Ion Ratio Lower Upper
142 100
127 46.2 38.6 57.8
141 13.9 11.4 17.2

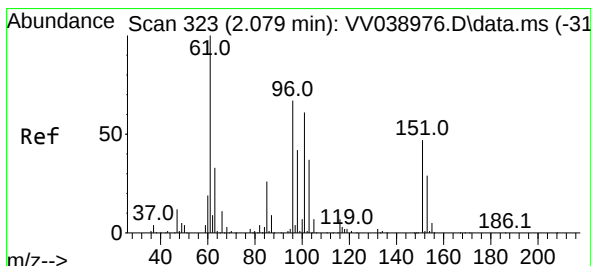
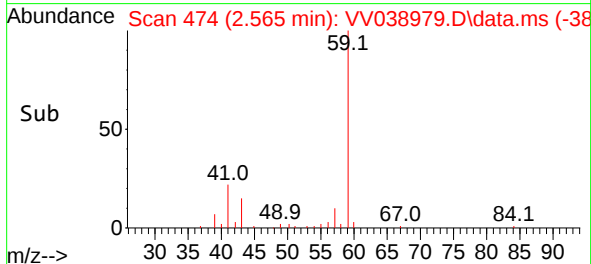
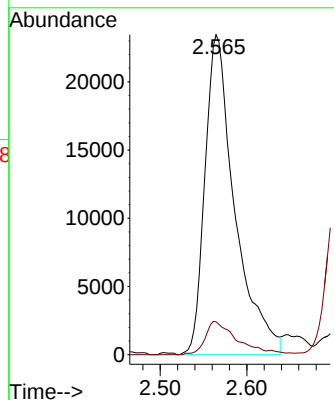
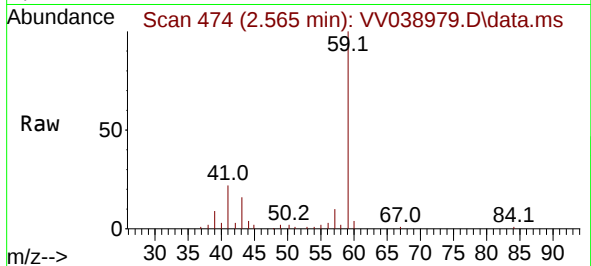




#11
Tert butyl alcohol
Concen: 57.579 ug/l
RT: 2.565 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

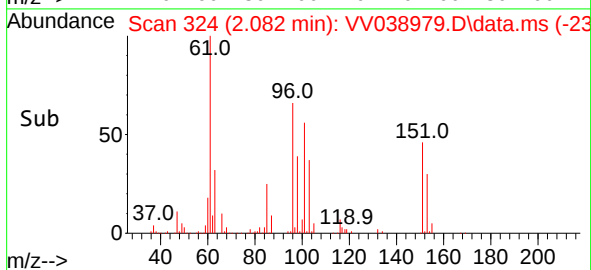
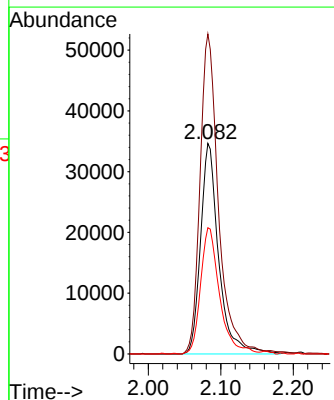
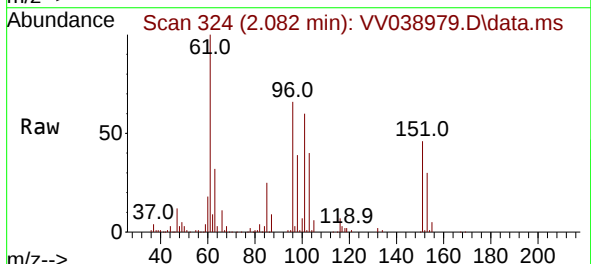
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

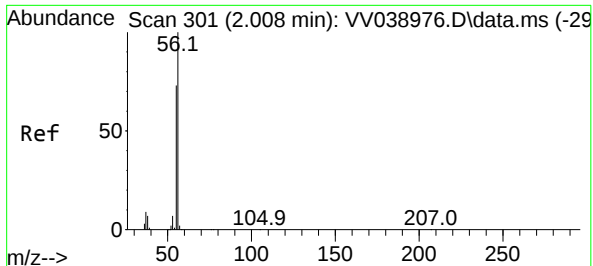
Tgt Ion: 59 Resp: 56102
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 10.334 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 96 Resp: 60171
Ion Ratio Lower Upper
96 100
61 152.0 119.8 179.8
98 60.0 50.2 75.2

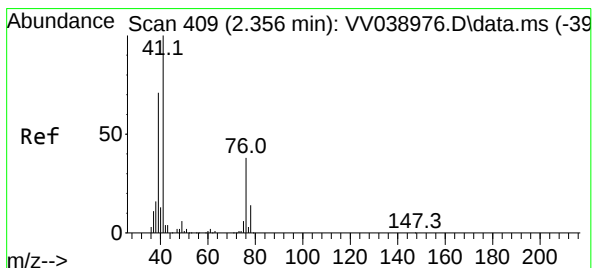
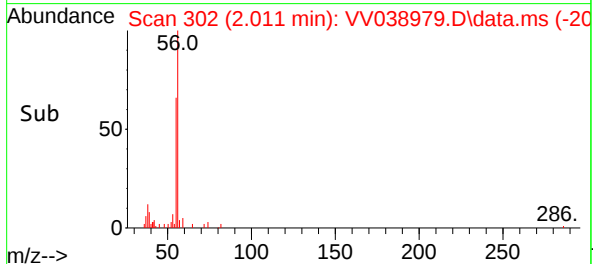
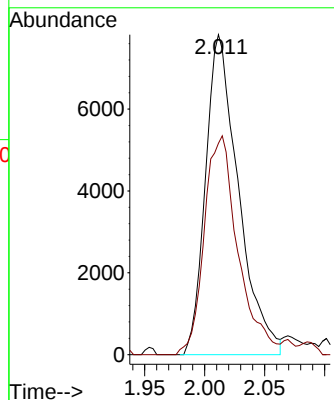
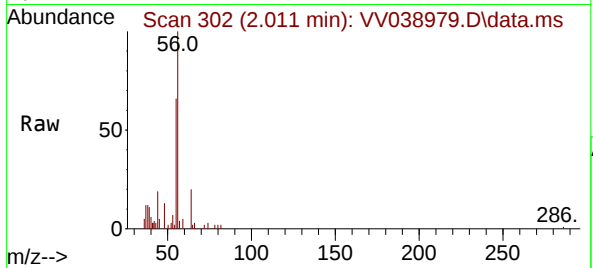




#13
Acrolein
Concen: 31.347 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

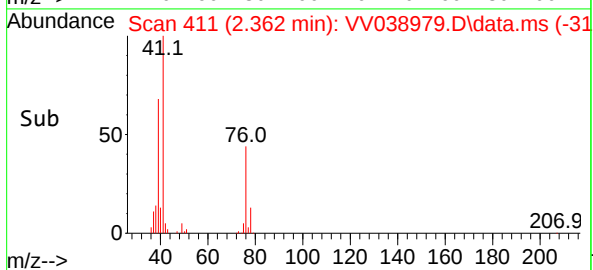
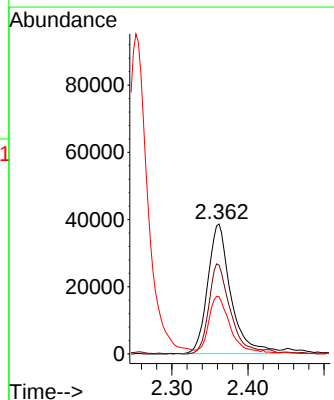
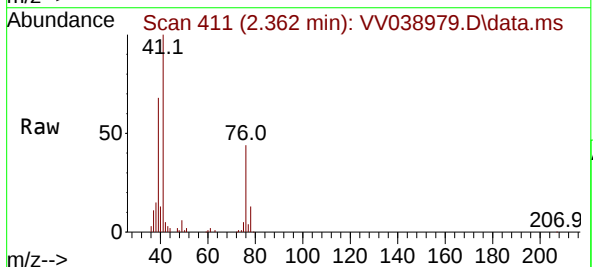
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

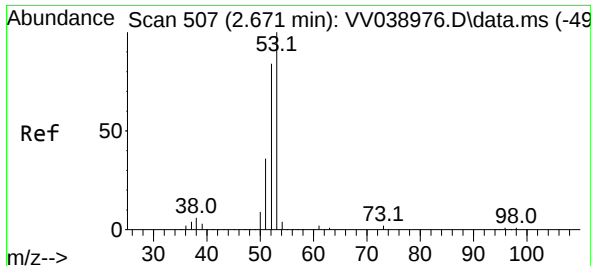
Tgt Ion: 56 Resp: 14934
Ion Ratio Lower Upper
56 100
55 70.0 58.8 88.2



#14
Allyl chloride
Concen: 10.521 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 41 Resp: 81795
Ion Ratio Lower Upper
41 100
39 64.2 55.0 82.4
76 41.6 35.6 53.4

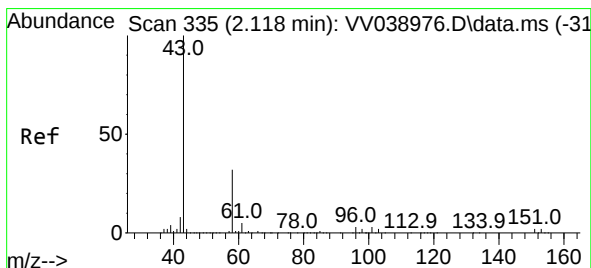
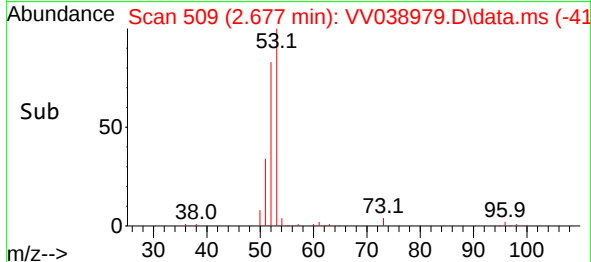
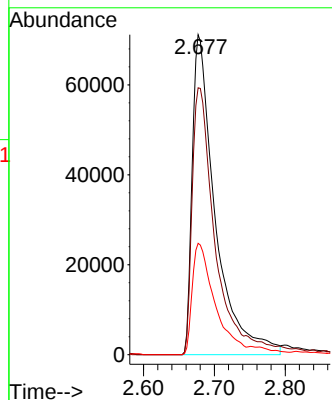
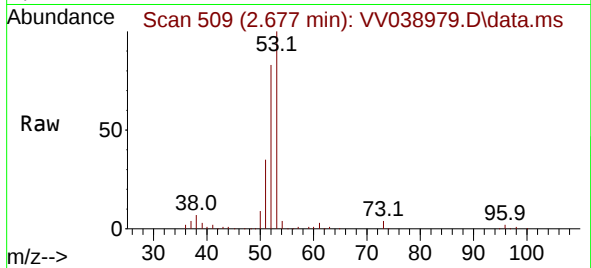




#15
Acrylonitrile
Concen: 54.068 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

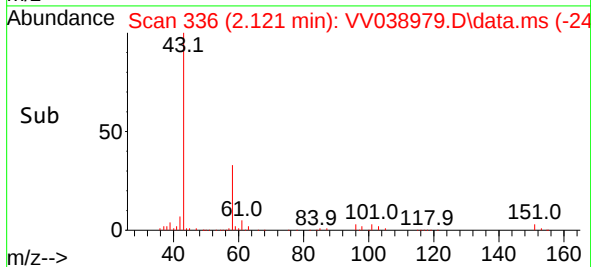
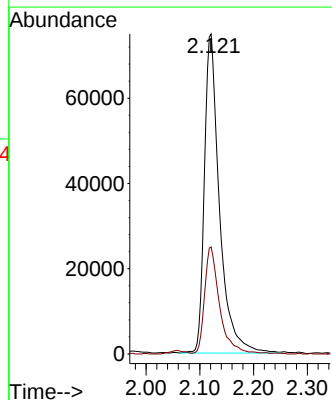
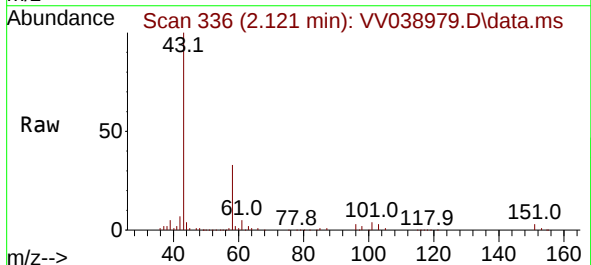
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

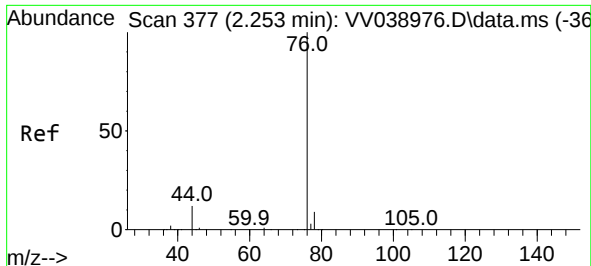
Tgt Ion: 53 Resp: 160254
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.4
51 34.2 28.5 42.7



#16
Acetone
Concen: 50.470 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 43 Resp: 145823
Ion Ratio Lower Upper
43 100
58 33.3 26.3 39.5

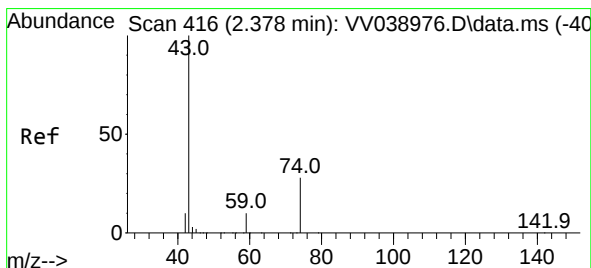
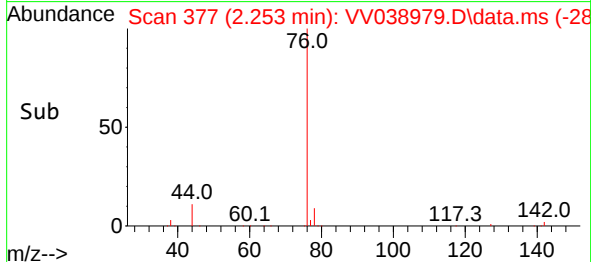
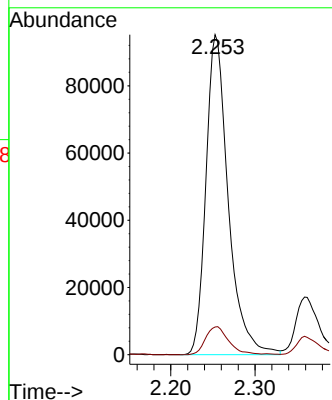
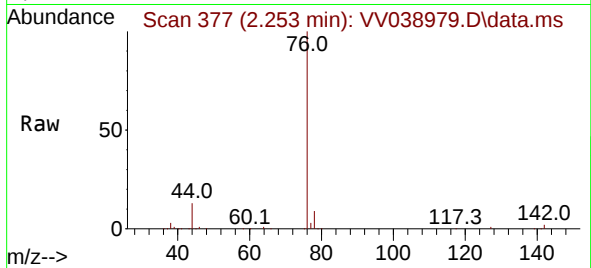




#17
Carbon Disulfide
Concen: 10.830 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

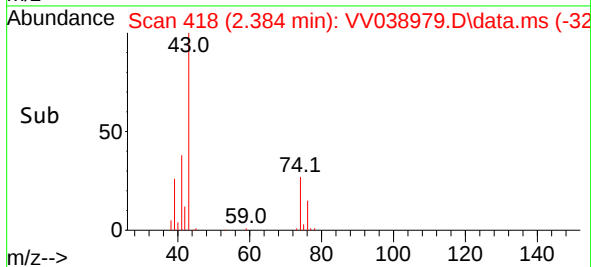
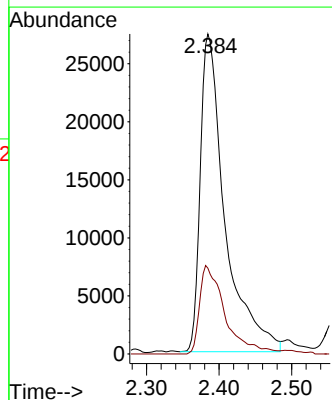
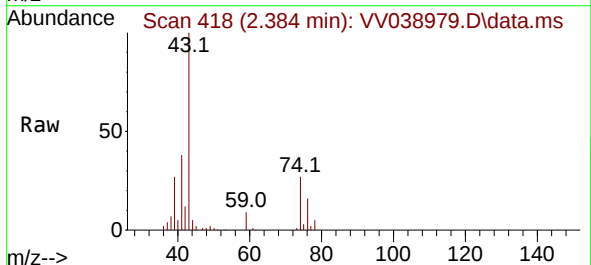
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

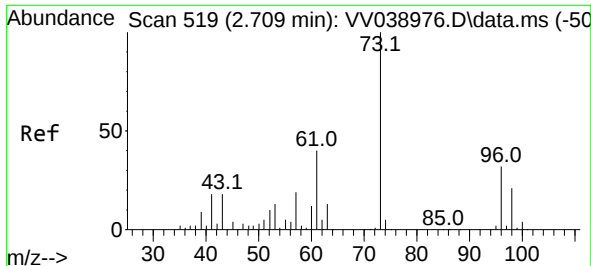
Tgt Ion: 76 Resp: 175391
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 10.554 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 43 Resp: 64632
Ion Ratio Lower Upper
43 100
74 28.7 23.5 35.3

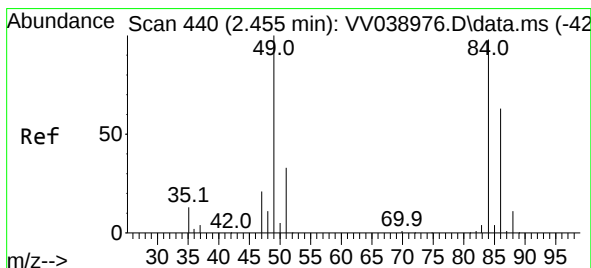
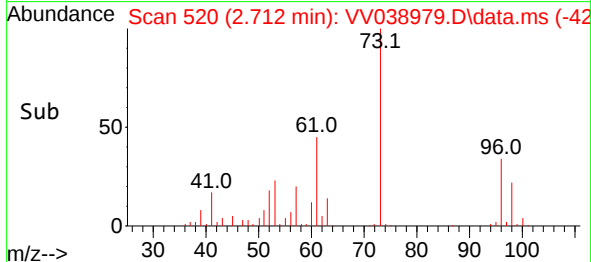
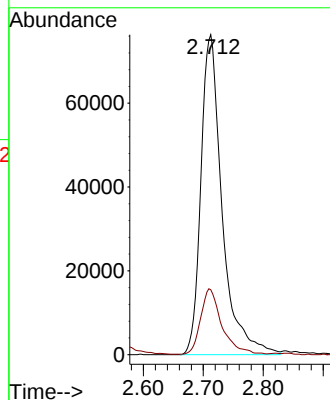
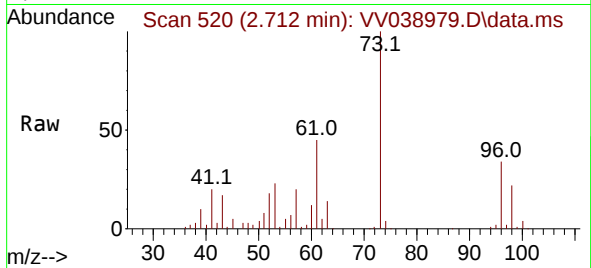




#19
Methyl tert-butyl Ether
Concen: 10.920 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

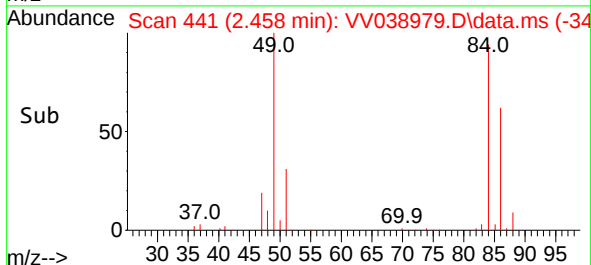
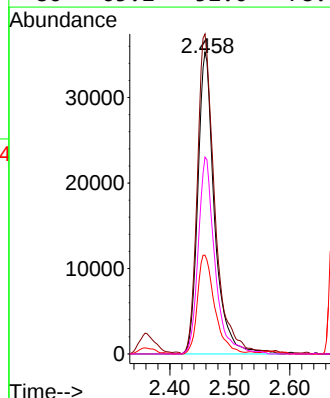
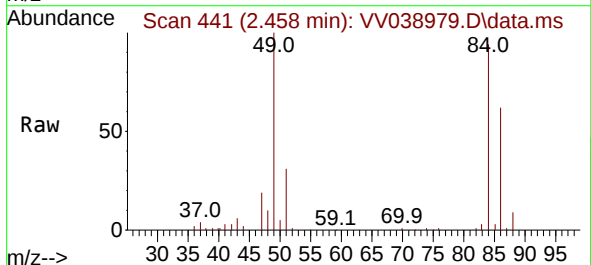
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

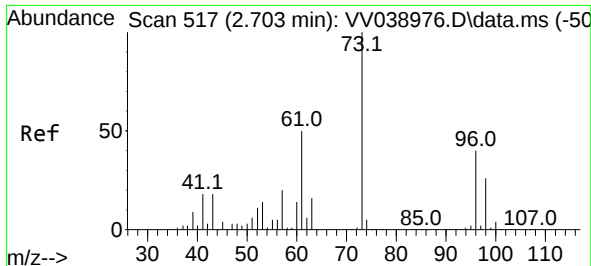
Tgt Ion: 73 Resp: 188007
Ion Ratio Lower Upper
73 100
57 20.1 15.7 23.5



#20
Methylene Chloride
Concen: 10.210 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 84 Resp: 68554
Ion Ratio Lower Upper
84 100
49 105.6 81.9 122.9
51 32.7 26.9 40.3
86 65.2 52.0 78.0

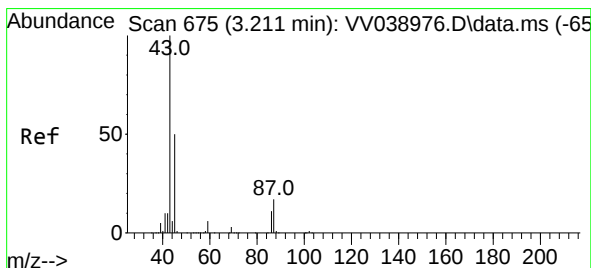
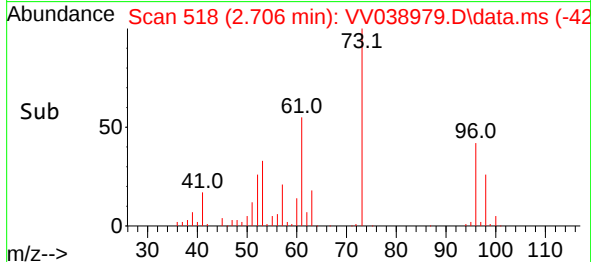
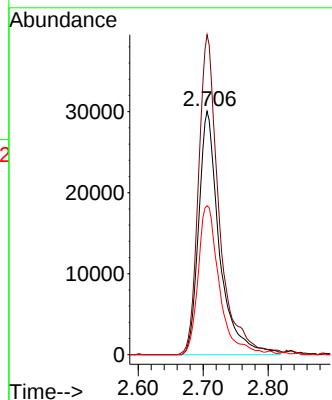
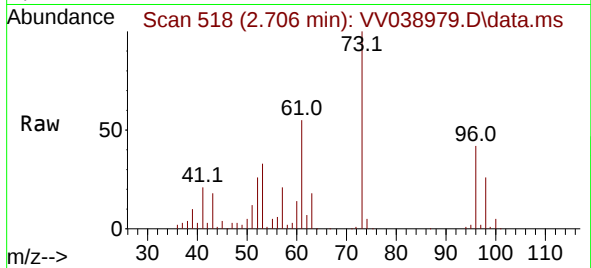




#21
trans-1,2-Dichloroethene
Concen: 11.015 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

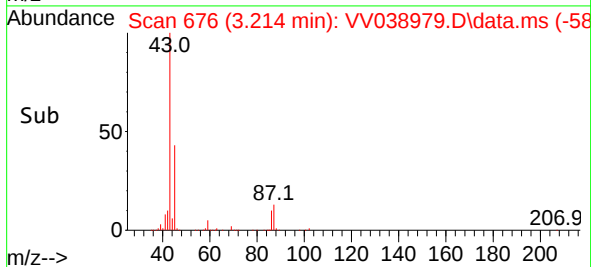
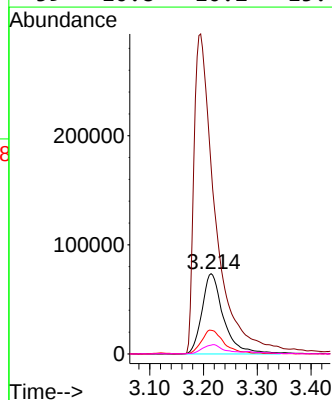
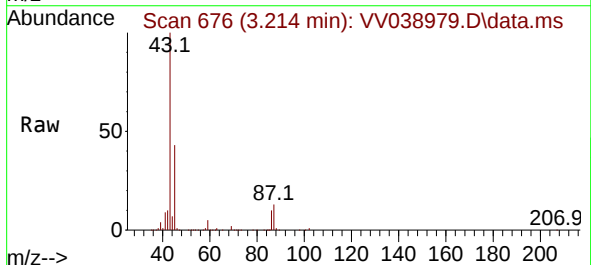
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

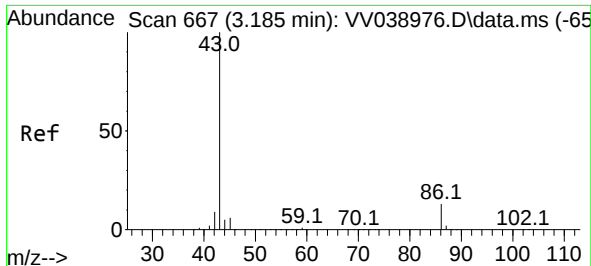
Tgt Ion: 96 Resp: 66805
Ion Ratio Lower Upper
96 100
61 131.1 100.6 151.0
98 61.2 51.5 77.3



#22
Diisopropyl ether
Concen: 12.029 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 45 Resp: 205325
Ion Ratio Lower Upper
45 100
43 233.6 159.4 239.0
87 29.1 27.5 41.3
59 10.8 10.2 15.4

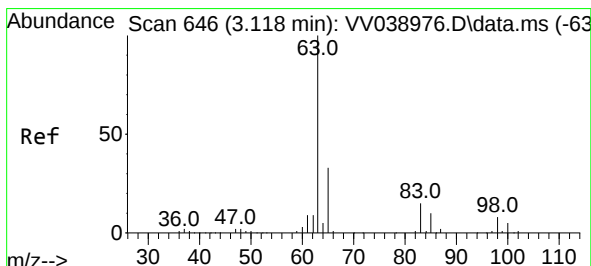
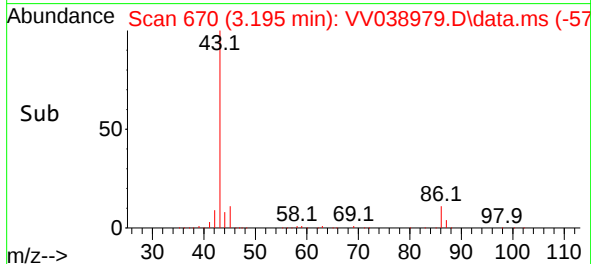
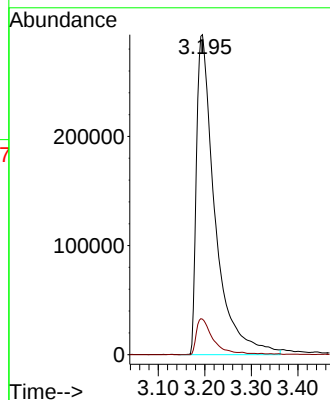
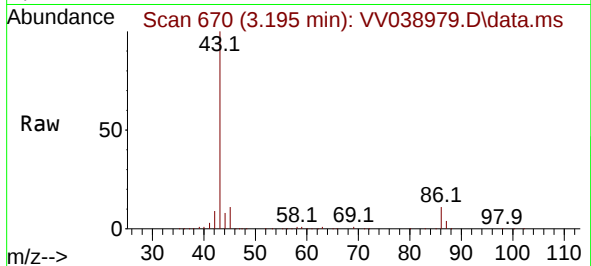




#23
 Vinyl Acetate
 Concen: 59.446 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

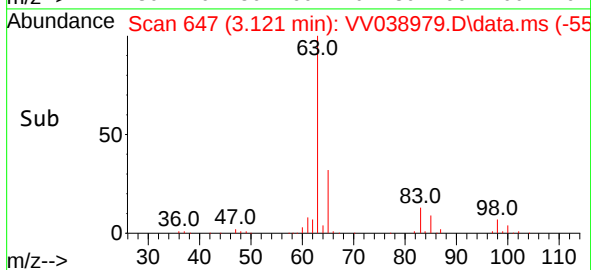
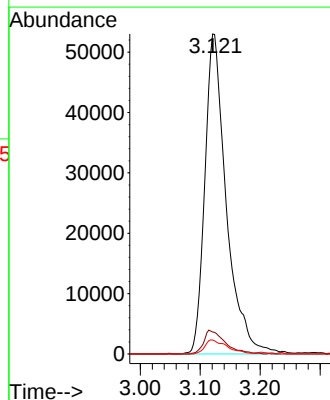
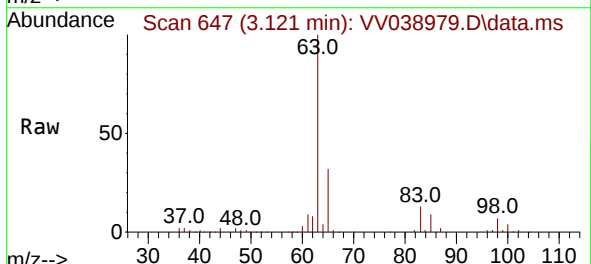
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

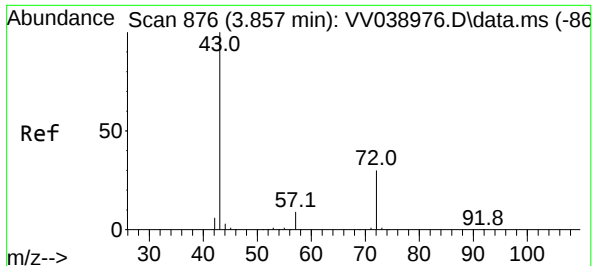
Tgt Ion: 43 Resp: 812363
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 11.685 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

Tgt Ion: 63 Resp: 132116
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.3 12.8
 100 4.4 2.6 8.0

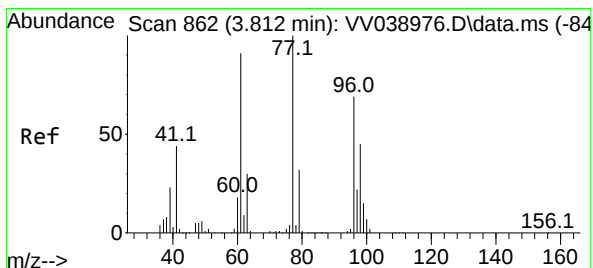
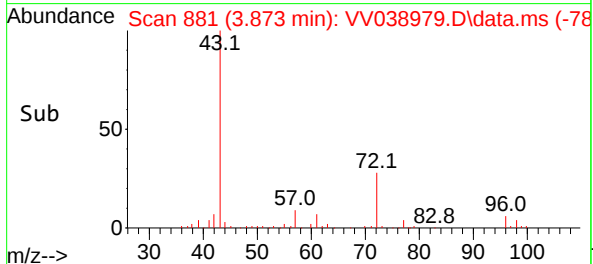
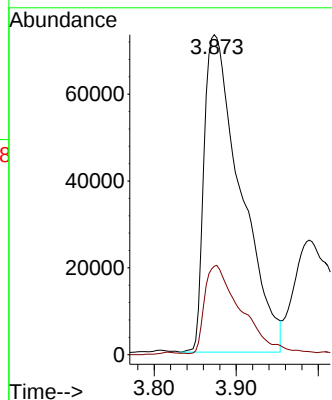
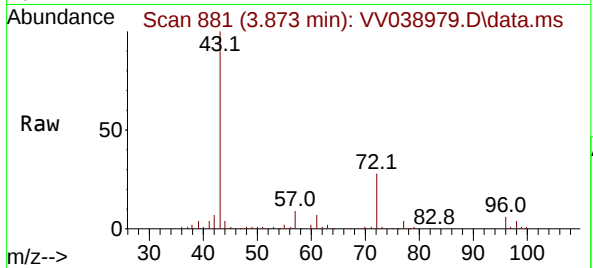




#25
2-Butanone
Concen: 59.013 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.016 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

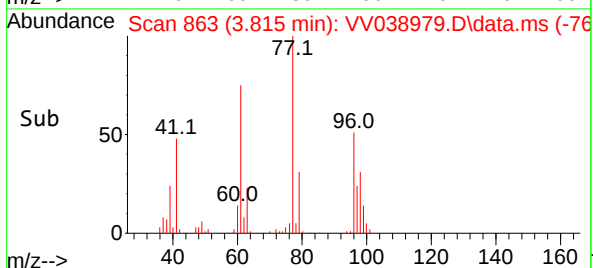
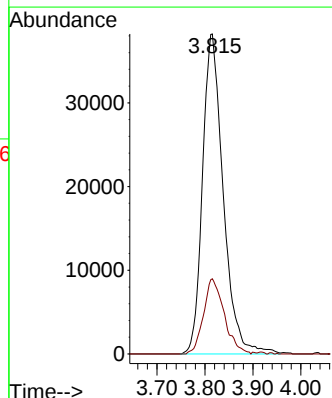
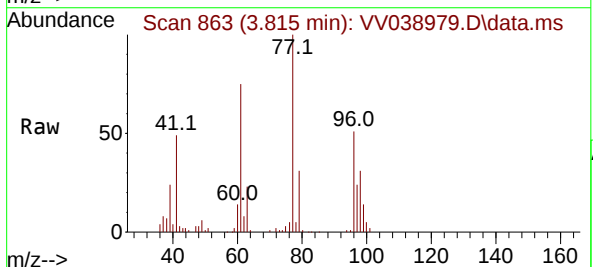
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

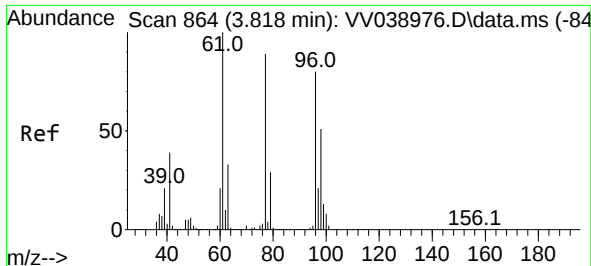
Tgt Ion: 43 Resp: 226609
Ion Ratio Lower Upper
43 100
72 27.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 10.575 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 77 Resp: 114703
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8

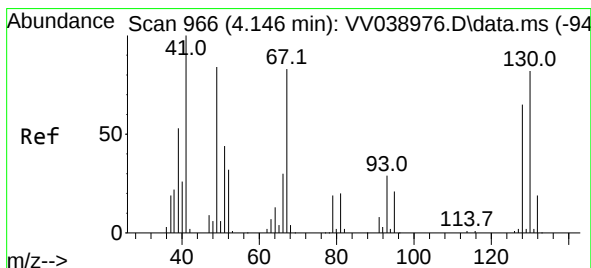
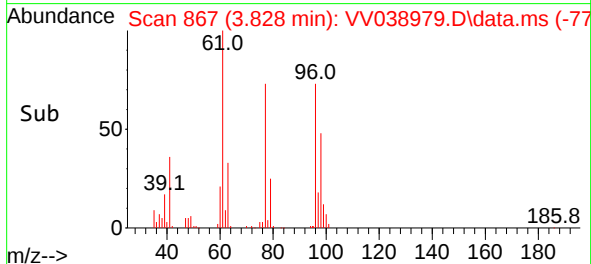
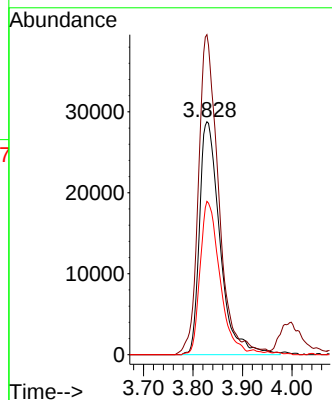
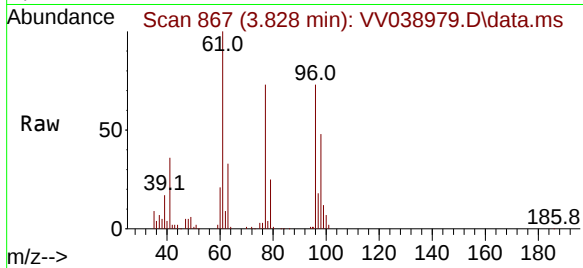




#27
 cis-1,2-Dichloroethene
 Concen: 11.301 ug/l
 RT: 3.828 min Scan# 864
 Delta R.T. 0.010 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

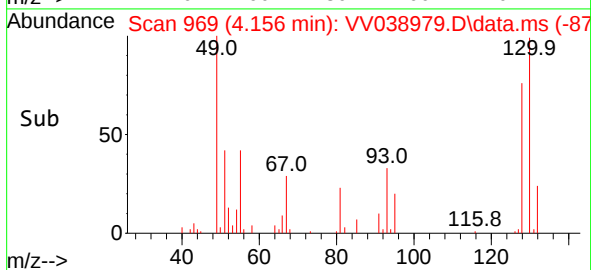
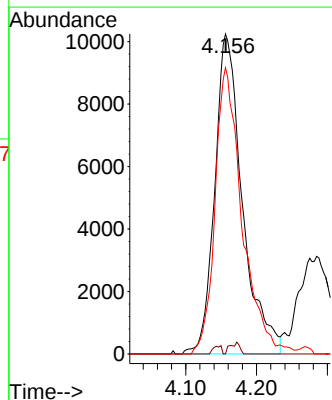
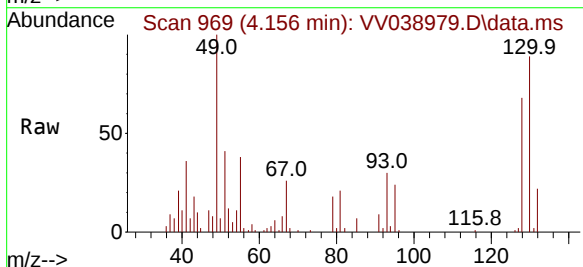
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

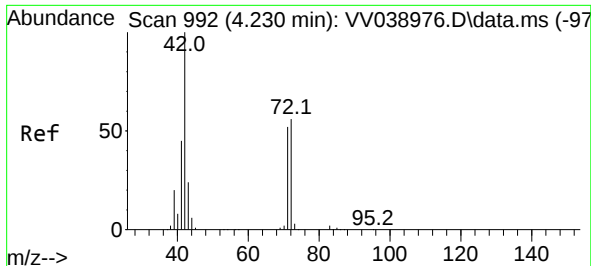
Tgt Ion: 96 Resp: 82723
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 264.4
 98 63.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 9.730 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.010 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

Tgt Ion: 49 Resp: 27758
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.2
 130 87.7 78.2 117.2





#29

Tetrahydrofuran

Concen: 59.624 ug/l

RT: 4.240 min Scan# 99

Delta R.T. 0.010 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

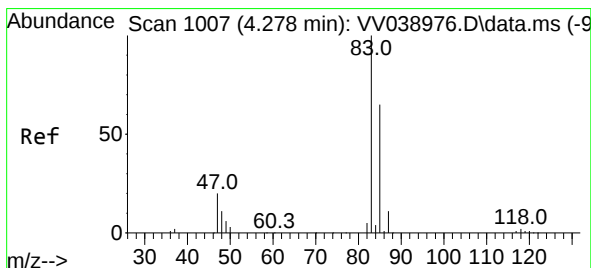
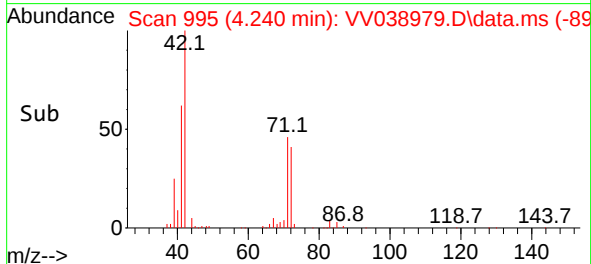
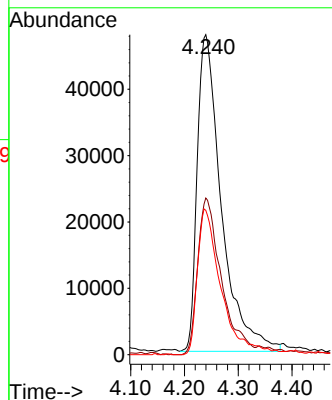
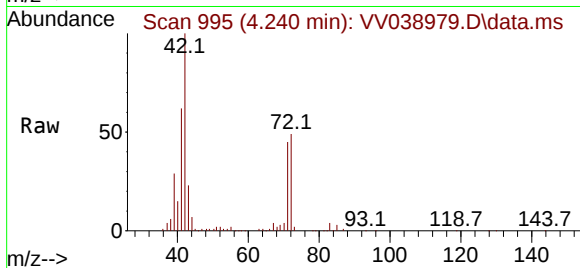
Tgt Ion: 42 Resp: 149149

Ion Ratio Lower Upper

42 100

72 48.5 44.6 66.8

71 44.8 41.6 62.4



#30

Chloroform

Concen: 10.437 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV038979.D

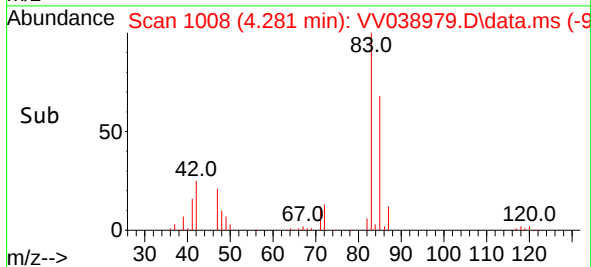
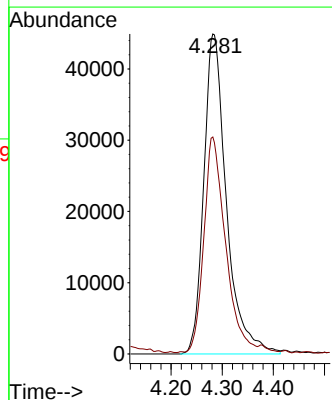
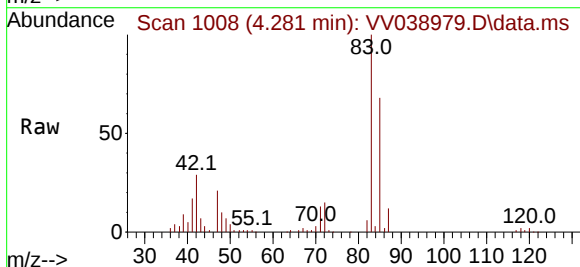
Acq: 21 Aug 2025 11:45

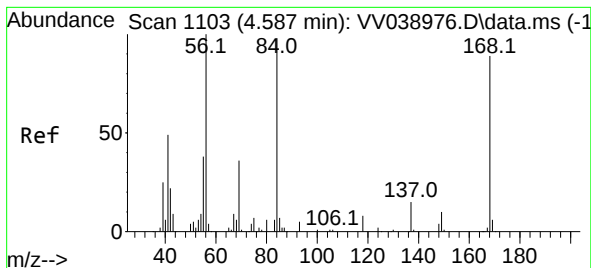
Tgt Ion: 83 Resp: 138197

Ion Ratio Lower Upper

83 100

85 67.1 52.2 78.2





#31

Cyclohexane

Concen: 11.279 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

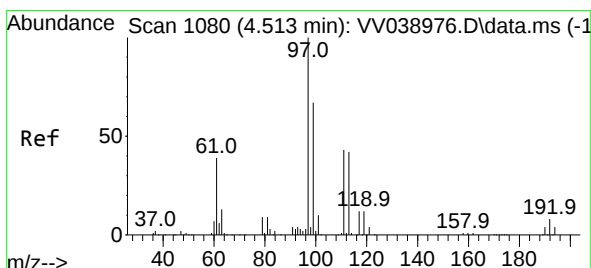
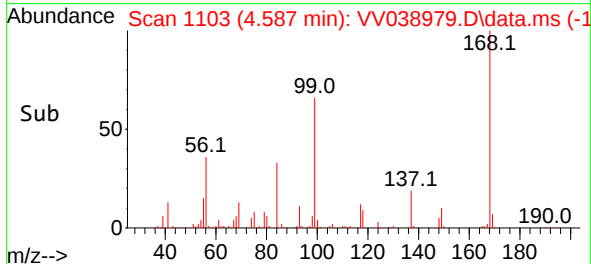
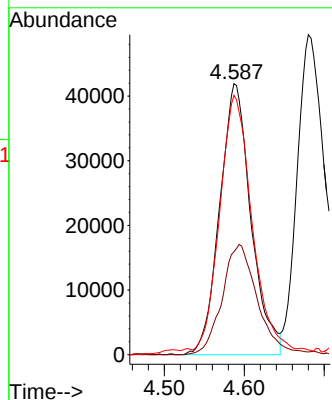
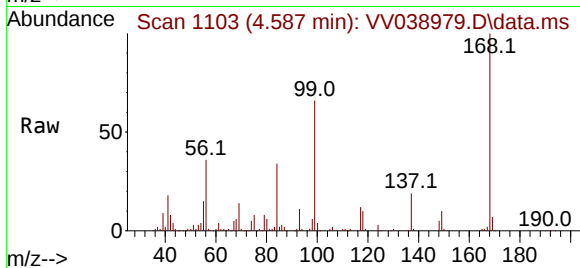
Tgt Ion: 56 Resp: 113783

Ion Ratio Lower Upper

56 100

69 37.9 28.6 42.8

84 94.2 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 10.533 ug/l

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

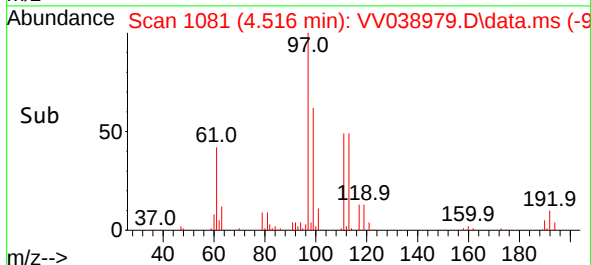
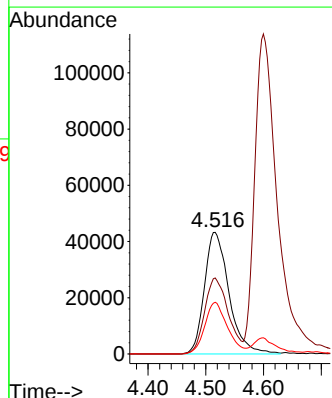
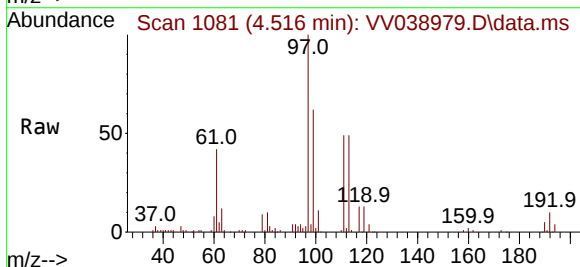
Tgt Ion: 97 Resp: 127866

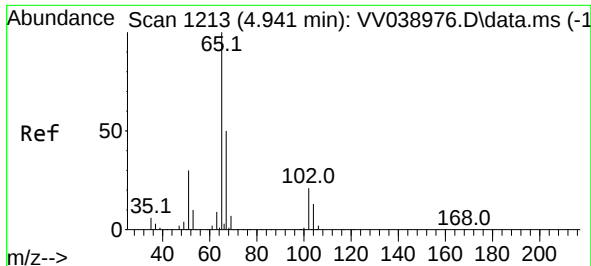
Ion Ratio Lower Upper

97 100

99 60.2 49.5 74.3

61 39.1 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 10.074 ug/l

RT: 4.953 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

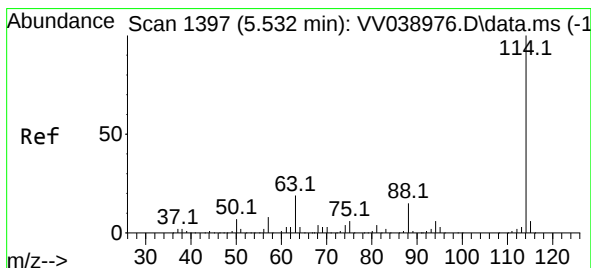
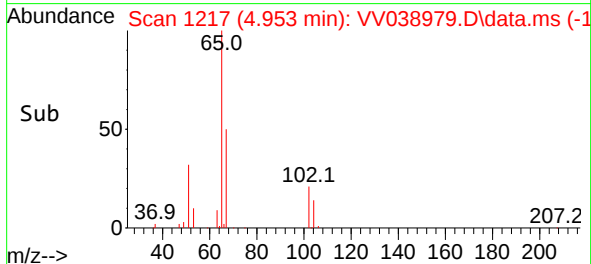
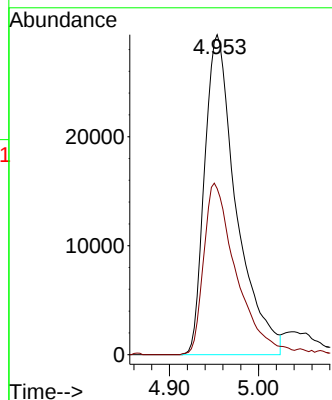
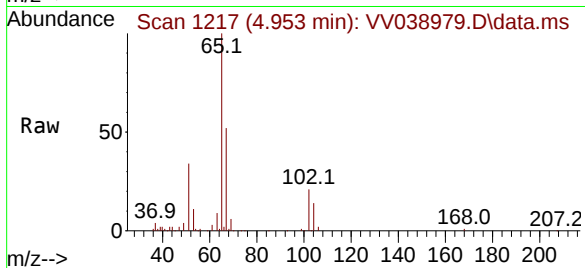
VSTDIC010

Tgt Ion: 65 Resp: 72519

Ion Ratio Lower Upper

65 100

67 55.0 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

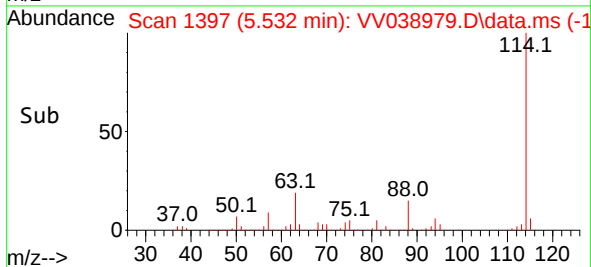
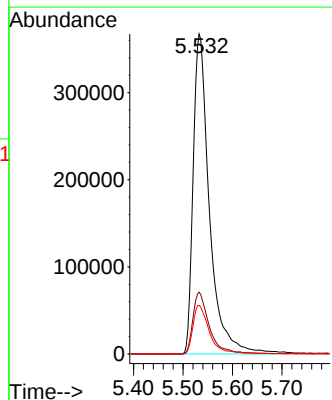
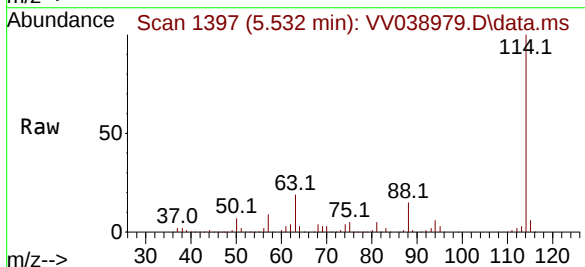
Tgt Ion: 114 Resp: 841230

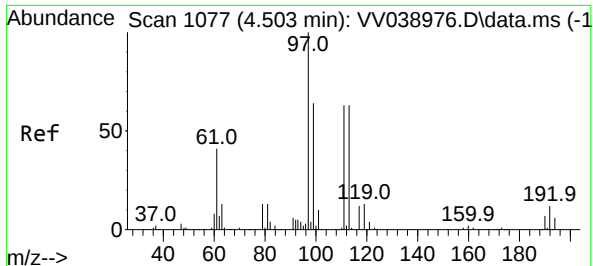
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.2 0.0 30.4

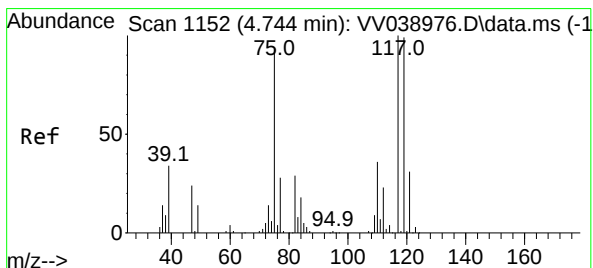
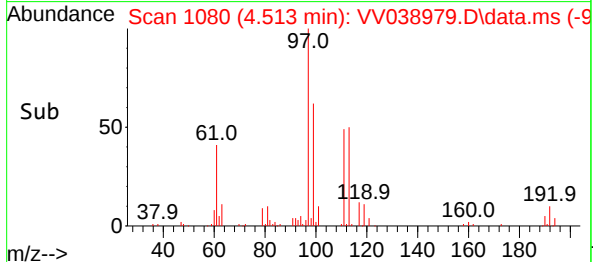
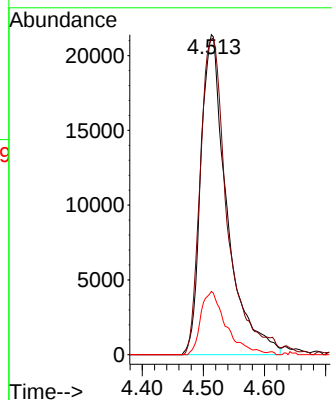
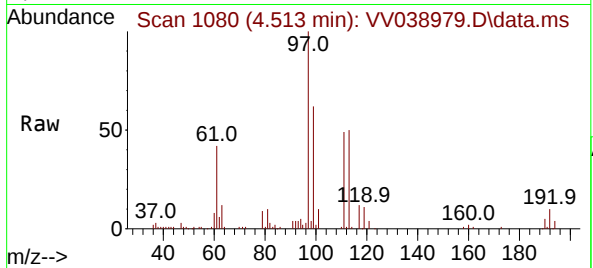




#35
Dibromofluoromethane
Concen: 10.053 ug/l
RT: 4.513 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

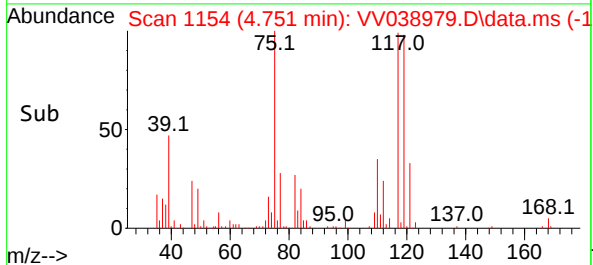
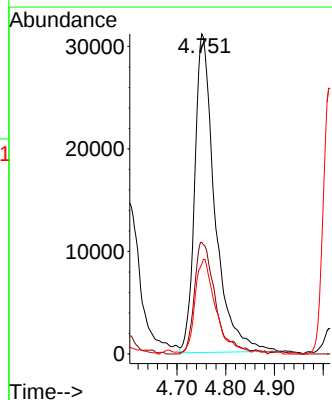
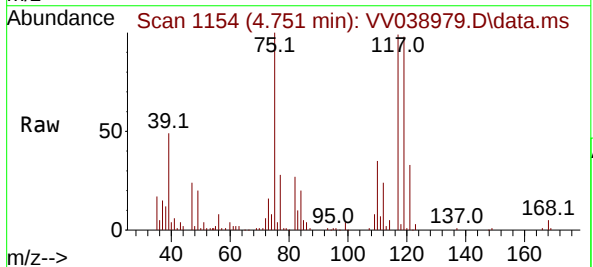
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

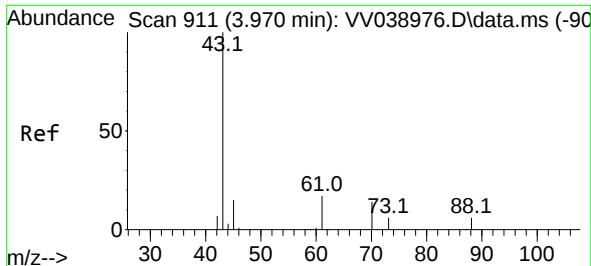
Tgt Ion:113 Resp: 63422
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 10.923 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 75 Resp: 89493
Ion Ratio Lower Upper
75 100
110 37.0 19.6 58.7
77 29.2 24.4 36.6





#37

Ethyl Acetate

Concen: 10.390 ug/l

RT: 3.989 min Scan# 911

Delta R.T. 0.019 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

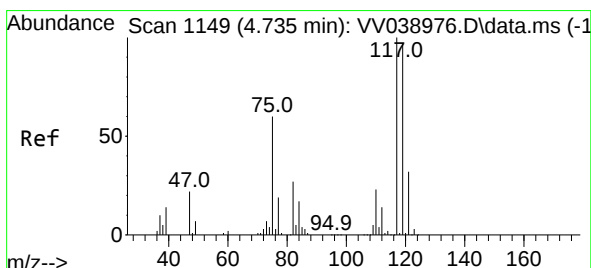
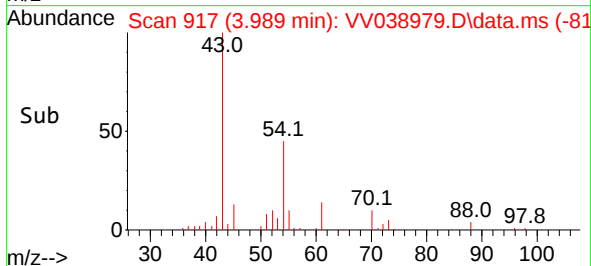
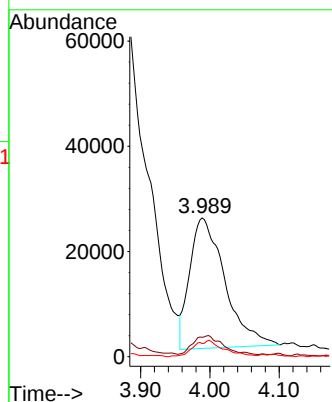
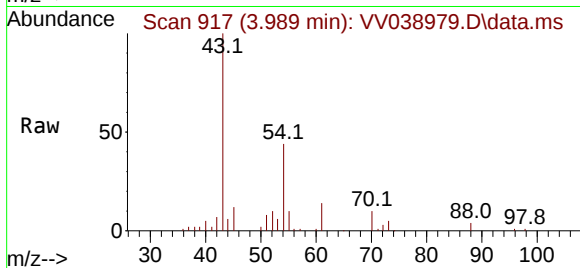
Tgt Ion: 43 Resp: 87506

Ion Ratio Lower Upper

43 100

61 11.2 12.6 19.0#

70 3.7 10.2 15.4#



#38

Carbon Tetrachloride

Concen: 10.128 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

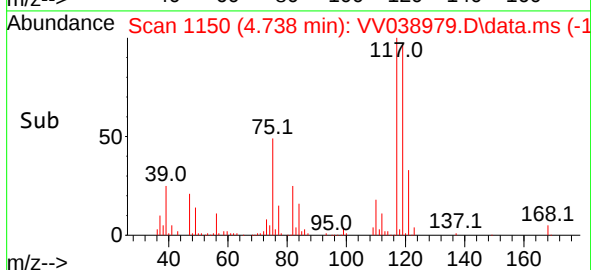
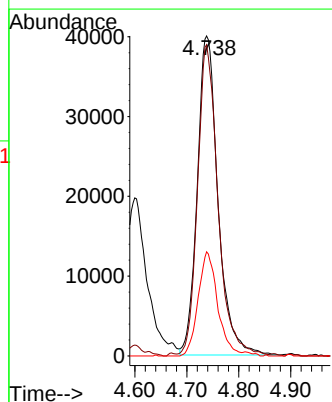
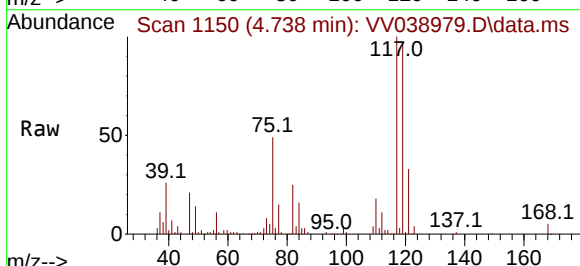
Tgt Ion: 117 Resp: 111116

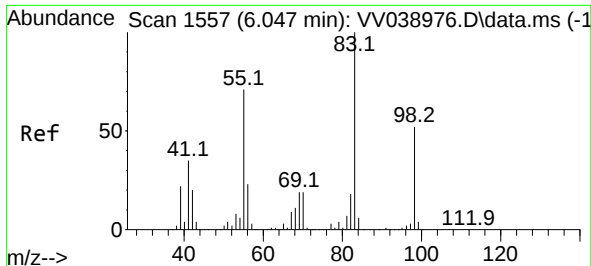
Ion Ratio Lower Upper

117 100

119 97.2 77.1 115.7

121 32.7 25.4 38.2





#39

Methylcyclohexane

Concen: 10.424 ug/l

RT: 6.050 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

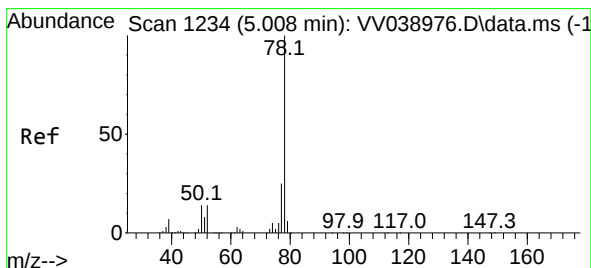
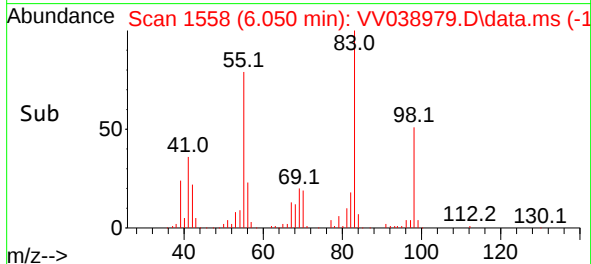
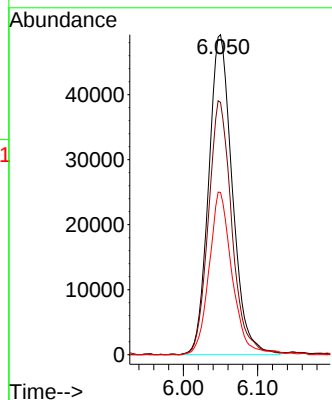
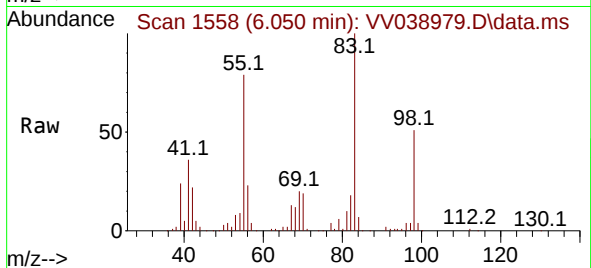
Tgt Ion: 83 Resp: 109123

Ion Ratio Lower Upper

83 100

55 78.9 57.0 85.6

98 50.7 41.3 61.9



#40

Benzene

Concen: 10.931 ug/l

RT: 5.015 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV038979.D

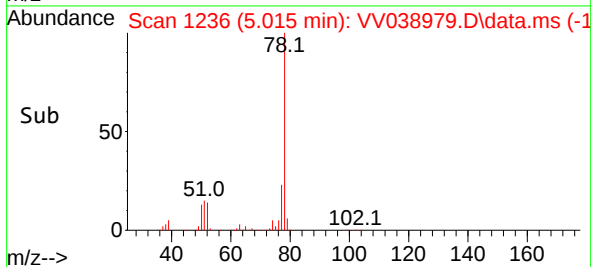
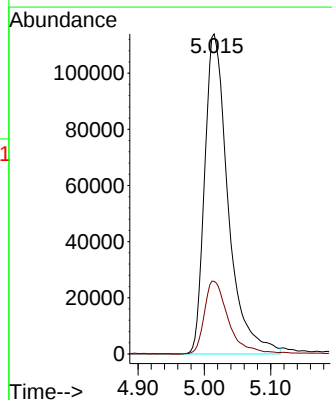
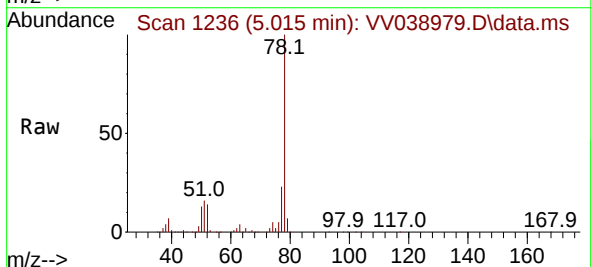
Acq: 21 Aug 2025 11:45

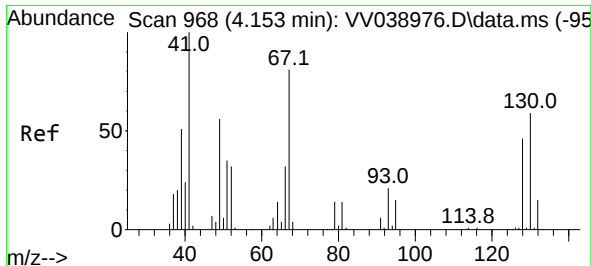
Tgt Ion: 78 Resp: 280508

Ion Ratio Lower Upper

78 100

77 22.7 19.6 29.4

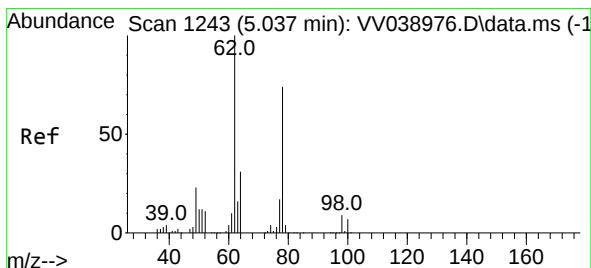
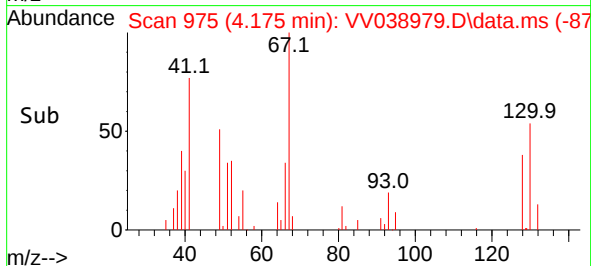
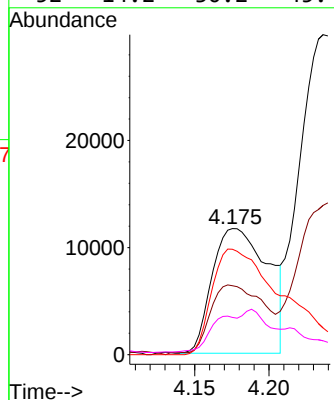
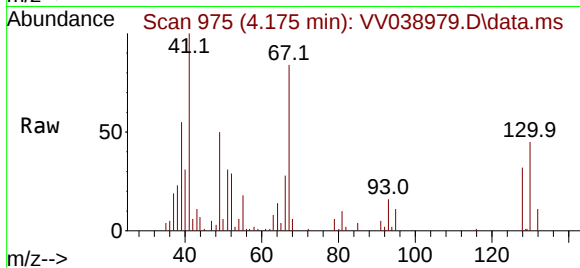




#41
Methacrylonitrile
Concen: 9.563 ug/l
RT: 4.175 min Scan# 91
Delta R.T. 0.023 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

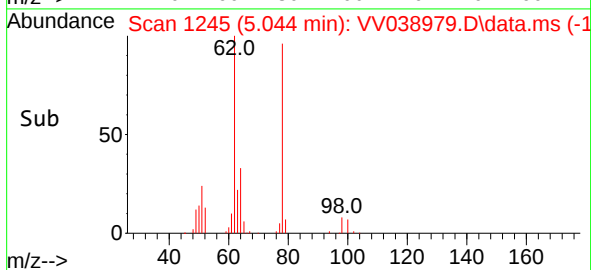
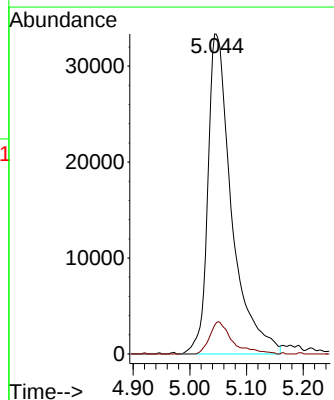
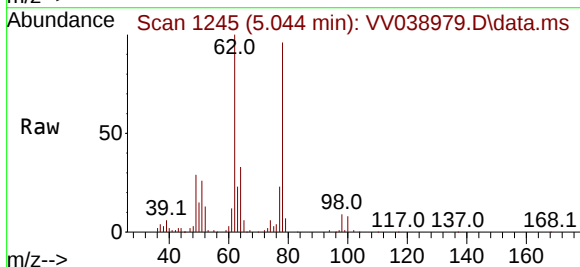
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

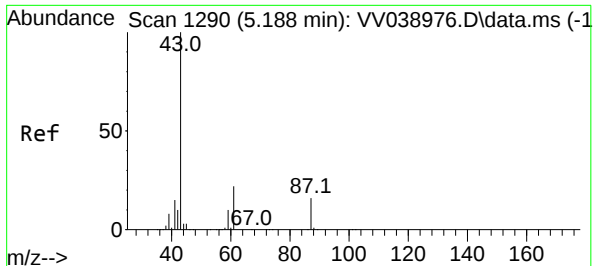
Tgt Ion:	41	Resp:	30444
Ion	Ratio	Lower	Upper
41	100		
39	50.9	45.5	68.3
67	116.1	83.5	125.3
52	14.2	30.2	45.4



#42
1,2-Dichloroethane
Concen: 10.396 ug/l
RT: 5.044 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:	62	Resp:	97528
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

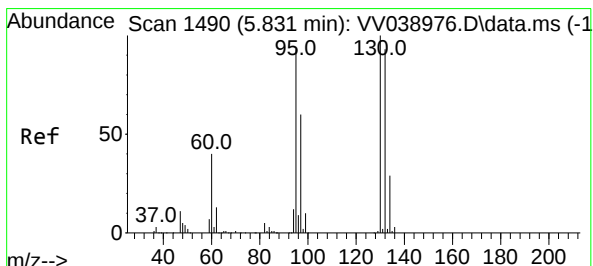
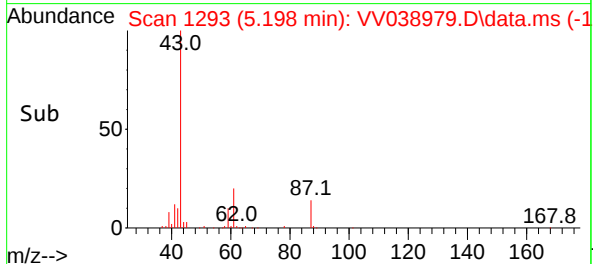
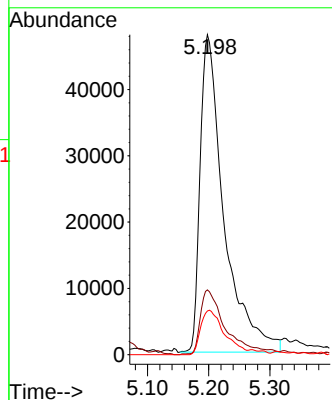
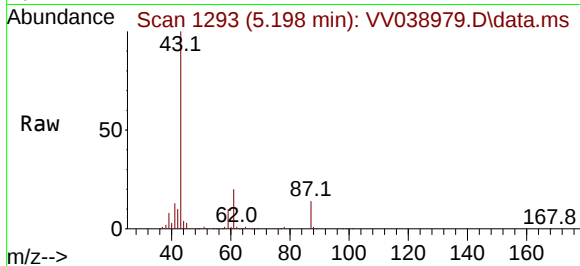




#43
Isopropyl Acetate
Concen: 10.677 ug/l
RT: 5.198 min Scan# 1290
Delta R.T. 0.010 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

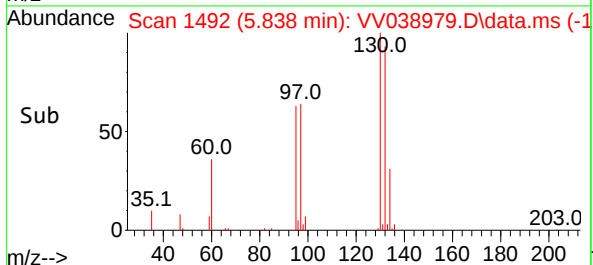
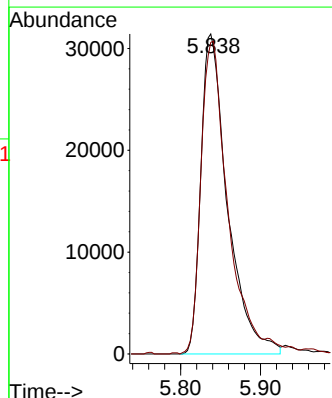
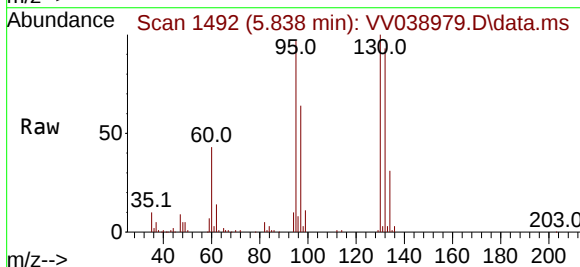
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

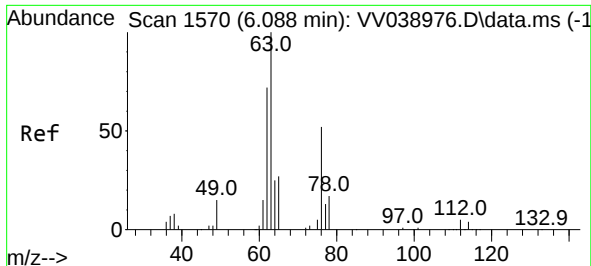
Tgt Ion: 43 Resp: 129564
Ion Ratio Lower Upper
43 100
61 21.9 17.4 26.2
87 13.9 13.3 19.9



#44
Trichloroethene
Concen: 10.475 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 130 Resp: 72915
Ion Ratio Lower Upper
130 100
95 97.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 11.625 ug/l

RT: 6.095 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

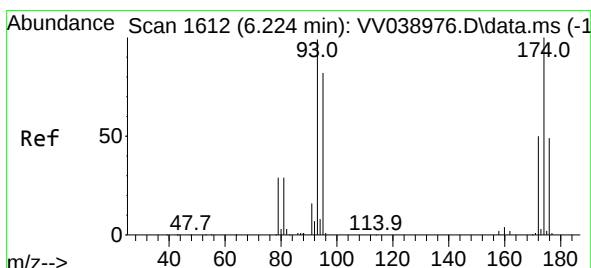
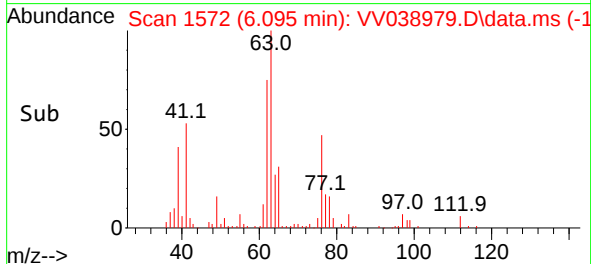
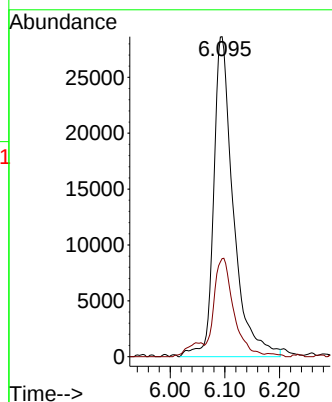
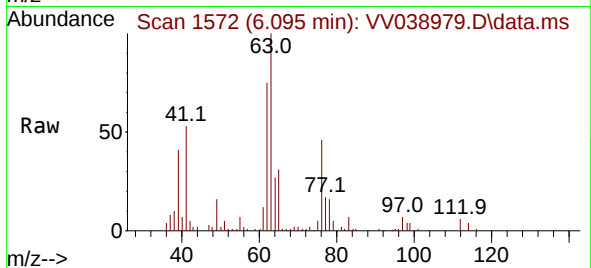
VSTDICC010

Tgt Ion: 63 Resp: 71544

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



#46

Dibromomethane

Concen: 10.378 ug/l

RT: 6.233 min Scan# 1615

Delta R.T. 0.010 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

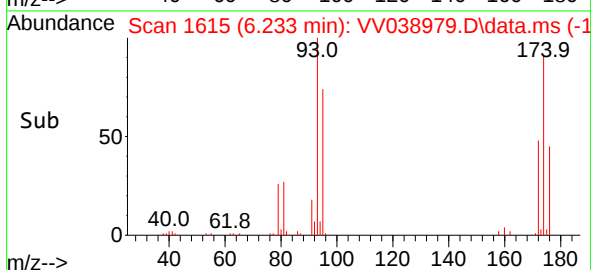
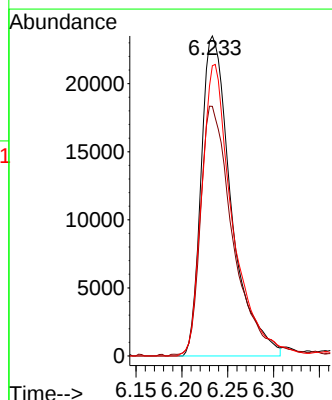
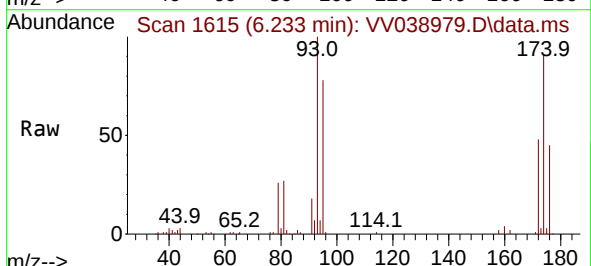
Tgt Ion: 93 Resp: 53591

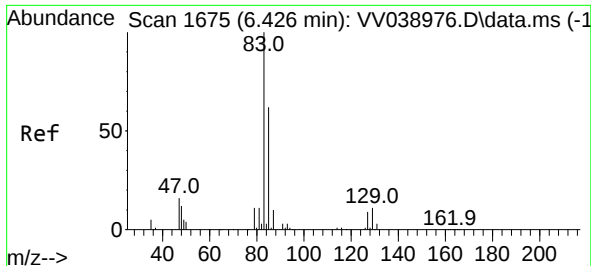
Ion Ratio Lower Upper

93 100

95 84.7 66.4 99.6

174 93.6 79.7 119.5

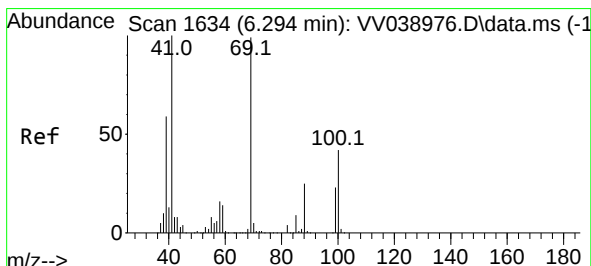
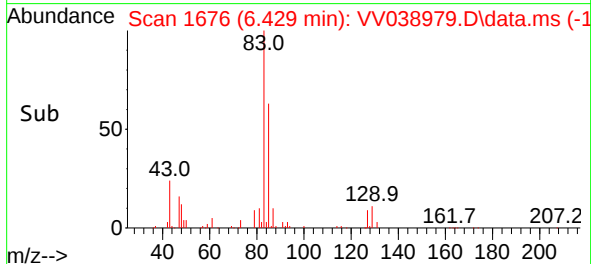
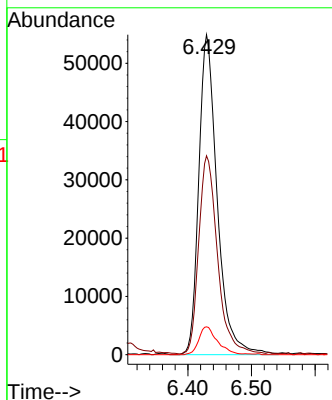
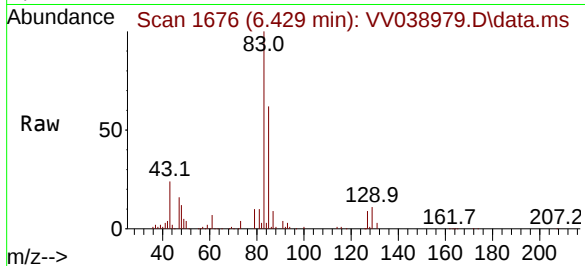




#47
Bromodichloromethane
Concen: 10.523 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

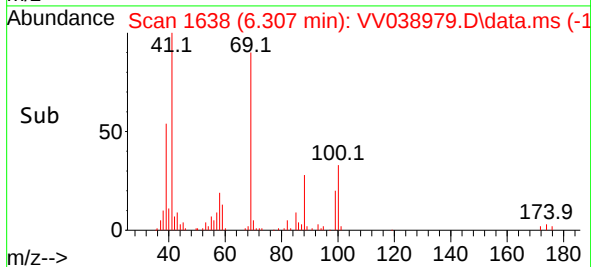
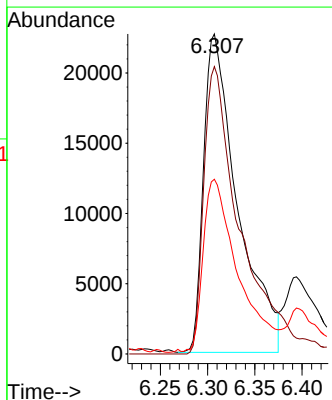
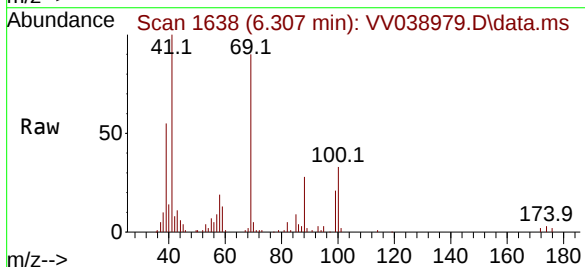
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

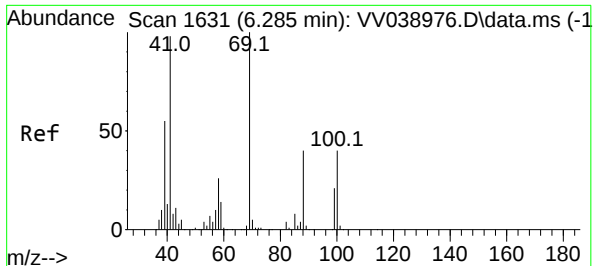
Tgt Ion: 83 Resp: 110590
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 10.553 ug/l
RT: 6.307 min Scan# 1638
Delta R.T. 0.013 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 41 Resp: 56711
Ion Ratio Lower Upper
41 100
69 97.9 82.5 123.7
39 54.5 46.6 69.8





#49

1,4-Dioxane

Concen: 234.918 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

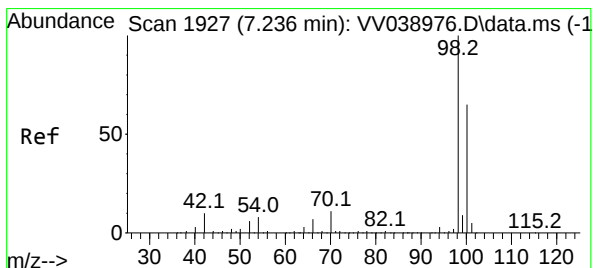
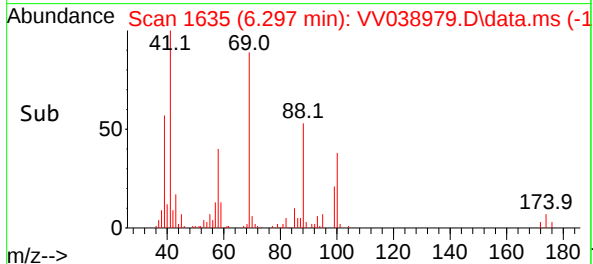
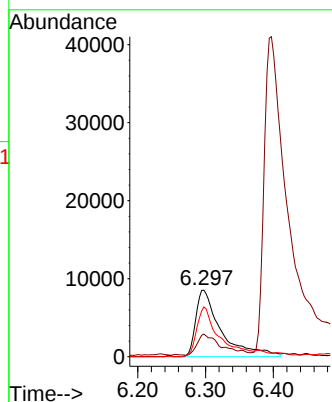
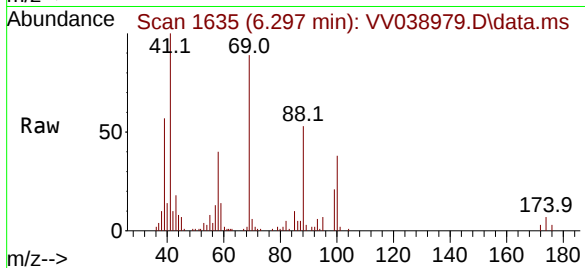
Tgt Ion: 88 Resp: 22045

Ion Ratio Lower Upper

88 100

43 28.5 24.6 36.8

58 65.1 51.8 77.6



#50

Toluene-d8

Concen: 9.581 ug/l

RT: 7.240 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038979.D

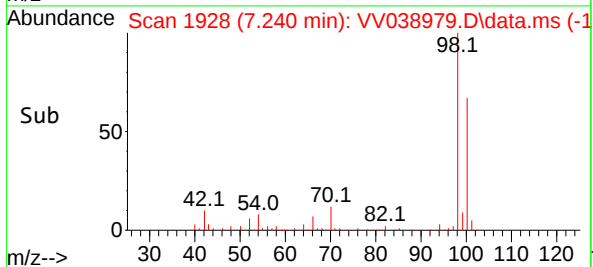
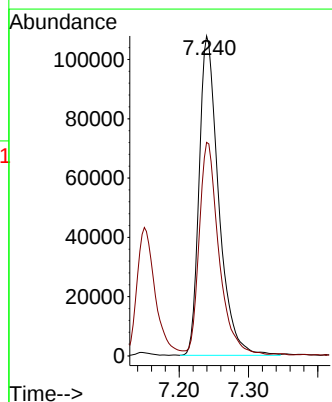
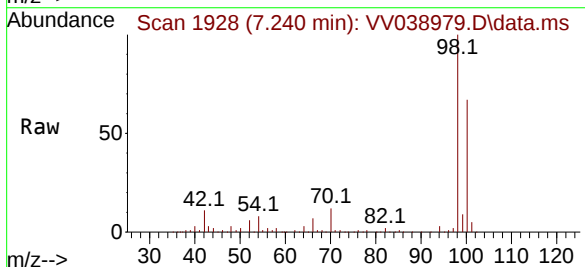
Acq: 21 Aug 2025 11:45

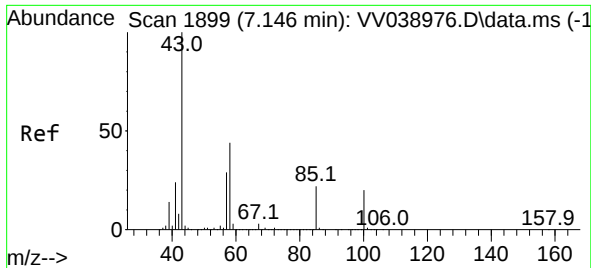
Tgt Ion: 98 Resp: 210765

Ion Ratio Lower Upper

98 100

100 66.9 52.2 78.2

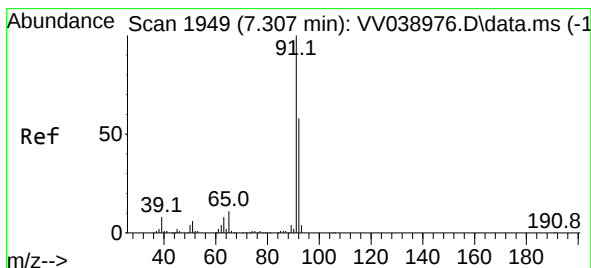
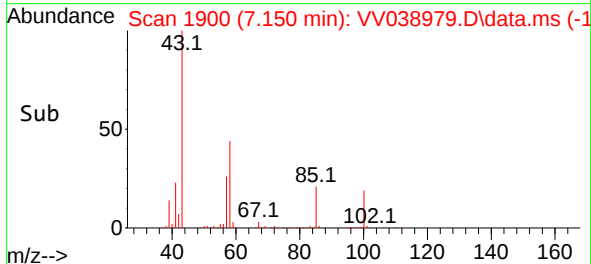
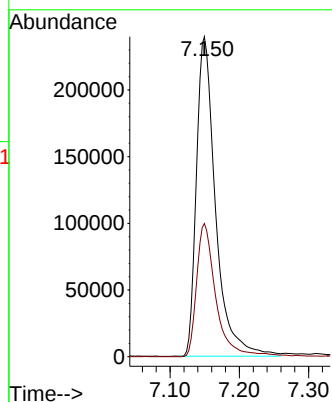
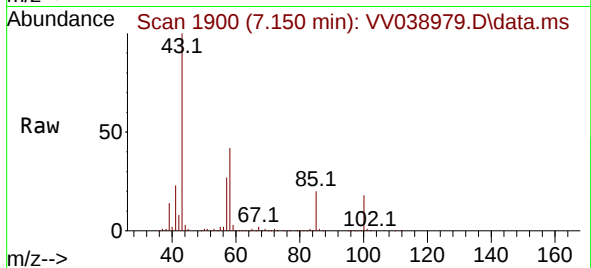




#51
4-Methyl-2-Pentanone
Concen: 56.704 ug/l
RT: 7.150 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

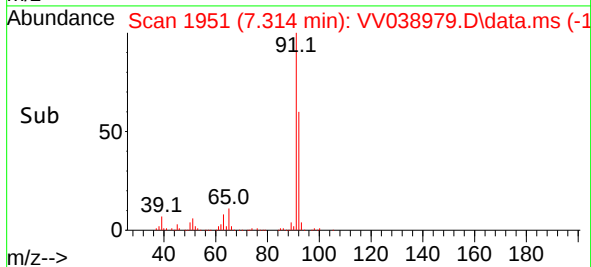
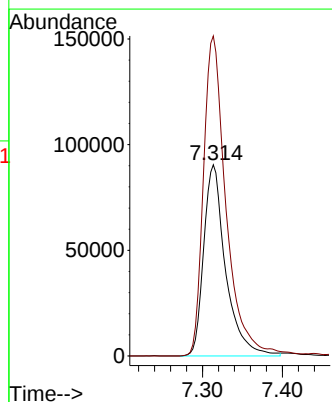
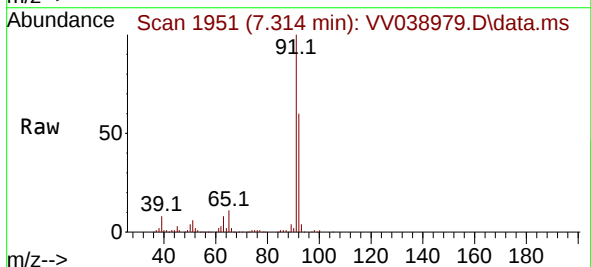
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

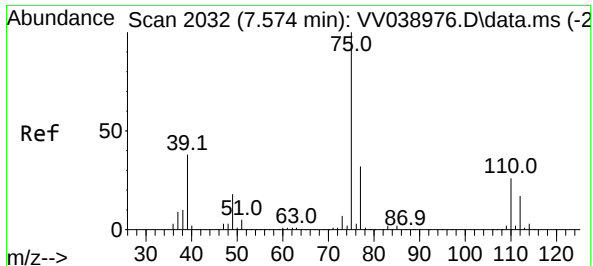
Tgt Ion: 43 Resp: 461727
Ion Ratio Lower Upper
43 100
58 41.9 34.6 51.8



#52
Toluene
Concen: 10.622 ug/l
RT: 7.314 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 92 Resp: 172633
Ion Ratio Lower Upper
92 100
91 173.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 10.127 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

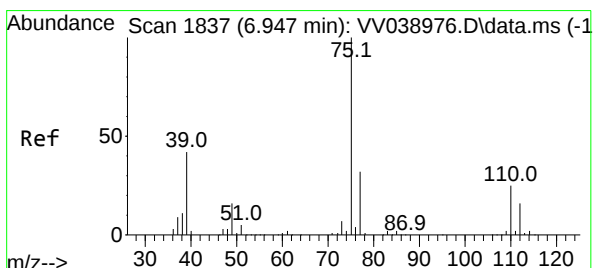
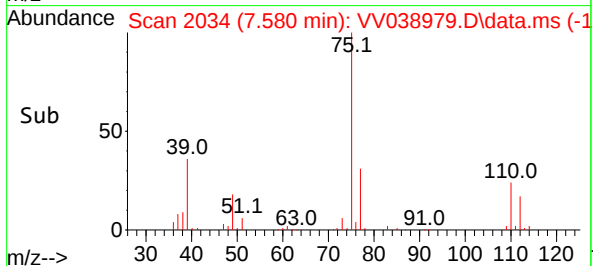
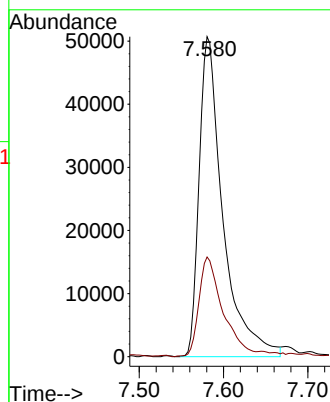
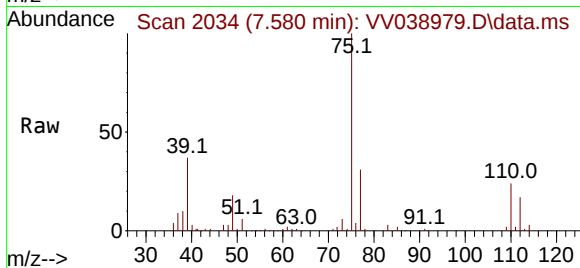
VSTDIC010

Tgt Ion: 75 Resp: 99499

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 10.911 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

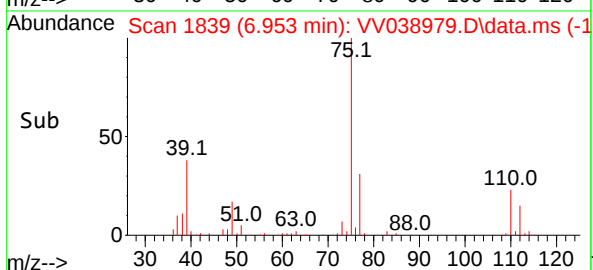
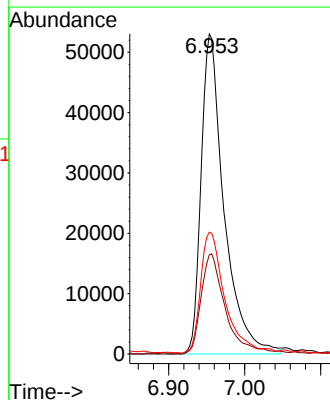
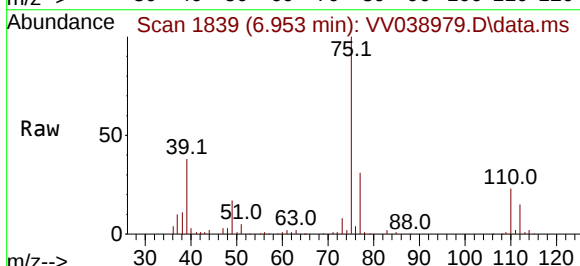
Tgt Ion: 75 Resp: 111069

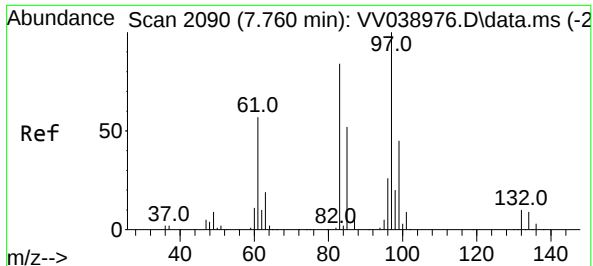
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 37.7 33.3 49.9

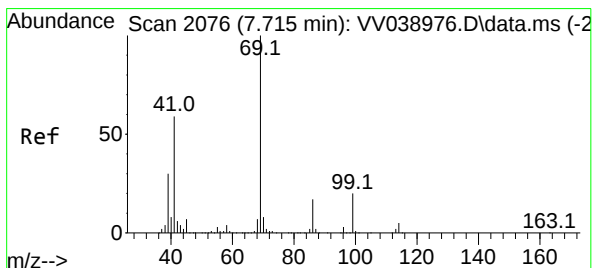
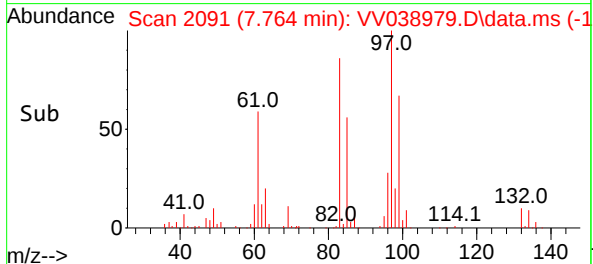
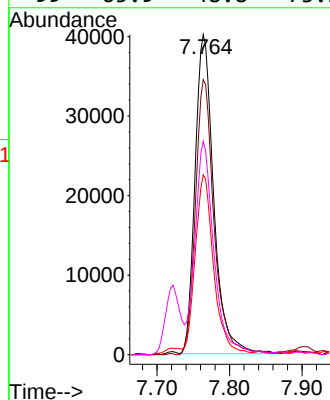
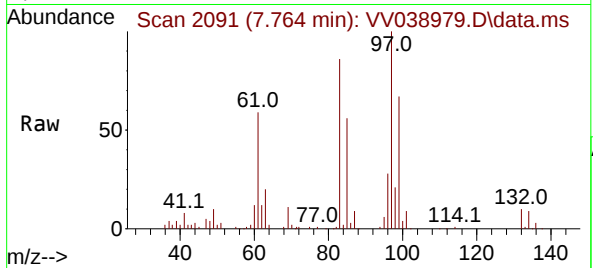




#55
1,1,2-Trichloroethane
Concen: 10.130 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

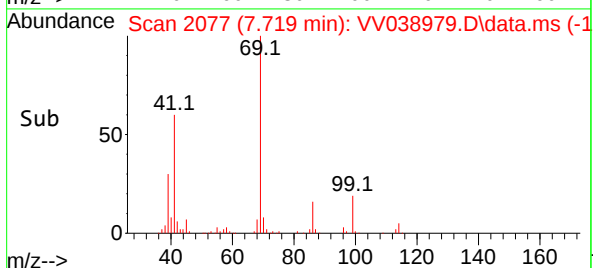
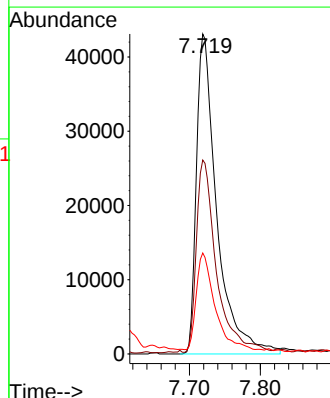
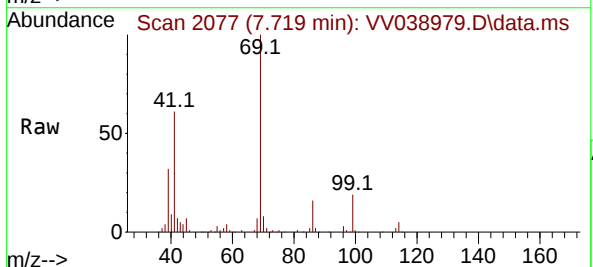
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

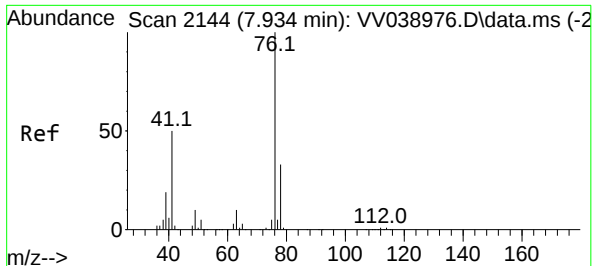
Tgt Ion:	97	Resp:	71784
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.2	100.8
85	56.0	42.7	64.1
99	65.9	48.8	73.2



#56
Ethyl methacrylate
Concen: 9.551 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.004 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:	69	Resp:	86106
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.5	71.3
39	27.6	24.2	36.2





#57

1,3-Dichloropropane

Concen: 10.733 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

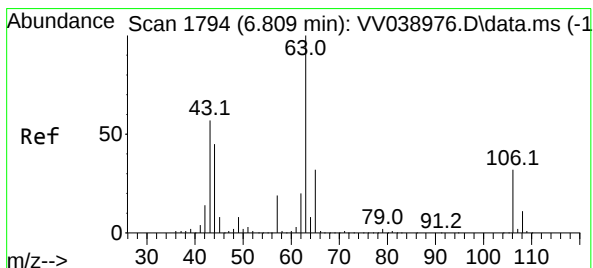
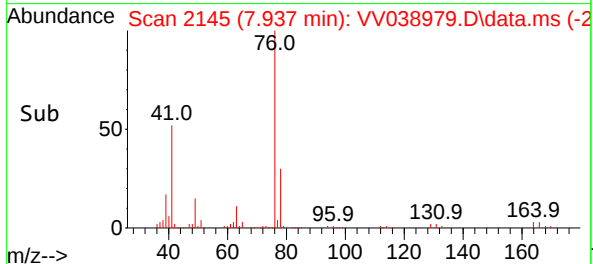
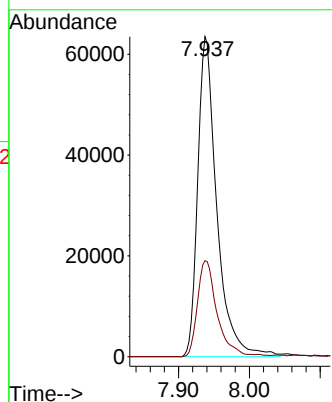
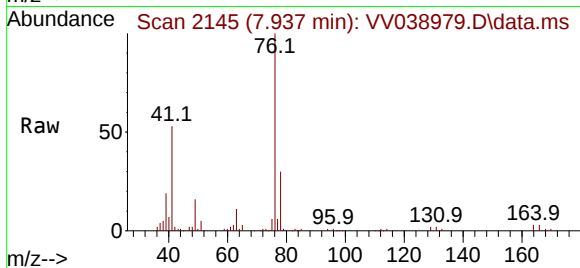
VSTDIC010

Tgt Ion: 76 Resp: 118588

Ion Ratio Lower Upper

76 100

78 30.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 51.240 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV038979.D

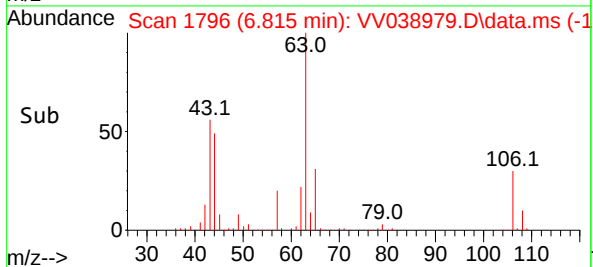
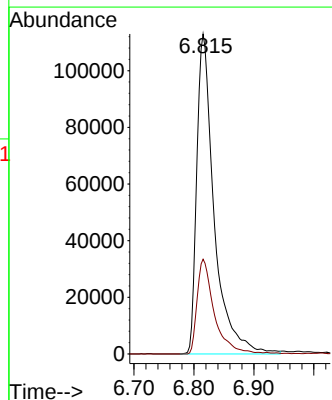
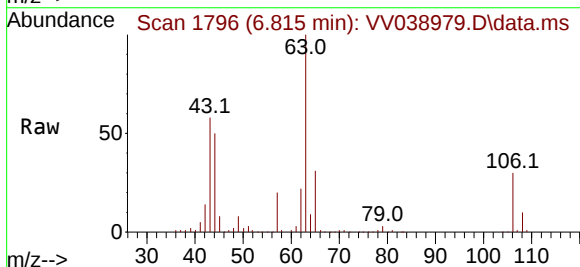
Acq: 21 Aug 2025 11:45

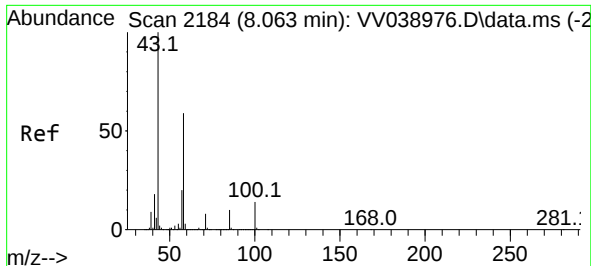
Tgt Ion: 63 Resp: 228069

Ion Ratio Lower Upper

63 100

106 29.1 25.6 38.4

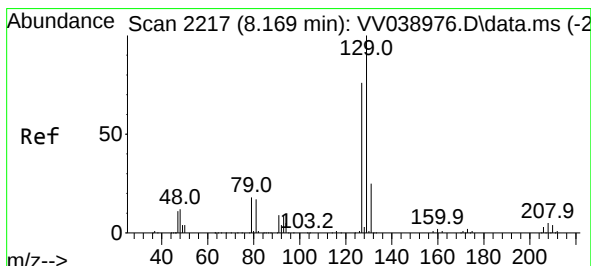
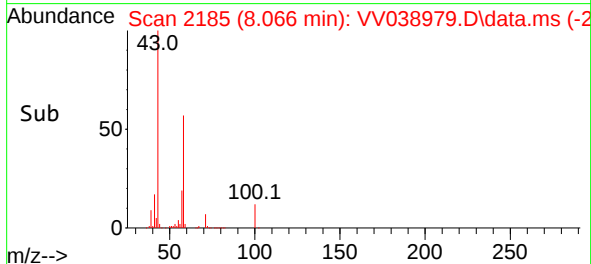
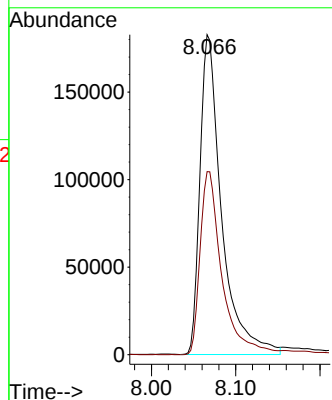
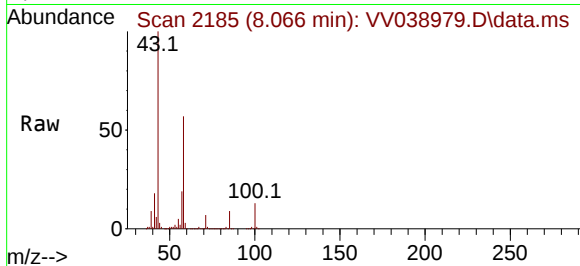




#59
2-Hexanone
Concen: 47.855 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

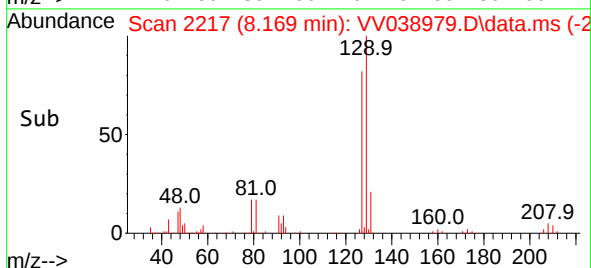
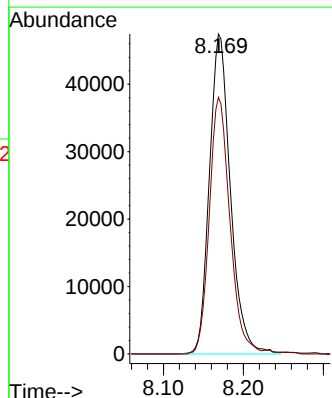
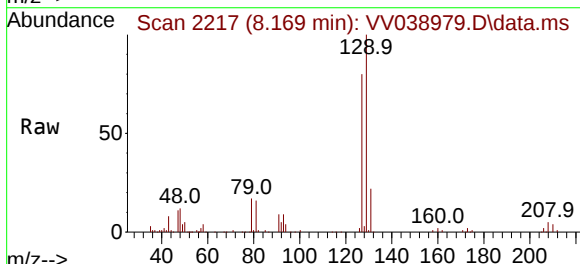
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

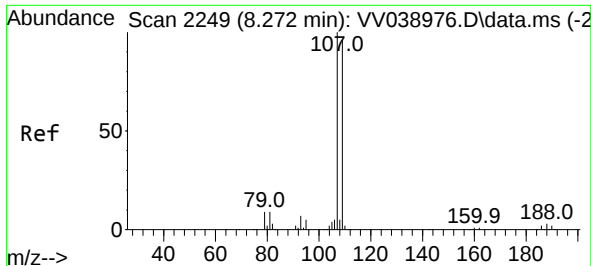
Tgt Ion: 43 Resp: 326400
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.4



#60
Dibromochloromethane
Concen: 10.138 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:129 Resp: 86741
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.1

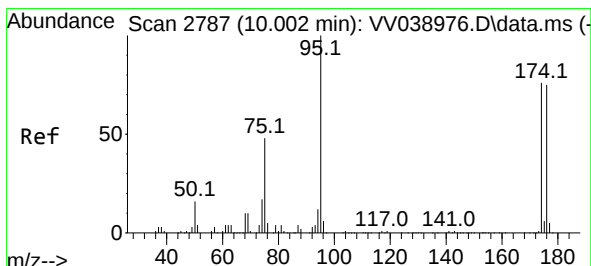
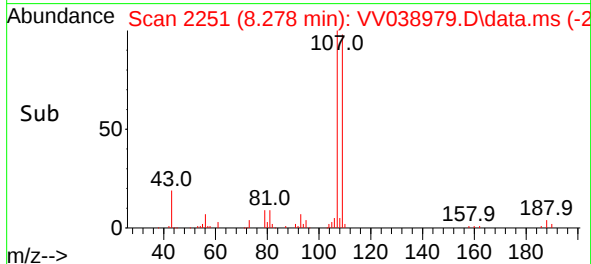
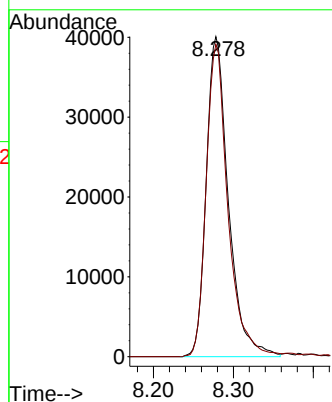
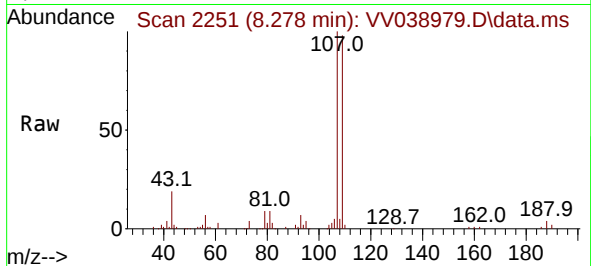




#61
1,2-Dibromoethane
Concen: 10.514 ug/l
RT: 8.278 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

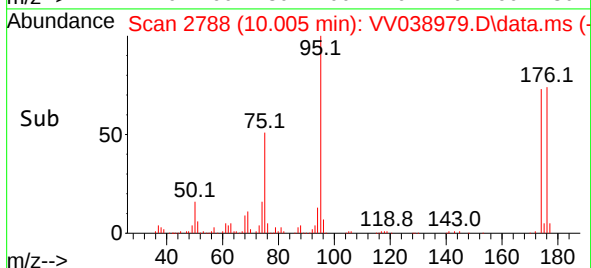
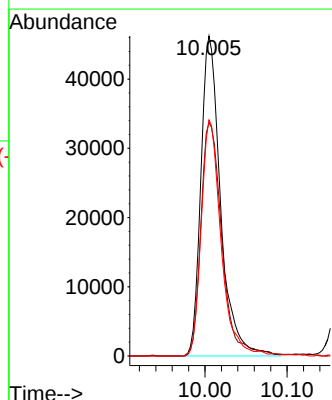
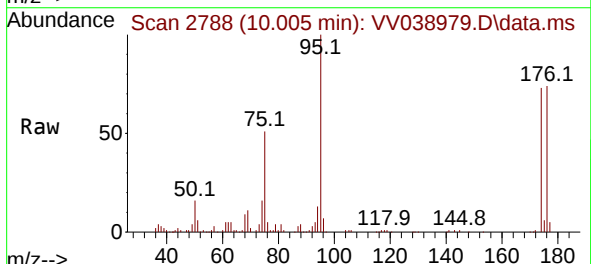
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

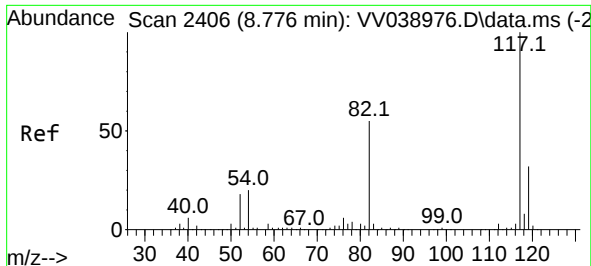
Tgt Ion:107 Resp: 77293
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 9.589 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 95 Resp: 77169
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.4
176 73.8 0.0 148.6

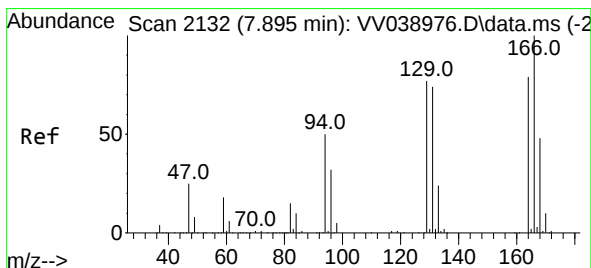
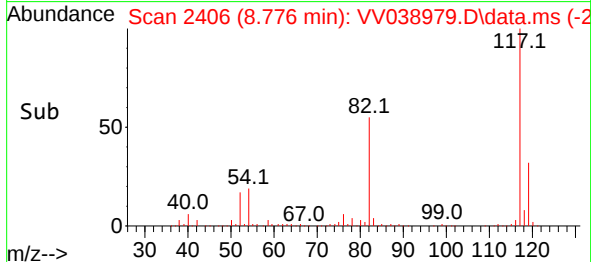
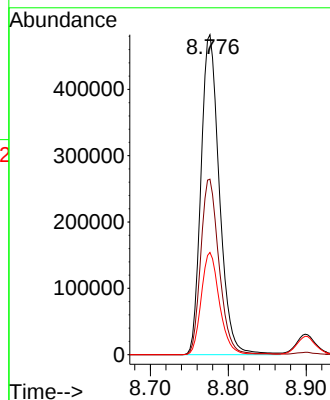
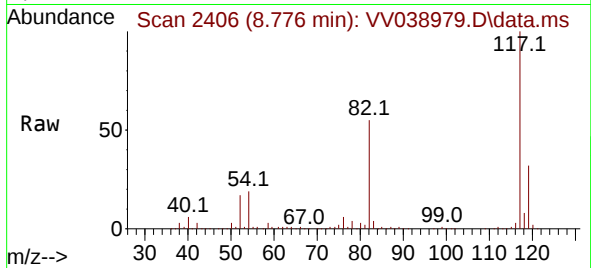




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

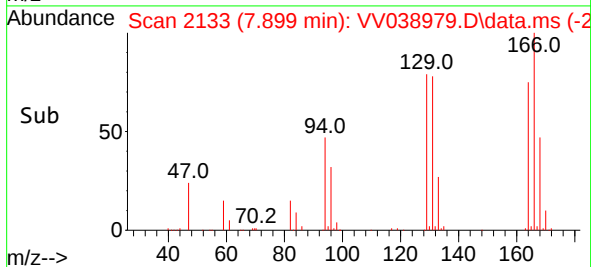
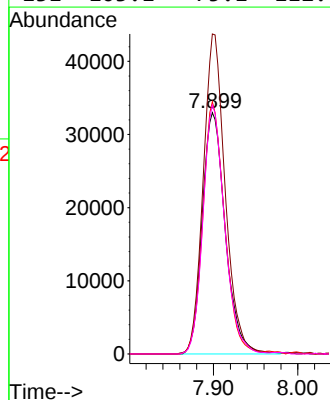
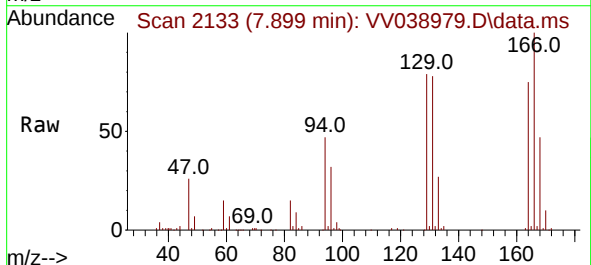
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

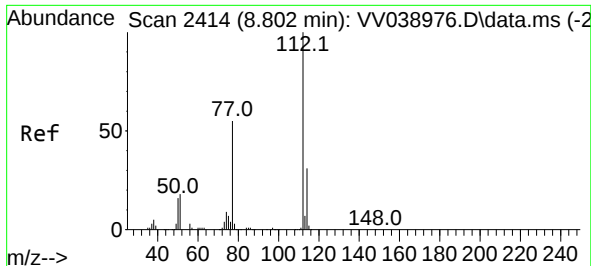
Tgt Ion:117 Resp: 790797
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 10.671 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:164 Resp: 62793
Ion Ratio Lower Upper
164 100
166 132.2 101.8 152.6
129 104.5 78.7 118.1
131 103.1 75.1 112.7

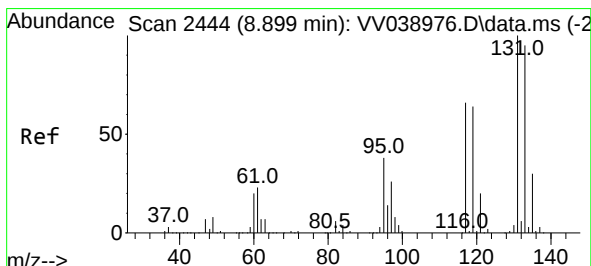
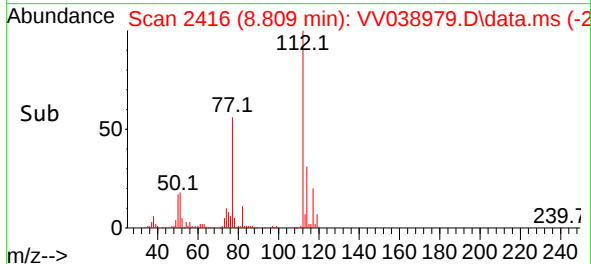
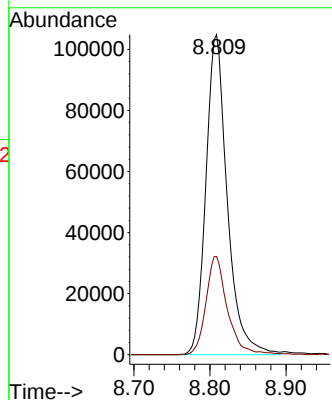
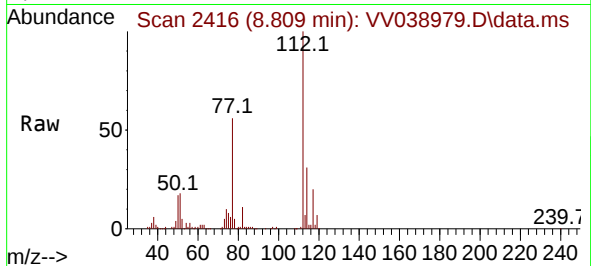




#65
Chlorobenzene
Concen: 10.709 ug/l
RT: 8.809 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

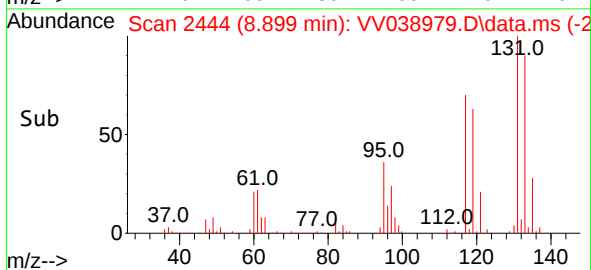
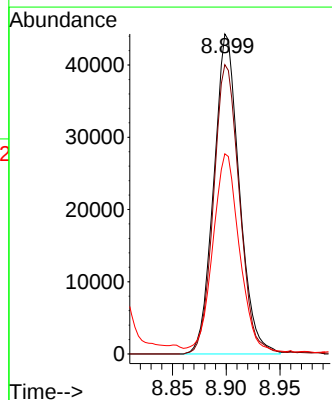
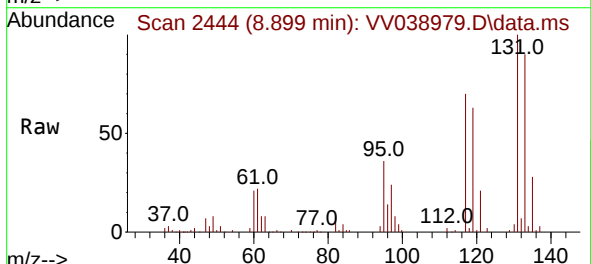
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

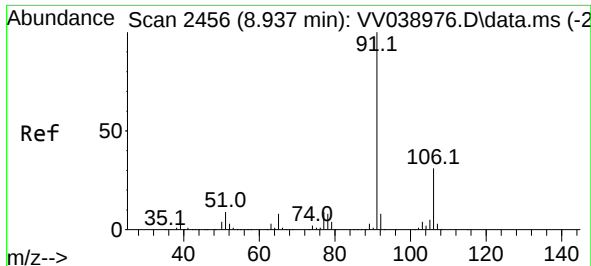
Tgt Ion:112 Resp: 204181
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.701 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:131 Resp: 73247
Ion Ratio Lower Upper
131 100
133 91.6 47.6 142.9
119 64.4 32.1 96.3





#67

Ethyl Benzene

Concen: 10.492 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

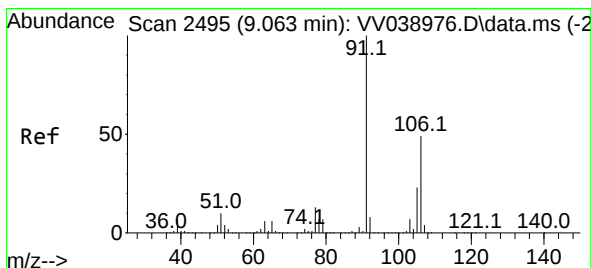
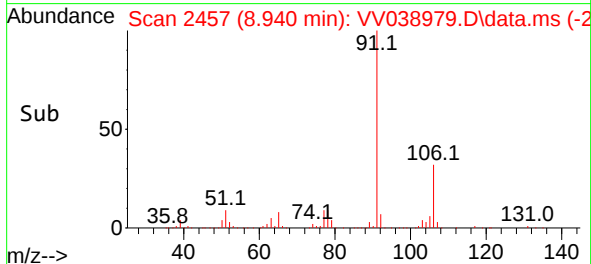
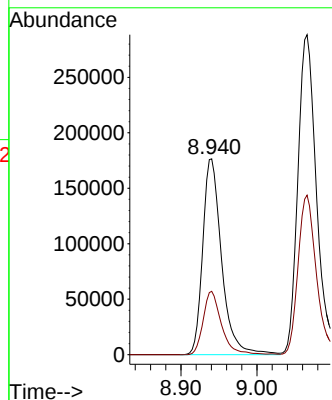
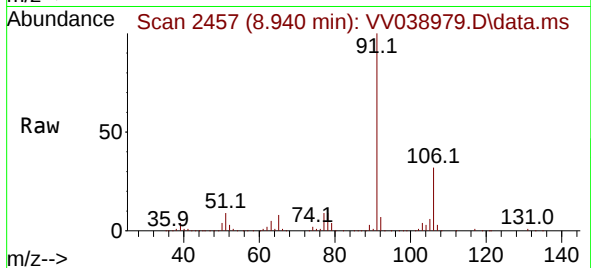
VSTDIC010

Tgt Ion: 91 Resp: 305400

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 21.509 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038979.D

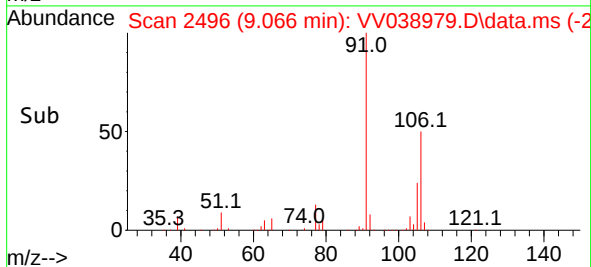
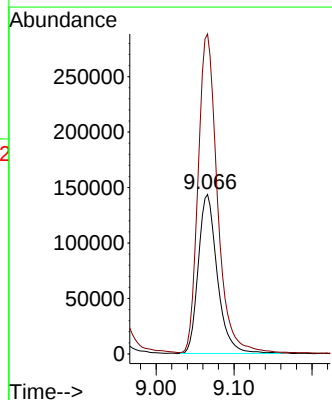
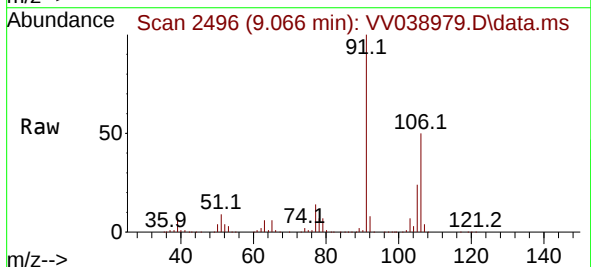
Acq: 21 Aug 2025 11:45

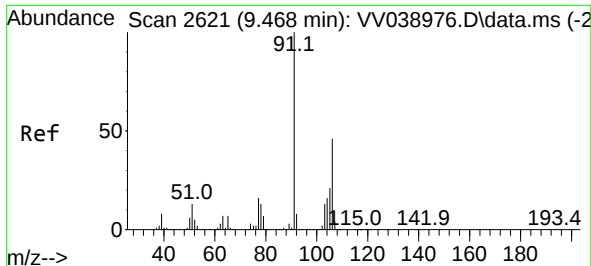
Tgt Ion: 106 Resp: 243148

Ion Ratio Lower Upper

106 100

91 203.6 163.6 245.4

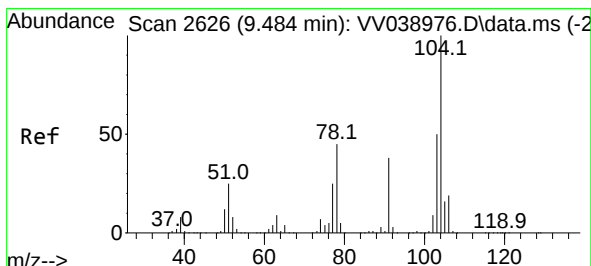
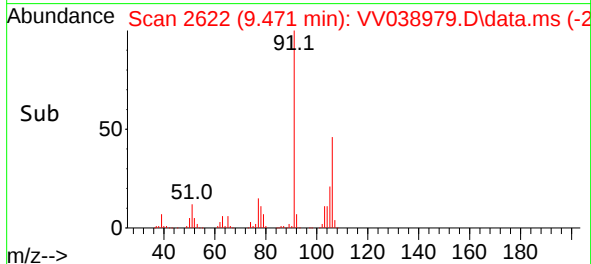
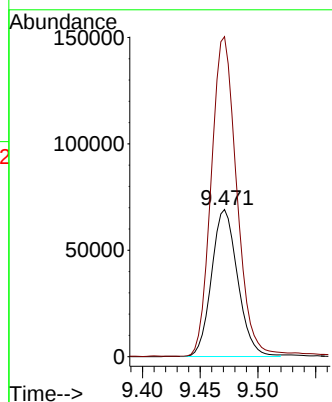
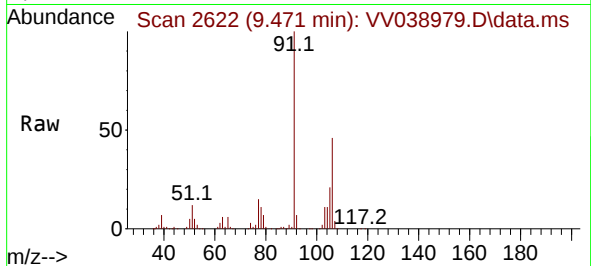




#69
o-Xylene
Concen: 10.535 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

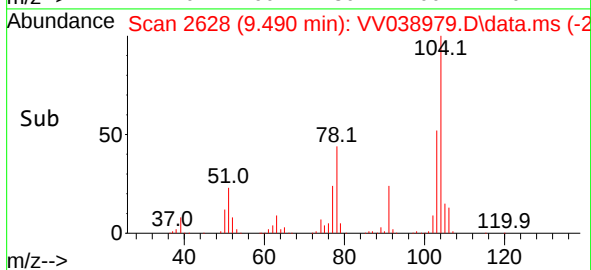
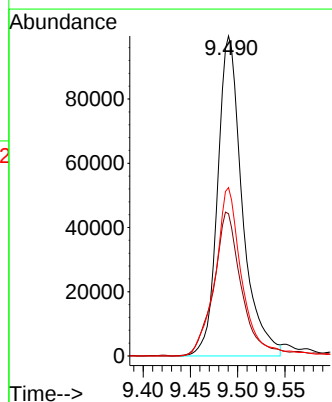
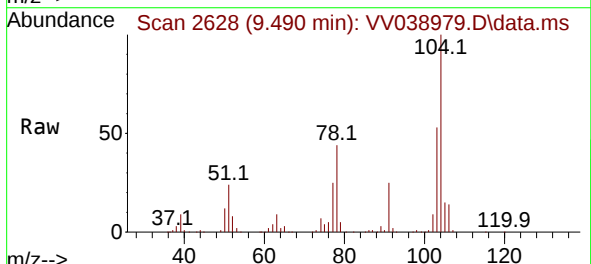
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

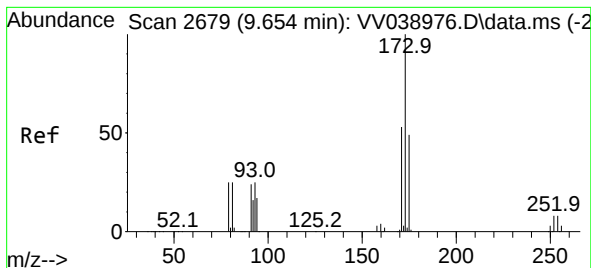
Tgt Ion:106 Resp: 108544
Ion Ratio Lower Upper
106 100
91 215.2 108.0 324.0



#70
Styrene
Concen: 10.224 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion:104 Resp: 180737
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.8
103 57.4 43.5 65.3





#71

Bromoform

Concen: 10.220 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

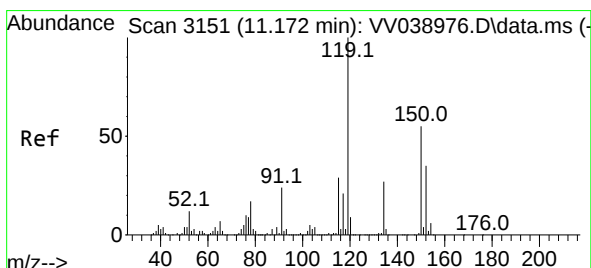
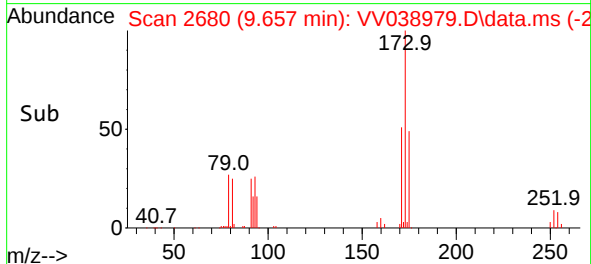
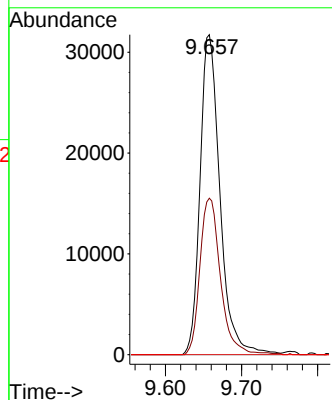
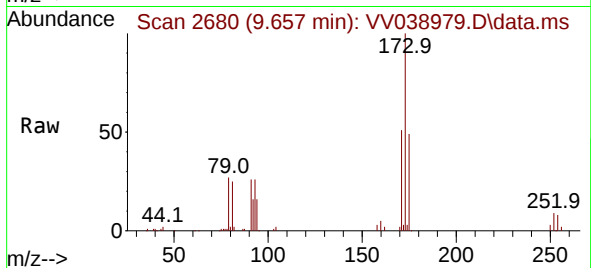
Tgt Ion:173 Resp: 57738

Ion Ratio Lower Upper

173 100

175 50.6 24.6 73.6

254 0.0 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: VV038979.D

Acq: 21 Aug 2025 11:45

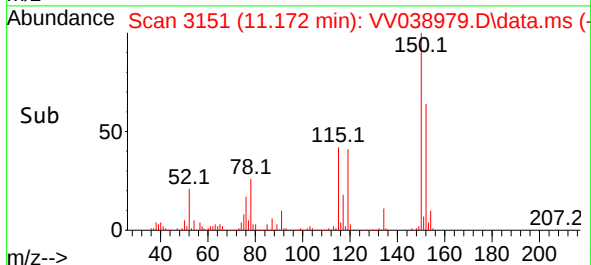
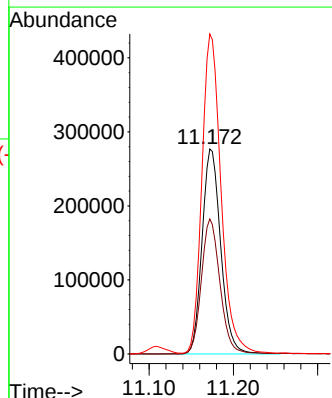
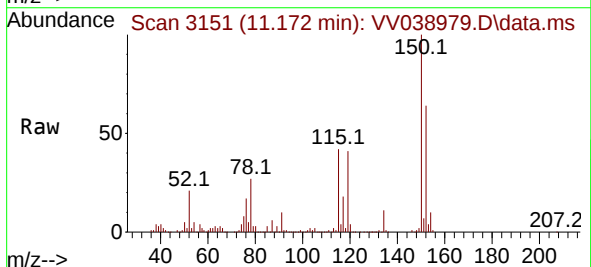
Tgt Ion:152 Resp: 426638

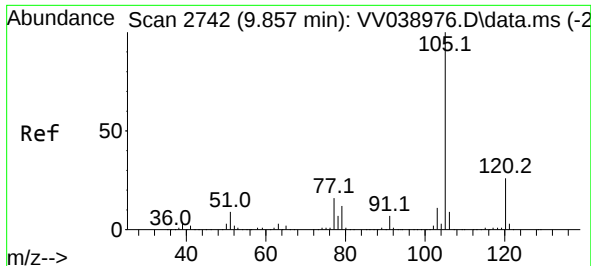
Ion Ratio Lower Upper

152 100

115 65.5 42.5 127.5

150 160.0 0.0 344.8

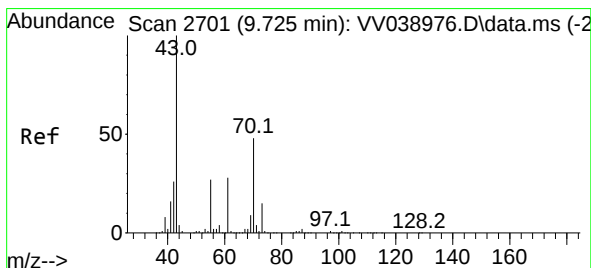
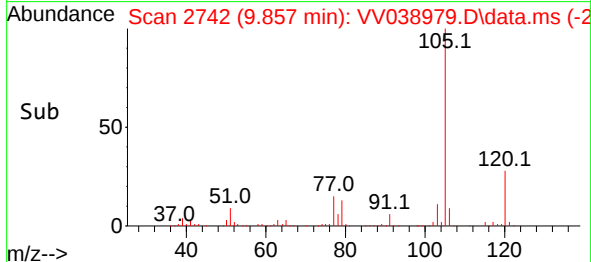
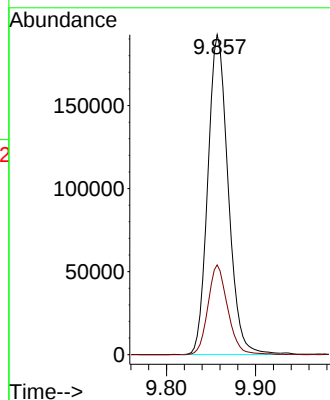
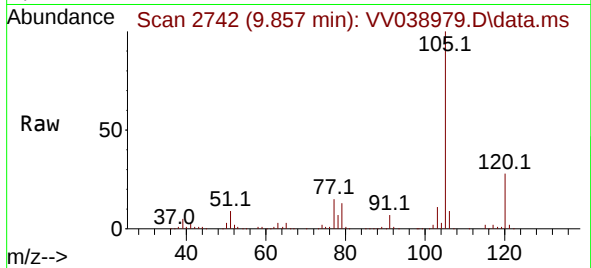




#73
Isopropylbenzene
Concen: 10.650 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

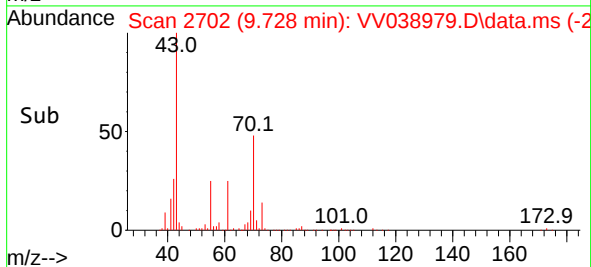
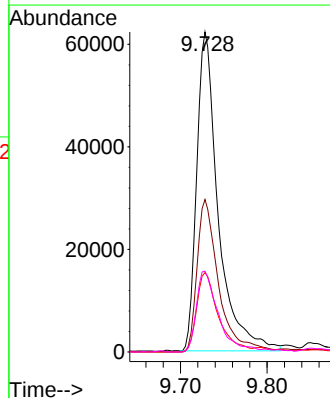
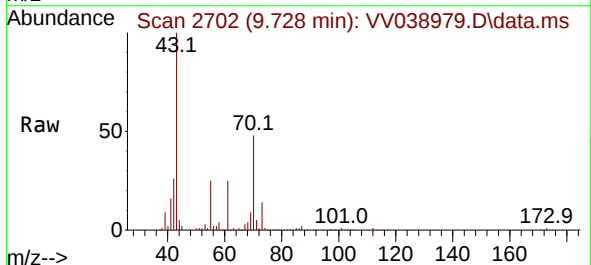
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

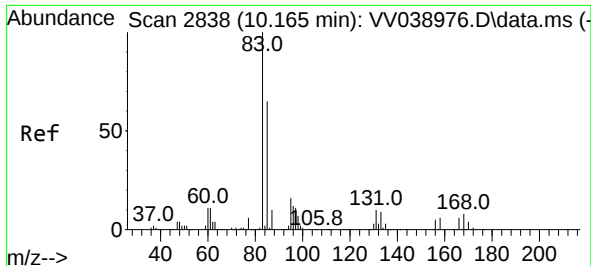
Tgt Ion:105 Resp: 304887
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1



#74
N-ethyl acetate
Concen: 10.322 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 43 Resp: 107317
Ion Ratio Lower Upper
43 100
70 47.7 38.3 57.5
55 25.0 21.6 32.4
61 25.7 21.4 32.2

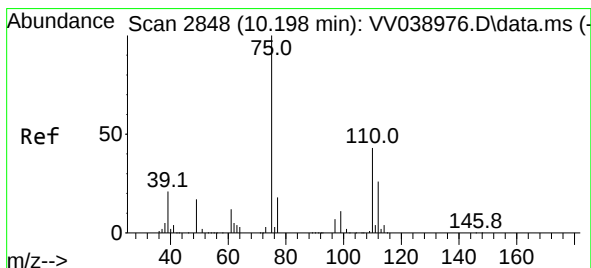
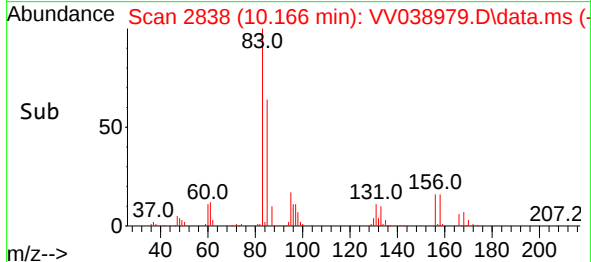
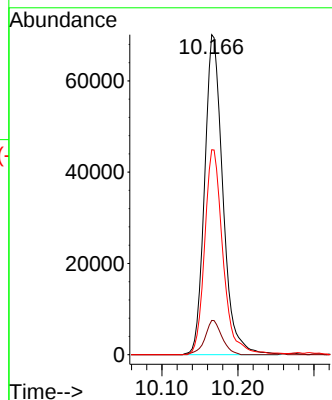
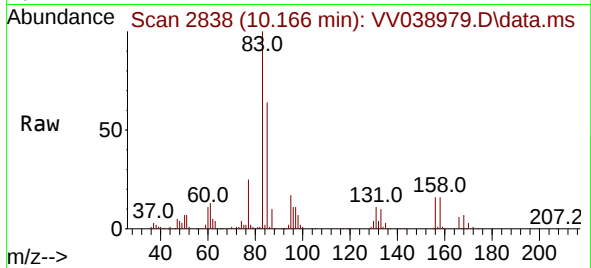




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.267 ug/l
 RT: 10.166 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

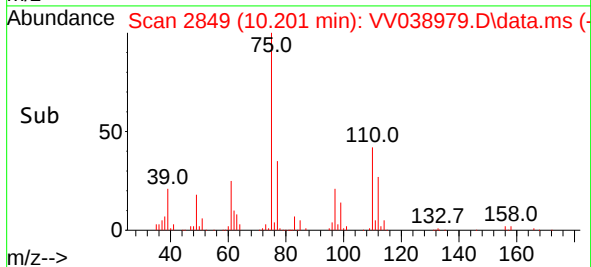
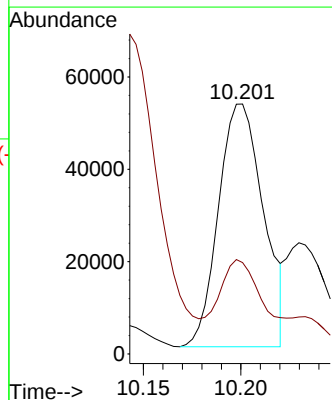
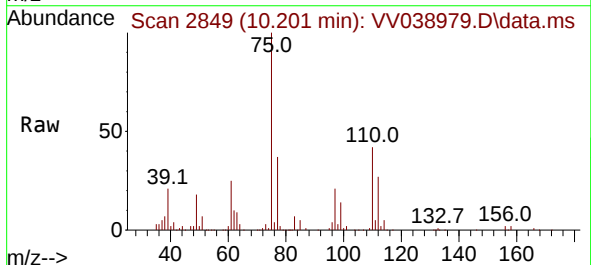
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

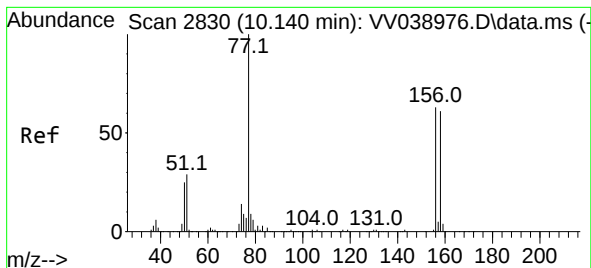
Tgt Ion: 83 Resp: 116729
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.9
 85 64.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 10.769 ug/l
 RT: 10.201 min Scan# 2849
 Delta R.T. 0.003 min
 Lab File: VV038979.D
 Acq: 21 Aug 2025 11:45

Tgt Ion: 75 Resp: 84487
 Ion Ratio Lower Upper
 75 100
 77 21.6 11.3 33.8





#77

Bromobenzene

Concen: 10.764 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

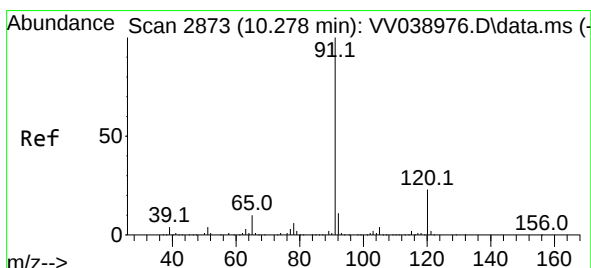
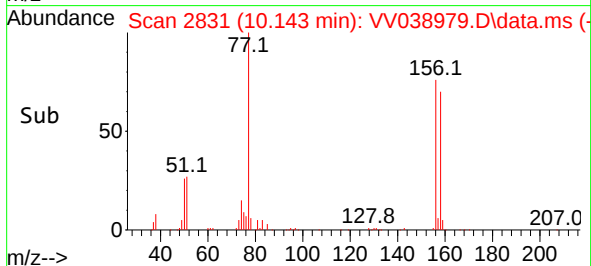
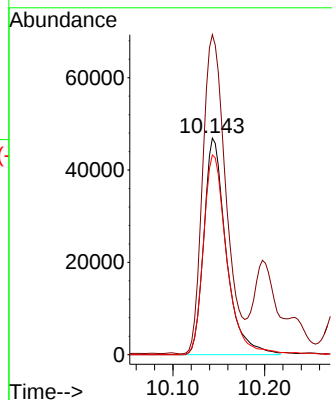
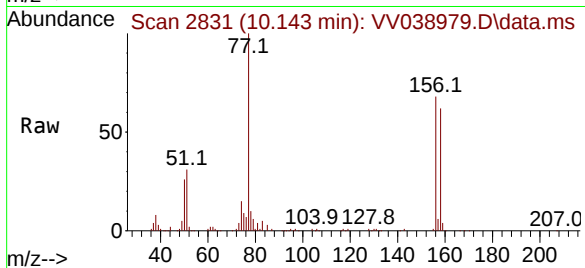
Tgt Ion:156 Resp: 79178

Ion Ratio Lower Upper

156 100

77 151.9 79.0 237.0

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 10.663 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038979.D

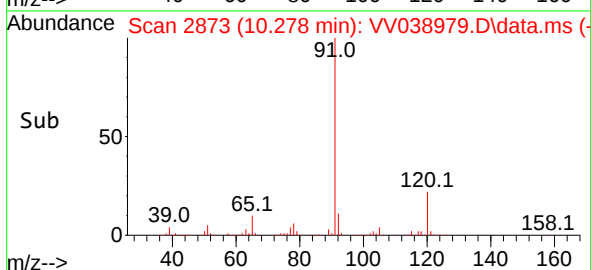
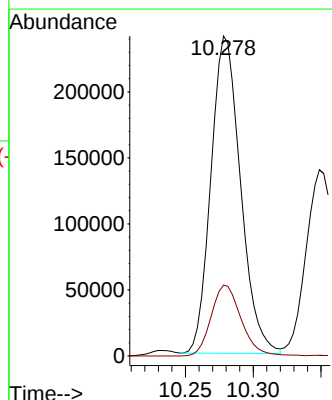
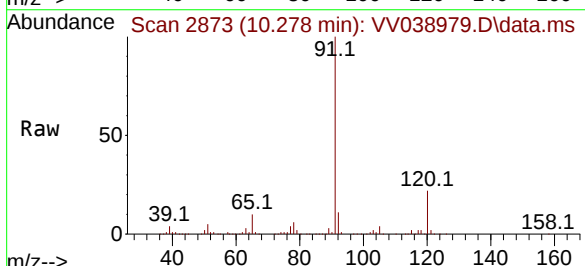
Acq: 21 Aug 2025 11:45

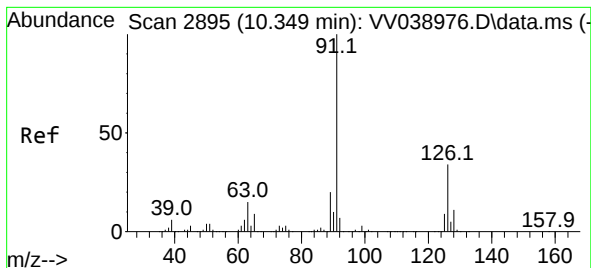
Tgt Ion: 91 Resp: 364482

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

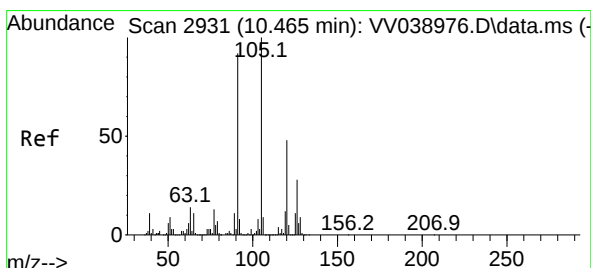
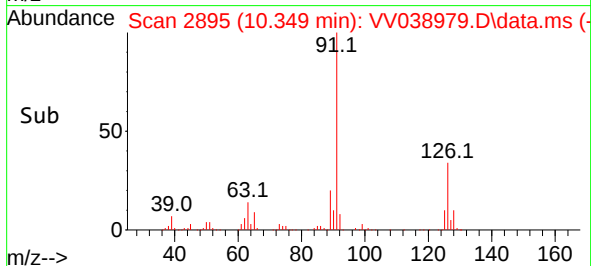
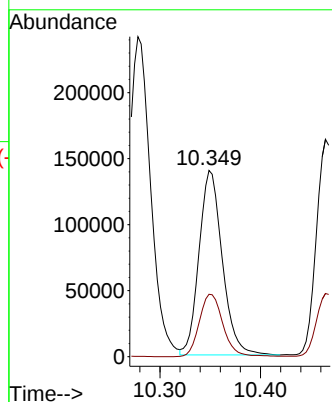
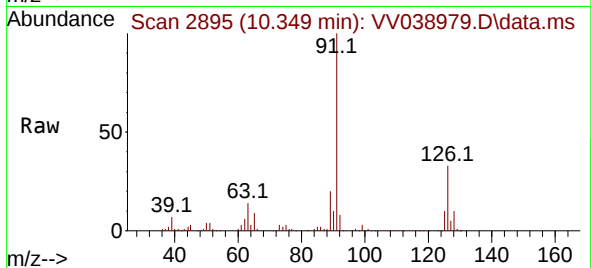




#79
2-Chlorotoluene
Concen: 10.682 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

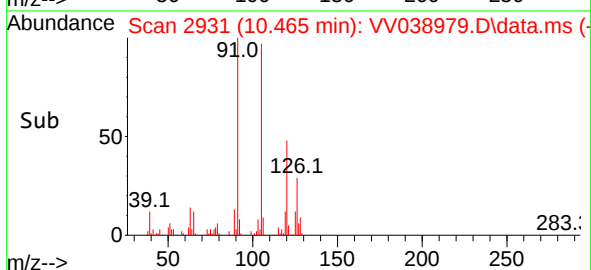
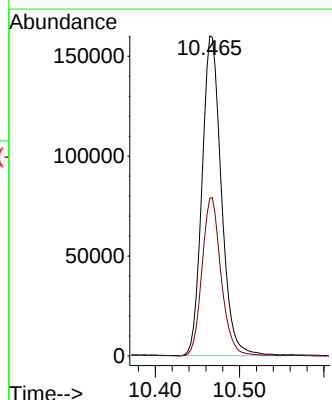
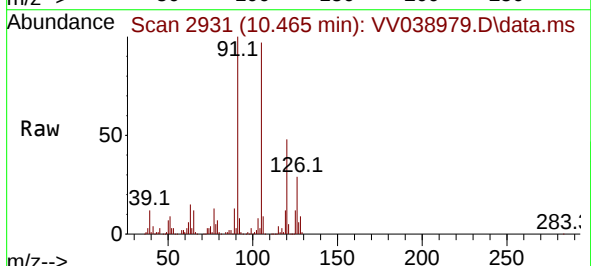
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

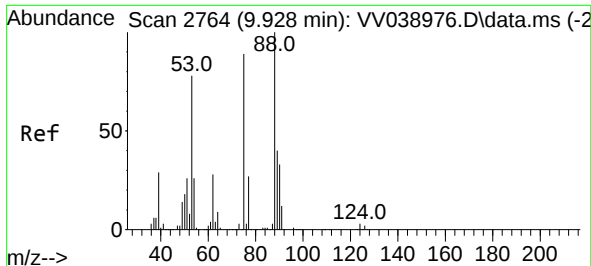
Tgt Ion: 91 Resp: 224105
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 10.625 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 105 Resp: 255973
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

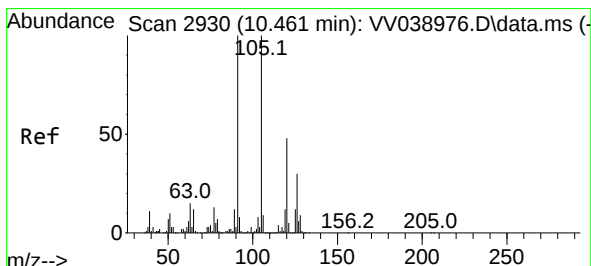
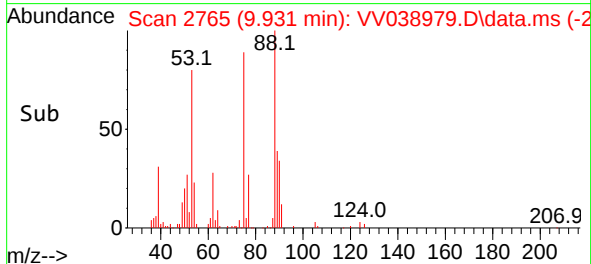
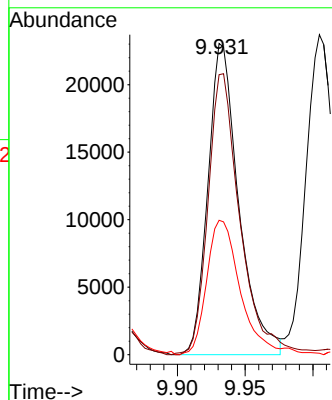
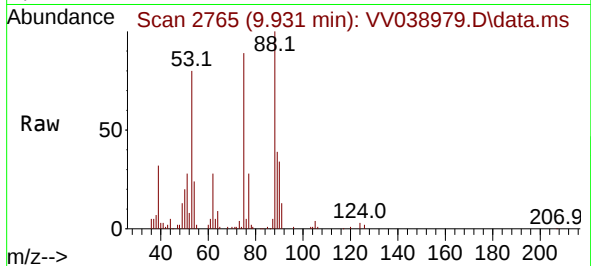




#81
trans-1,4-Dichloro-2-butene
Concen: 10.605 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

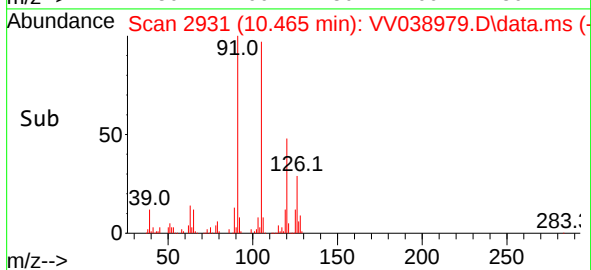
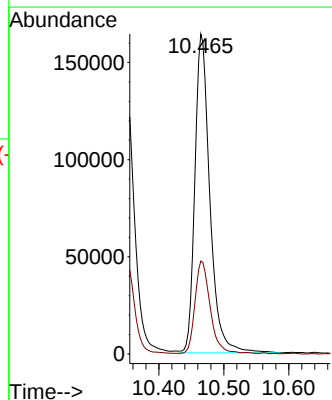
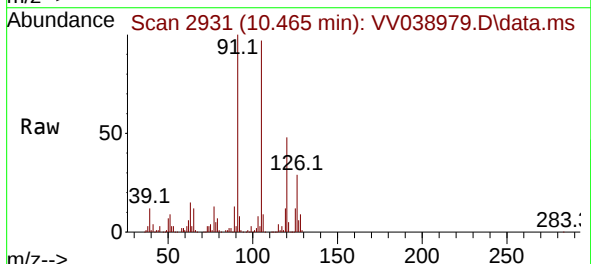
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

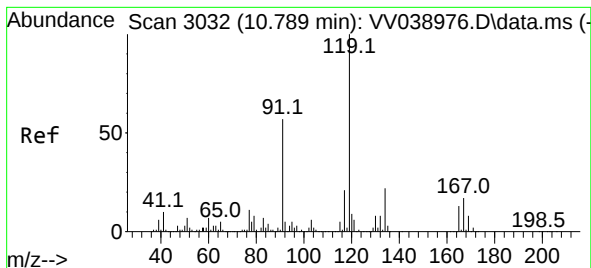
Tgt Ion: 75 Resp: 36554
Ion Ratio Lower Upper
75 100
53 93.6 70.3 105.5
89 47.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 11.155 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 91 Resp: 263869
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 10.393 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

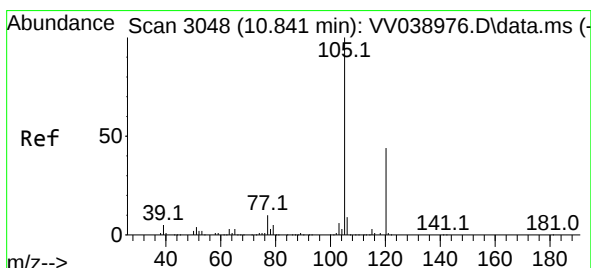
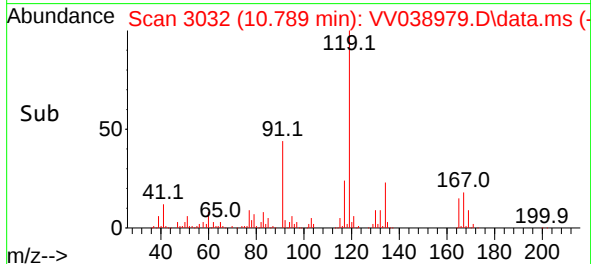
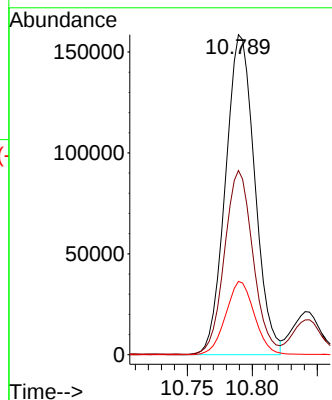
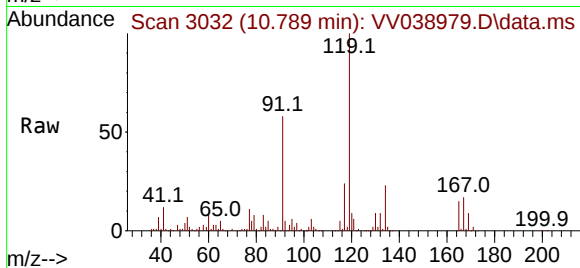
Tgt Ion:119 Resp: 248640

Ion Ratio Lower Upper

119 100

91 55.9 28.4 85.3

134 22.5 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 10.686 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038979.D

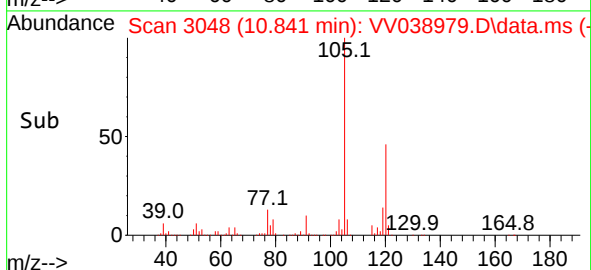
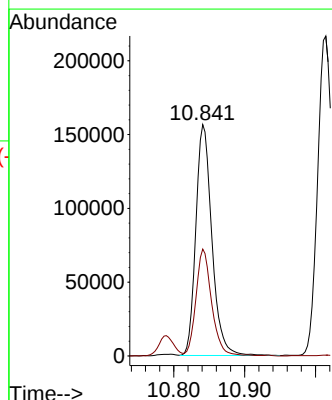
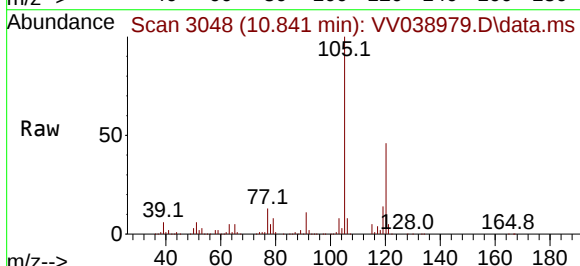
Acq: 21 Aug 2025 11:45

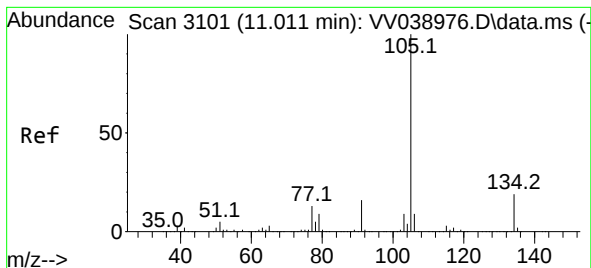
Tgt Ion:105 Resp: 246385

Ion Ratio Lower Upper

105 100

120 44.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 10.624 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

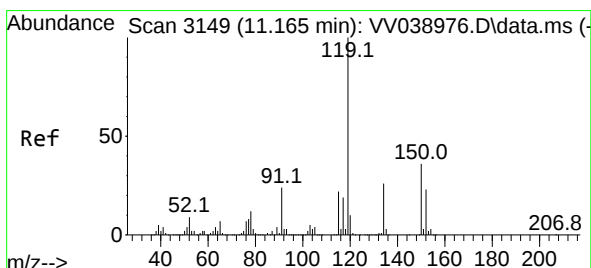
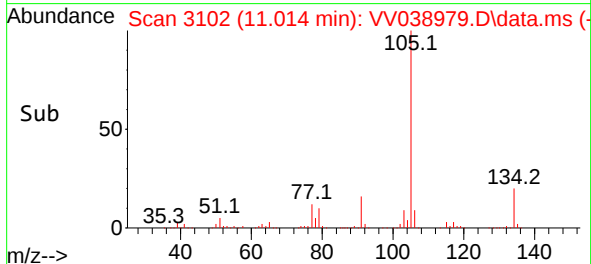
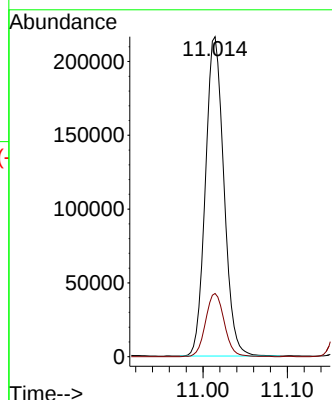
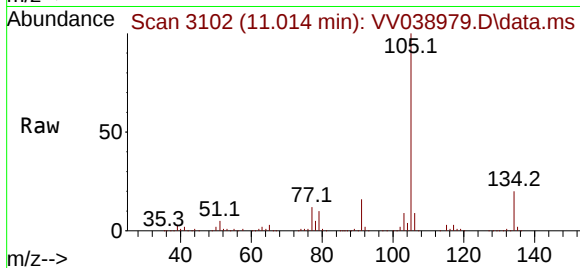
VSTDIC010

Tgt Ion:105 Resp: 330550

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 10.924 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

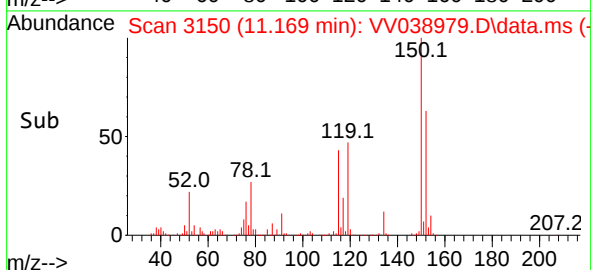
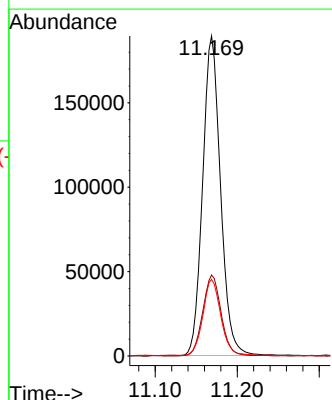
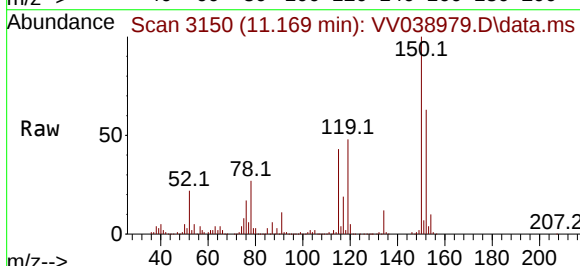
Tgt Ion:119 Resp: 286217

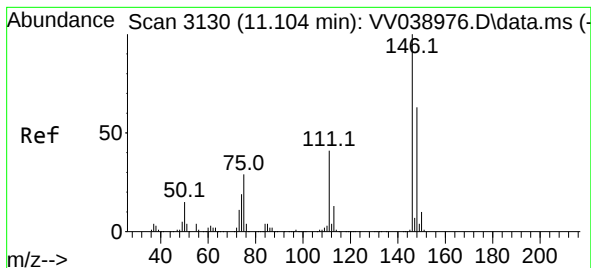
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 10.818 ug/l

RT: 11.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

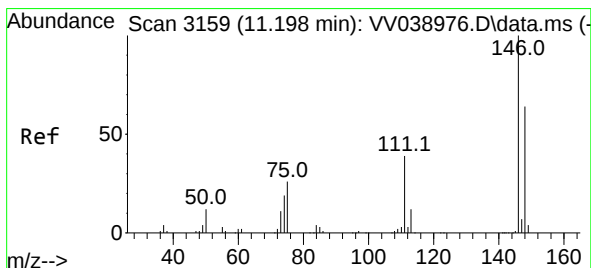
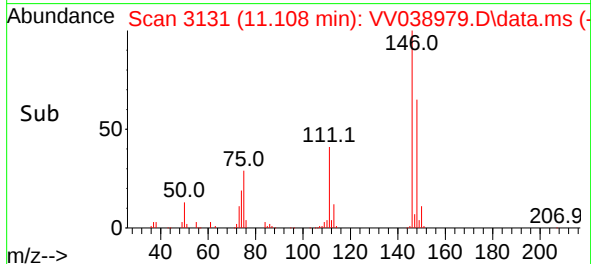
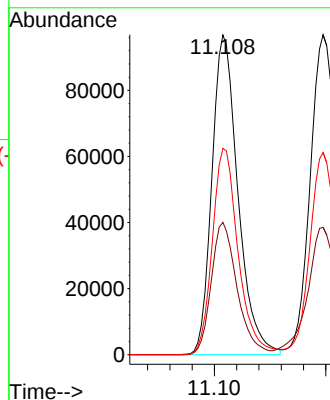
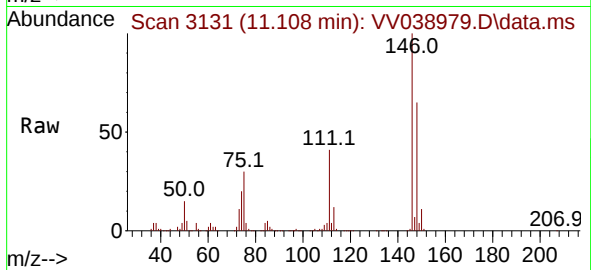
Tgt Ion:146 Resp: 157122

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 11.073 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

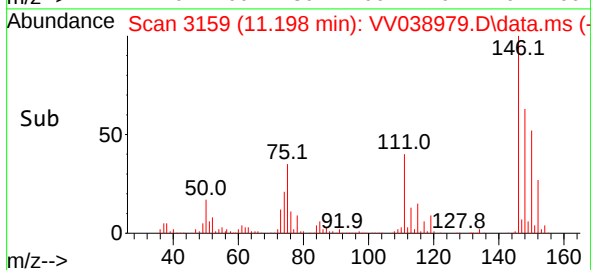
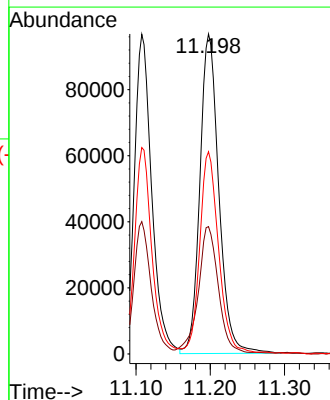
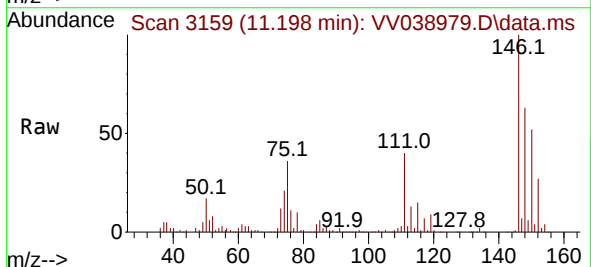
Tgt Ion:146 Resp: 171556

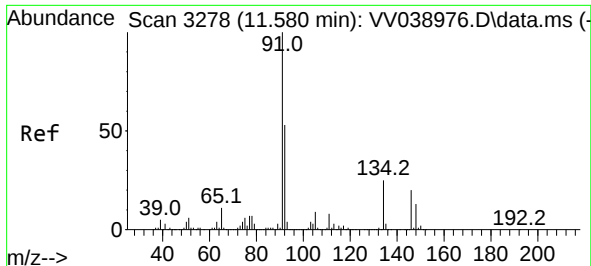
Ion Ratio Lower Upper

146 100

111 42.1 20.0 60.0

148 61.9 31.8 95.3





#89

n-Butylbenzene

Concen: 10.128 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

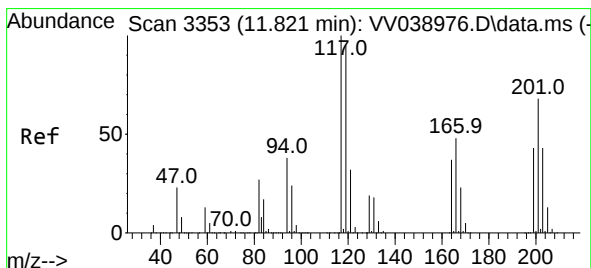
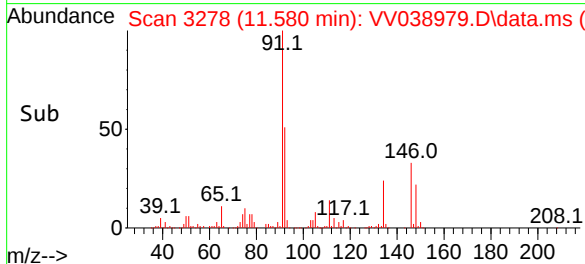
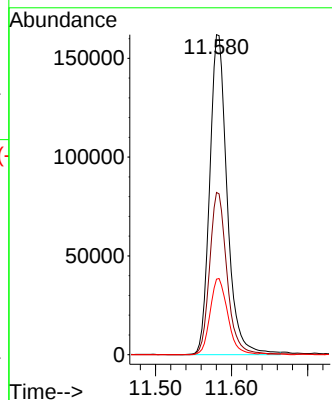
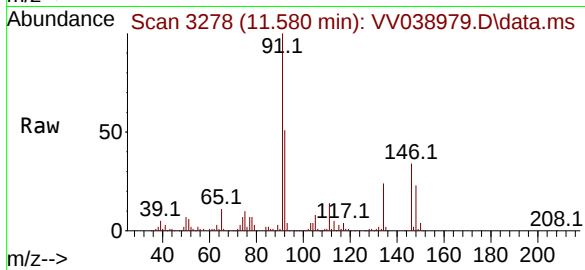
Tgt Ion: 91 Resp: 258532

Ion Ratio Lower Upper

91 100

92 50.7 26.5 79.5

134 24.1 12.6 37.8



#90

Hexachloroethane

Concen: 10.148 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038979.D

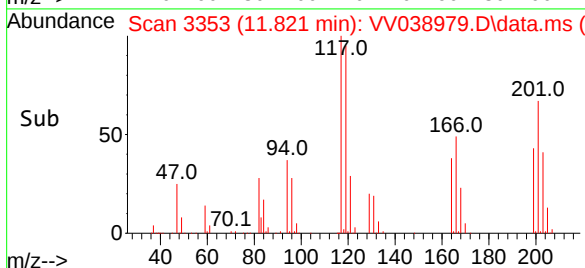
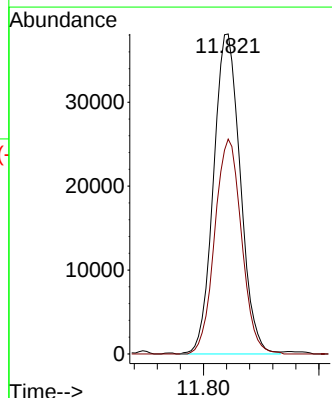
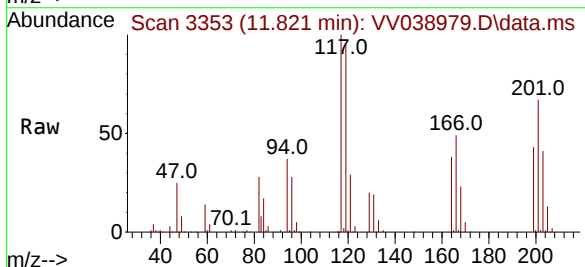
Acq: 21 Aug 2025 11:45

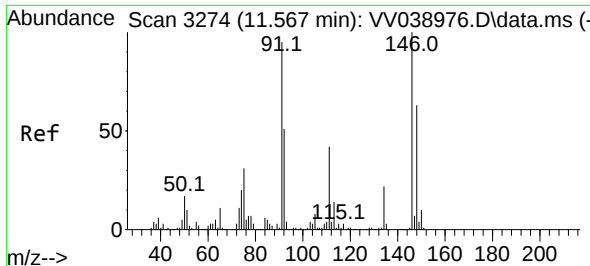
Tgt Ion: 117 Resp: 61451

Ion Ratio Lower Upper

117 100

201 67.2 33.7 101.0

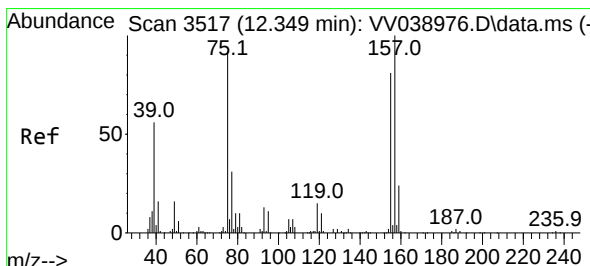
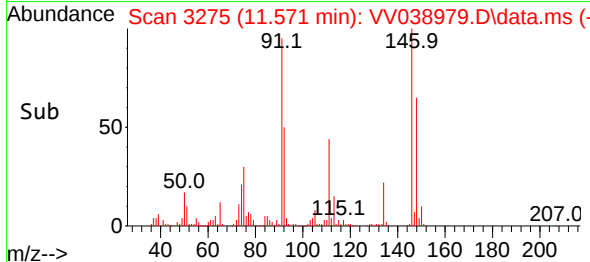
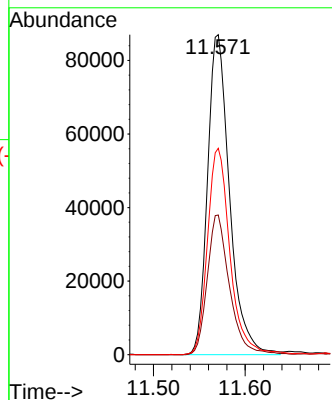
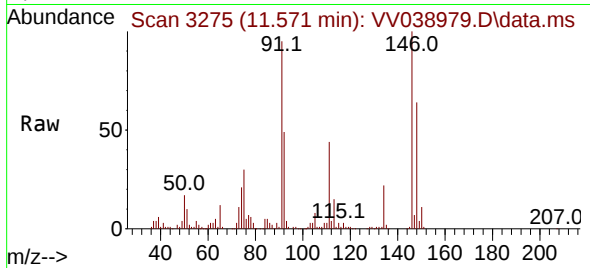




#91
1,2-Dichlorobenzene
Concen: 10.488 ug/l
RT: 11.571 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

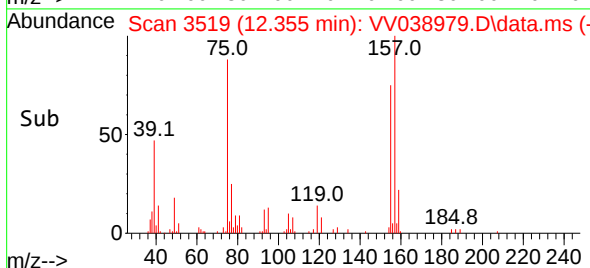
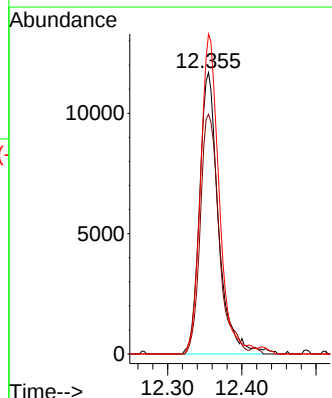
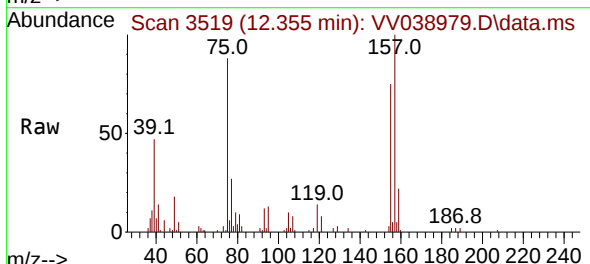
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

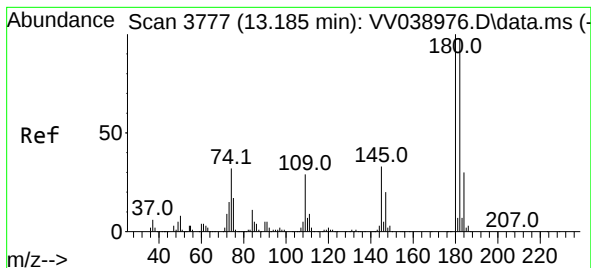
Tgt Ion:146 Resp: 145254
Ion Ratio Lower Upper
146 100
111 44.0 21.1 63.4
148 66.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.348 ug/l
RT: 12.355 min Scan# 3519
Delta R.T. 0.006 min
Lab File: VV038979.D
Acq: 21 Aug 2025 11:45

Tgt Ion: 75 Resp: 20672
Ion Ratio Lower Upper
75 100
155 85.2 43.7 131.1
157 111.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 9.967 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

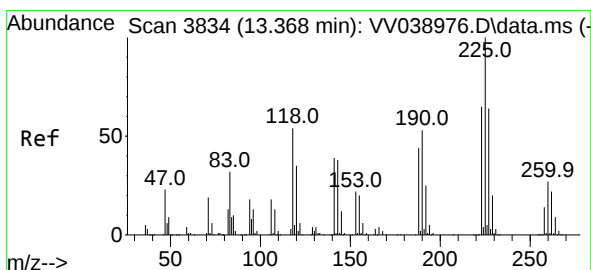
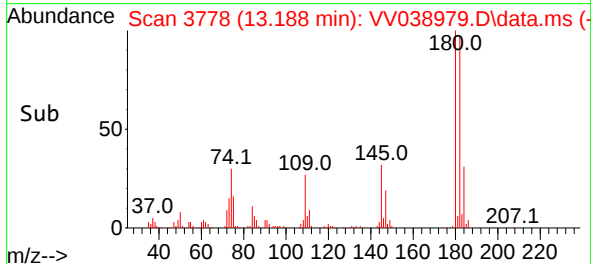
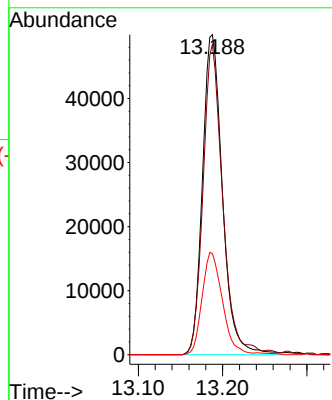
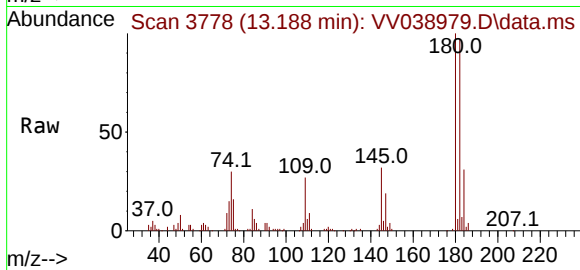
Tgt Ion:180 Resp: 82372

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.4 16.3 48.8



#94

Hexachlorobutadiene

Concen: 10.149 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

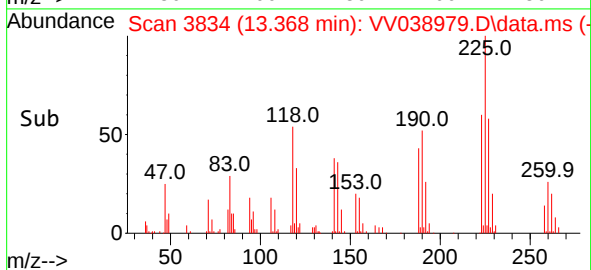
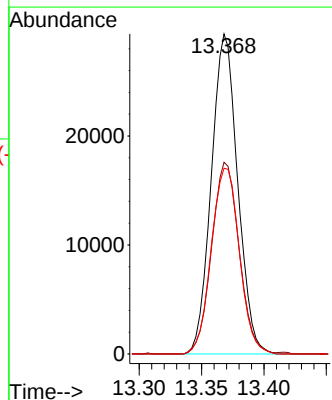
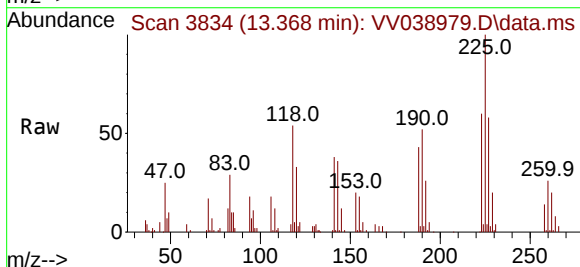
Tgt Ion:225 Resp: 43241

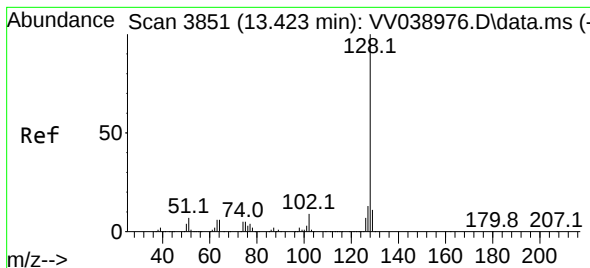
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

227 62.0 30.8 92.3





#95

Naphthalene

Concen: 9.821 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.003 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

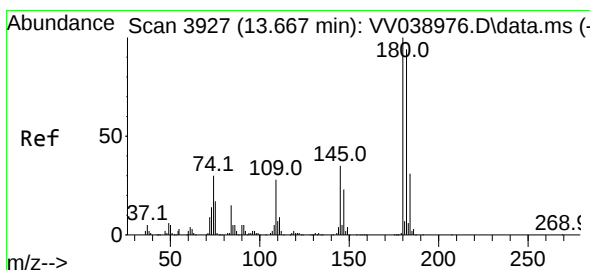
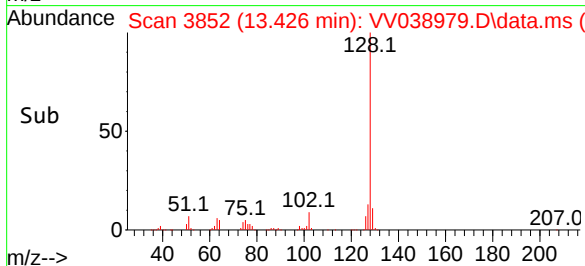
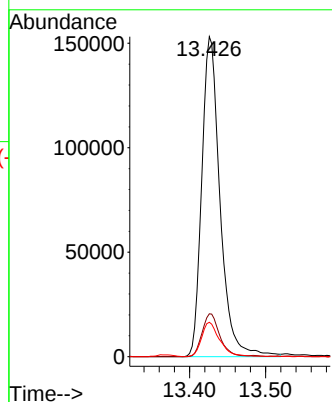
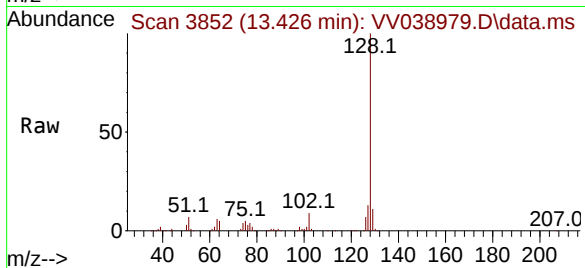
Tgt Ion:128 Resp: 256131

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 10.525 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038979.D

Acq: 21 Aug 2025 11:45

Tgt Ion:180 Resp: 87705

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.0

145 34.7 17.3 52.0

