

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038976.D
 Acq On : 21 Aug 2025 10:38
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 22 03:46:51 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	448849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	689451	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	777232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	462251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	288796	45.854	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.700%
35) Dibromofluoromethane	4.503	113	238280	46.084	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.160%
50) Toluene-d8	7.236	98	922715	51.177	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	10.002	95	385450	58.439	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	116.880%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	324254	48.326	ug/l	100
3) Chloromethane	1.227	50	344558	49.714	ug/l	100
4) Vinyl Chloride	1.294	62	369283	50.497	ug/l	100
5) Bromomethane	1.494	94	200986	50.854	ug/l	100
6) Chloroethane	1.558	64	185722	49.944	ug/l	100
7) Trichlorofluoromethane	1.725	101	488190	48.730	ug/l	100
8) Diethyl Ether	1.915	74	143076	46.440	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	248852	45.001	ug/l	100
10) Methyl Iodide	2.195	142	351327	51.065	ug/l	100
11) Tert butyl alcohol	2.561	59	210470	246.905	ug/l	100
12) 1,1-Dichloroethene	2.079	96	240695	47.250	ug/l	100
13) Acrolein	2.008	56	64952	234.007	ug/l	100
14) Allyl chloride	2.356	41	318552	46.835	ug/l	100
15) Acrylonitrile	2.671	53	612933	236.374	ug/l	100
16) Acetone	2.118	43	558678	221.014	ug/l	100
17) Carbon Disulfide	2.253	76	662441	46.754	ug/l	100
18) Methyl Acetate	2.378	43	251313	46.906	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	769957	51.117	ug/l	100
20) Methylene Chloride	2.455	84	260786	44.394	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	257083	48.453	ug/l	100
22) Diisopropyl ether	3.211	45	648326	43.415	ug/l	100
23) Vinyl Acetate	3.185	43	2754420	230.385	ug/l	100
24) 1,1-Dichloroethane	3.118	63	421880	42.649	ug/l	100
25) 2-Butanone	3.857	43	746049	222.071	ug/l	100
26) 2,2-Dichloropropane	3.812	77	418362	44.088	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	287359	44.872	ug/l	100
28) Bromochloromethane	4.146	49	99203	47.639	ug/l	100
29) Tetrahydrofuran	4.230	42	470026	214.773	ug/l	100
30) Chloroform	4.278	83	491932	42.466	ug/l	100
31) Cyclohexane	4.587	56	362688	41.094	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	466097	43.888	ug/l	100
36) 1,1-Dichloropropene	4.744	75	312051	46.472	ug/l	100
37) Ethyl Acetate	3.970	43	269687	39.071	ug/l	100
38) Carbon Tetrachloride	4.735	117	424814	47.243	ug/l	100
39) Methylcyclohexane	6.047	83	435443	50.751	ug/l	100
40) Benzene	5.008	78	986232	46.893	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	127313	48.796	ug/l	100
42) 1,2-Dichloroethane	5.037	62	354409	46.094	ug/l	100
43) Isopropyl Acetate	5.188	43	461979	46.451	ug/l	100
44) Trichloroethene	5.831	130	269834	47.300	ug/l	100
45) 1,2-Dichloropropane	6.088	63	227210	45.046	ug/l	100
46) Dibromomethane	6.224	93	192782	45.550	ug/l	100
47) Bromodichloromethane	6.426	83	402376	46.715	ug/l	100
48) Methyl methacrylate	6.294	41	224732	51.026	ug/l	100
49) 1,4-Dioxane	6.285	88	73876	960.553	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	1740974	260.874	ug/l	100
52) Toluene	7.307	92	737583	55.376	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	479897	59.598	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	433052	51.906	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	321494	55.358	ug/l	100
56) Ethyl methacrylate	7.715	69	457863	52.314	ug/l	100
57) 1,3-Dichloropropane	7.934	76	521692	57.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1020342	249.422	ug/l	100
59) 2-Hexanone	8.063	43	1602266	261.865	ug/l	100
60) Dibromochloromethane	8.169	129	385284	54.943	ug/l	100
61) 1,2-Dibromoethane	8.272	107	343681	57.042	ug/l	100
64) Tetrachloroethene	7.895	164	283092	48.950	ug/l	100
65) Chlorobenzene	8.802	112	904145	48.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	326401	48.520	ug/l	100
67) Ethyl Benzene	8.937	91	1516801	53.020	ug/l	100
68) m/p-Xylenes	9.063	106	1219116	109.725	ug/l	100
69) o-Xylene	9.468	106	553593	54.666	ug/l	100
70) Styrene	9.484	104	1003744	57.773	ug/l	100
71) Bromoform	9.654	173	272020	48.991	ug/l #	100
73) Isopropylbenzene	9.857	105	1537427	49.565	ug/l	100
74) N-amyl acetate	9.725	43	574314	50.981	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	513697	41.700	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	392863	46.216	ug/l	100
77) Bromobenzene	10.140	156	372003	46.678	ug/l	100
78) n-propylbenzene	10.278	91	1876732	50.675	ug/l	100
79) 2-Chlorotoluene	10.349	91	1093250	48.097	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	1348347	51.653	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	186646	49.978	ug/l	100
82) 4-Chlorotoluene	10.461	91	1315962	51.348	ug/l	100
83) tert-Butylbenzene	10.789	119	1306028	50.387	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1330375	53.256	ug/l	100
85) sec-Butylbenzene	11.011	105	1719793	51.018	ug/l	100
86) p-Isopropyltoluene	11.165	119	1465463	51.622	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	750209	47.672	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	769904	45.864	ug/l	100
89) n-Butylbenzene	11.580	91	1405846	50.830	ug/l	100
90) Hexachloroethane	11.821	117	286765	43.709	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	702885	46.842	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	108861	45.437	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	449787	50.230	ug/l	100
94) Hexachlorobutadiene	13.368	225	205348	44.484	ug/l	100
95) Naphthalene	13.423	128	1544007	54.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	454605	50.349	ug/l	100

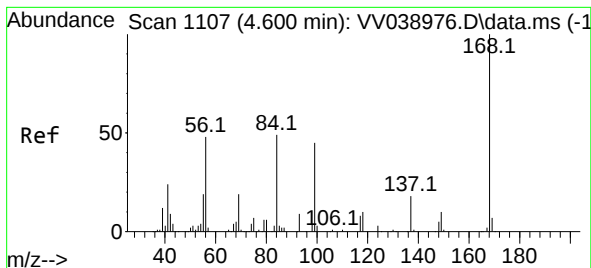
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 03:31:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VV038976.D

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Instrument :

MSVOA_V

ClientSampleId :

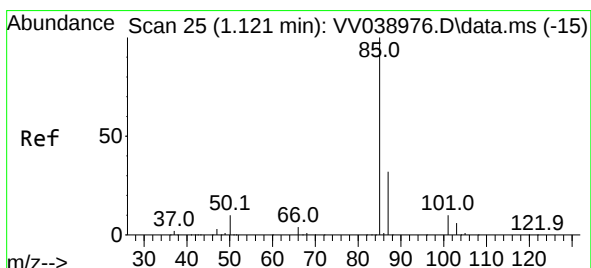
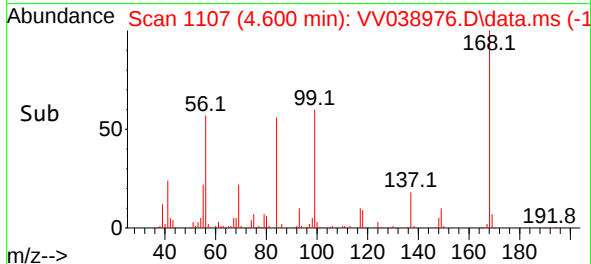
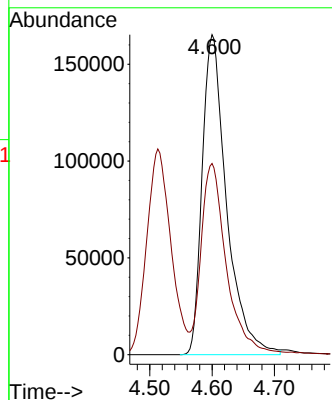
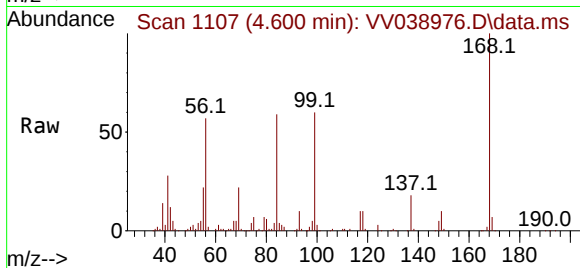
VSTDICCC050

Tgt Ion:168 Resp: 448849

Ion Ratio Lower Upper

168 100

99 58.8 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 48.326 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038976.D

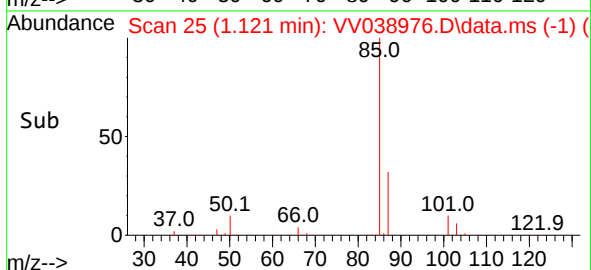
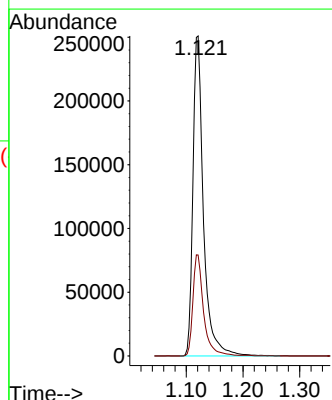
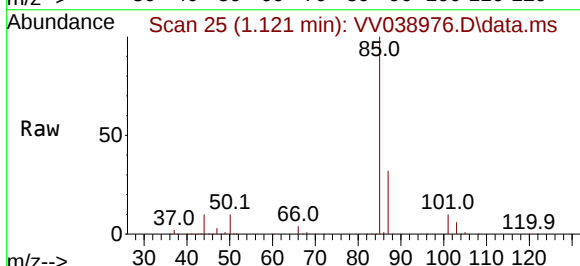
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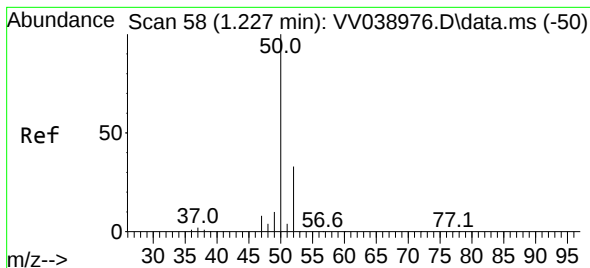
Tgt Ion: 85 Resp: 324254

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3

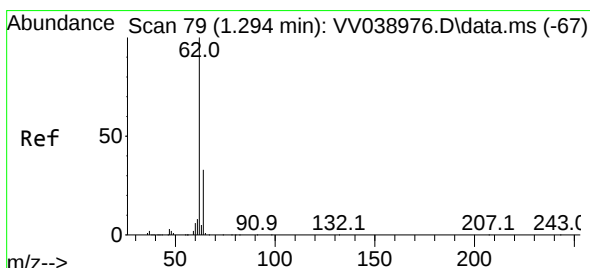
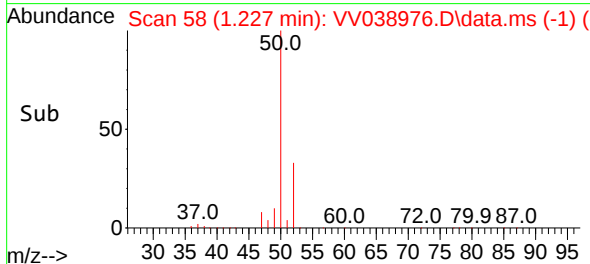
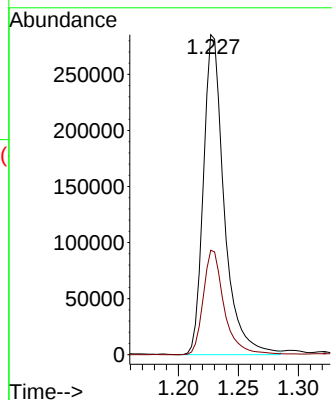
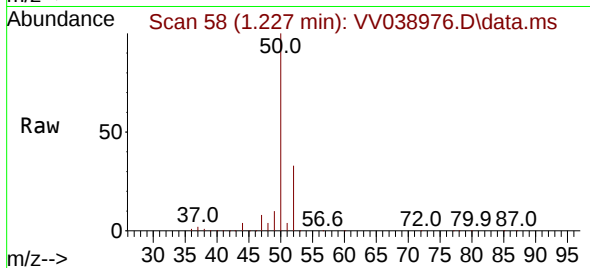




#3
Chloromethane
Concen: 49.714 ug/l
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

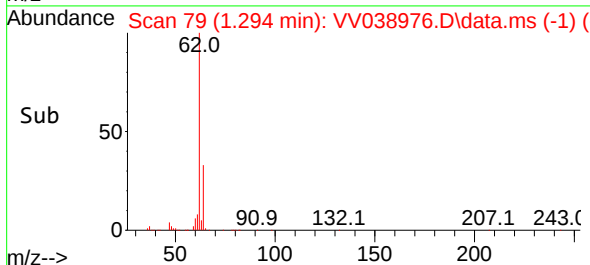
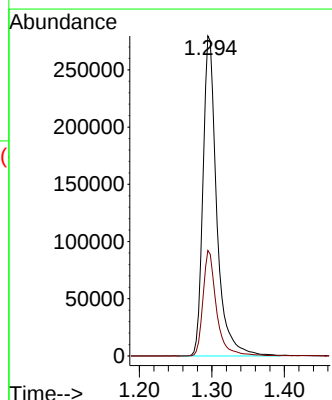
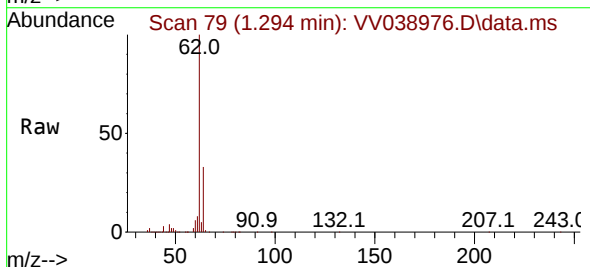
Instrument :
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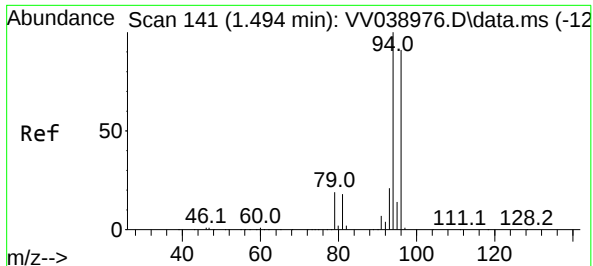
Tgt Ion: 50 Resp: 344558
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 50.497 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 62 Resp: 369283
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6

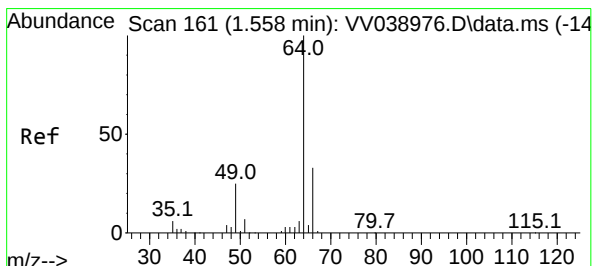
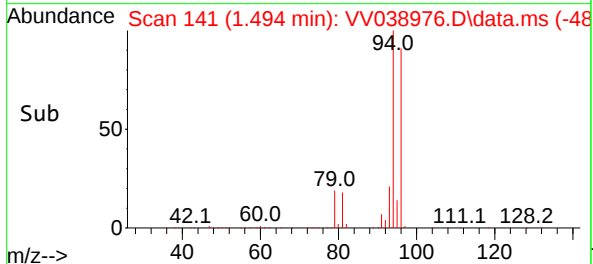
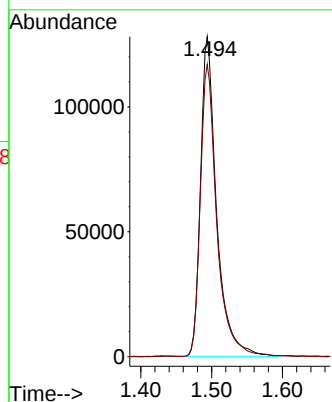
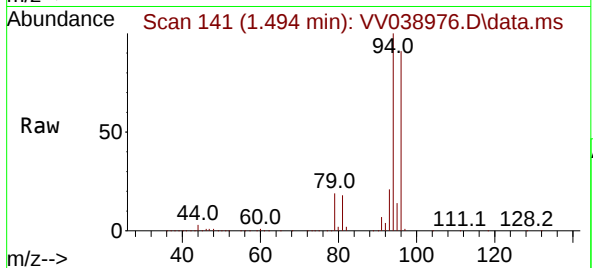




#5
Bromomethane
Concen: 50.854 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

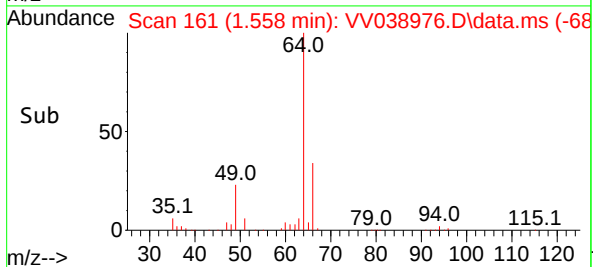
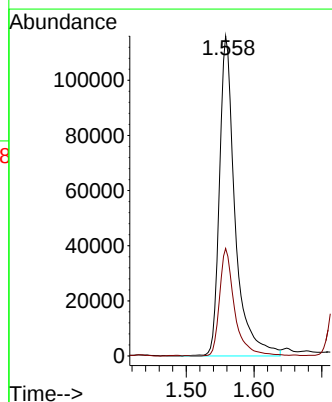
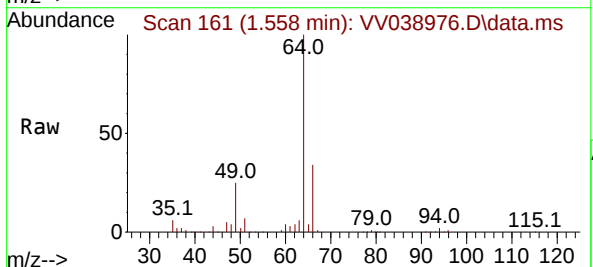
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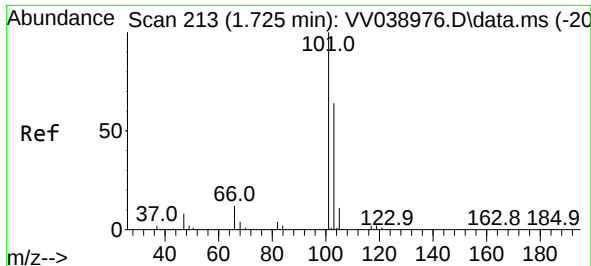
Tgt Ion: 94 Resp: 200986
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7



#6
Chloroethane
Concen: 49.944 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 64 Resp: 185722
Ion Ratio Lower Upper
64 100
66 33.5 26.8 40.2

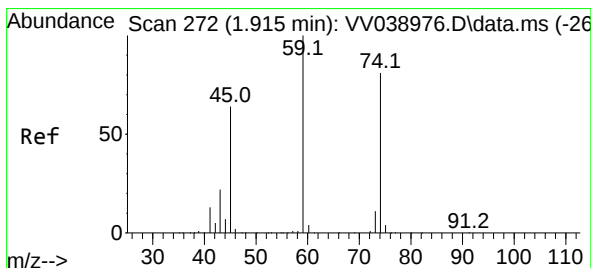
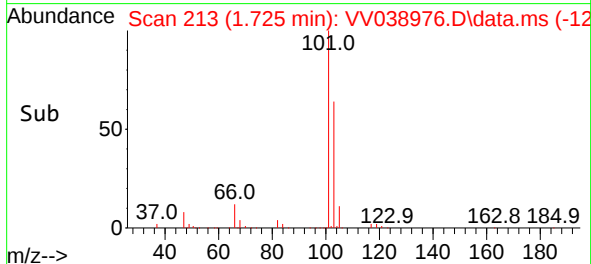
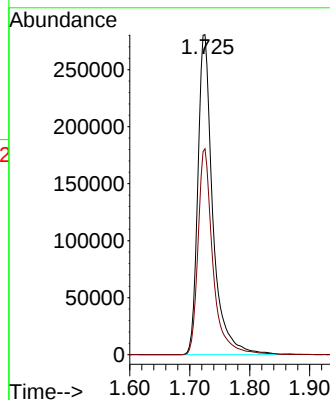
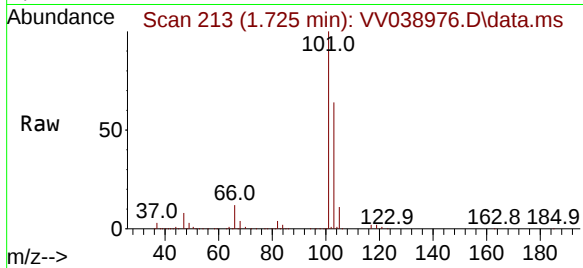




#7
 Trichlorofluoromethane
 Concen: 48.730 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038976.D
 Acq: 21 Aug 2025 10:38

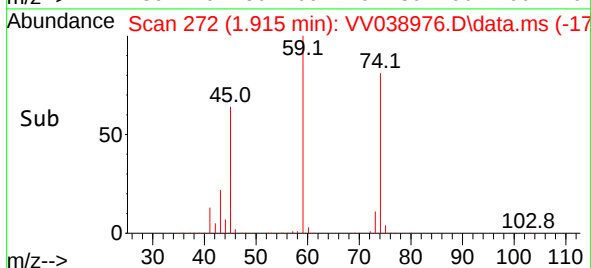
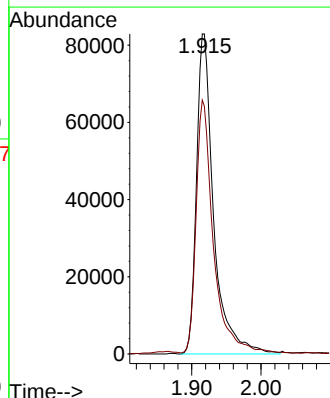
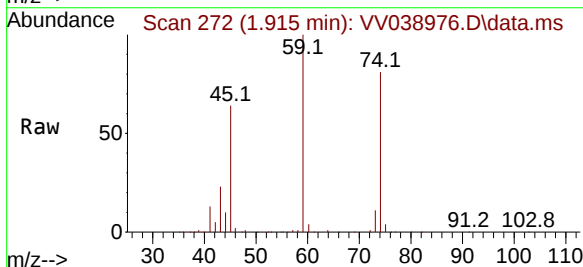
Instrument :
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 VSTDICCC050

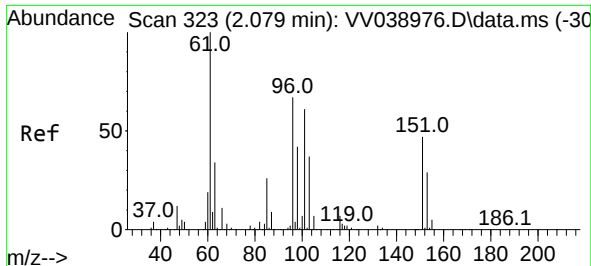
Tgt Ion:101 Resp: 488190
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 46.440 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038976.D
 Acq: 21 Aug 2025 10:38

Tgt Ion: 74 Resp: 143076
 Ion Ratio Lower Upper
 74 100
 45 79.6 39.8 119.4

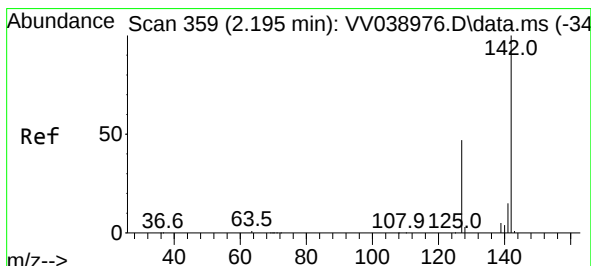
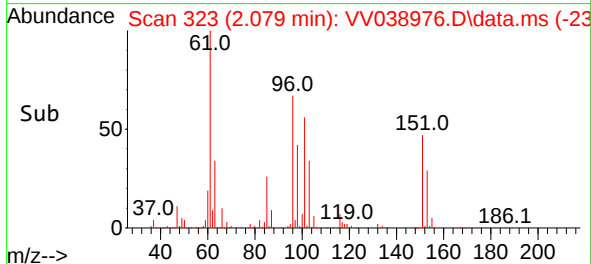
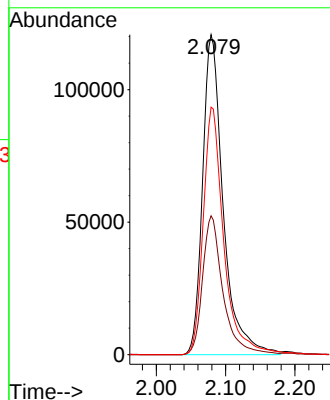
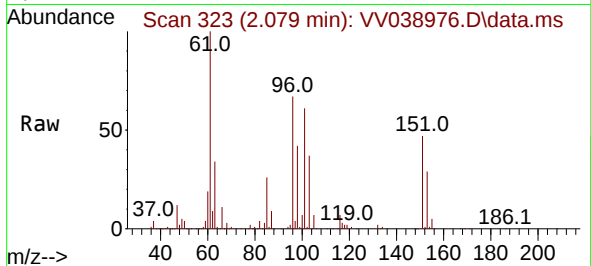




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.001 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038976.D
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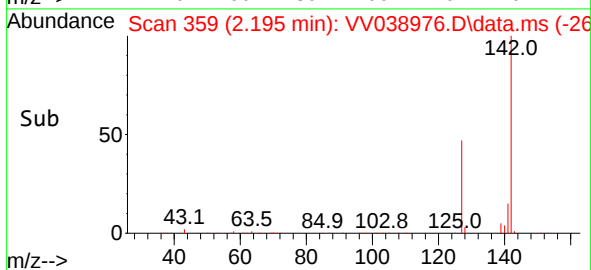
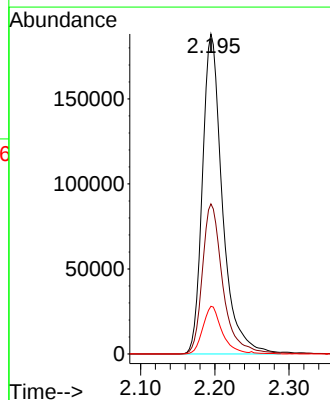
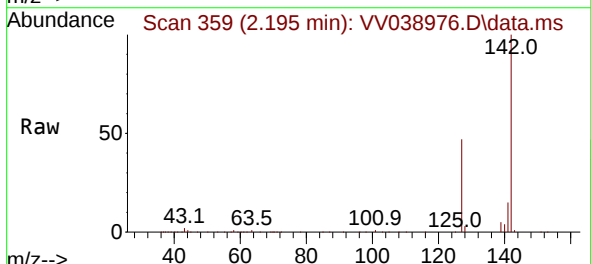
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

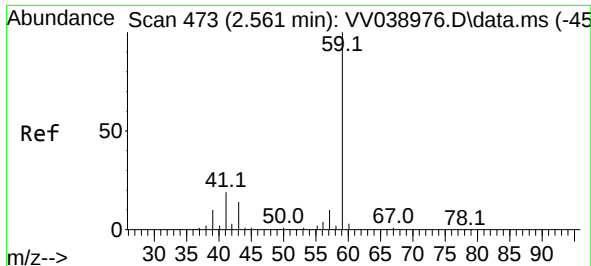
Tgt Ion:101 Resp: 248852
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 77.6 62.1 93.1



#10
Methyl Iodide
Concen: 51.065 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:142 Resp: 351327
Ion Ratio Lower Upper
142 100
127 48.2 38.6 57.8
141 14.3 11.4 17.2

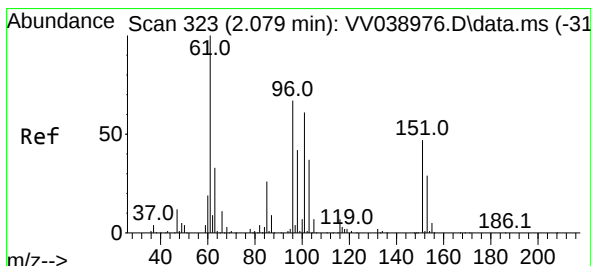
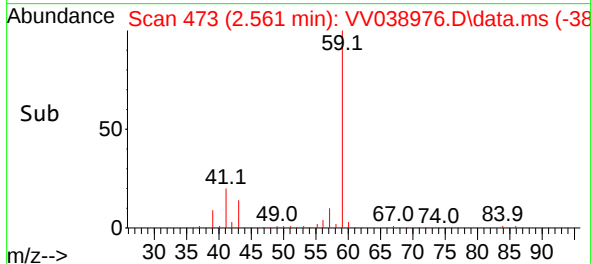
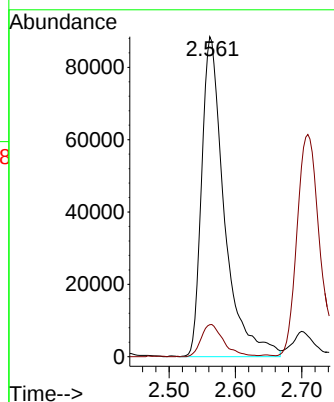
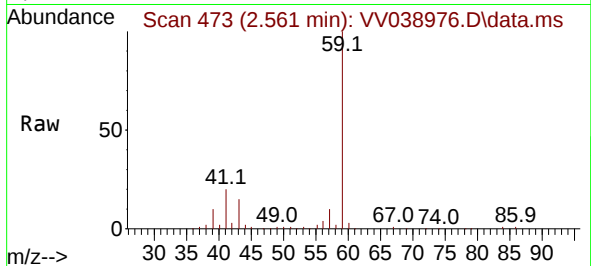




#11
Tert butyl alcohol
Concen: 246.905 ug/l
RT: 2.561 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

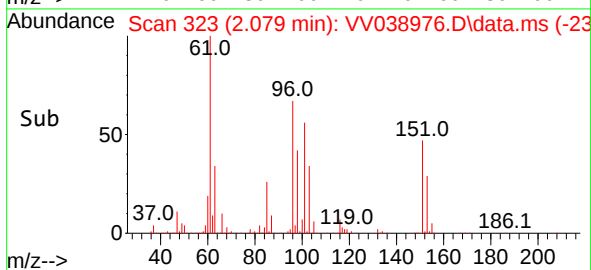
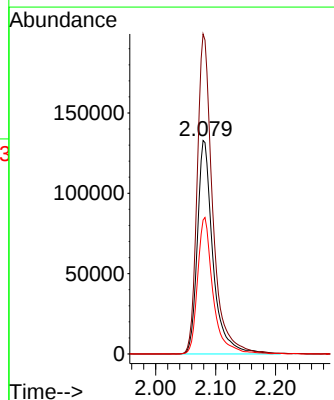
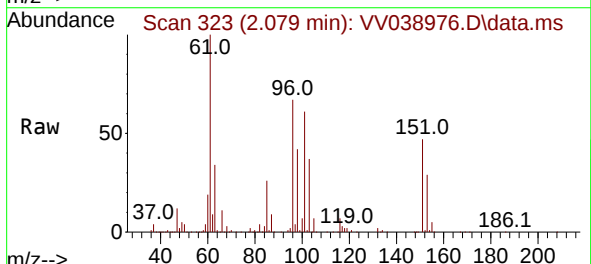
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

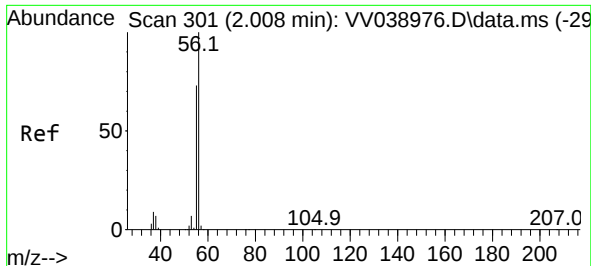
Tgt Ion: 59 Resp: 210470
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.250 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 96 Resp: 240695
Ion Ratio Lower Upper
96 100
61 149.8 119.8 179.8
98 62.7 50.2 75.2

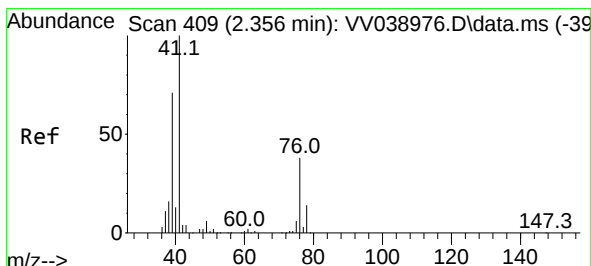
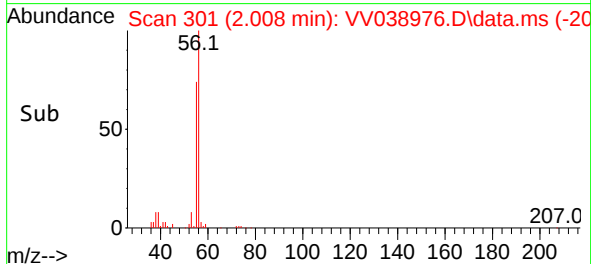
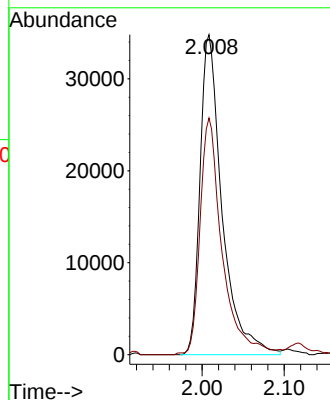
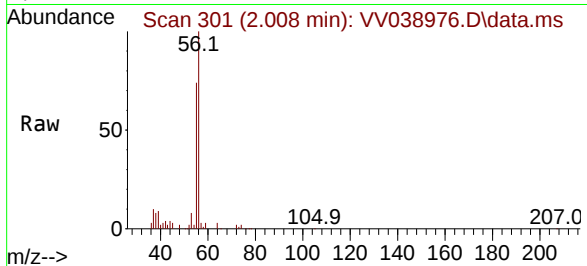




#13
Acrolein
Concen: 234.007 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

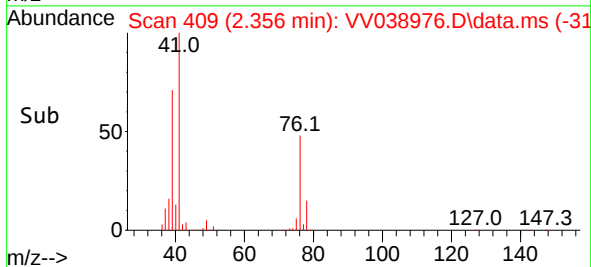
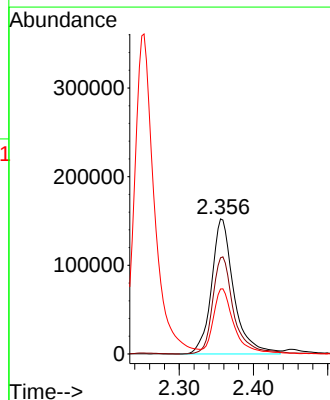
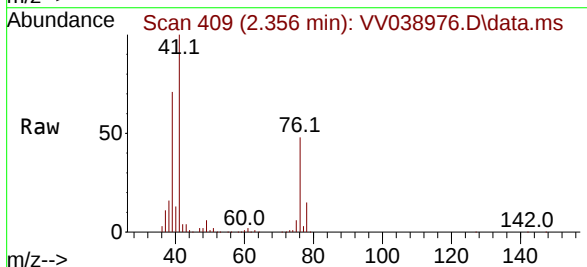
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

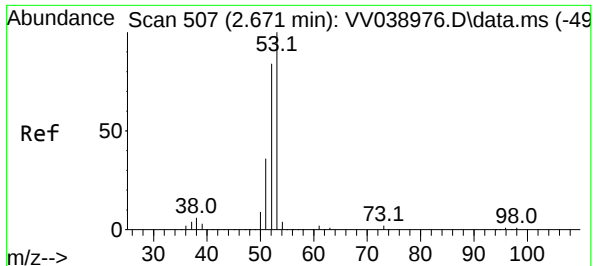
Tgt Ion: 56 Resp: 64952
Ion Ratio Lower Upper
56 100
55 73.5 58.8 88.2



#14
Allyl chloride
Concen: 46.835 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 41 Resp: 318552
Ion Ratio Lower Upper
41 100
39 68.7 55.0 82.4
76 44.5 35.6 53.4

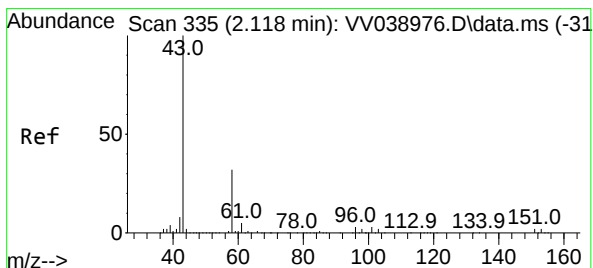
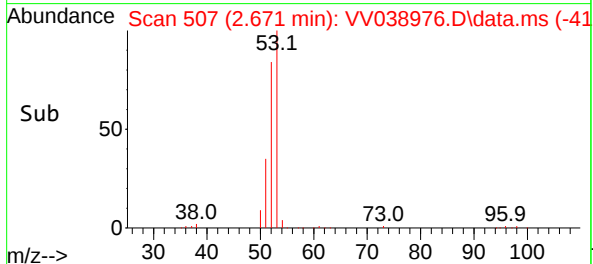
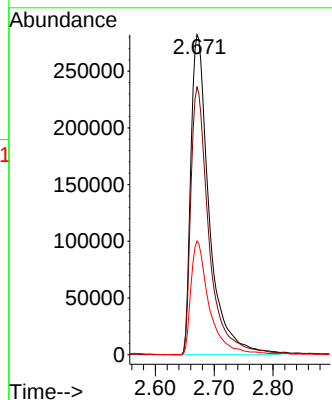
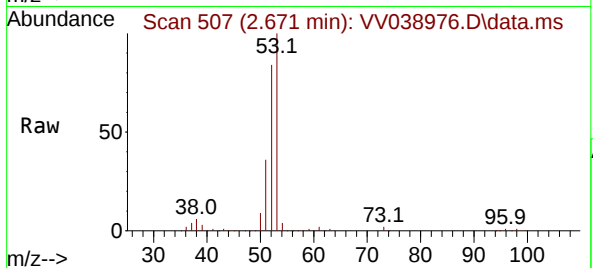




#15
Acrylonitrile
Concen: 236.374 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

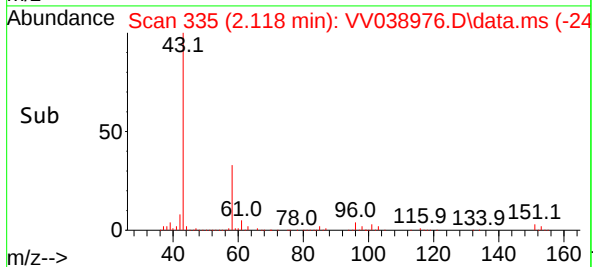
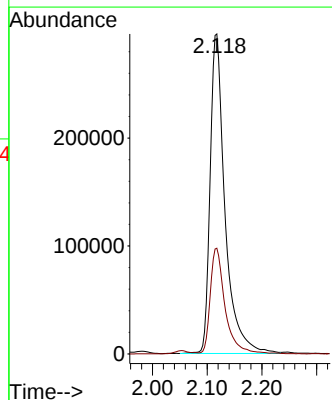
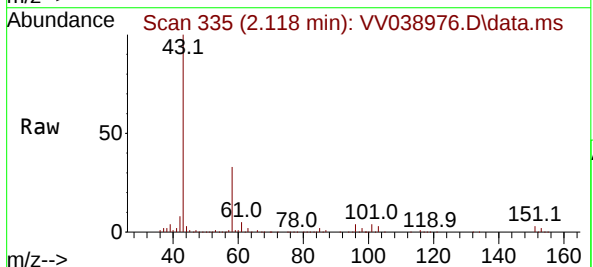
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

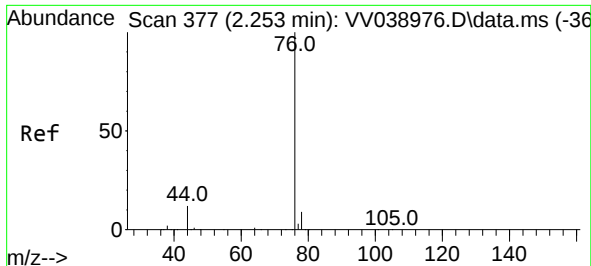
Tgt Ion: 53 Resp: 612933
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 35.6 28.5 42.7



#16
Acetone
Concen: 221.014 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 43 Resp: 558678
Ion Ratio Lower Upper
43 100
58 32.9 26.3 39.5

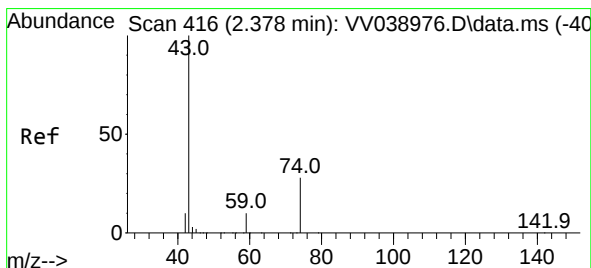
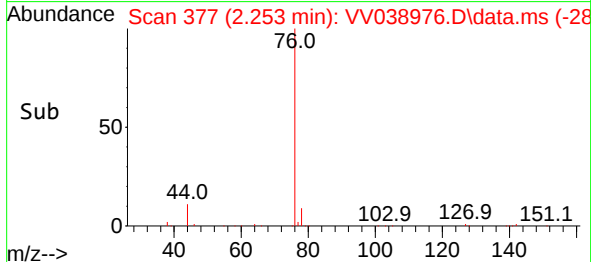
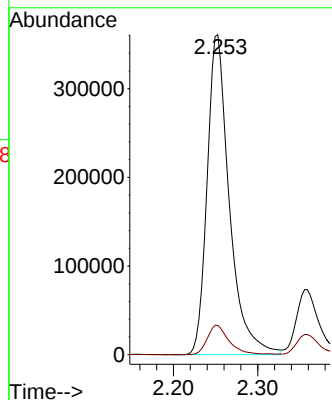
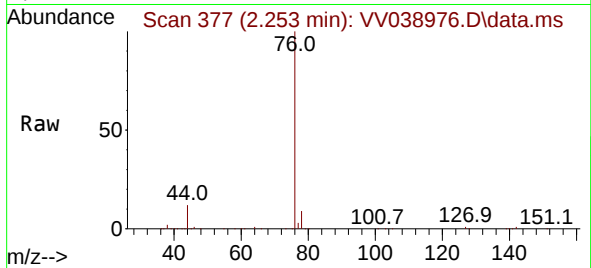




#17
Carbon Disulfide
Concen: 46.754 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

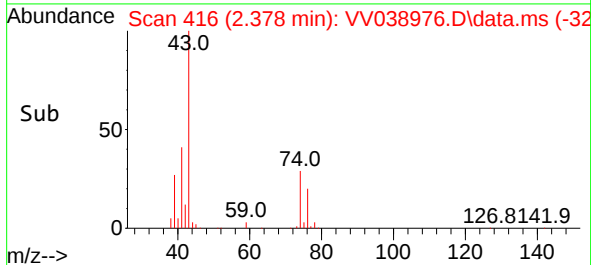
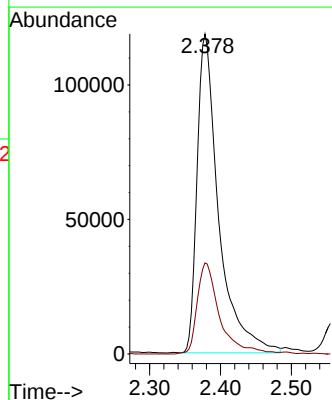
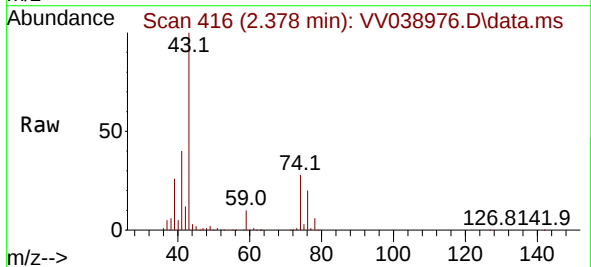
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

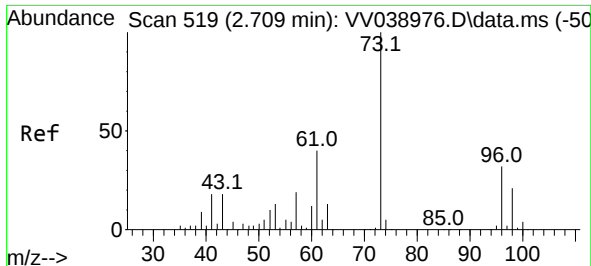
Tgt Ion: 76 Resp: 662441
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.906 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 43 Resp: 251313
Ion Ratio Lower Upper
43 100
74 29.4 23.5 35.3

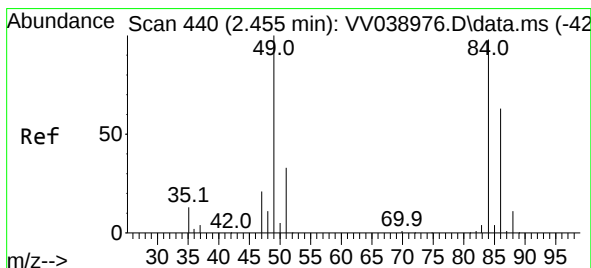
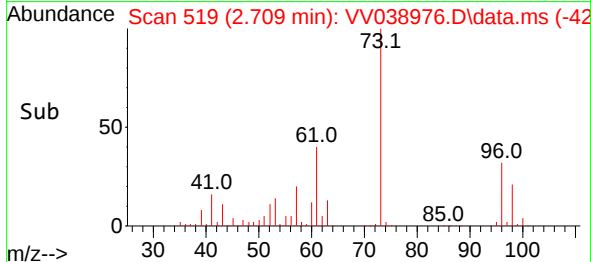
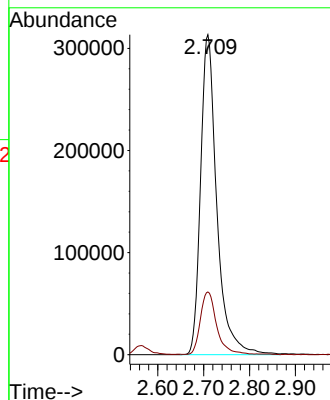
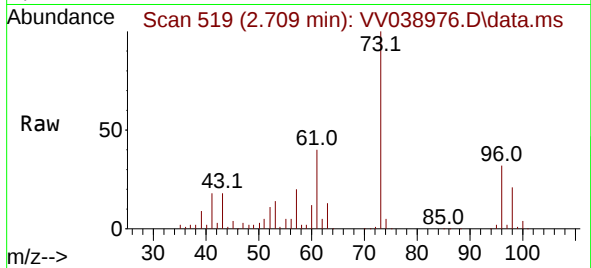




#19
Methyl tert-butyl Ether
Concen: 51.117 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

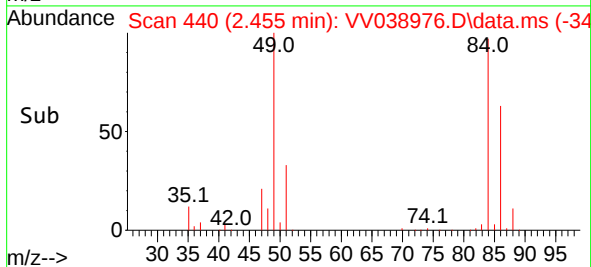
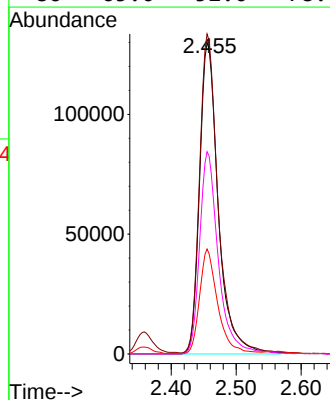
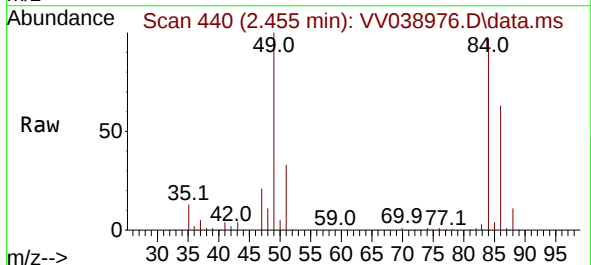
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

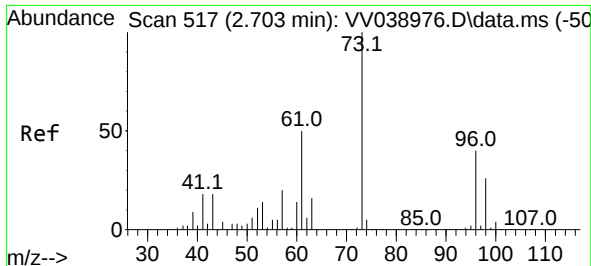
Tgt Ion: 73 Resp: 769957
Ion Ratio Lower Upper
73 100
57 19.6 15.7 23.5



#20
Methylene Chloride
Concen: 44.394 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 84 Resp: 260786
Ion Ratio Lower Upper
84 100
49 102.4 81.9 122.9
51 33.6 26.9 40.3
86 65.0 52.0 78.0

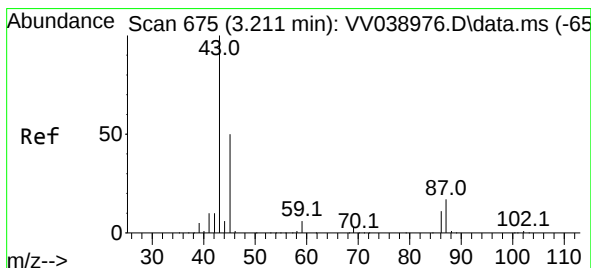
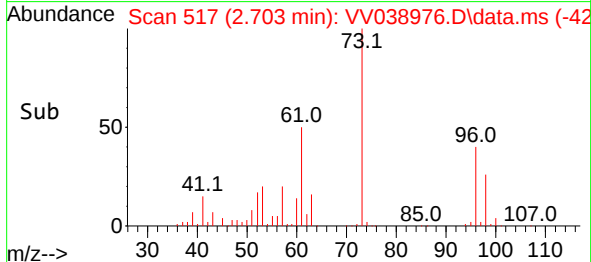
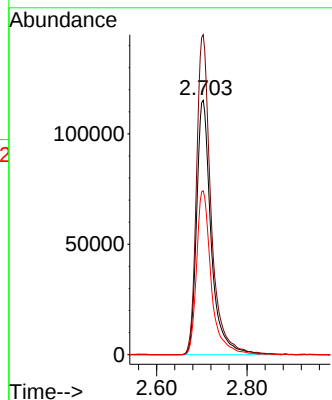
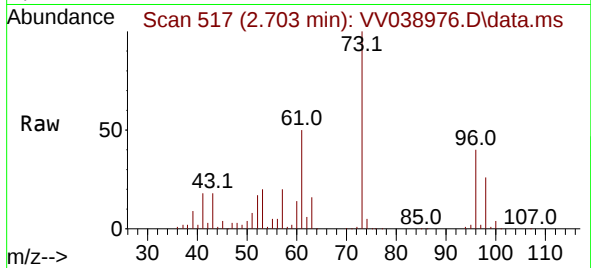




#21
trans-1,2-Dichloroethene
Concen: 48.453 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

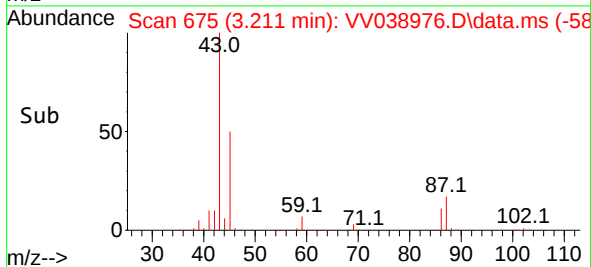
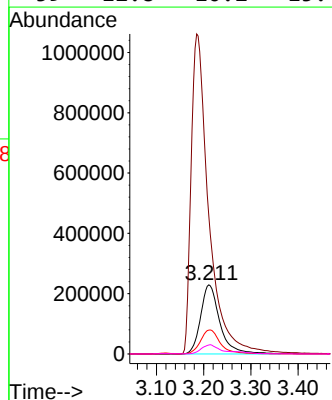
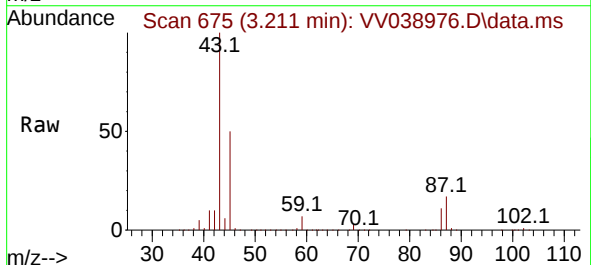
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

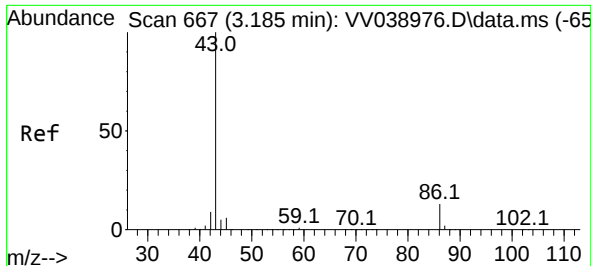
Tgt Ion: 96 Resp: 257083
Ion Ratio Lower Upper
96 100
61 125.8 100.6 151.0
98 64.4 51.5 77.3



#22
Diisopropyl ether
Concen: 43.415 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 45 Resp: 648326
Ion Ratio Lower Upper
45 100
43 199.2 159.4 239.0
87 34.4 27.5 41.3
59 12.8 10.2 15.4

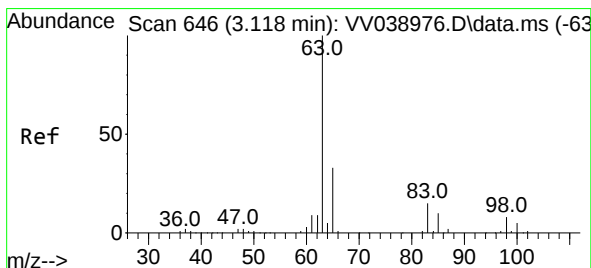
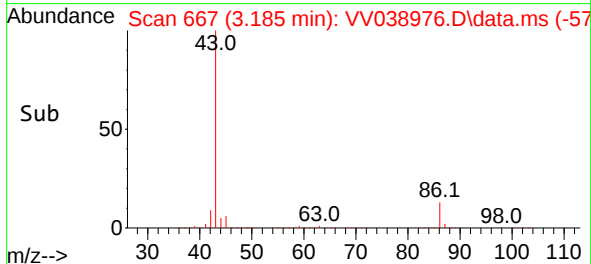
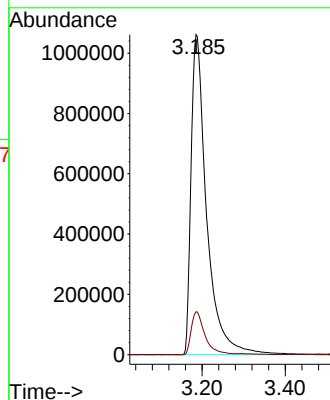
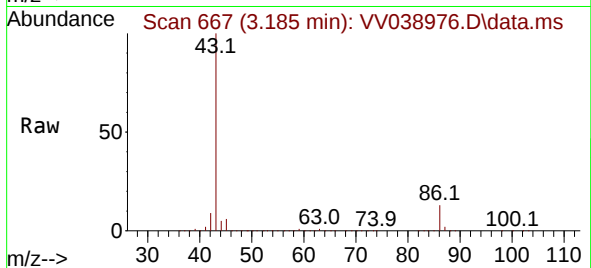




#23
 Vinyl Acetate
 Concen: 230.385 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038976.D
 Acq: 21 Aug 2025 10:38

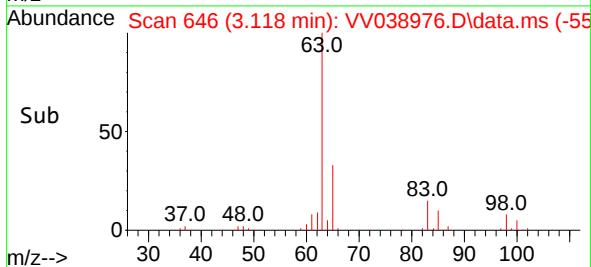
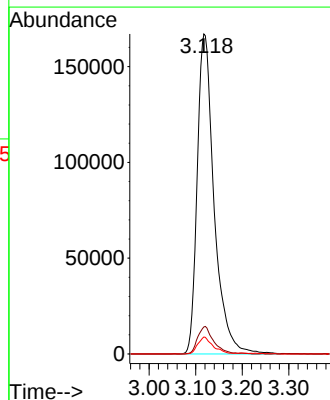
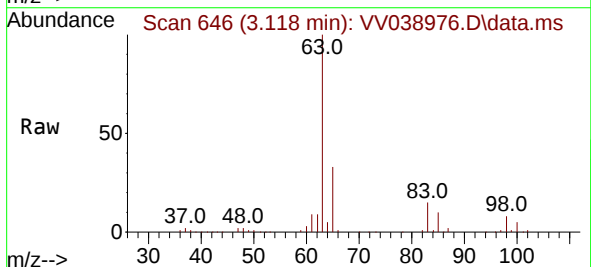
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

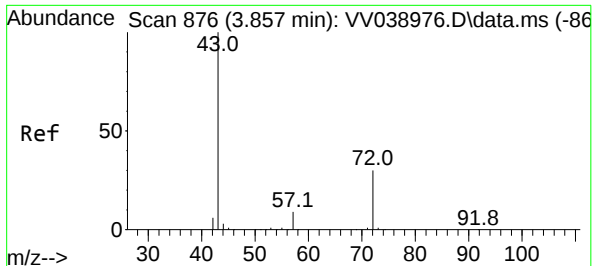
Tgt Ion: 43 Resp: 2754420
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 42.649 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038976.D
 Acq: 21 Aug 2025 10:38

Tgt Ion: 63 Resp: 421880
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 12.8
 100 5.3 2.6 8.0

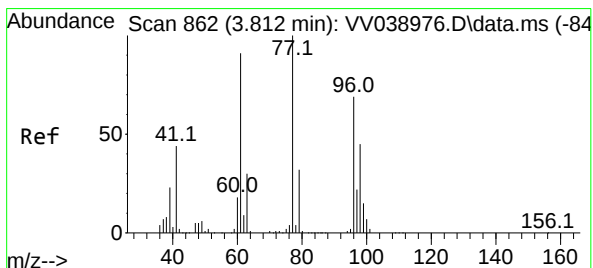
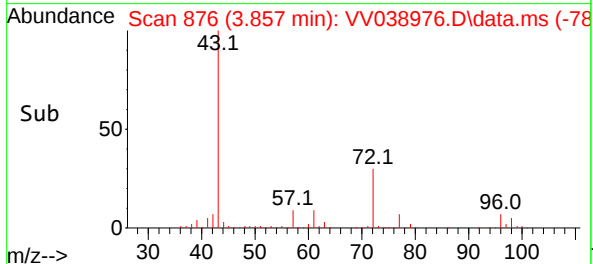
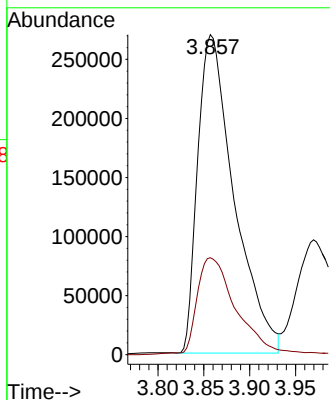
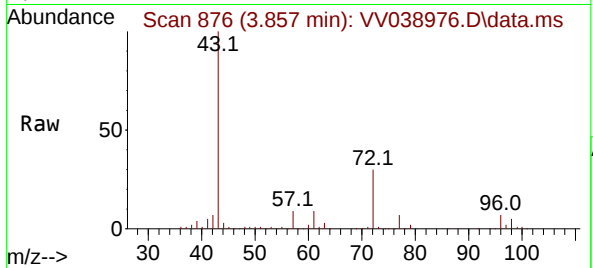




#25
2-Butanone
Concen: 222.071 ug/l
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

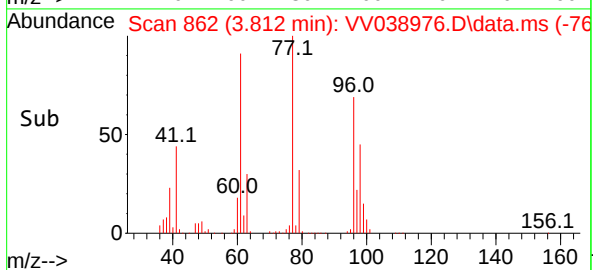
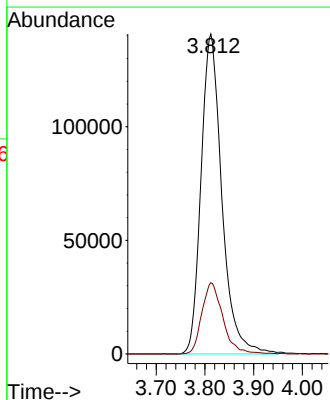
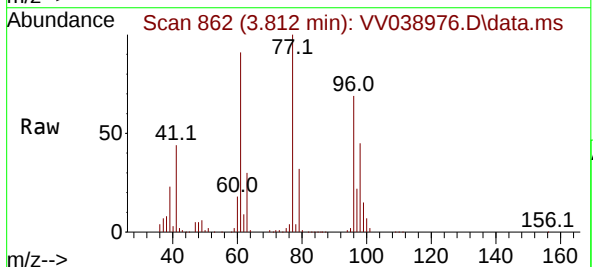
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

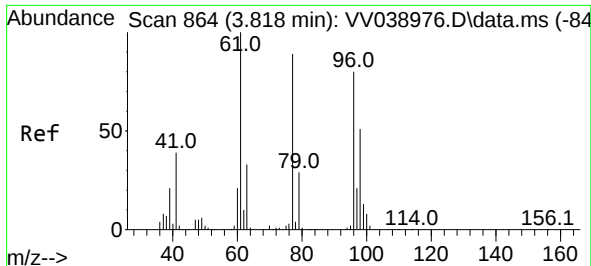
Tgt Ion: 43 Resp: 746049
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 44.088 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 77 Resp: 418362
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 44.872 ug/l

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

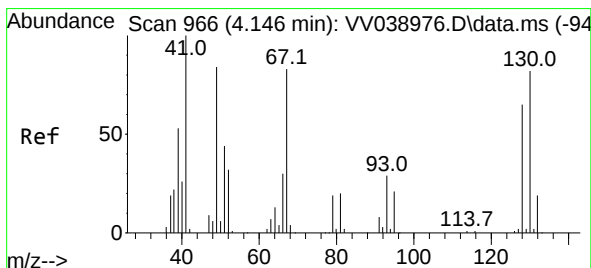
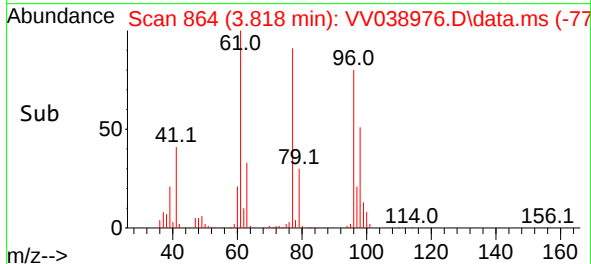
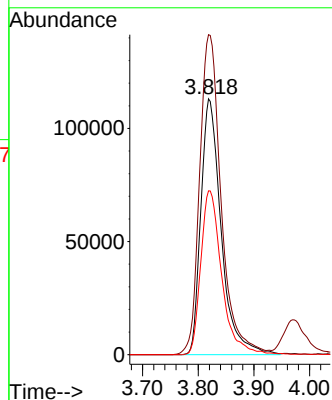
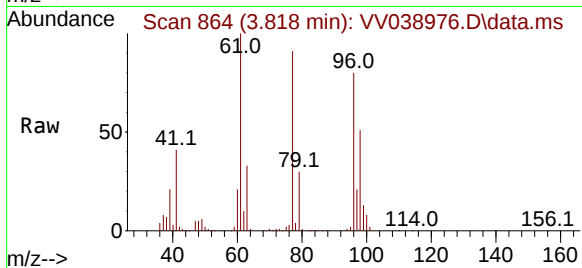
Tgt Ion: 96 Resp: 287359

Ion Ratio Lower Upper

96 100

61 132.2 0.0 264.4

98 65.9 0.0 131.8



#28

Bromochloromethane

Concen: 47.639 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

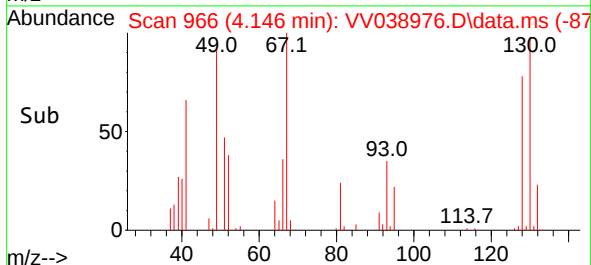
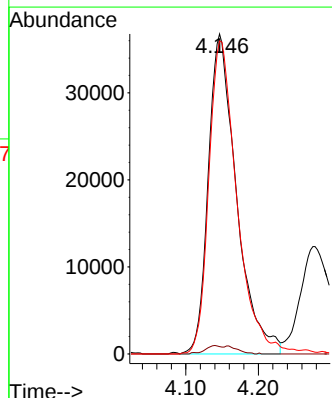
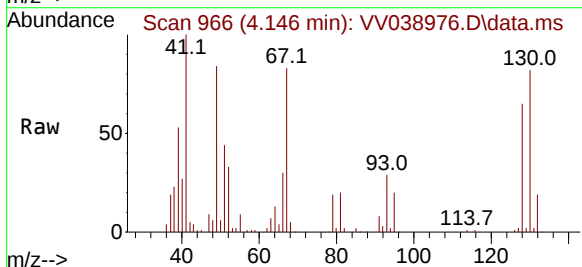
Tgt Ion: 49 Resp: 99203

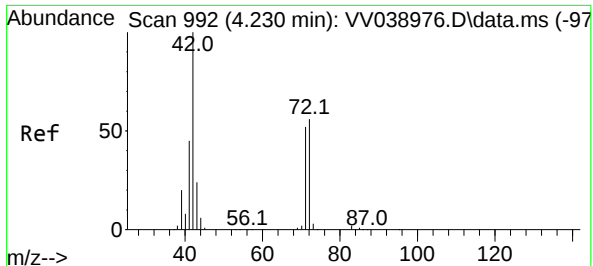
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 97.7 78.2 117.2





#29

Tetrahydrofuran

Concen: 214.773 ug/l

RT: 4.230 min Scan# 992

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

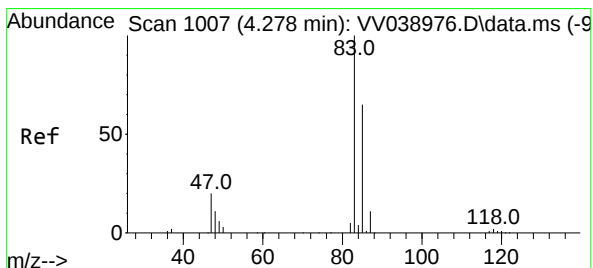
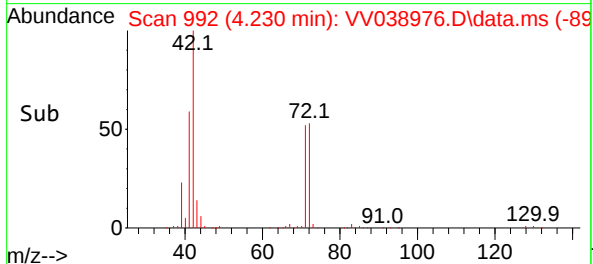
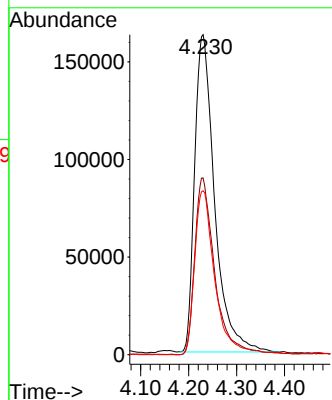
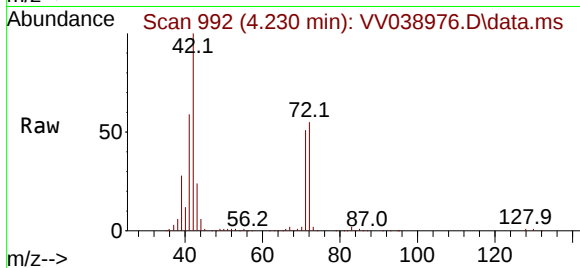
Tgt Ion: 42 Resp: 470026

Ion Ratio Lower Upper

42 100

72 55.7 44.6 66.8

71 52.0 41.6 62.4



#30

Chloroform

Concen: 42.466 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038976.D

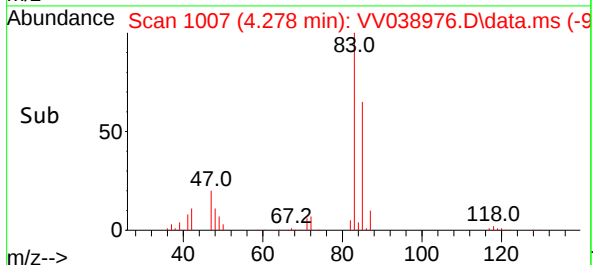
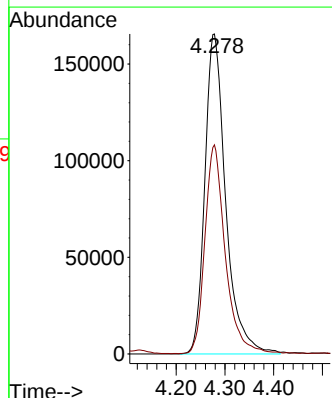
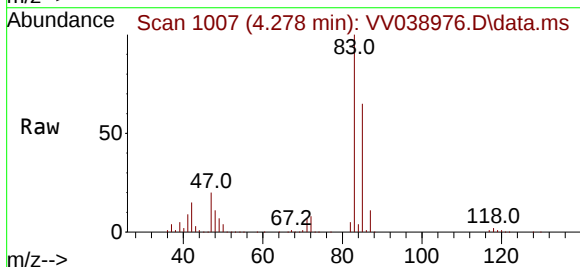
Acq: 21 Aug 2025 10:38

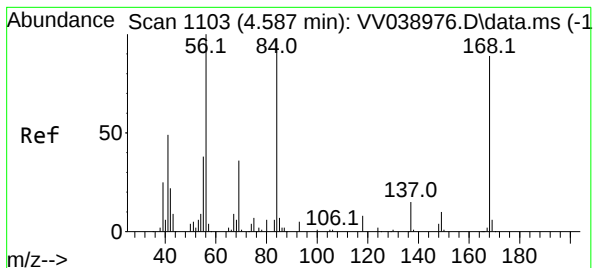
Tgt Ion: 83 Resp: 491932

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.2





#31

Cyclohexane

Concen: 41.094 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

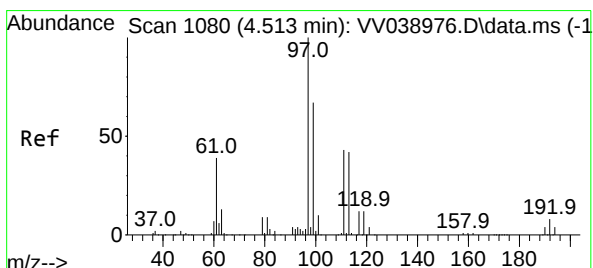
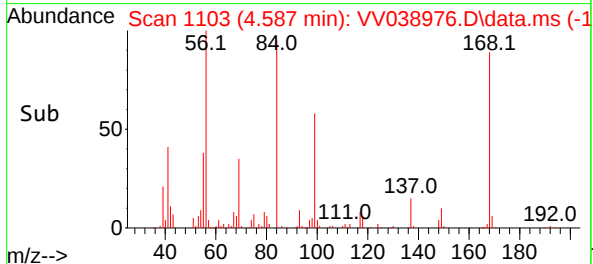
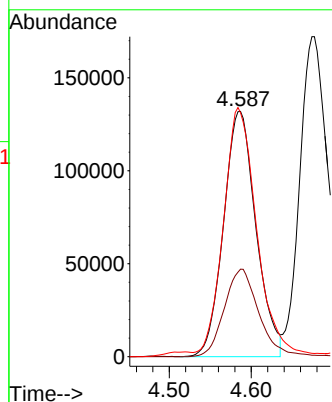
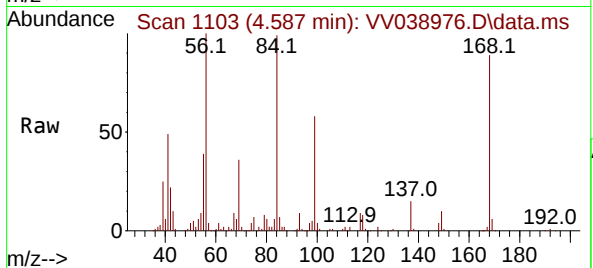
Tgt Ion: 56 Resp: 362688

Ion Ratio Lower Upper

56 100

69 35.7 28.6 42.8

84 97.6 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 43.888 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

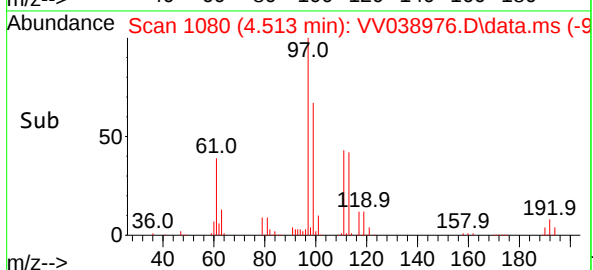
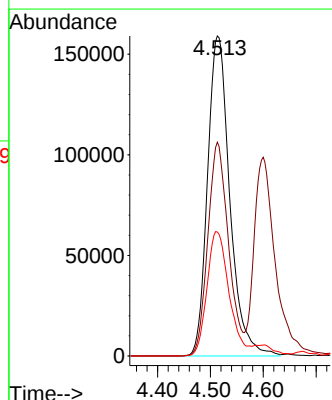
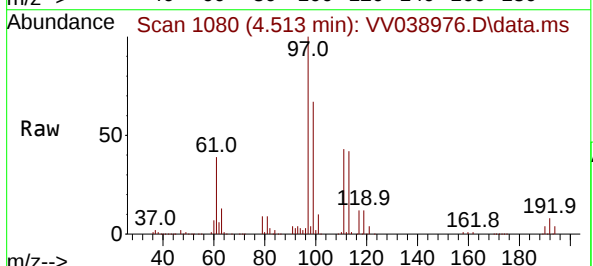
Tgt Ion: 97 Resp: 466097

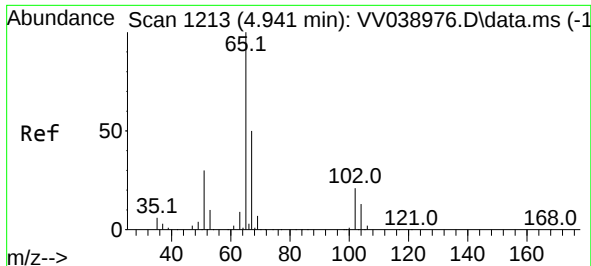
Ion Ratio Lower Upper

97 100

99 61.9 49.5 74.3

61 38.6 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 45.854 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

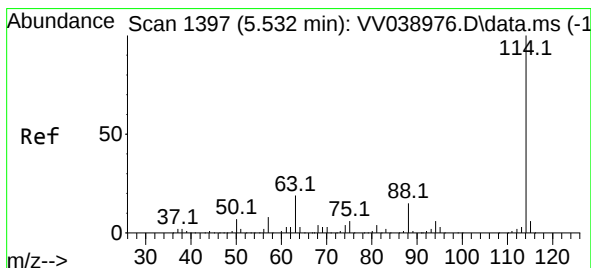
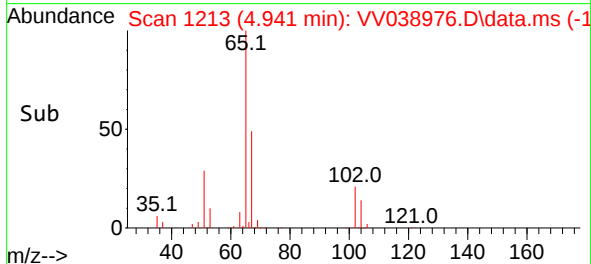
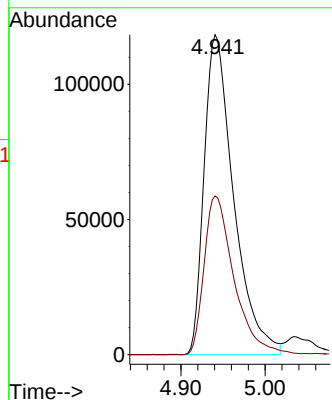
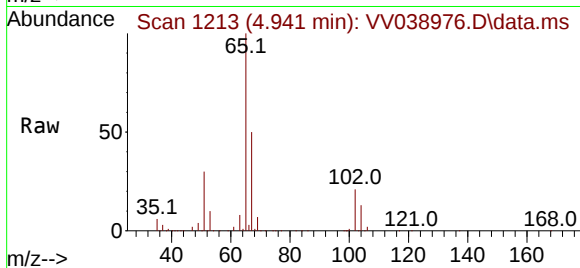
VSTDICCC050

Tgt Ion: 65 Resp: 288796

Ion Ratio Lower Upper

65 100

67 50.2 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: VV038976.D

Acq: 21 Aug 2025 10:38

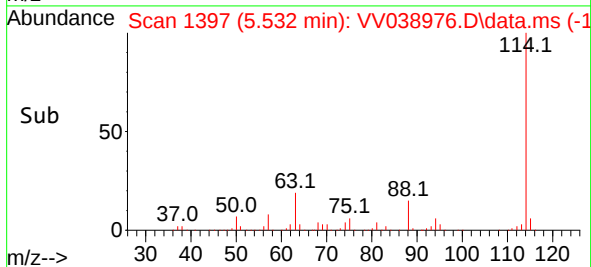
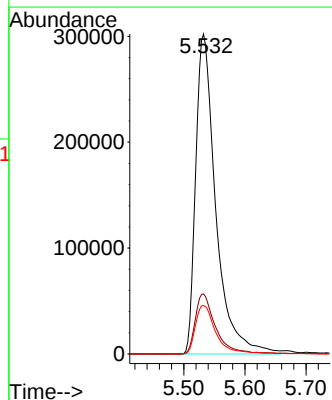
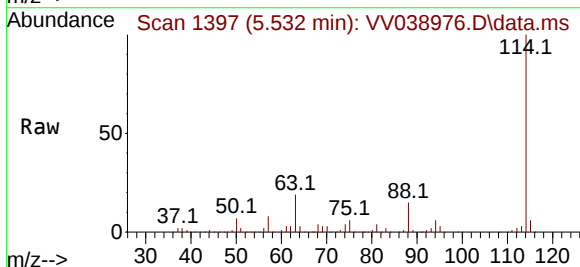
Tgt Ion: 114 Resp: 689451

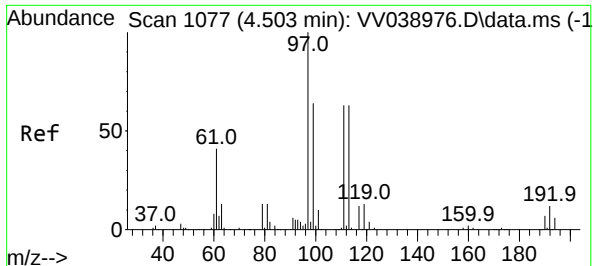
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.2 0.0 30.4

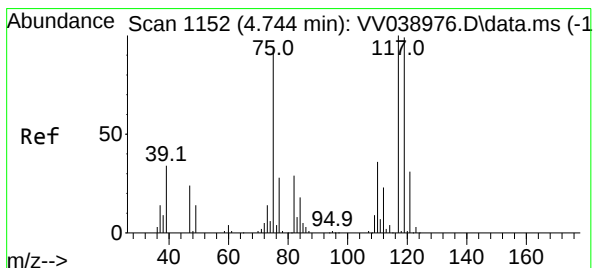
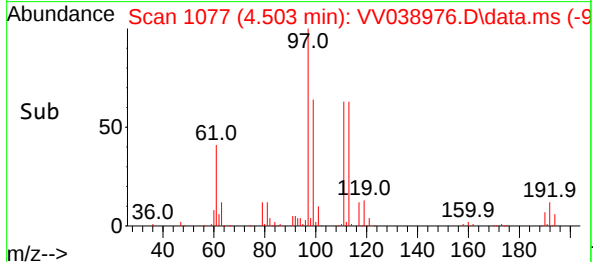
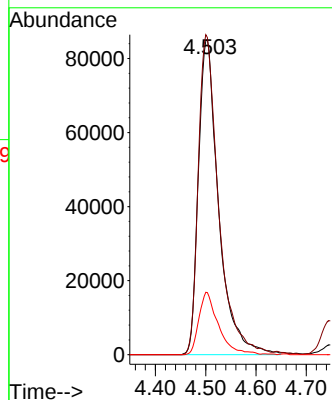
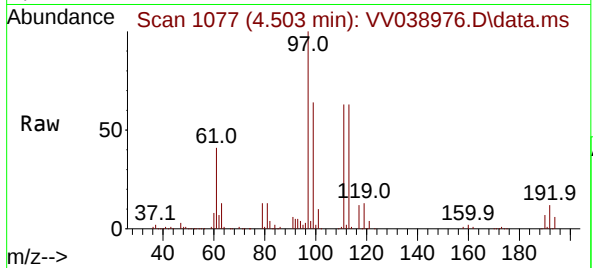




#35
Dibromofluoromethane
Concen: 46.084 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

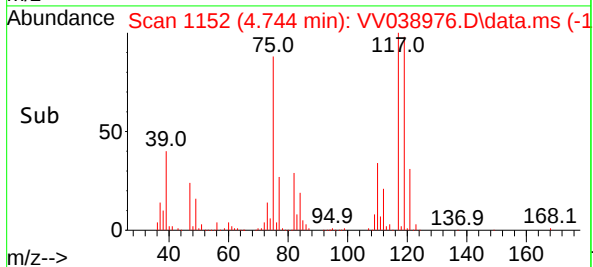
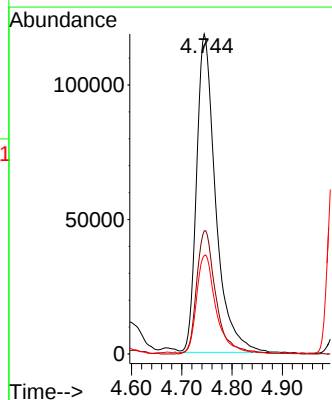
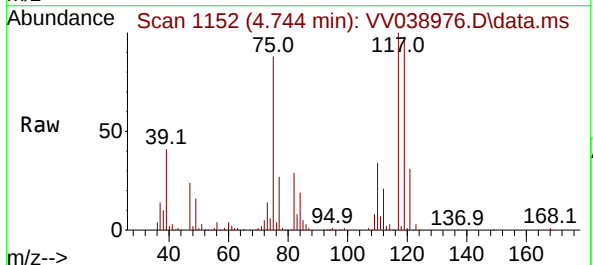
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

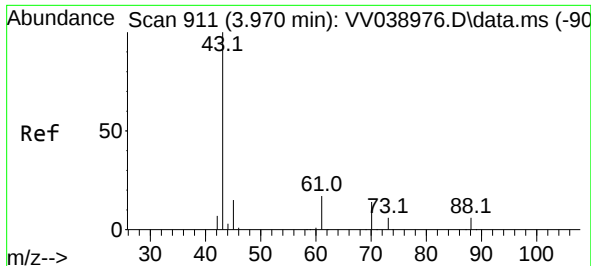
Tgt Ion:113 Resp: 238280
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 46.472 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 75 Resp: 312051
Ion Ratio Lower Upper
75 100
110 39.1 19.6 58.7
77 30.5 24.4 36.6

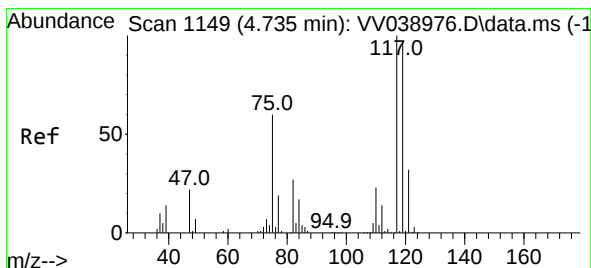
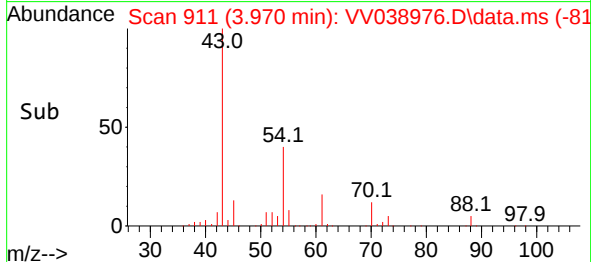
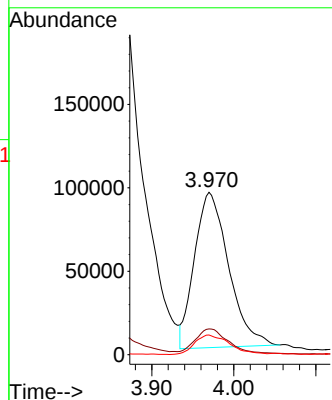
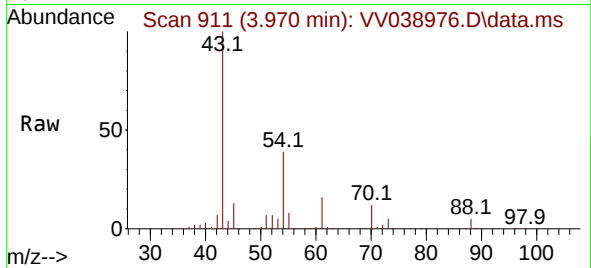




#37
Ethyl Acetate
Concen: 39.071 ug/l
RT: 3.970 min Scan# 911
Delta R.T. -0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

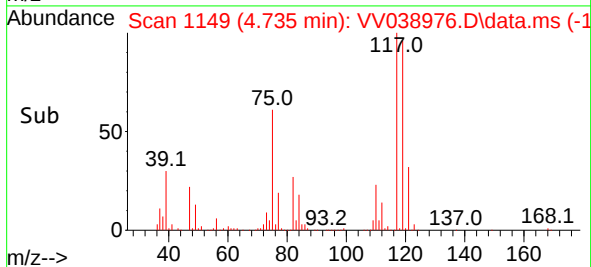
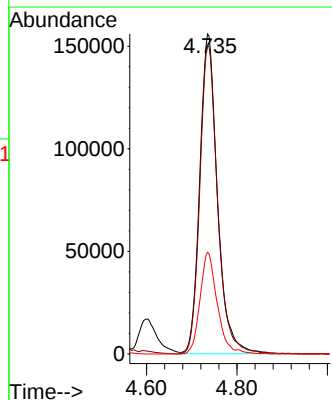
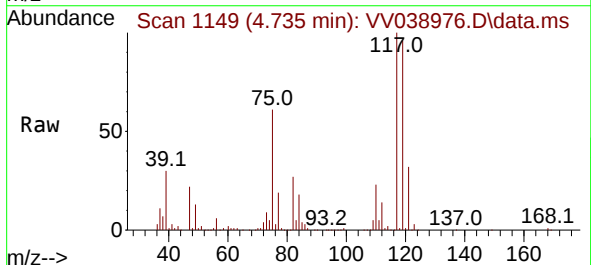
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

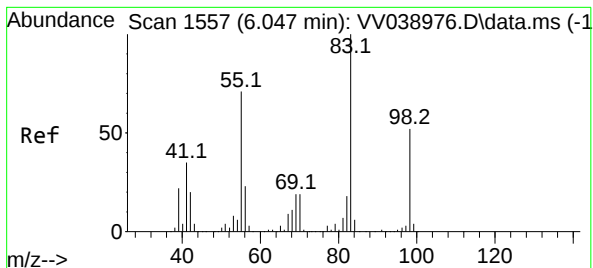
Tgt Ion: 43 Resp: 269687
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 12.8 10.2 15.4



#38
Carbon Tetrachloride
Concen: 47.243 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 117 Resp: 424814
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
121 31.8 25.4 38.2





#39

Methylcyclohexane

Concen: 50.751 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

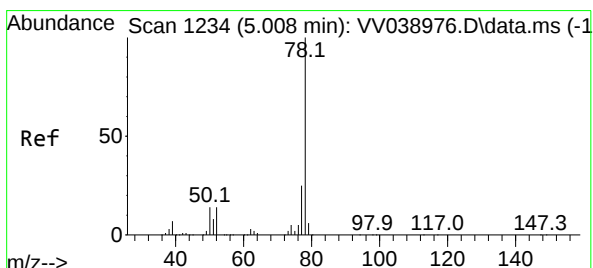
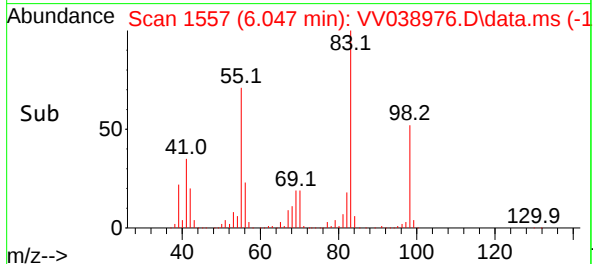
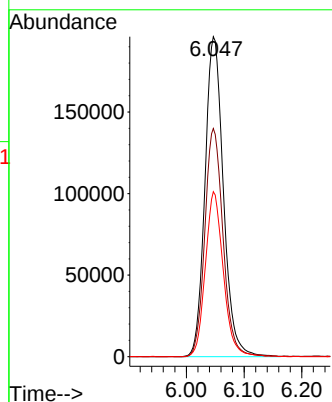
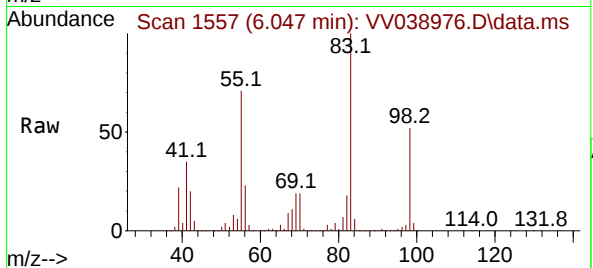
Tgt Ion: 83 Resp: 435443

Ion Ratio Lower Upper

83 100

55 71.3 57.0 85.6

98 51.6 41.3 61.9



#40

Benzene

Concen: 46.893 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038976.D

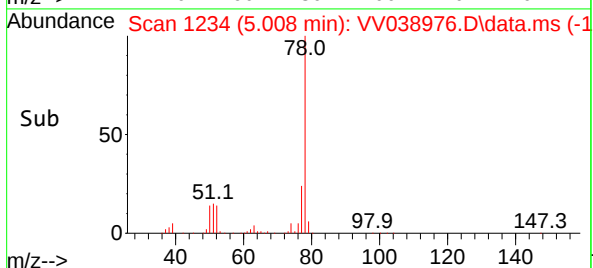
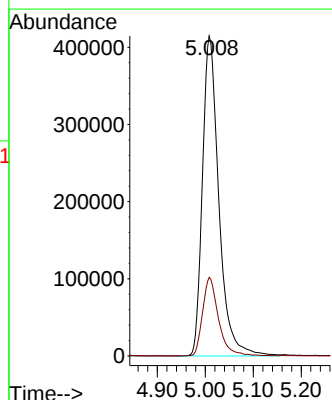
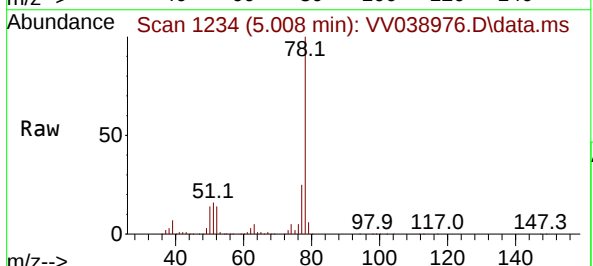
Acq: 21 Aug 2025 10:38

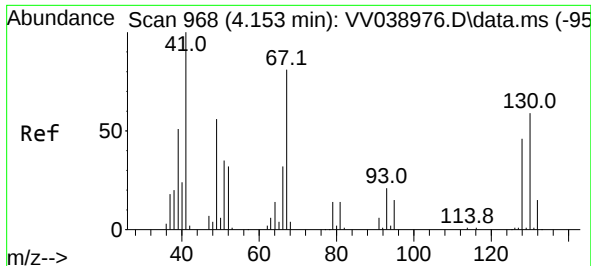
Tgt Ion: 78 Resp: 986232

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4



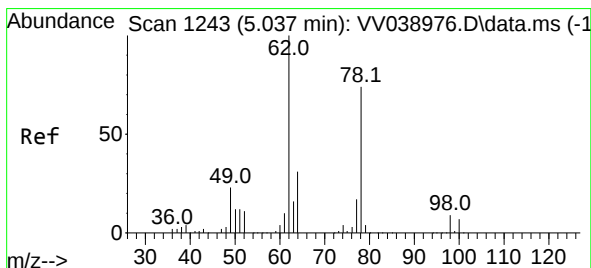
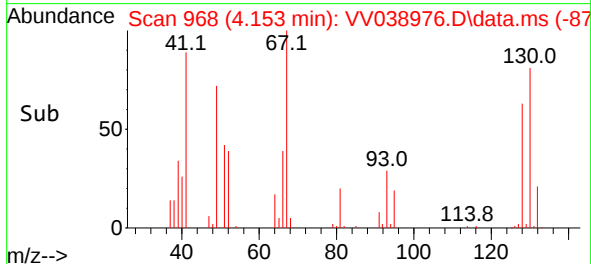
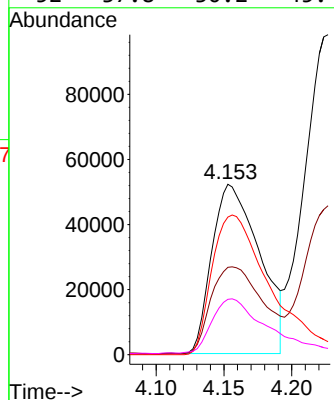
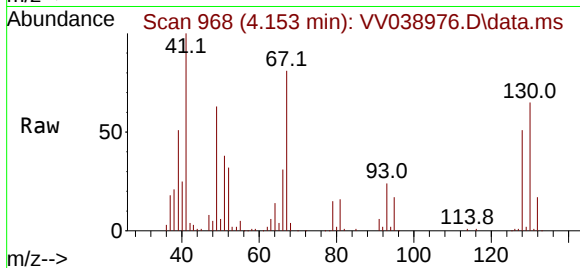


#41
Methacrylonitrile
Concen: 48.796 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 127313

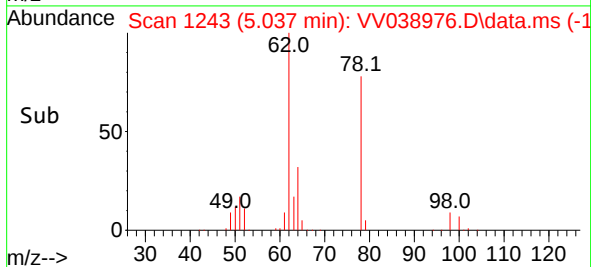
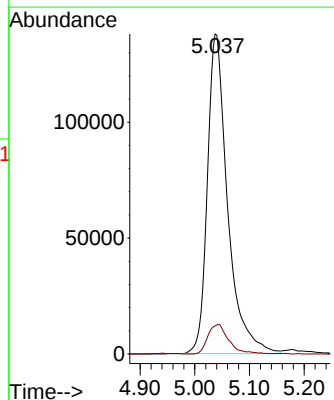
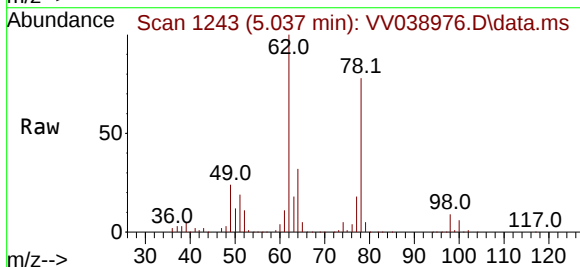
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.5	68.3
67	104.4	83.5	125.3
52	37.8	30.2	45.4

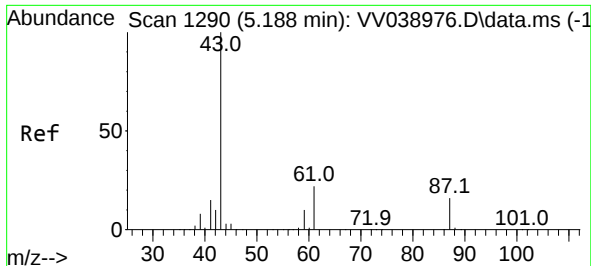


#42
1,2-Dichloroethane
Concen: 46.094 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 62 Resp: 354409

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

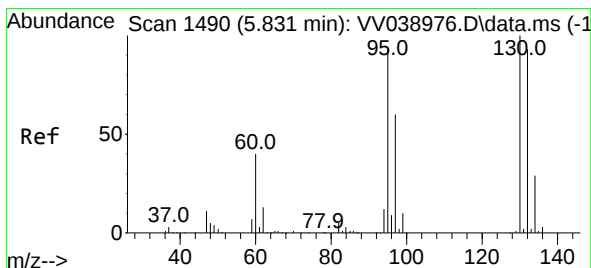
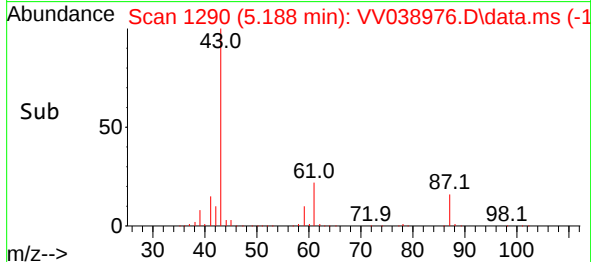
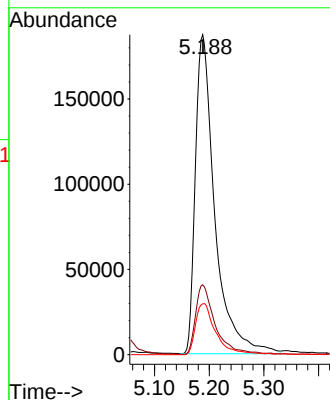
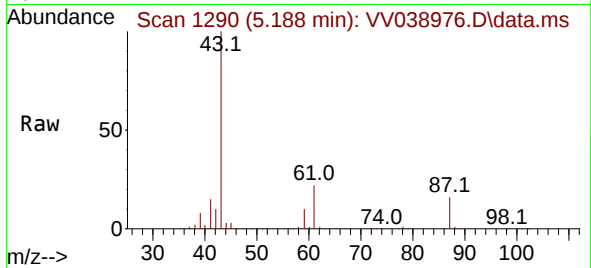




#43
Isopropyl Acetate
Concen: 46.451 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

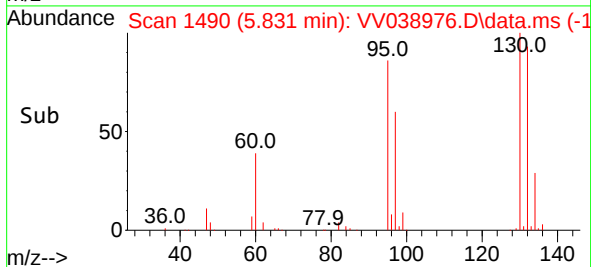
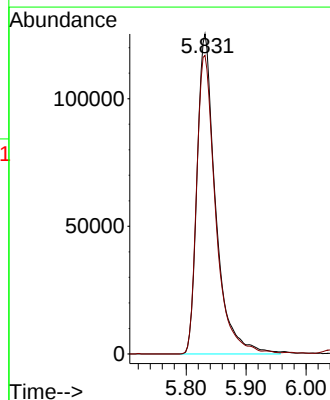
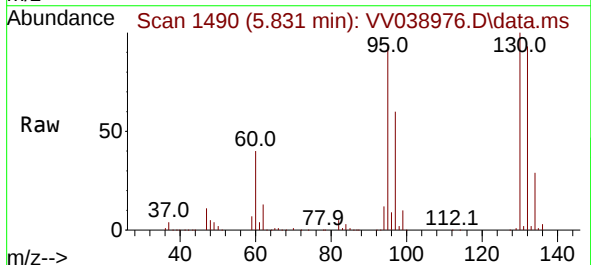
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

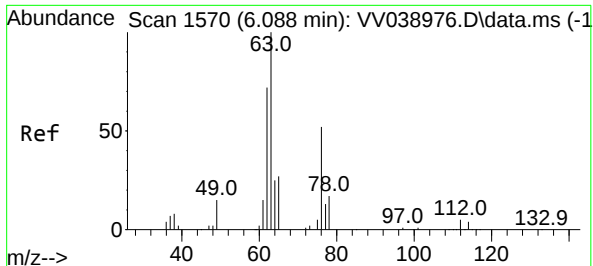
Tgt Ion: 43 Resp: 461979
Ion Ratio Lower Upper
43 100
61 21.8 17.4 26.2
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 47.300 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:130 Resp: 269834
Ion Ratio Lower Upper
130 100
95 93.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 45.046 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

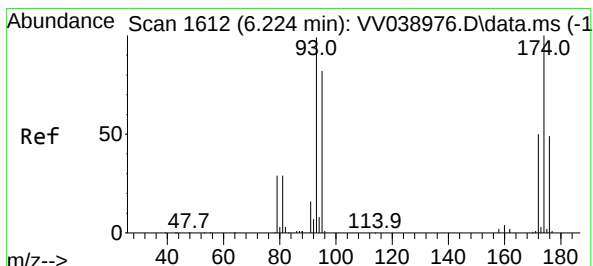
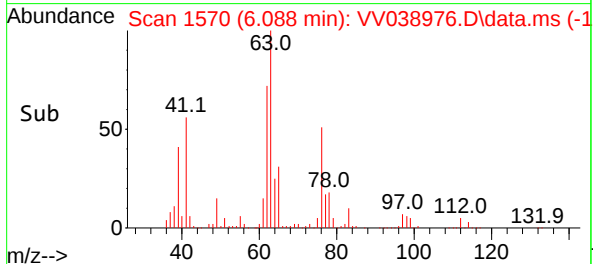
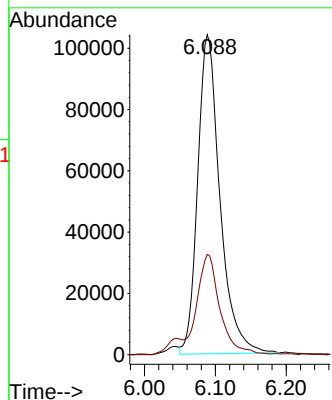
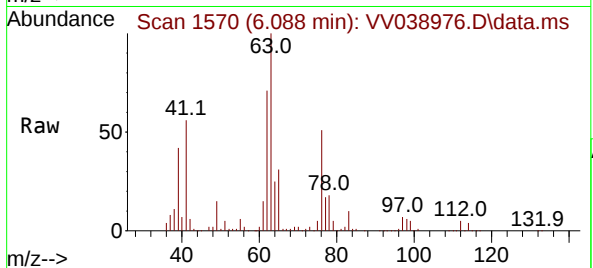
VSTDICCC050

Tgt Ion: 63 Resp: 227210

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 45.550 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

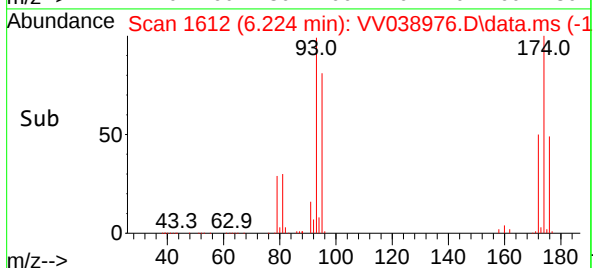
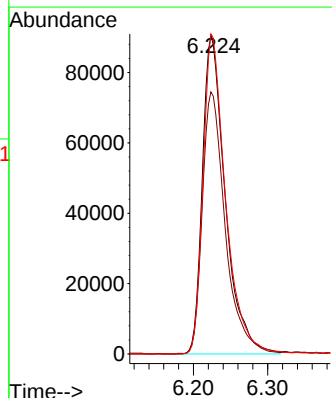
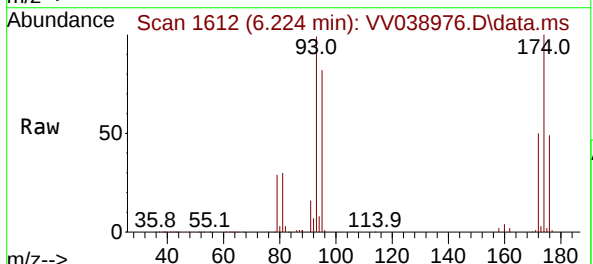
Tgt Ion: 93 Resp: 192782

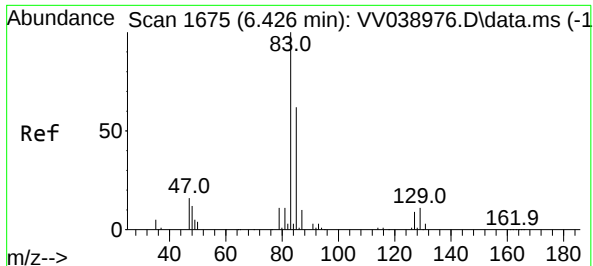
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 99.6 79.7 119.5

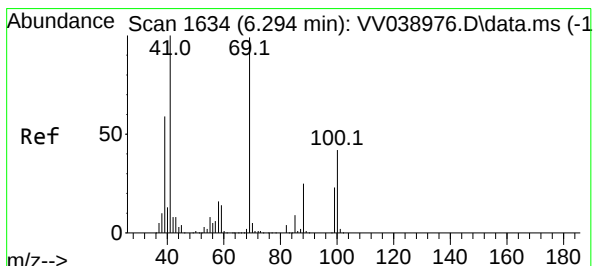
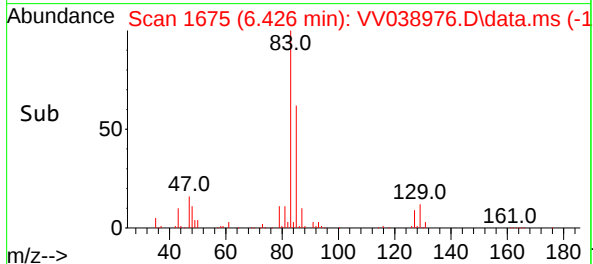
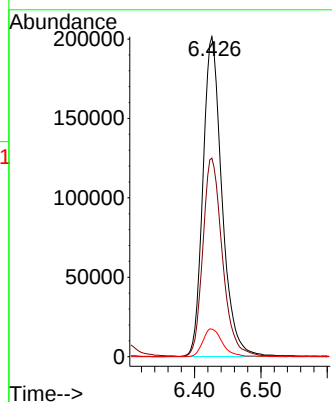
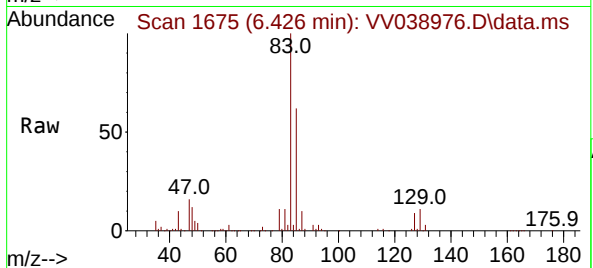




#47
Bromodichloromethane
Concen: 46.715 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

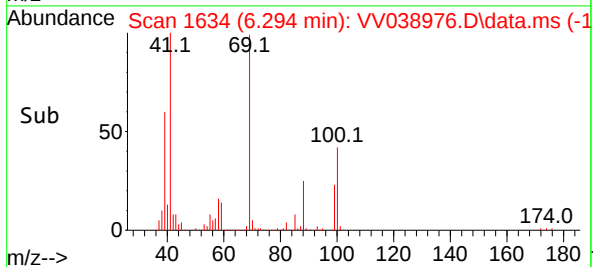
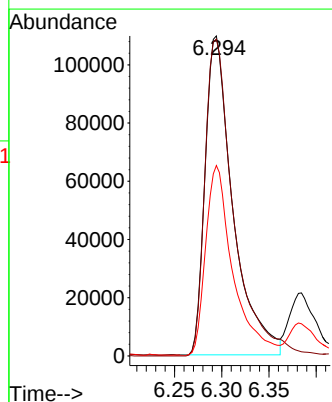
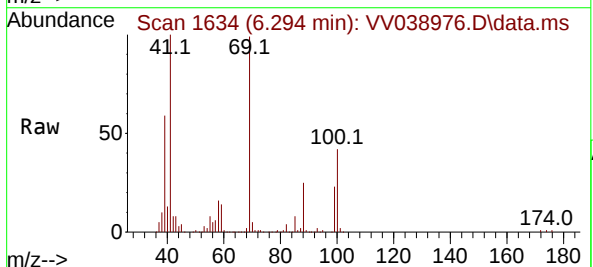
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

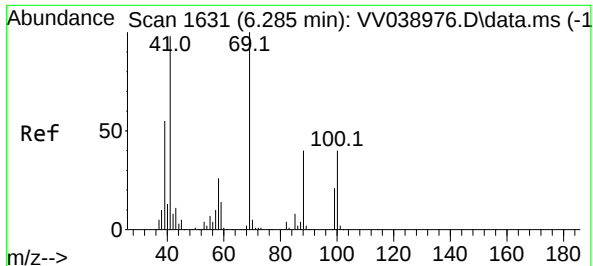
Tgt Ion: 83 Resp: 402376
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 51.026 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 41 Resp: 224732
Ion Ratio Lower Upper
41 100
69 103.1 82.5 123.7
39 58.2 46.6 69.8





#49

1,4-Dioxane

Concen: 960.553 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

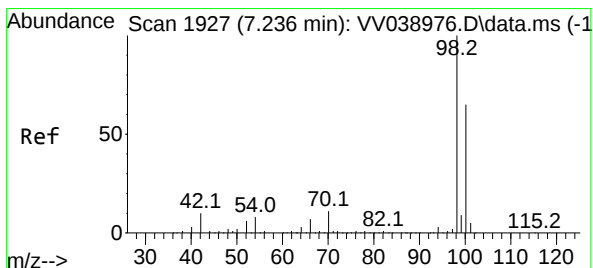
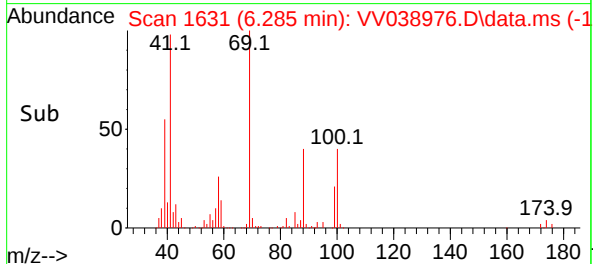
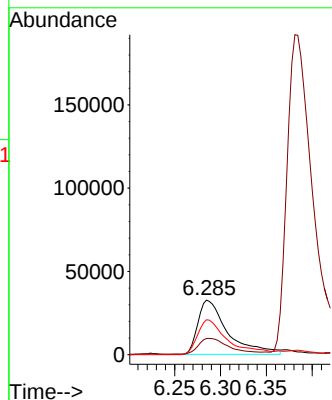
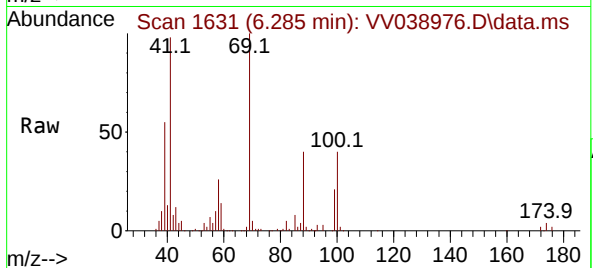
Tgt Ion: 88 Resp: 73876

Ion Ratio Lower Upper

88 100

43 30.7 24.6 36.8

58 64.7 51.8 77.6



#50

Toluene-d8

Concen: 51.177 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038976.D

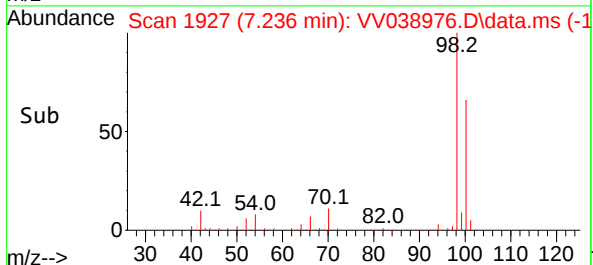
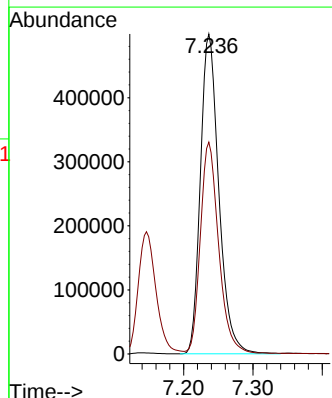
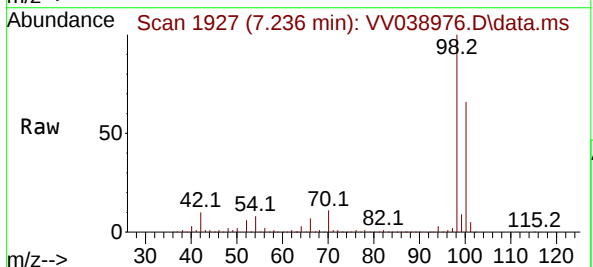
Acq: 21 Aug 2025 10:38

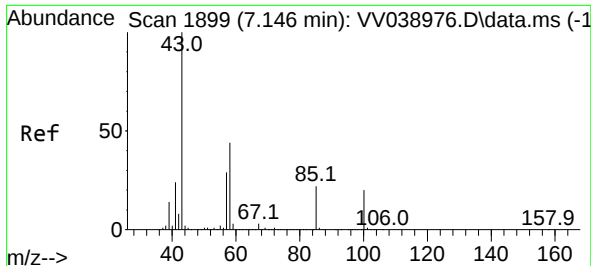
Tgt Ion: 98 Resp: 922715

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

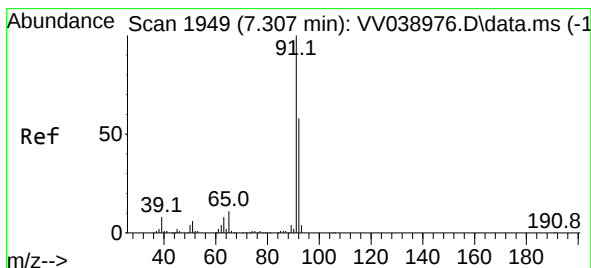
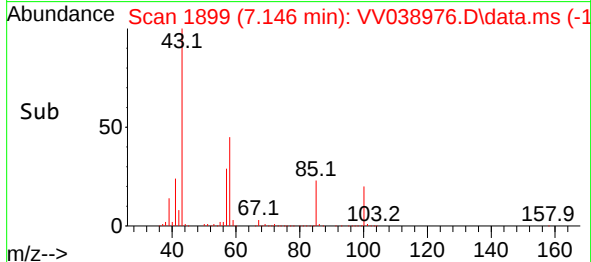
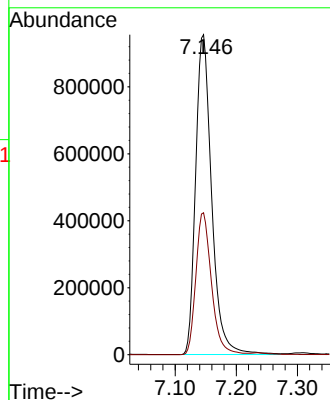
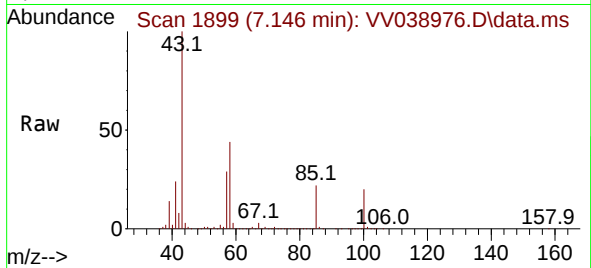




#51
4-Methyl-2-Pentanone
Concen: 260.874 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

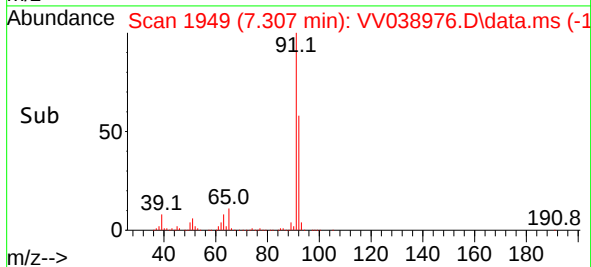
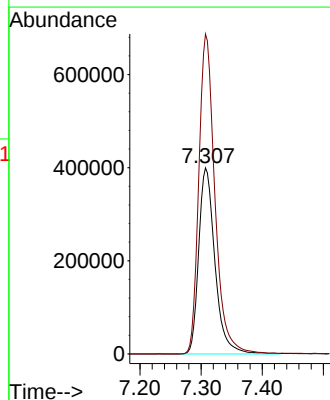
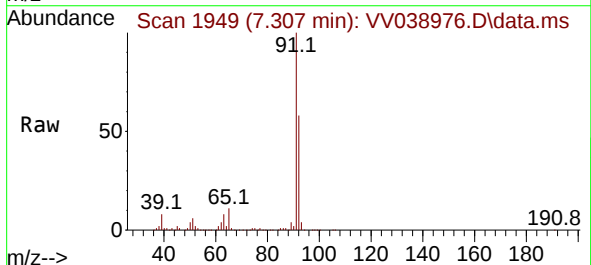
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

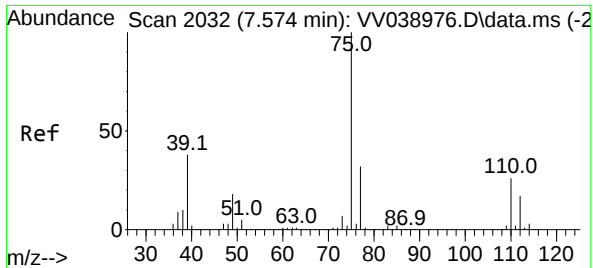
Tgt Ion: 43 Resp: 1740974
Ion Ratio Lower Upper
43 100
58 43.2 34.6 51.8



#52
Toluene
Concen: 55.376 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 92 Resp: 737583
Ion Ratio Lower Upper
92 100
91 170.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 59.598 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

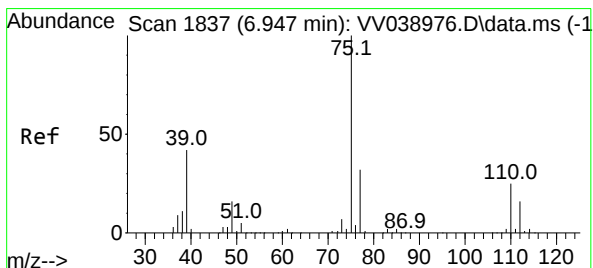
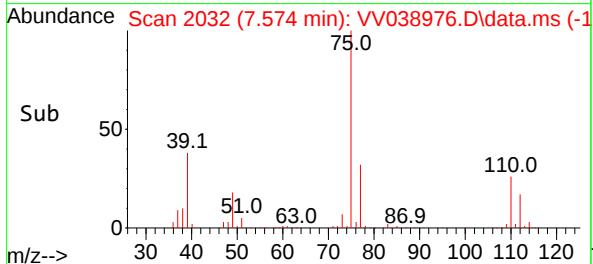
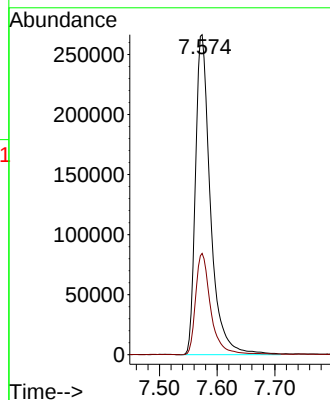
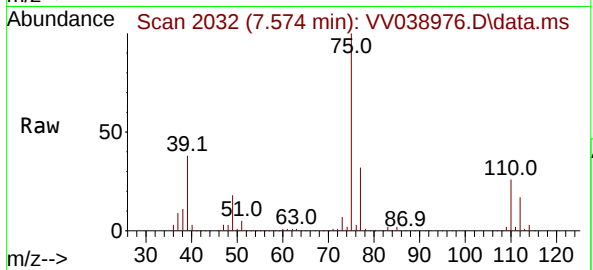
VSTDICCC050

Tgt Ion: 75 Resp: 479897

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.906 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

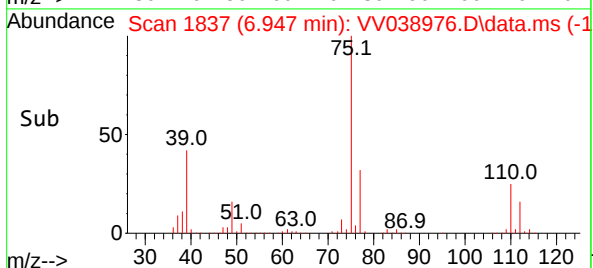
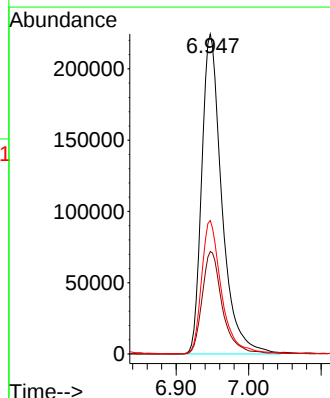
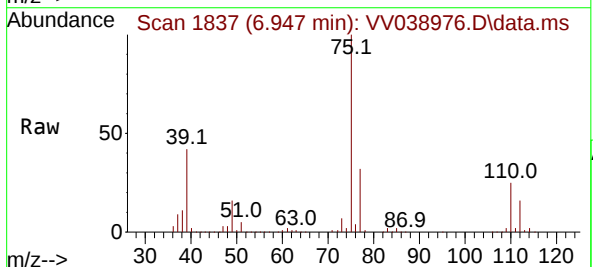
Tgt Ion: 75 Resp: 433052

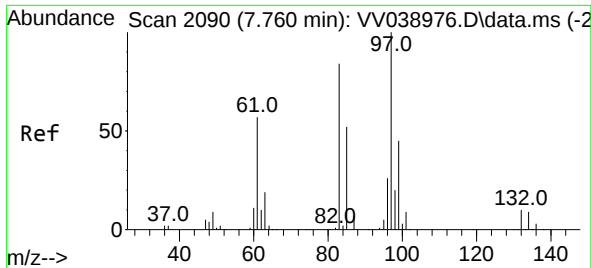
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 41.6 33.3 49.9

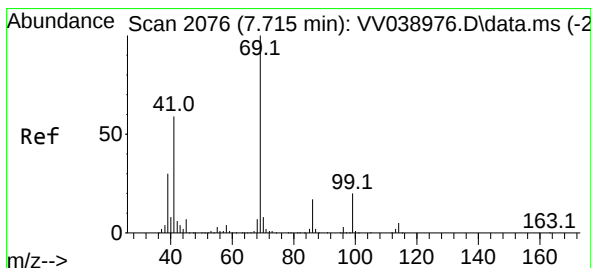
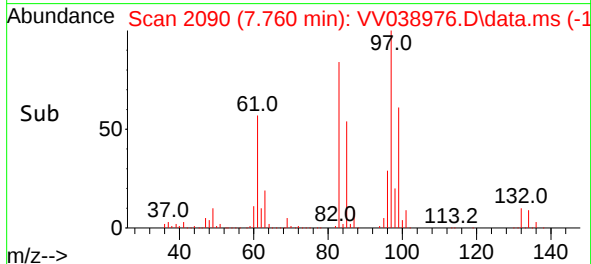
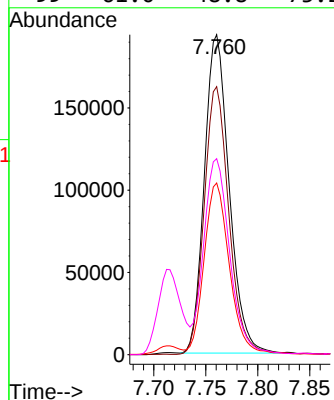
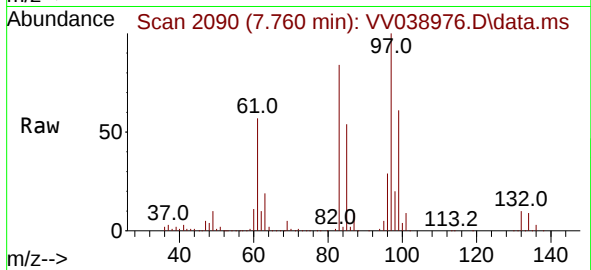




#55
1,1,2-Trichloroethane
Concen: 55.358 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

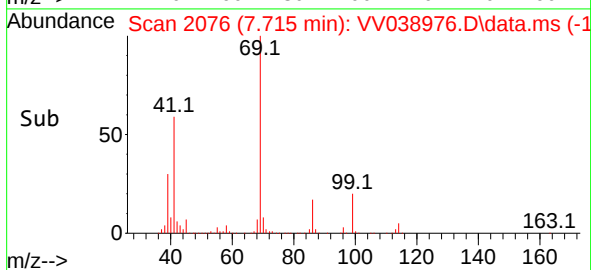
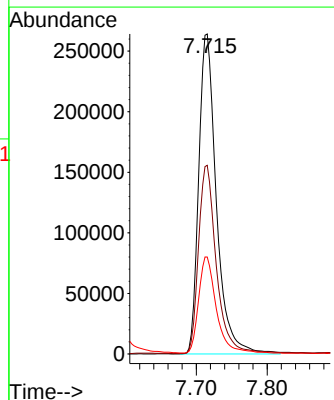
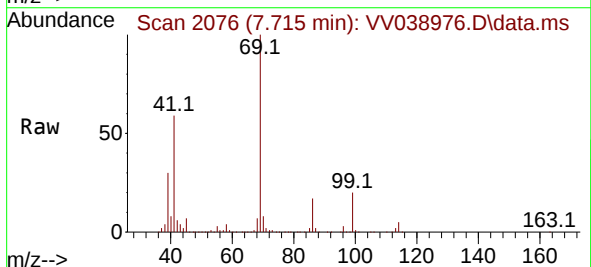
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

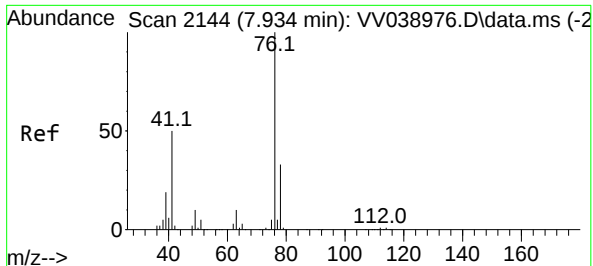
Tgt Ion:	97	Resp:	321494
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	53.4	42.7	64.1
99	61.0	48.8	73.2



#56
Ethyl methacrylate
Concen: 52.314 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:	69	Resp:	457863
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	30.2	24.2	36.2





#57

1,3-Dichloropropane

Concen: 57.609 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

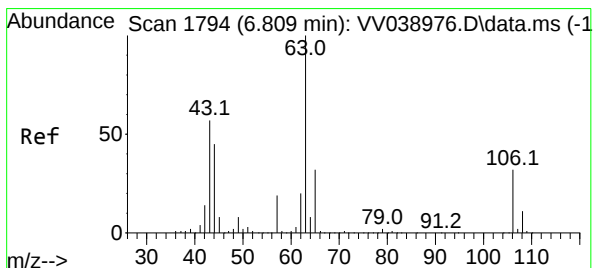
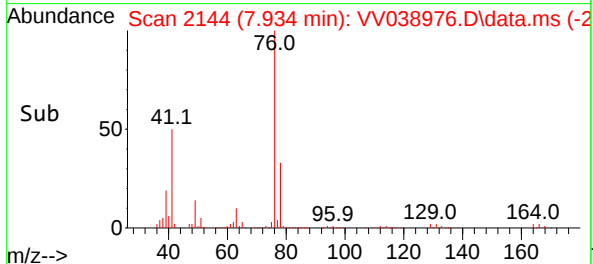
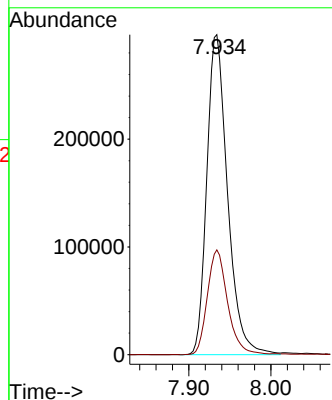
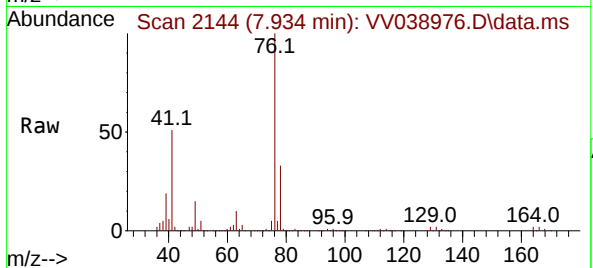
VSTDICCC050

Tgt Ion: 76 Resp: 521692

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.422 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038976.D

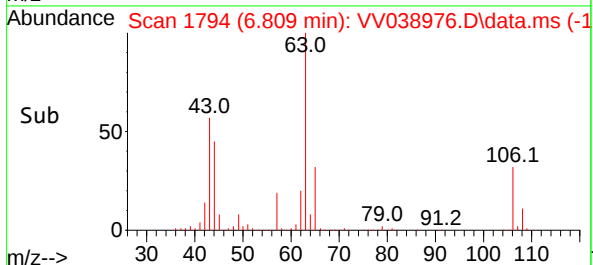
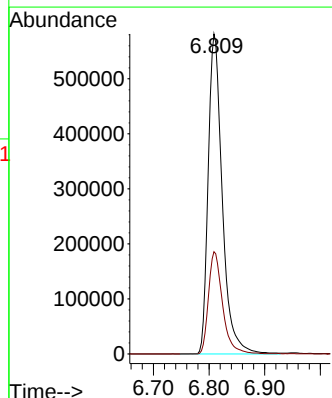
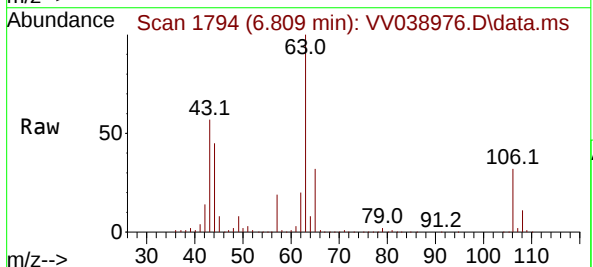
Acq: 21 Aug 2025 10:38

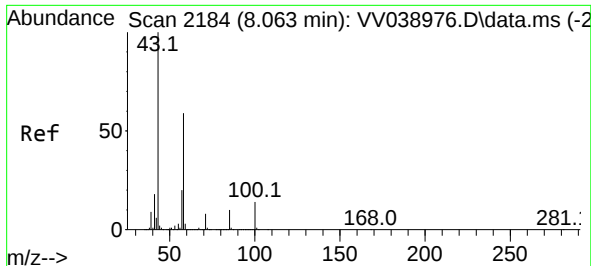
Tgt Ion: 63 Resp: 1020342

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4

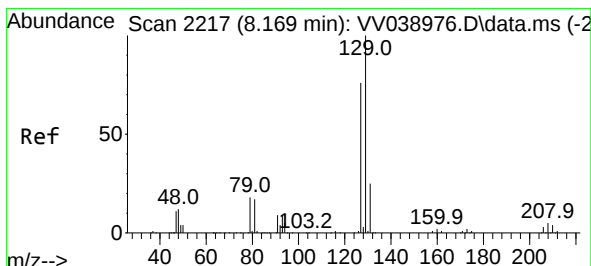
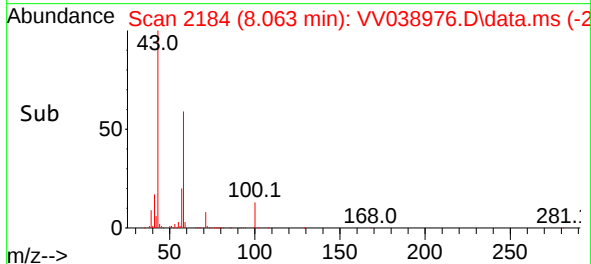
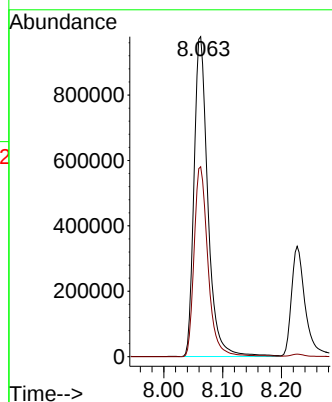
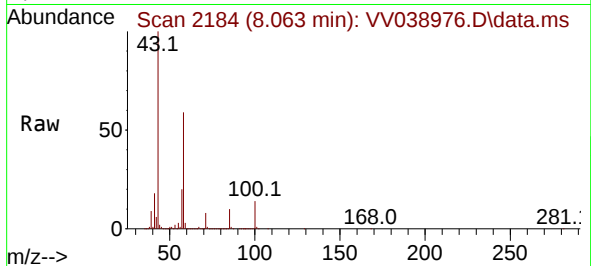




#59
2-Hexanone
Concen: 261.865 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

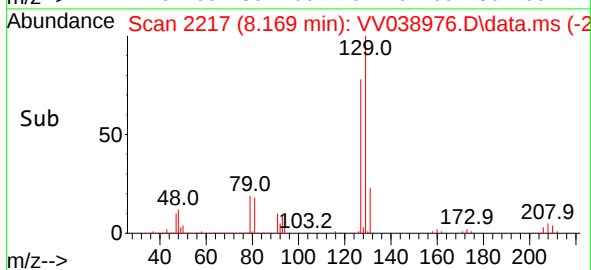
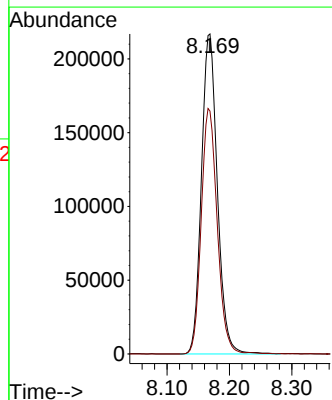
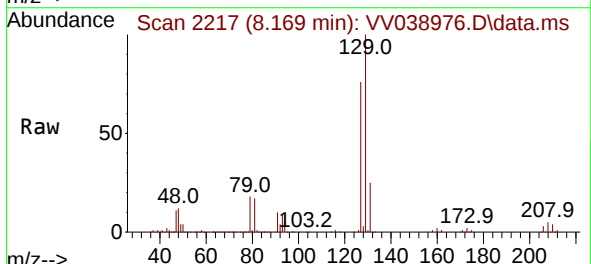
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

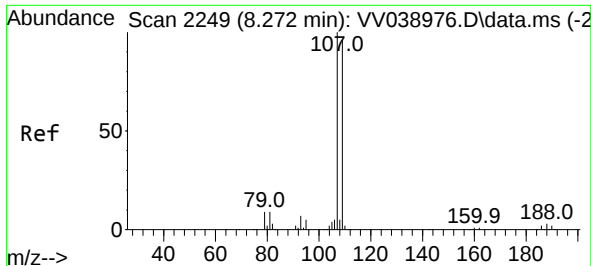
Tgt Ion: 43 Resp: 1602266
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.4



#60
Dibromochloromethane
Concen: 54.943 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:129 Resp: 385284
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

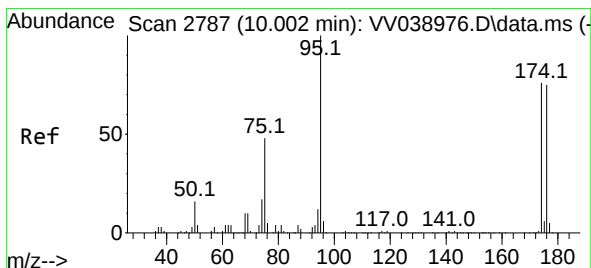
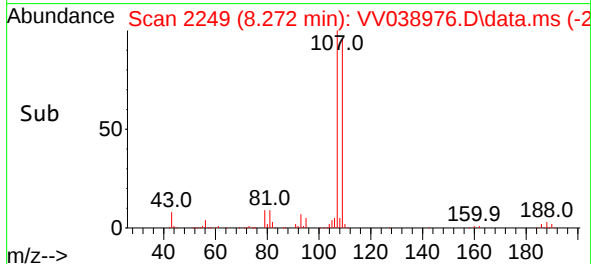
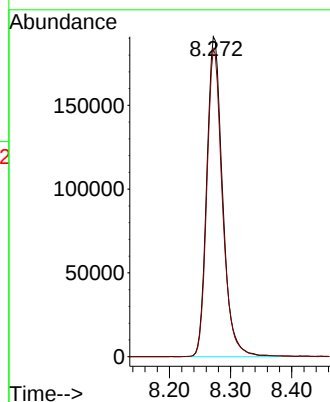
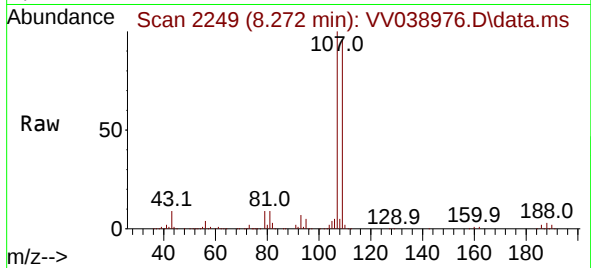




#61
1,2-Dibromoethane
Concen: 57.042 ug/l
RT: 8.272 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

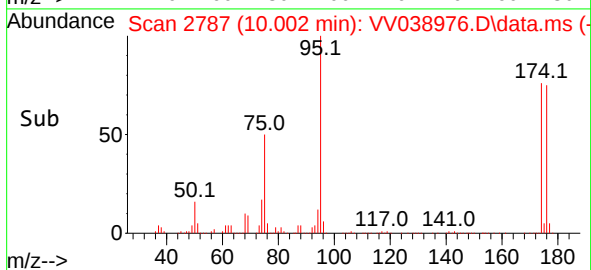
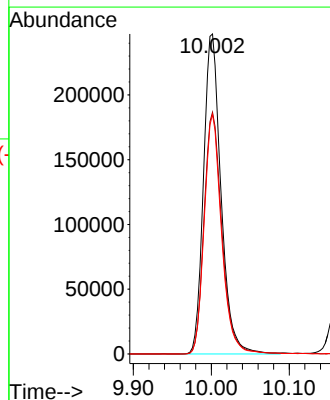
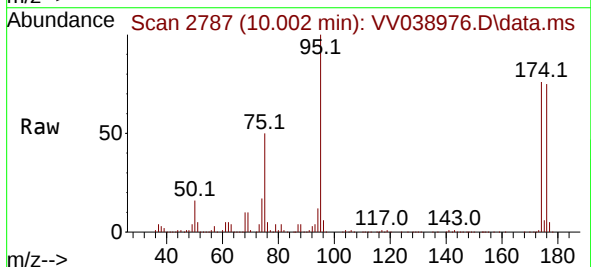
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

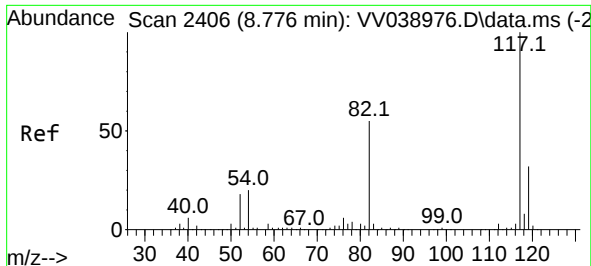
Tgt Ion:107 Resp: 343681
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 58.439 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 95 Resp: 385450
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.4
176 74.3 0.0 148.6

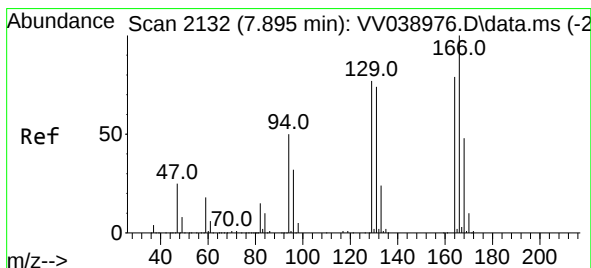
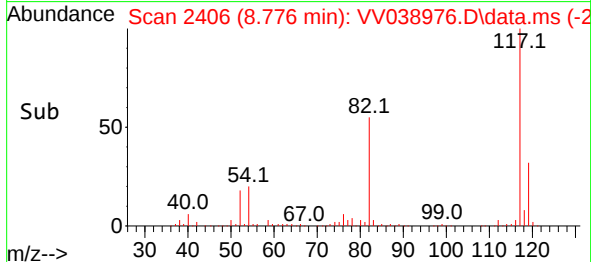
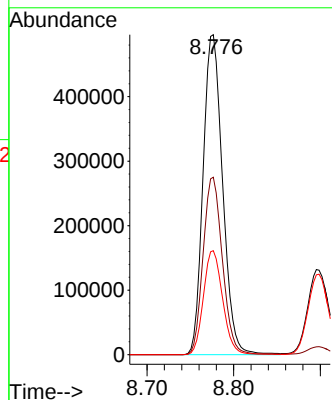
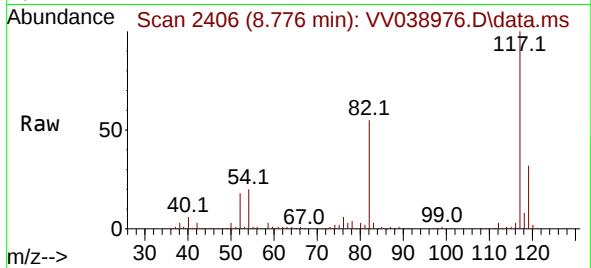




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

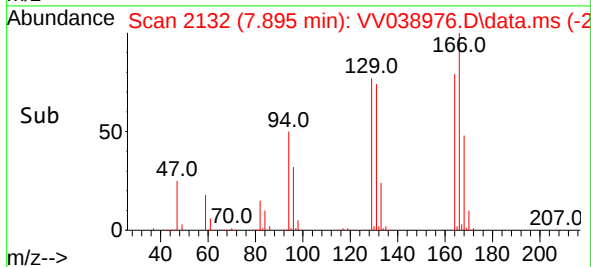
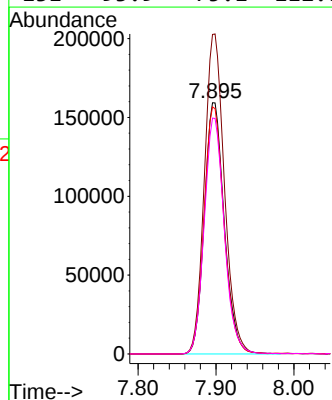
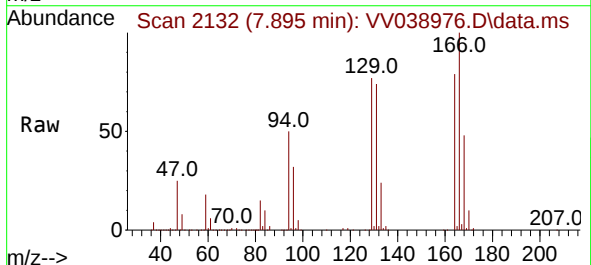
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

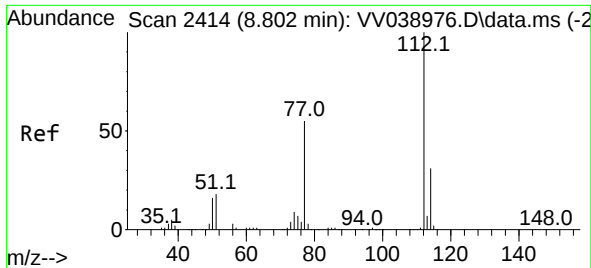
Tgt Ion:117 Resp: 777232
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 48.950 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:164 Resp: 283092
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.6
129 98.4 78.7 118.1
131 93.9 75.1 112.7

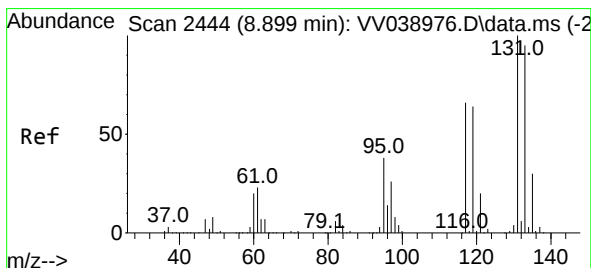
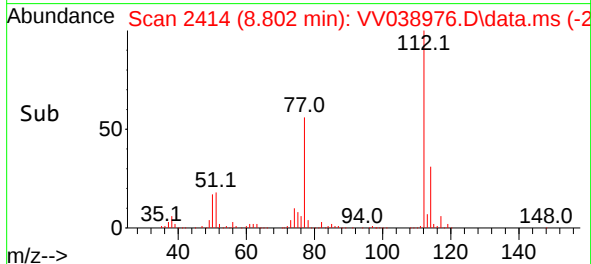
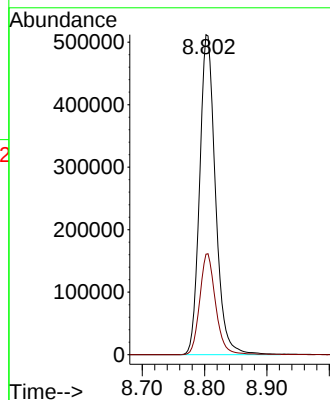
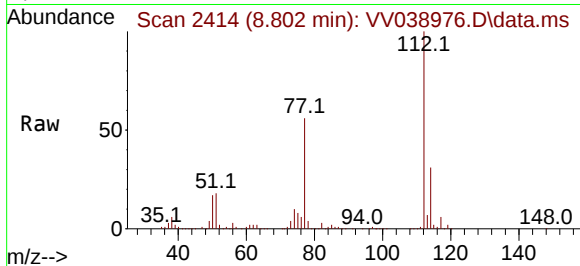




#65
Chlorobenzene
Concen: 48.247 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

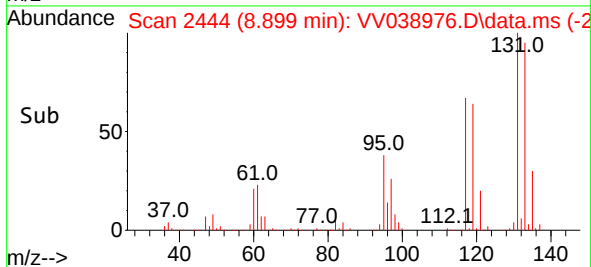
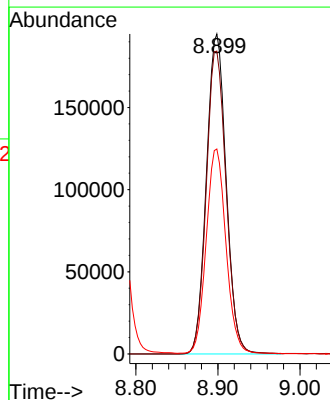
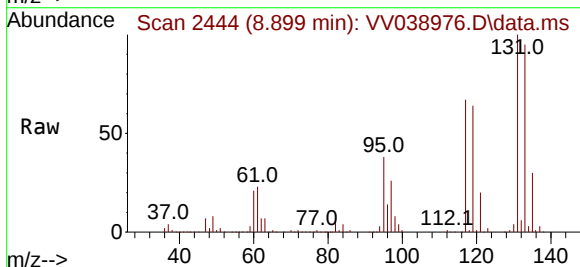
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

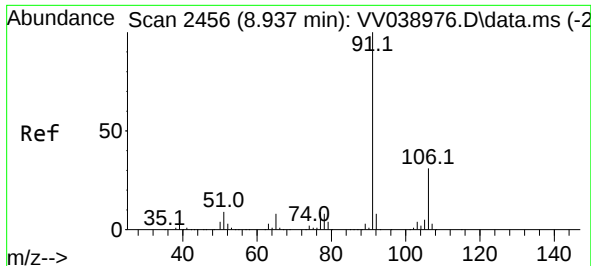
Tgt Ion:112 Resp: 904145
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.520 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:131 Resp: 326401
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.2 32.1 96.3





#67

Ethyl Benzene

Concen: 53.020 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

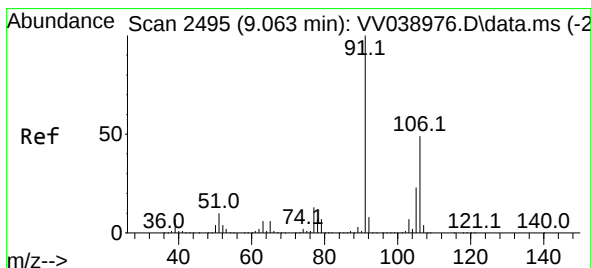
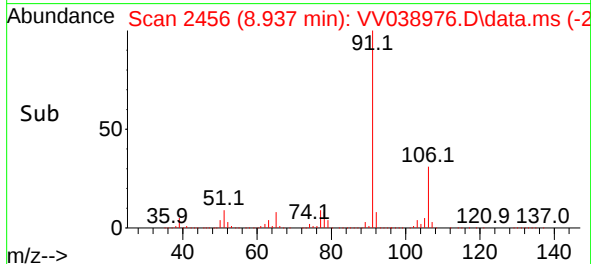
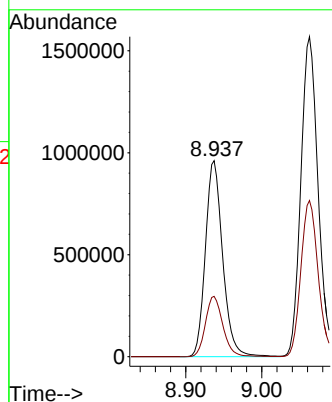
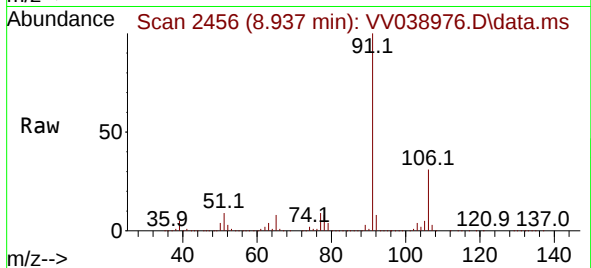
VSTDICCC050

Tgt Ion: 91 Resp: 1516801

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 109.725 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038976.D

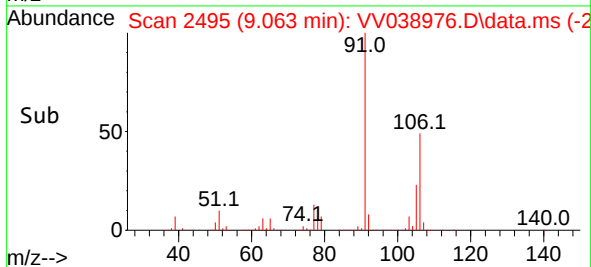
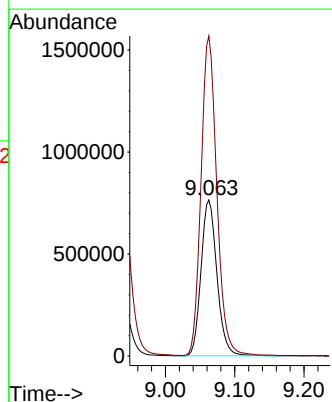
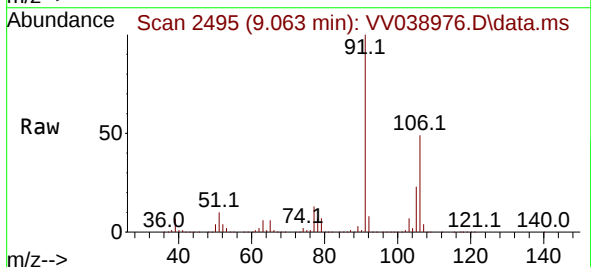
Acq: 21 Aug 2025 10:38

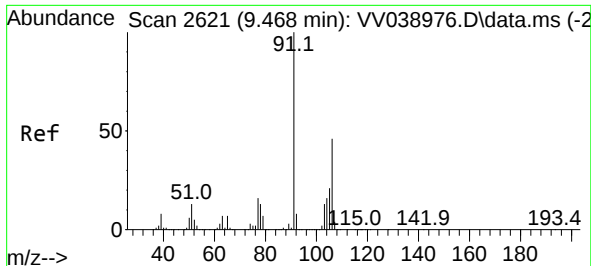
Tgt Ion: 106 Resp: 1219116

Ion Ratio Lower Upper

106 100

91 204.5 163.6 245.4

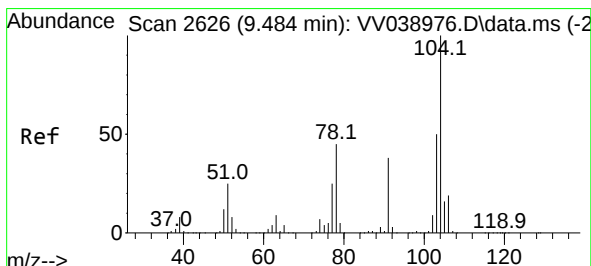
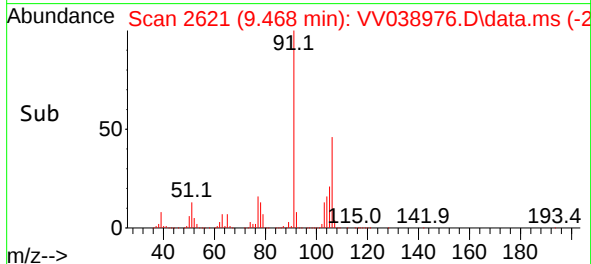
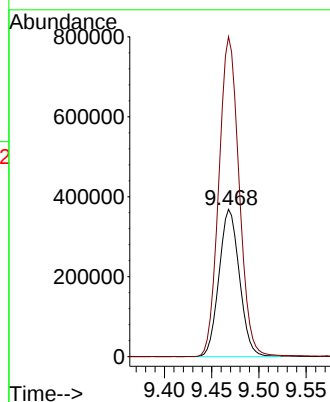
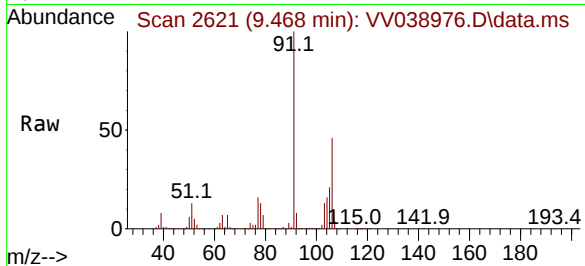




#69
o-Xylene
Concen: 54.666 ug/l
RT: 9.468 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

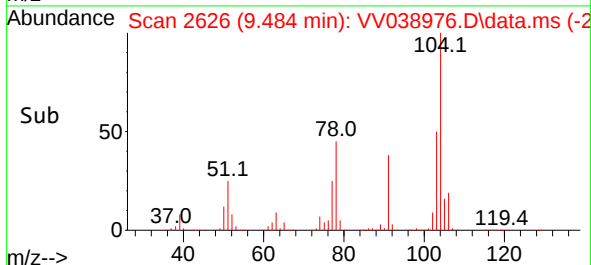
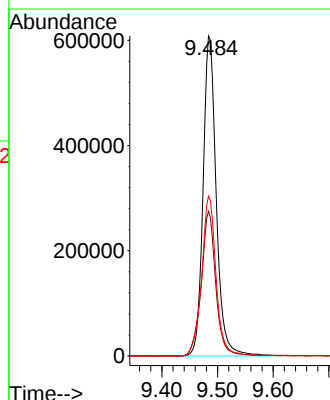
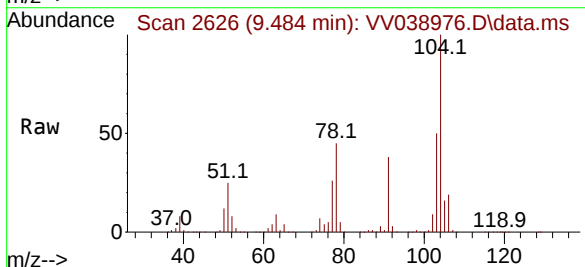
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

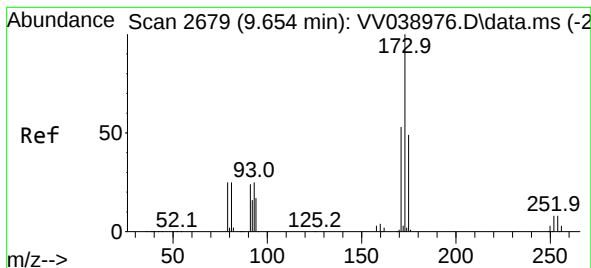
Tgt Ion:106 Resp: 553593
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0



#70
Styrene
Concen: 57.773 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:104 Resp: 1003744
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.4 43.5 65.3





#71

Bromoform

Concen: 48.991 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

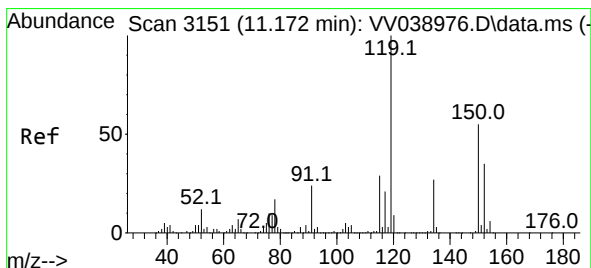
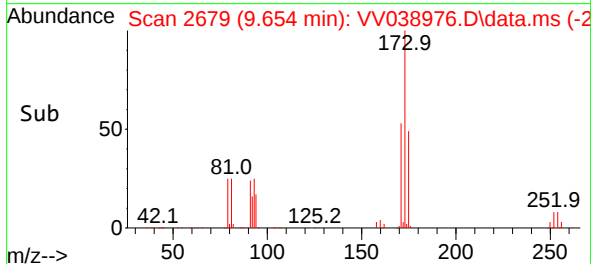
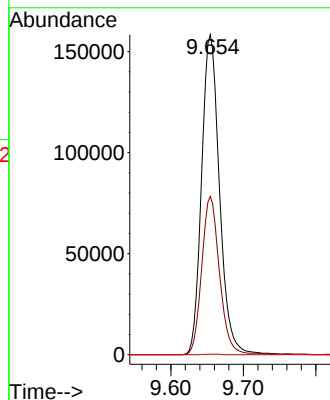
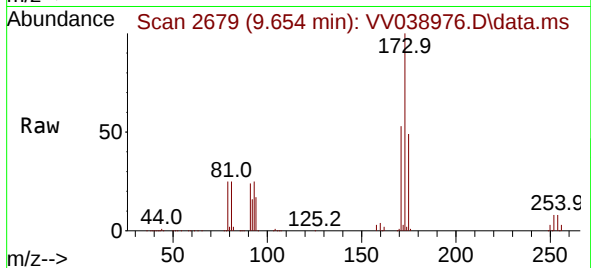
Tgt Ion:173 Resp: 272020

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

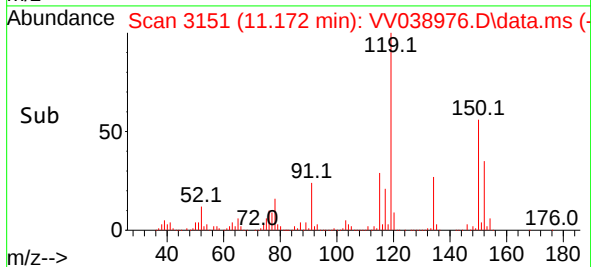
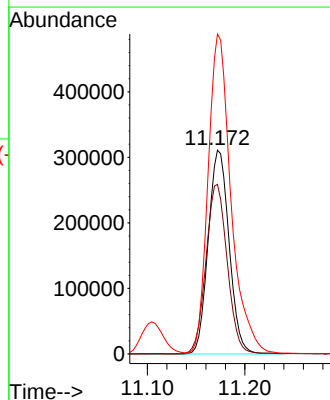
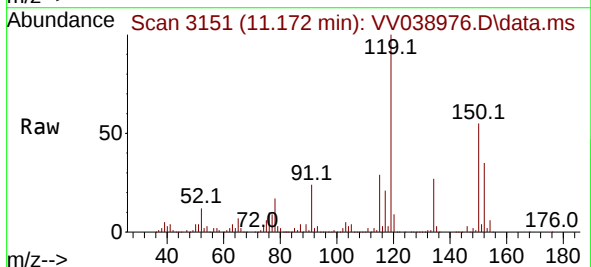
Tgt Ion:152 Resp: 462251

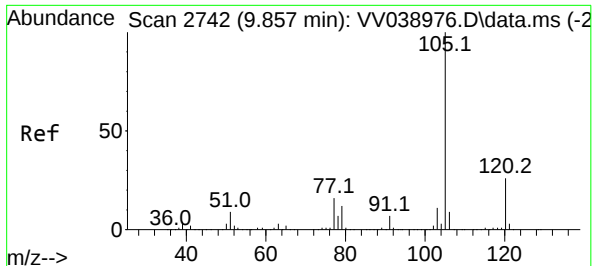
Ion Ratio Lower Upper

152 100

115 85.0 42.5 127.5

150 172.4 0.0 344.8

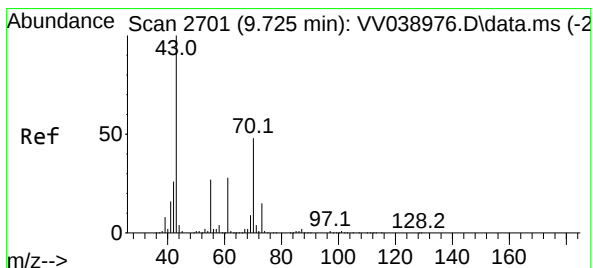
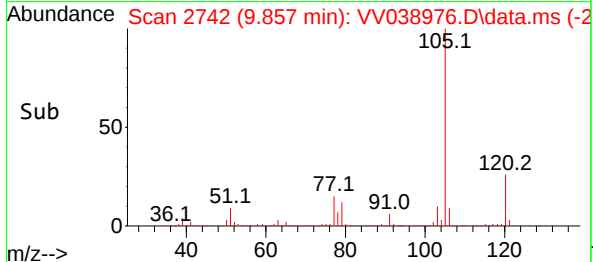
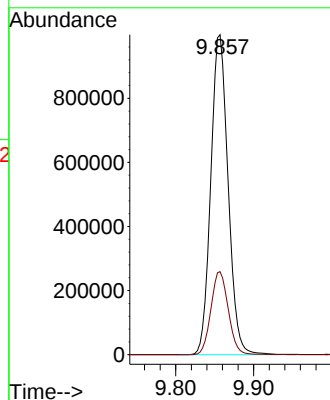
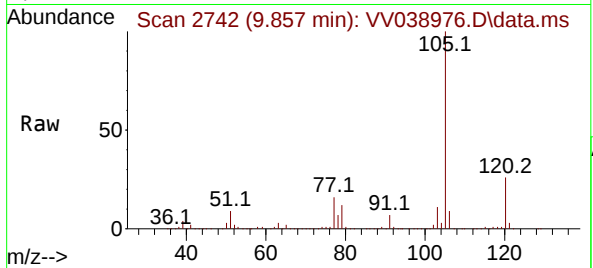




#73
Isopropylbenzene
Concen: 49.565 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

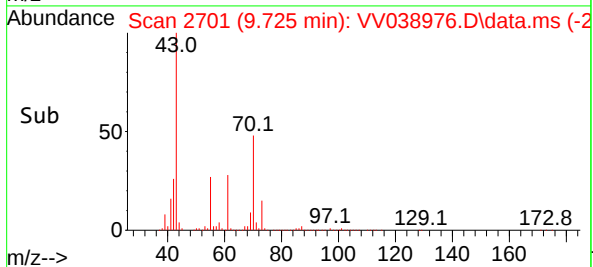
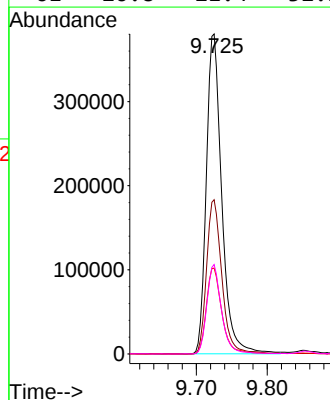
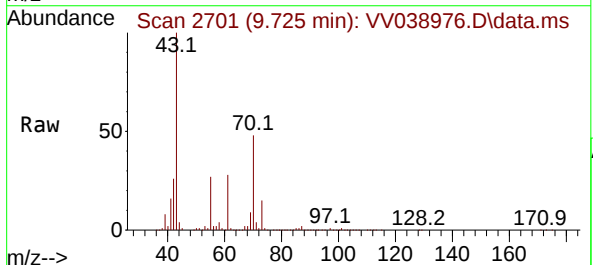
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

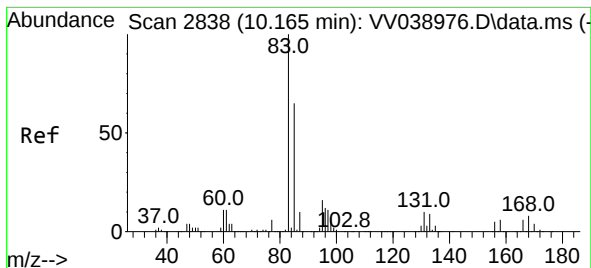
Tgt Ion:105 Resp: 1537427
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 50.981 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 43 Resp: 574314
Ion Ratio Lower Upper
43 100
70 47.9 38.3 57.5
55 27.0 21.6 32.4
61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 41.700 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

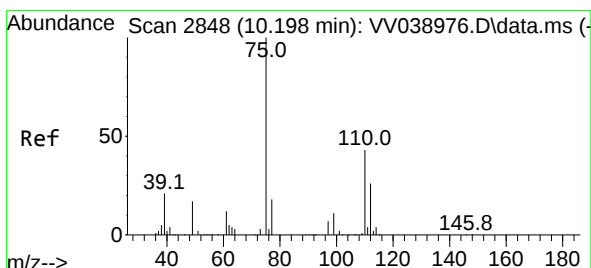
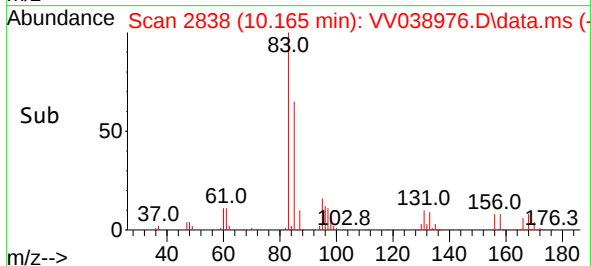
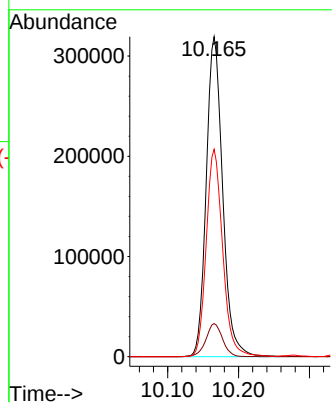
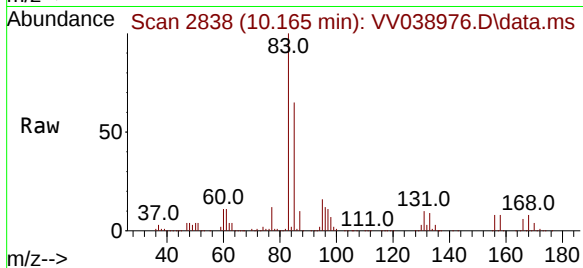
Tgt Ion: 83 Resp: 513697

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 65.0 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 46.216 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038976.D

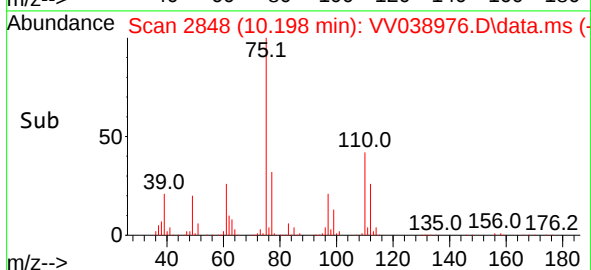
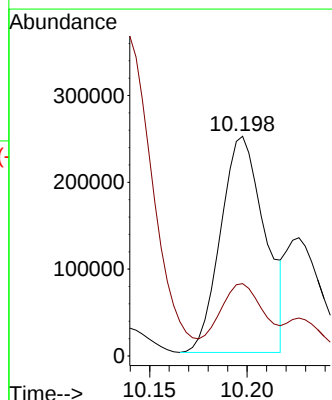
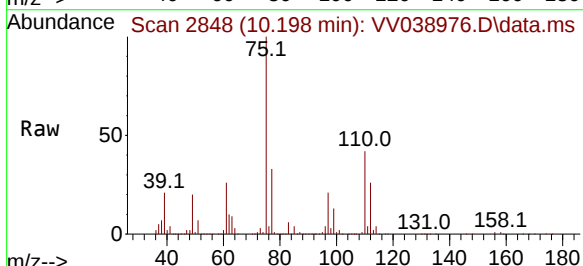
Acq: 21 Aug 2025 10:38

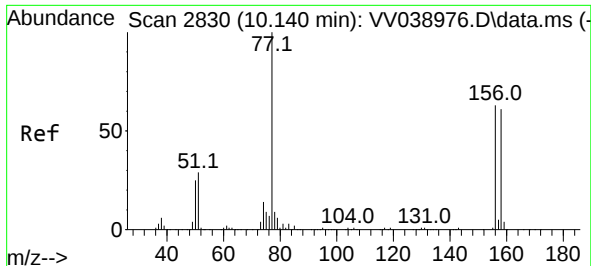
Tgt Ion: 75 Resp: 392863

Ion Ratio Lower Upper

75 100

77 22.5 11.3 33.8

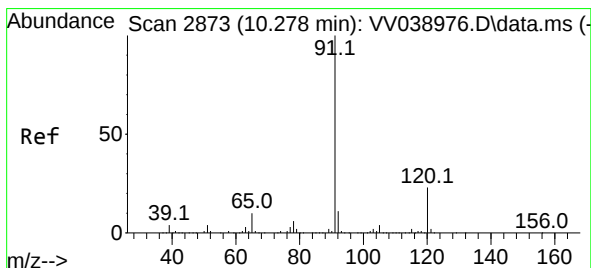
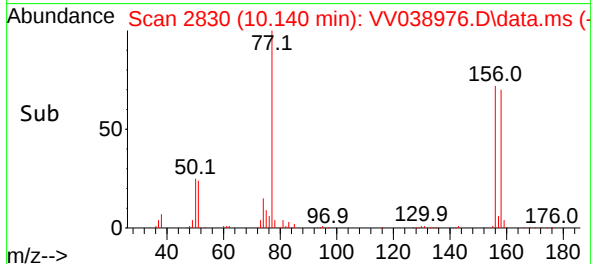
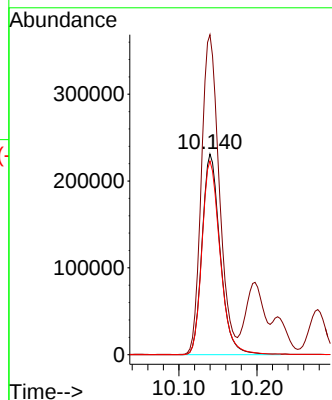
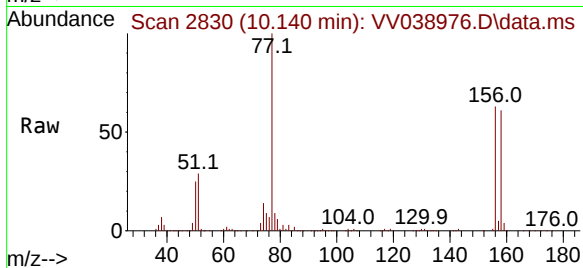




#77
Bromobenzene
Concen: 46.678 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

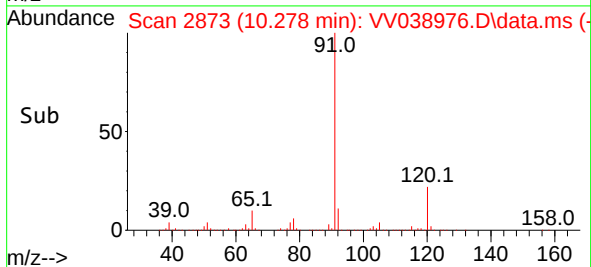
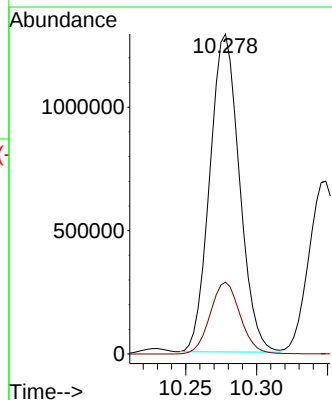
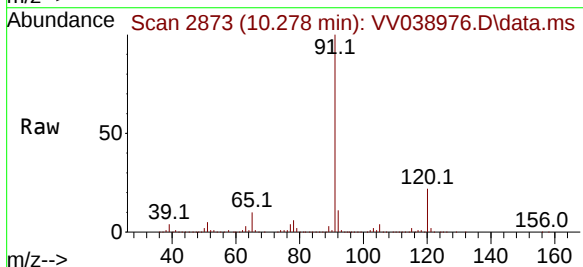
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

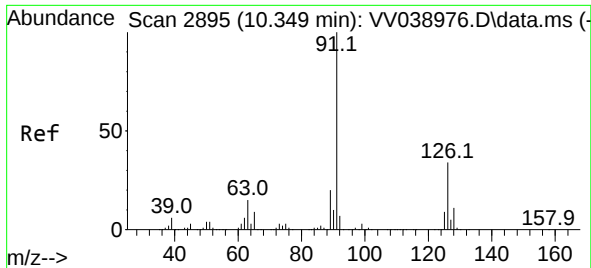
Tgt Ion:156 Resp: 372003
Ion Ratio Lower Upper
156 100
77 158.0 79.0 237.0
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 50.675 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 91 Resp: 1876732
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

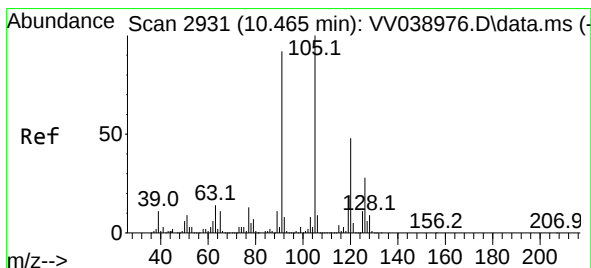
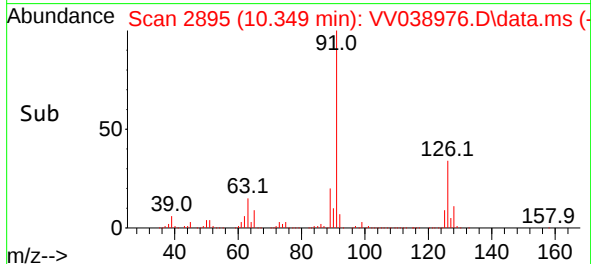
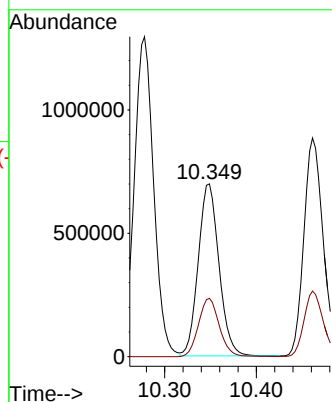
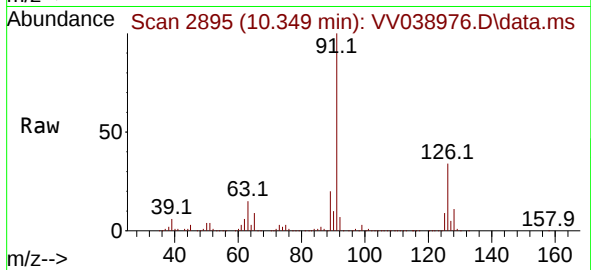




#79
2-Chlorotoluene
Concen: 48.097 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

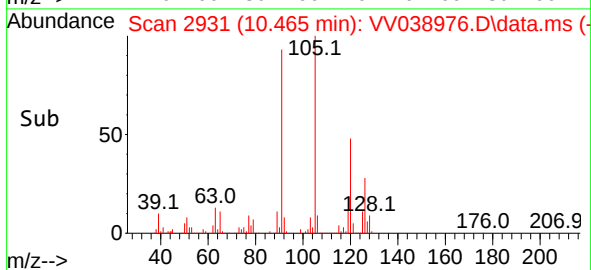
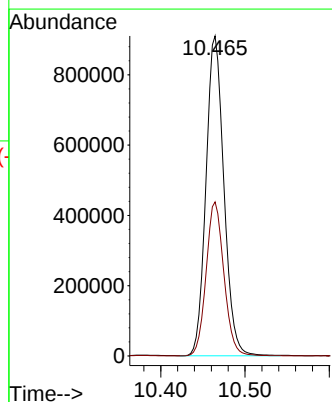
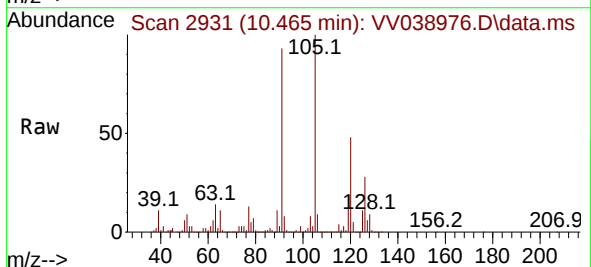
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

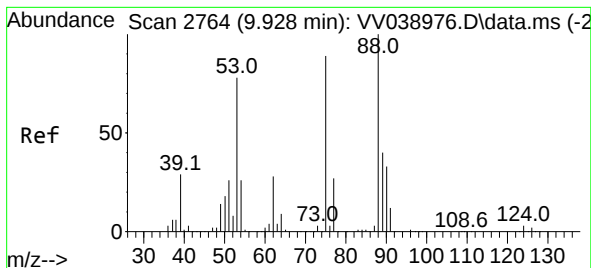
Tgt Ion: 91 Resp: 1093250
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 51.653 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:105 Resp: 1348347
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

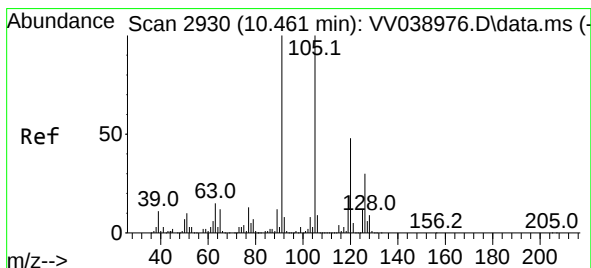
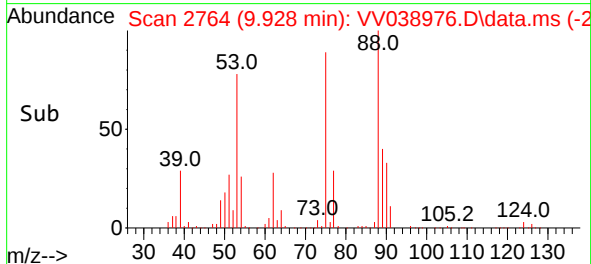
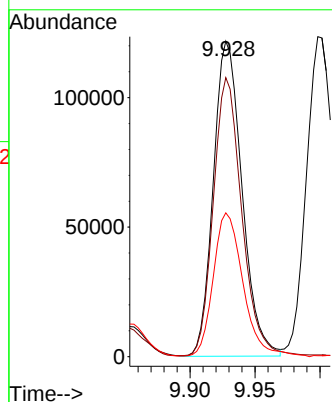
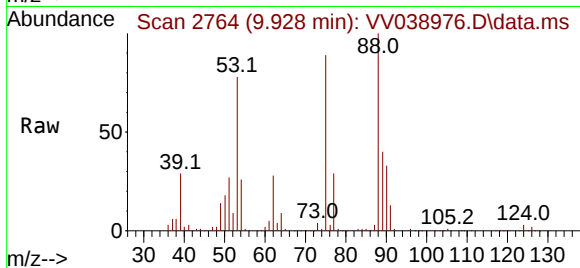




#81
trans-1,4-Dichloro-2-butene
Concen: 49.978 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

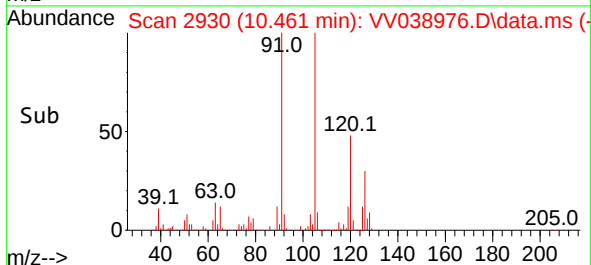
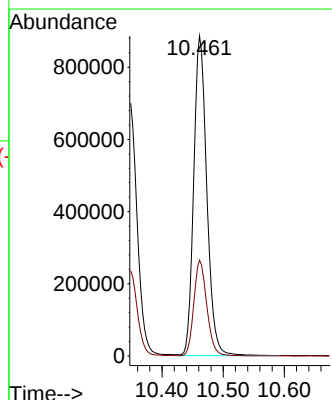
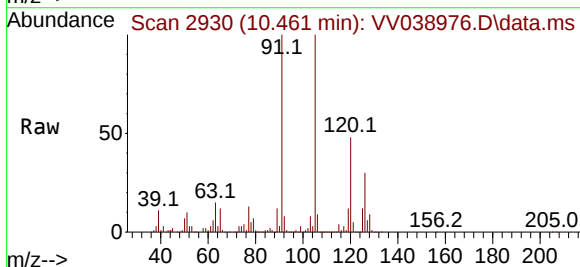
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

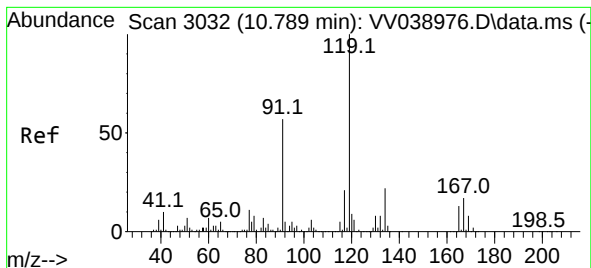
Tgt Ion: 75 Resp: 186646
Ion Ratio Lower Upper
75 100
53 87.9 70.3 105.5
89 47.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.348 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 91 Resp: 1315962
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 50.387 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

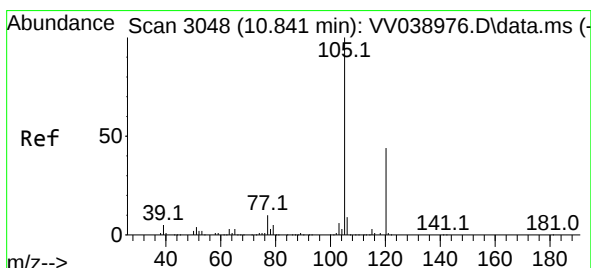
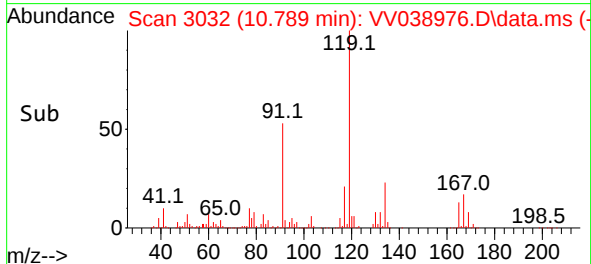
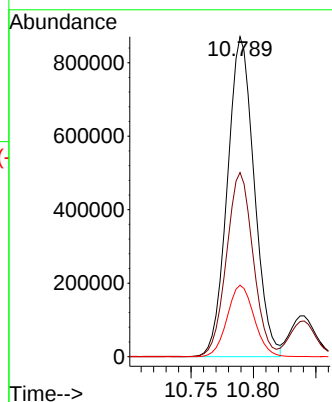
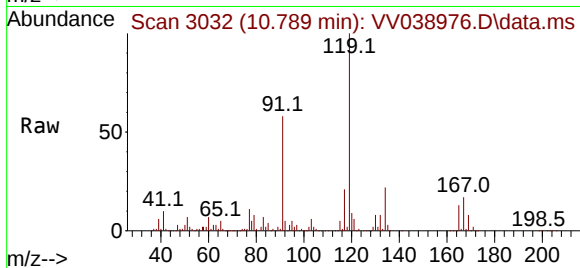
Tgt Ion:119 Resp: 1306028

Ion Ratio Lower Upper

119 100

91 56.9 28.4 85.3

134 22.4 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 53.256 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038976.D

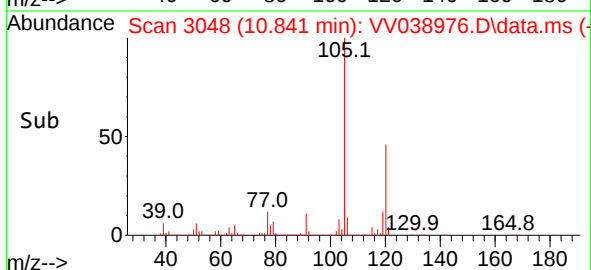
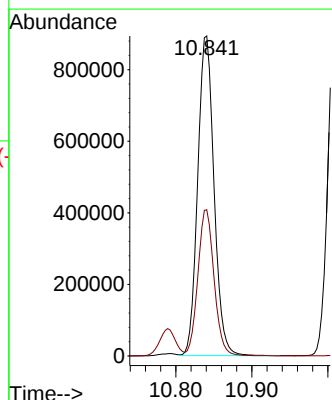
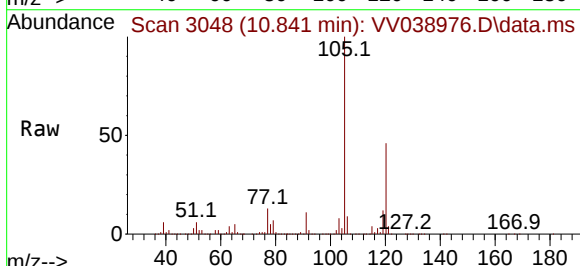
Acq: 21 Aug 2025 10:38

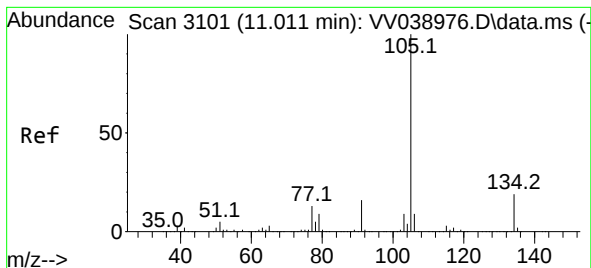
Tgt Ion:105 Resp: 1330375

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 51.018 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

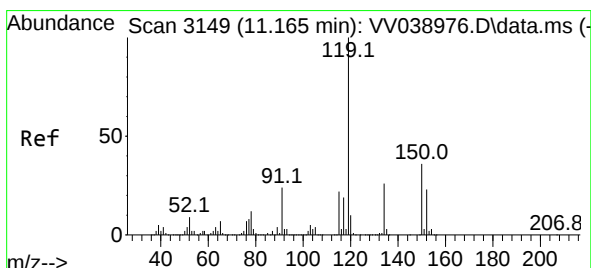
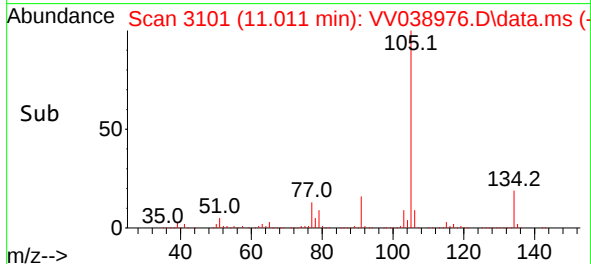
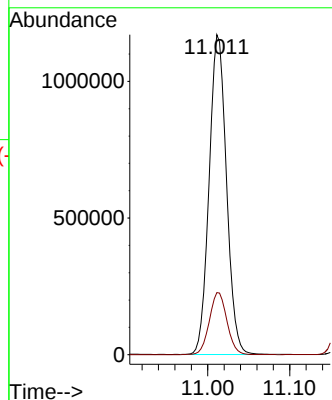
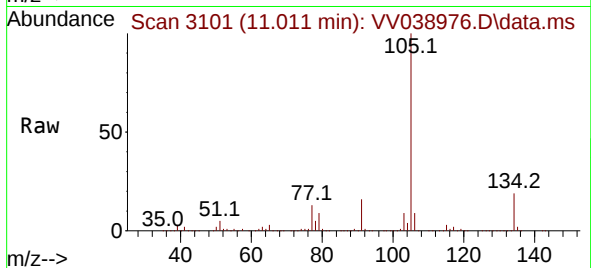
VSTDICCC050

Tgt Ion:105 Resp: 1719793

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.622 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

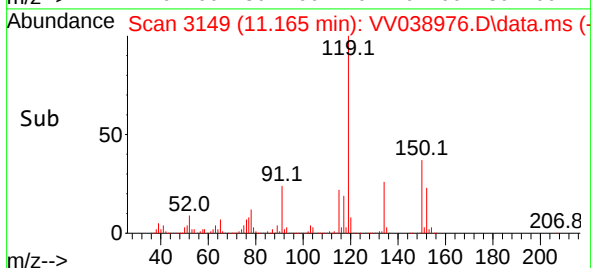
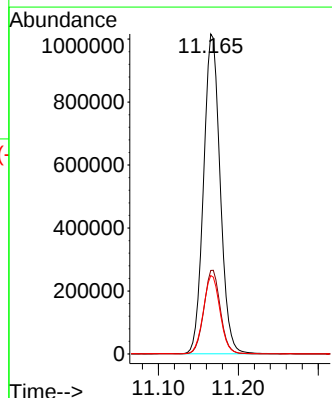
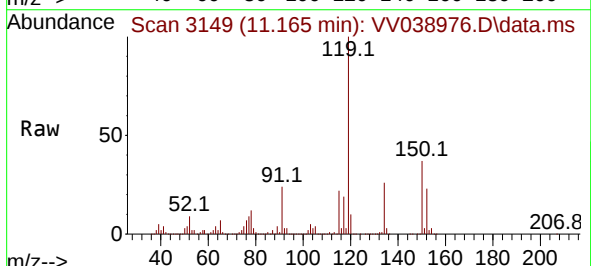
Tgt Ion:119 Resp: 1465463

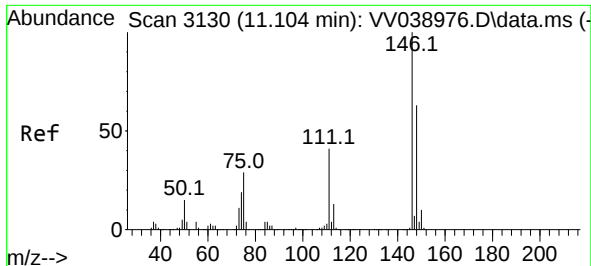
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 47.672 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

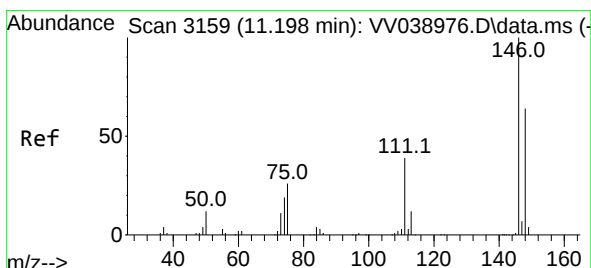
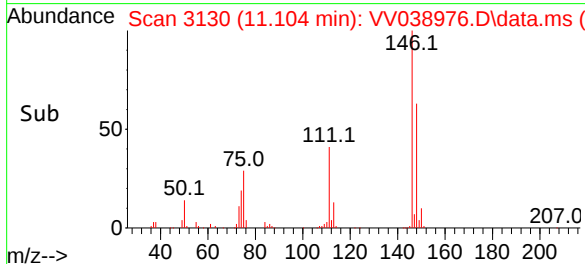
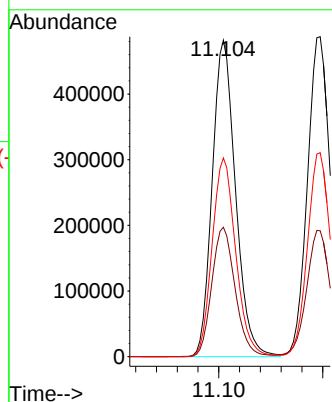
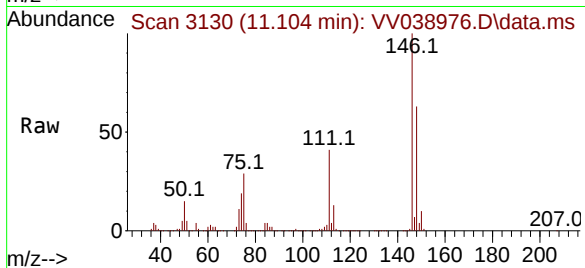
Tgt Ion:146 Resp: 750209

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.864 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

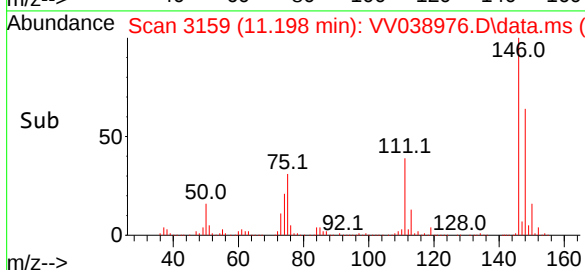
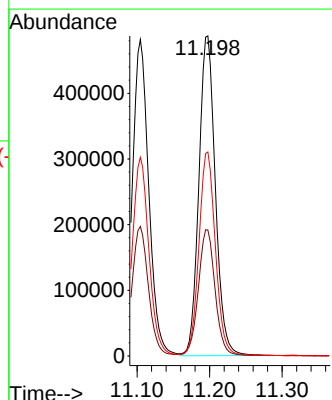
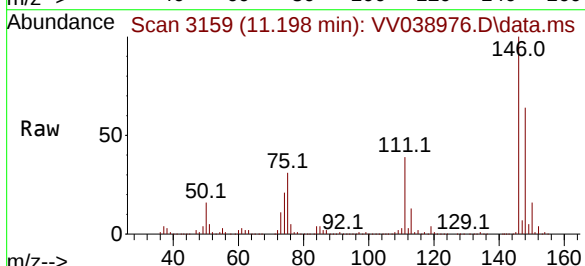
Tgt Ion:146 Resp: 769904

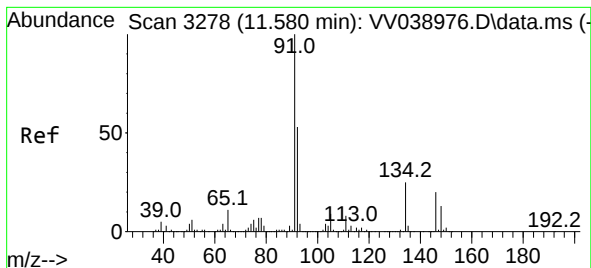
Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 50.830 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038976.D

Acq: 21 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

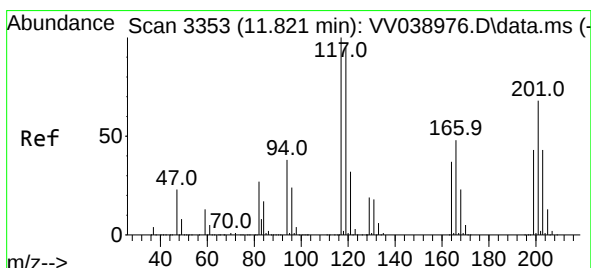
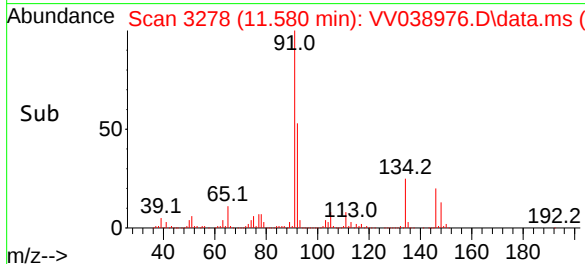
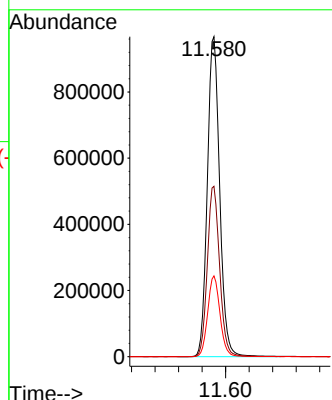
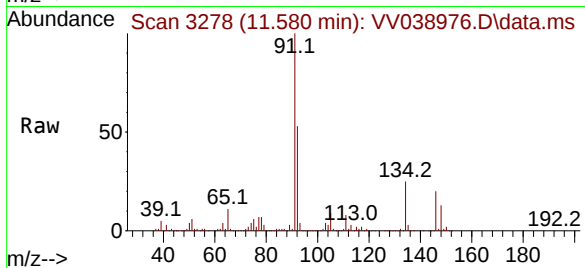
Tgt Ion: 91 Resp: 1405846

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 43.709 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038976.D

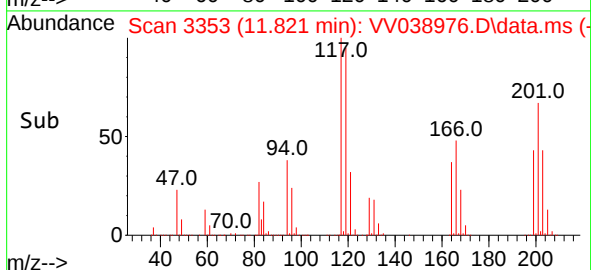
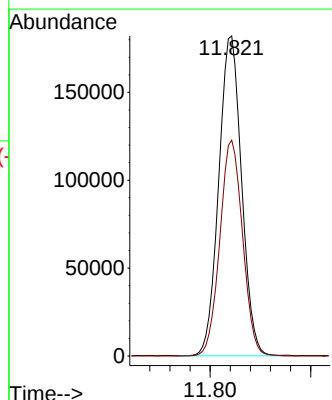
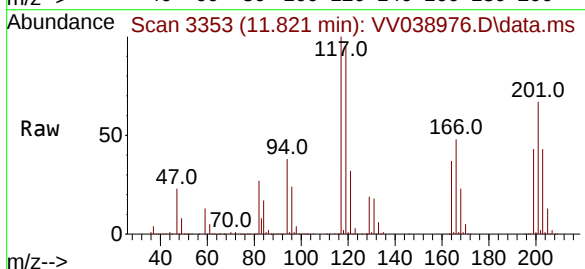
Acq: 21 Aug 2025 10:38

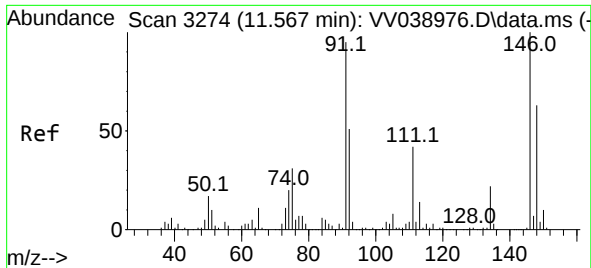
Tgt Ion: 117 Resp: 286765

Ion Ratio Lower Upper

117 100

201 67.3 33.7 101.0

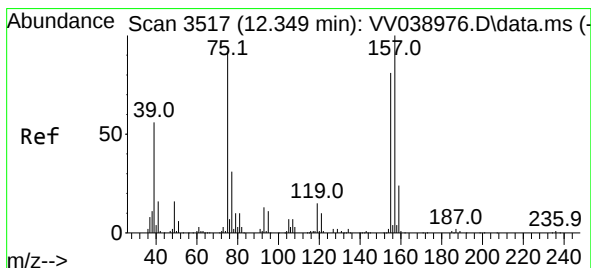
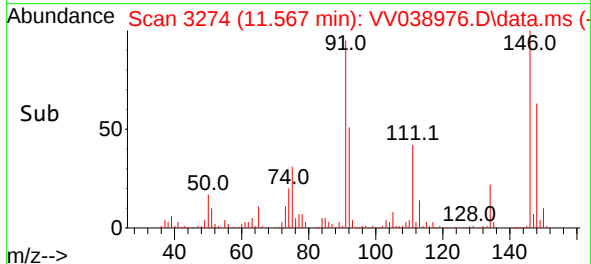
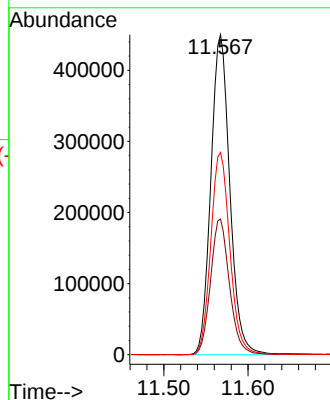
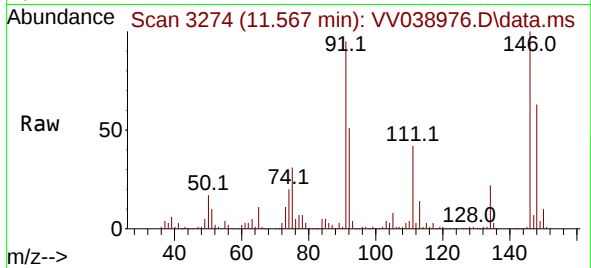




#91
1,2-Dichlorobenzene
Concen: 46.842 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

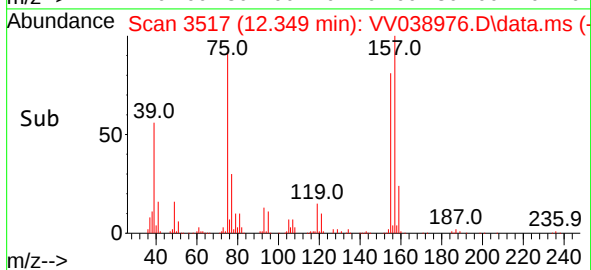
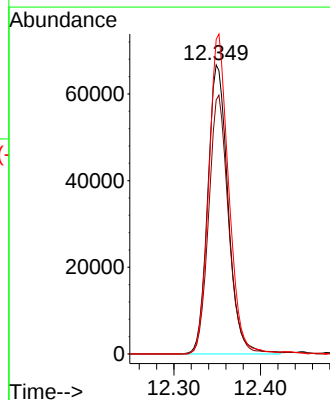
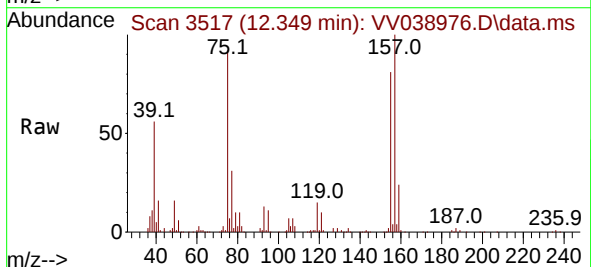
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

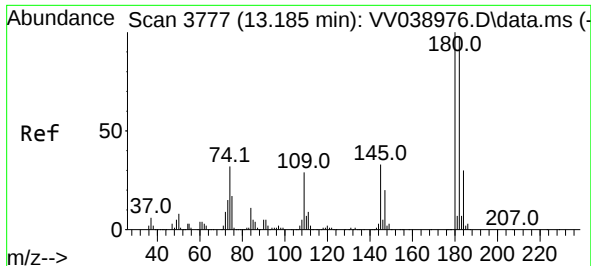
Tgt Ion:146 Resp: 702885
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.4
148 63.8 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.437 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion: 75 Resp: 108861
Ion Ratio Lower Upper
75 100
155 87.4 43.7 131.1
157 108.2 54.1 162.3

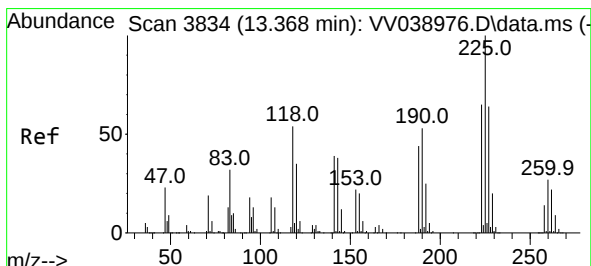
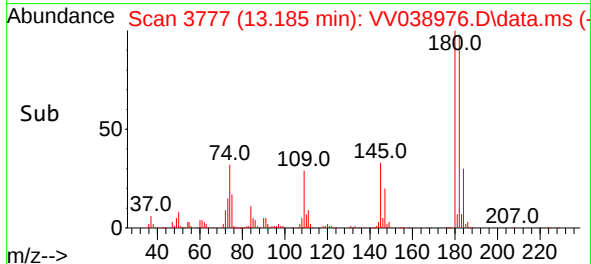
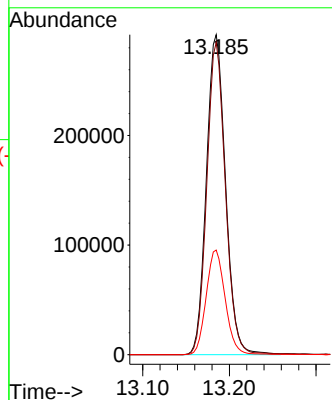
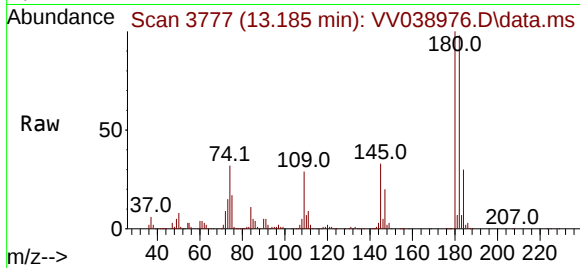




#93
1,2,4-Trichlorobenzene
Concen: 50.230 ug/l
RT: 13.185 min Scan# 3777
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

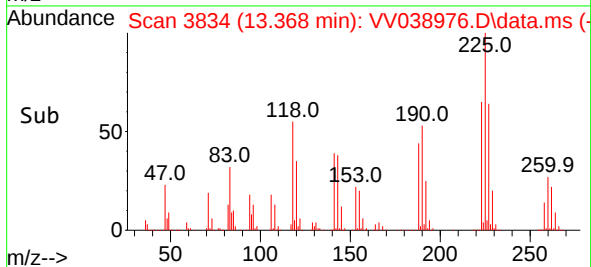
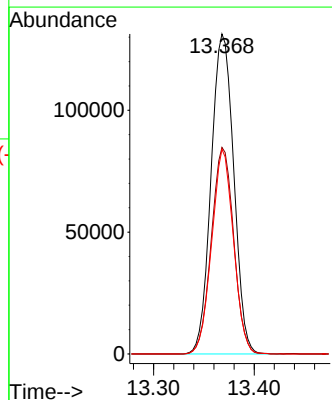
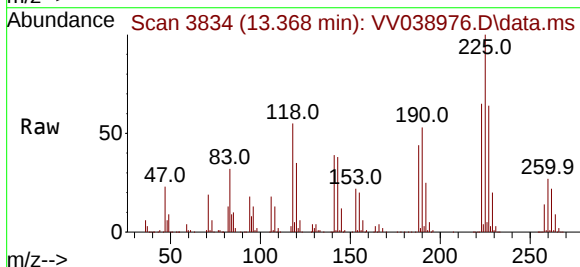
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

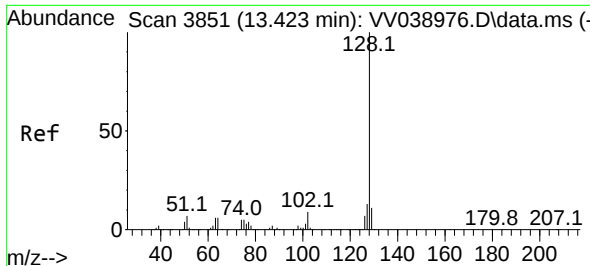
Tgt Ion:180 Resp: 449787
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 32.5 16.3 48.8



#94
Hexachlorobutadiene
Concen: 44.484 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:225 Resp: 205348
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 61.5 30.8 92.3

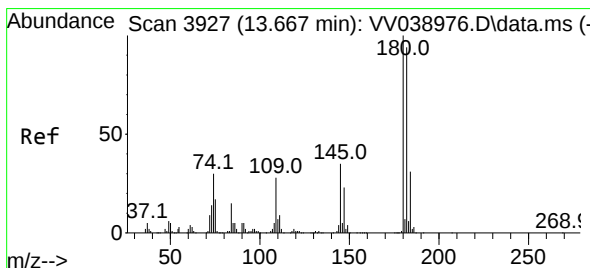
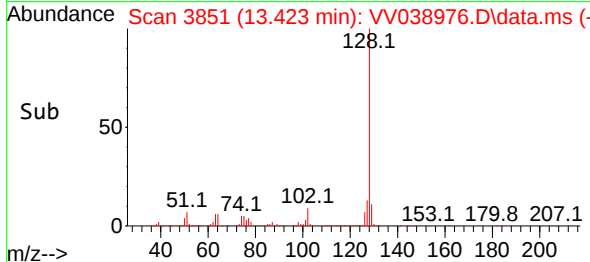
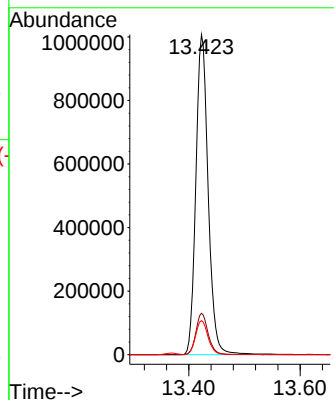
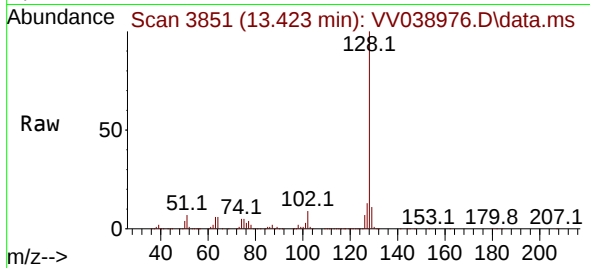




#95
Naphthalene
Concen: 54.640 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1544007
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.349 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038976.D
Acq: 21 Aug 2025 10:38

Tgt Ion:180 Resp: 454605
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 34.7 17.3 52.0

