

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039019.D
 Acq On : 22 Aug 2025 15:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 02:25:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	622299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1101087	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1023175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	529580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	478494	54.798	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.600%	
35) Dibromofluoromethane	4.500	113	393384	47.639	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 95.280%	
50) Toluene-d8	7.236	98	1414883	49.137	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	10.001	95	537167	50.995	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	364535	39.186	ug/l	97
3) Chloromethane	1.227	50	372390	38.754	ug/l	100
4) Vinyl Chloride	1.294	62	454095	44.787	ug/l	97
5) Bromomethane	1.494	94	186649	34.063	ug/l	98
6) Chloroethane	1.558	64	276497	53.517	ug/l	98
7) Trichlorofluoromethane	1.725	101	656873	47.292	ug/l	99
8) Diethyl Ether	1.915	74	257564	60.300	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.079	101	397345	51.826	ug/l	93
10) Methyl Iodide	2.195	142	267952	28.091	ug/l	96
11) Tert butyl alcohol	2.561	59	400044	338.492	ug/l	100
12) 1,1-Dichloroethene	2.079	96	381563	54.025	ug/l	91
13) Acrolein	2.008	56	119487	316.932	ug/l	93
14) Allyl chloride	2.359	41	673121	71.382	ug/l #	89
15) Acrylonitrile	2.671	53	1222873	342.382	ug/l	100
16) Acetone	2.118	43	1049899	299.576	ug/l	99
17) Carbon Disulfide	2.253	76	1090159	55.496	ug/l	99
18) Methyl Acetate	2.378	43	550205	74.069	ug/l	91
19) Methyl tert-butyl Ether	2.709	73	1321330	63.271	ug/l	94
20) Methylene Chloride	2.455	84	435828	53.513	ug/l #	87
21) trans-1,2-Dichloroethene	2.703	96	412230	56.039	ug/l	92
22) Diisopropyl ether	3.211	45	1401897	67.711	ug/l	96
23) Vinyl Acetate	3.185	43	5889232	354.504	ug/l #	93
24) 1,1-Dichloroethane	3.117	63	771227	56.235	ug/l	96
25) 2-Butanone	3.857	43	1586699	347.969	ug/l	96
26) 2,2-Dichloropropane	3.812	77	653969	49.708	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	487562	54.914	ug/l	92
28) Bromochloromethane	4.146	49	201488	66.880	ug/l #	73
29) Tetrahydrofuran	4.230	42	1069844	351.474	ug/l	86
30) Chloroform	4.278	83	789081	50.349	ug/l	99
31) Cyclohexane	4.584	56	698035	57.046	ug/l	90
32) 1,1,1-Trichloroethane	4.513	97	693527	47.101	ug/l	97
36) 1,1-Dichloropropene	4.748	75	537828	50.152	ug/l	96
37) Ethyl Acetate	3.970	43	629743	60.104	ug/l #	95
38) Carbon Tetrachloride	4.735	117	580295	40.408	ug/l	99
39) Methylcyclohexane	6.047	83	725896	52.975	ug/l	94
40) Benzene	5.008	78	1692032	50.376	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039019.D
 Acq On : 22 Aug 2025 15:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 02:25:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	280398	71.020	ug/l	90
42) 1,2-Dichloroethane	5.040	62	566114	46.103	ug/l	99
43) Isopropyl Acetate	5.188	43	999921	62.546	ug/l #	93
44) Trichloroethene	5.831	130	406012	44.564	ug/l	92
45) 1,2-Dichloropropane	6.088	63	437205	54.275	ug/l	99
46) Dibromomethane	6.223	93	313094	46.321	ug/l	91
47) Bromodichloromethane	6.426	83	636626	46.279	ug/l	98
48) Methyl methacrylate	6.294	41	464599	64.830	ug/l	88
49) 1,4-Dioxane	6.288	88	128546	1072.759	ug/l	93
51) 4-Methyl-2-Pentanone	7.146	43	3285963	313.037	ug/l	96
52) Toluene	7.307	92	1065291	50.079	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	651036	50.626	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	704530	52.876	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	419216	45.199	ug/l	97
56) Ethyl methacrylate	7.712	69	666790	47.584	ug/l	93
57) 1,3-Dichloropropane	7.934	76	708694	49.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1812877	275.775	ug/l	91
59) 2-Hexanone	8.063	43	2434601	247.558	ug/l	97
60) Dibromochloromethane	8.169	129	473668	42.295	ug/l	99
61) 1,2-Dibromoethane	8.272	107	447083	46.463	ug/l	100
64) Tetrachloroethene	7.895	164	332157	43.628	ug/l	98
65) Chlorobenzene	8.805	112	1139706	46.199	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	395956	44.711	ug/l	98
67) Ethyl Benzene	8.937	91	2031046	53.930	ug/l	100
68) m/p-Xylenes	9.063	106	1555690	106.362	ug/l	100
69) o-Xylene	9.468	106	735998	55.208	ug/l	99
70) Styrene	9.484	104	1280329	55.979	ug/l	99
71) Bromoform	9.654	173	321141	44.013	ug/l #	97
73) Isopropylbenzene	9.857	105	1981410	55.757	ug/l	100
74) N-amyl acetate	9.722	43	889655	68.332	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	692102	49.040	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	533227	54.283	ug/l	100
77) Bromobenzene	10.140	156	452926	49.607	ug/l	94
78) n-propylbenzene	10.278	91	2383469	56.176	ug/l	98
79) 2-Chlorotoluene	10.349	91	1394911	54.757	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	1650430	55.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	239404	55.955	ug/l	97
82) 4-Chlorotoluene	10.461	91	1634475	55.667	ug/l	98
83) tert-Butylbenzene	10.789	119	1626476	54.772	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1628413	56.900	ug/l	99
85) sec-Butylbenzene	11.011	105	2158168	55.883	ug/l	99
86) p-Isopropyltoluene	11.165	119	1769363	54.403	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	885119	49.094	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	895882	46.584	ug/l	100
89) n-Butylbenzene	11.580	91	1750686	55.251	ug/l	99
90) Hexachloroethane	11.818	117	336160	44.724	ug/l	94
91) 1,2-Dichlorobenzene	11.567	146	845879	49.204	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	145088	52.859	ug/l	91
93) 1,2,4-Trichlorobenzene	13.185	180	528639	51.530	ug/l	100
94) Hexachlorobutadiene	13.368	225	211008	39.898	ug/l	98
95) Naphthalene	13.423	128	1950872	60.261	ug/l	99
96) 1,2,3-Trichlorobenzene	13.664	180	527134	50.960	ug/l	99

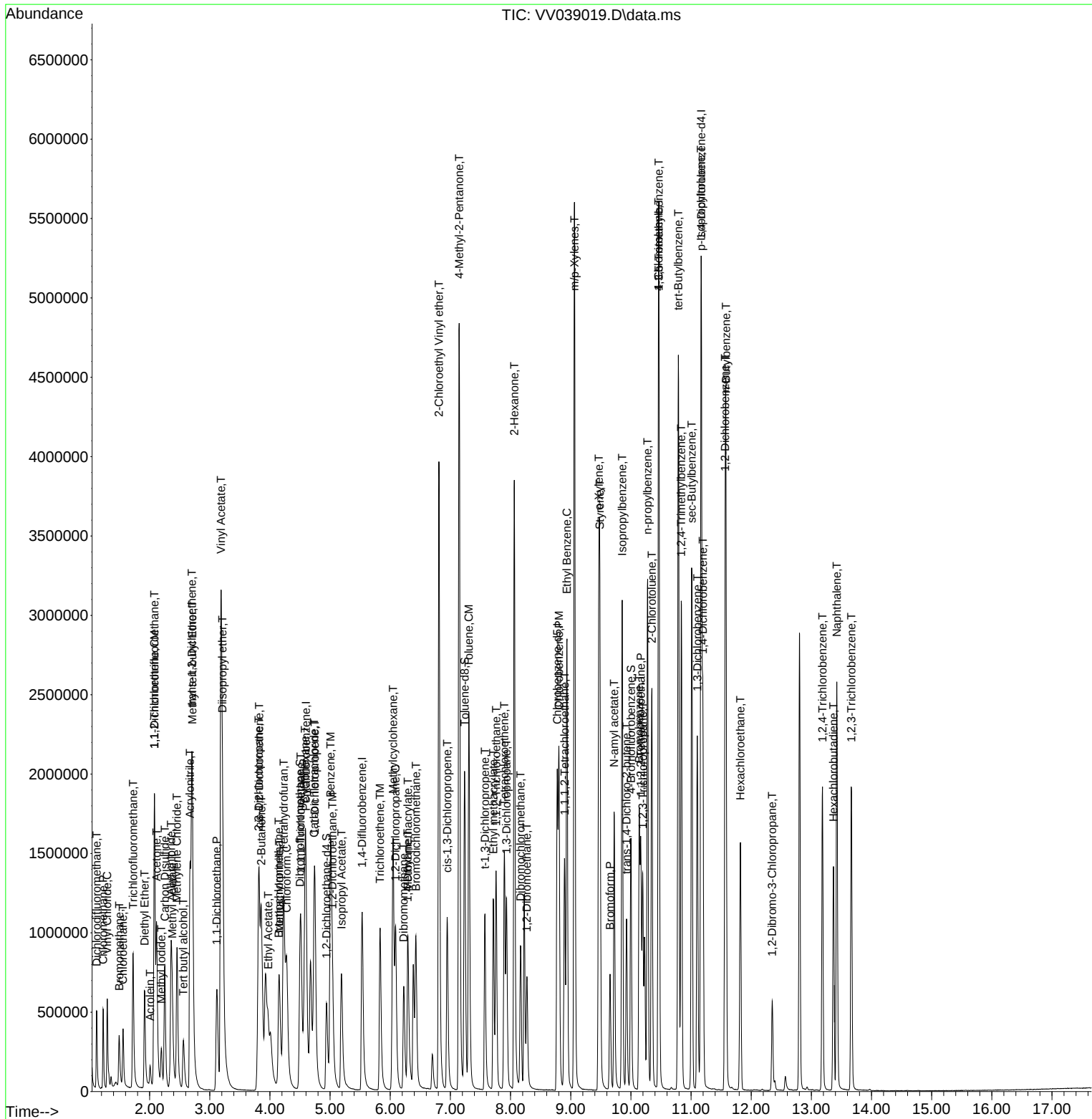
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039019.D
Acq On : 22 Aug 2025 15:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

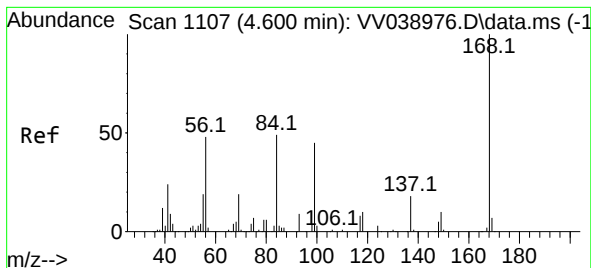
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 25 02:25:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

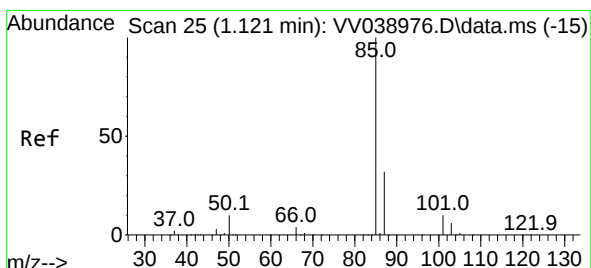
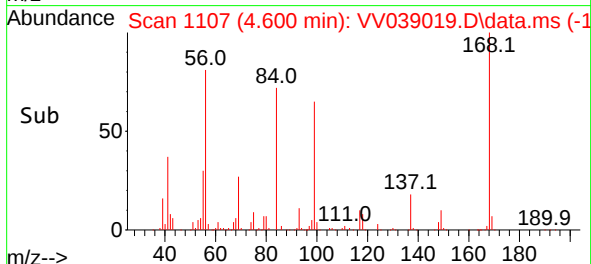
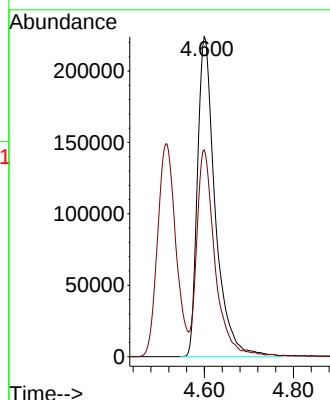
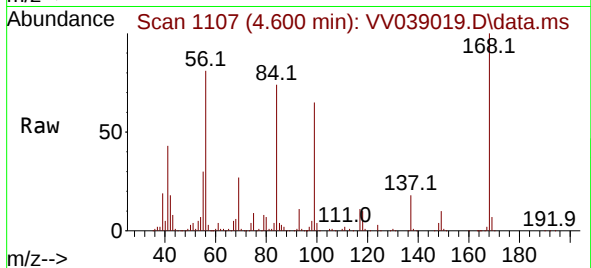
VSTDCCC050EC

Tgt Ion:168 Resp: 622299

Ion Ratio Lower Upper

168 100

99 64.3 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 39.186 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039019.D

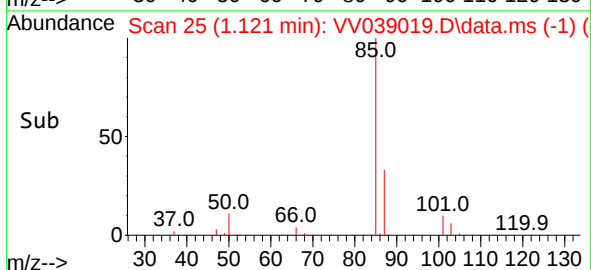
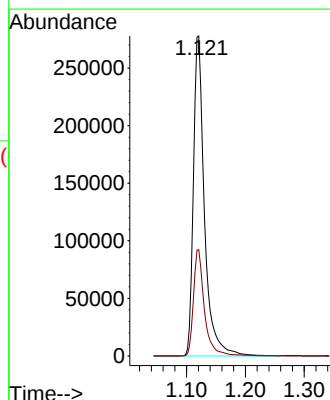
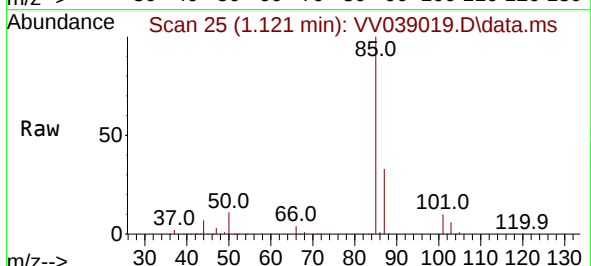
Acq: 22 Aug 2025 15:49

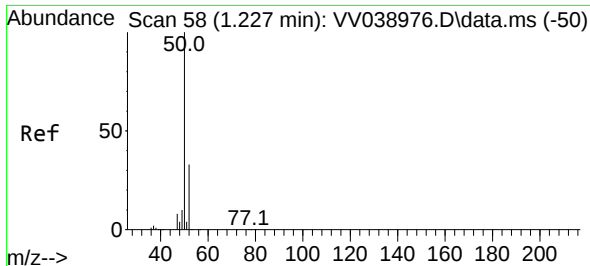
Tgt Ion: 85 Resp: 364535

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3

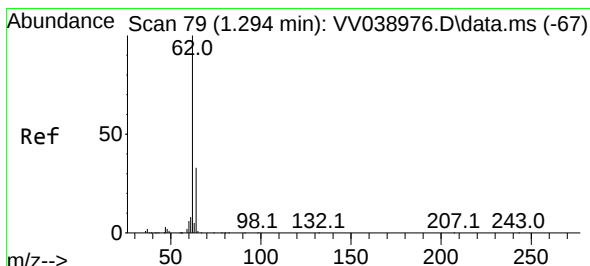
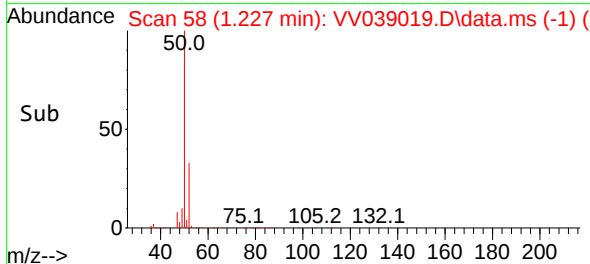
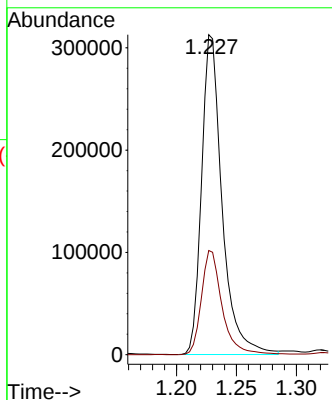
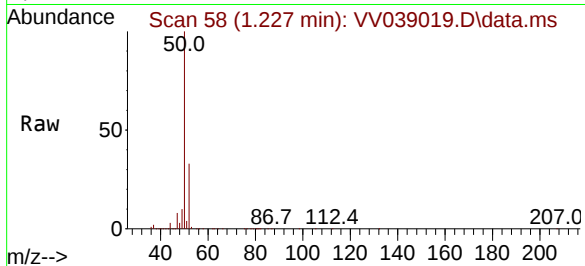




#3
Chloromethane
Concen: 38.754 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

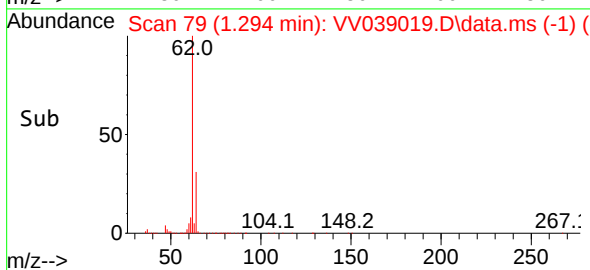
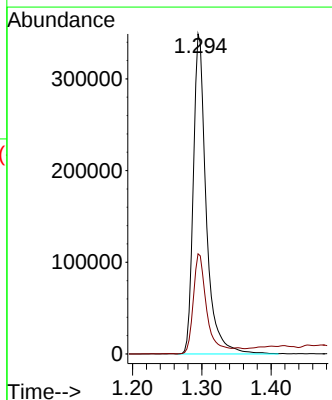
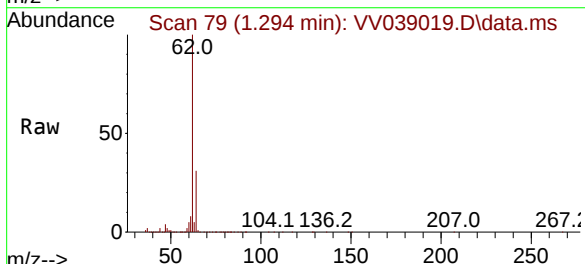
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

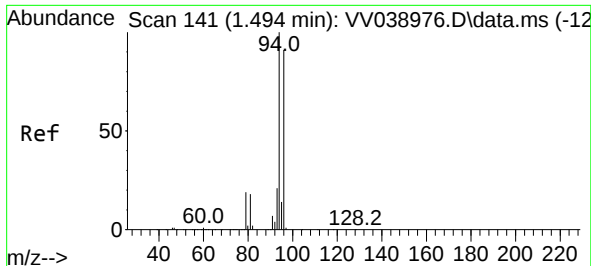
Tgt Ion: 50 Resp: 372390
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 44.787 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 62 Resp: 454095
Ion Ratio Lower Upper
62 100
64 31.2 26.4 39.6

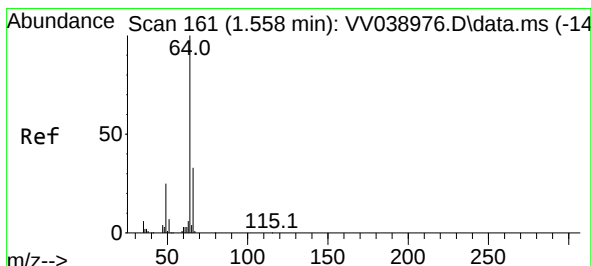
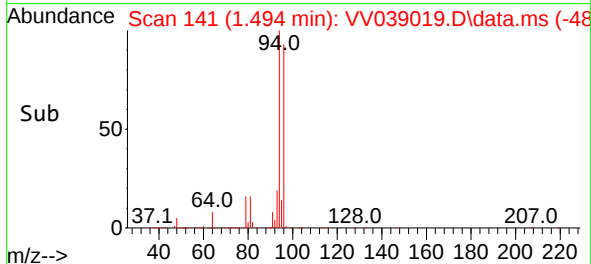
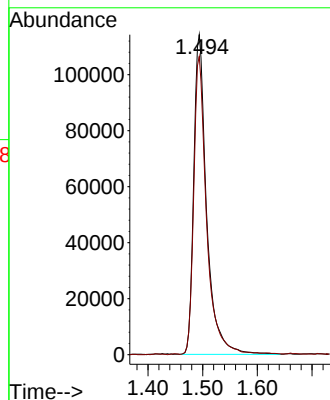
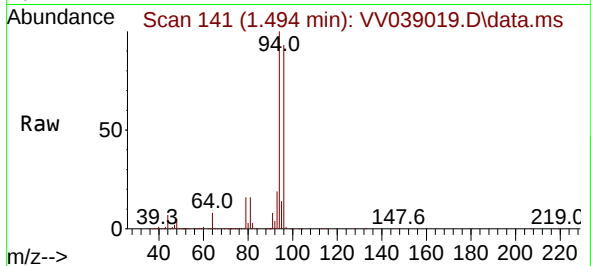




#5
Bromomethane
Concen: 34.063 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

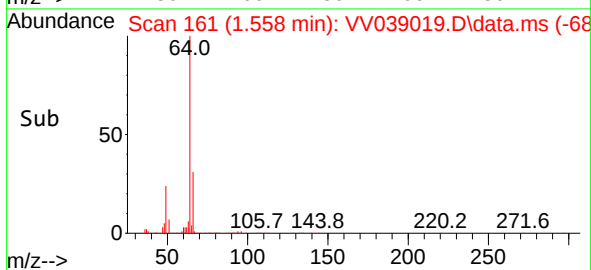
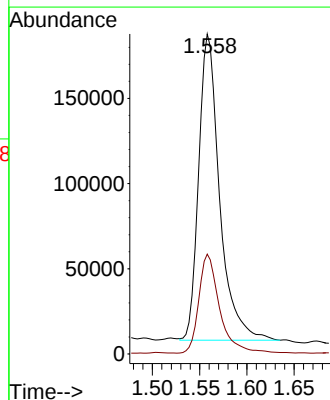
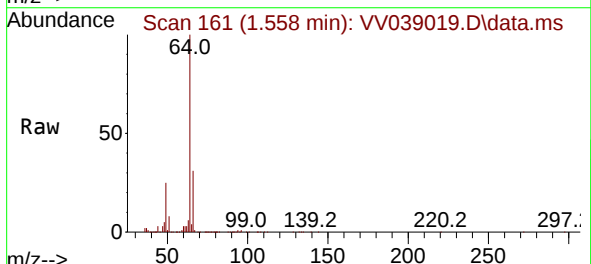
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

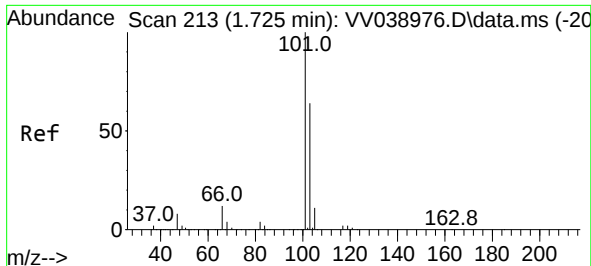
Tgt Ion: 94 Resp: 186649
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7



#6
Chloroethane
Concen: 53.517 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 64 Resp: 276497
Ion Ratio Lower Upper
64 100
66 32.3 26.8 40.2

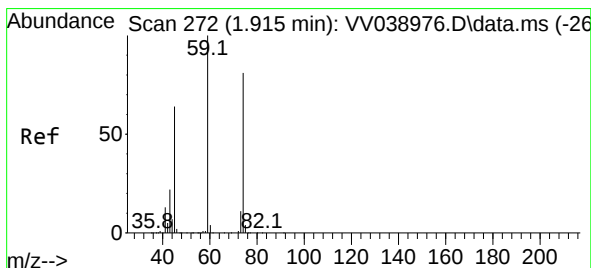
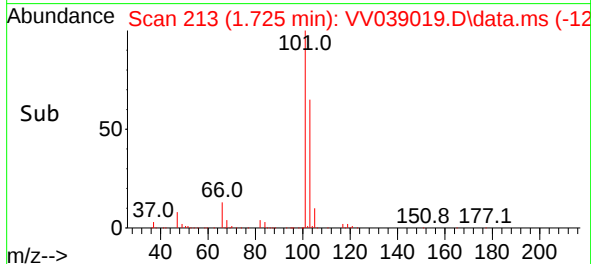
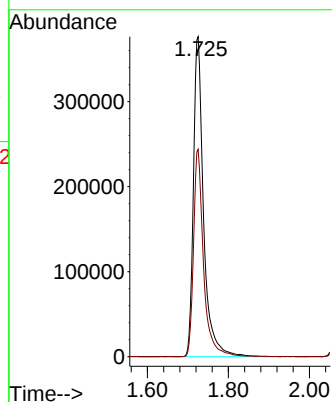
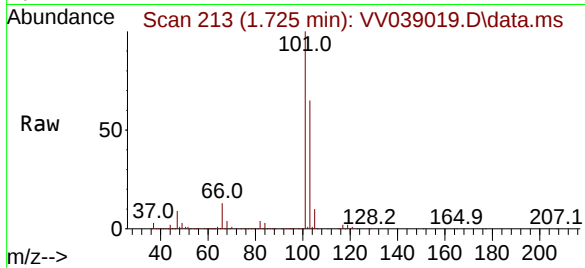




#7
 Trichlorofluoromethane
 Concen: 47.292 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

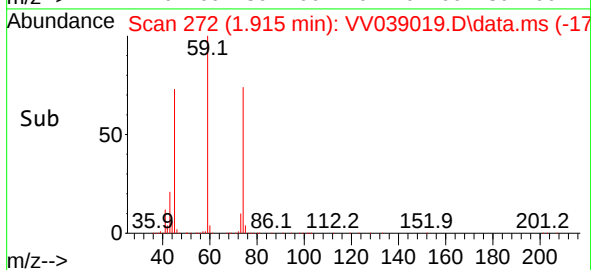
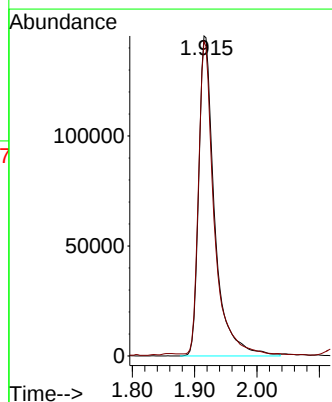
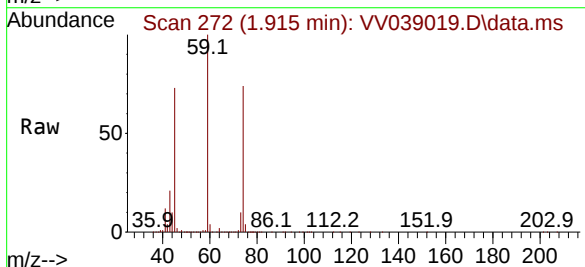
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

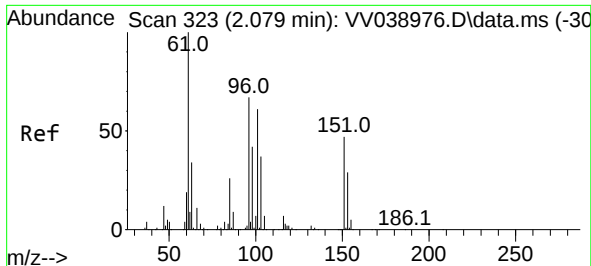
Tgt Ion:101 Resp: 656873
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 60.300 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

Tgt Ion: 74 Resp: 257564
 Ion Ratio Lower Upper
 74 100
 45 94.4 39.8 119.4

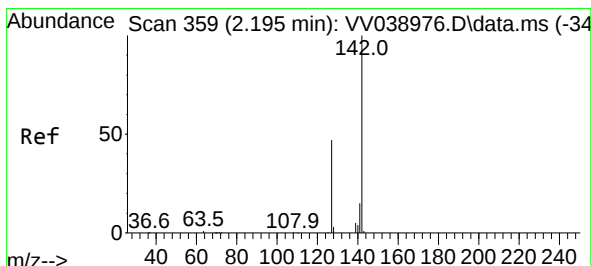
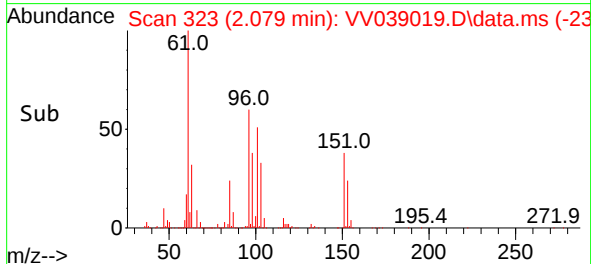
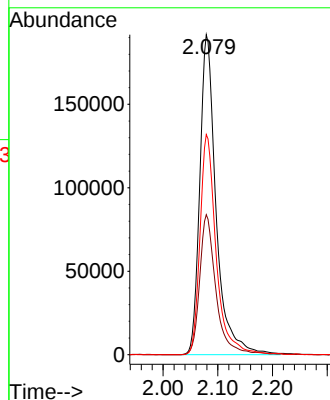
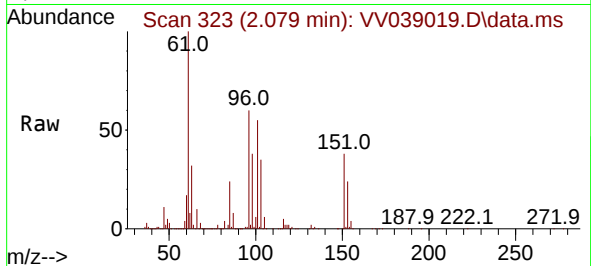




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.826 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

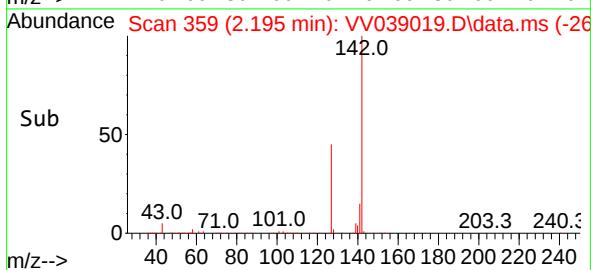
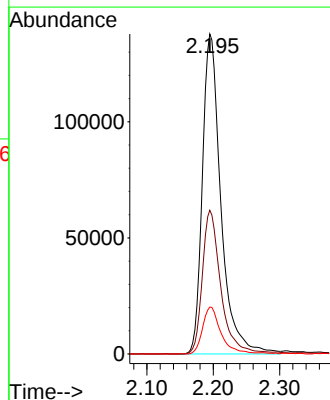
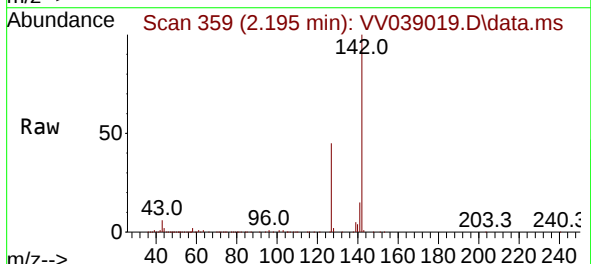
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

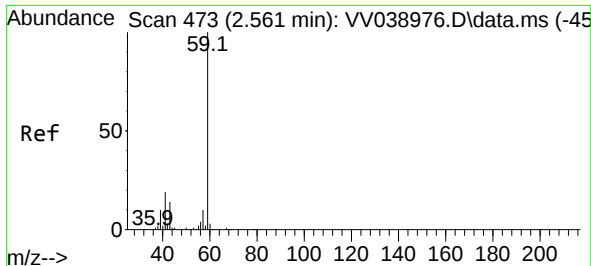
Tgt Ion:101 Resp: 397345
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 68.2 62.1 93.1



#10
Methyl Iodide
Concen: 28.091 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:142 Resp: 267952
Ion Ratio Lower Upper
142 100
127 44.7 38.6 57.8
141 14.5 11.4 17.2

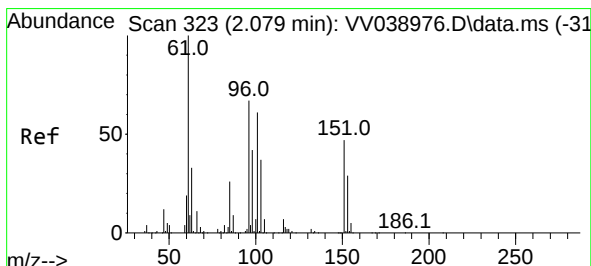
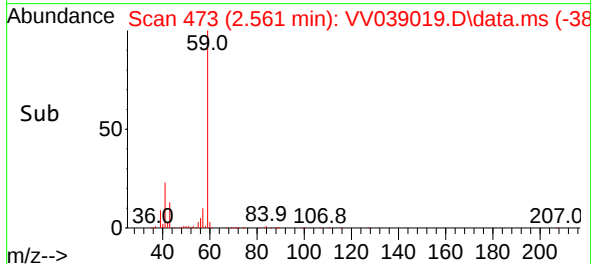
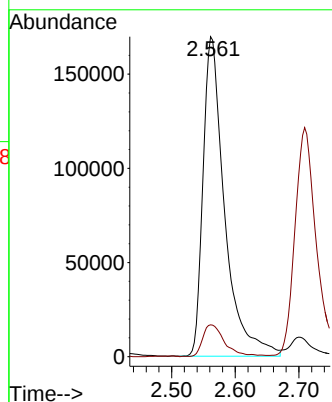
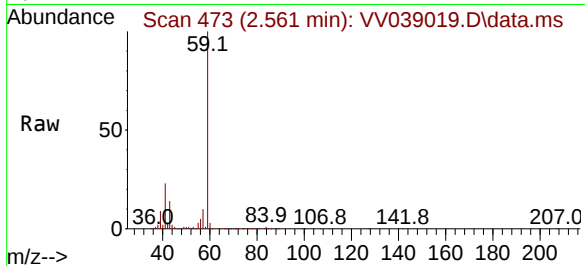




#11
Tert butyl alcohol
Concen: 338.492 ug/l
RT: 2.561 min Scan# 473
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

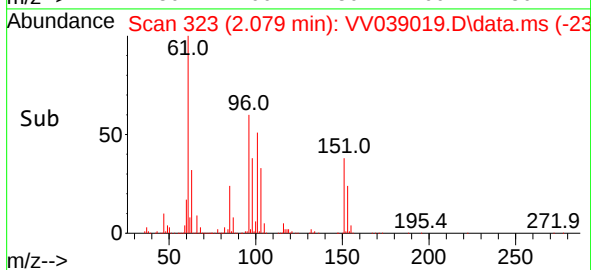
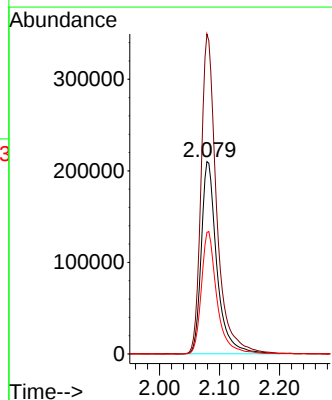
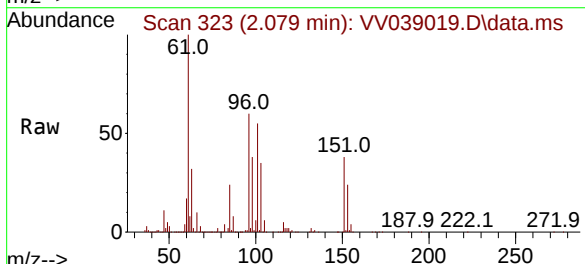
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

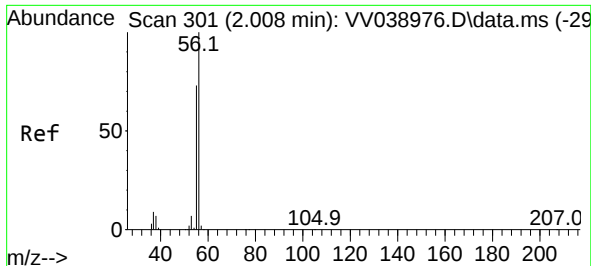
Tgt Ion: 59 Resp: 400044
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 54.025 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 96 Resp: 381563
Ion Ratio Lower Upper
96 100
61 166.4 119.8 179.8
98 63.2 50.2 75.2

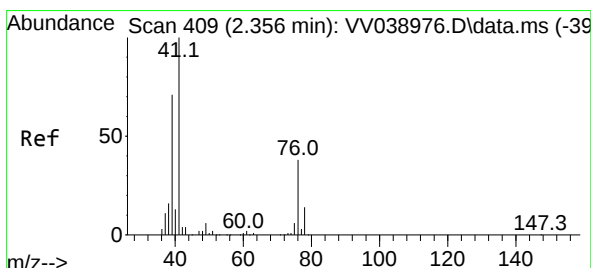
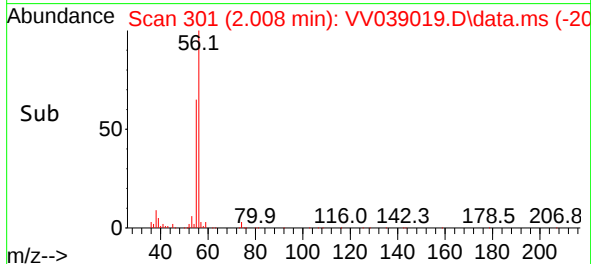
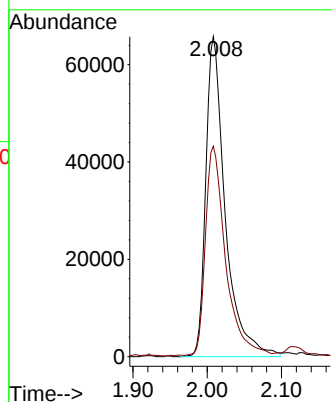
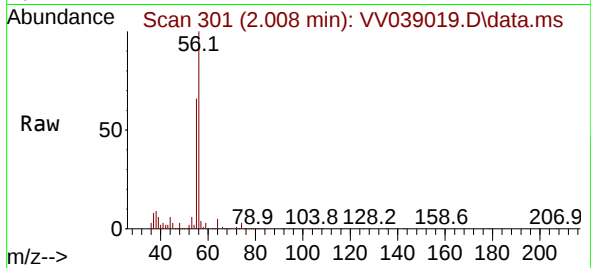




#13
Acrolein
Concen: 316.932 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

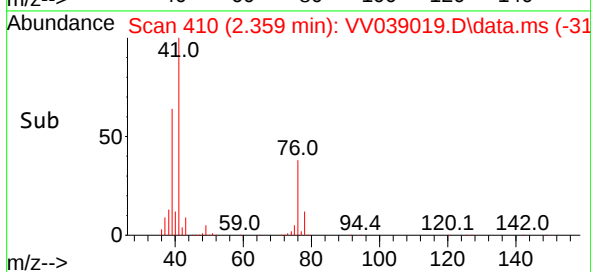
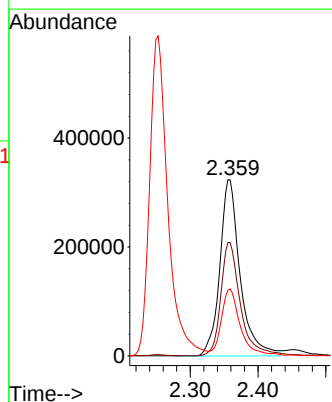
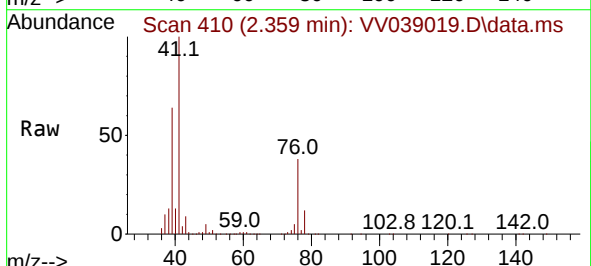
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

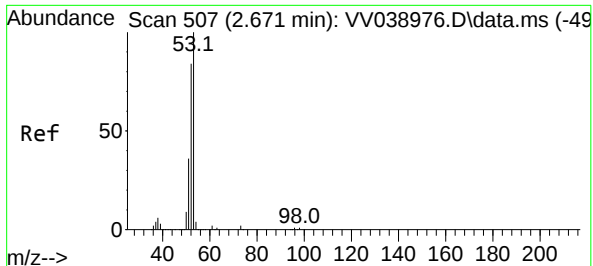
Tgt Ion: 56 Resp: 119487
Ion Ratio Lower Upper
56 100
55 67.5 58.8 88.2



#14
Allyl chloride
Concen: 71.382 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 41 Resp: 673121
Ion Ratio Lower Upper
41 100
39 62.7 55.0 82.4
76 34.5 35.6 53.4#



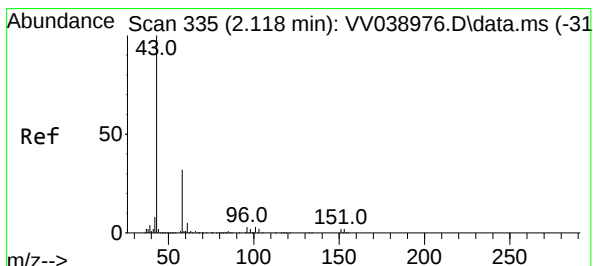
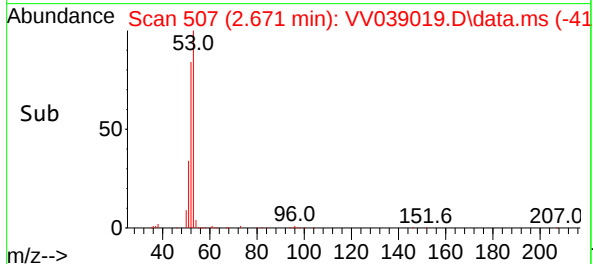
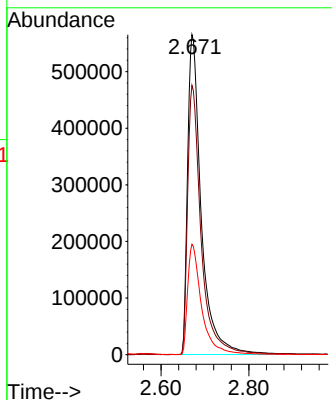
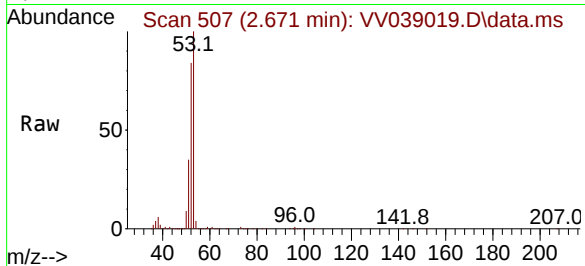


#15
Acrylonitrile
Concen: 342.382 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1222873

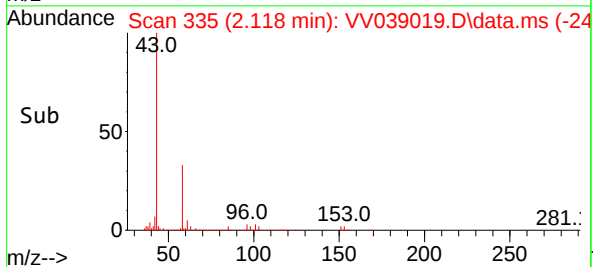
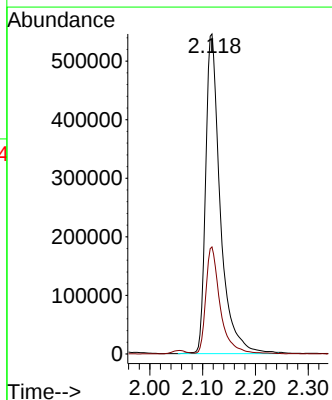
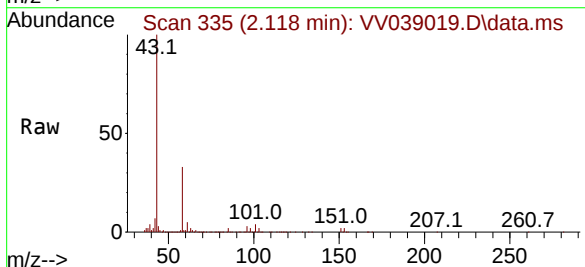
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.4
51	35.2	28.5	42.7

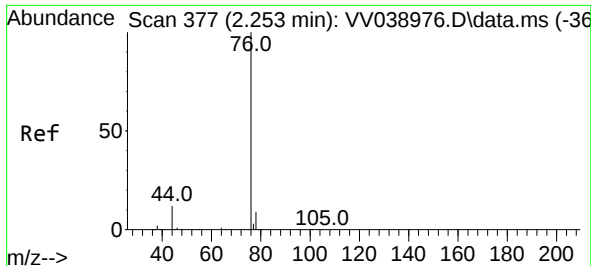


#16
Acetone
Concen: 299.576 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 43 Resp: 1049899

Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5

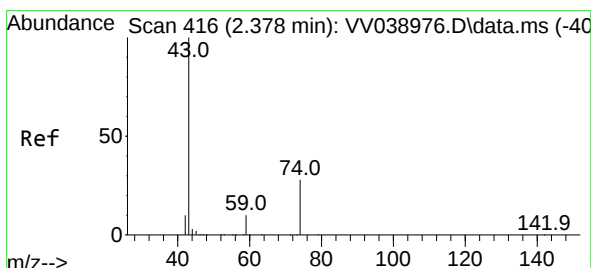
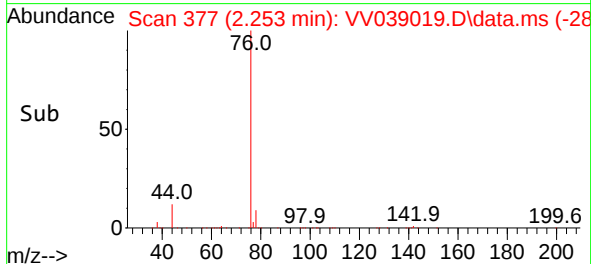
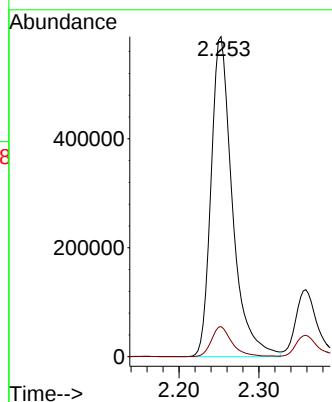
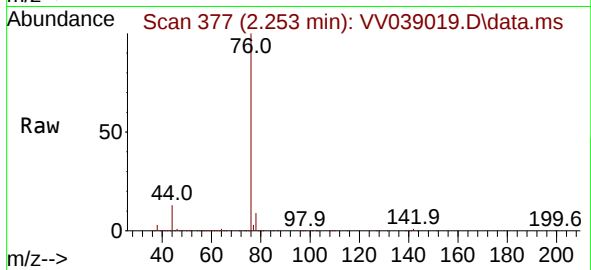




#17
Carbon Disulfide
Concen: 55.496 ug/l
RT: 2.253 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

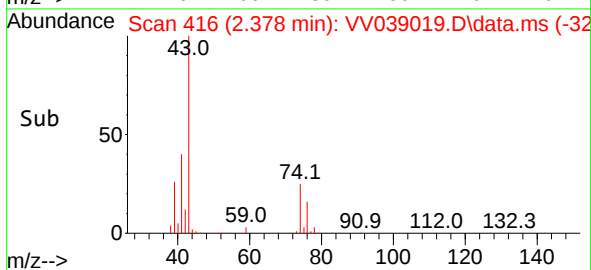
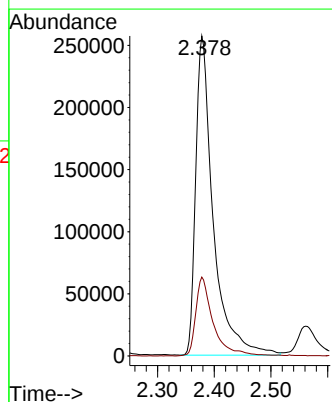
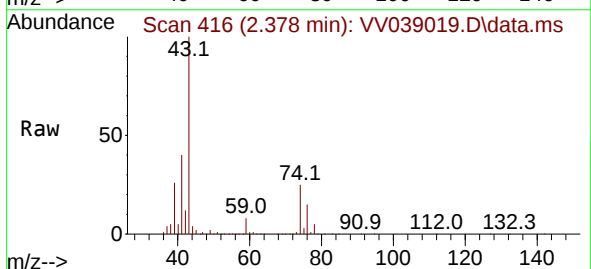
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

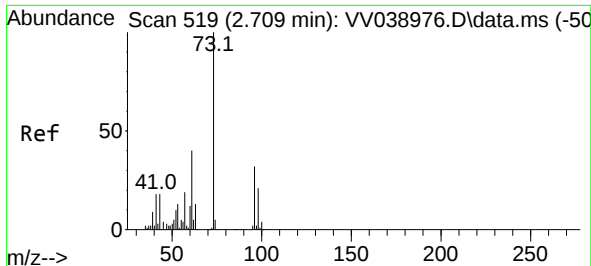
Tgt Ion: 76 Resp: 1090159
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 74.069 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 43 Resp: 550205
Ion Ratio Lower Upper
43 100
74 24.6 23.5 35.3

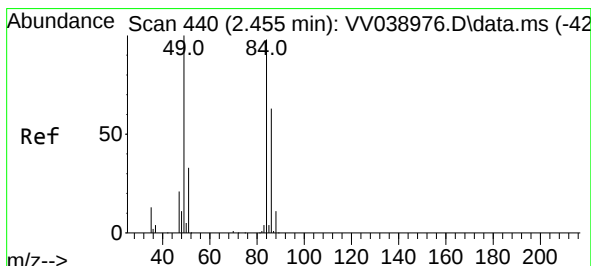
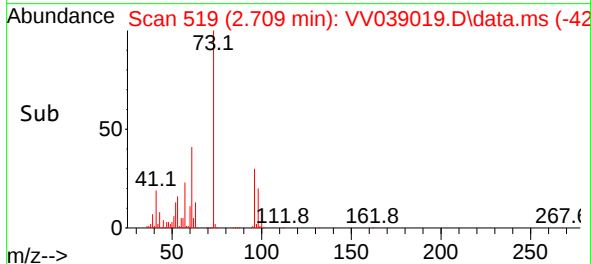
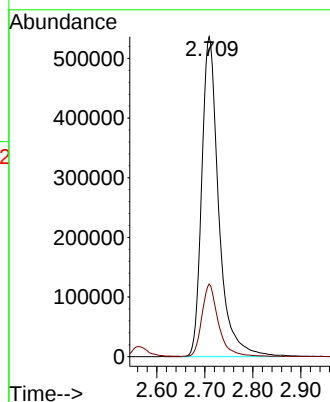
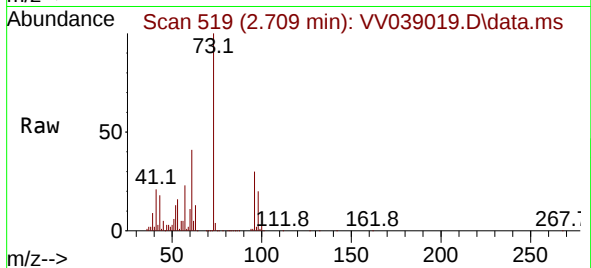




#19
Methyl tert-butyl Ether
Concen: 63.271 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

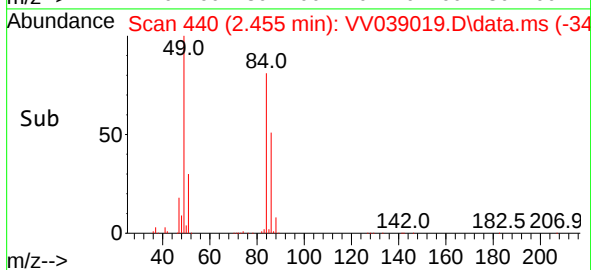
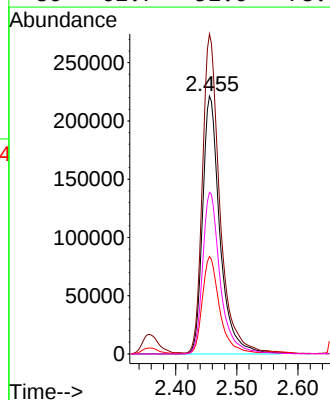
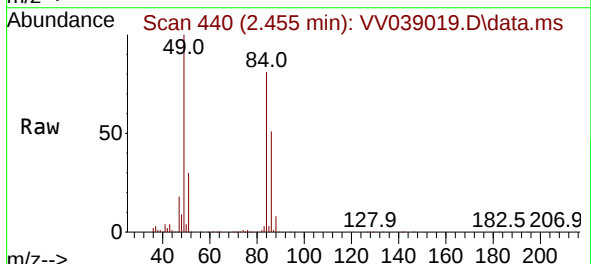
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

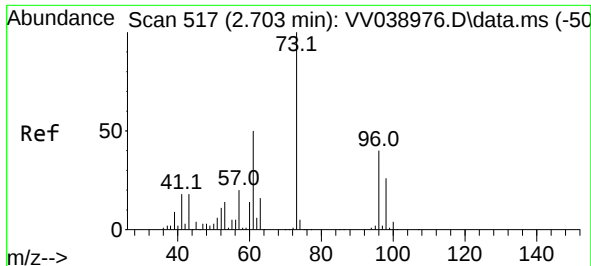
Tgt Ion: 73 Resp: 1321330
Ion Ratio Lower Upper
73 100
57 22.6 15.7 23.5



#20
Methylene Chloride
Concen: 53.513 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 84 Resp: 435828
Ion Ratio Lower Upper
84 100
49 123.6 81.9 122.9#
51 37.6 26.9 40.3
86 62.7 52.0 78.0

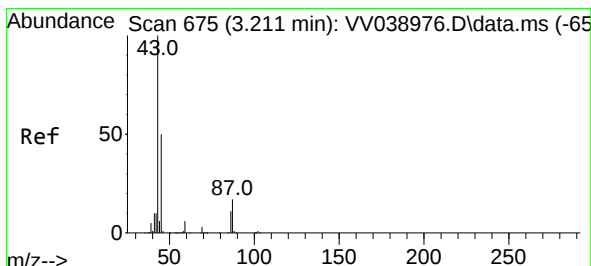
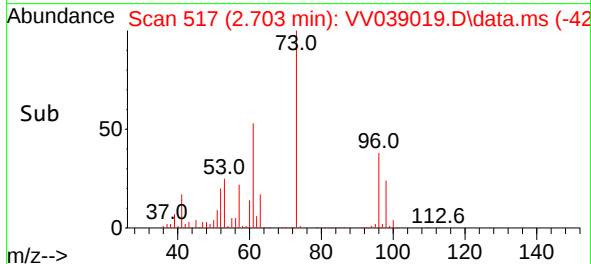
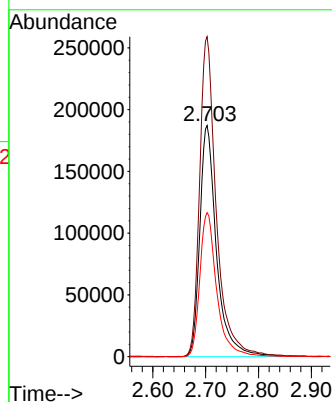
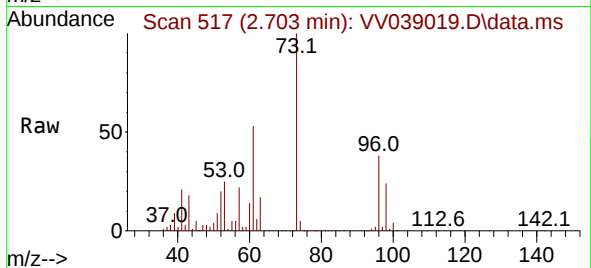




#21
trans-1,2-Dichloroethene
Concen: 56.039 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

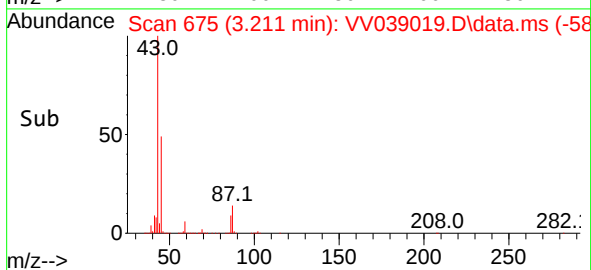
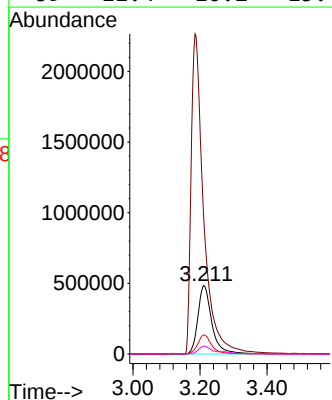
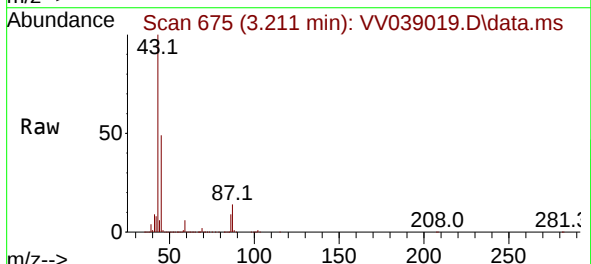
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

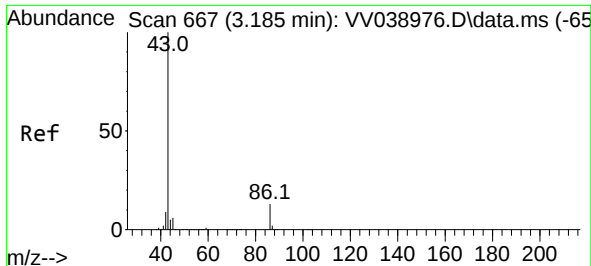
Tgt Ion: 96 Resp: 412230
Ion Ratio Lower Upper
96 100
61 138.4 100.6 151.0
98 62.3 51.5 77.3



#22
Diisopropyl ether
Concen: 67.711 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 45 Resp: 1401897
Ion Ratio Lower Upper
45 100
43 203.0 159.4 239.0
87 27.6 27.5 41.3
59 11.4 10.2 15.4

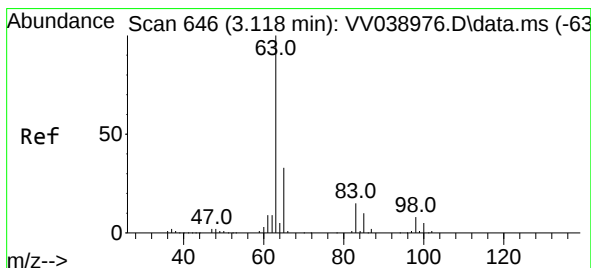
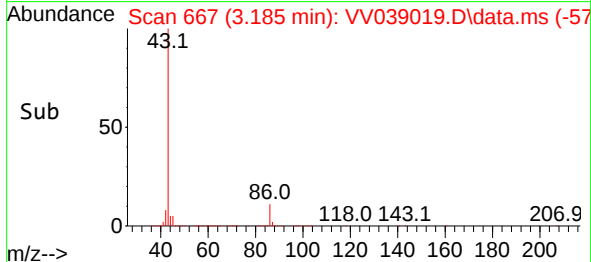
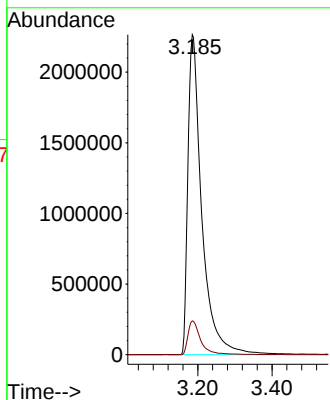
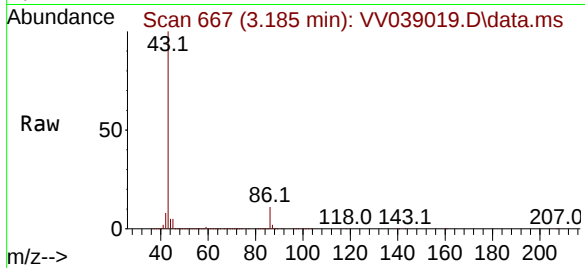




#23
 Vinyl Acetate
 Concen: 354.504 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

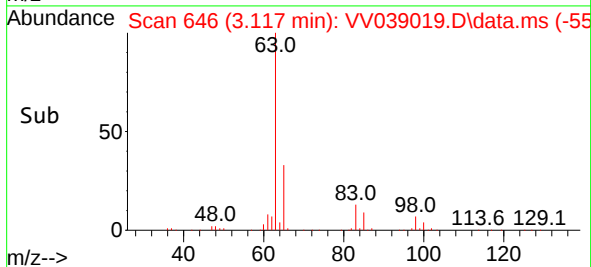
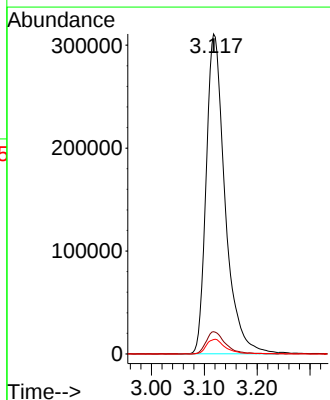
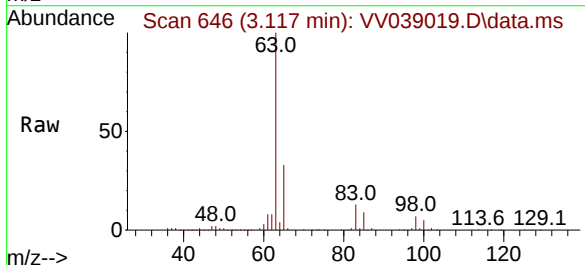
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

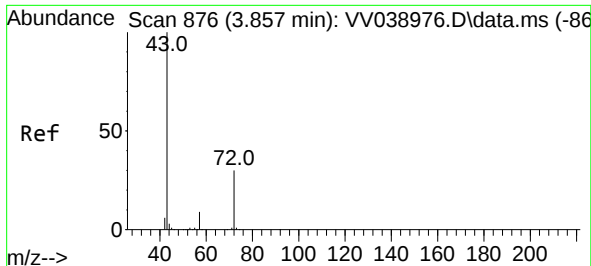
Tgt Ion: 43 Resp: 5889232
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 56.235 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

Tgt Ion: 63 Resp: 771227
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.3 12.8
 100 4.5 2.6 8.0

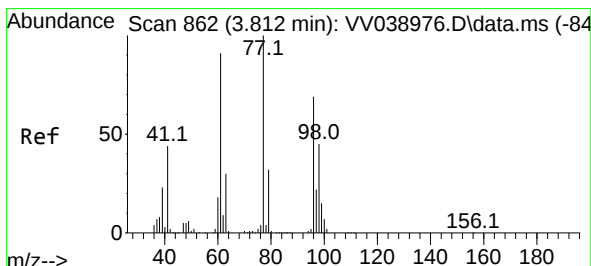
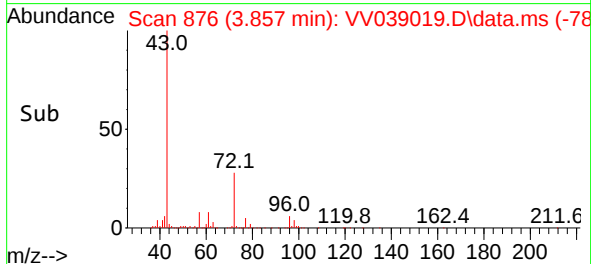
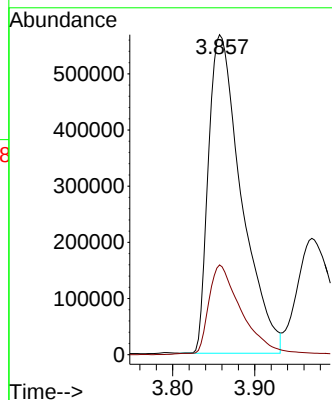
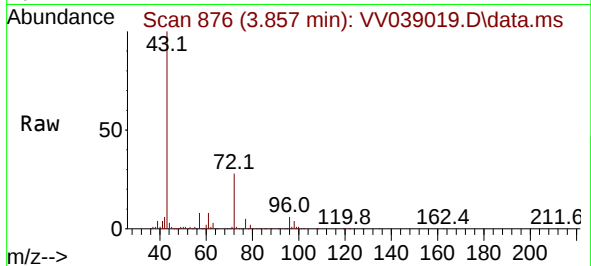




#25
2-Butanone
Concen: 347.969 ug/l
RT: 3.857 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

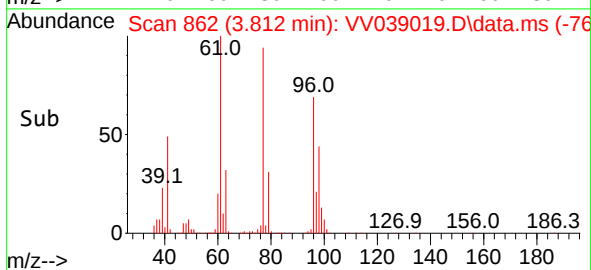
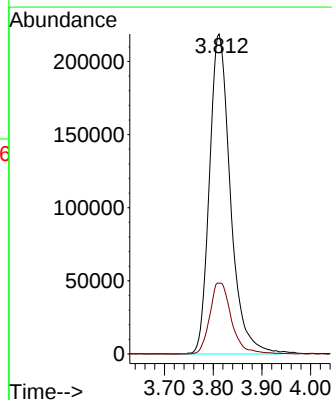
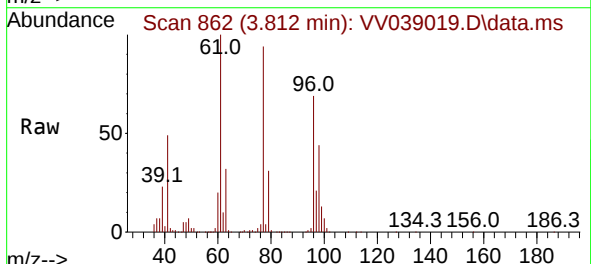
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

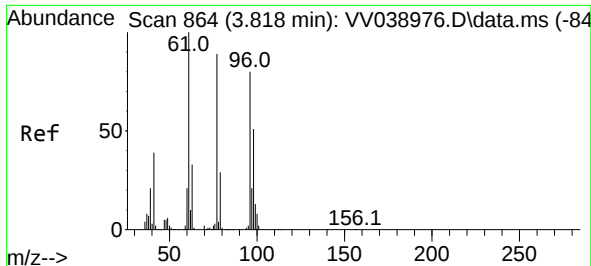
Tgt Ion: 43 Resp: 1586699
Ion Ratio Lower Upper
43 100
72 27.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 49.708 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 77 Resp: 653969
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 54.914 ug/l

RT: 3.822 min Scan# 864

Delta R.T. 0.004 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

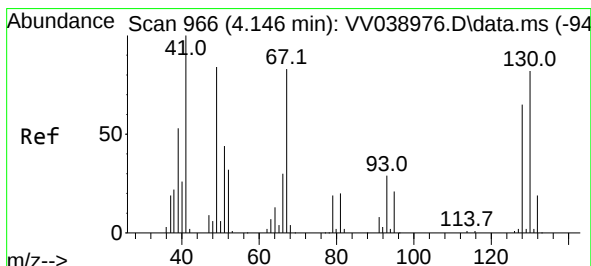
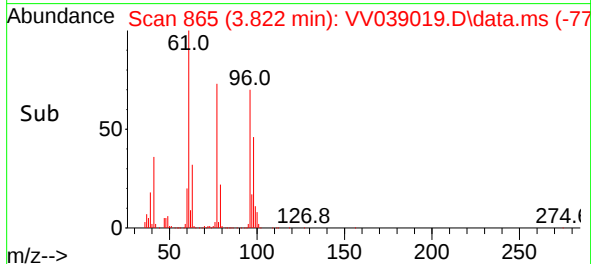
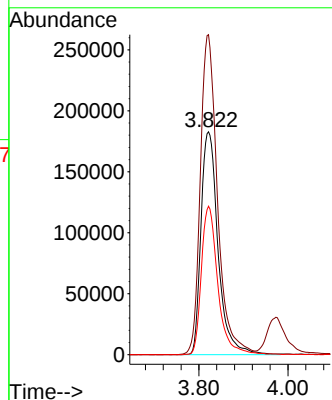
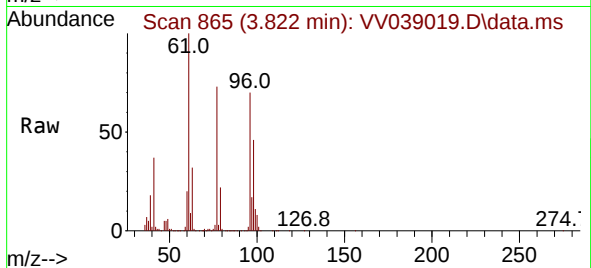
Tgt Ion: 96 Resp: 487562

Ion Ratio Lower Upper

96 100

61 144.3 0.0 264.4

98 64.1 0.0 131.8



#28

Bromochloromethane

Concen: 66.880 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

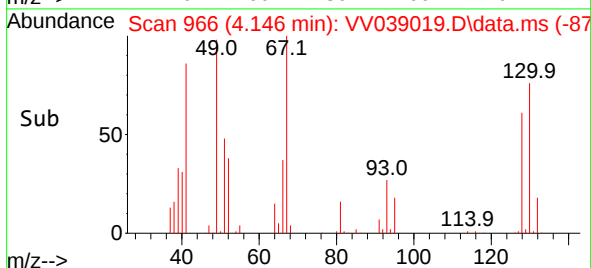
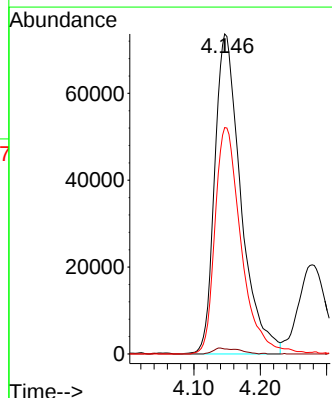
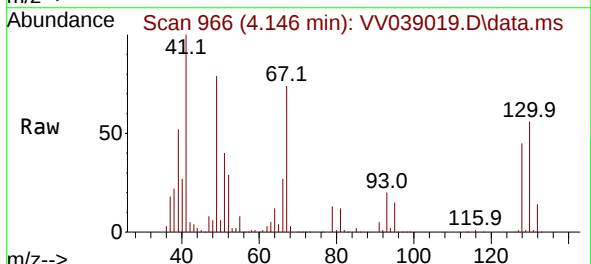
Tgt Ion: 49 Resp: 201488

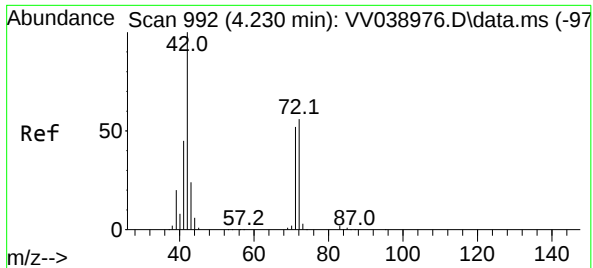
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.2

130 71.0 78.2 117.2#

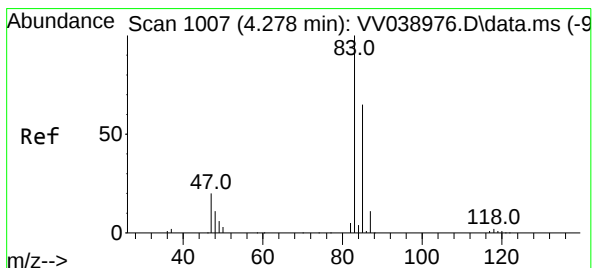
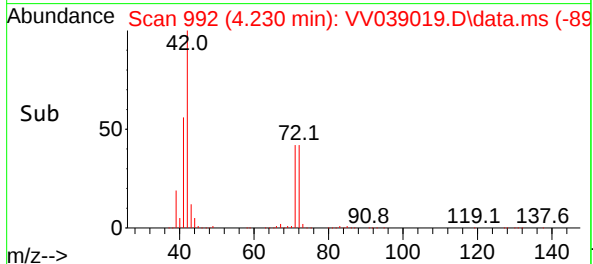
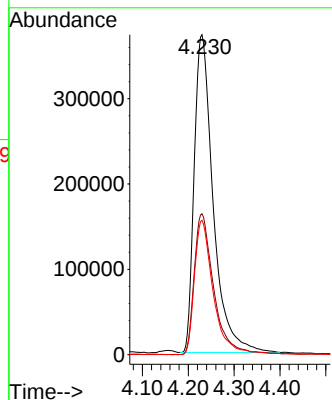
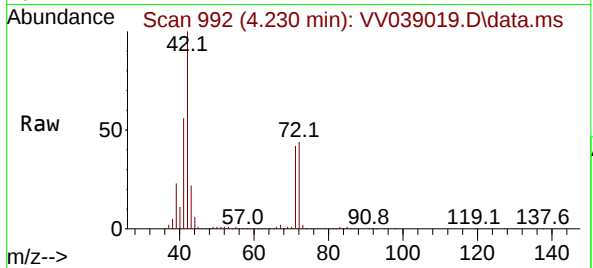




#29
Tetrahydrofuran
Concen: 351.474 ug/l
RT: 4.230 min Scan# 992
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

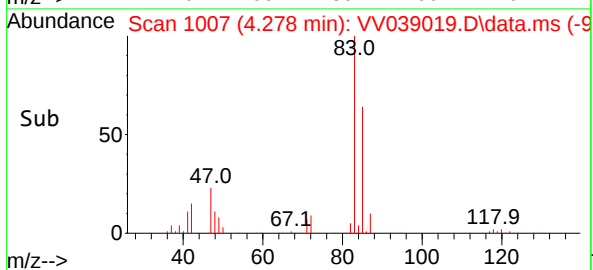
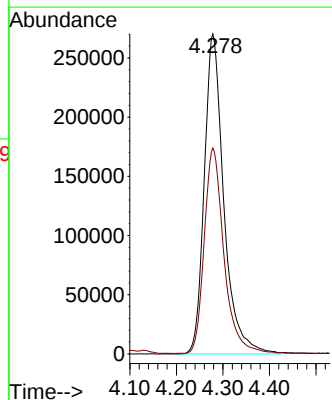
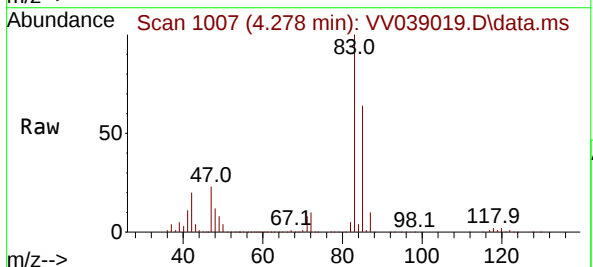
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

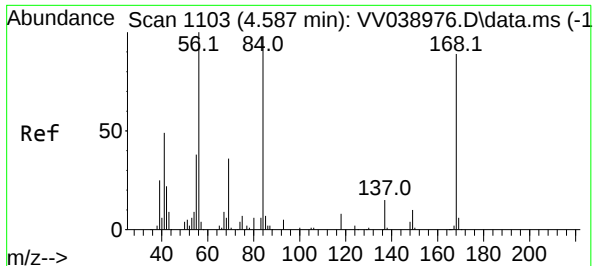
Tgt Ion: 42 Resp: 1069844
Ion Ratio Lower Upper
42 100
72 44.9 44.6 66.8
71 42.2 41.6 62.4



#30
Chloroform
Concen: 50.349 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 83 Resp: 789081
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2

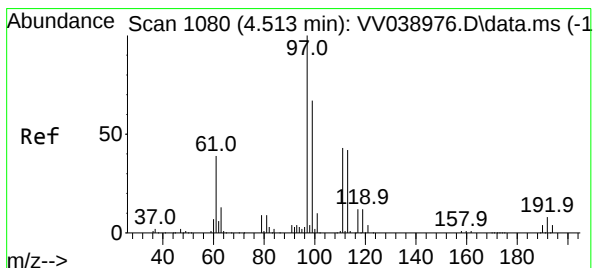
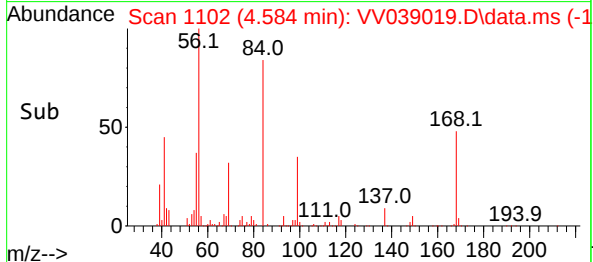
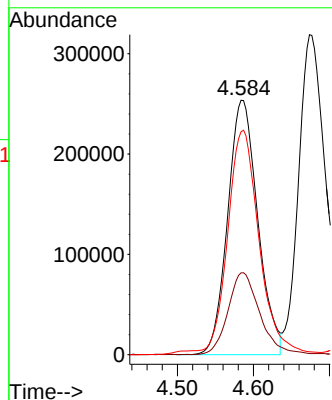
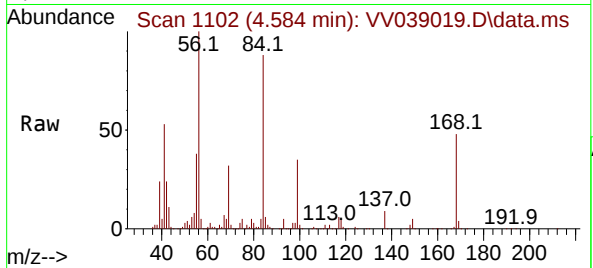




#31
Cyclohexane
Concen: 57.046 ug/l
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

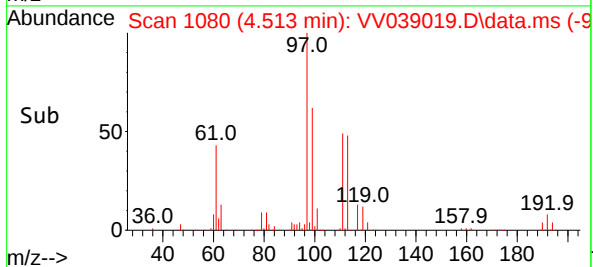
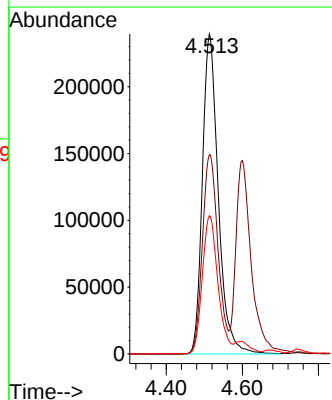
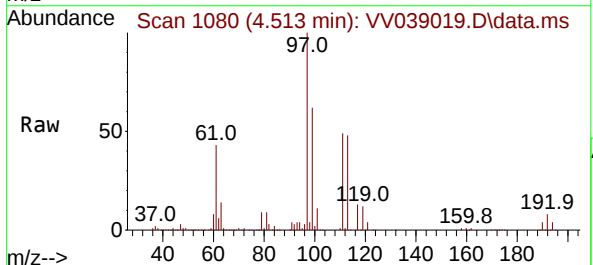
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

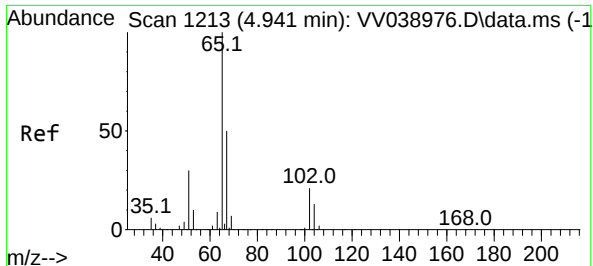
Tgt Ion: 56 Resp: 698035
Ion Ratio Lower Upper
56 100
69 32.1 28.6 42.8
84 86.2 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 47.101 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 97 Resp: 693527
Ion Ratio Lower Upper
97 100
99 61.2 49.5 74.3
61 42.4 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 54.798 ug/l

RT: 4.941 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

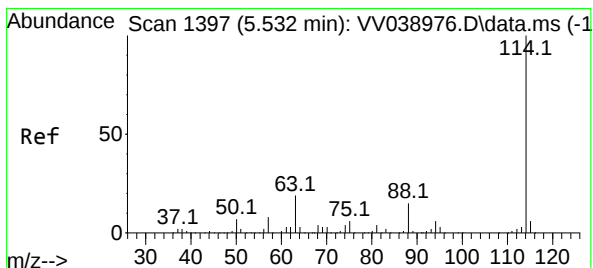
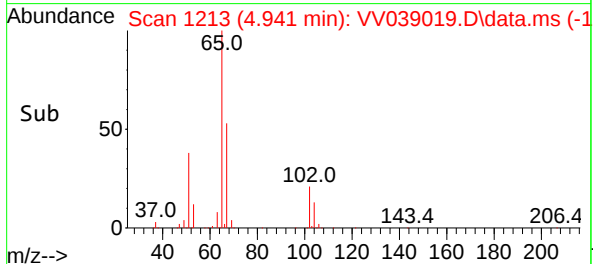
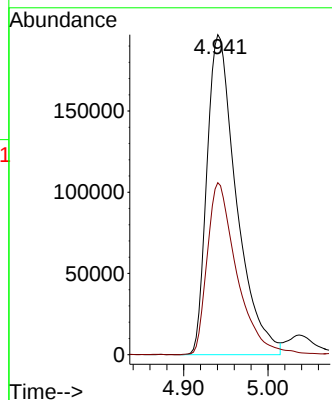
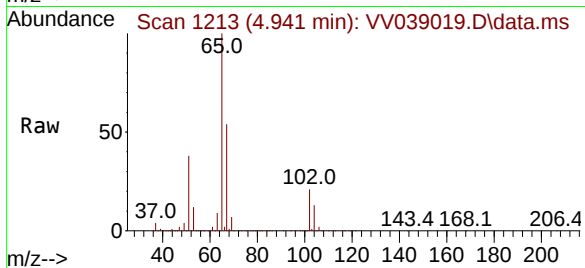
VSTDCCC050EC

Tgt Ion: 65 Resp: 478494

Ion Ratio Lower Upper

65 100

67 54.1 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: VV039019.D

Acq: 22 Aug 2025 15:49

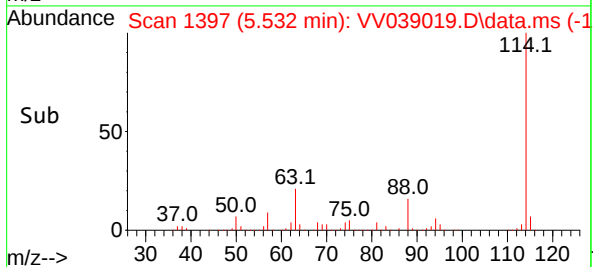
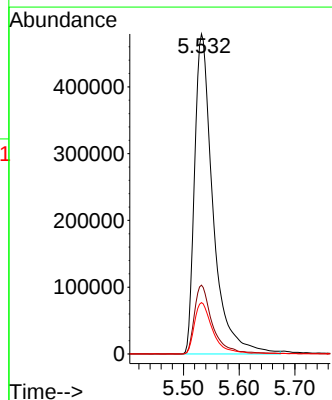
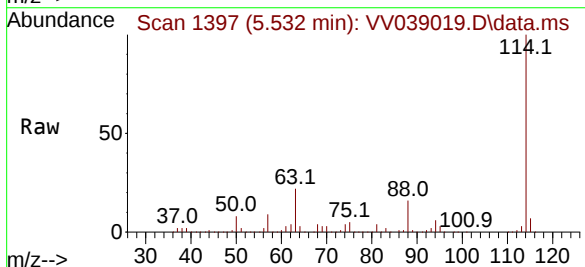
Tgt Ion: 114 Resp: 1101087

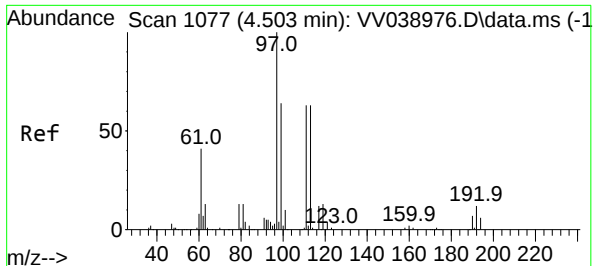
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.639 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

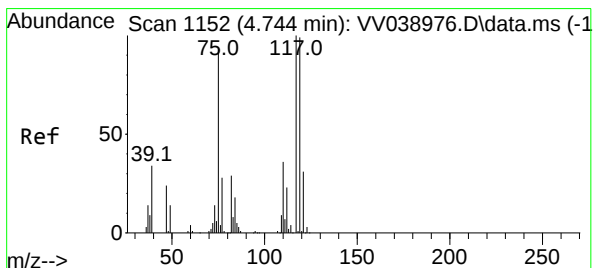
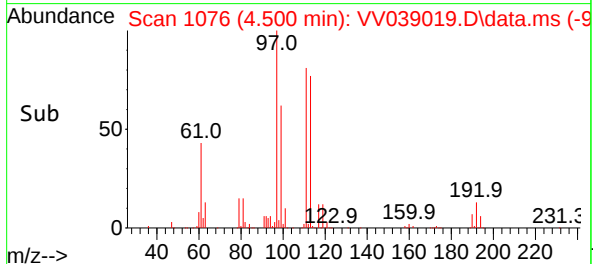
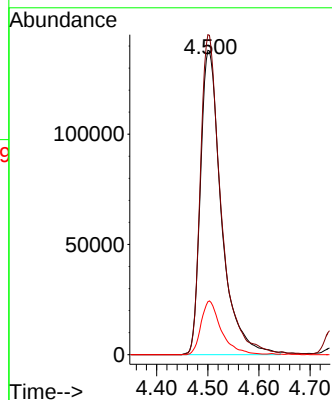
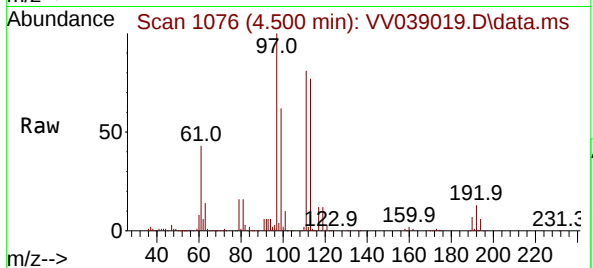
Tgt Ion:113 Resp: 393384

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 17.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 50.152 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

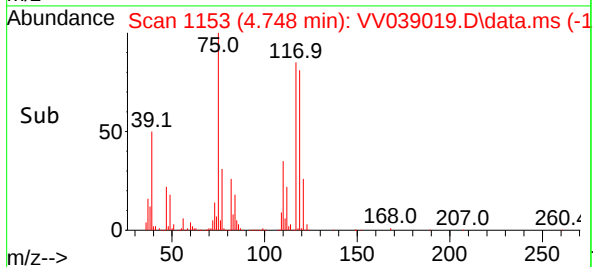
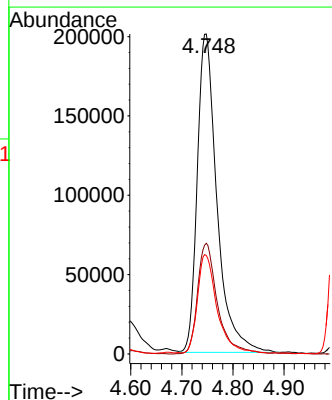
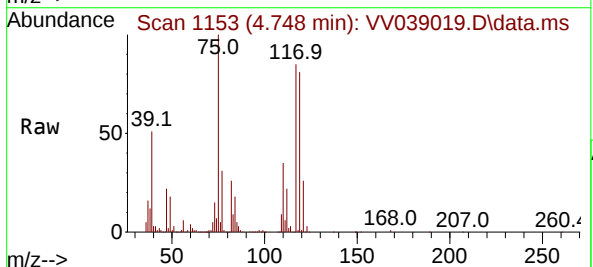
Tgt Ion: 75 Resp: 537828

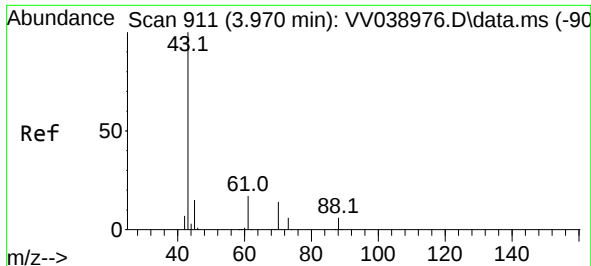
Ion Ratio Lower Upper

75 100

110 35.2 19.6 58.7

77 30.5 24.4 36.6

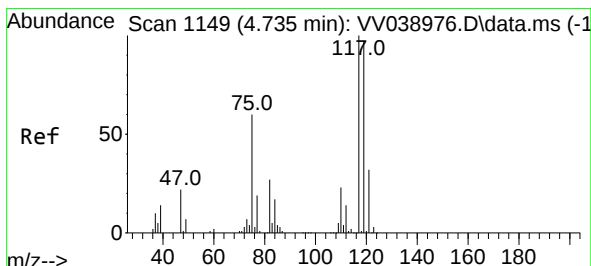
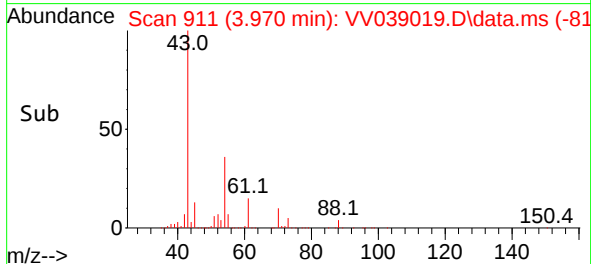
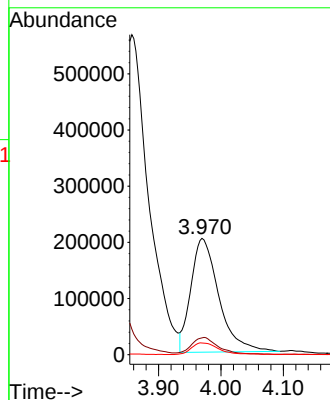
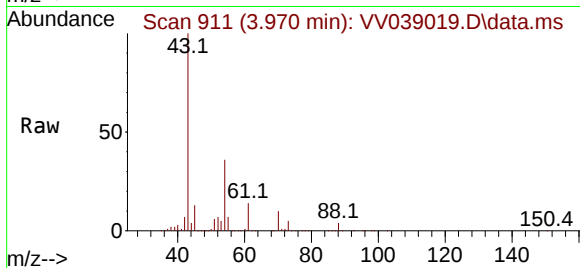




#37
Ethyl Acetate
Concen: 60.104 ug/l
RT: 3.970 min Scan# 911
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

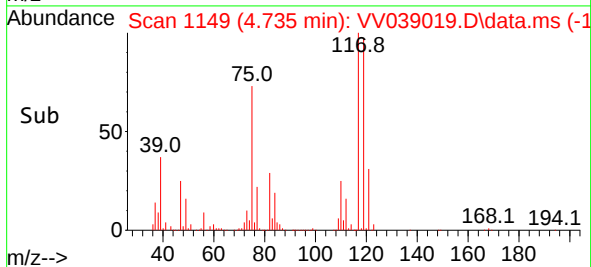
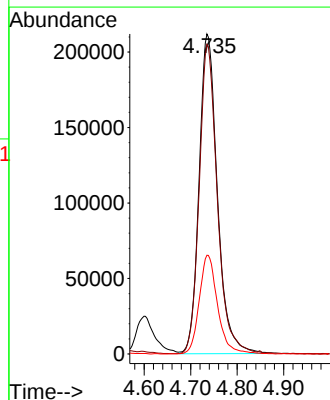
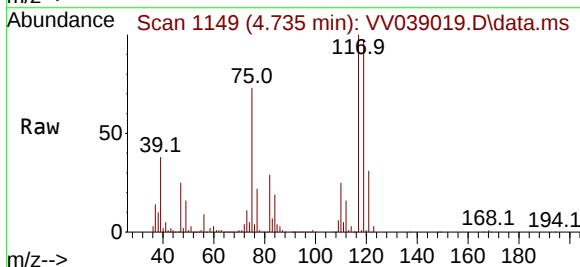
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

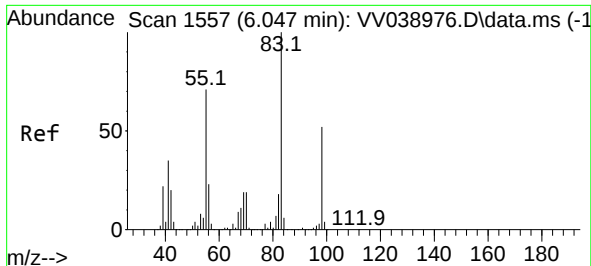
Tgt Ion: 43 Resp: 629743
Ion Ratio Lower Upper
43 100
61 14.2 12.6 19.0
70 10.0 10.2 15.4#



#38
Carbon Tetrachloride
Concen: 40.408 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:117 Resp: 580295
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7
121 30.8 25.4 38.2

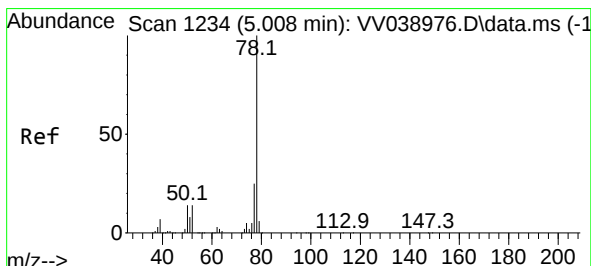
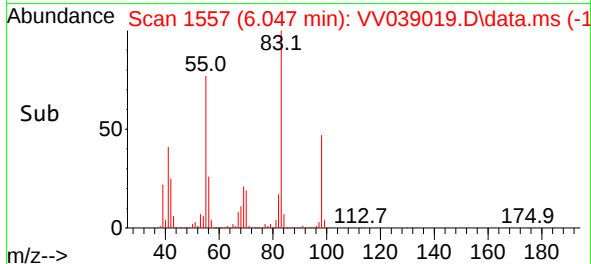
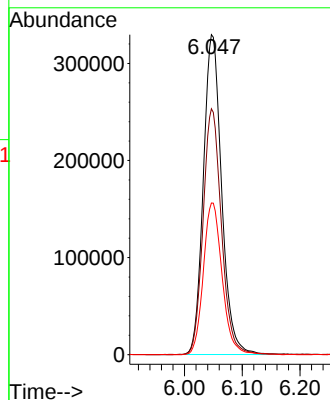
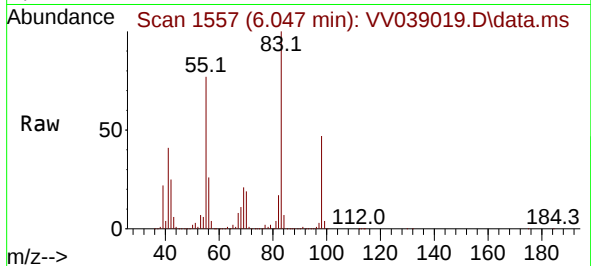




#39
Methylcyclohexane
Concen: 52.975 ug/l
RT: 6.047 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

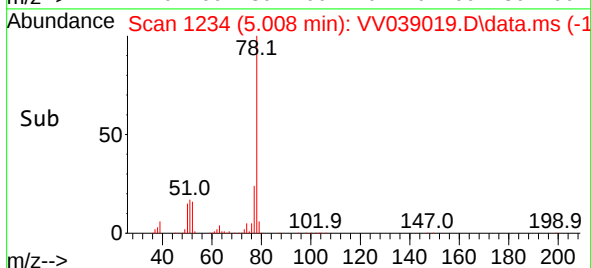
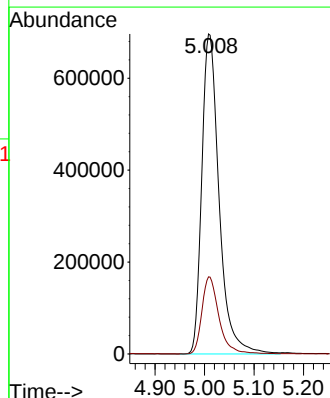
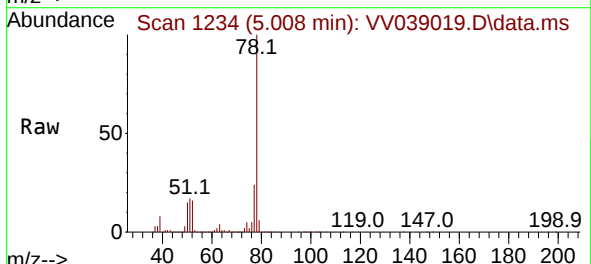
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

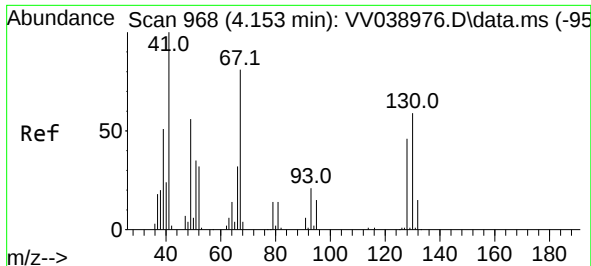
Tgt Ion: 83 Resp: 725896
Ion Ratio Lower Upper
83 100
55 76.7 57.0 85.6
98 47.4 41.3 61.9



#40
Benzene
Concen: 50.376 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 78 Resp: 1692032
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4

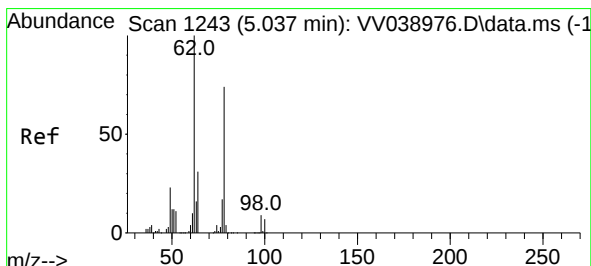
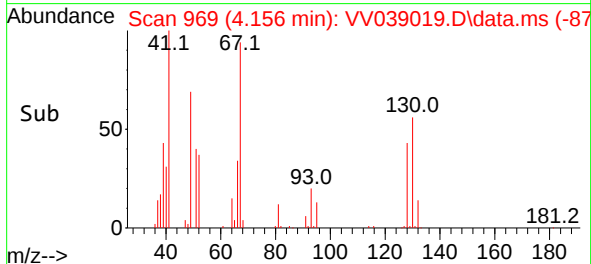
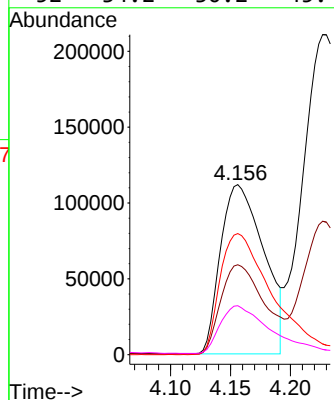
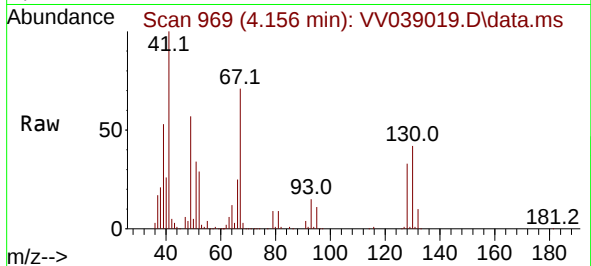




#41
Methacrylonitrile
Concen: 71.020 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

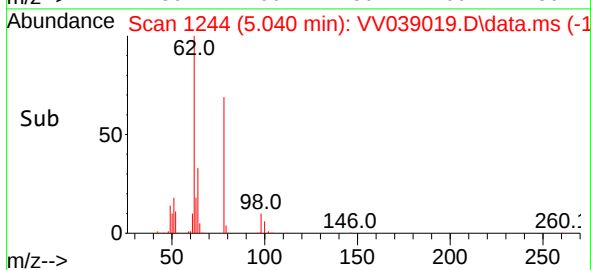
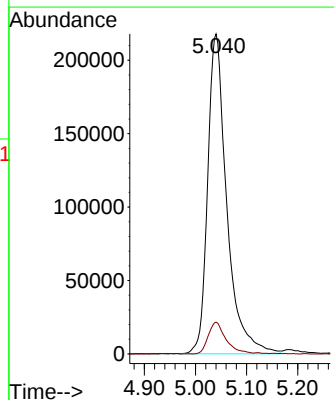
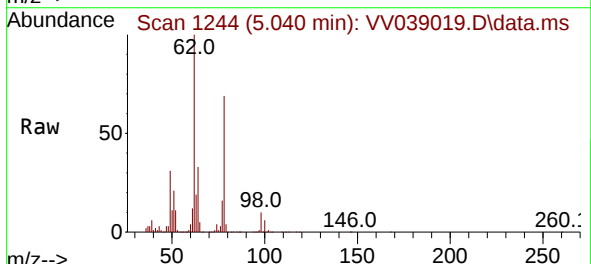
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

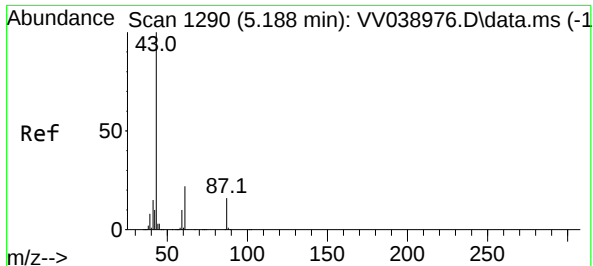
Tgt Ion: 41 Resp: 280398
Ion Ratio Lower Upper
41 100
39 53.3 45.5 68.3
67 90.2 83.5 125.3
52 34.2 30.2 45.4



#42
1,2-Dichloroethane
Concen: 46.103 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 62 Resp: 566114
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2

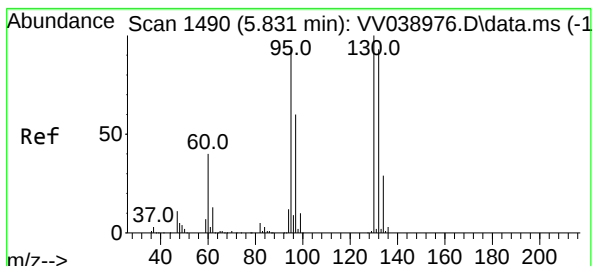
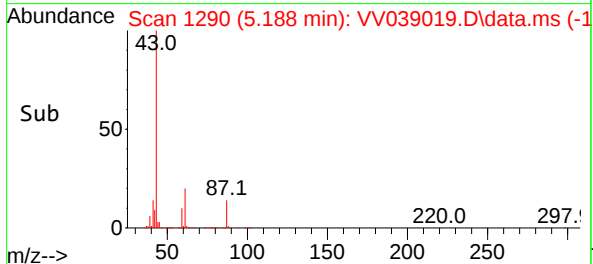
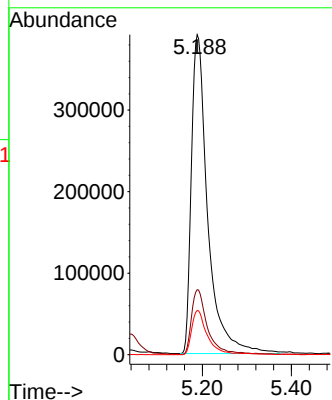
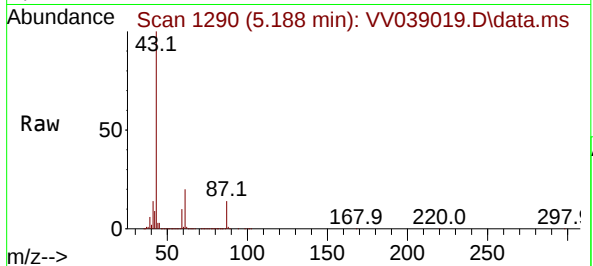




#43
Isopropyl Acetate
Concen: 62.546 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

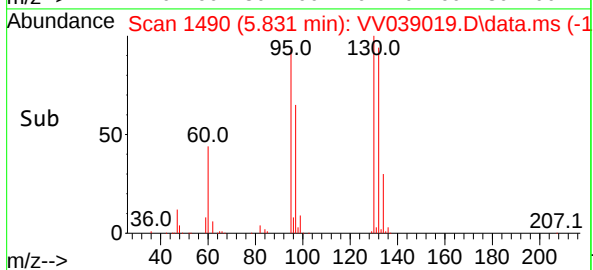
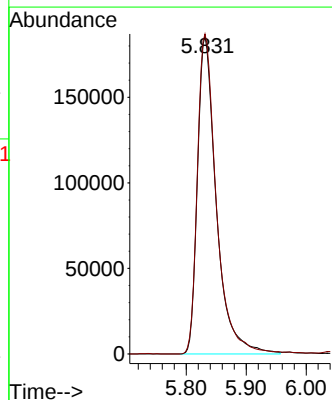
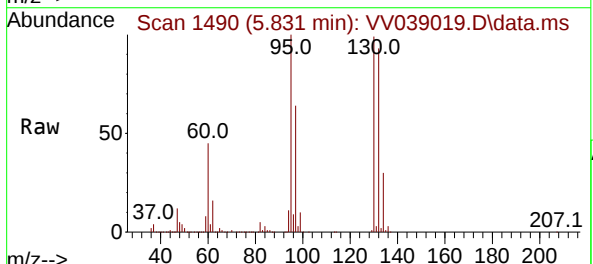
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

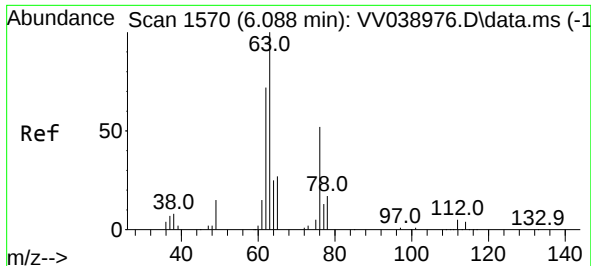
Tgt Ion: 43 Resp: 999921
Ion Ratio Lower Upper
43 100
61 19.3 17.4 26.2
87 13.0 13.3 19.9#



#44
Trichloroethene
Concen: 44.564 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:130 Resp: 406012
Ion Ratio Lower Upper
130 100
95 100.8 0.0 186.6





#45

1,2-Dichloropropane

Concen: 54.275 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

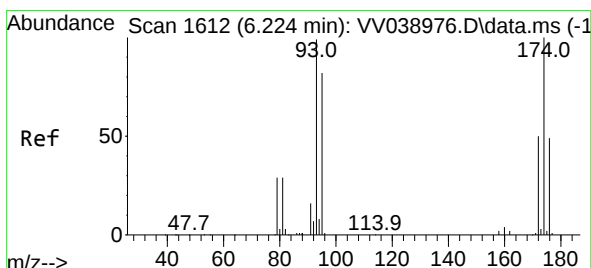
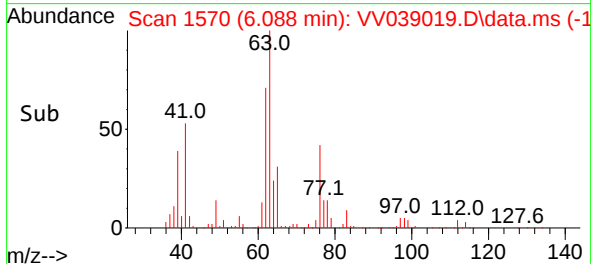
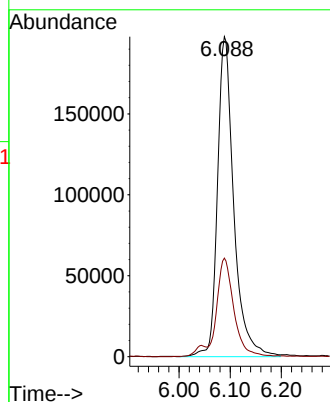
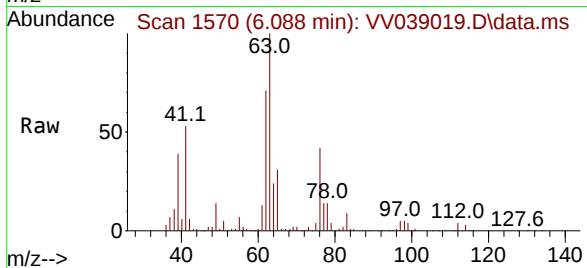
VSTDCCC050EC

Tgt Ion: 63 Resp: 437205

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 46.321 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

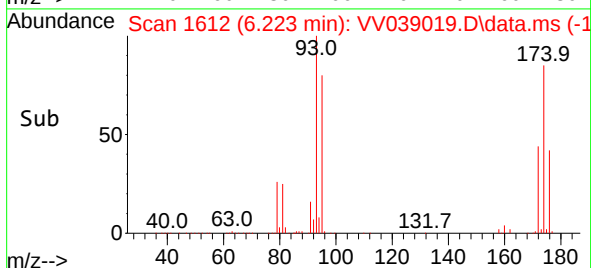
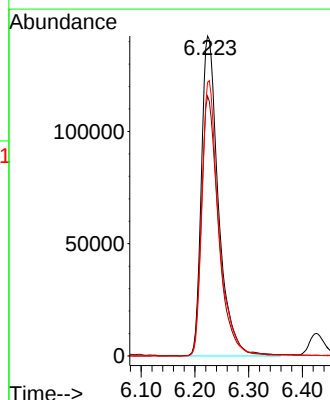
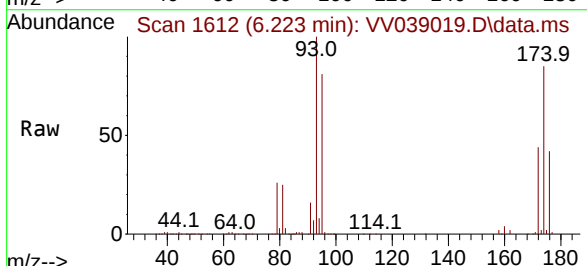
Tgt Ion: 93 Resp: 313094

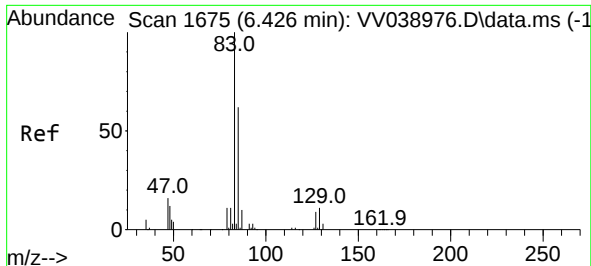
Ion Ratio Lower Upper

93 100

95 81.1 66.4 99.6

174 84.5 79.7 119.5

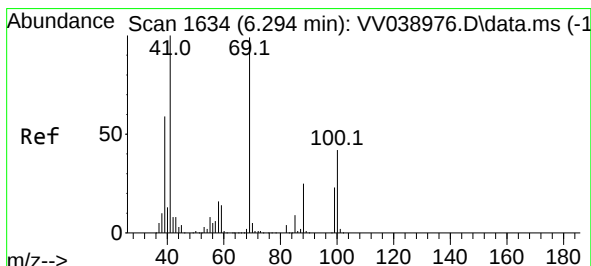
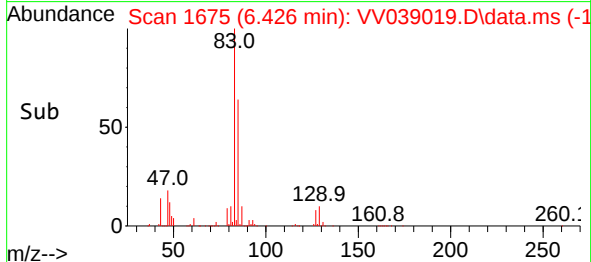
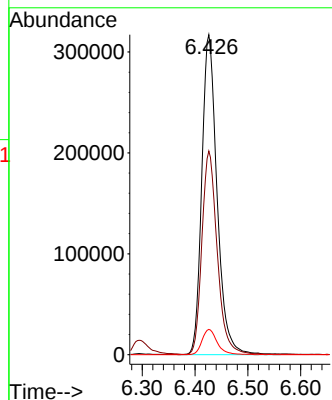
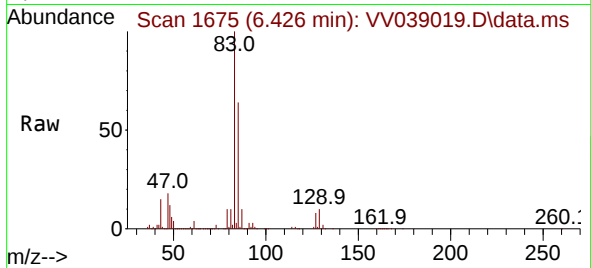




#47
Bromodichloromethane
Concen: 46.279 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

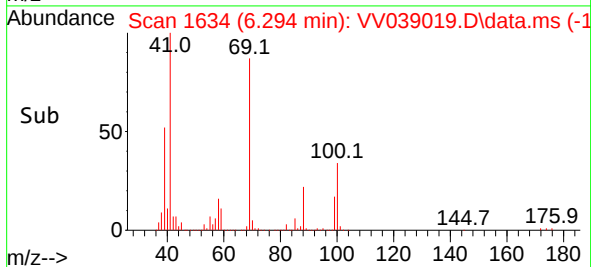
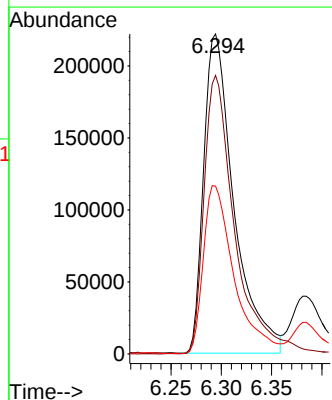
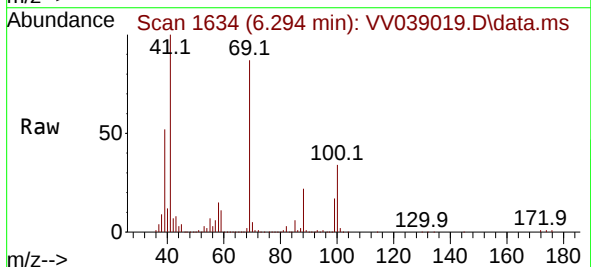
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

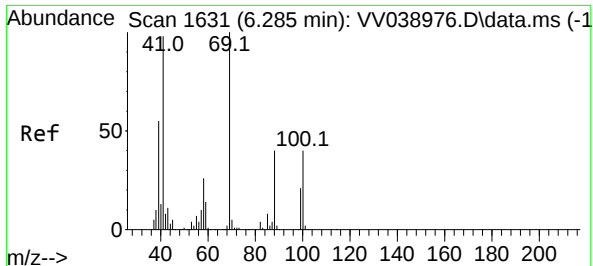
Tgt Ion: 83 Resp: 636626
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 7.9 6.9 10.3



#48
Methyl methacrylate
Concen: 64.830 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 41 Resp: 464599
Ion Ratio Lower Upper
41 100
69 88.3 82.5 123.7
39 53.1 46.6 69.8





#49

1,4-Dioxane

Concen: 1072.759 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

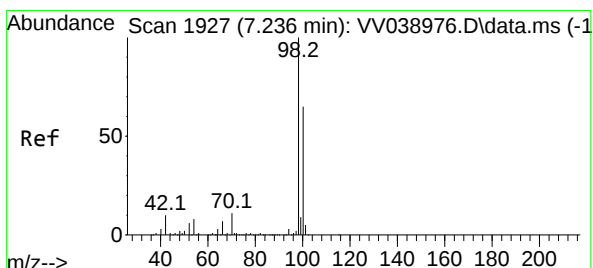
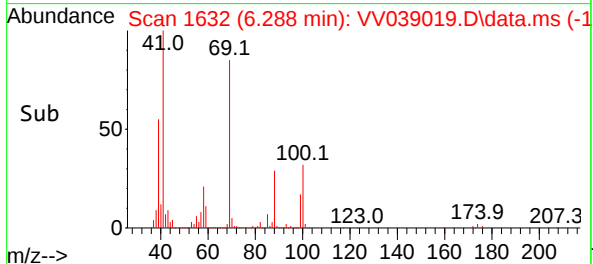
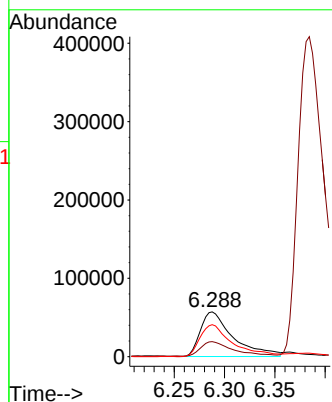
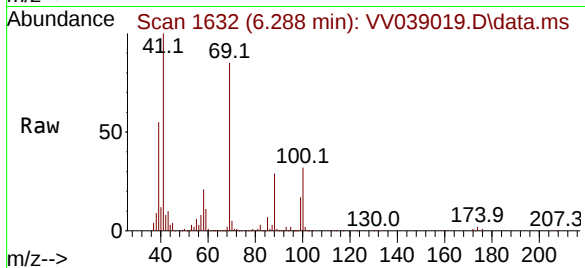
Tgt Ion: 88 Resp: 128546

Ion Ratio Lower Upper

88 100

43 32.1 24.6 36.8

58 72.2 51.8 77.6



#50

Toluene-d8

Concen: 49.137 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV039019.D

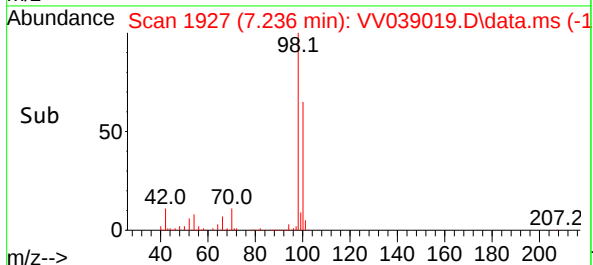
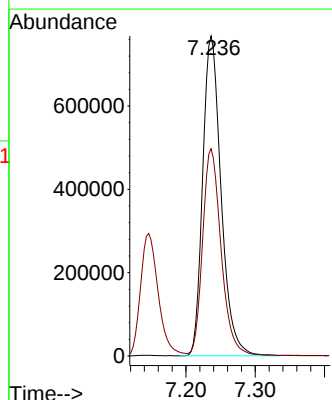
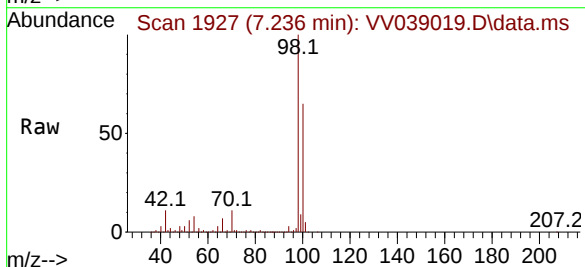
Acq: 22 Aug 2025 15:49

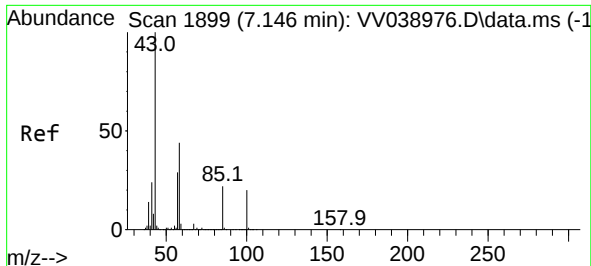
Tgt Ion: 98 Resp: 1414883

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

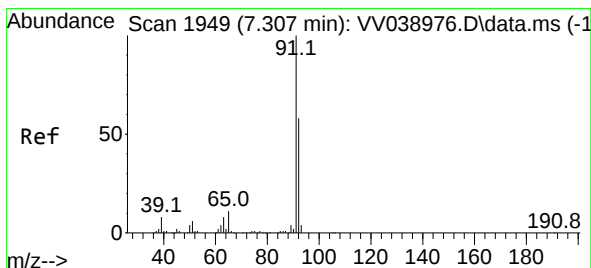
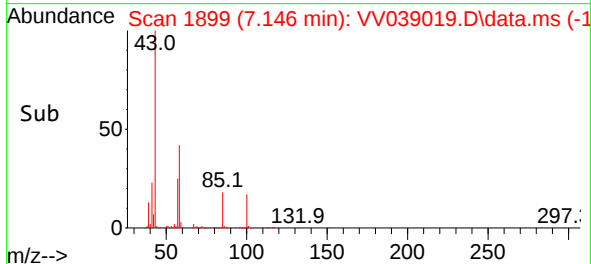
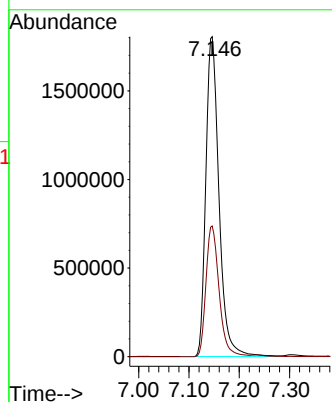
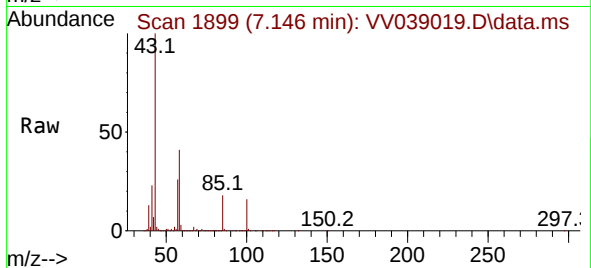




#51
4-Methyl-2-Pentanone
Concen: 313.037 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

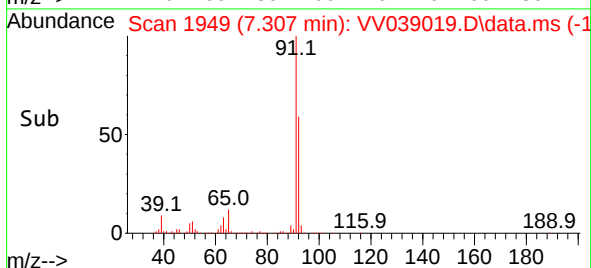
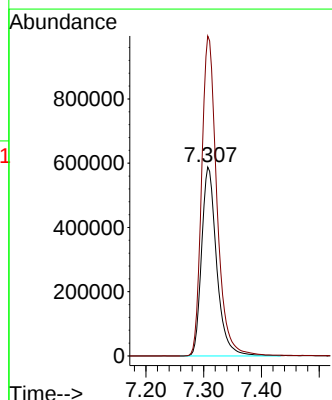
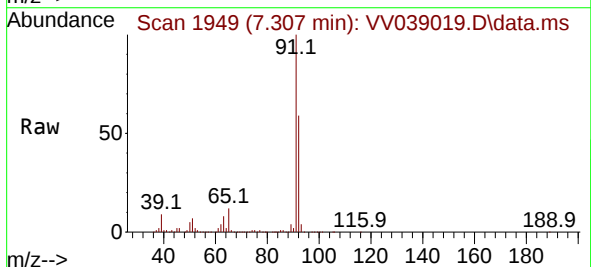
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

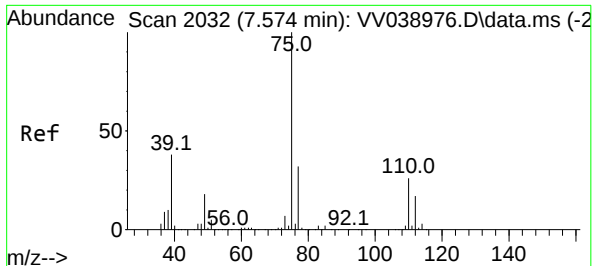
Tgt Ion: 43 Resp: 3285963
Ion Ratio Lower Upper
43 100
58 40.8 34.6 51.8



#52
Toluene
Concen: 50.079 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 92 Resp: 1065291
Ion Ratio Lower Upper
92 100
91 171.1 136.3 204.5

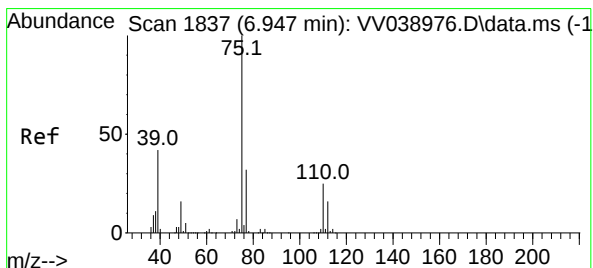
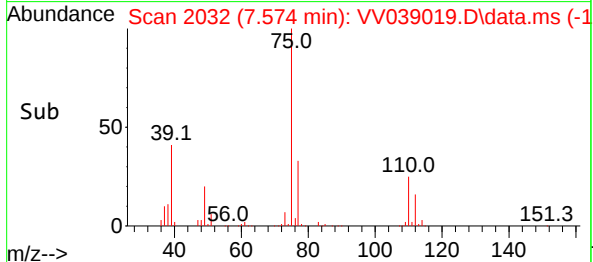
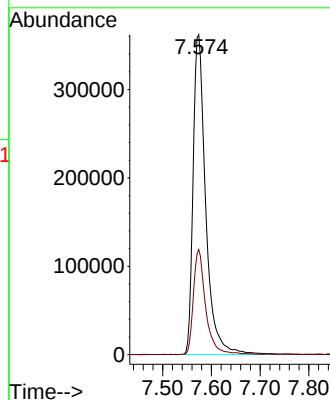
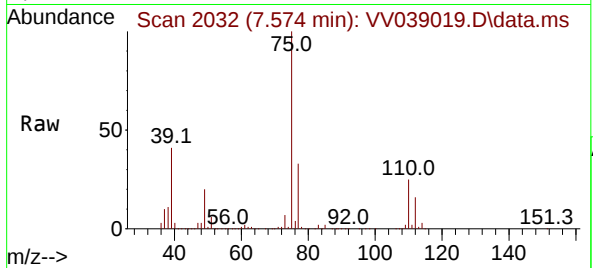




#53
 t-1,3-Dichloropropene
 Concen: 50.626 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

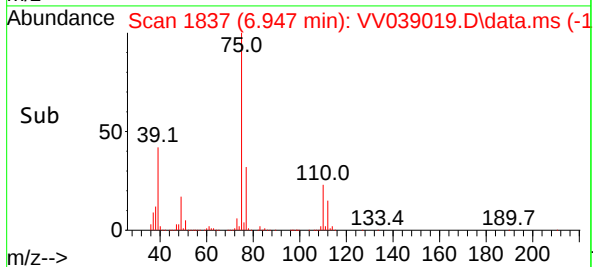
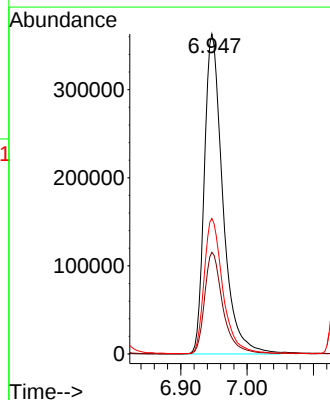
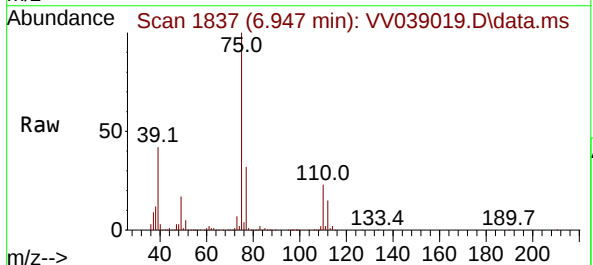
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

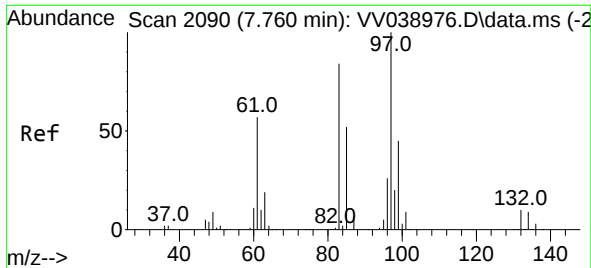
Tgt Ion: 75 Resp: 651036
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.876 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

Tgt Ion: 75 Resp: 704530
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 42.2 33.3 49.9

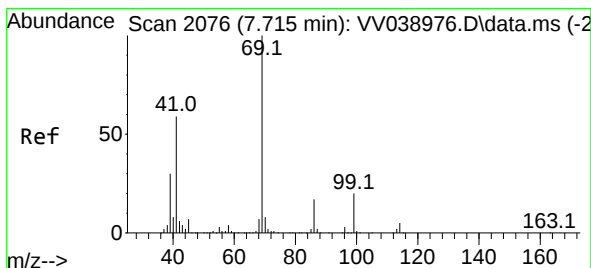
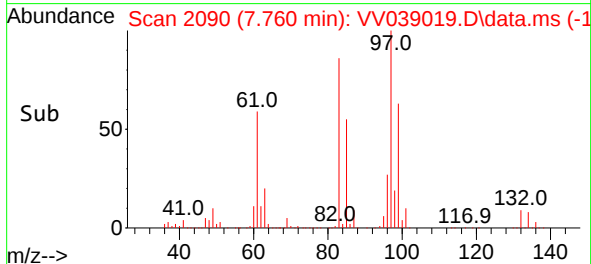
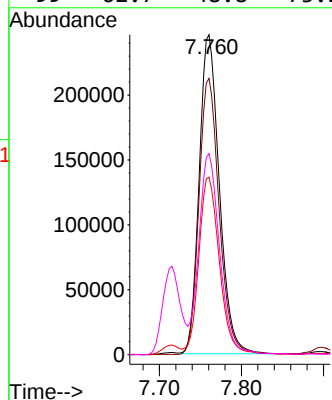
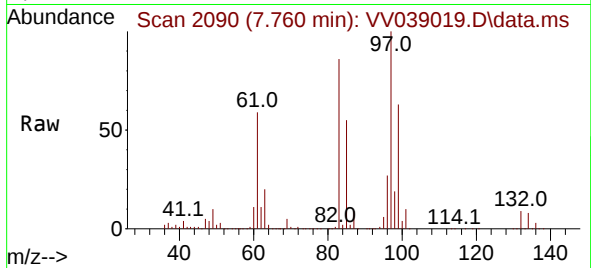




#55
1,1,2-Trichloroethane
Concen: 45.199 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

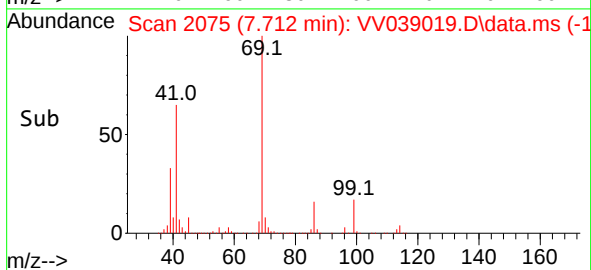
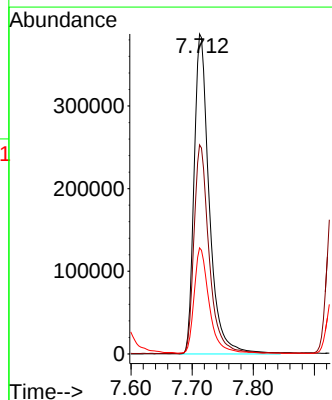
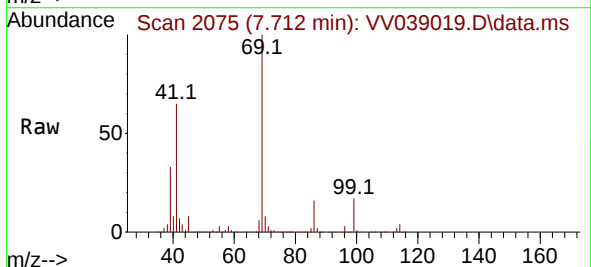
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

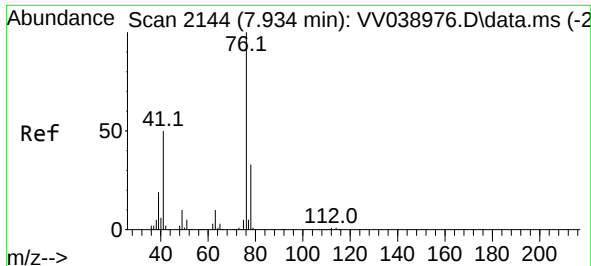
Tgt Ion:	97	Resp:	419216
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.2	100.8
85	55.4	42.7	64.1
99	62.7	48.8	73.2



#56
Ethyl methacrylate
Concen: 47.584 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:	69	Resp:	666790
Ion	Ratio	Lower	Upper
69	100		
41	65.5	47.5	71.3
39	32.5	24.2	36.2





#57

1,3-Dichloropropane

Concen: 49.002 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

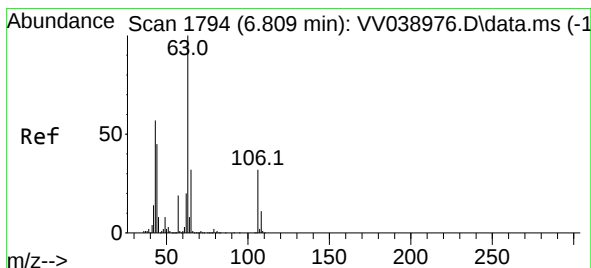
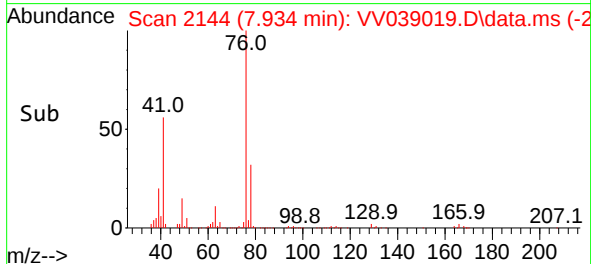
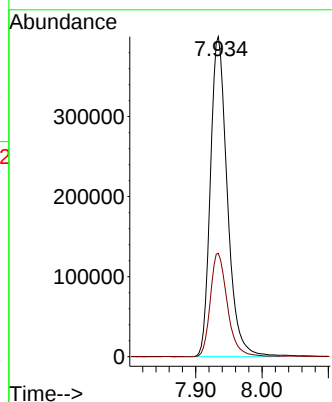
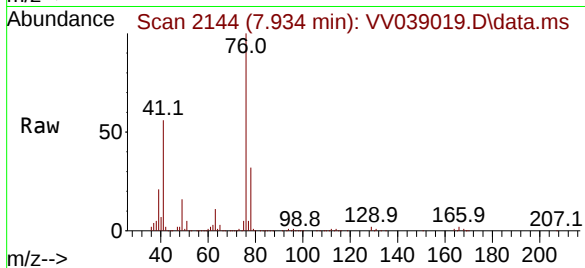
VSTDCCC050EC

Tgt Ion: 76 Resp: 708694

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.775 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039019.D

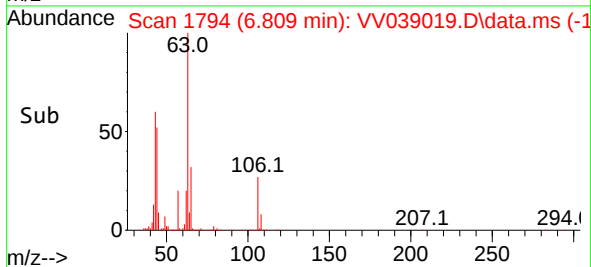
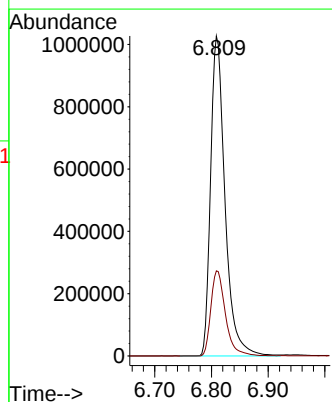
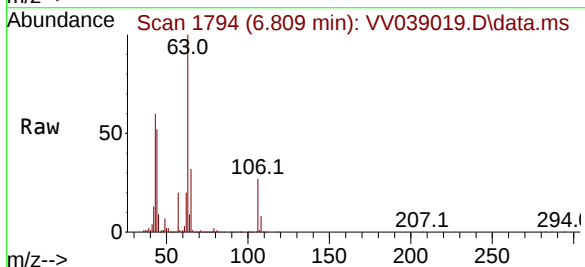
Acq: 22 Aug 2025 15:49

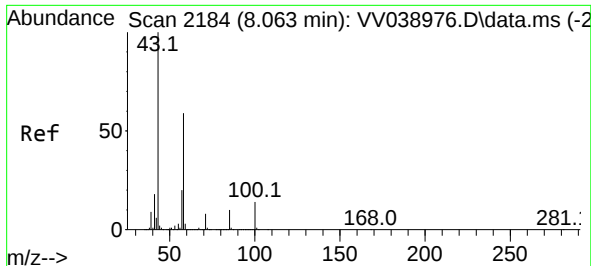
Tgt Ion: 63 Resp: 1812877

Ion Ratio Lower Upper

63 100

106 27.0 25.6 38.4

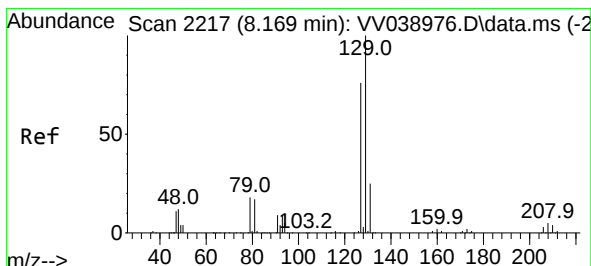
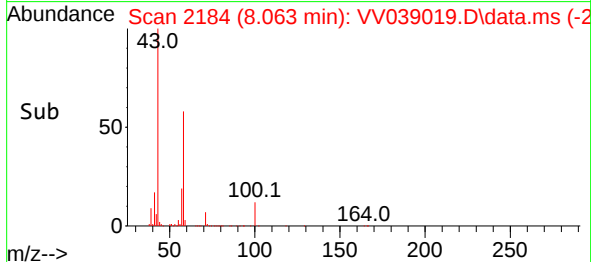
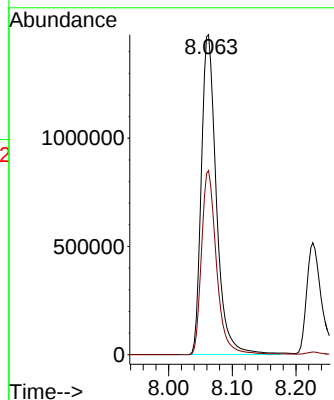
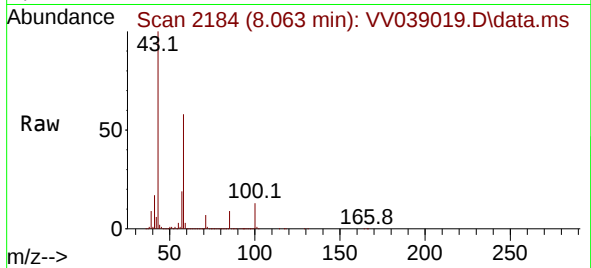




#59
2-Hexanone
Concen: 247.558 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

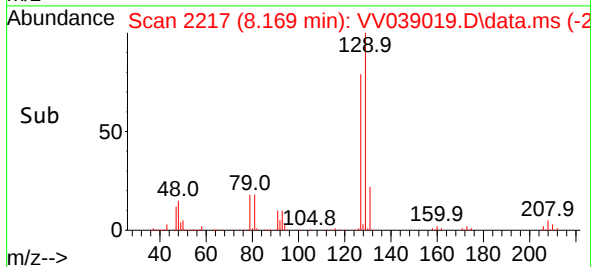
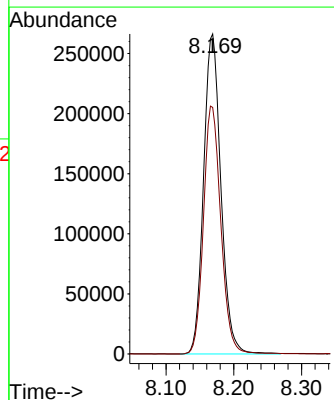
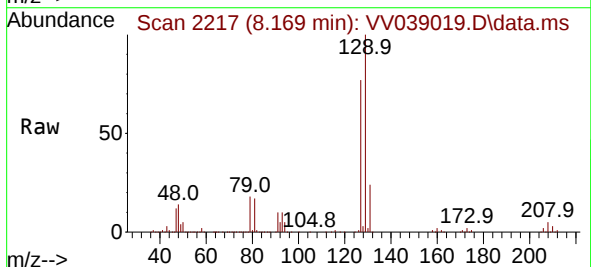
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

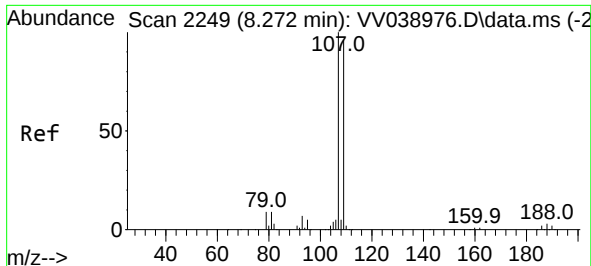
Tgt Ion: 43 Resp: 2434601
Ion Ratio Lower Upper
43 100
58 57.2 29.8 89.4



#60
Dibromochloromethane
Concen: 42.295 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:129 Resp: 473668
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1

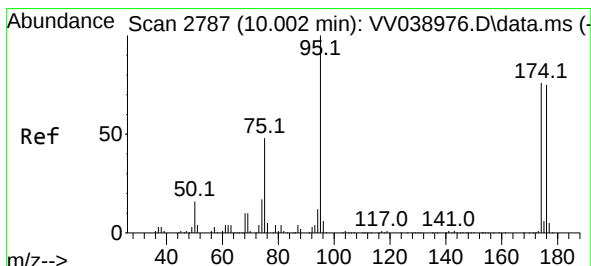
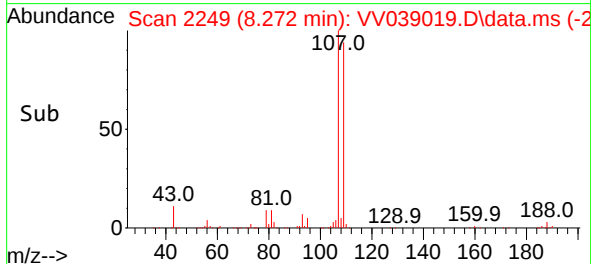
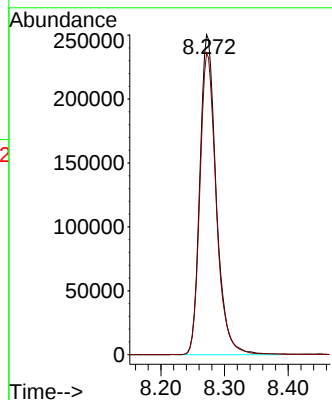
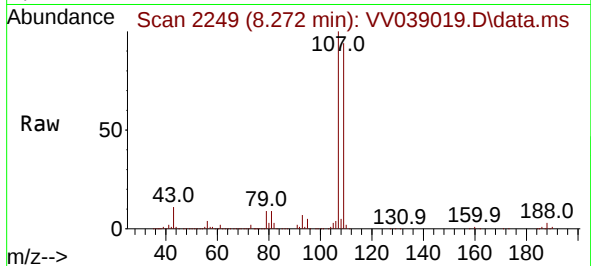




#61
1,2-Dibromoethane
Concen: 46.463 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

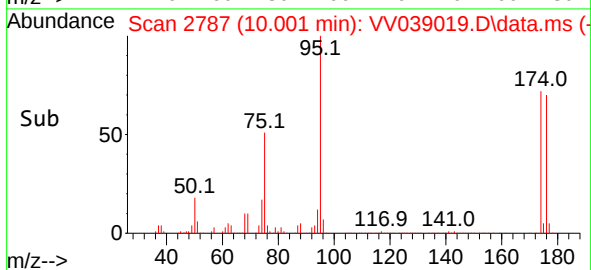
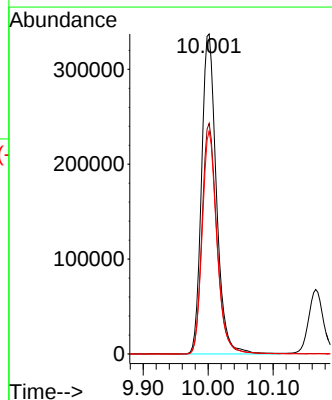
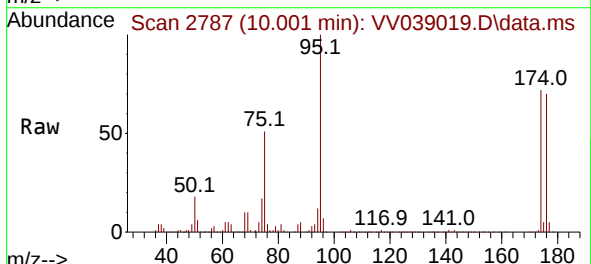
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

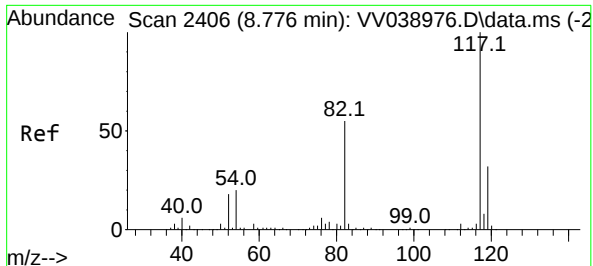
Tgt Ion:107 Resp: 447083
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.995 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 95 Resp: 537167
Ion Ratio Lower Upper
95 100
174 71.8 0.0 154.4
176 68.9 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: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

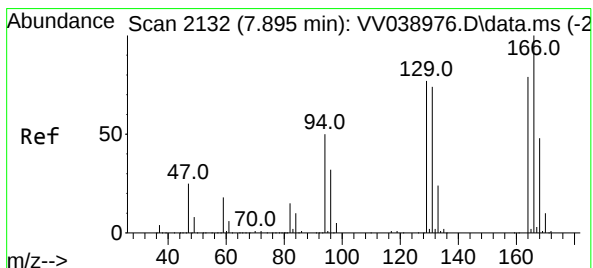
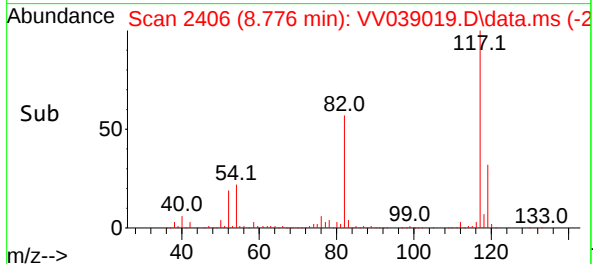
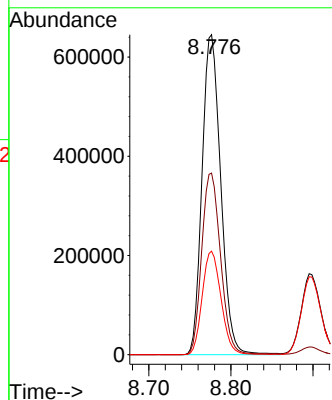
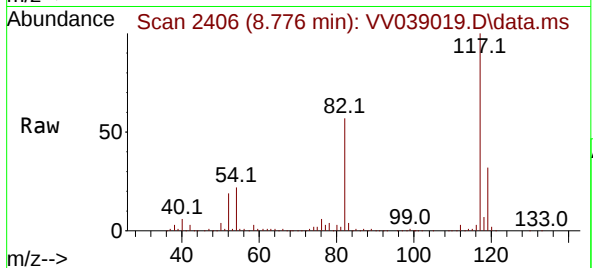
Tgt Ion:117 Resp: 1023175

Ion Ratio Lower Upper

117 100

82 56.7 44.4 66.6

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 43.628 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Tgt Ion:164 Resp: 332157

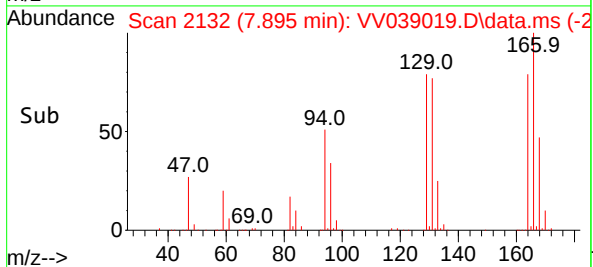
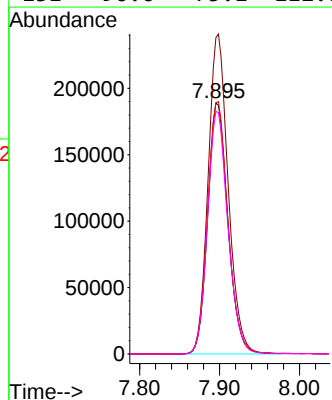
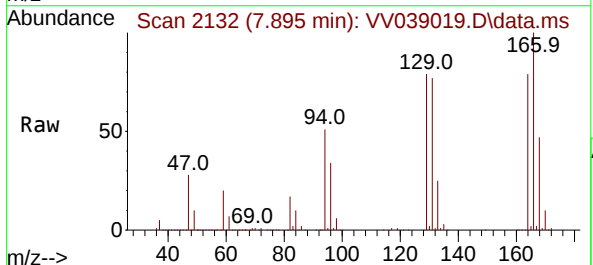
Ion Ratio Lower Upper

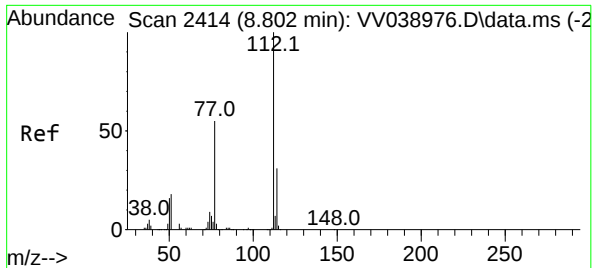
164 100

166 126.1 101.8 152.6

129 100.2 78.7 118.1

131 96.6 75.1 112.7

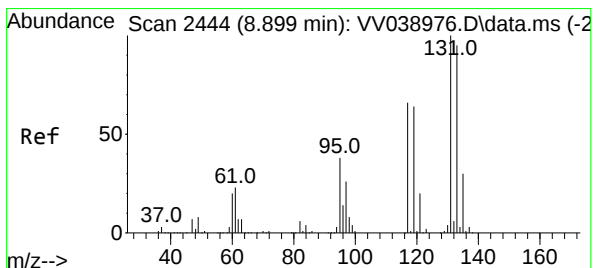
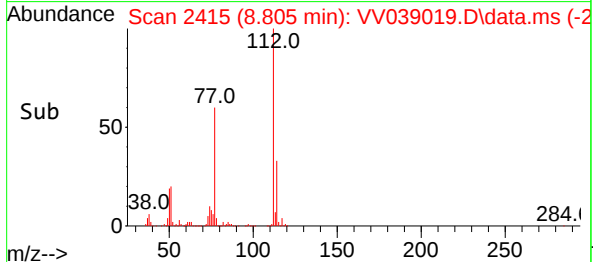
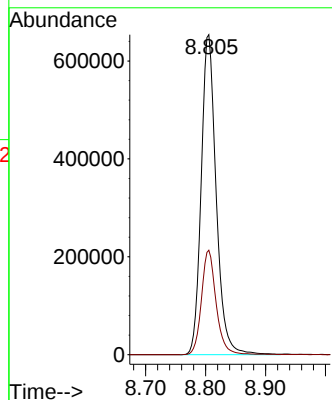
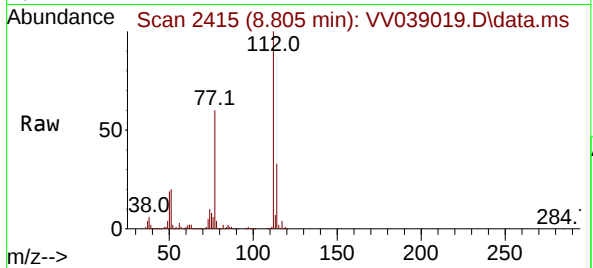




#65
Chlorobenzene
Concen: 46.199 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

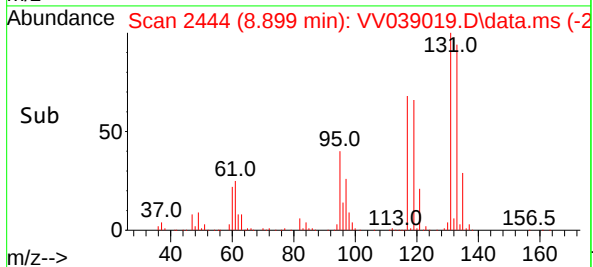
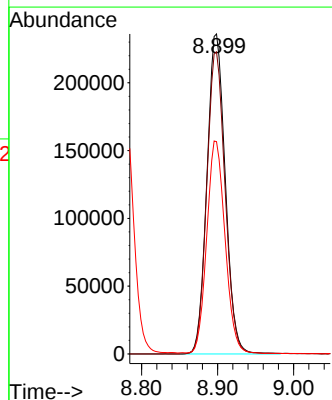
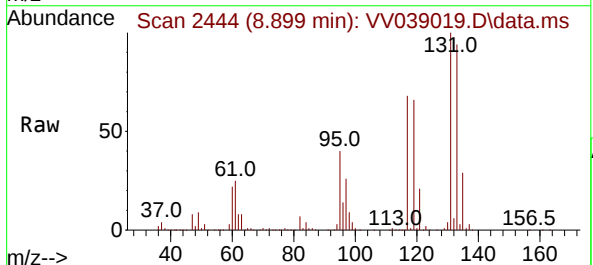
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

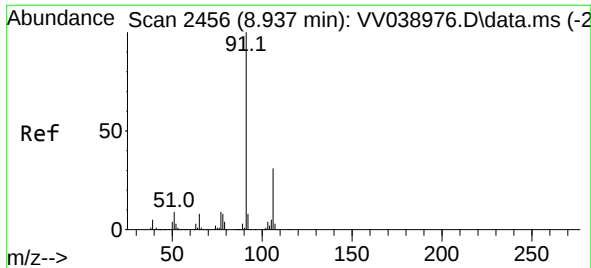
Tgt Ion:112 Resp: 1139706
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 44.711 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:131 Resp: 395956
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 66.1 32.1 96.3

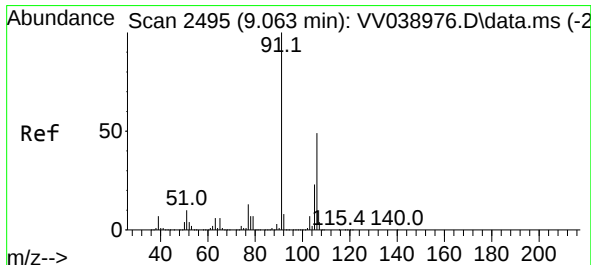
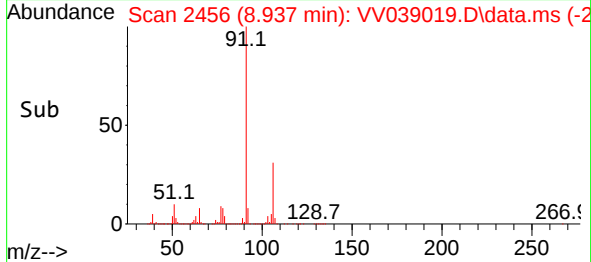
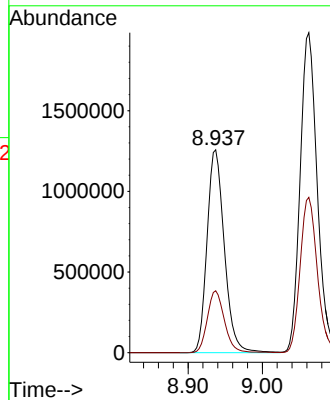
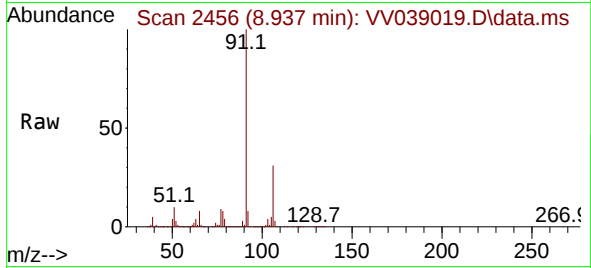




#67
Ethyl Benzene
Concen: 53.930 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

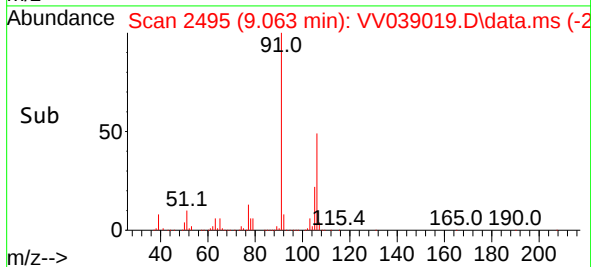
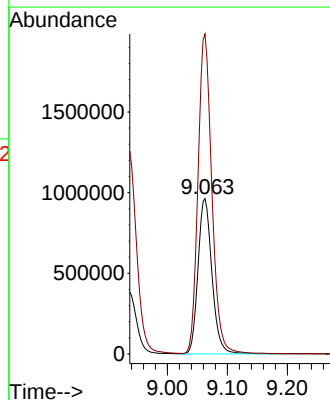
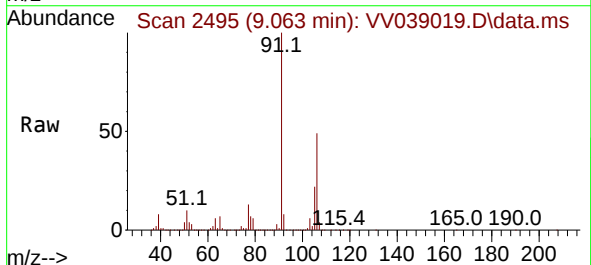
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

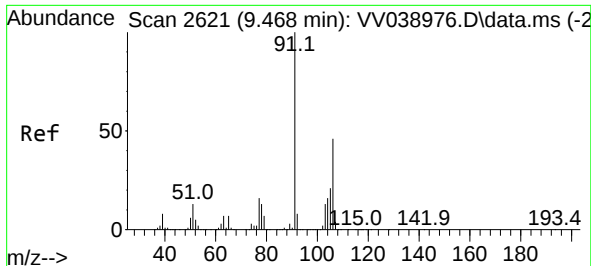
Tgt Ion: 91 Resp: 2031046
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 106.362 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:106 Resp: 1555690
Ion Ratio Lower Upper
106 100
91 205.2 163.6 245.4





#69

o-Xylene

Concen: 55.208 ug/l

RT: 9.468 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

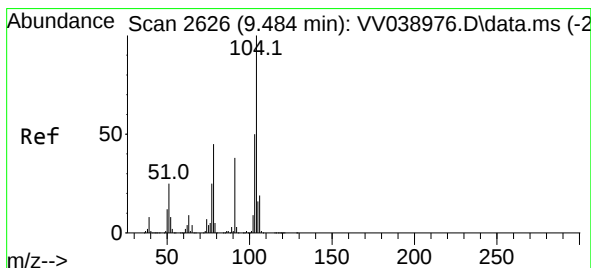
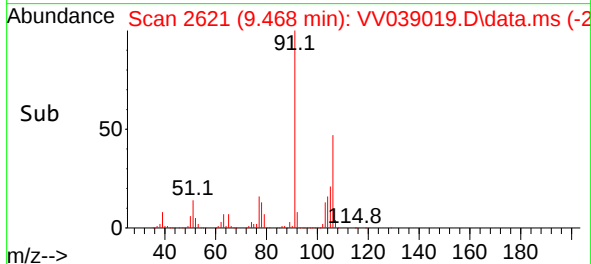
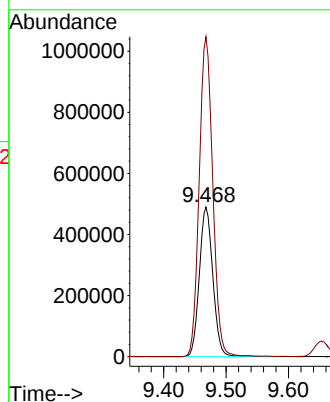
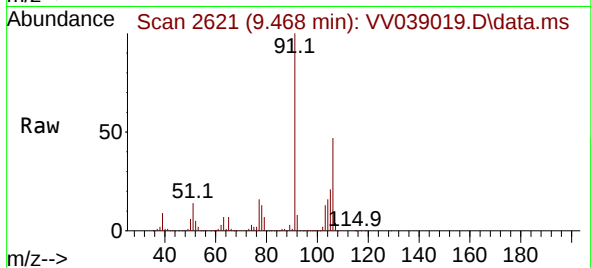
VSTDCCC050EC

Tgt Ion:106 Resp: 735998

Ion Ratio Lower Upper

106 100

91 214.4 108.0 324.0



#70

Styrene

Concen: 55.979 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

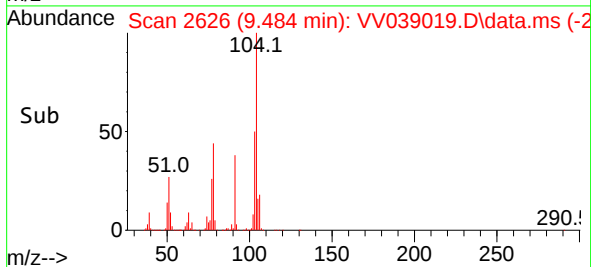
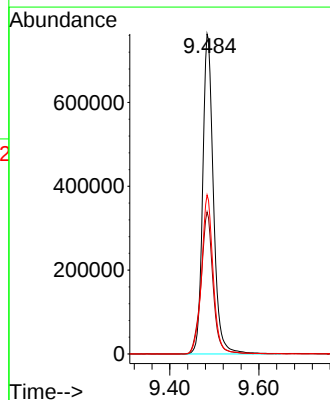
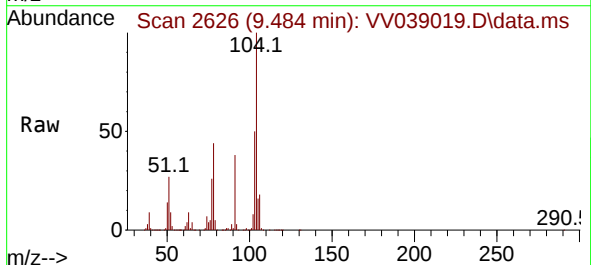
Tgt Ion:104 Resp: 1280329

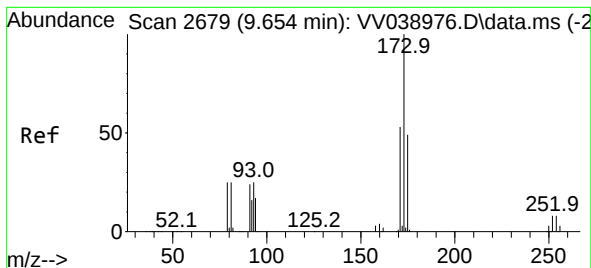
Ion Ratio Lower Upper

104 100

78 49.3 39.8 59.8

103 54.0 43.5 65.3





#71

Bromoform

Concen: 44.013 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

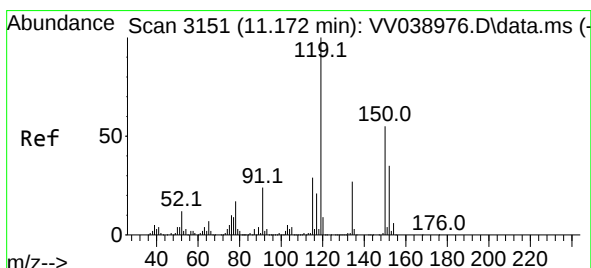
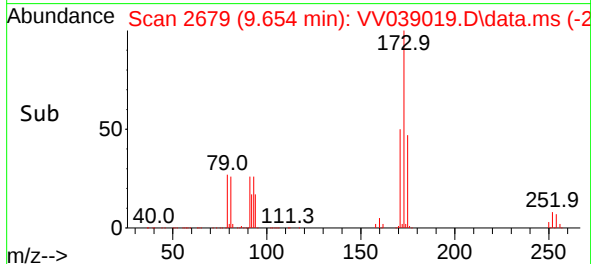
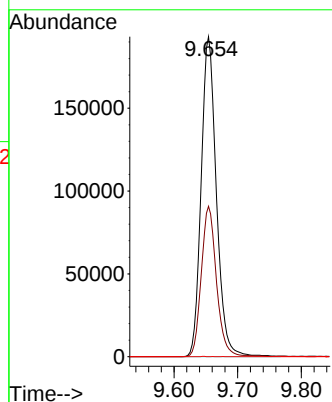
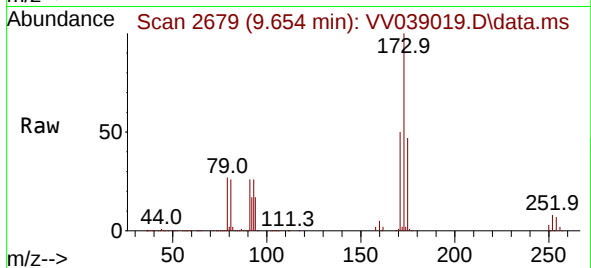
Tgt Ion:173 Resp: 321141

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

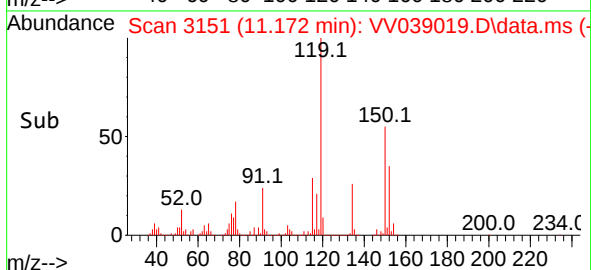
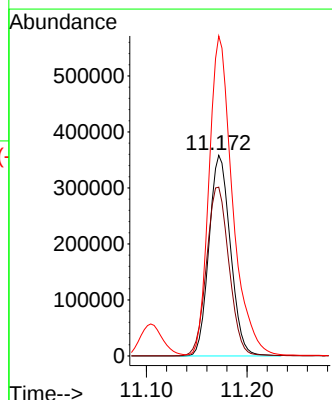
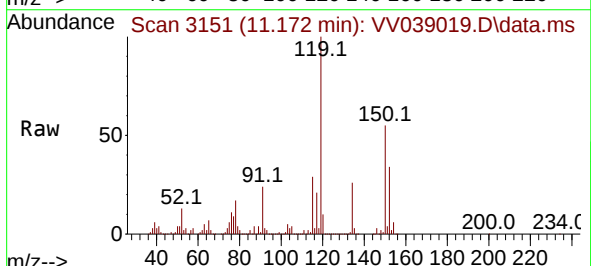
Tgt Ion:152 Resp: 529580

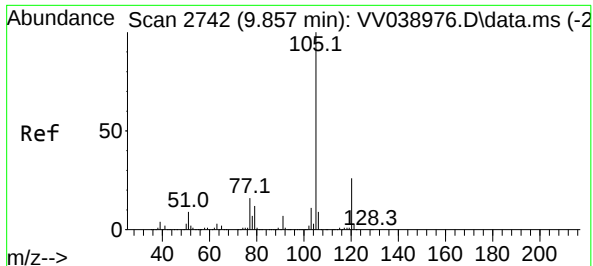
Ion Ratio Lower Upper

152 100

115 88.1 42.5 127.5

150 175.1 0.0 344.8

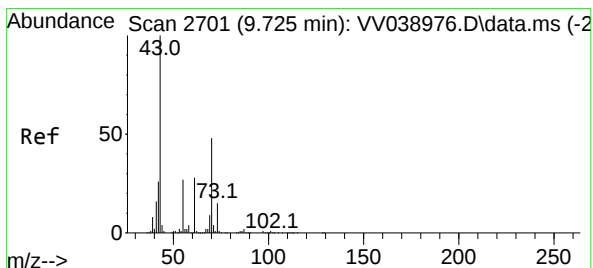
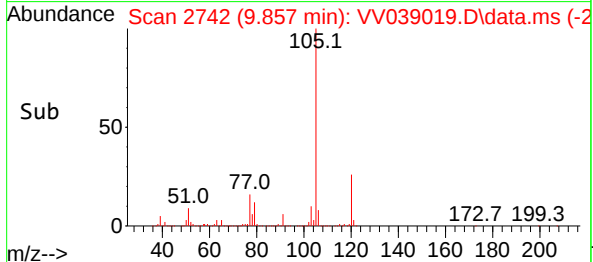
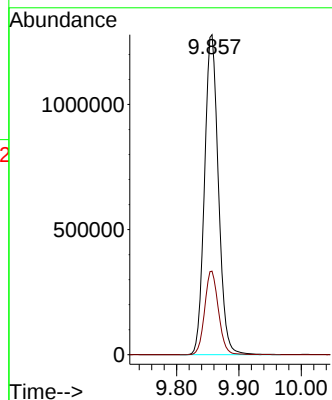
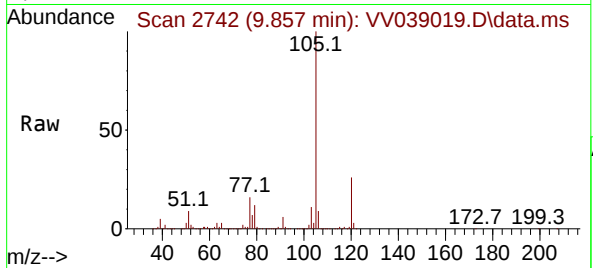




#73
Isopropylbenzene
Concen: 55.757 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

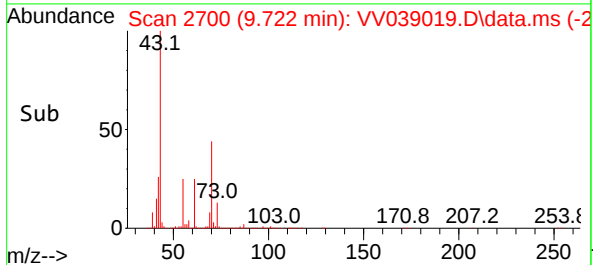
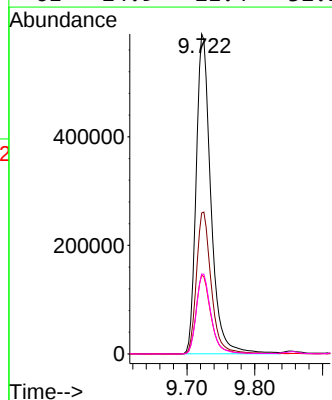
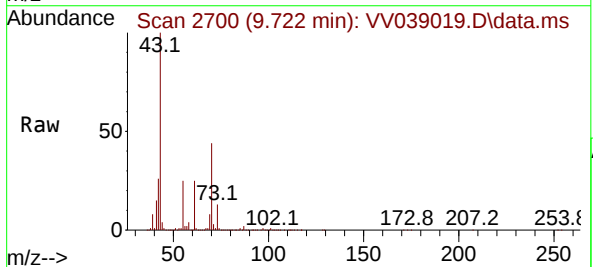
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

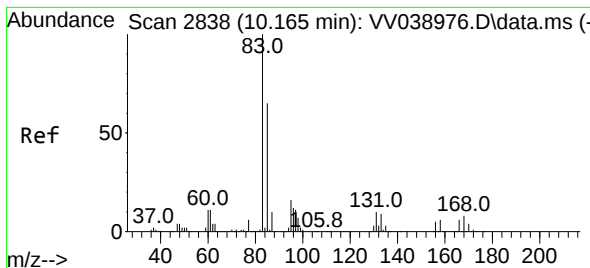
Tgt Ion:105 Resp: 1981410
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 68.332 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 43 Resp: 889655
Ion Ratio Lower Upper
43 100
70 44.7 38.3 57.5
55 24.8 21.6 32.4
61 24.9 21.4 32.2

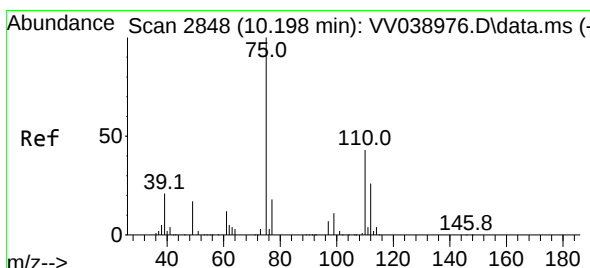
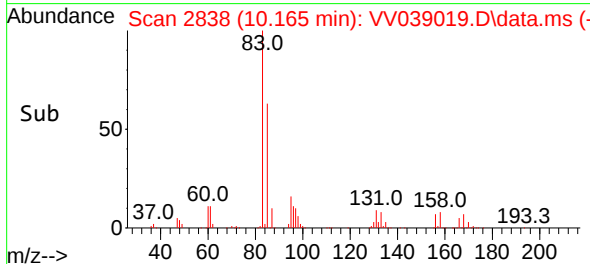
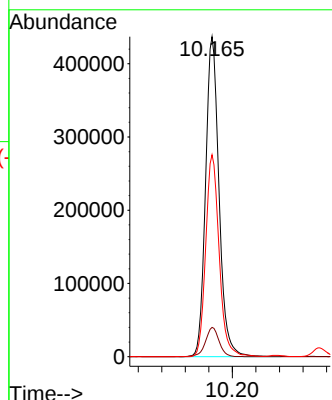
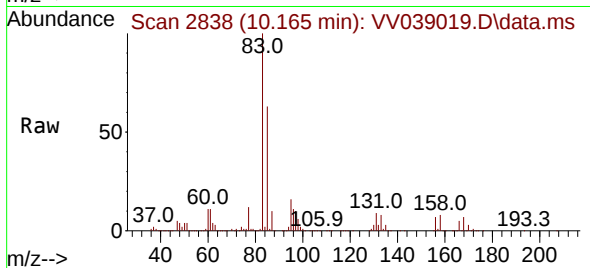




#75
 1,1,2-Tetrachloroethane
 Concen: 49.040 ug/l
 RT: 10.165 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

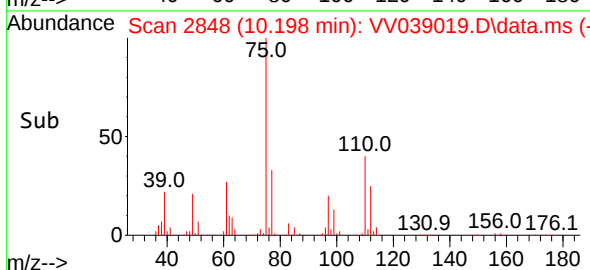
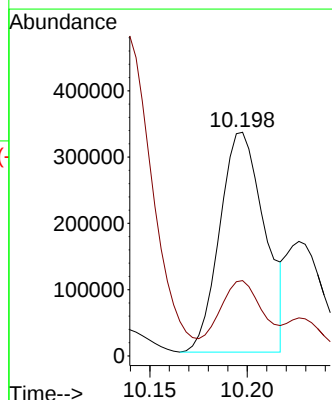
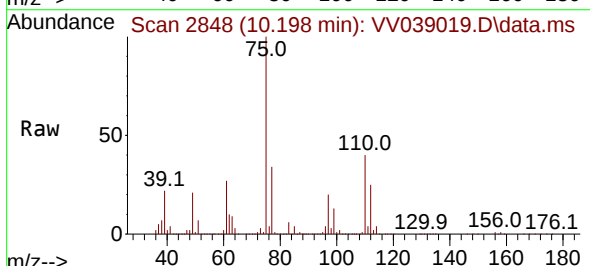
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

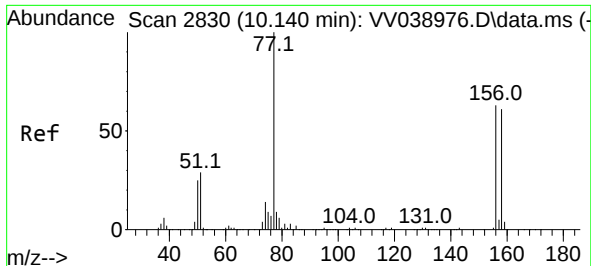
Tgt Ion: 83 Resp: 692102
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.3 15.9
 85 63.2 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 54.283 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV039019.D
 Acq: 22 Aug 2025 15:49

Tgt Ion: 75 Resp: 533227
 Ion Ratio Lower Upper
 75 100
 77 22.4 11.3 33.8

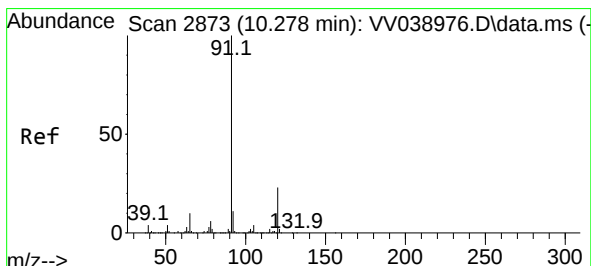
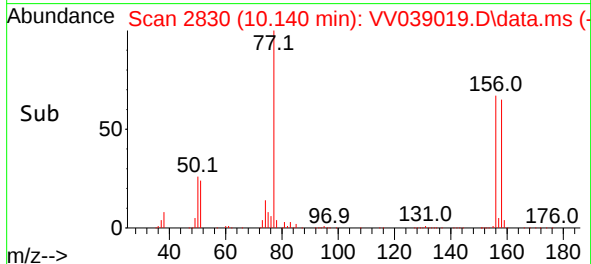
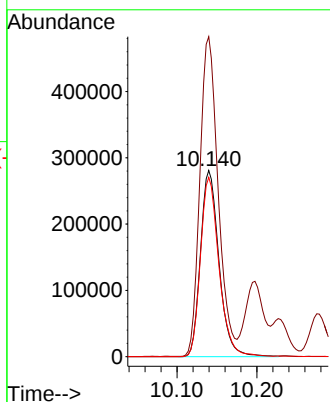
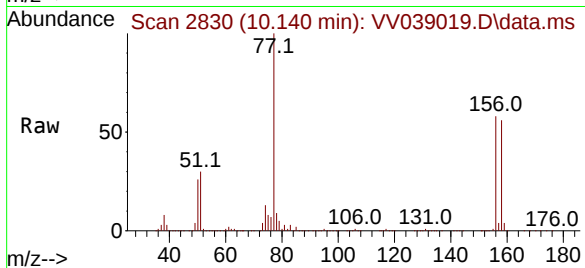




#77
Bromobenzene
Concen: 49.607 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

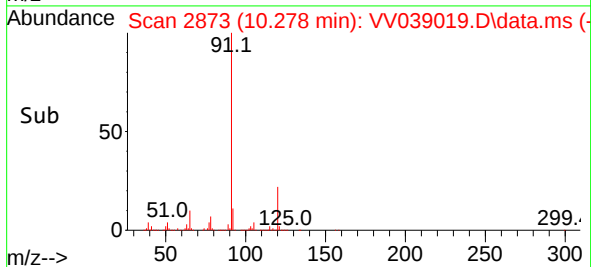
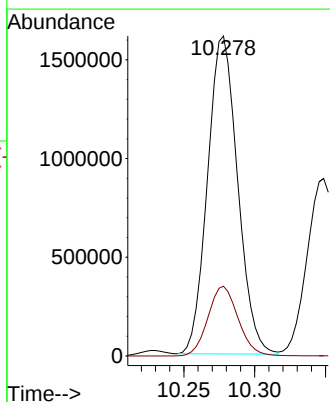
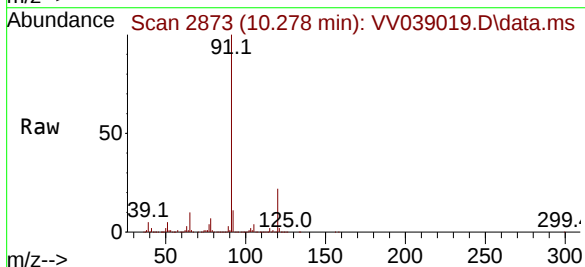
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

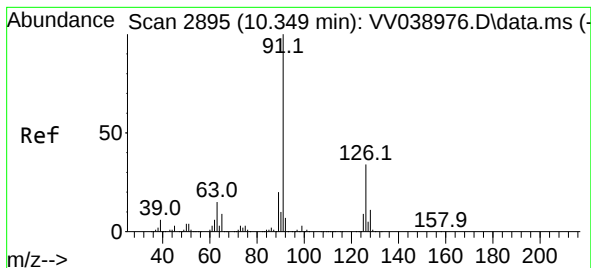
Tgt Ion:156 Resp: 452926
Ion Ratio Lower Upper
156 100
77 169.6 79.0 237.0
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 56.176 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 91 Resp: 2383469
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.757 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

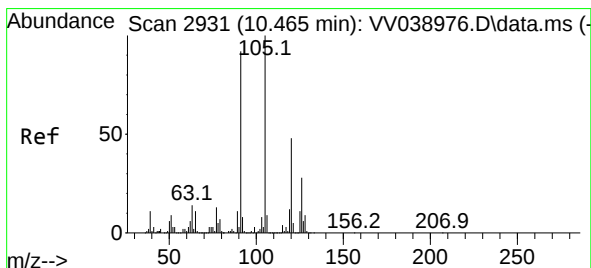
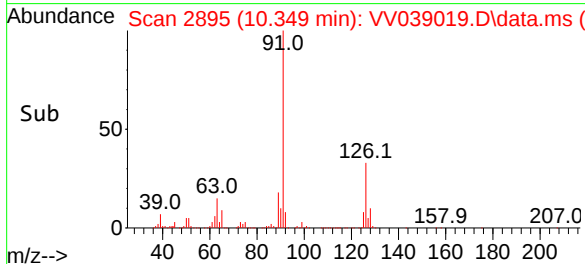
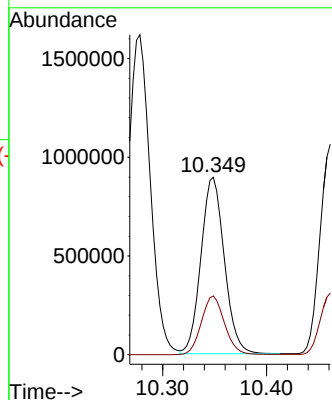
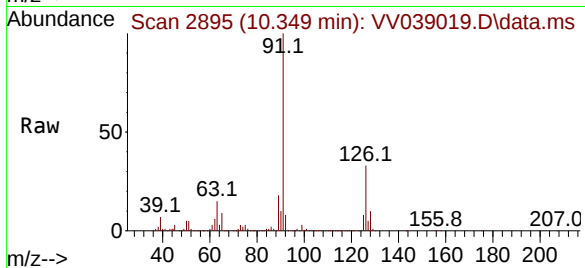
VSTDCCC050EC

Tgt Ion: 91 Resp: 1394911

Ion Ratio Lower Upper

91 100

126 32.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 55.188 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039019.D

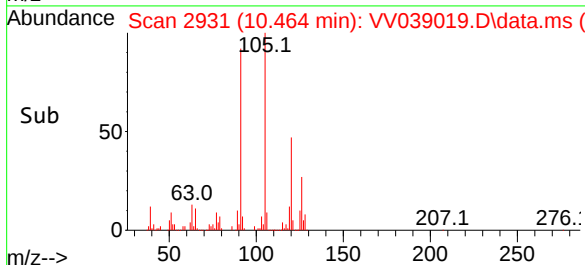
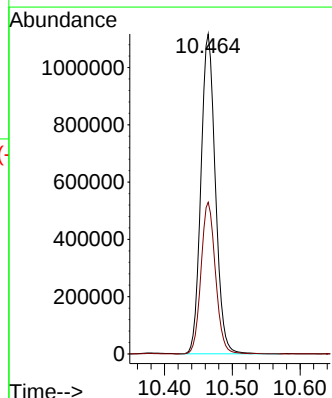
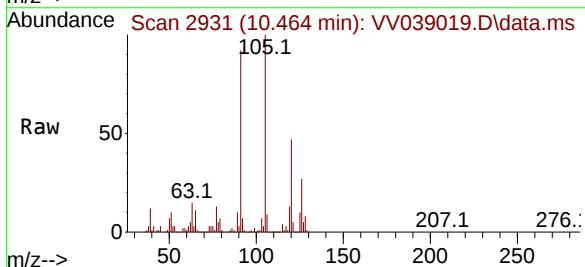
Acq: 22 Aug 2025 15:49

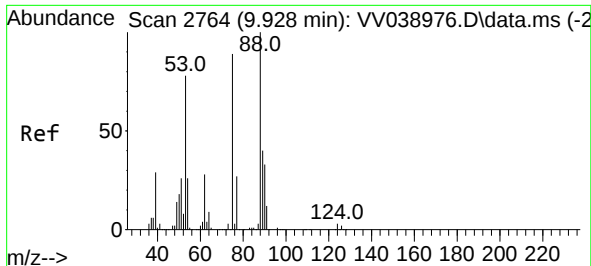
Tgt Ion:105 Resp: 1650430

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7

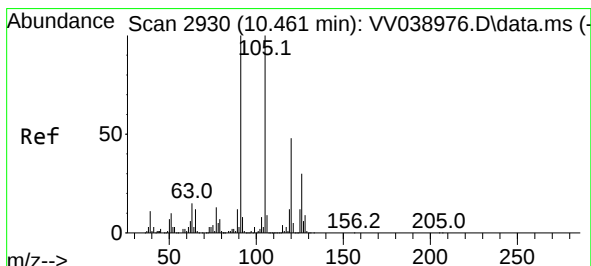
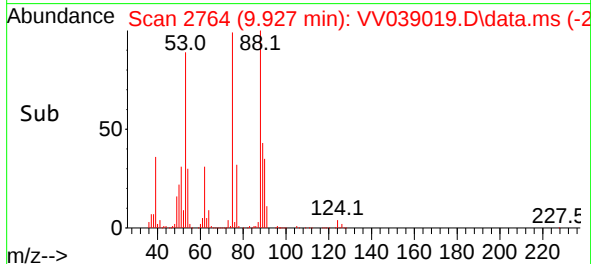
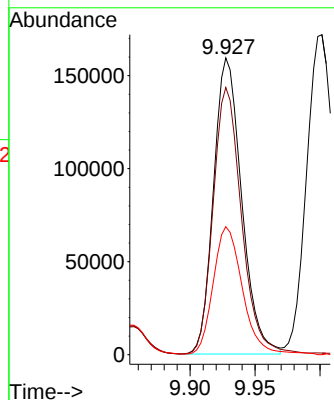
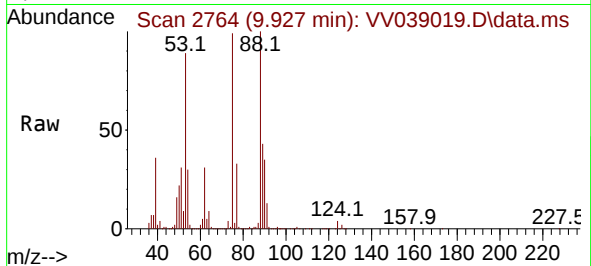




#81
trans-1,4-Dichloro-2-butene
Concen: 55.955 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

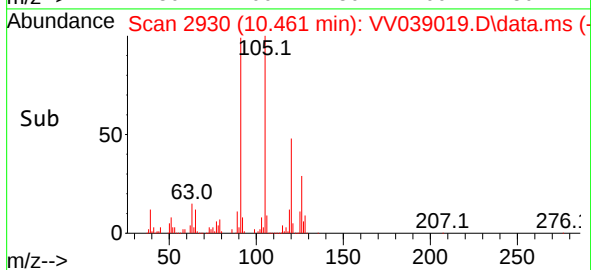
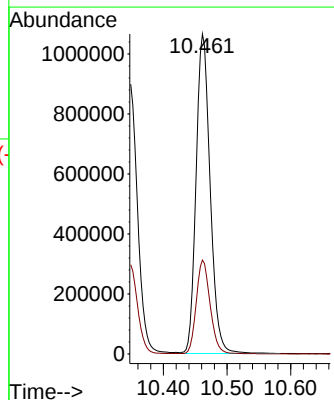
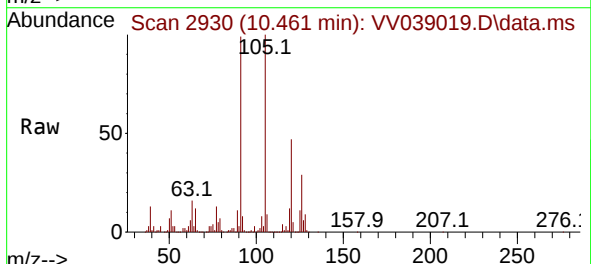
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

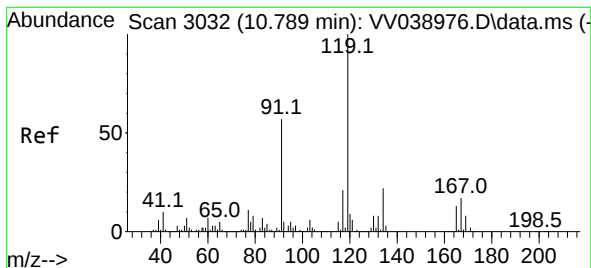
Tgt Ion: 75 Resp: 239404
Ion Ratio Lower Upper
75 100
53 90.8 70.3 105.5
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.667 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion: 91 Resp: 1634475
Ion Ratio Lower Upper
91 100
126 28.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 54.772 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

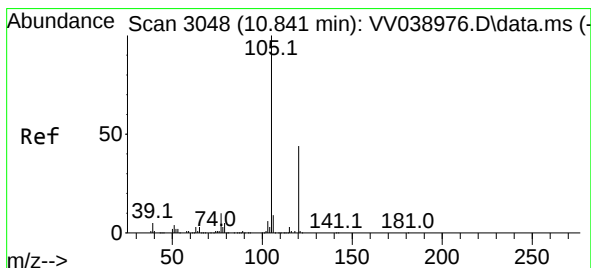
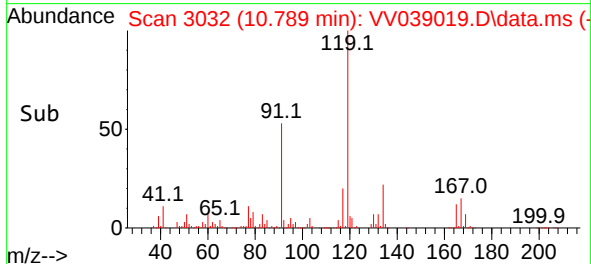
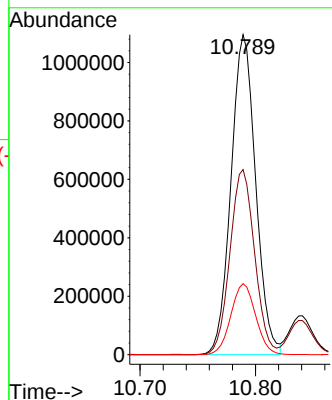
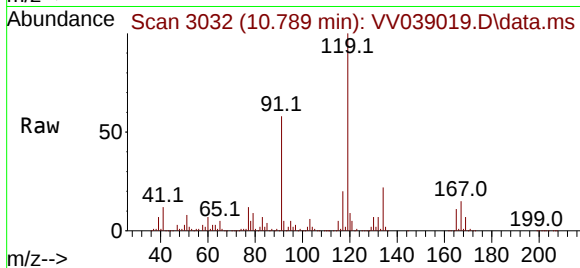
Tgt Ion:119 Resp: 1626476

Ion Ratio Lower Upper

119 100

91 57.8 28.4 85.3

134 22.4 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 56.900 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VV039019.D

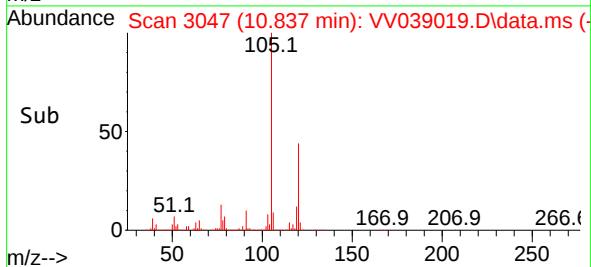
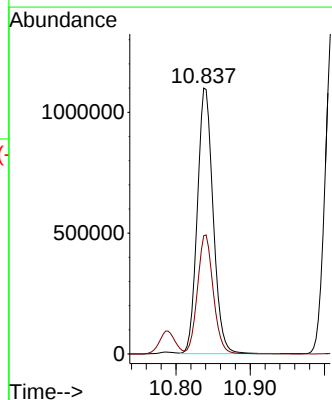
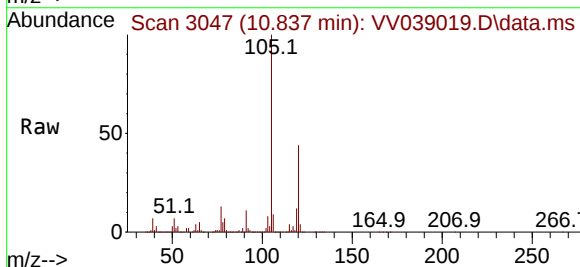
Acq: 22 Aug 2025 15:49

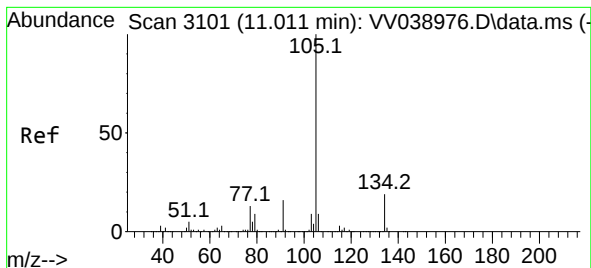
Tgt Ion:105 Resp: 1628413

Ion Ratio Lower Upper

105 100

120 44.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.883 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

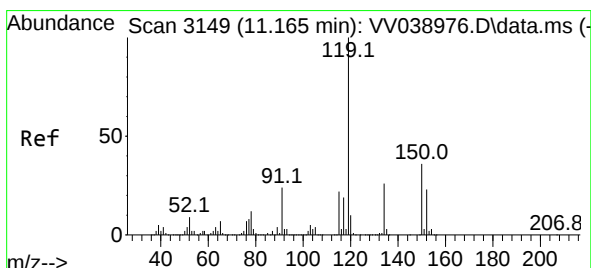
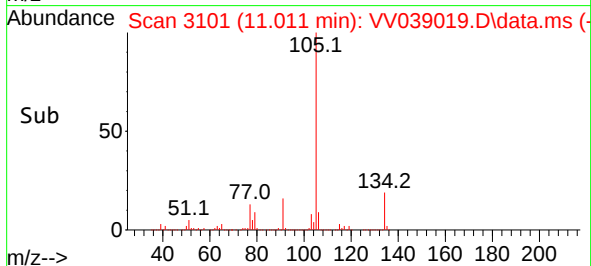
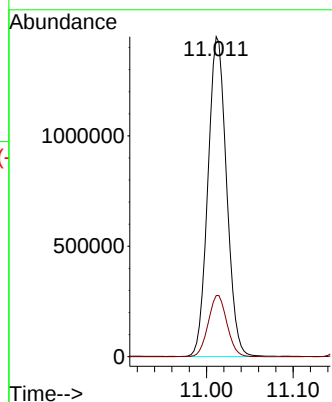
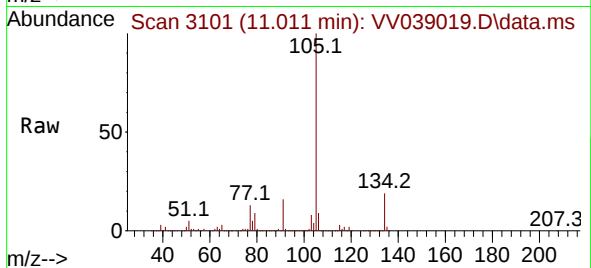
VSTDCCC050EC

Tgt Ion:105 Resp: 2158168

Ion Ratio Lower Upper

105 100

134 19.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 54.403 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

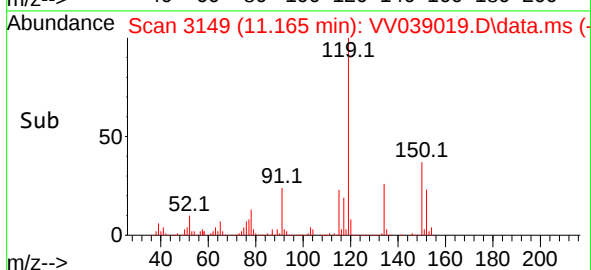
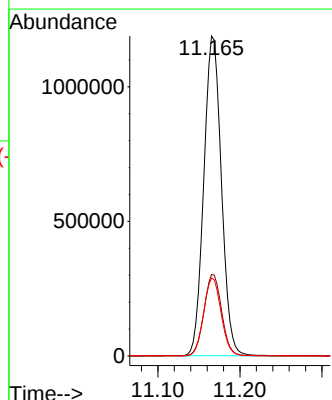
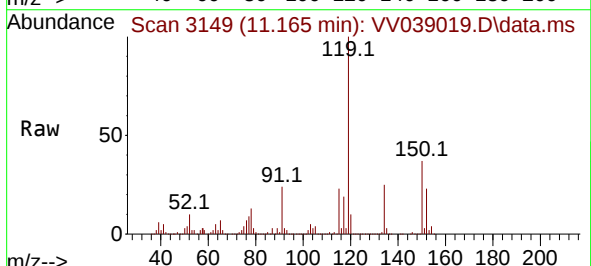
Tgt Ion:119 Resp: 1769363

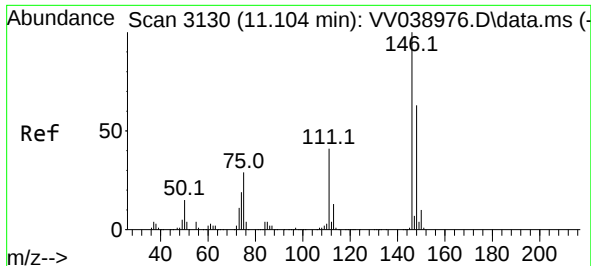
Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

91 24.2 12.4 37.0

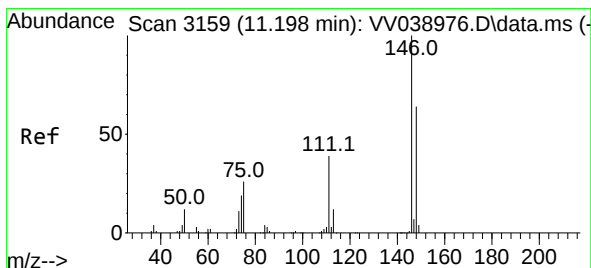
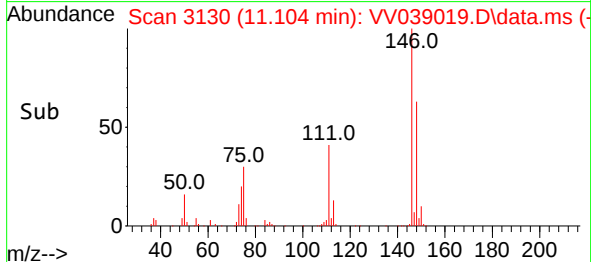
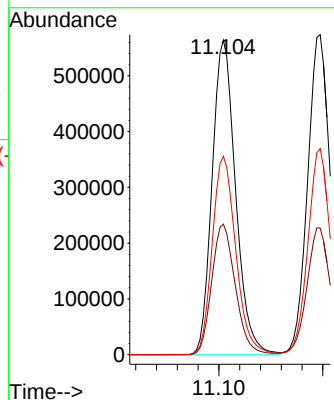
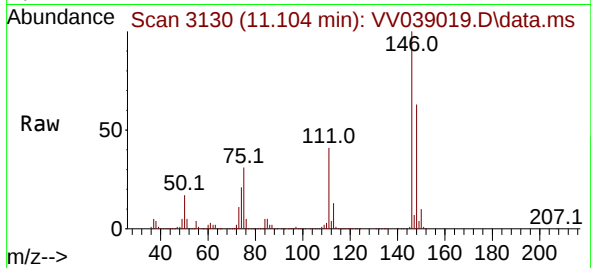




#87
1,3-Dichlorobenzene
Concen: 49.094 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

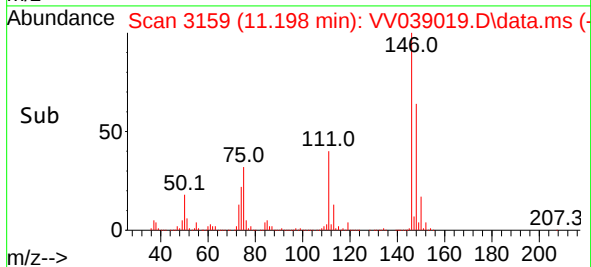
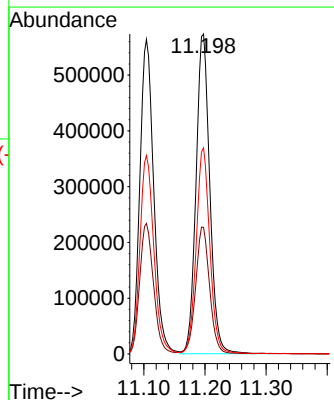
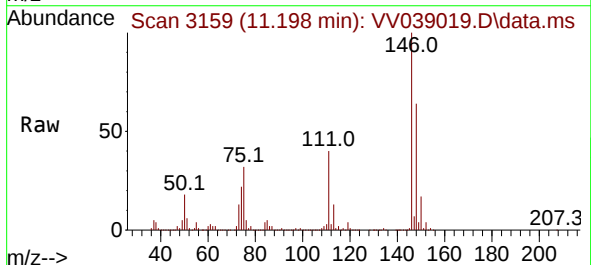
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

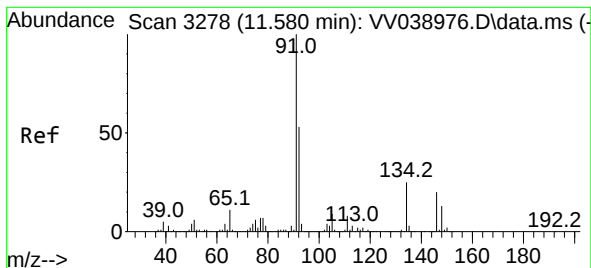
Tgt Ion:146 Resp: 885119
Ion Ratio Lower Upper
146 100
111 41.7 20.5 61.6
148 63.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 46.584 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:146 Resp: 895882
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 55.251 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

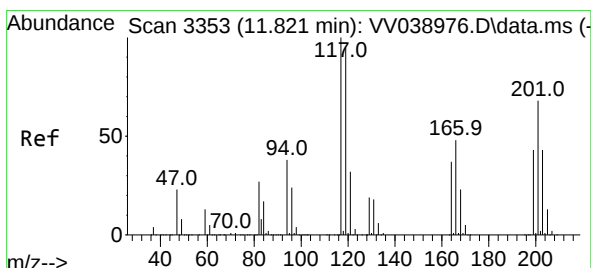
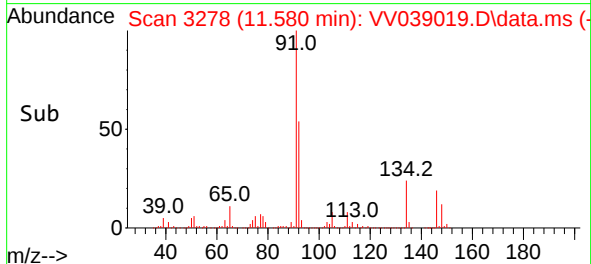
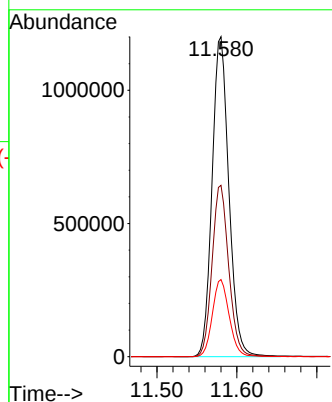
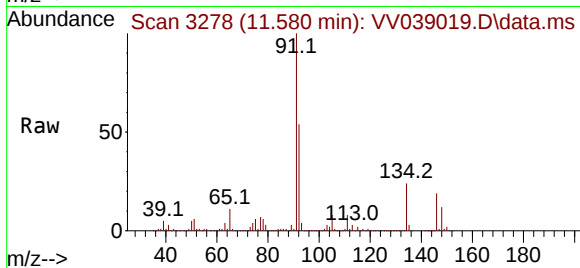
MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1750686

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	24.2	12.6	37.8



#90

Hexachloroethane

Concen: 44.724 ug/l

RT: 11.818 min Scan# 3352

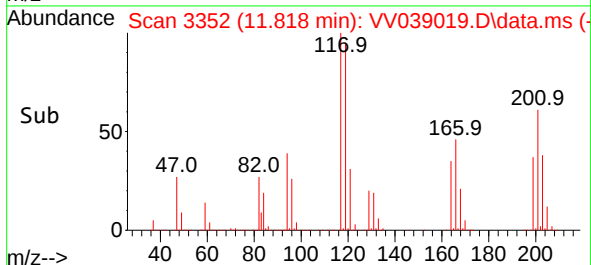
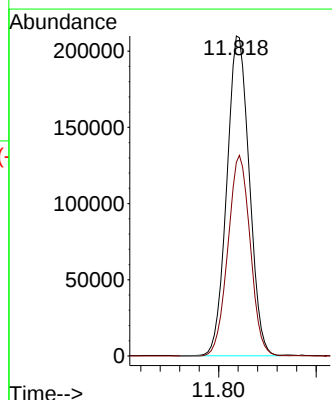
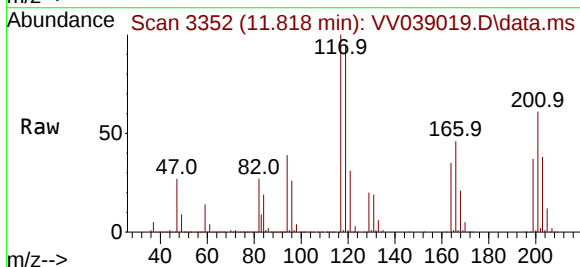
Delta R.T. -0.003 min

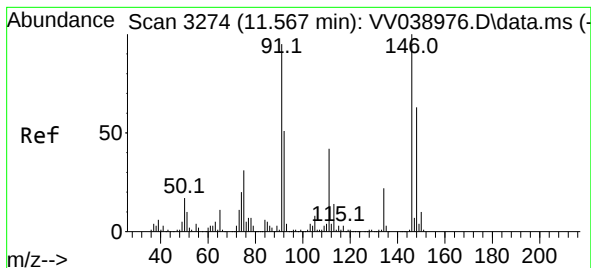
Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Tgt Ion: 117 Resp: 336160

Ion	Ratio	Lower	Upper
117	100		
201	62.3	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 49.204 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

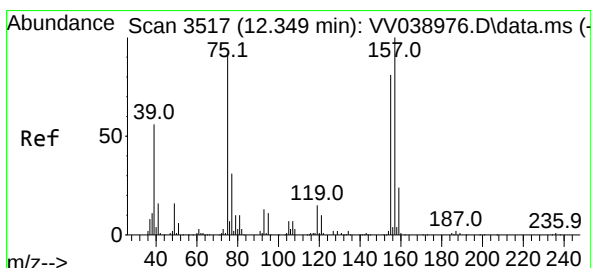
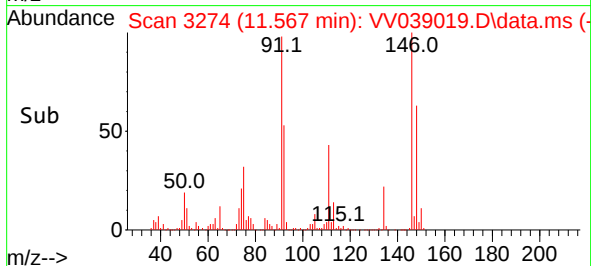
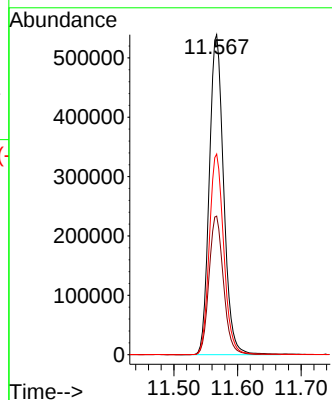
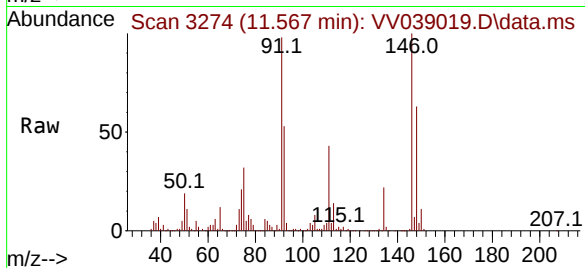
Tgt Ion:146 Resp: 845879

Ion Ratio Lower Upper

146 100

111 43.6 21.1 63.4

148 63.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.859 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039019.D

Acq: 22 Aug 2025 15:49

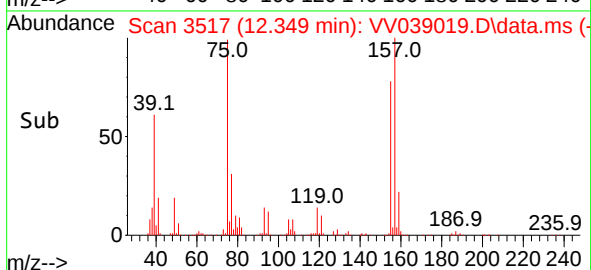
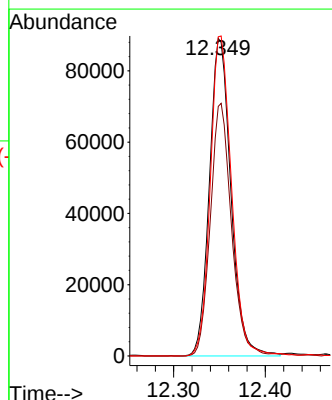
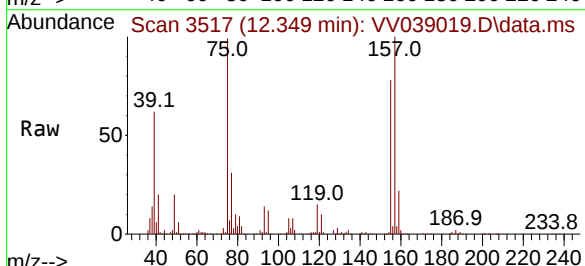
Tgt Ion: 75 Resp: 145088

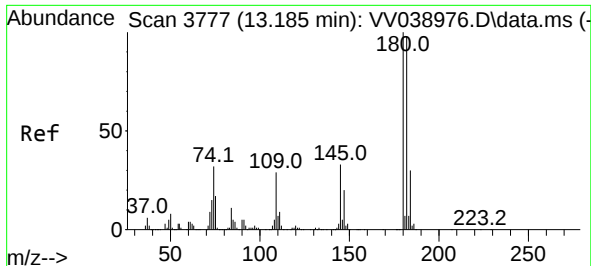
Ion Ratio Lower Upper

75 100

155 78.7 43.7 131.1

157 99.5 54.1 162.3

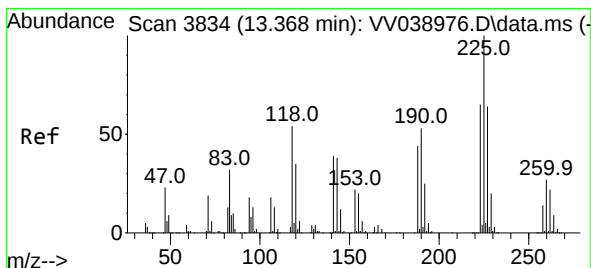
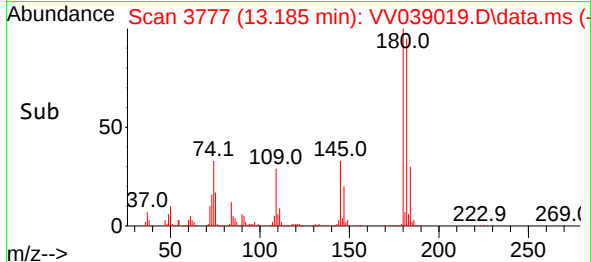
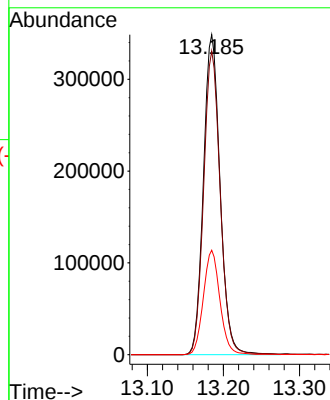
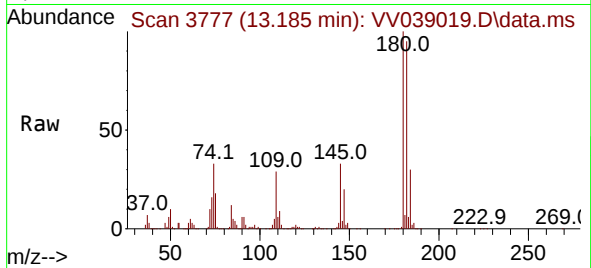




#93
1,2,4-Trichlorobenzene
Concen: 51.530 ug/l
RT: 13.185 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

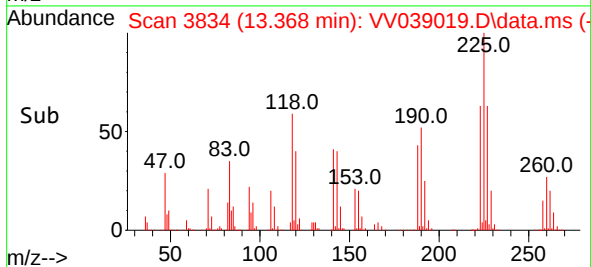
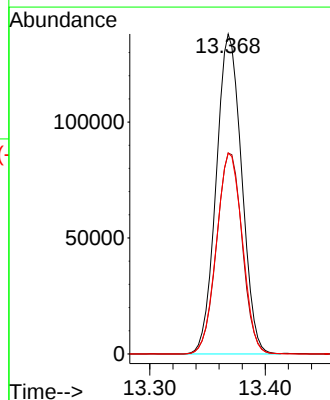
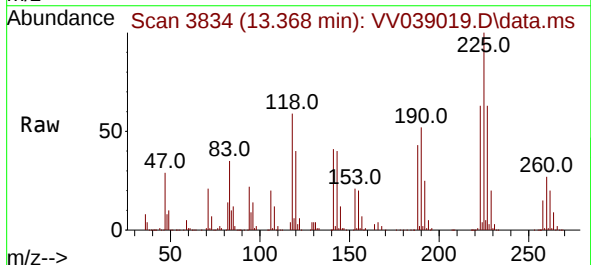
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

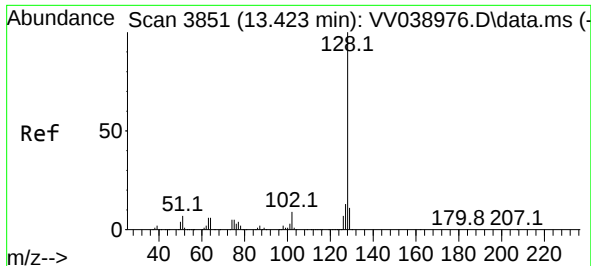
Tgt Ion:180 Resp: 528639
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 32.5 16.3 48.8



#94
Hexachlorobutadiene
Concen: 39.898 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:225 Resp: 211008
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 63.8 30.8 92.3

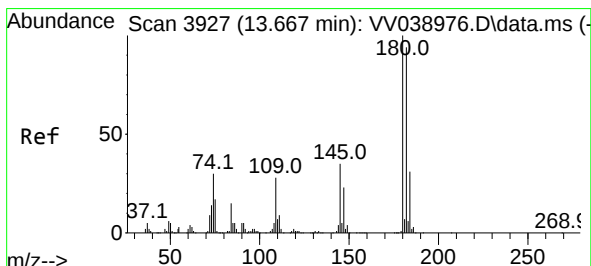
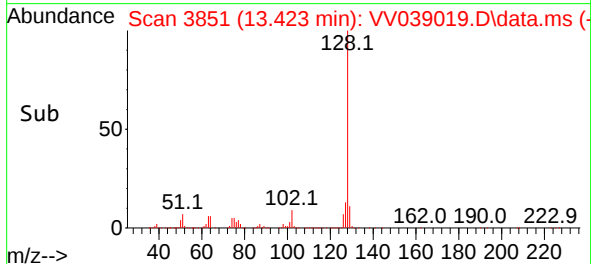
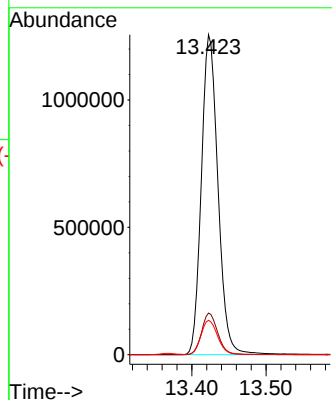
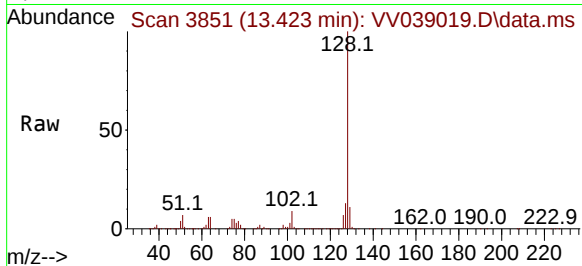




#95
Naphthalene
Concen: 60.261 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1950872
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.960 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.003 min
Lab File: VV039019.D
Acq: 22 Aug 2025 15:49

Tgt Ion:180 Resp: 527134
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 35.7 17.3 52.0

