

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038927.D
 Acq On : 08 Aug 2025 10:35
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 11 05:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	449331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	747562	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	702018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	373535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	33230	5.142	ug/l	0.01
Spiked Amount	50.000	Range	81 - 118	Recovery	=	10.280%#
35) Dibromofluoromethane	4.513	113	27794	4.901	ug/l	0.02
Spiked Amount	50.000	Range	80 - 119	Recovery	=	9.800%#
50) Toluene-d8	7.243	98	89234	4.543	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	9.080%#
62) 4-Bromofluorobenzene	10.008	95	28588	4.041	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	8.080%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	12424	4.110	ug/l	98
3) Chloromethane	1.230	50	12838	4.451	ug/l	91
4) Vinyl Chloride	1.294	62	15213	4.292	ug/l	98
5) Bromomethane	1.487	94	14604	5.256	ug/l	98
6) Chloroethane	1.555	64	11505	4.513	ug/l	95
7) Trichlorofluoromethane	1.722	101	33902	4.830	ug/l	99
8) Diethyl Ether	1.918	74	12539	4.791	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	22367	4.988	ug/l	97
10) Methyl Iodide	2.198	142	16822	6.556	ug/l	94
11) Tert butyl alcohol	2.577	59	26952	24.661	ug/l	95
12) 1,1-Dichloroethene	2.082	96	18043	4.855	ug/l	92
13) Acrolein	2.008	56	33659	43.648	ug/l	94
14) Allyl chloride	2.359	41	31270	4.812	ug/l #	94
15) Acrylonitrile	2.680	53	69161	23.970	ug/l	98
16) Acetone	2.121	43	55798	24.055	ug/l	97
17) Carbon Disulfide	2.253	76	25046	4.174	ug/l	98
18) Methyl Acetate	2.381	43	27984	3.589	ug/l	96
19) Methyl tert-butyl Ether	2.716	73	74809	4.893	ug/l	98
20) Methylene Chloride	2.455	84	24498	4.561	ug/l	99
21) trans-1,2-Dichloroethene	2.706	96	18685	4.626	ug/l	96
22) Diisopropyl ether	3.217	45	60861	4.631	ug/l #	52
23) Vinyl Acetate	3.195	43	240038	24.589	ug/l	98
24) 1,1-Dichloroethane	3.117	63	43221	5.128	ug/l	97
25) 2-Butanone	3.889	43	64201	21.777	ug/l	95
26) 2,2-Dichloropropane	3.815	77	38171	5.111	ug/l	97
27) cis-1,2-Dichloroethene	3.825	96	19446	3.996	ug/l	88
28) Bromochloromethane	4.153	49	16769	6.085	ug/l	97
29) Tetrahydrofuran	4.252	42	40517	20.701	ug/l	96
30) Chloroform	4.281	83	45559	4.968	ug/l	91
31) Cyclohexane	4.593	56	27699	5.336	ug/l #	67
32) 1,1,1-Trichloroethane	4.513	97	39234	4.974	ug/l #	74
36) 1,1-Dichloropropene	4.754	75	21072	4.213	ug/l #	79
37) Ethyl Acetate	4.005	43	25715	3.915	ug/l #	90
38) Carbon Tetrachloride	4.735	117	29607	4.435	ug/l #	88
39) Methylcyclohexane	6.047	83	22490	4.110	ug/l	98
40) Benzene	5.018	78	73643	4.426	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038927.D
 Acq On : 08 Aug 2025 10:35
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 11 05:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.179	41	4300	1.595	ug/l #	78
42) 1,2-Dichloroethane	5.050	62	28468	4.404	ug/l	99
43) Isopropyl Acetate	5.207	43	39180	4.224	ug/l	97
44) Trichloroethene	5.844	130	18886	4.314	ug/l	96
45) 1,2-Dichloropropane	6.101	63	18251	4.056	ug/l	98
46) Dibromomethane	6.243	93	15420	4.483	ug/l	96
47) Bromodichloromethane	6.432	83	37071	4.851	ug/l	95
48) Methyl methacrylate	6.320	41	14584	3.686	ug/l	98
49) 1,4-Dioxane	6.310	88	6498	74.052	ug/l	91
51) 4-Methyl-2-Pentanone	7.156	43	139132	21.641	ug/l	96
52) Toluene	7.317	92	44878	4.272	ug/l	95
53) t-1,3-Dichloropropene	7.590	75	29567	4.423	ug/l	97
54) cis-1,3-Dichloropropene	6.960	75	31663	4.338	ug/l	97
55) 1,1,2-Trichloroethane	7.767	97	24501	4.766	ug/l	95
56) Ethyl methacrylate	7.728	69	22797	4.574	ug/l	93
57) 1,3-Dichloropropane	7.940	76	36215	4.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.822	63	64724	21.458	ug/l	99
59) 2-Hexanone	8.072	43	95565	20.593	ug/l	93
60) Dibromochloromethane	8.172	129	31490	5.003	ug/l	100
61) 1,2-Dibromoethane	8.281	107	24230	4.748	ug/l	100
64) Tetrachloroethene	7.902	164	19439	4.718	ug/l	99
65) Chlorobenzene	8.809	112	63223	4.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	28702	5.317	ug/l	93
67) Ethyl Benzene	8.944	91	84977	4.216	ug/l	99
68) m/p-Xylenes	9.069	106	62193	8.006	ug/l	100
69) o-Xylene	9.474	106	29585	4.050	ug/l	100
70) Styrene	9.493	104	51275	3.899	ug/l	98
71) Bromoform	9.657	173	21219	4.678	ug/l #	98
73) Isopropylbenzene	9.857	105	84176	4.317	ug/l	99
74) N-amyl acetate	9.731	43	27679	4.040	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.169	83	42199	5.062	ug/l	97
76) 1,2,3-Trichloropropane	10.201	75	28781	4.712	ug/l	90
77) Bromobenzene	10.149	156	24068	4.598	ug/l	94
78) n-propylbenzene	10.281	91	96245	4.185	ug/l	99
79) 2-Chlorotoluene	10.352	91	61149	4.331	ug/l	97
80) 1,3,5-Trimethylbenzene	10.468	105	66308	4.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.934	75	10107	4.146	ug/l #	92
82) 4-Chlorotoluene	10.468	91	70440	4.266	ug/l	98
83) tert-Butylbenzene	10.792	119	76834	4.385	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	65016	3.982	ug/l	96
85) sec-Butylbenzene	11.014	105	93587	4.227	ug/l	96
86) p-Isopropyltoluene	11.169	119	83827	4.346	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	48711	4.452	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	55551	4.663	ug/l	91
89) n-Butylbenzene	11.583	91	75935	4.258	ug/l	98
90) Hexachloroethane	11.821	117	23580	5.182	ug/l	92
91) 1,2-Dichlorobenzene	11.570	146	50254	4.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	8199	4.491	ug/l	96
93) 1,2,4-Trichlorobenzene	13.188	180	27391	4.199	ug/l	99
94) Hexachlorobutadiene	13.371	225	16617	4.821	ug/l	95
95) Naphthalene	13.429	128	80342	3.925	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	28348	4.247	ug/l	99

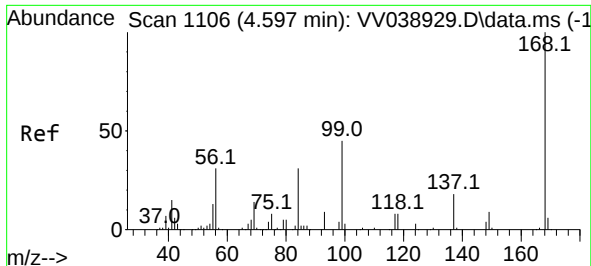
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
Data File : VV038927.D
Acq On : 08 Aug 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Quant Time: Aug 11 05:03:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 11 04:47:10 2025
Response via : Initial Calibration

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

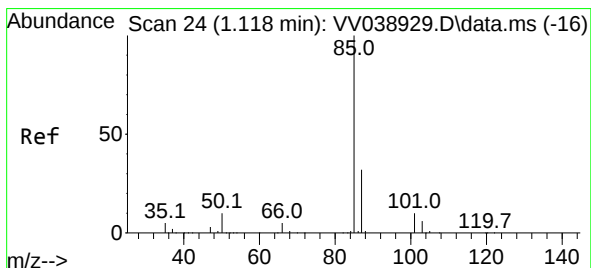
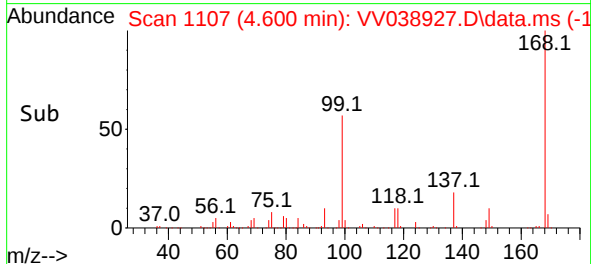
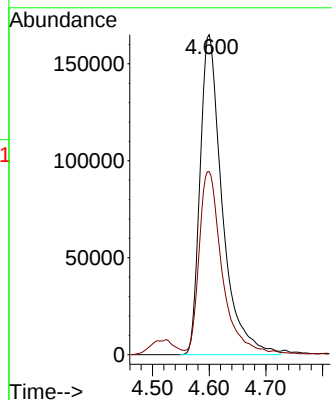
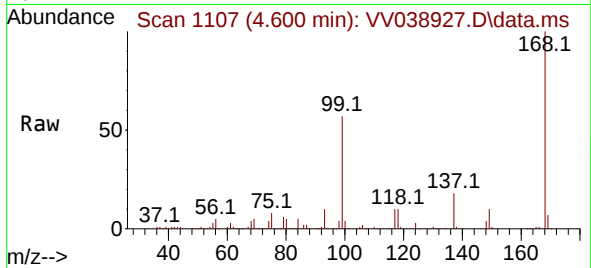
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

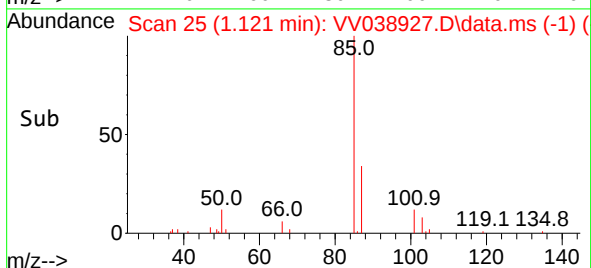
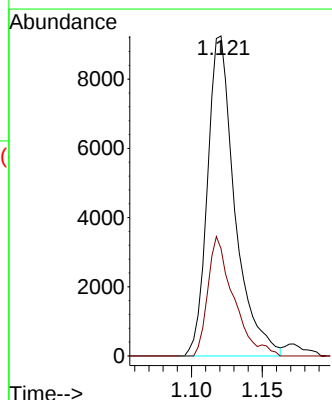
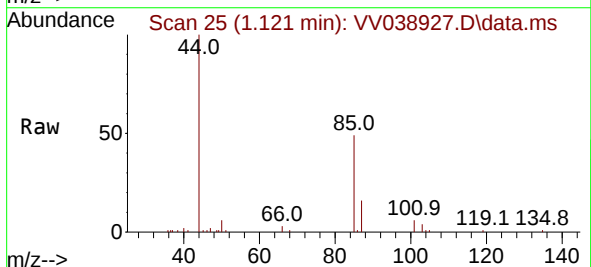
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

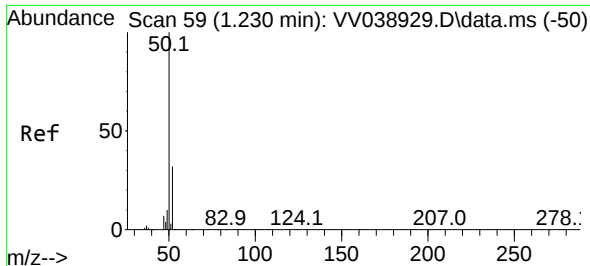
Tgt Ion:168 Resp: 449331
Ion Ratio Lower Upper
168 100
99 56.5 47.3 70.9



#2
Dichlorodifluoromethane
Concen: 4.110 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 85 Resp: 12424
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6

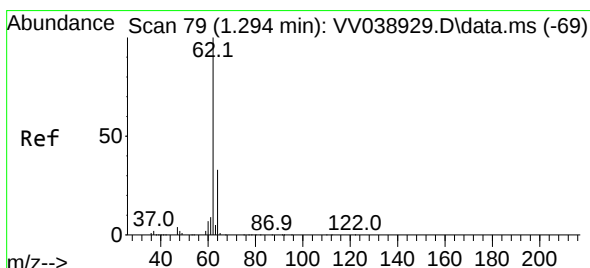
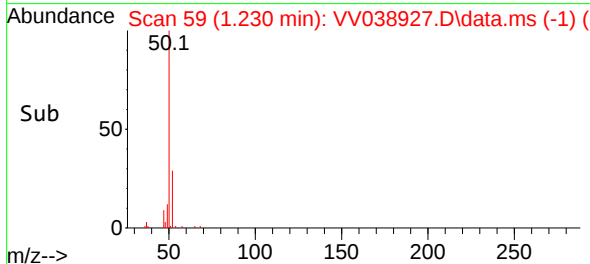
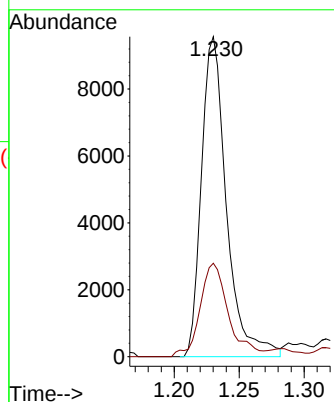
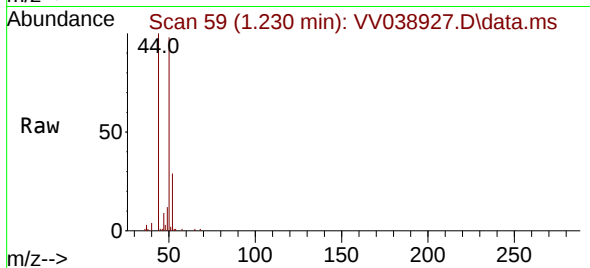




#3
Chloromethane
Concen: 4.451 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

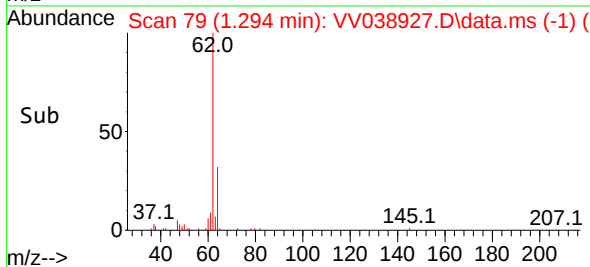
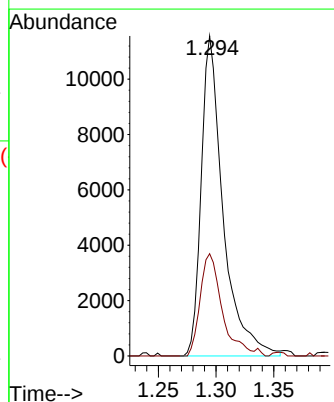
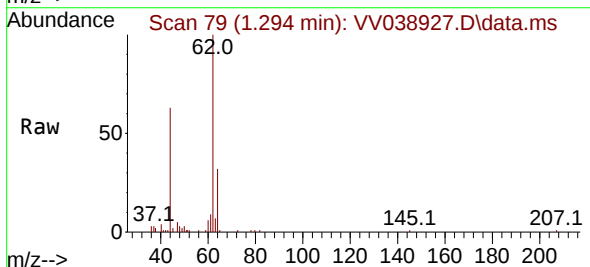
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

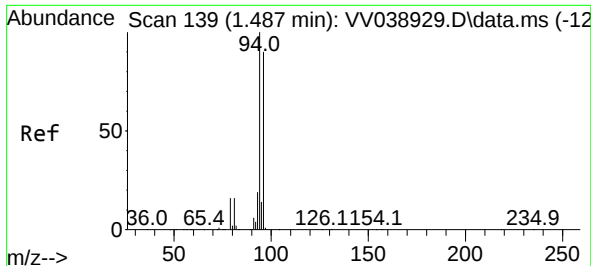
Tgt Ion: 50 Resp: 12838
Ion Ratio Lower Upper
50 100
52 27.2 25.9 38.9



#4
Vinyl Chloride
Concen: 4.292 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 62 Resp: 15213
Ion Ratio Lower Upper
62 100
64 31.9 26.6 40.0

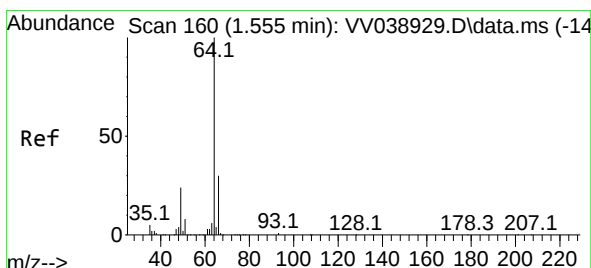
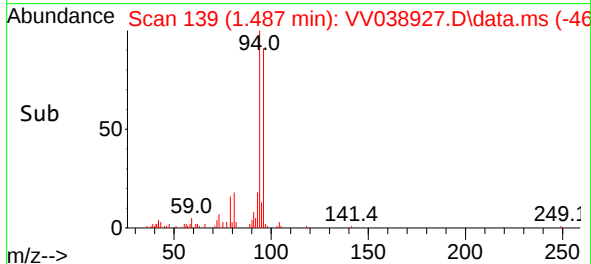
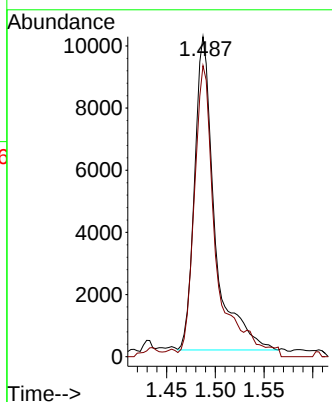
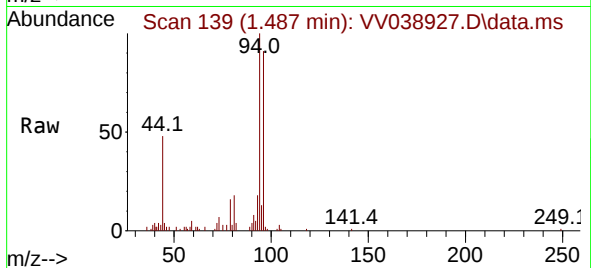




#5
Bromomethane
Concen: 5.256 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

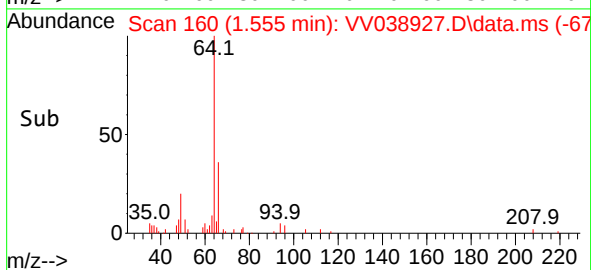
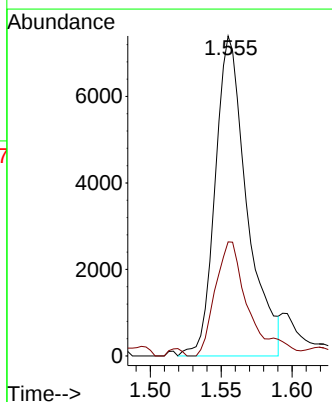
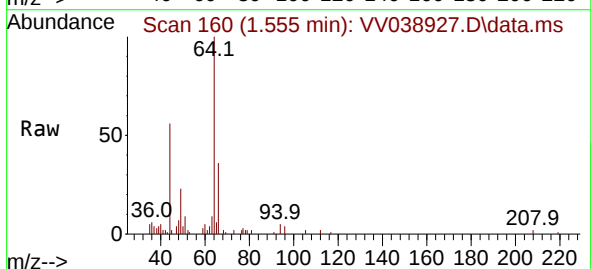
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

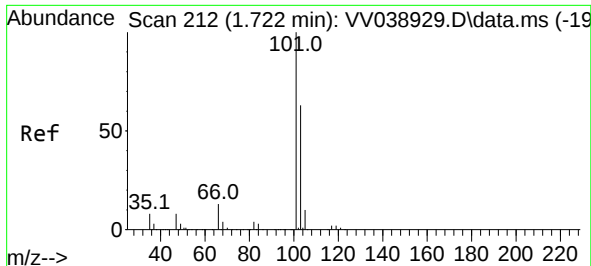
Tgt Ion: 94 Resp: 14604
Ion Ratio Lower Upper
94 100
96 91.6 71.8 107.8



#6
Chloroethane
Concen: 4.513 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 64 Resp: 11505
Ion Ratio Lower Upper
64 100
66 33.4 24.3 36.5

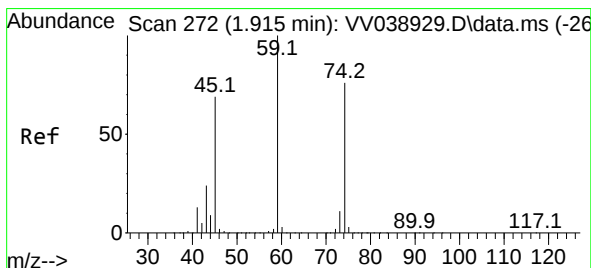
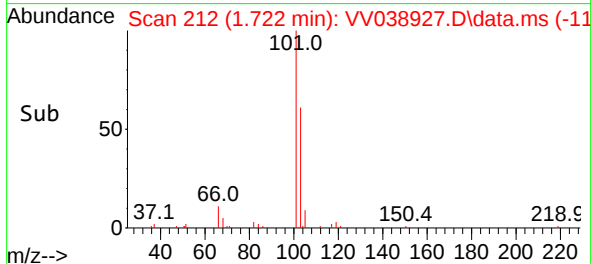
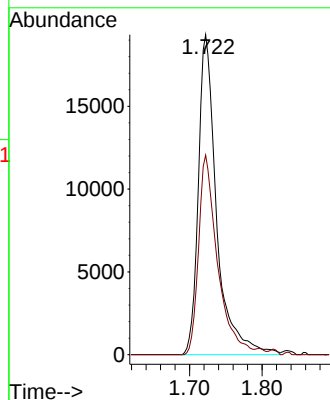
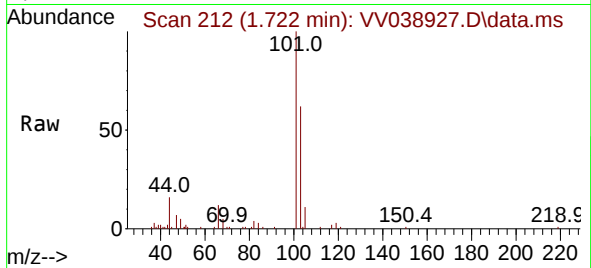




#7
 Trichlorofluoromethane
 Concen: 4.830 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

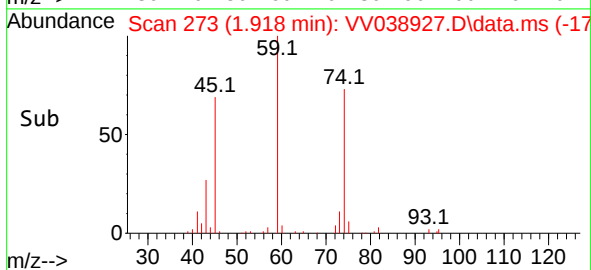
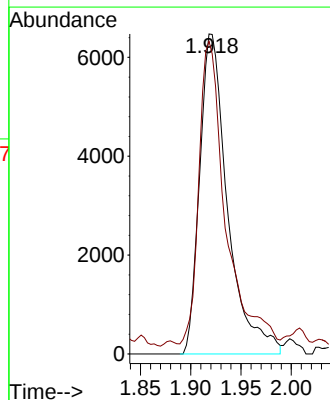
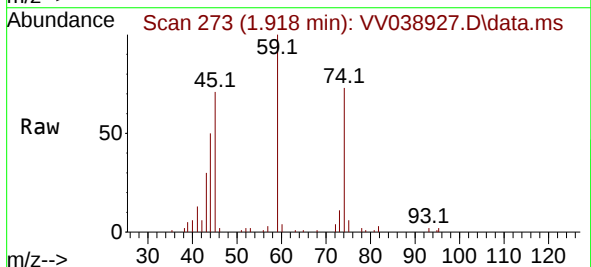
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

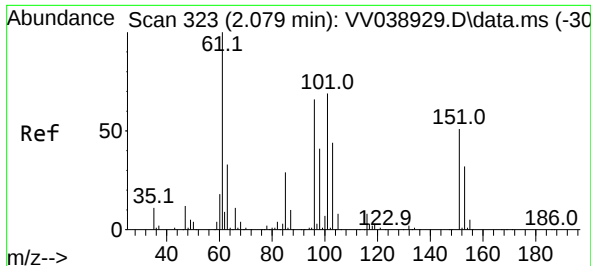
Tgt Ion:101 Resp: 33902
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.8 76.2



#8
 Diethyl Ether
 Concen: 4.791 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion: 74 Resp: 12539
 Ion Ratio Lower Upper
 74 100
 45 88.6 44.8 134.4

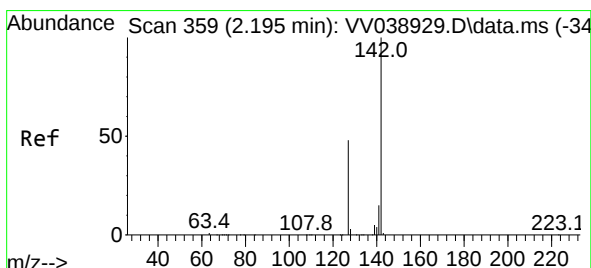
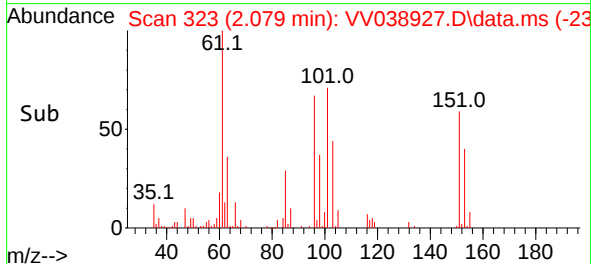
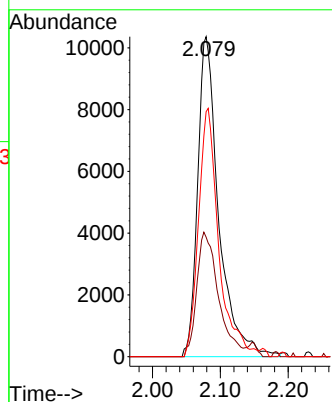
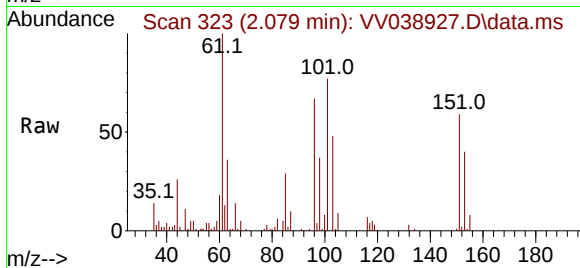




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.988 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

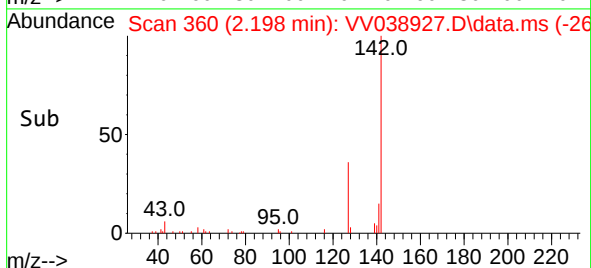
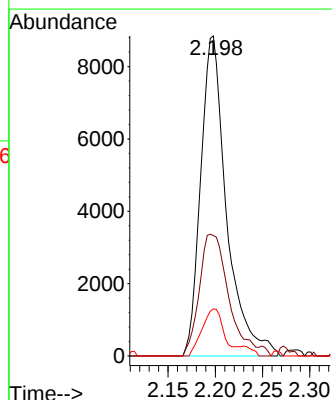
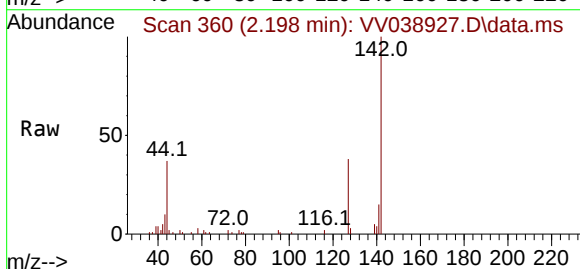
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

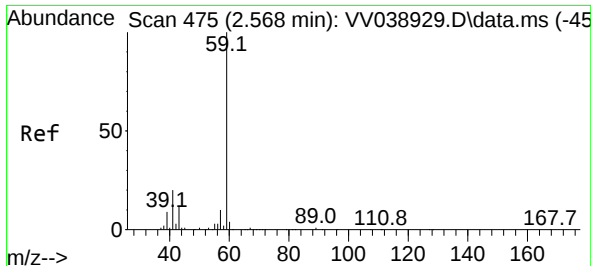
Tgt Ion:	101	Resp:	22367
Ion	Ratio	Lower	Upper
101	100		
85	39.9	35.1	52.7
151	74.6	60.6	91.0



#10
Methyl Iodide
Concen: 6.556 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:	142	Resp:	16822
Ion	Ratio	Lower	Upper
142	100		
127	43.7	38.2	57.2
141	12.2	11.6	17.4

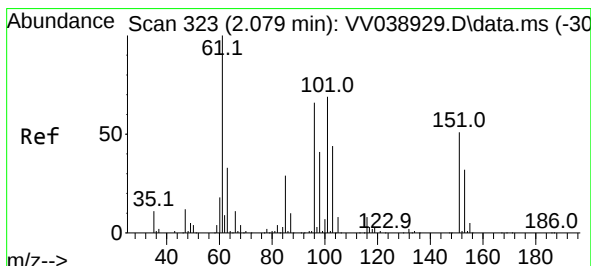
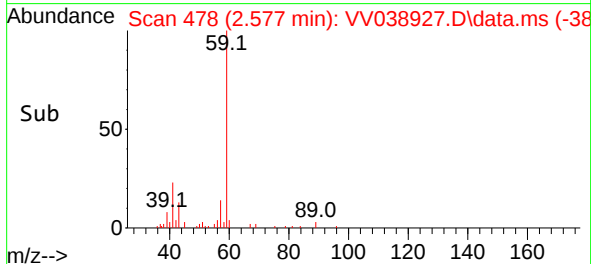
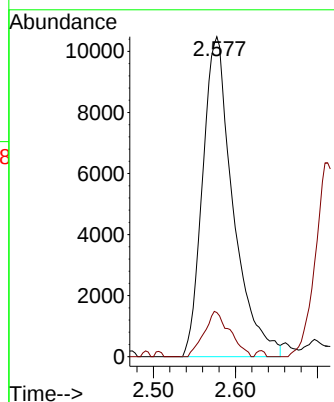
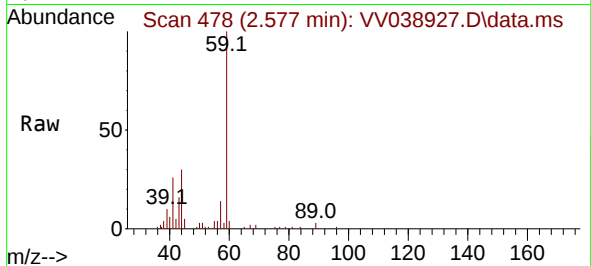




#11
Tert butyl alcohol
Concen: 24.661 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

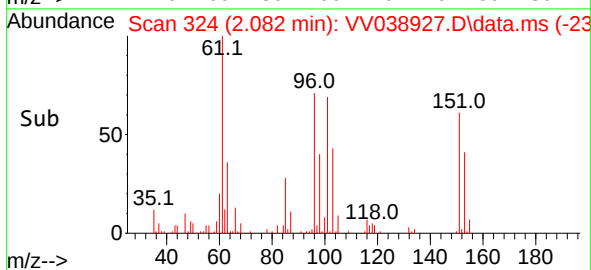
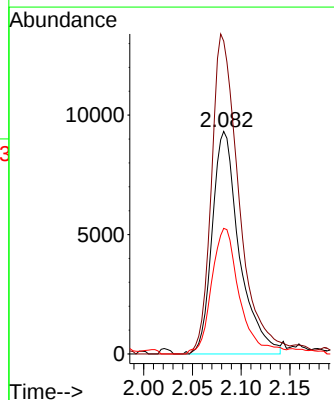
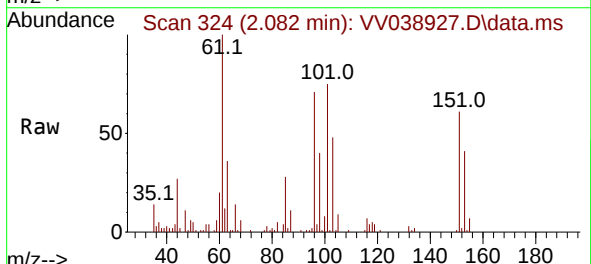
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

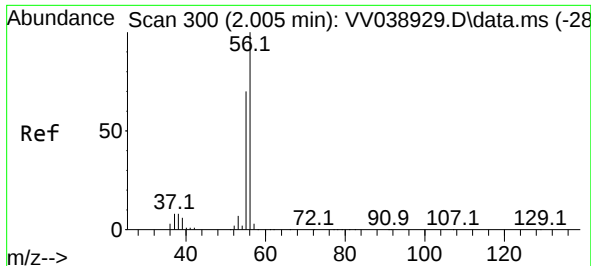
Tgt Ion: 59 Resp: 26952
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 4.855 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 96 Resp: 18043
Ion Ratio Lower Upper
96 100
61 140.6 121.0 181.4
98 56.5 49.4 74.2

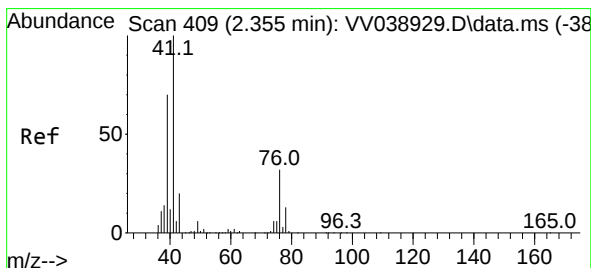
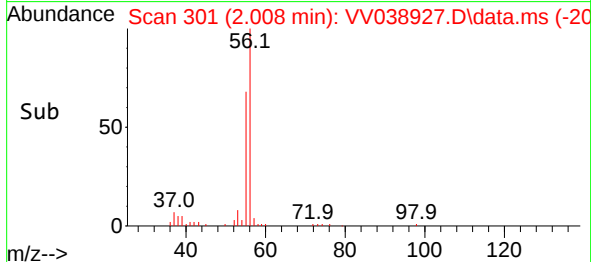
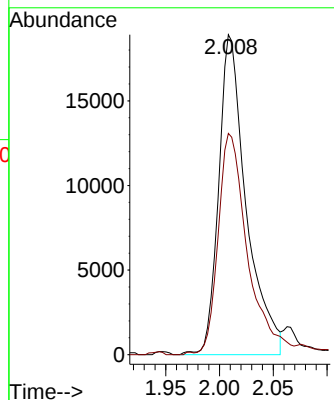
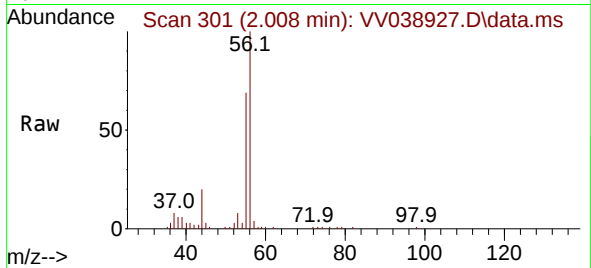




#13
Acrolein
Concen: 43.648 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

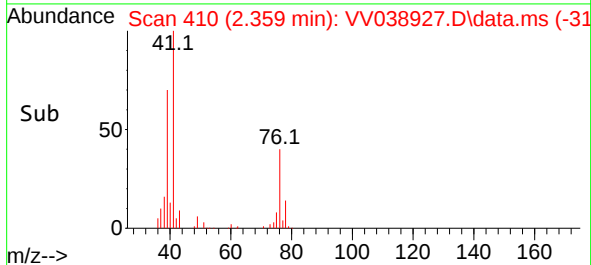
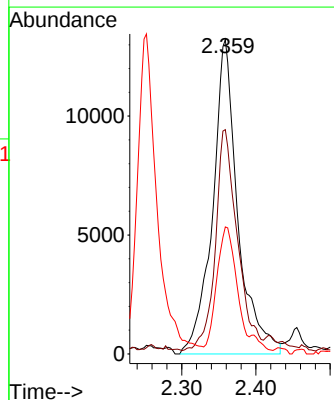
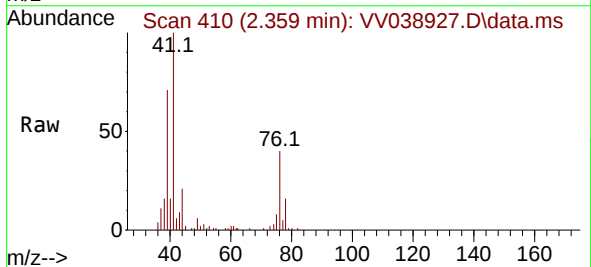
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

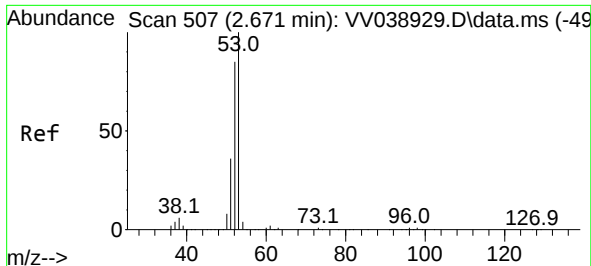
Tgt Ion: 56 Resp: 33659
Ion Ratio Lower Upper
56 100
55 74.2 55.1 82.7



#14
Allyl chloride
Concen: 4.812 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 41 Resp: 31270
Ion Ratio Lower Upper
41 100
39 61.3 49.9 74.9
76 28.9 29.7 44.5#

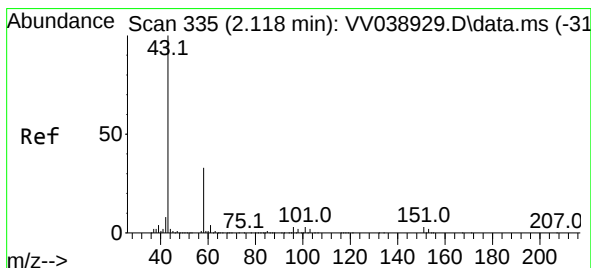
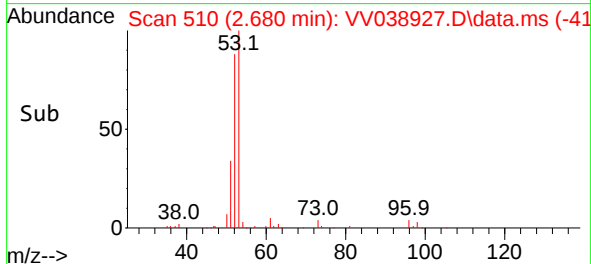
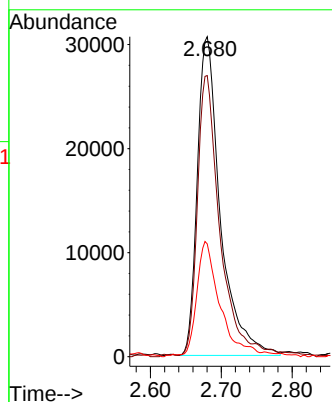
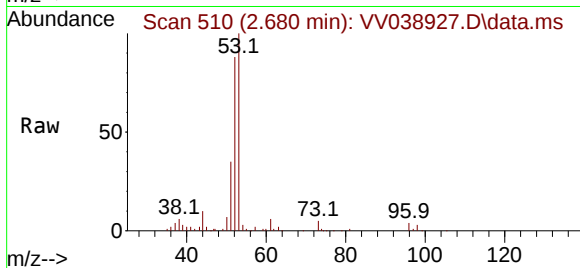




#15
Acrylonitrile
Concen: 23.970 ug/l
RT: 2.680 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

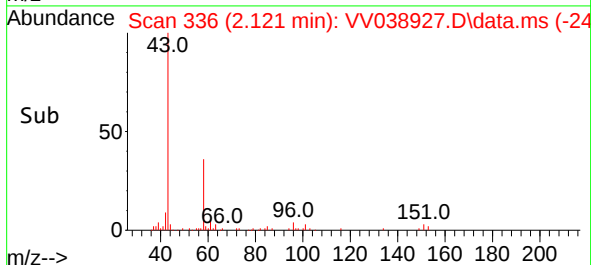
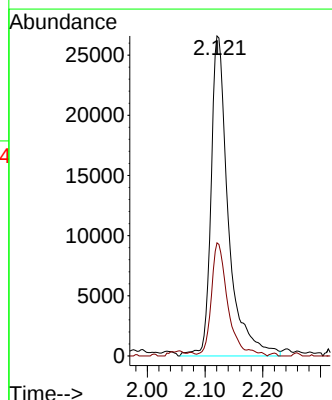
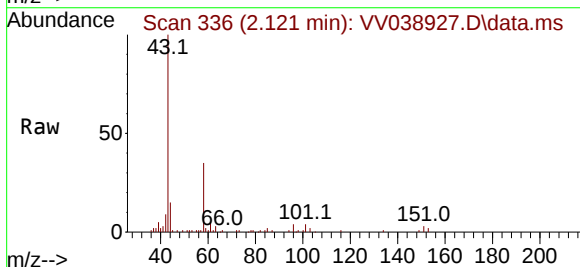
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

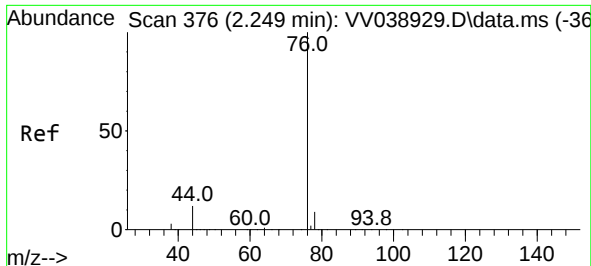
Tgt Ion: 53 Resp: 69161
Ion Ratio Lower Upper
53 100
52 84.3 66.4 99.6
51 34.2 28.6 43.0



#16
Acetone
Concen: 24.055 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 55798
Ion Ratio Lower Upper
43 100
58 35.3 26.8 40.2

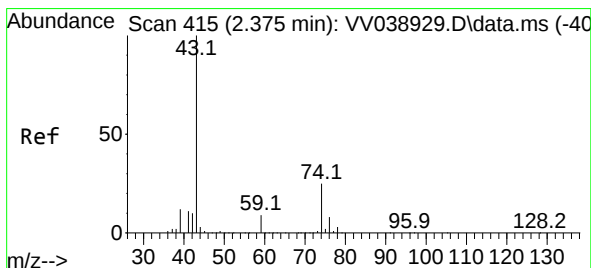
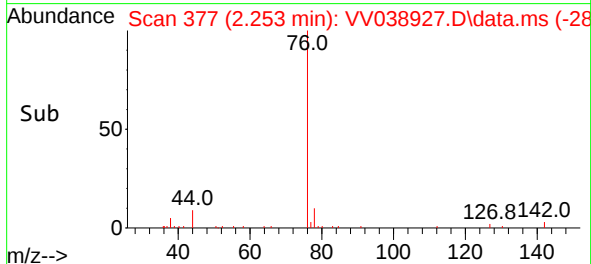
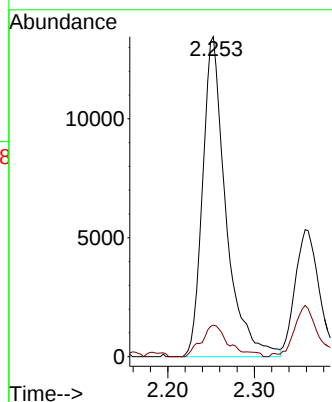
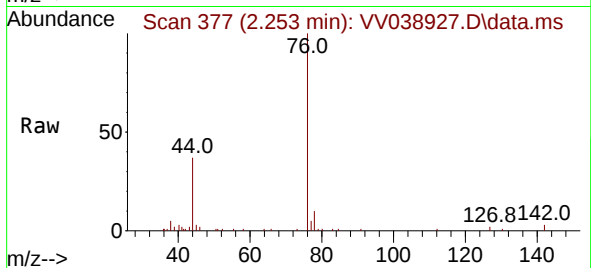




#17
Carbon Disulfide
Concen: 4.174 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

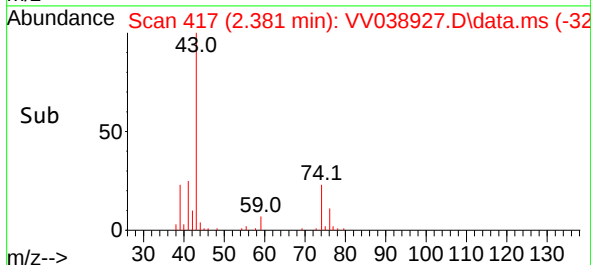
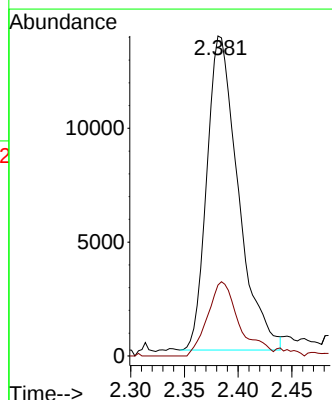
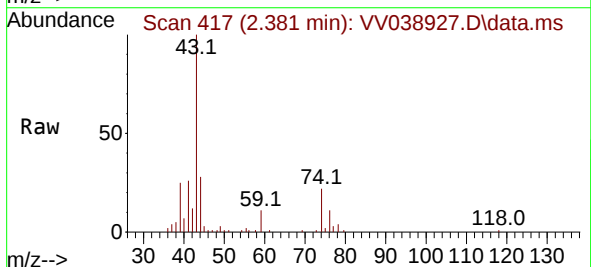
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

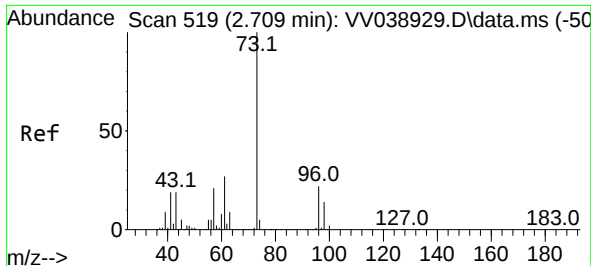
Tgt Ion: 76 Resp: 25046
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 3.589 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 27984
Ion Ratio Lower Upper
43 100
74 23.8 20.6 30.8

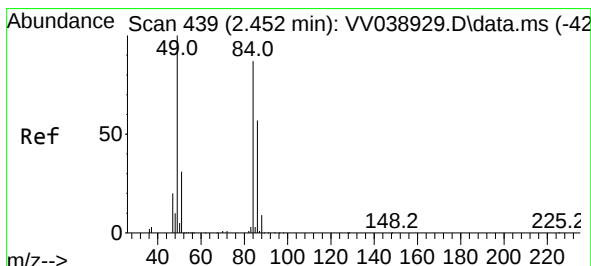
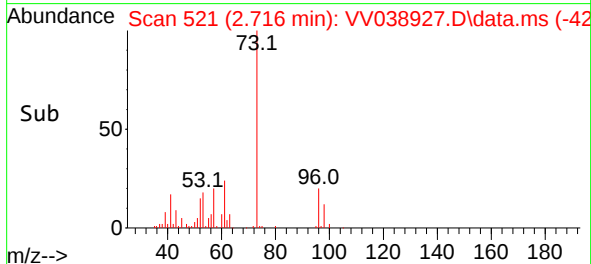
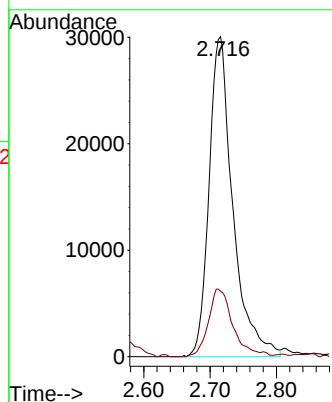
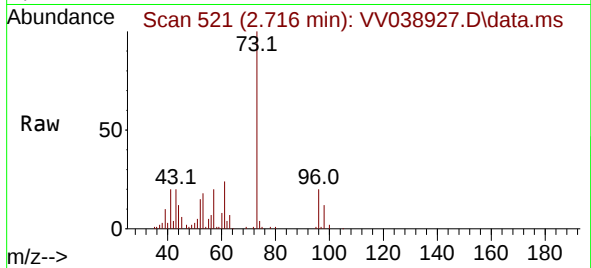




#19
Methyl tert-butyl Ether
Concen: 4.893 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

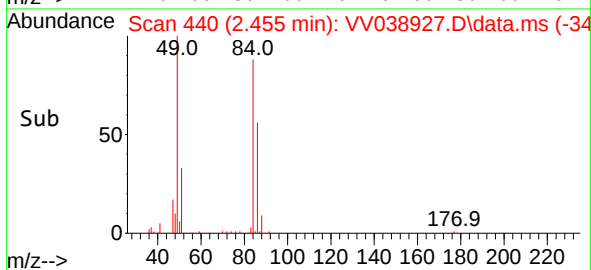
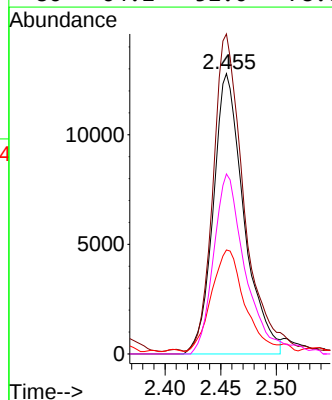
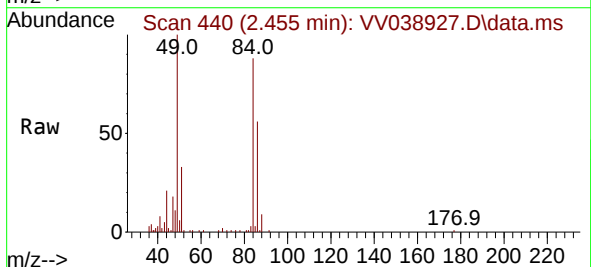
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

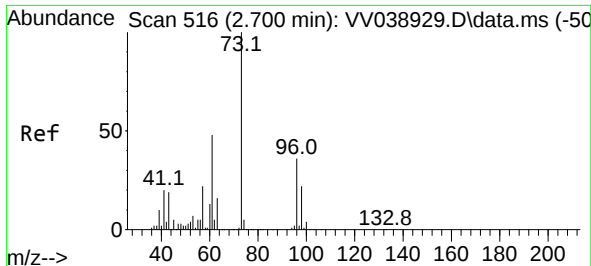
Tgt Ion: 73 Resp: 74809
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6



#20
Methylene Chloride
Concen: 4.561 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 84 Resp: 24498
Ion Ratio Lower Upper
84 100
49 112.8 91.7 137.5
51 35.9 28.3 42.5
86 64.2 52.0 78.0

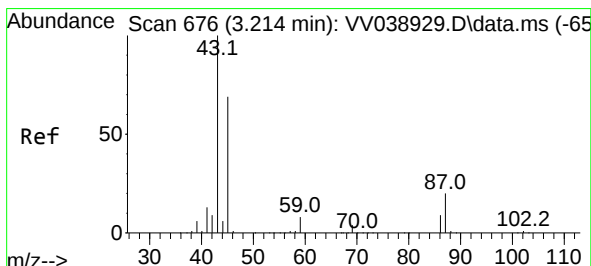
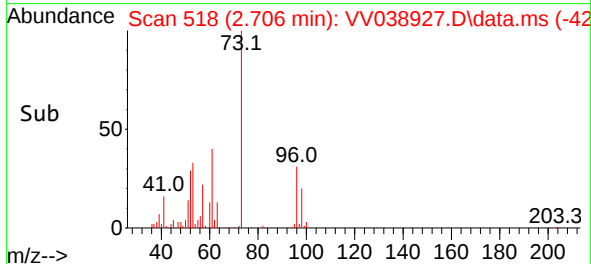
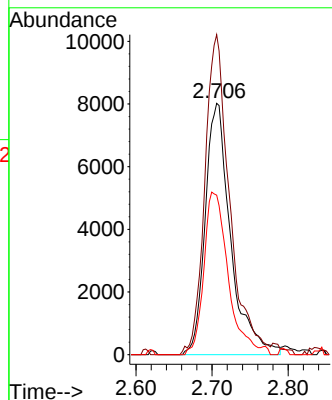
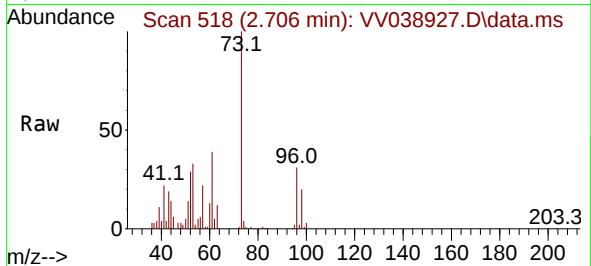




#21
trans-1,2-Dichloroethene
Concen: 4.626 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

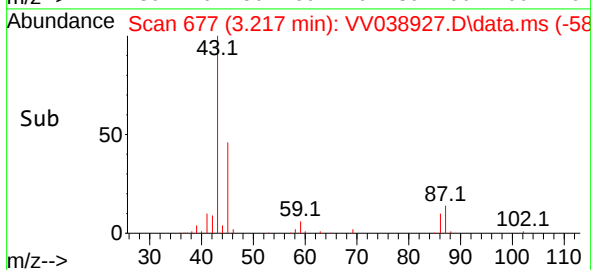
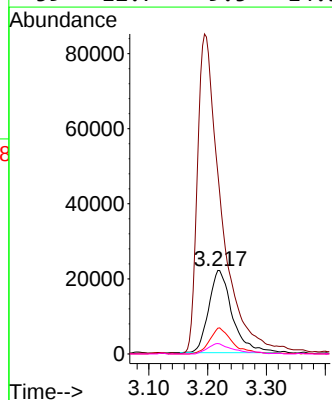
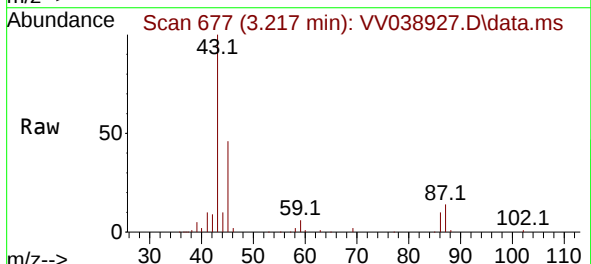
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

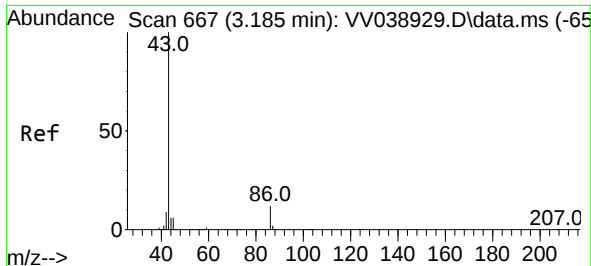
Tgt Ion: 96 Resp: 18685
Ion Ratio Lower Upper
96 100
61 127.3 106.2 159.4
98 63.4 49.8 74.8



#22
Diisopropyl ether
Concen: 4.631 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 45 Resp: 60861
Ion Ratio Lower Upper
45 100
43 219.9 115.3 172.9#
87 31.3 23.8 35.6
59 12.7 9.5 14.3

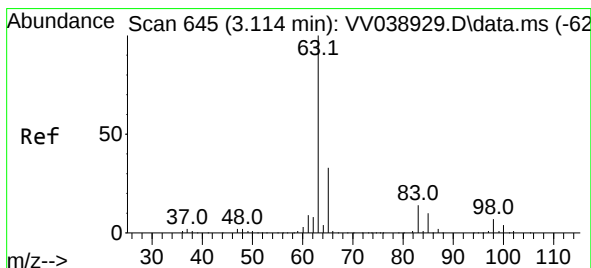
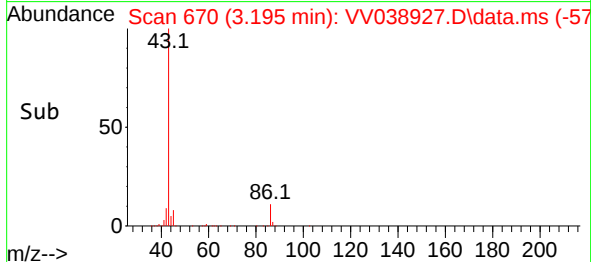
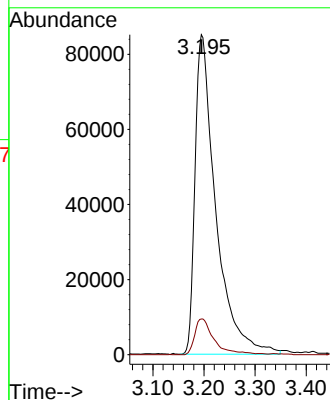
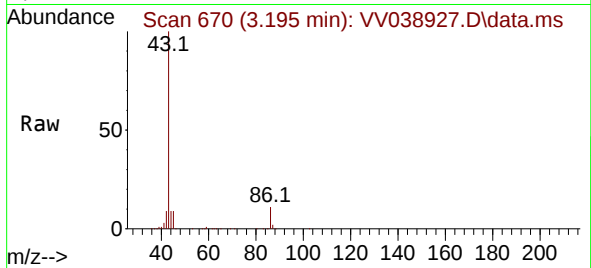




#23
 Vinyl Acetate
 Concen: 24.589 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

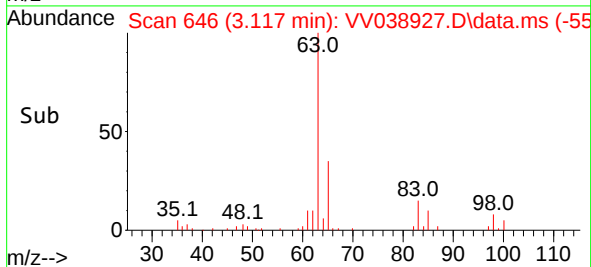
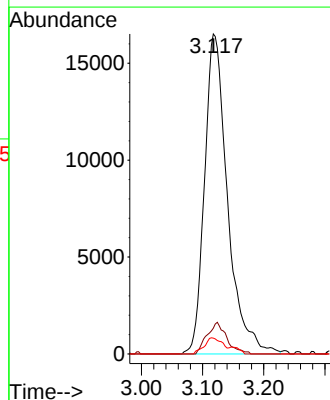
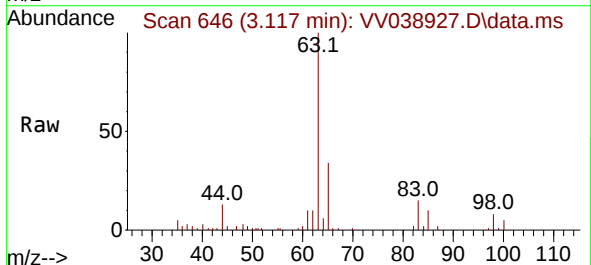
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

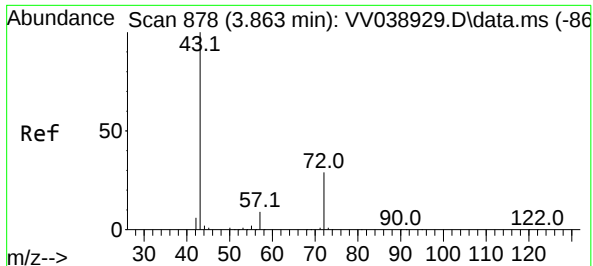
Tgt Ion: 43 Resp: 240038
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 5.128 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion: 63 Resp: 43221
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 21.777 ug/l

RT: 3.889 min Scan# 81

Delta R.T. 0.026 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

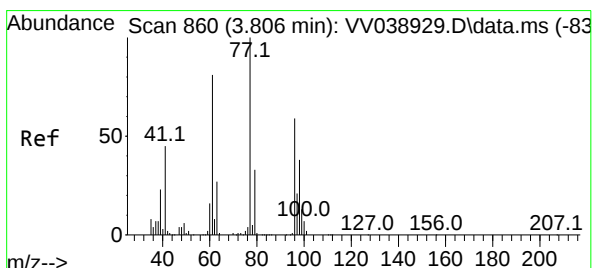
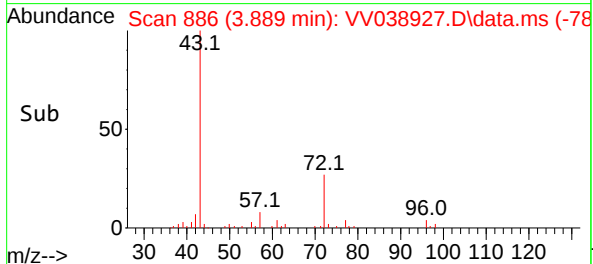
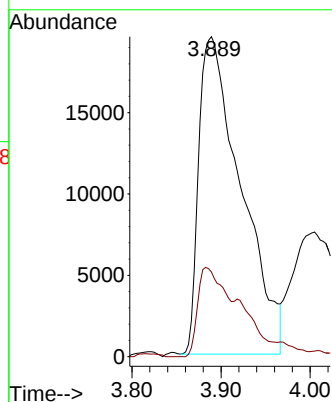
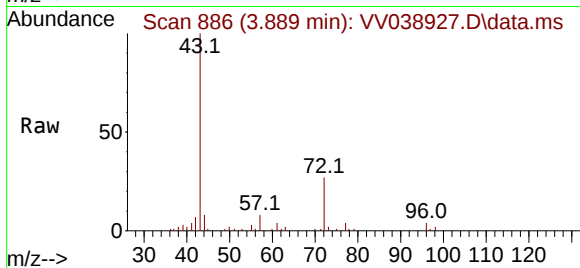
VSTDIC005

Tgt Ion: 43 Resp: 64201

Ion Ratio Lower Upper

43 100

72 26.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 5.111 ug/l

RT: 3.815 min Scan# 863

Delta R.T. 0.010 min

Lab File: VV038927.D

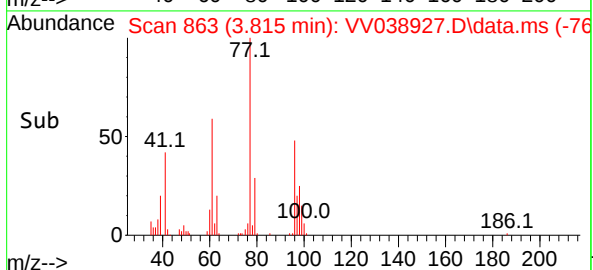
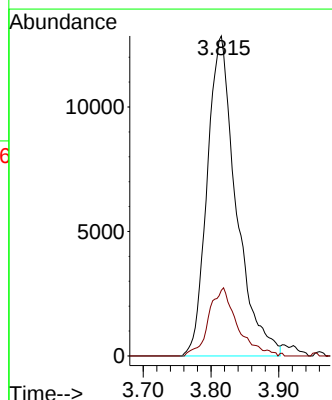
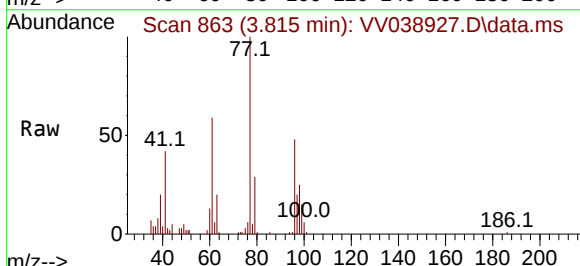
Acq: 08 Aug 2025 10:35

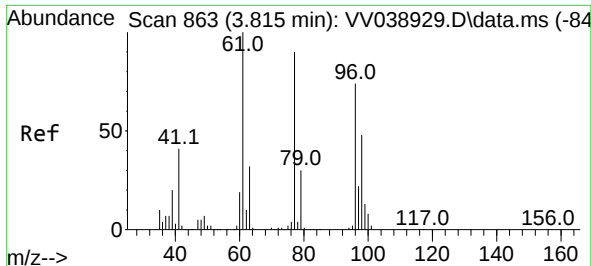
Tgt Ion: 77 Resp: 38171

Ion Ratio Lower Upper

77 100

97 21.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 3.996 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

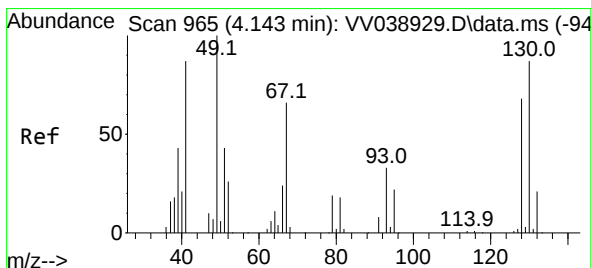
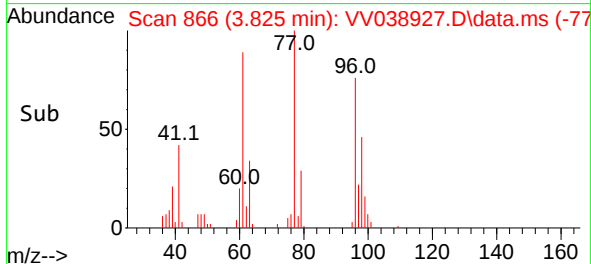
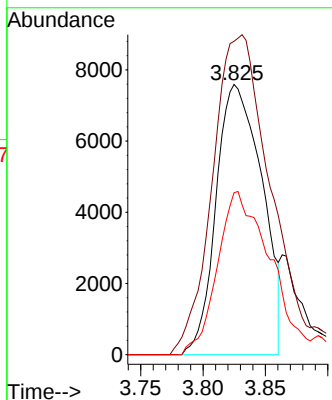
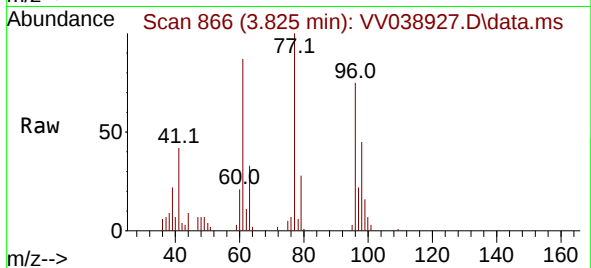
Tgt Ion: 96 Resp: 19446

Ion Ratio Lower Upper

96 100

61 153.2 0.0 270.4

98 68.9 0.0 128.0



#28

Bromochloromethane

Concen: 6.085 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

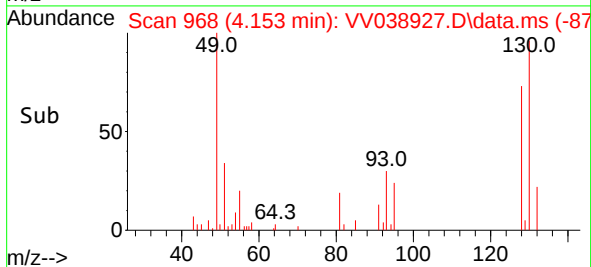
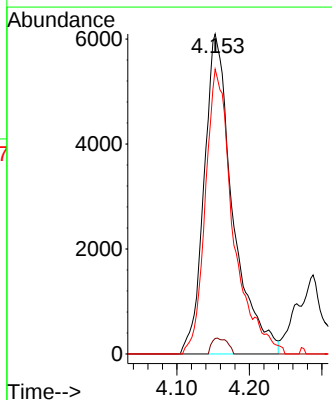
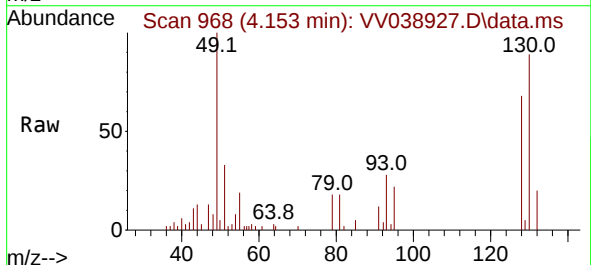
Tgt Ion: 49 Resp: 16769

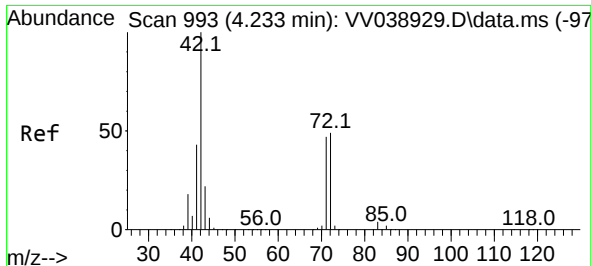
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.4

130 86.1 70.9 106.3





#29

Tetrahydrofuran

Concen: 20.701 ug/l

RT: 4.252 min Scan# 999

Delta R.T. 0.019 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

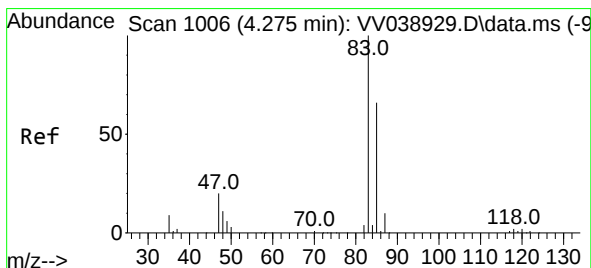
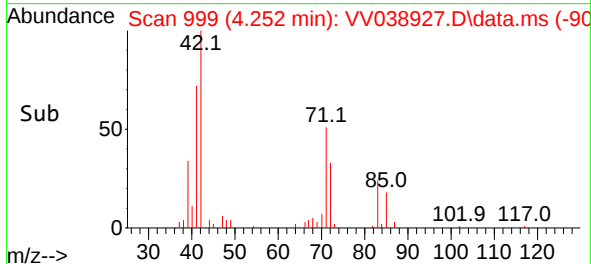
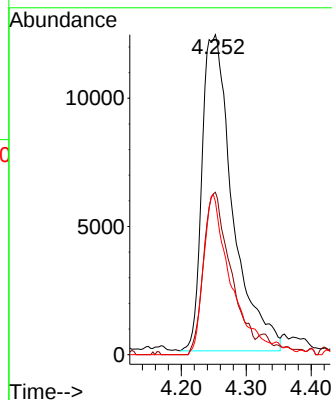
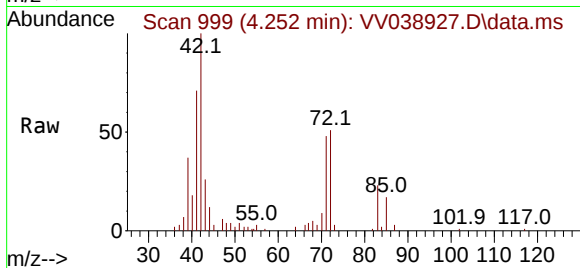
Tgt Ion: 42 Resp: 40517

Ion Ratio Lower Upper

42 100

72 45.6 39.9 59.9

71 45.2 37.4 56.0



#30

Chloroform

Concen: 4.968 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV038927.D

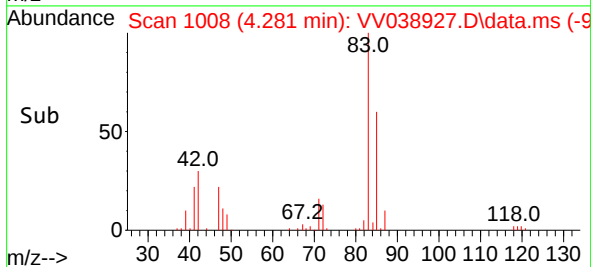
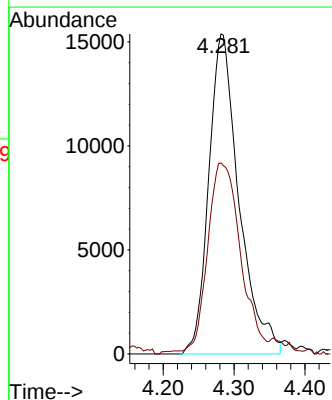
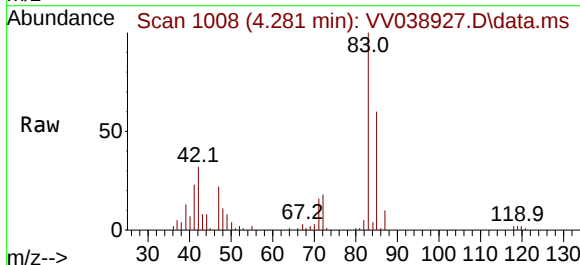
Acq: 08 Aug 2025 10:35

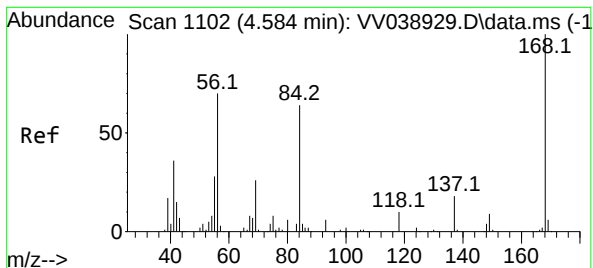
Tgt Ion: 83 Resp: 45559

Ion Ratio Lower Upper

83 100

85 58.8 53.0 79.6





#31

Cyclohexane

Concen: 5.336 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

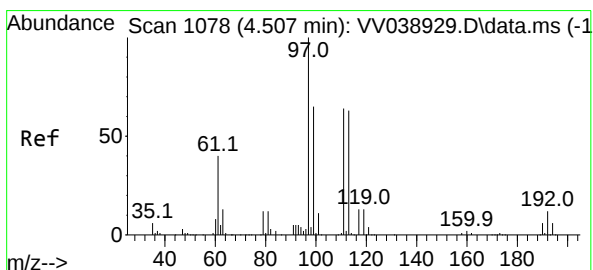
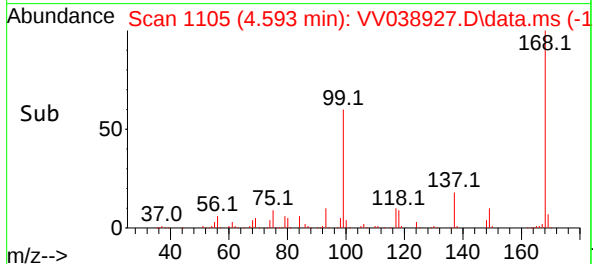
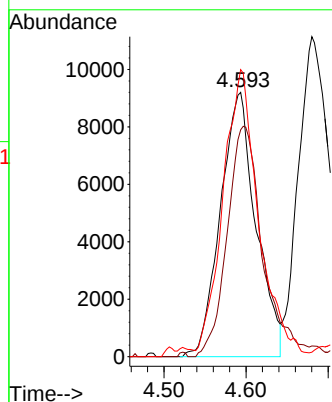
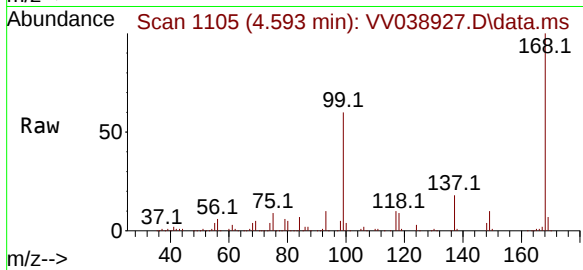
Tgt Ion: 56 Resp: 27699

Ion Ratio Lower Upper

56 100

69 84.5 30.2 45.2#

84 105.6 73.6 110.4



#32

1,1,1-Trichloroethane

Concen: 4.974 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

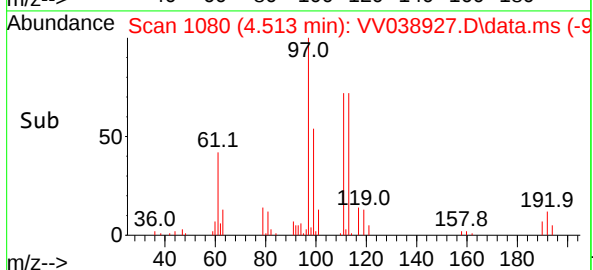
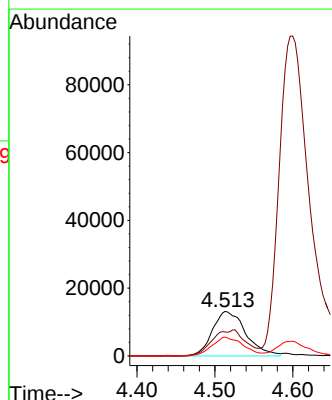
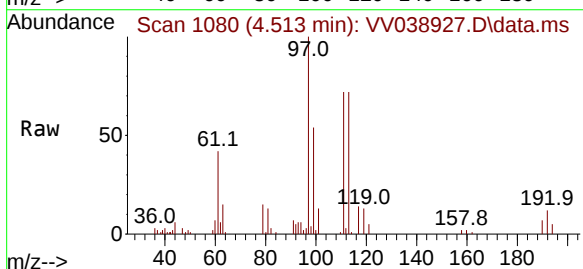
Tgt Ion: 97 Resp: 39234

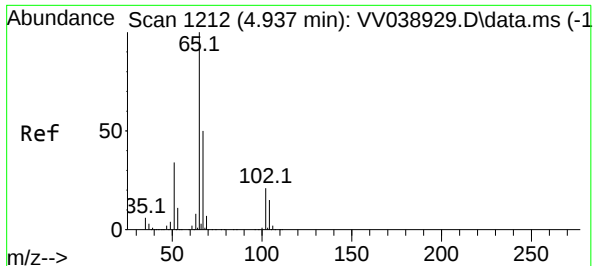
Ion Ratio Lower Upper

97 100

99 29.0 49.8 74.6#

61 39.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 5.142 ug/l

RT: 4.950 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

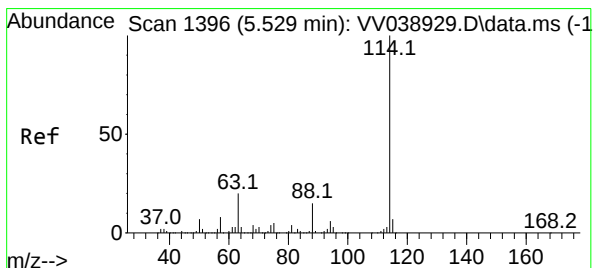
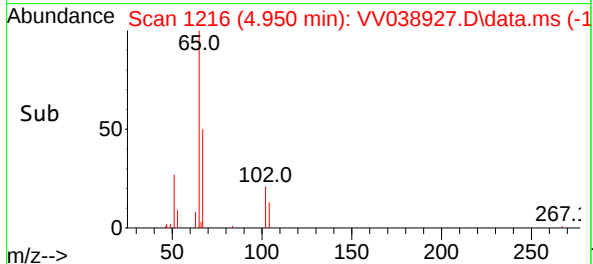
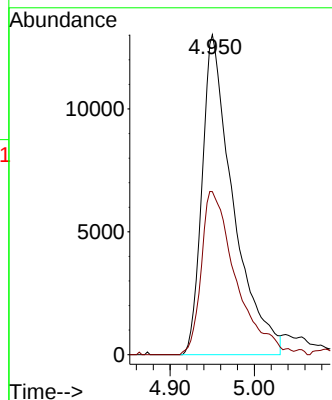
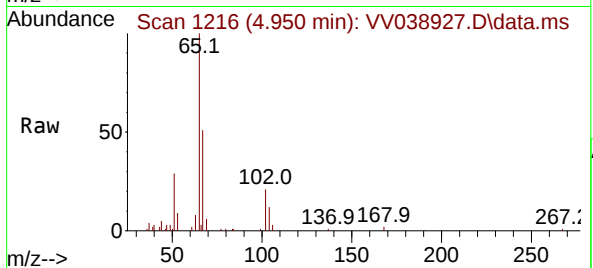
VSTDICC005

Tgt Ion: 65 Resp: 33230

Ion Ratio Lower Upper

65 100

67 56.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

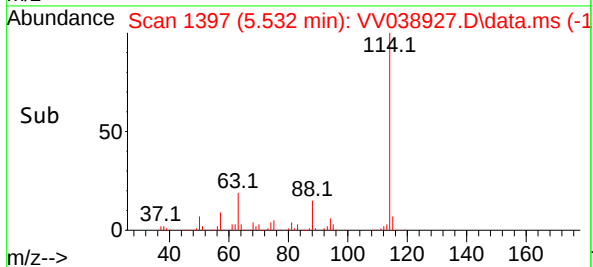
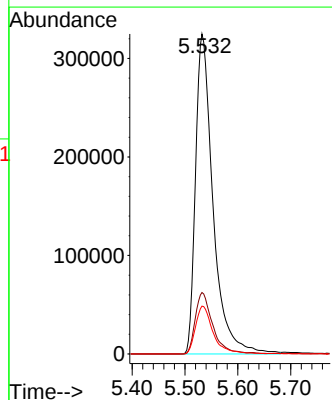
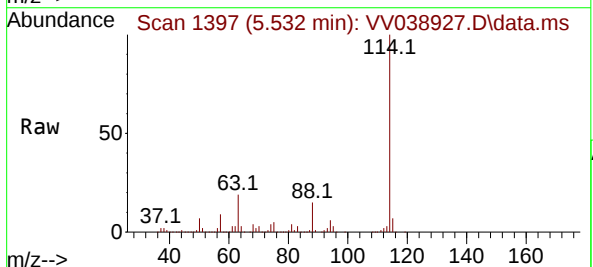
Tgt Ion: 114 Resp: 747562

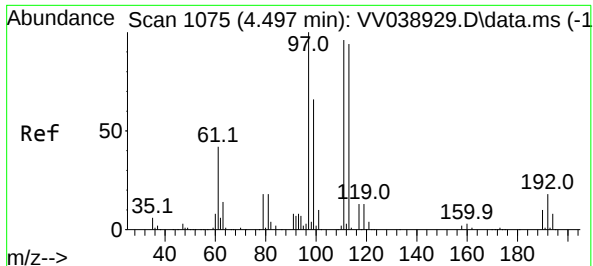
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 4.901 ug/l

RT: 4.513 min Scan# 110

Delta R.T. 0.016 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

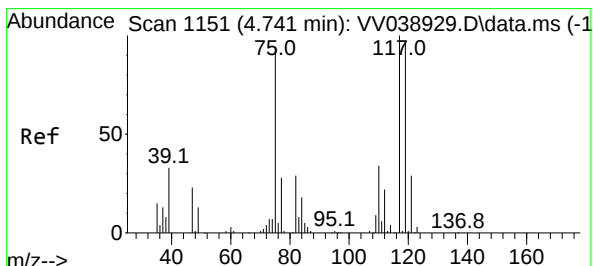
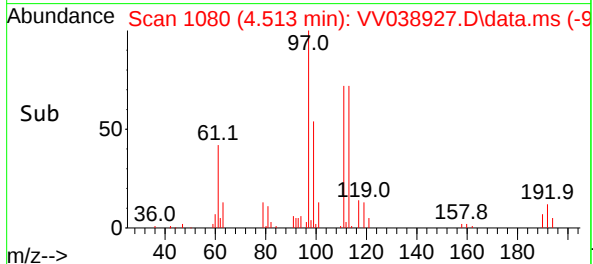
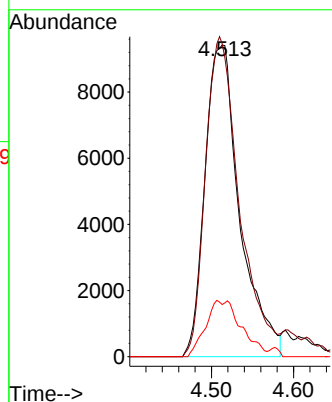
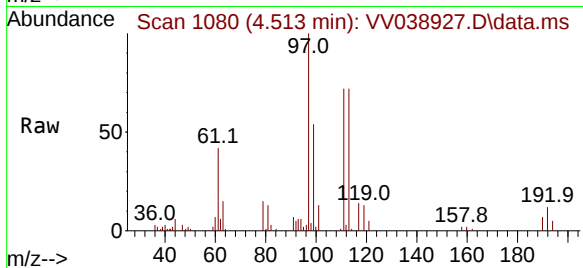
Tgt Ion:113 Resp: 27794

Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.2

192 8.9 14.9 22.3#



#36

1,1-Dichloropropene

Concen: 4.213 ug/l

RT: 4.754 min Scan# 1155

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

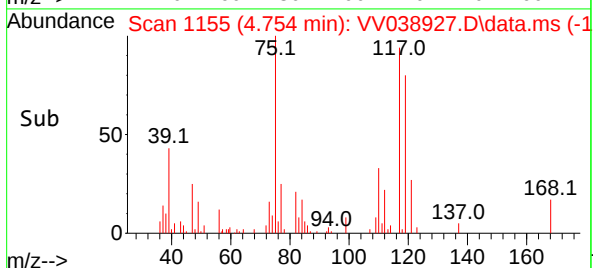
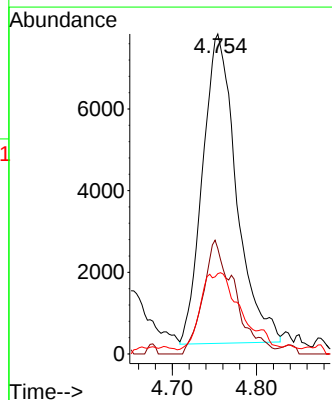
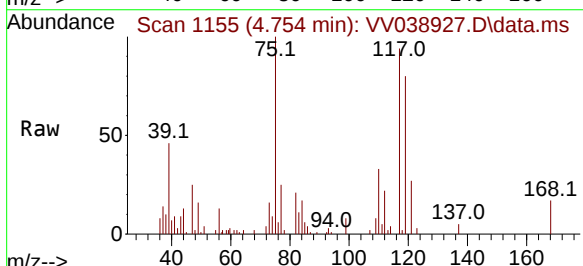
Tgt Ion: 75 Resp: 21072

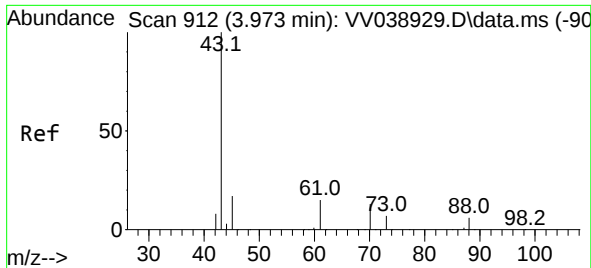
Ion Ratio Lower Upper

75 100

110 34.8 19.5 58.5

77 9.8 25.0 37.6#





#37

Ethyl Acetate

Concen: 3.915 ug/l

RT: 4.005 min Scan# 91

Delta R.T. 0.032 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

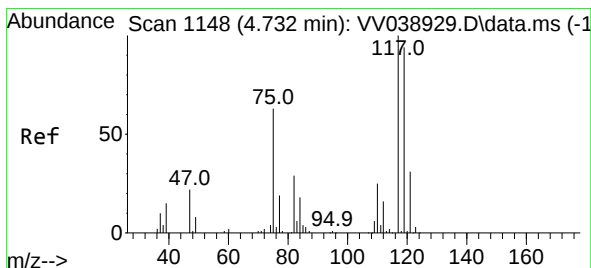
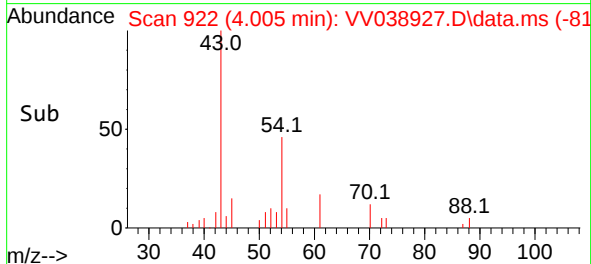
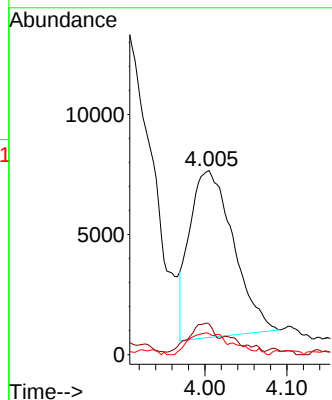
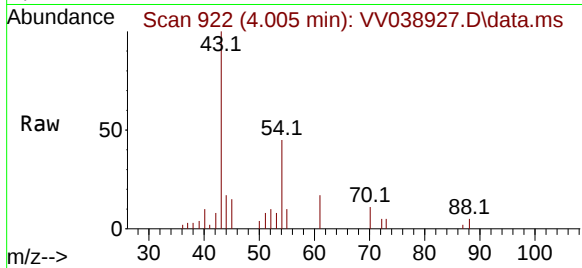
Tgt Ion: 43 Resp: 25715

Ion Ratio Lower Upper

43 100

61 10.2 12.0 18.0#

70 7.4 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.435 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

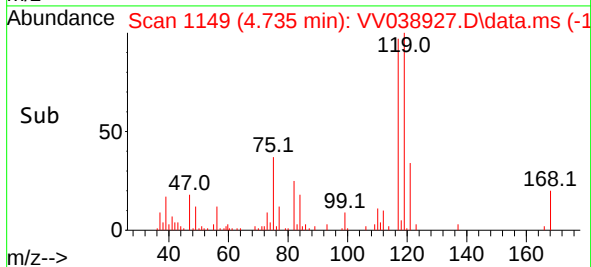
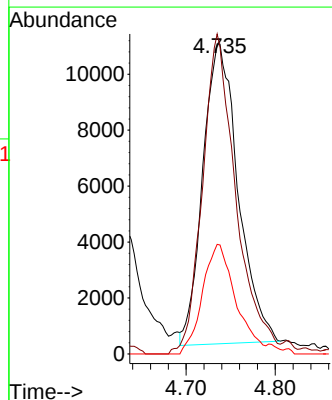
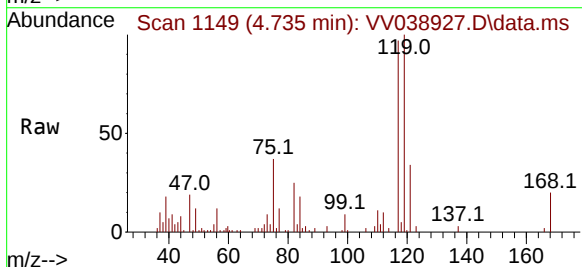
Tgt Ion:117 Resp: 29607

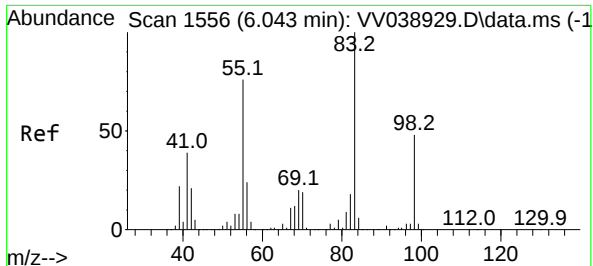
Ion Ratio Lower Upper

117 100

119 104.8 74.9 112.3

121 36.8 24.6 36.8#

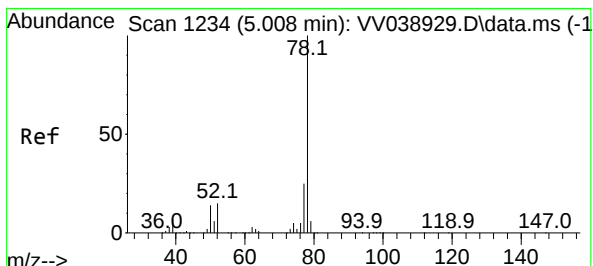
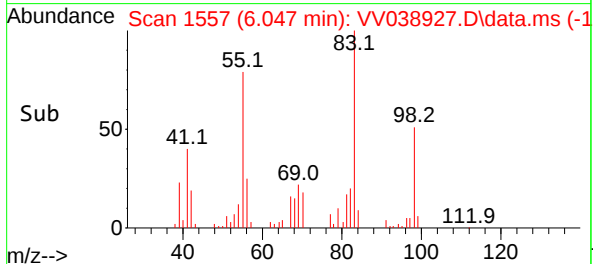
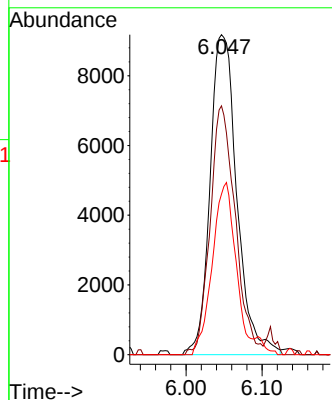
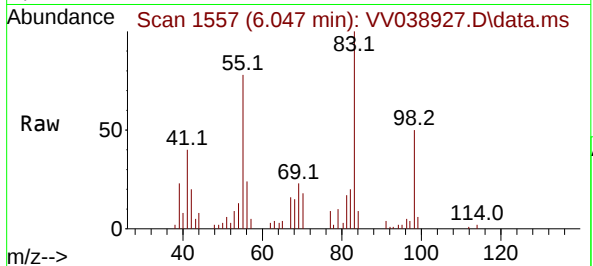




#39
Methylcyclohexane
Concen: 4.110 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

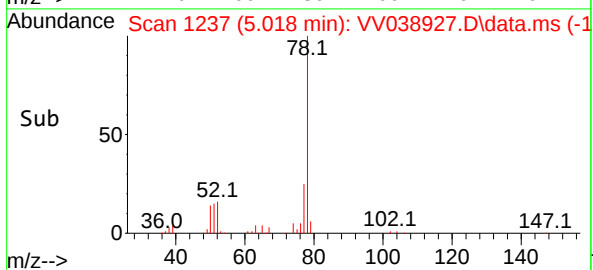
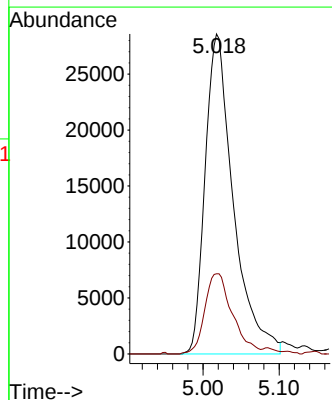
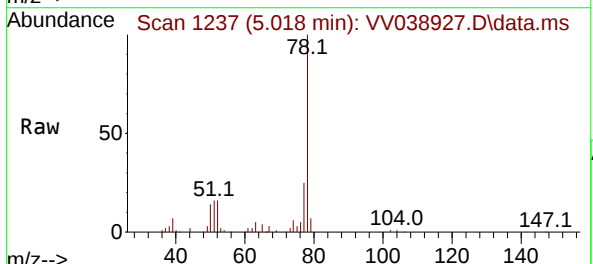
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

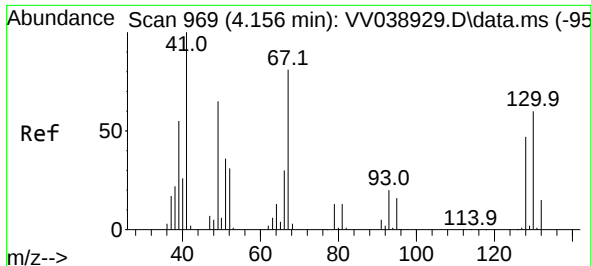
Tgt Ion: 83 Resp: 22490
Ion Ratio Lower Upper
83 100
55 77.8 60.8 91.2
98 50.2 38.6 57.8



#40
Benzene
Concen: 4.426 ug/l
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 78 Resp: 73643
Ion Ratio Lower Upper
78 100
77 25.1 19.6 29.4

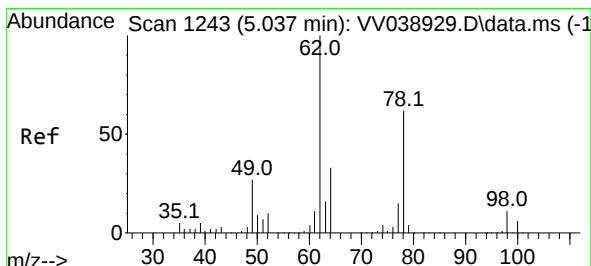
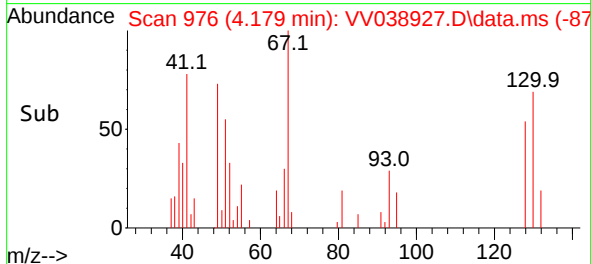
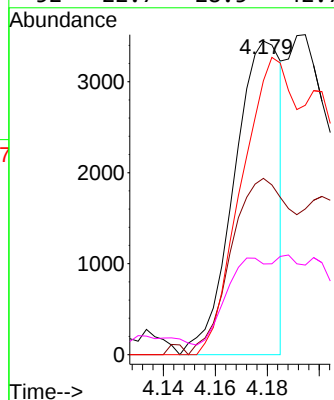
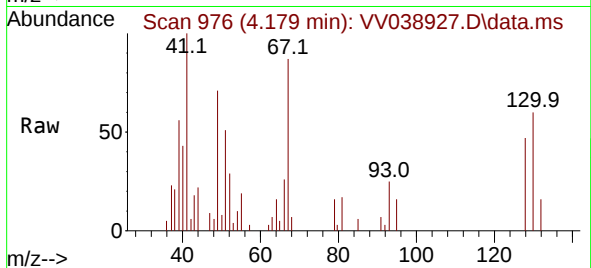




#41
Methacrylonitrile
Concen: 1.595 ug/l
RT: 4.179 min Scan# 91
Delta R.T. 0.022 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

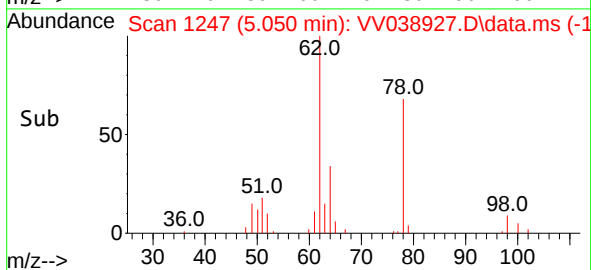
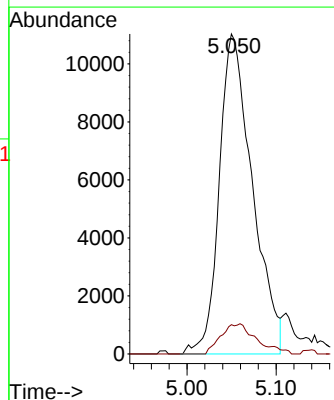
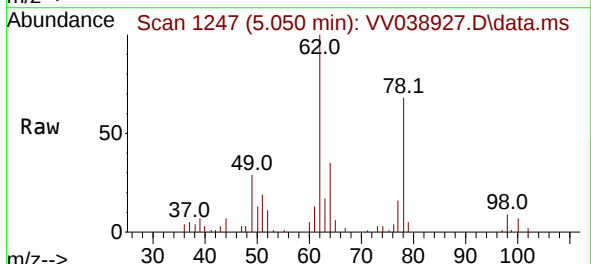
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

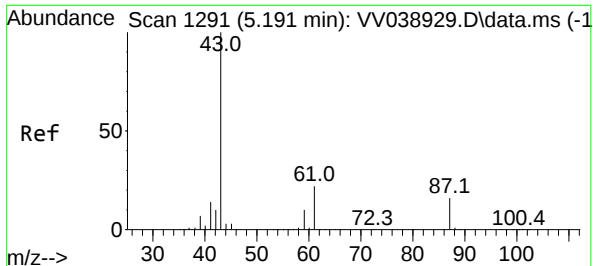
Tgt Ion: 41 Resp: 4300
Ion Ratio Lower Upper
41 100
39 72.7 41.8 62.6#
67 107.6 72.6 109.0
52 22.7 28.5 42.7#



#42
1,2-Dichloroethane
Concen: 4.404 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 62 Resp: 28468
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6

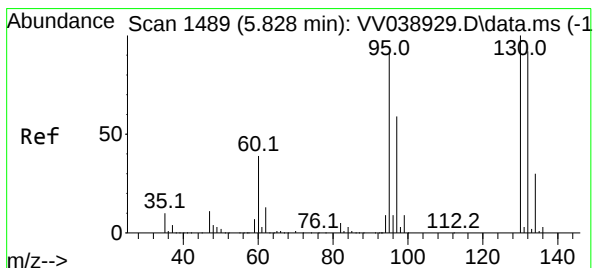
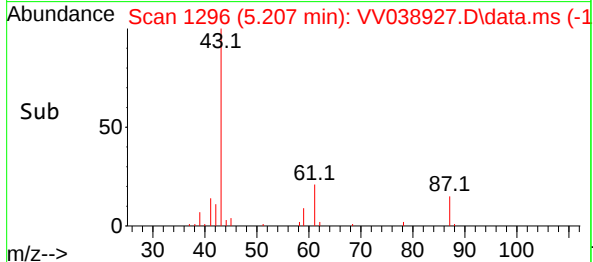
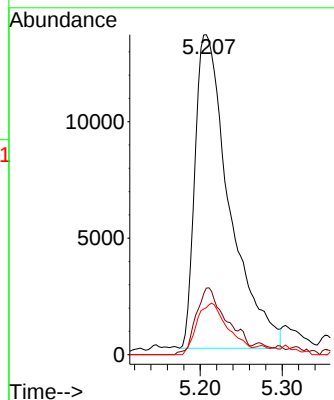
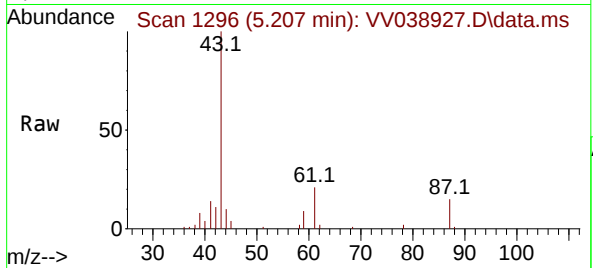




#43
Isopropyl Acetate
Concen: 4.224 ug/l
RT: 5.207 min Scan# 1291
Delta R.T. 0.016 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

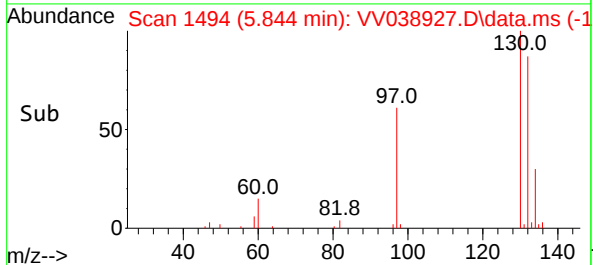
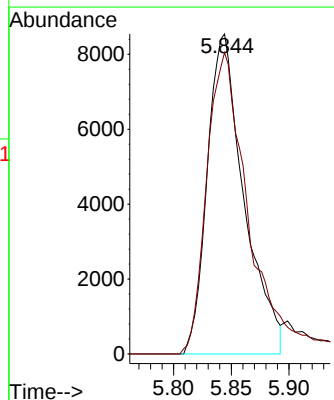
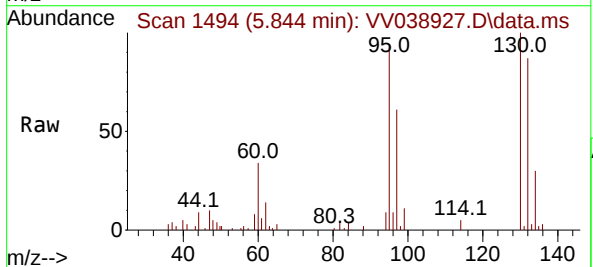
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

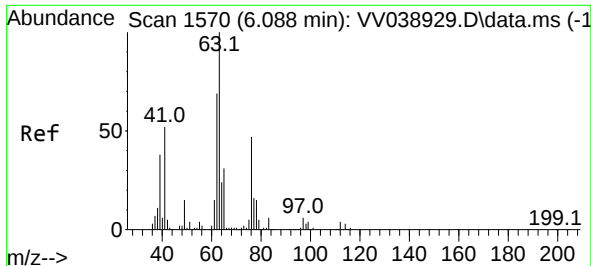
Tgt Ion: 43	Resp: 39180
Ion Ratio	Lower Upper
43	100
61	19.3 17.0 25.6
87	15.3 12.2 18.4



#44
Trichloroethene
Concen: 4.314 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 130	Resp: 18886
Ion Ratio	Lower Upper
130	100
95	94.2 0.0 181.2





#45

1,2-Dichloropropane

Concen: 4.056 ug/l

RT: 6.101 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

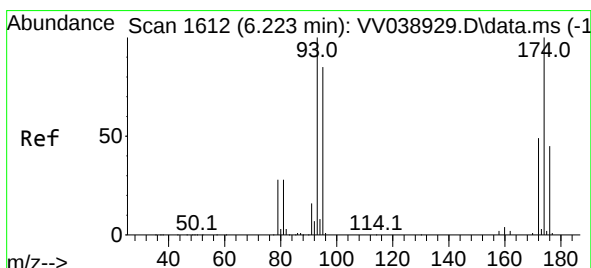
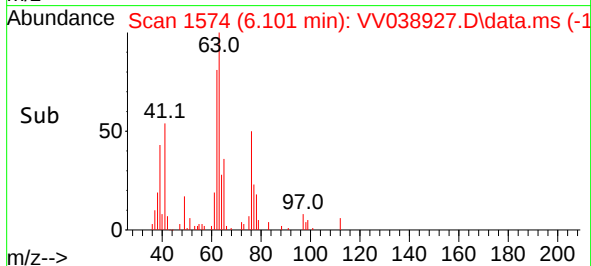
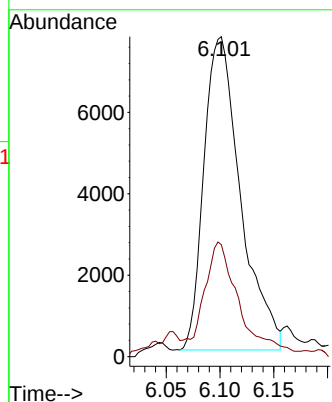
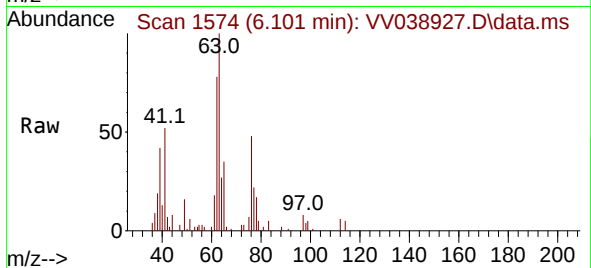
VSTDIC005

Tgt Ion: 63 Resp: 18251

Ion Ratio Lower Upper

63 100

65 32.3 25.0 37.6



#46

Dibromomethane

Concen: 4.483 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

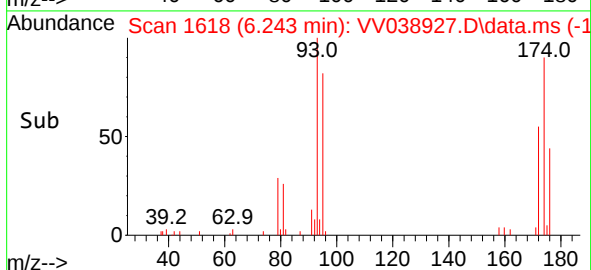
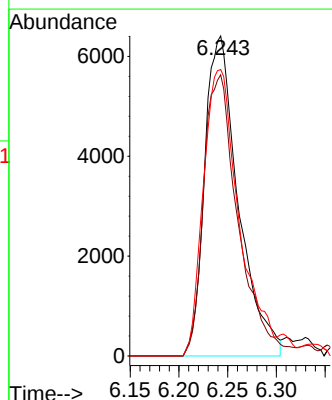
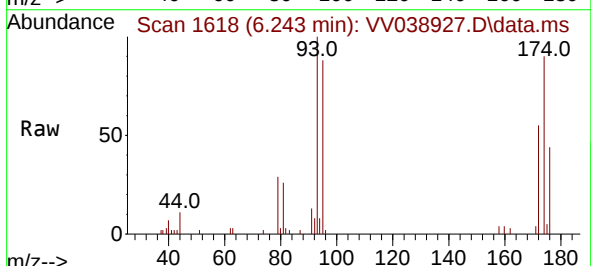
Tgt Ion: 93 Resp: 15420

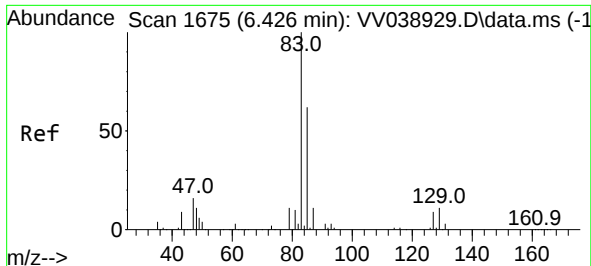
Ion Ratio Lower Upper

93 100

95 89.9 67.8 101.6

174 95.0 77.4 116.0

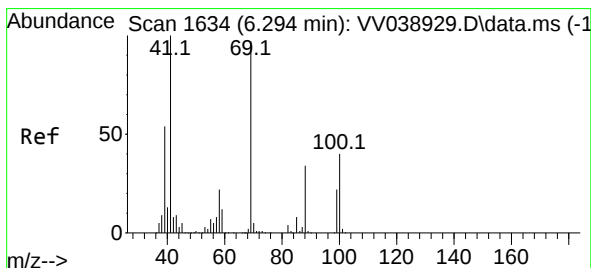
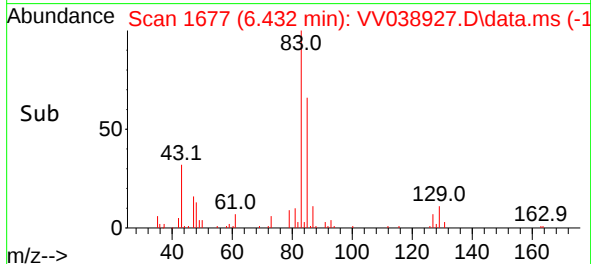
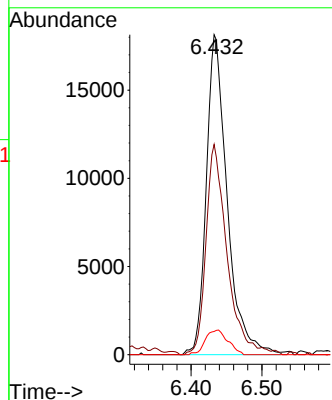
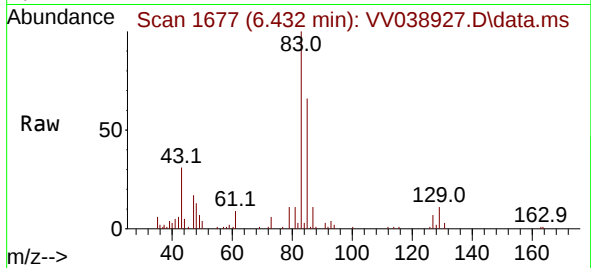




#47
Bromodichloromethane
Concen: 4.851 ug/l
RT: 6.432 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

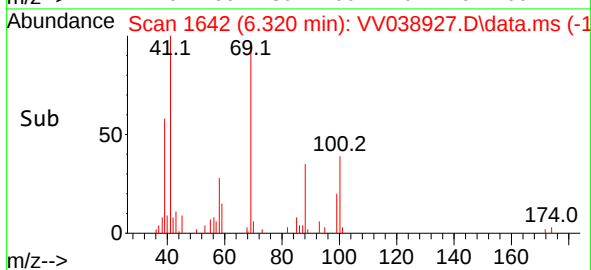
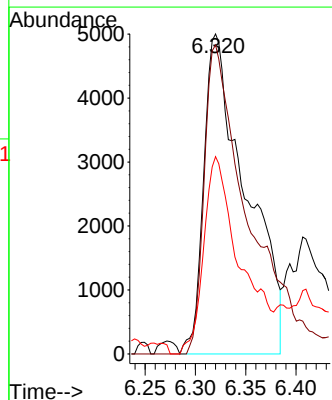
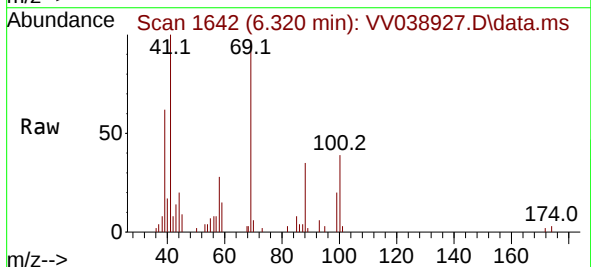
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

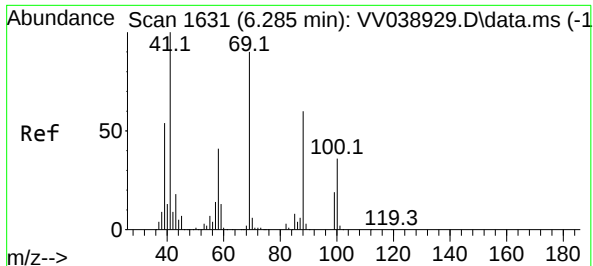
Tgt Ion: 83 Resp: 37071
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 3.686 ug/l
RT: 6.320 min Scan# 1642
Delta R.T. 0.026 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 41 Resp: 14584
Ion Ratio Lower Upper
41 100
69 101.2 78.4 117.6
39 53.8 43.3 64.9





#49

1,4-Dioxane

Concen: 74.052 ug/l

RT: 6.310 min Scan# 1

Delta R.T. 0.026 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

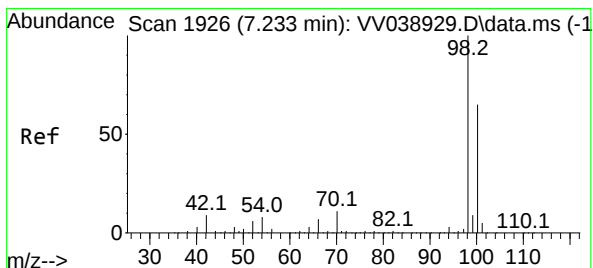
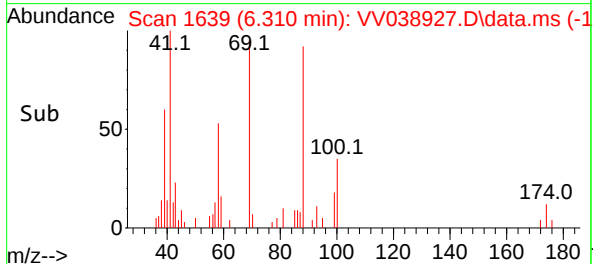
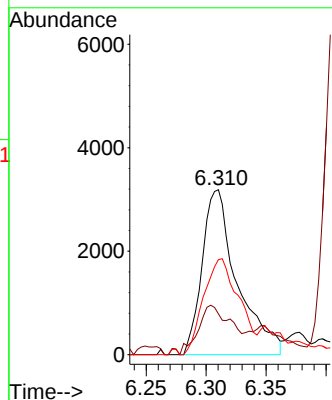
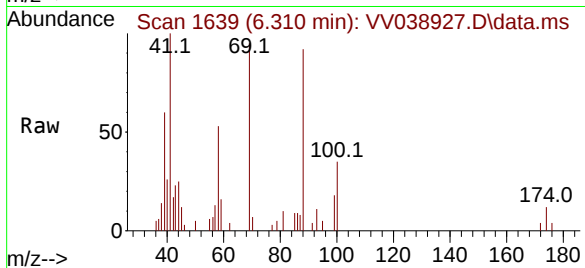
Tgt Ion: 88 Resp: 6498

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.2

58 58.8 55.4 83.2



#50

Toluene-d8

Concen: 4.543 ug/l

RT: 7.243 min Scan# 1929

Delta R.T. 0.010 min

Lab File: VV038927.D

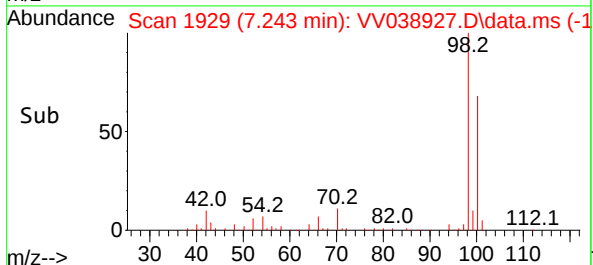
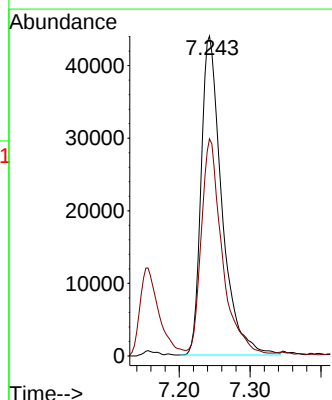
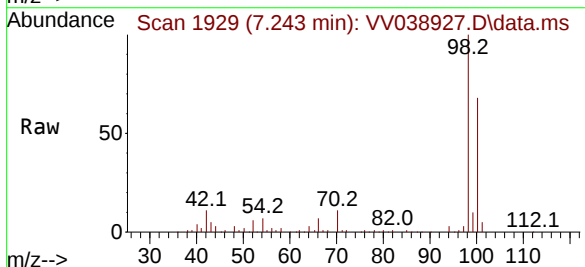
Acq: 08 Aug 2025 10:35

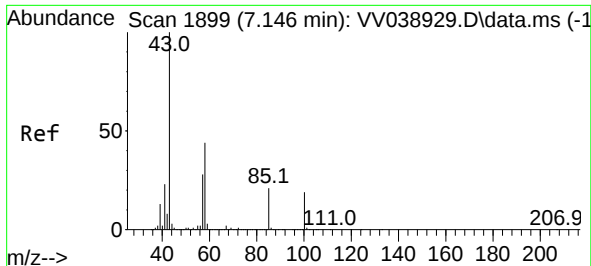
Tgt Ion: 98 Resp: 89234

Ion Ratio Lower Upper

98 100

100 67.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 21.641 ug/l

RT: 7.156 min Scan# 1902

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

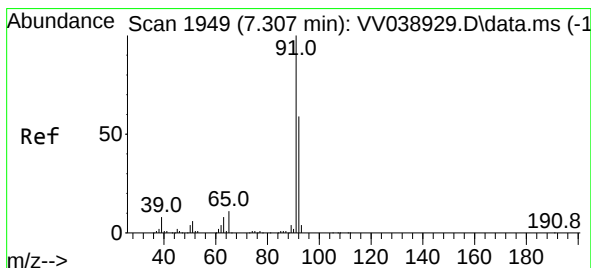
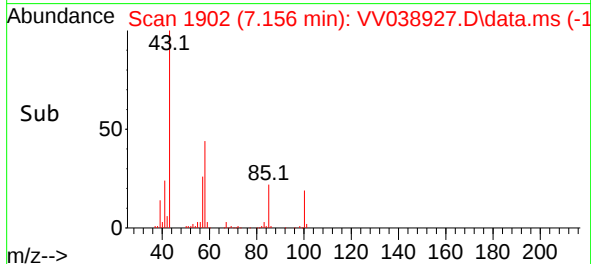
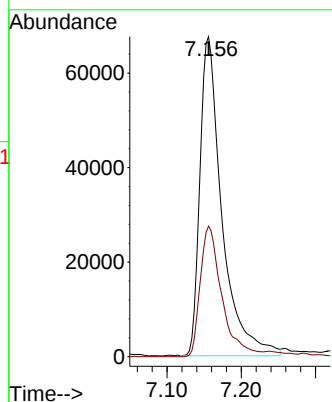
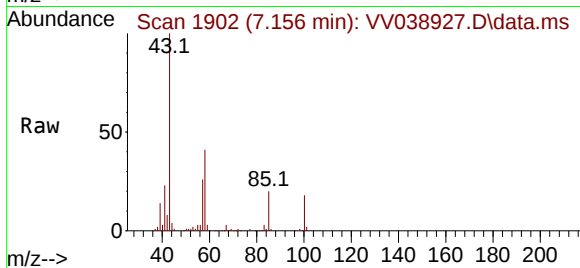
VSTDICC005

Tgt Ion: 43 Resp: 139132

Ion Ratio Lower Upper

43 100

58 40.1 34.2 51.2



#52

Toluene

Concen: 4.272 ug/l

RT: 7.317 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV038927.D

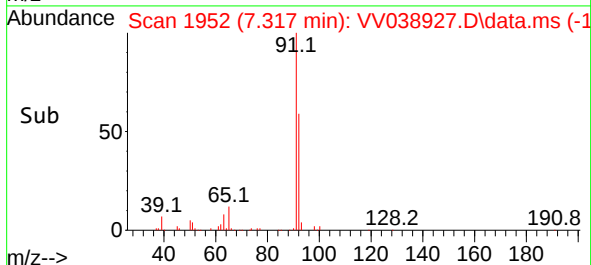
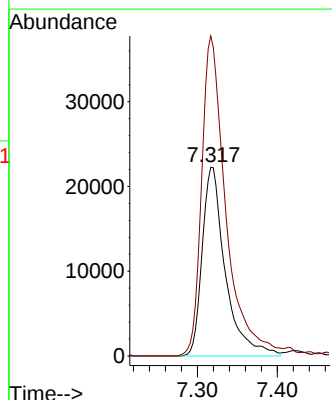
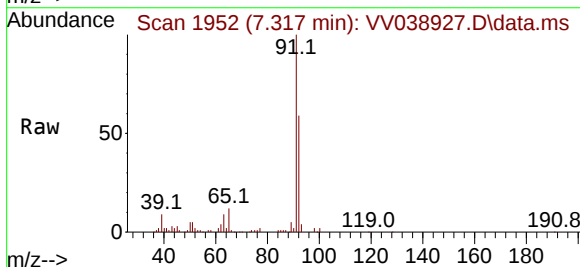
Acq: 08 Aug 2025 10:35

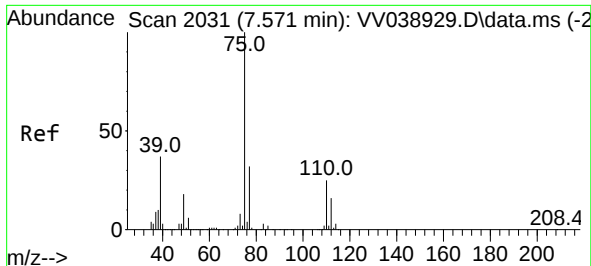
Tgt Ion: 92 Resp: 44878

Ion Ratio Lower Upper

92 100

91 177.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 4.423 ug/l

RT: 7.590 min Scan# 2031

Delta R.T. 0.019 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

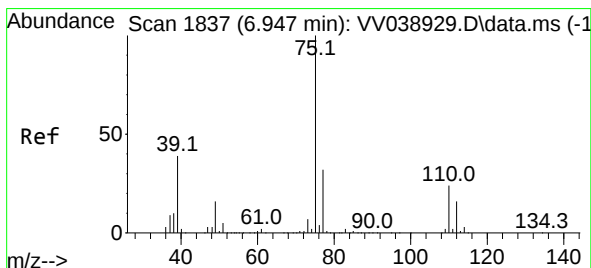
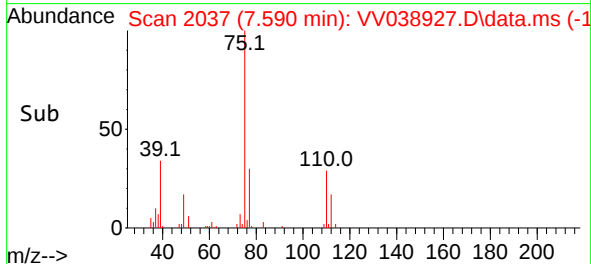
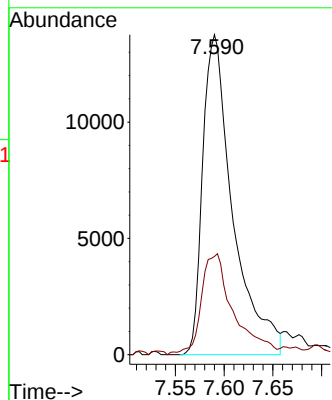
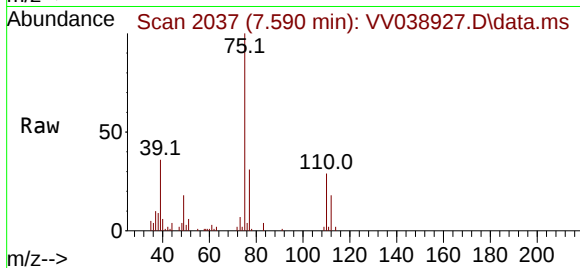
VSTDIC005

Tgt Ion: 75 Resp: 29567

Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 4.338 ug/l

RT: 6.960 min Scan# 1841

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

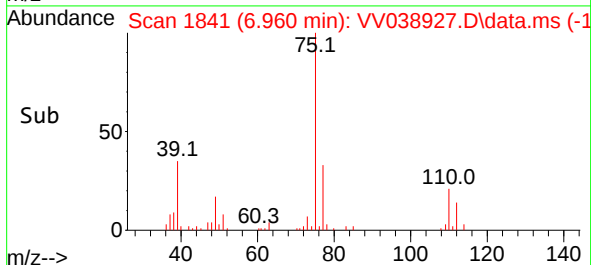
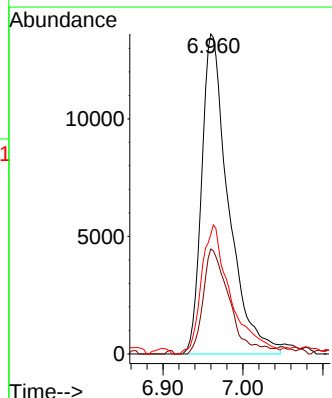
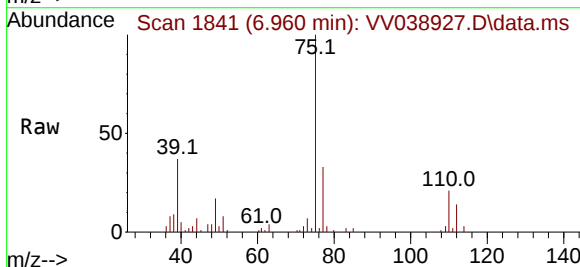
Tgt Ion: 75 Resp: 31663

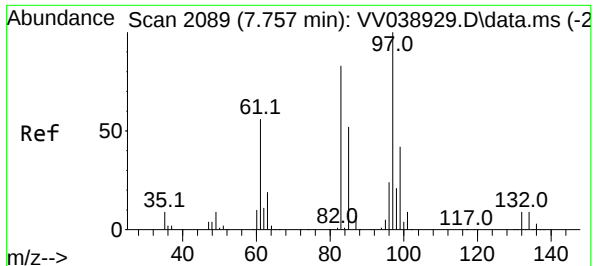
Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

39 37.3 31.6 47.4

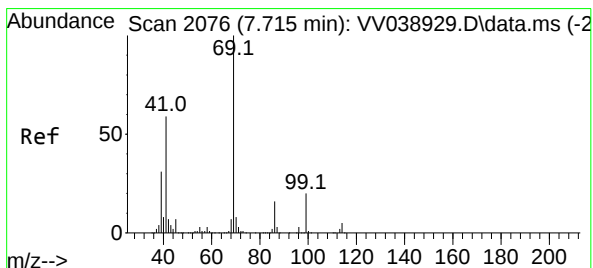
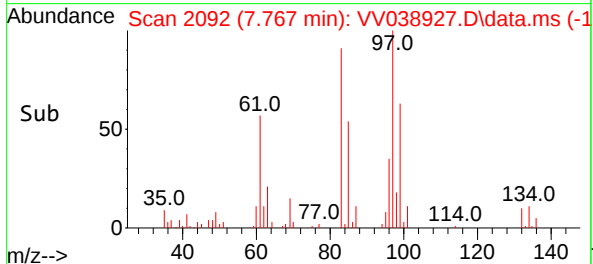
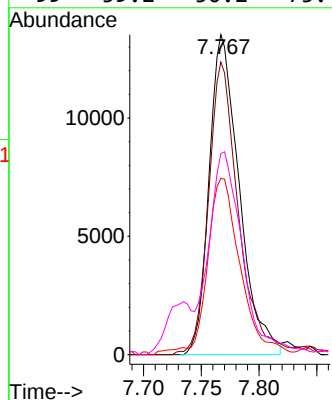
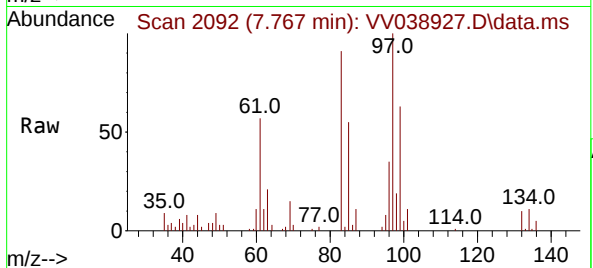




#55
 1,1,2-Trichloroethane
 Concen: 4.766 ug/l
 RT: 7.767 min Scan# 2089
 Delta R.T. 0.010 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

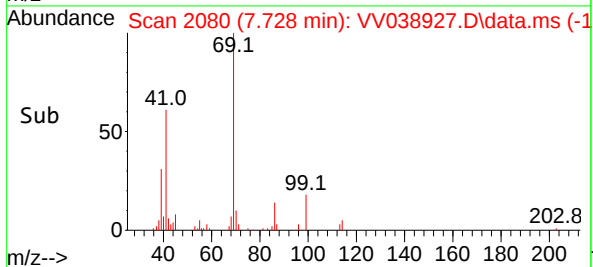
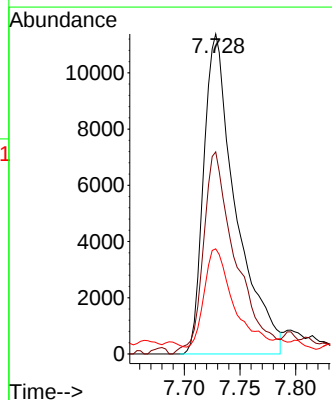
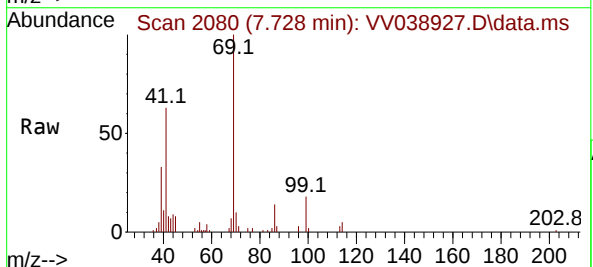
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

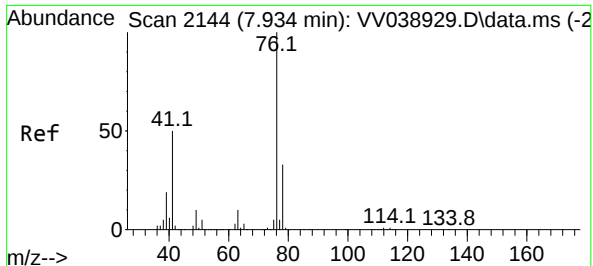
Tgt Ion:	97	Resp:	24501
Ion	Ratio	Lower	Upper
97	100		
83	90.4	66.2	99.4
85	53.1	42.9	64.3
99	59.2	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 4.574 ug/l
 RT: 7.728 min Scan# 2080
 Delta R.T. 0.013 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion:	69	Resp:	22797
Ion	Ratio	Lower	Upper
69	100		
41	63.9	45.8	68.8
39	27.8	23.4	35.0





#57

1,3-Dichloropropane

Concen: 4.606 ug/l

RT: 7.940 min Scan# 2144

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

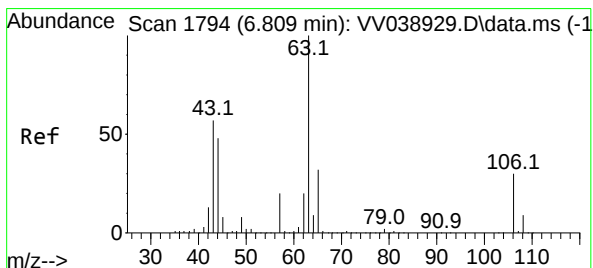
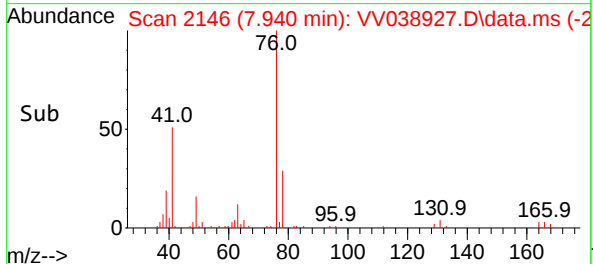
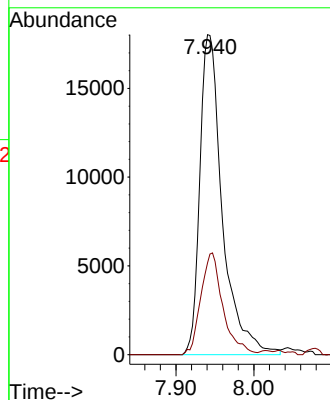
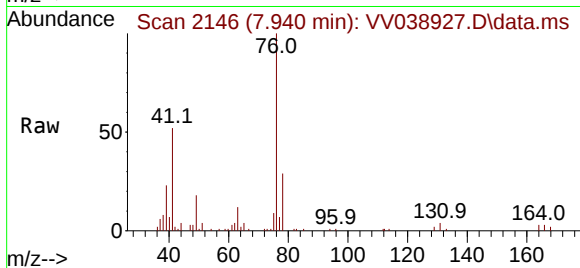
VSTDIC005

Tgt Ion: 76 Resp: 36215

Ion Ratio Lower Upper

76 100

78 31.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 21.458 ug/l

RT: 6.822 min Scan# 1798

Delta R.T. 0.013 min

Lab File: VV038927.D

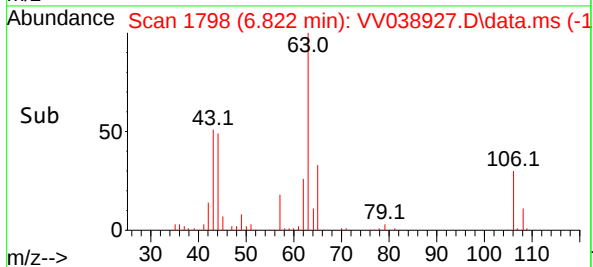
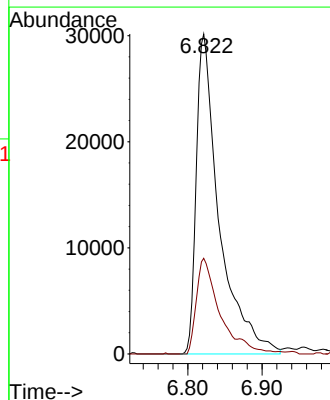
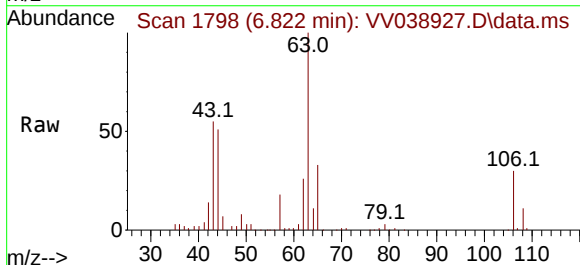
Acq: 08 Aug 2025 10:35

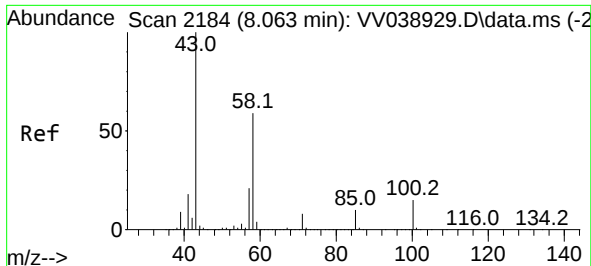
Tgt Ion: 63 Resp: 64724

Ion Ratio Lower Upper

63 100

106 30.6 24.1 36.1

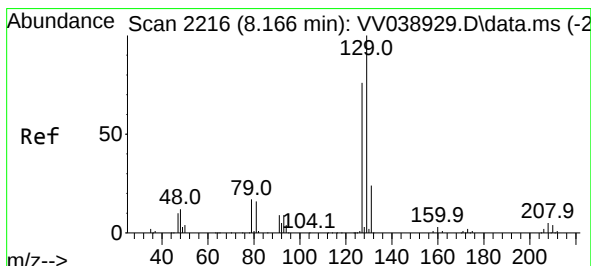
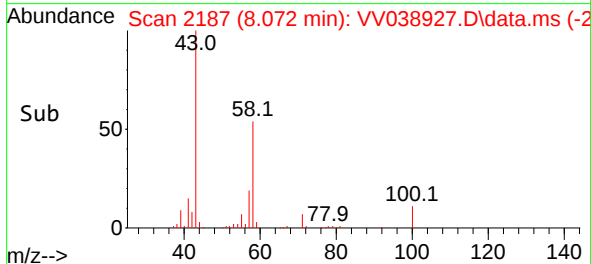
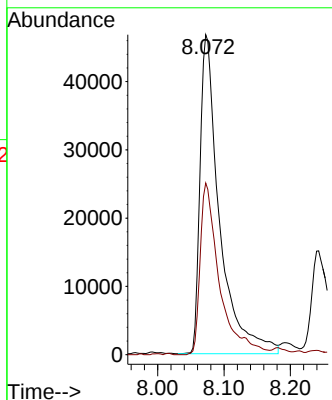
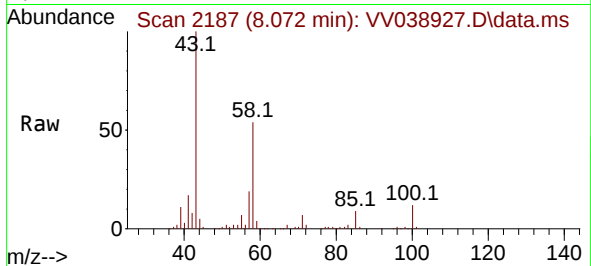




#59
2-Hexanone
Concen: 20.593 ug/l
RT: 8.072 min Scan# 2184
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

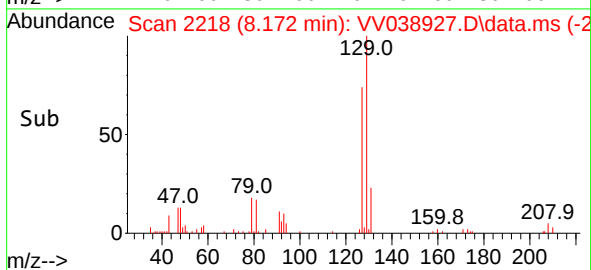
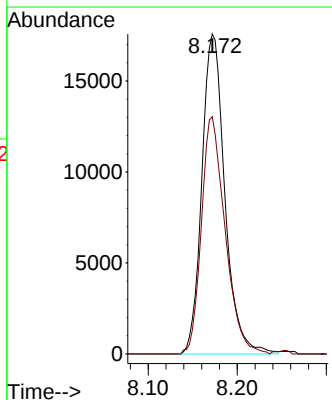
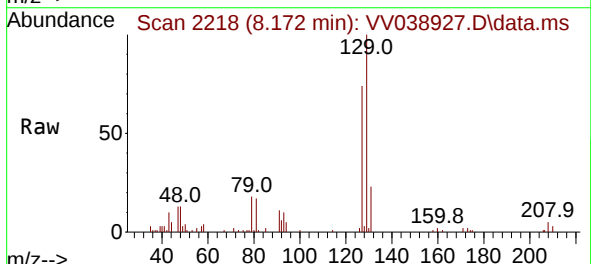
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

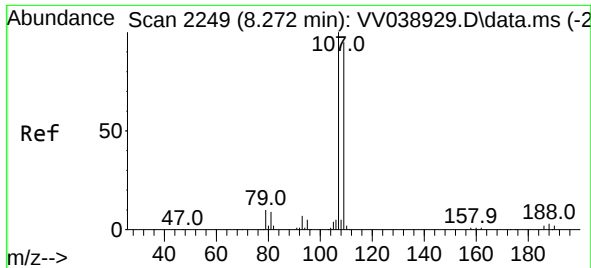
Tgt Ion: 43 Resp: 95565
Ion Ratio Lower Upper
43 100
58 53.1 29.3 87.8



#60
Dibromochloromethane
Concen: 5.003 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 129 Resp: 31490
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

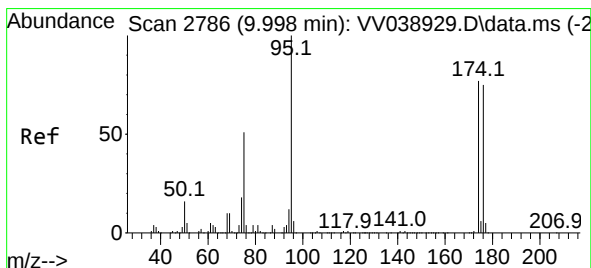
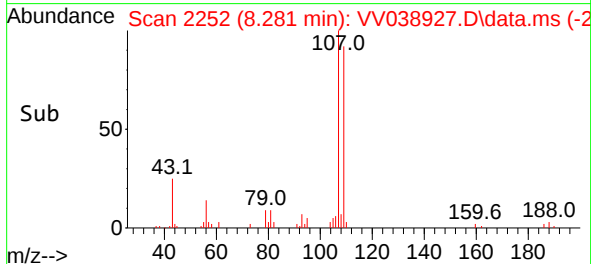
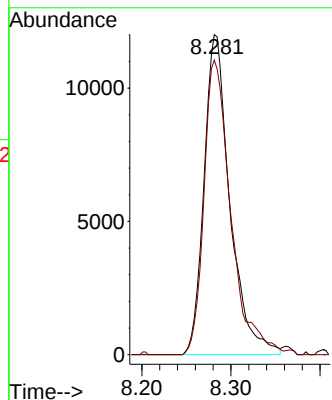
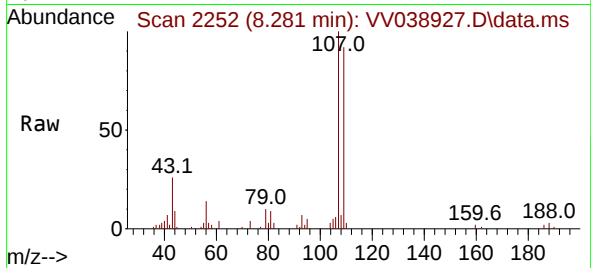




#61
 1,2-Dibromoethane
 Concen: 4.748 ug/l
 RT: 8.281 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

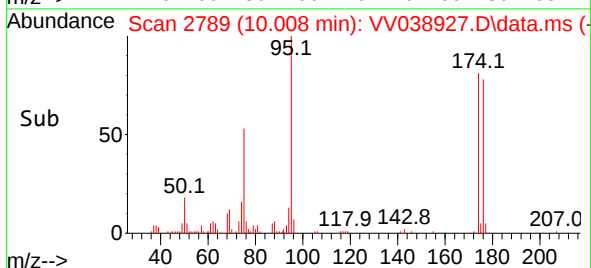
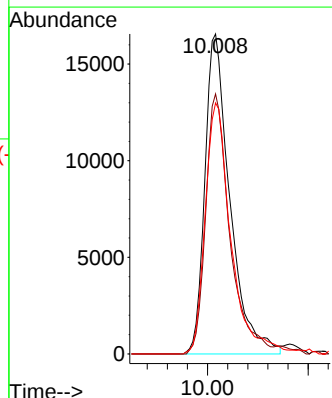
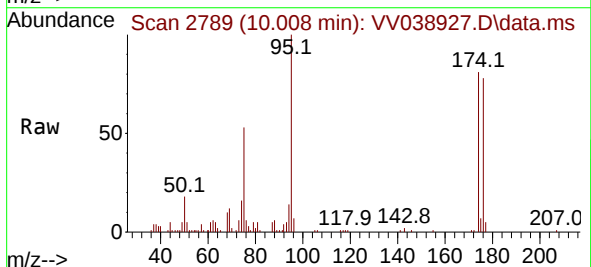
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

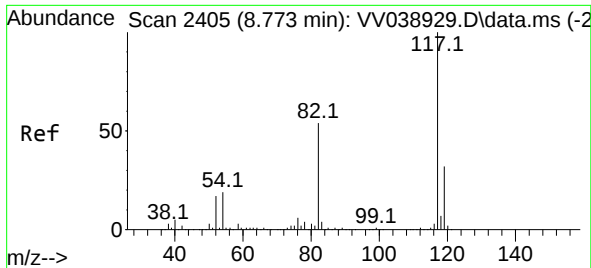
Tgt Ion:107 Resp: 24230
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 4.041 ug/l
 RT: 10.008 min Scan# 2789
 Delta R.T. 0.010 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion: 95 Resp: 28588
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 156.6
 176 80.8 0.0 153.0

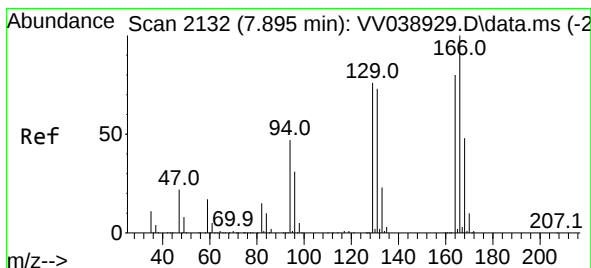
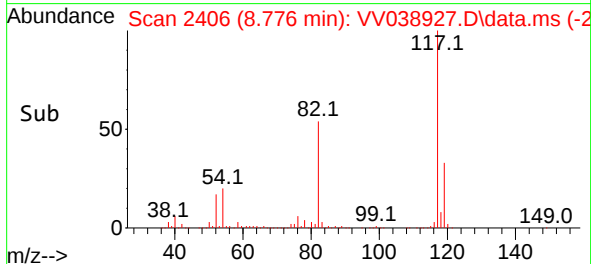
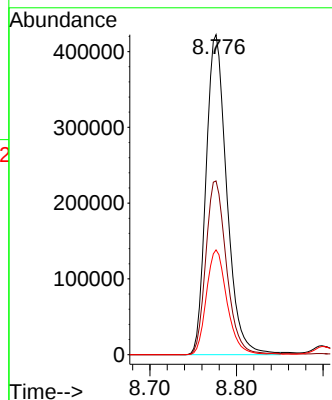
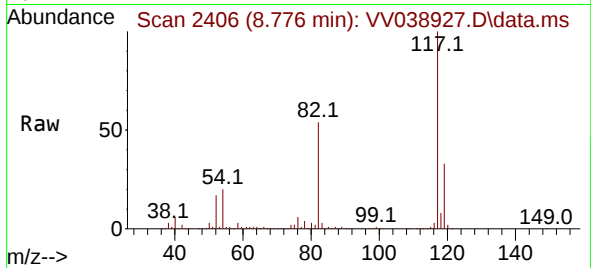




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

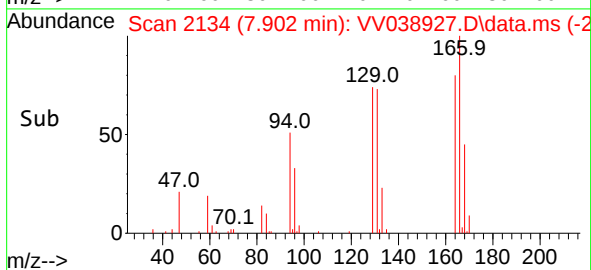
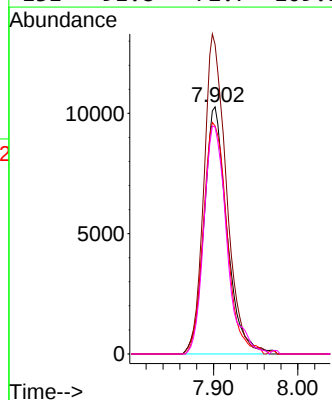
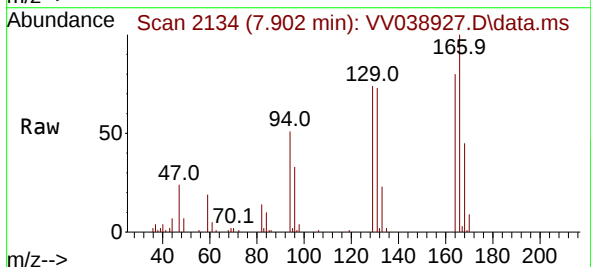
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

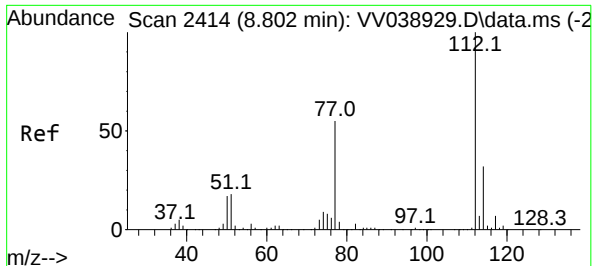
Tgt Ion:117 Resp: 702018
Ion Ratio Lower Upper
117 100
82 54.3 43.2 64.8
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 4.718 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:164 Resp: 19439
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 92.3 76.7 115.1
131 91.8 72.7 109.1

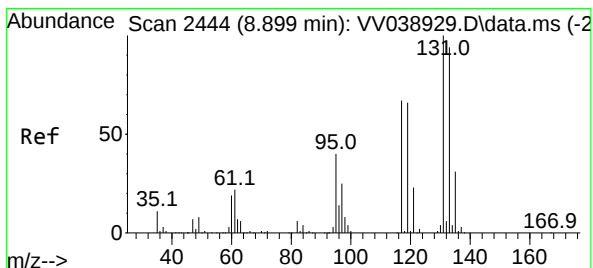
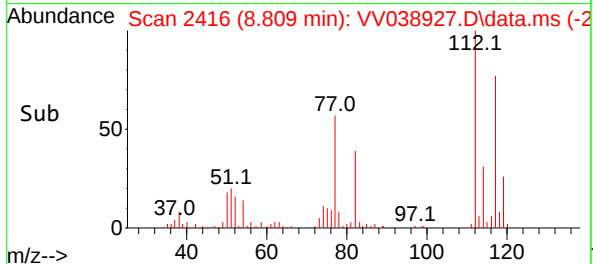
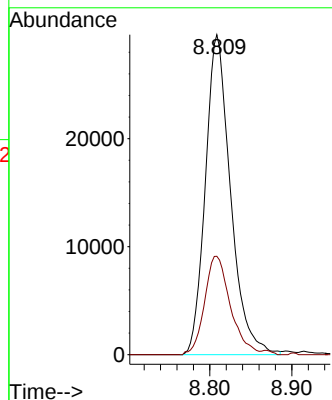
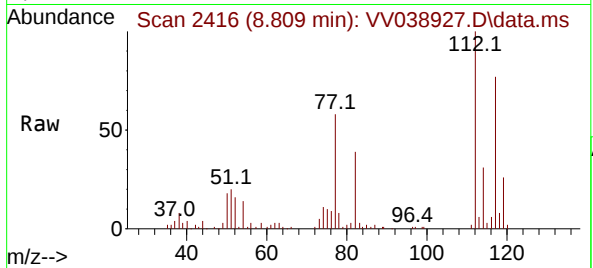




#65
Chlorobenzene
Concen: 4.607 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

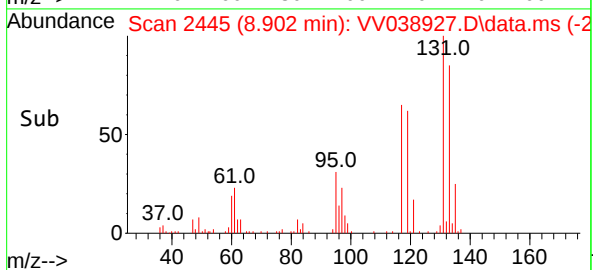
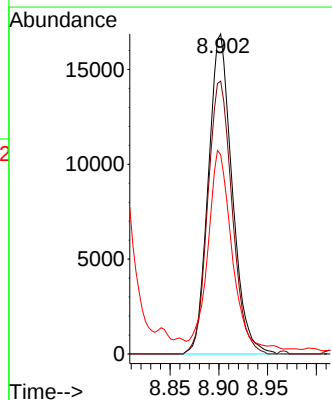
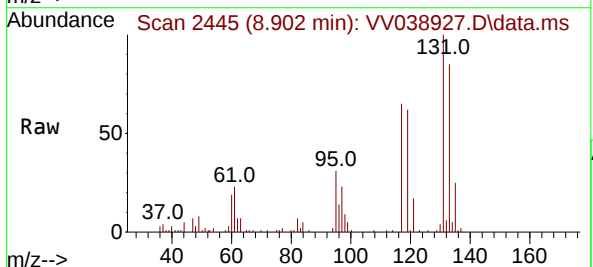
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

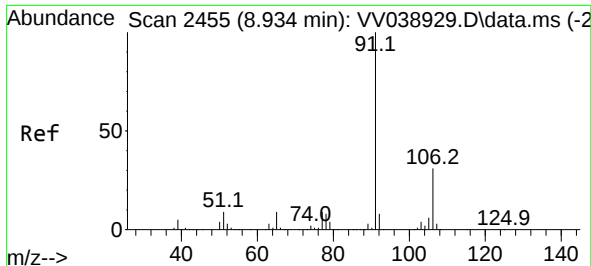
Tgt Ion:112 Resp: 63223
Ion Ratio Lower Upper
112 100
114 30.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.317 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:131 Resp: 28702
Ion Ratio Lower Upper
131 100
133 87.0 47.5 142.5
119 61.4 32.8 98.3





#67

Ethyl Benzene

Concen: 4.216 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

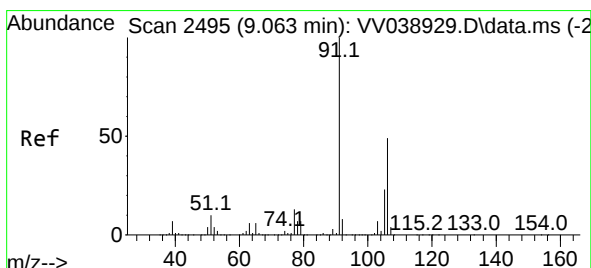
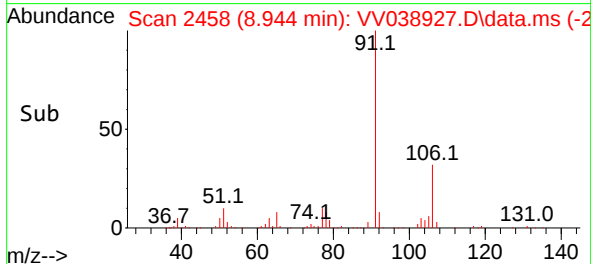
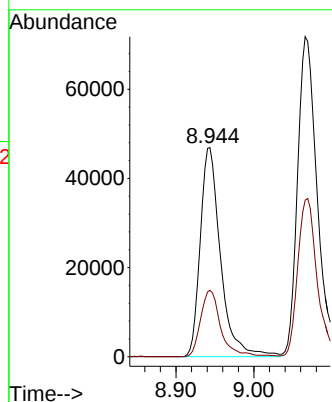
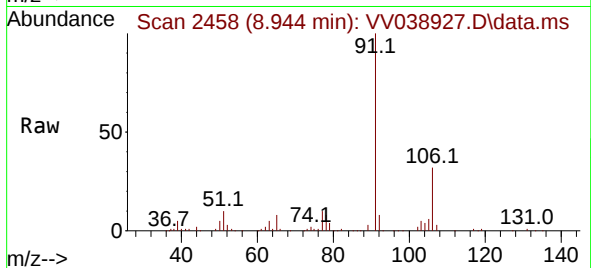
VSTDIC005

Tgt Ion: 91 Resp: 84977

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 8.006 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.006 min

Lab File: VV038927.D

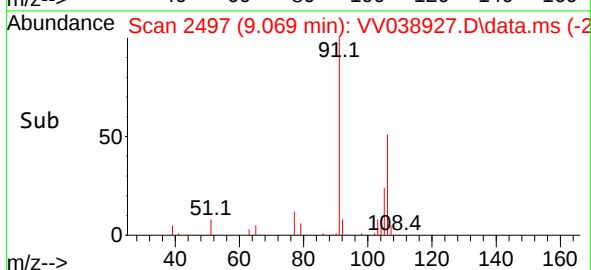
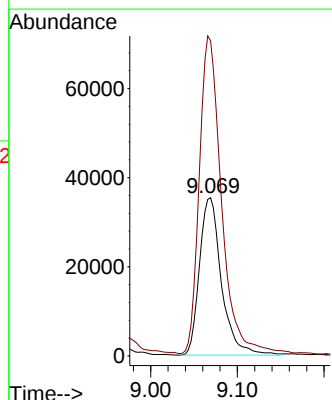
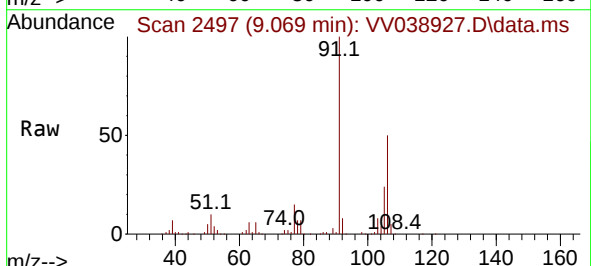
Acq: 08 Aug 2025 10:35

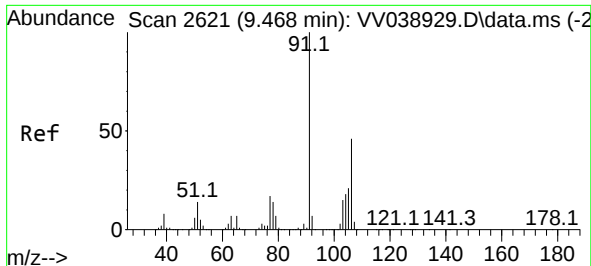
Tgt Ion: 106 Resp: 62193

Ion Ratio Lower Upper

106 100

91 204.4 163.4 245.2

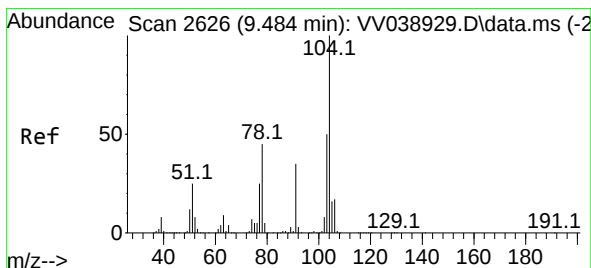
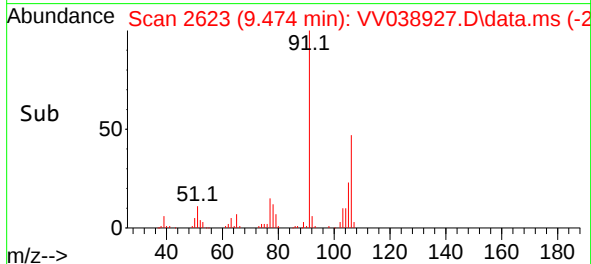
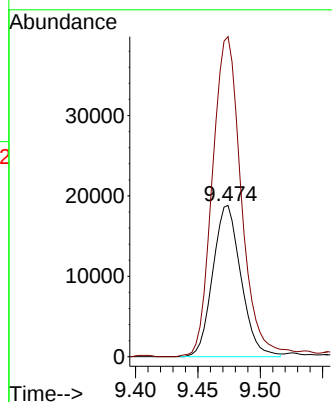
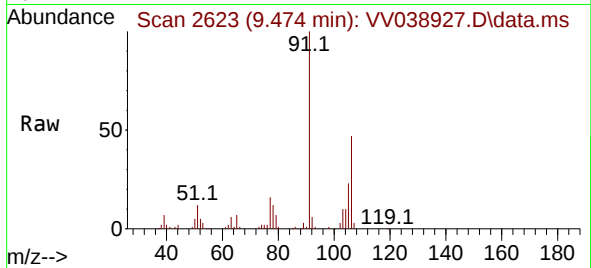




#69
o-Xylene
Concen: 4.050 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

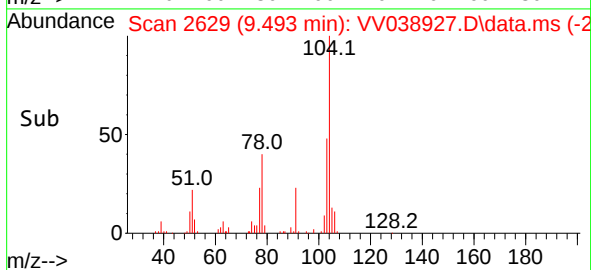
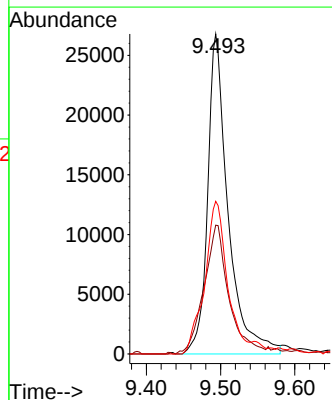
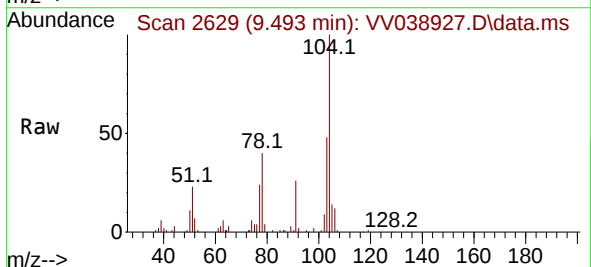
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

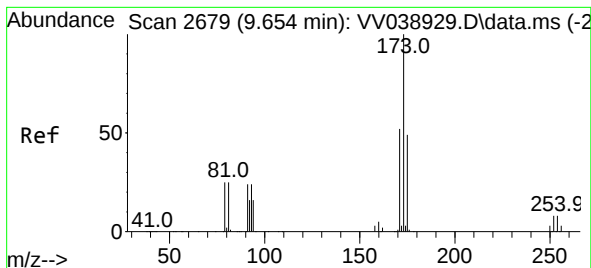
Tgt Ion:106 Resp: 29585
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.3



#70
Styrene
Concen: 3.899 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:104 Resp: 51275
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 52.4 43.8 65.6





#71

Bromoform

Concen: 4.678 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

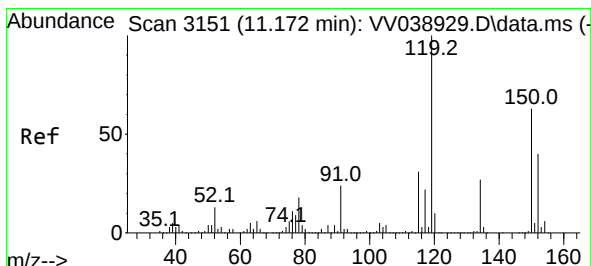
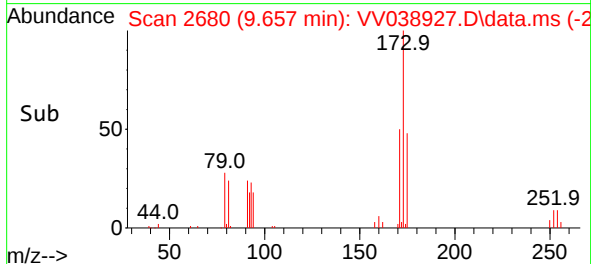
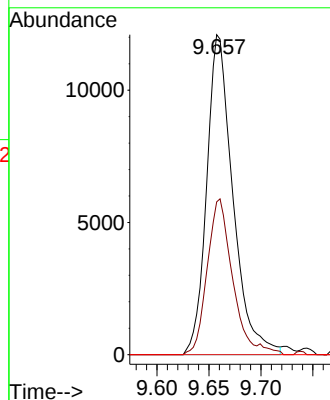
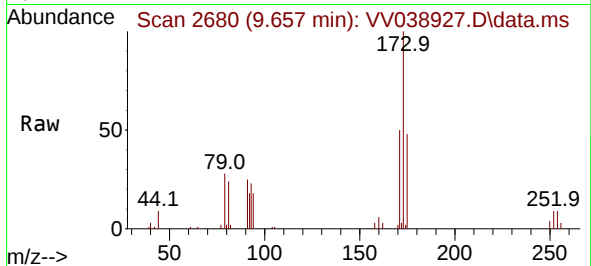
Tgt Ion:173 Resp: 21219

Ion Ratio Lower Upper

173 100

175 47.3 24.3 72.9

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: VV038927.D

Acq: 08 Aug 2025 10:35

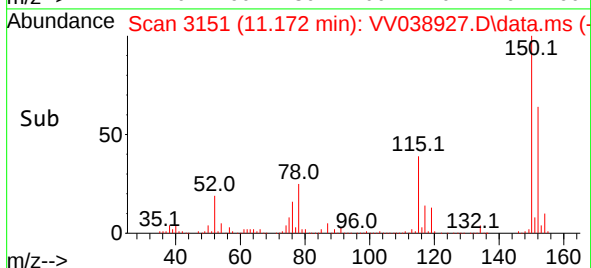
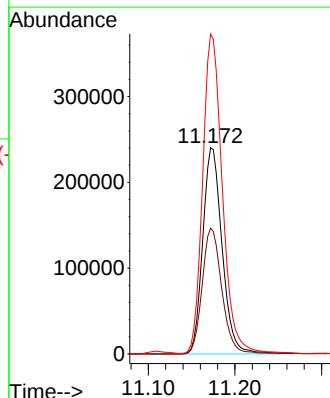
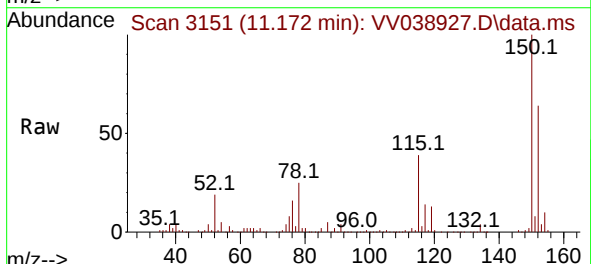
Tgt Ion:152 Resp: 373535

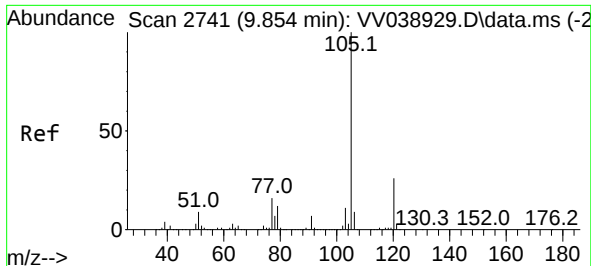
Ion Ratio Lower Upper

152 100

115 61.8 41.0 123.2

150 157.4 0.0 345.4

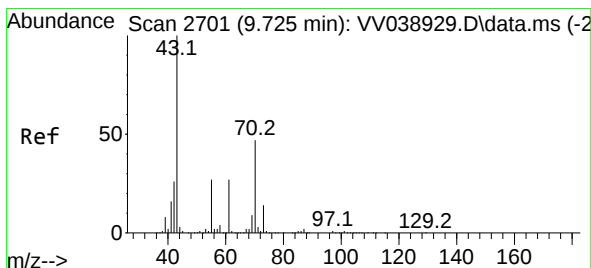
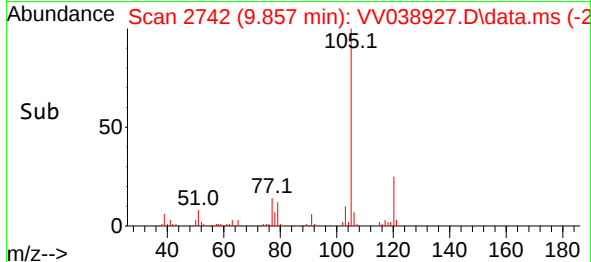
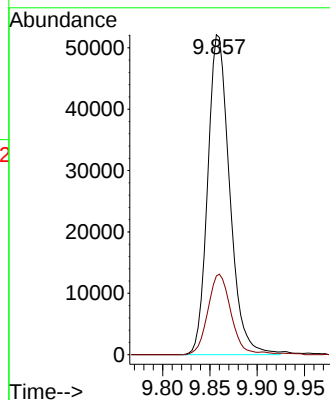
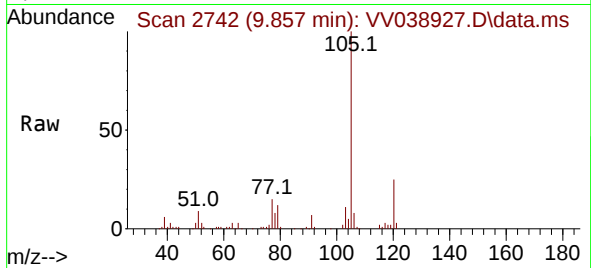




#73
Isopropylbenzene
Concen: 4.317 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

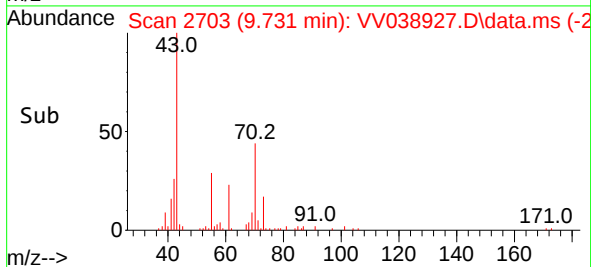
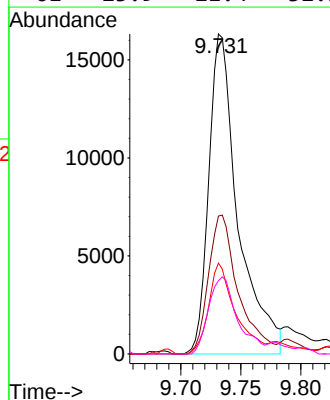
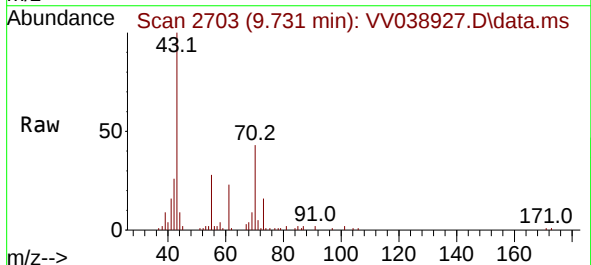
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

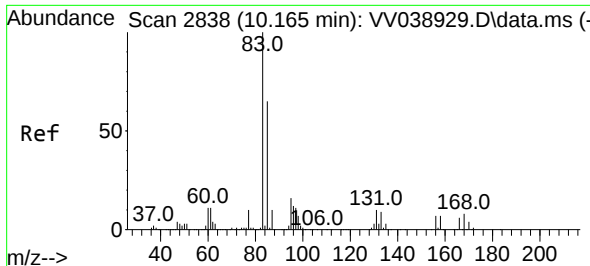
Tgt Ion:105 Resp: 84176
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 4.040 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 27679
Ion Ratio Lower Upper
43 100
70 44.3 37.4 56.0
55 26.1 22.1 33.1
61 23.9 21.4 32.2

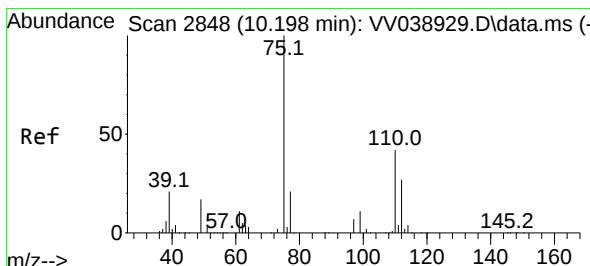
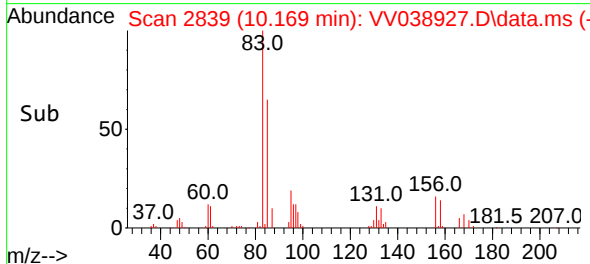
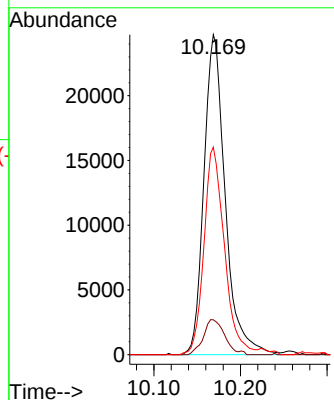
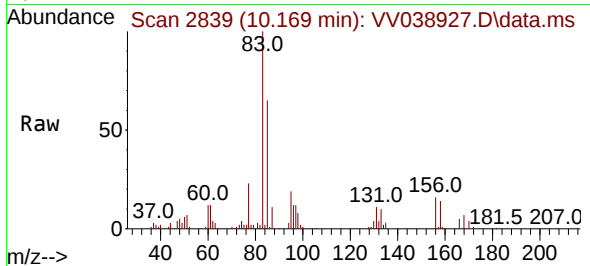




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.062 ug/l
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

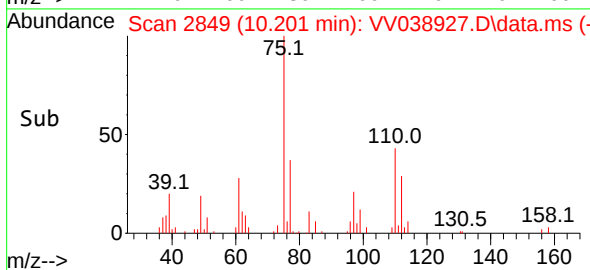
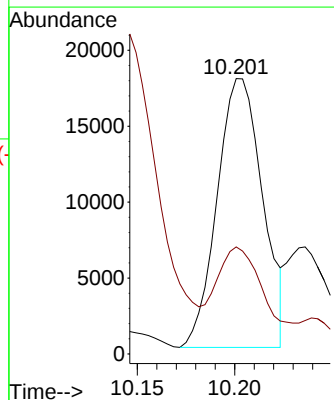
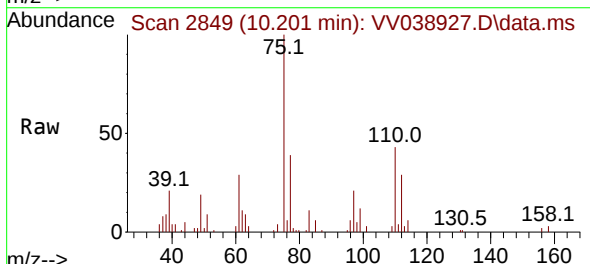
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

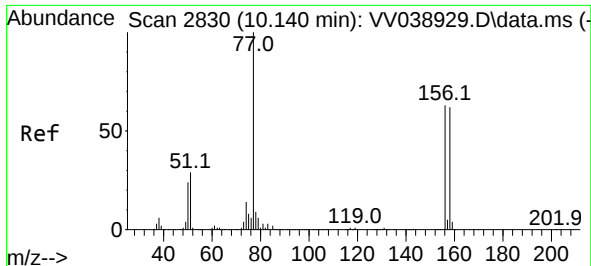
Tgt Ion: 83 Resp: 42199
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 14.9
 85 62.2 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 4.712 ug/l
 RT: 10.201 min Scan# 2849
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion: 75 Resp: 28781
 Ion Ratio Lower Upper
 75 100
 77 28.8 11.9 35.9

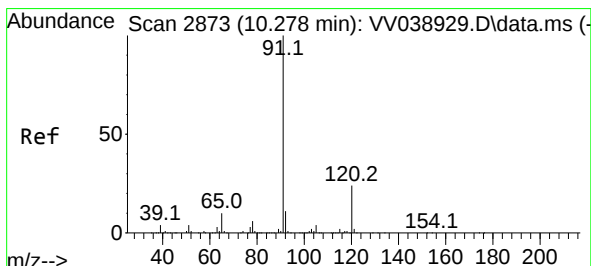
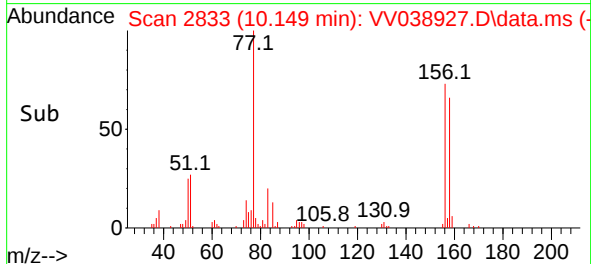
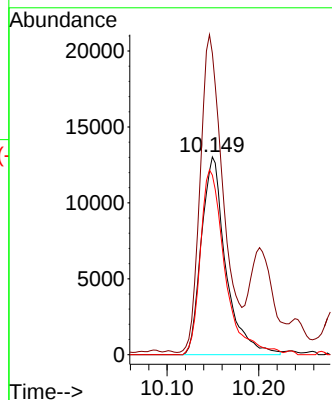
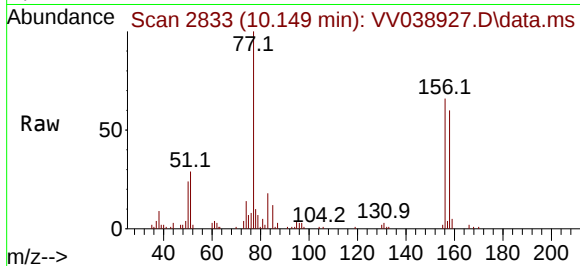




#77
Bromobenzene
Concen: 4.598 ug/l
RT: 10.149 min Scan# 2830
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

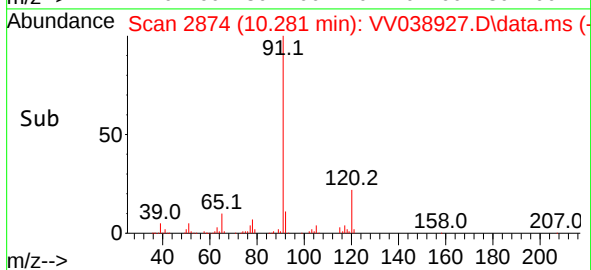
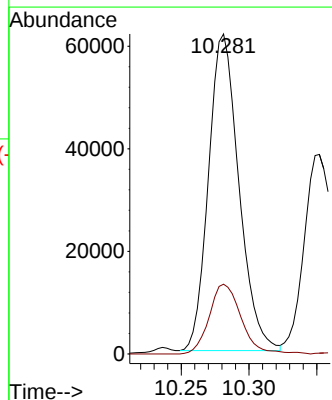
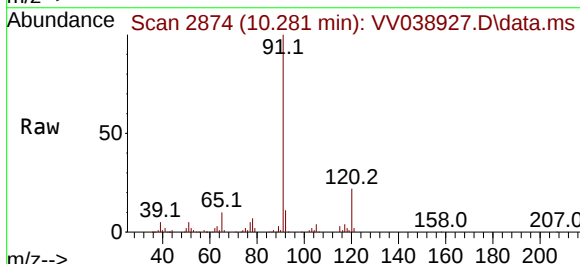
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

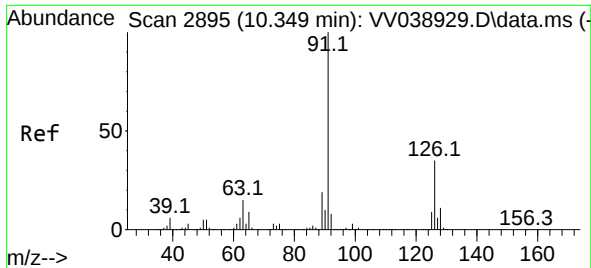
Tgt Ion:156 Resp: 24068
Ion Ratio Lower Upper
156 100
77 149.7 78.8 236.5
158 94.5 49.6 148.8



#78
n-propylbenzene
Concen: 4.185 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 91 Resp: 96245
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7

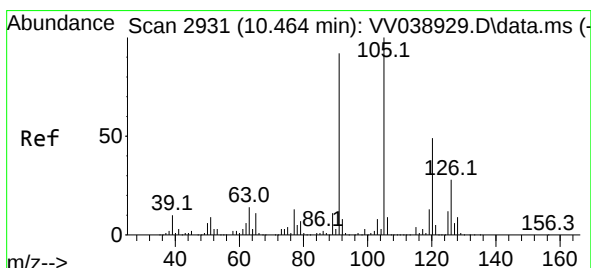
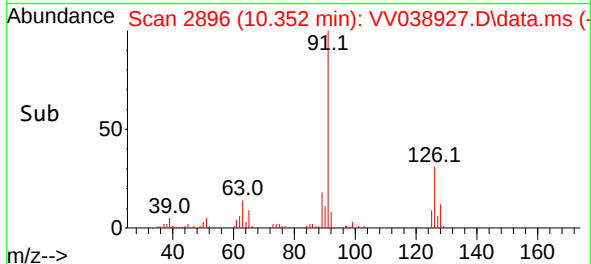
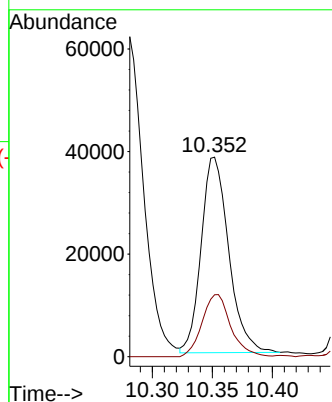
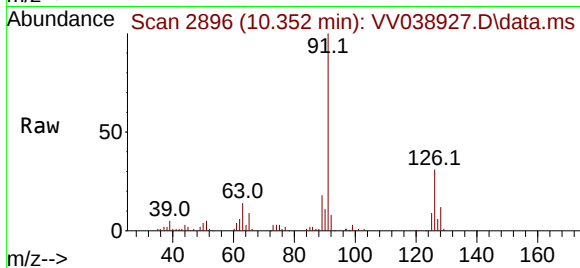




#79
2-Chlorotoluene
Concen: 4.331 ug/l
RT: 10.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

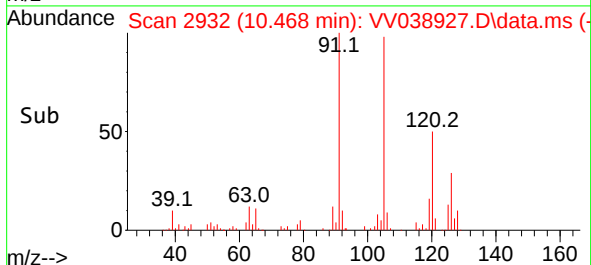
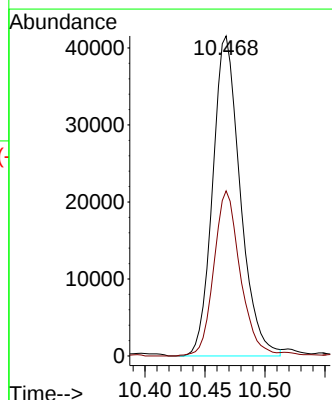
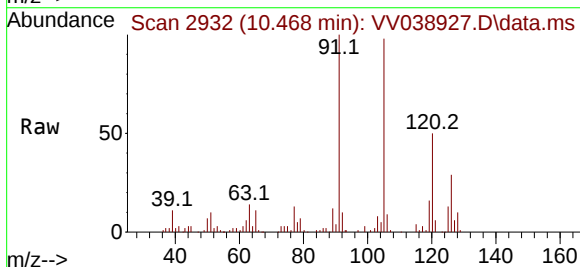
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

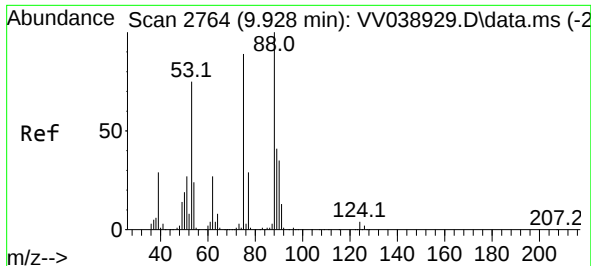
Tgt Ion: 91 Resp: 61149
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 4.031 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 105 Resp: 66308
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6

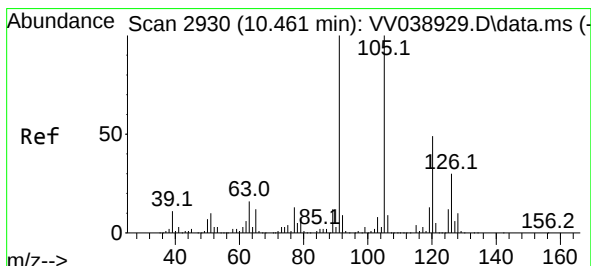
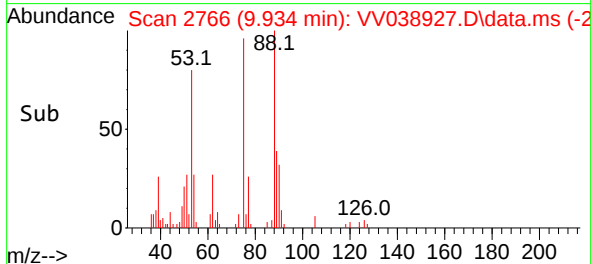
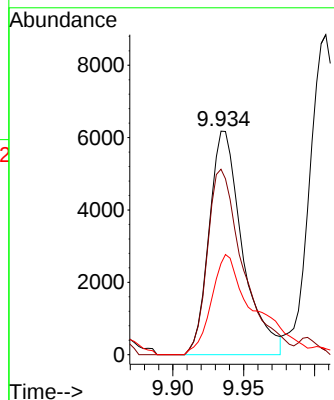
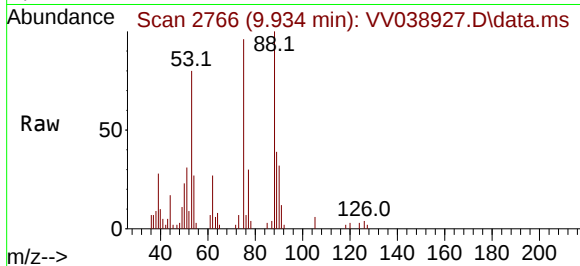




#81
trans-1,4-Dichloro-2-butene
Concen: 4.146 ug/l
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

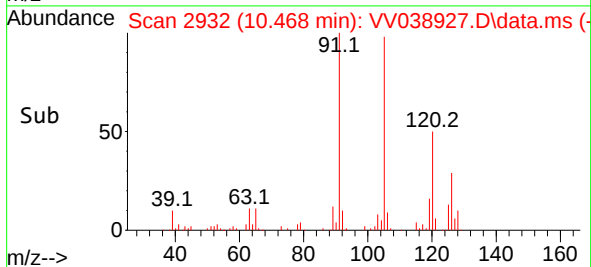
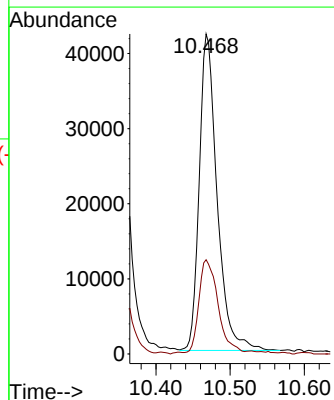
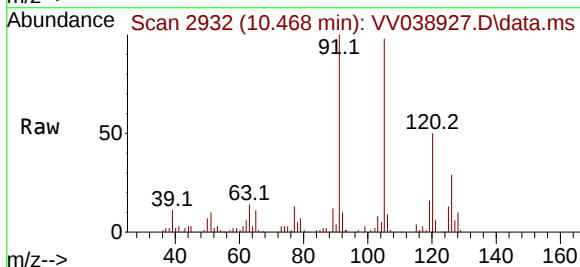
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

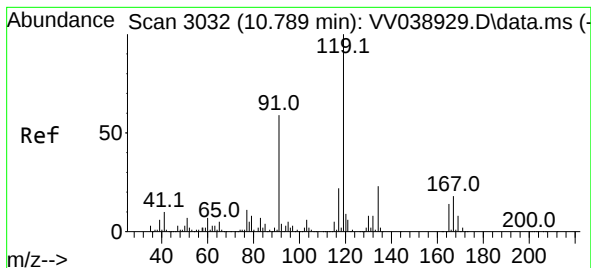
Tgt Ion: 75 Resp: 10107
Ion Ratio Lower Upper
75 100
53 89.9 69.0 103.4
89 58.8 38.8 58.2#



#82
4-Chlorotoluene
Concen: 4.266 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 91 Resp: 70440
Ion Ratio Lower Upper
91 100
126 30.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 4.385 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

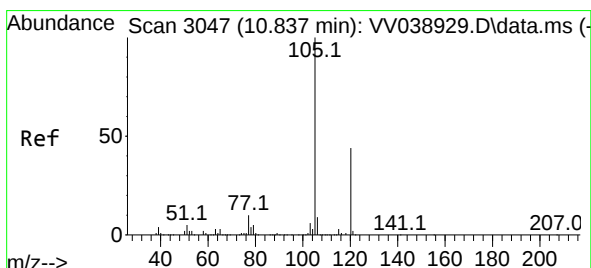
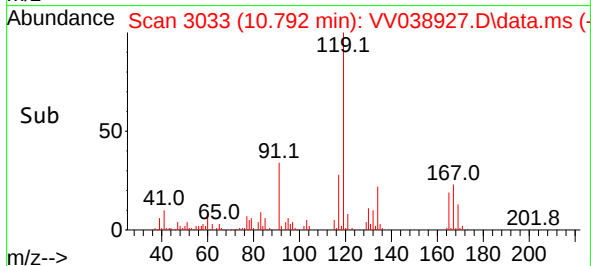
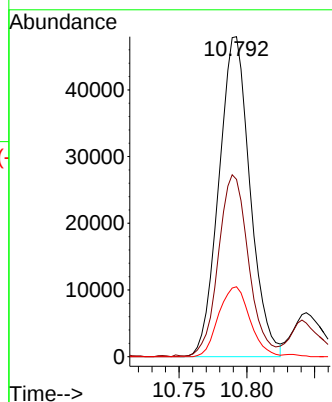
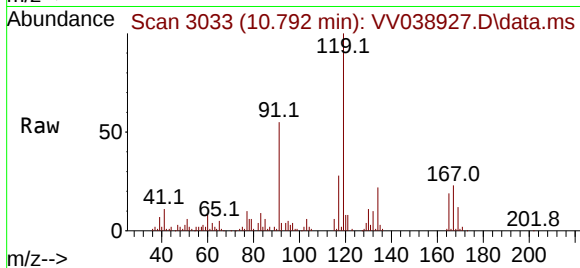
Tgt Ion:119 Resp: 76834

Ion Ratio Lower Upper

119 100

91 54.3 28.5 85.5

134 21.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 3.982 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV038927.D

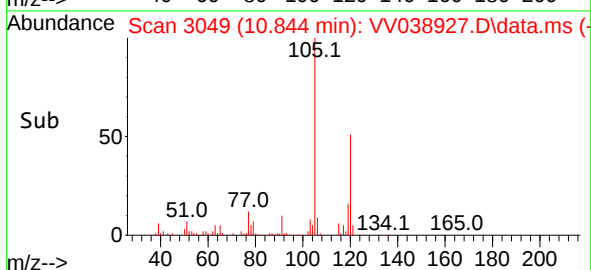
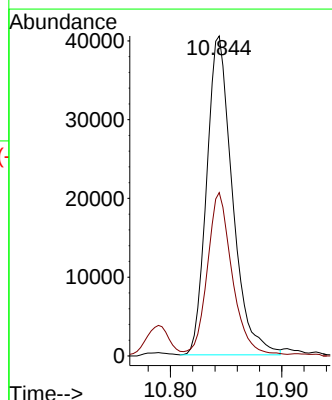
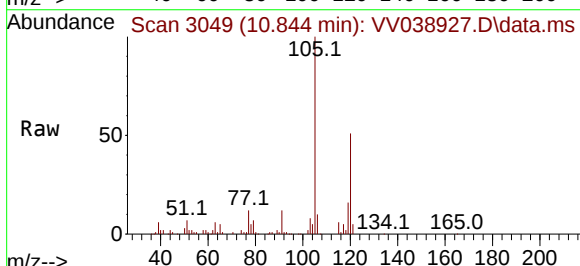
Acq: 08 Aug 2025 10:35

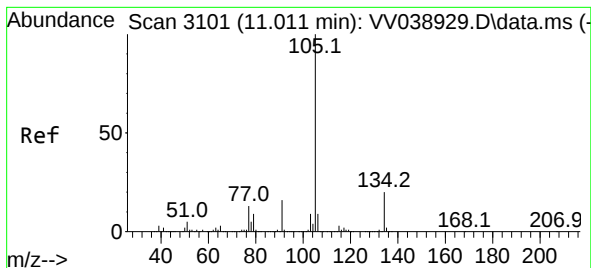
Tgt Ion:105 Resp: 65016

Ion Ratio Lower Upper

105 100

120 48.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 4.227 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

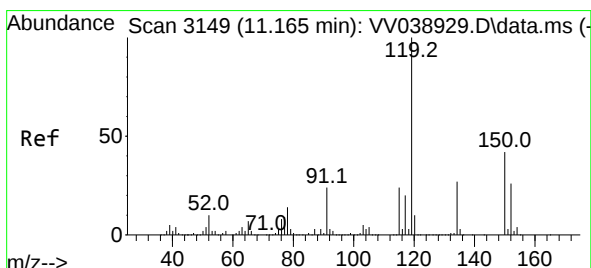
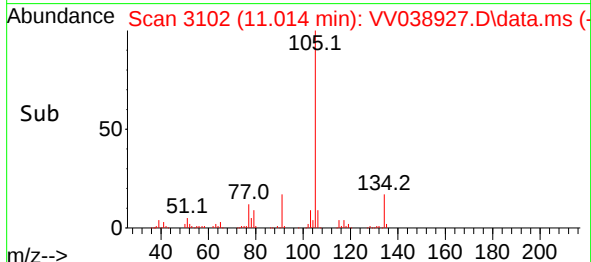
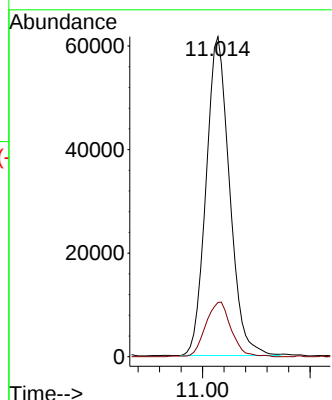
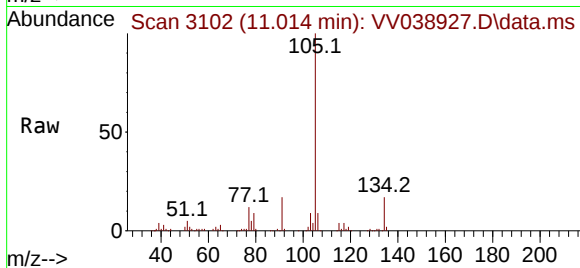
VSTDIC005

Tgt Ion:105 Resp: 93587

Ion Ratio Lower Upper

105 100

134 18.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.346 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

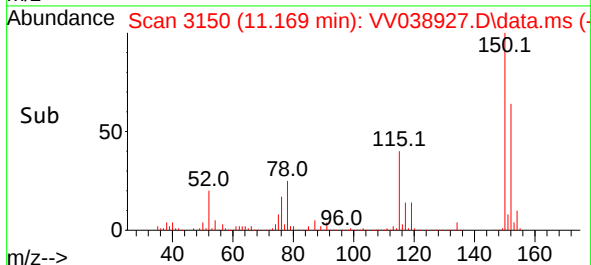
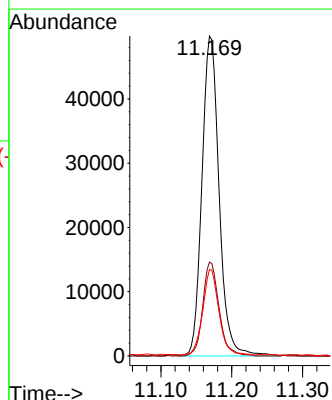
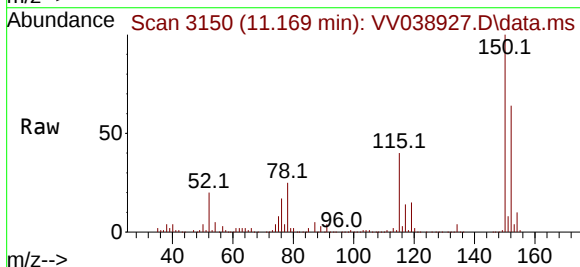
Tgt Ion:119 Resp: 83827

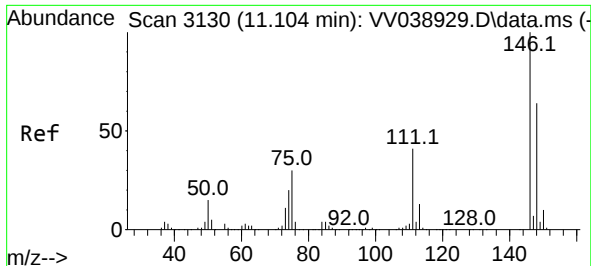
Ion Ratio Lower Upper

119 100

134 27.8 13.2 39.6

91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 4.452 ug/l

RT: 11.111 min Scan# 3132

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

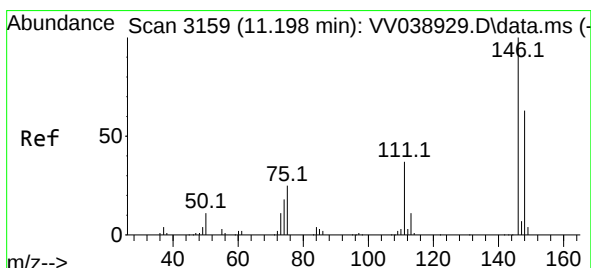
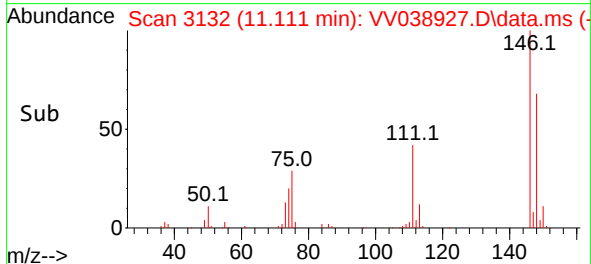
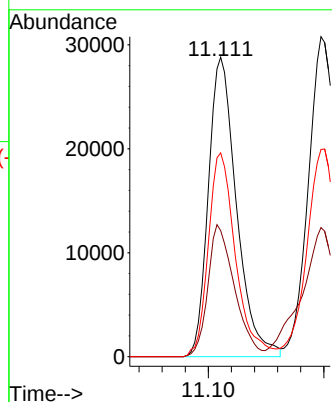
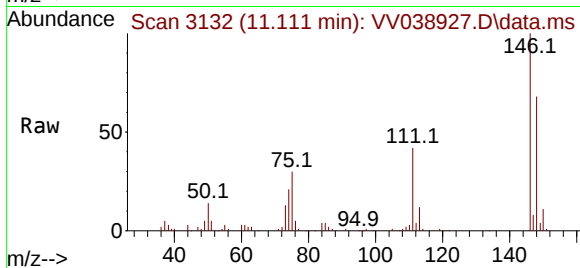
Tgt Ion:146 Resp: 48711

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

148 66.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 4.663 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

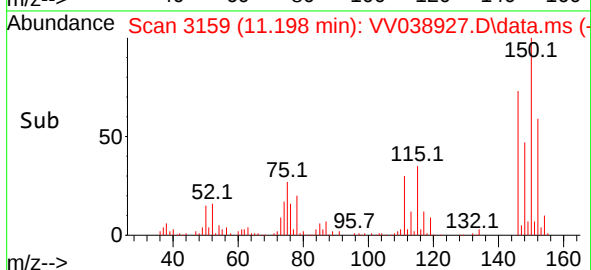
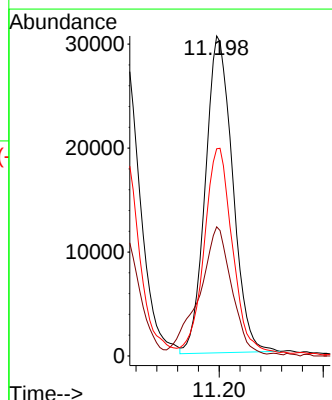
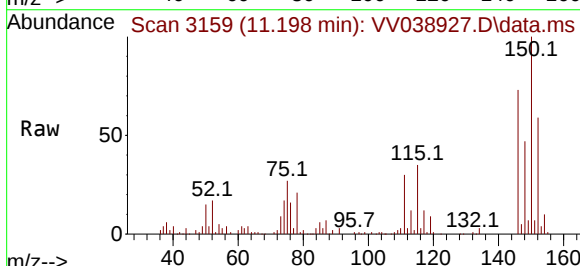
Tgt Ion:146 Resp: 55551

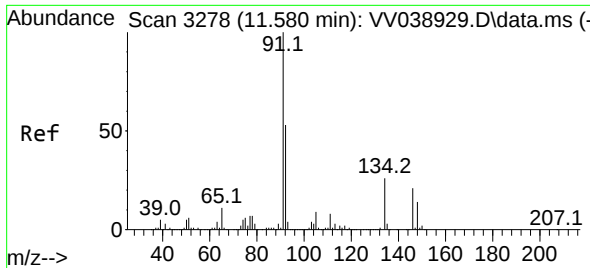
Ion Ratio Lower Upper

146 100

111 47.7 19.7 59.1

148 67.7 31.4 94.2

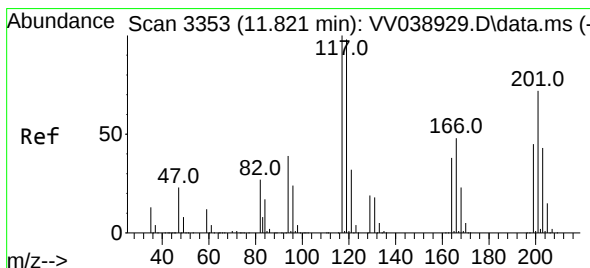
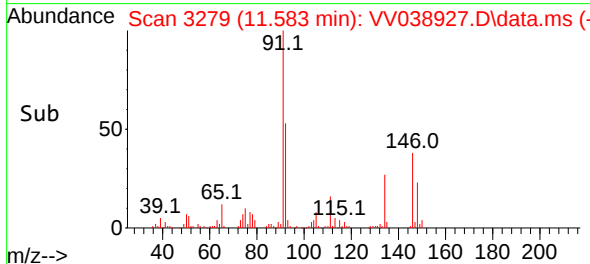
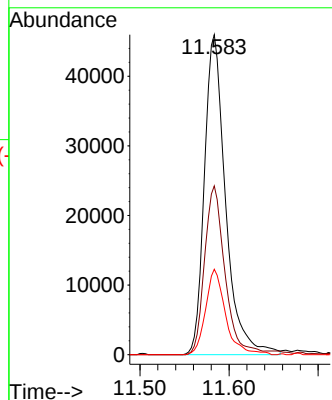
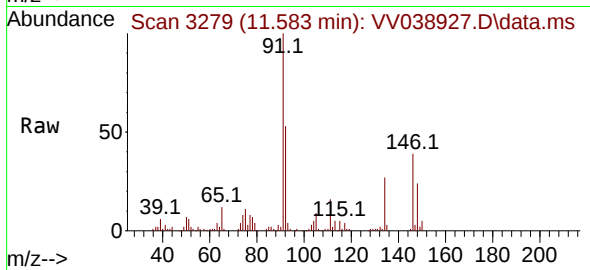




#89
n-Butylbenzene
Concen: 4.258 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

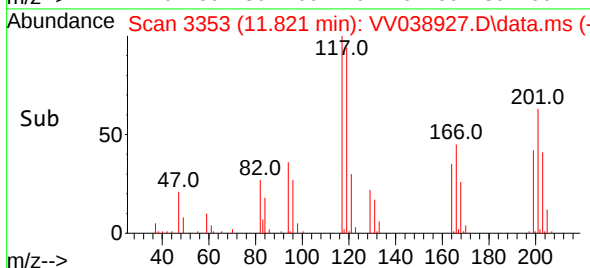
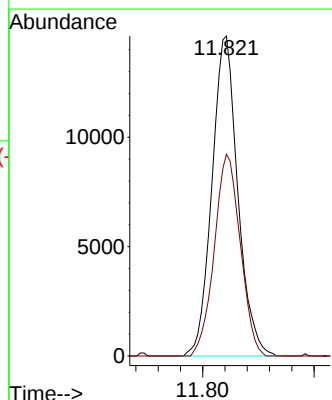
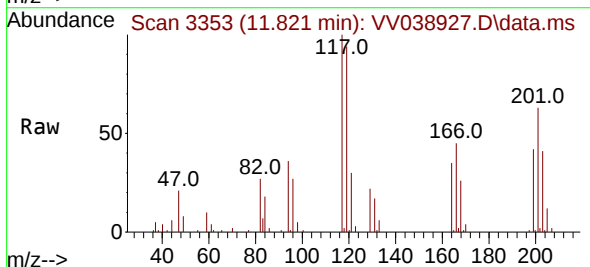
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

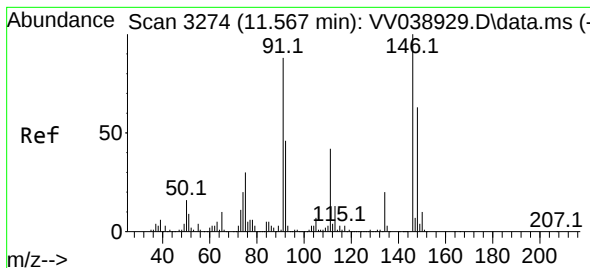
Tgt Ion: 91 Resp: 75935
Ion Ratio Lower Upper
91 100
92 50.6 26.2 78.6
134 25.2 13.0 38.9



#90
Hexachloroethane
Concen: 5.182 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 117 Resp: 23580
Ion Ratio Lower Upper
117 100
201 63.2 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 4.860 ug/l

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

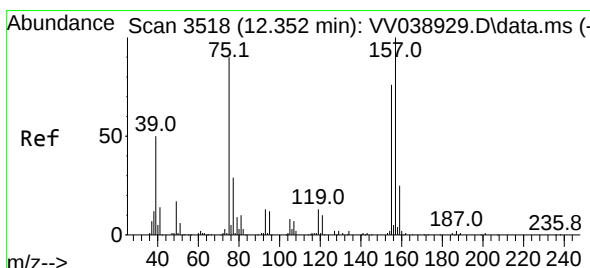
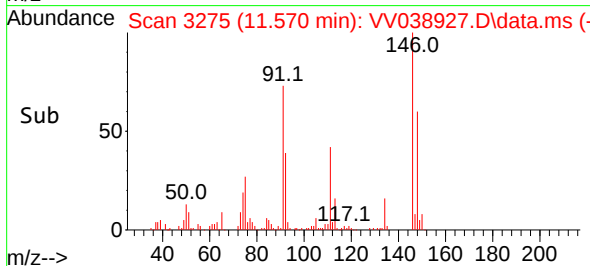
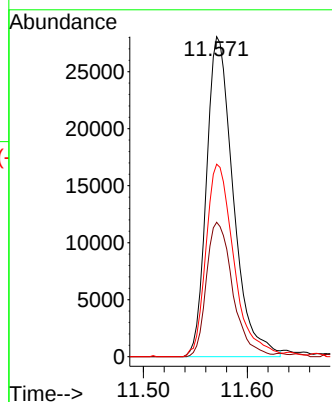
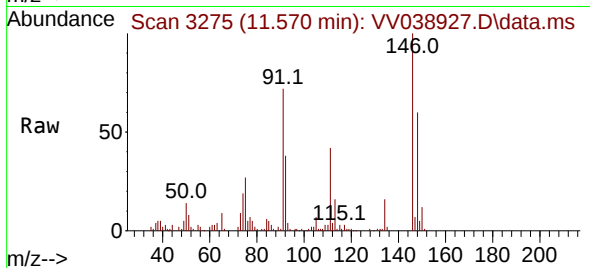
Tgt Ion:146 Resp: 50254

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.3

148 62.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.491 ug/l

RT: 12.358 min Scan# 3520

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

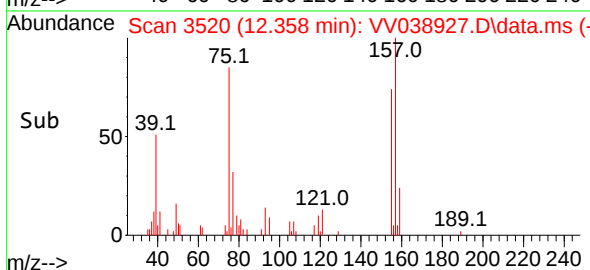
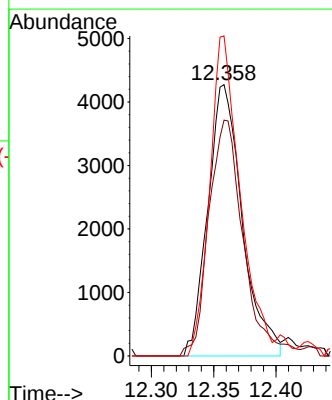
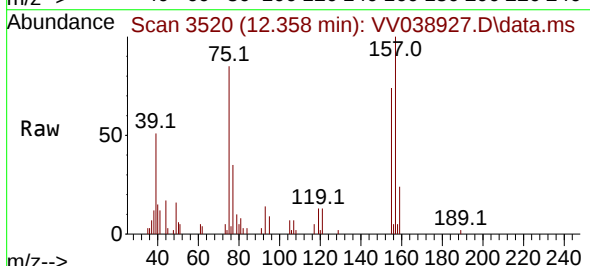
Tgt Ion: 75 Resp: 8199

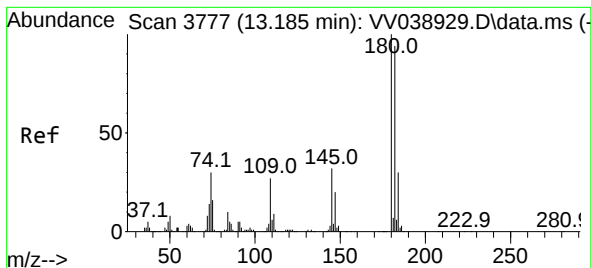
Ion Ratio Lower Upper

75 100

155 87.1 41.4 124.2

157 103.9 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 4.199 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

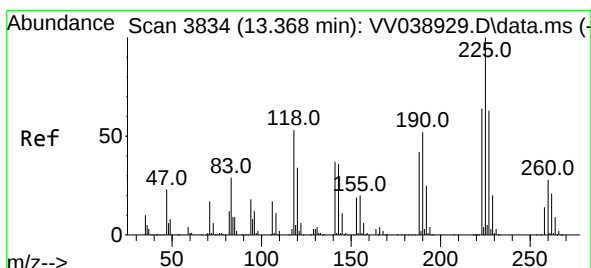
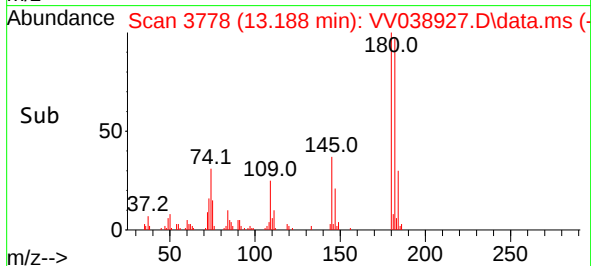
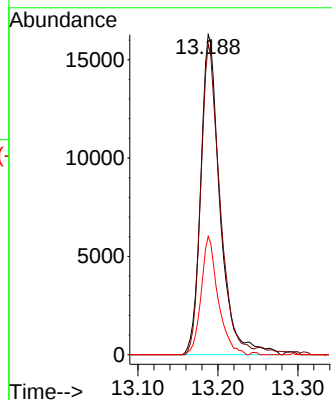
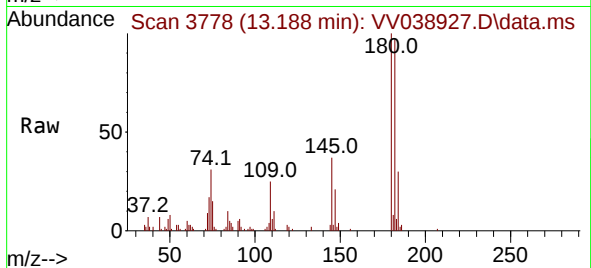
Tgt Ion:180 Resp: 27391

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 32.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 4.821 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

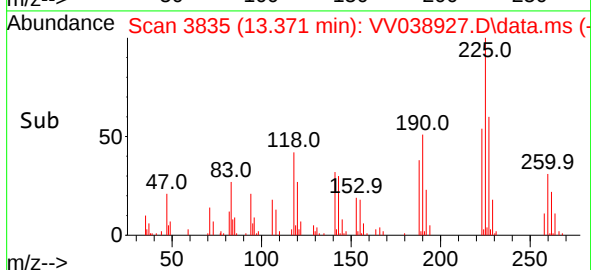
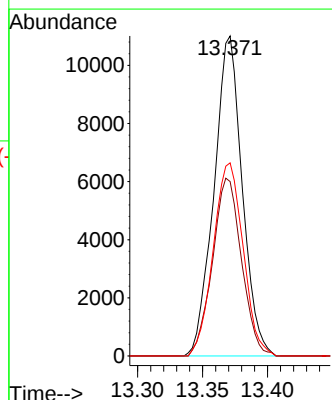
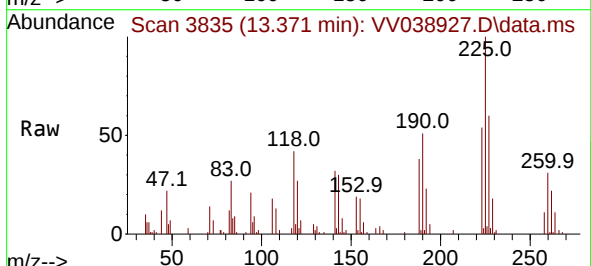
Tgt Ion:225 Resp: 16617

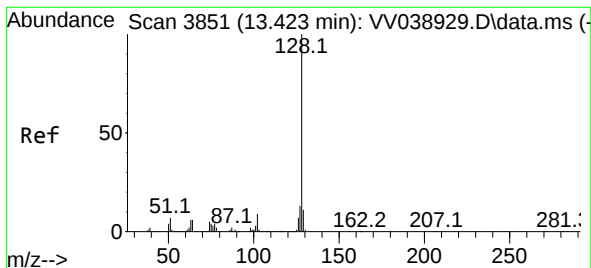
Ion Ratio Lower Upper

225 100

223 57.0 32.0 96.0

227 63.8 31.3 93.9





#95

Naphthalene

Concen: 3.925 ug/l

RT: 13.429 min Scan# 3853

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

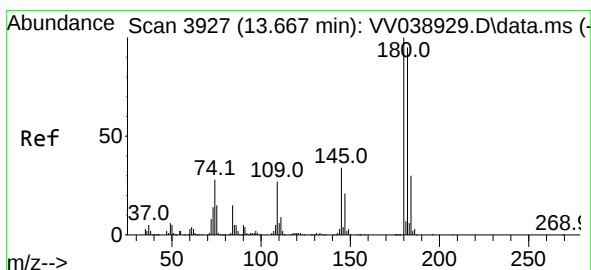
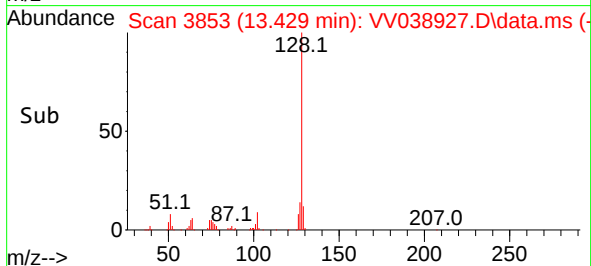
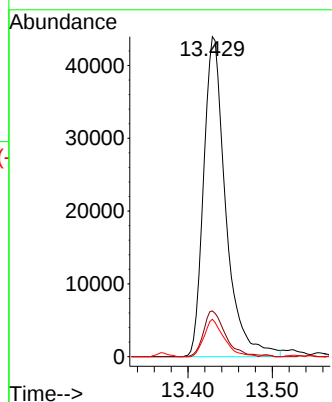
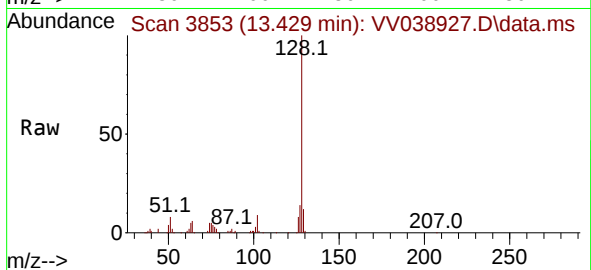
Tgt Ion:128 Resp: 80342

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.247 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:180 Resp: 28348

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 34.4 17.1 51.3

