

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039117.D
 Acq On : 16 Sep 2025 18:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 02:27:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	351423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	358899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	177021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	117016	4.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.542	69	110246	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.069	65	55023	4.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.793	46	263818	64.086	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.180%
24) Chloroform-d	4.256	84	290261	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	4.947	65	127315	5.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.963	84	498580	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.989	67	154640	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.239	98	464796	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.551	79	55113	5.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.014	63	209583	60.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.600%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	119476	5.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	11.548	152	130114	4.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	215076	5.837	ug/L	100
3) Chloromethane	1.227	50	225547	6.234	ug/L	96
5) Vinyl chloride	1.294	62	233064	6.057	ug/L	99
6) Bromomethane	1.497	94	134004	6.106	ug/L	95
8) Chloroethane	1.561	64	157026	6.549	ug/L	98
9) Trichlorofluoromethane	1.725	101	321681	6.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	189394	5.931	ug/L	97
12) 1,1-Dichloroethene	2.082	96	173546	6.015	ug/L	91
13) Acetone	2.121	43	248564	71.777	ug/L	99
14) Carbon disulfide	2.253	76	602419	6.103	ug/L	100
15) Methyl Acetate	2.388	43	64109	7.372	ug/L	95
16) Methylene chloride	2.455	84	208749	6.428	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	339565	6.844	ug/L	97
18) trans-1,2-Dichloroethene	2.706	96	179969	6.128	ug/L	93
19) 1,1-Dichloroethane	3.121	63	376027	6.980	ug/L	98
21) 2-Butanone	3.870	43	355672	77.429	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	187339	6.535	ug/L	92
23) Bromochloromethane	4.156	128	85642	6.531	ug/L	93
25) Chloroform	4.281	83	377033	6.754	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039117.D
 Acq On : 16 Sep 2025 18:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 02:27:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

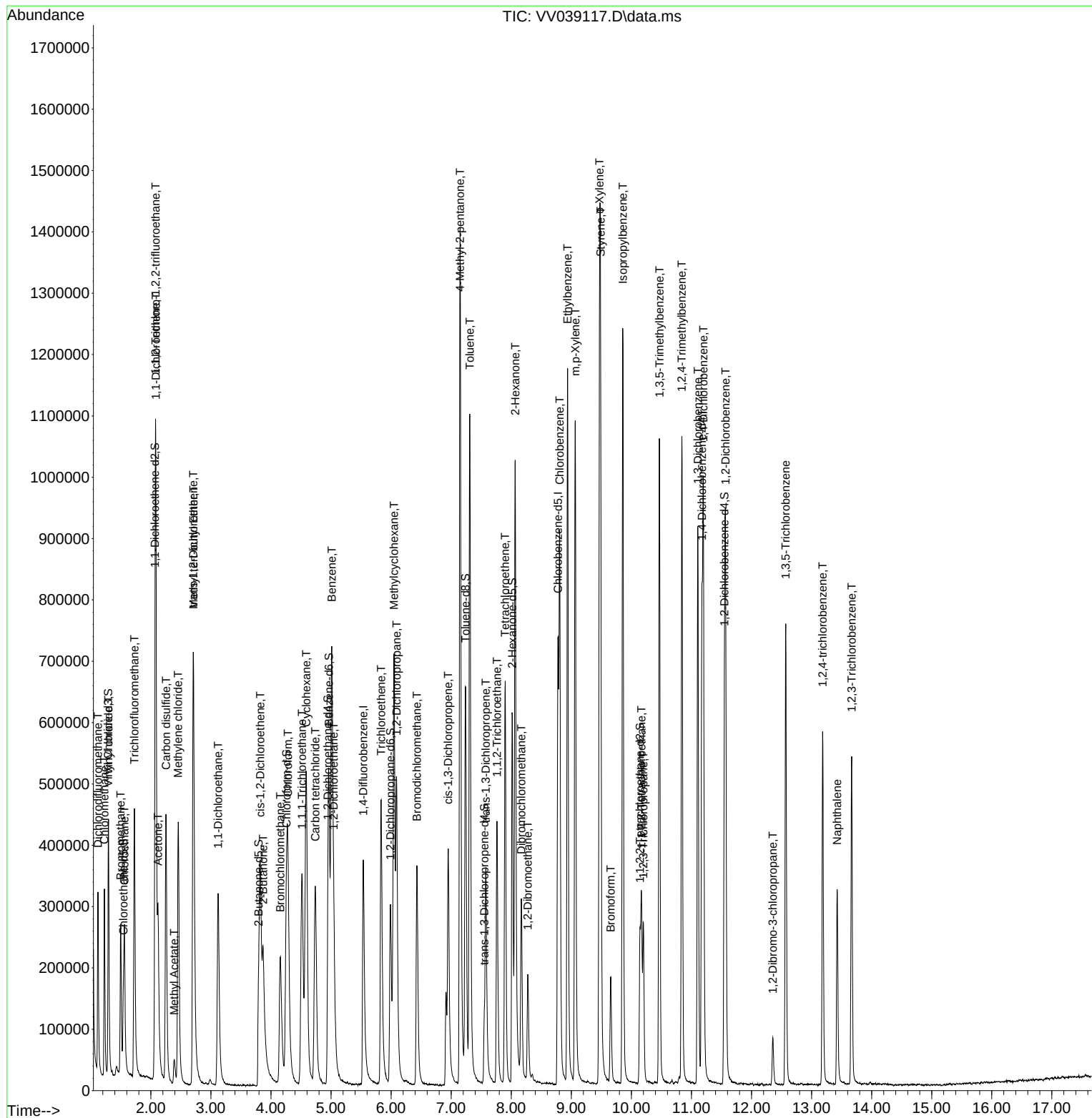
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	209723	7.323	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	321564	6.507	ug/L	96
30) Cyclohexane	4.587	56	284427	6.490	ug/L	95
31) Carbon tetrachloride	4.738	117	276867	6.182	ug/L	98
33) Benzene	5.011	78	785849	6.956	ug/L	100
34) Trichloroethene	5.834	95	188591	6.193	ug/L	97
35) Methylcyclohexane	6.050	83	279785	5.872	ug/L	97
37) 1,2-Dichloropropane	6.092	63	202015	6.895	ug/L	100
38) Bromodichloromethane	6.429	83	267312	7.018	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	259912	6.687	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	969604	83.527	ug/L	98
42) Toluene	7.310	91	848231	7.204	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	218813	6.927	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	140386	6.977	ug/L	98
47) Tetrachloroethene	7.899	164	148379	6.233	ug/L	98
48) 2-Hexanone	8.066	43	678121	84.032	ug/L	96
49) Dibromochloromethane	8.169	129	152866	6.491	ug/L	98
50) 1,2-Dibromoethane	8.275	107	118848	6.583	ug/L	98
51) Chlorobenzene	8.805	112	490689	6.457	ug/L	98
52) Ethylbenzene	8.937	91	786999	6.488	ug/L	98
53) m,p-Xylene	9.066	106	304282	6.449	ug/L	98
54) o-Xylene	9.471	106	280389	6.478	ug/L	98
55) Styrene	9.487	104	521494	6.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	157426	7.020	ug/L	99
59) Bromoform	9.657	173	76184	6.066	ug/L	99
60) Isopropylbenzene	9.857	105	753817	6.366	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	104185	6.987	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	548793	6.037	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	551276	6.174	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	354516	6.136	ug/L	97
65) 1,4-Dichlorobenzene	11.198	146	372180	6.227	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	310130	6.058	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	22313	6.868	ug/L	88
69) 1,3,5-Trichlorobenzene	12.570	180	210205	5.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	157375	5.521	ug/L	97
71) Naphthalene	13.426	128	249317	5.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	148713	5.851	ug/L	98

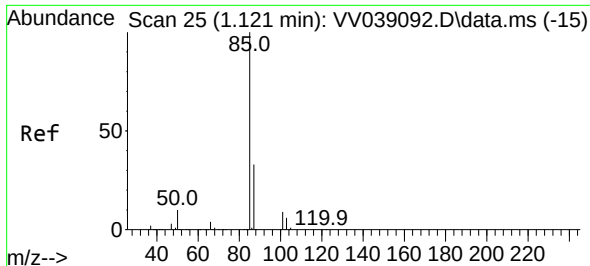
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039117.D
Acq On : 16 Sep 2025 18:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:27:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration

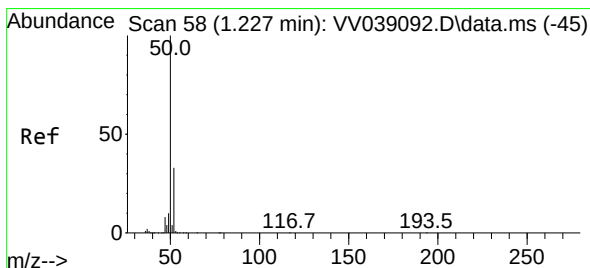
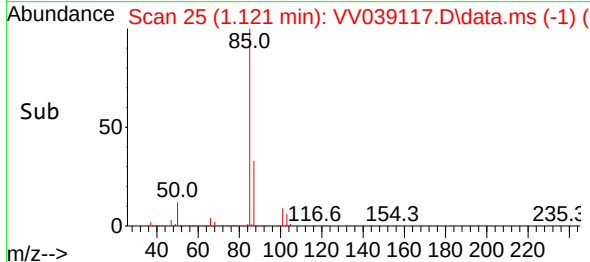
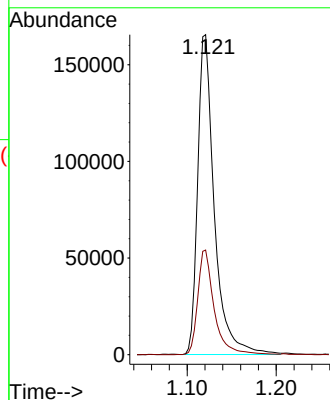
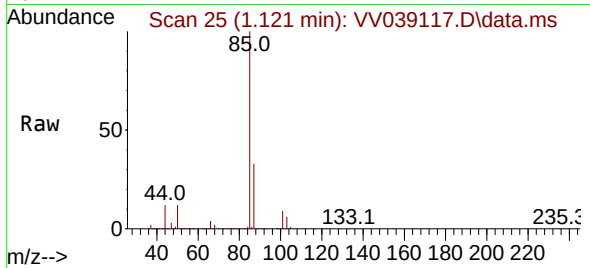




#2
 Dichlorodifluoromethane
 Concen: 5.837 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

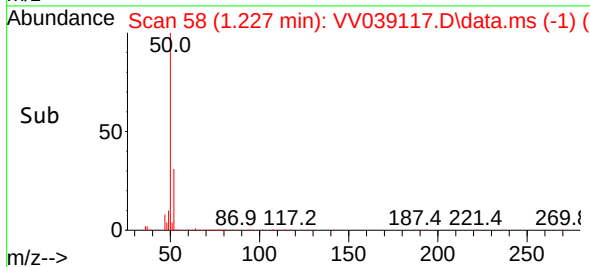
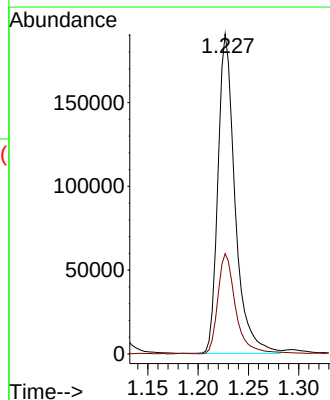
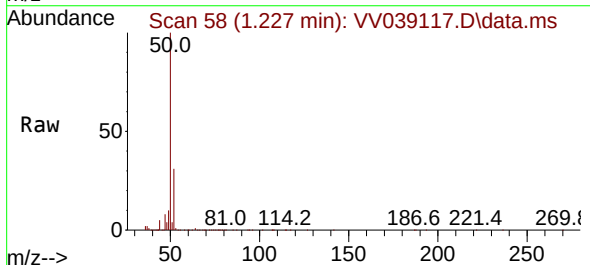
Instrument :
 MSVOA_V
 ClientSampleId :

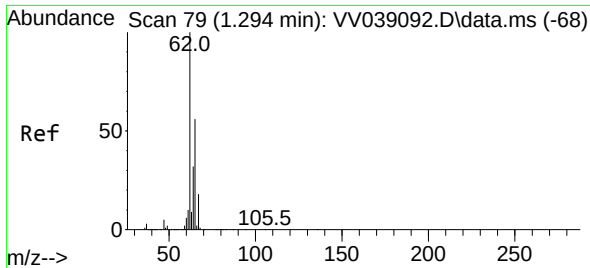
Tgt Ion: 85 Resp: 215076
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 6.234 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Tgt Ion: 50 Resp: 225547
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.4 43.6



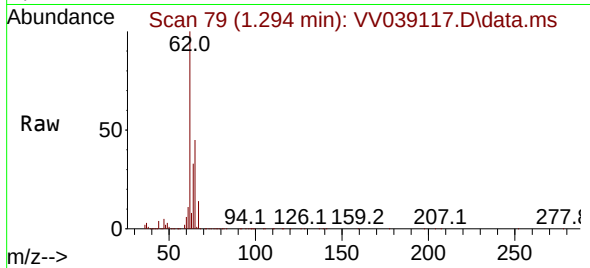


#5
 Vinyl chloride
 Concen: 6.057 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

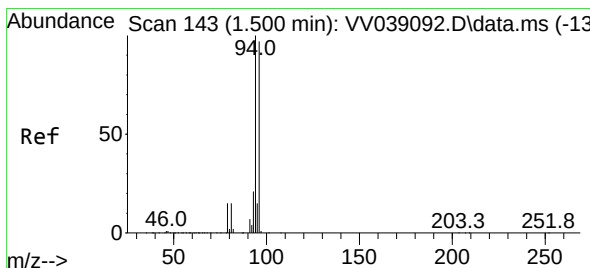
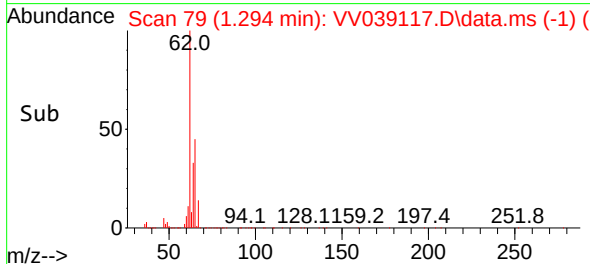
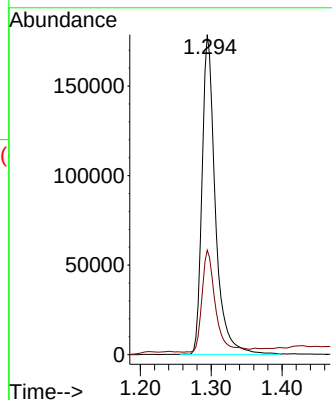
Instrument :

MSVOA_V

ClientSampleId :

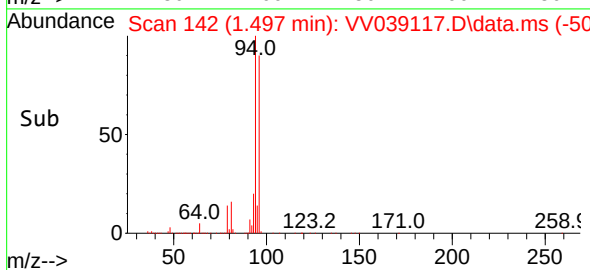
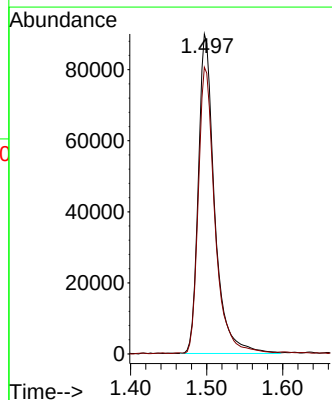
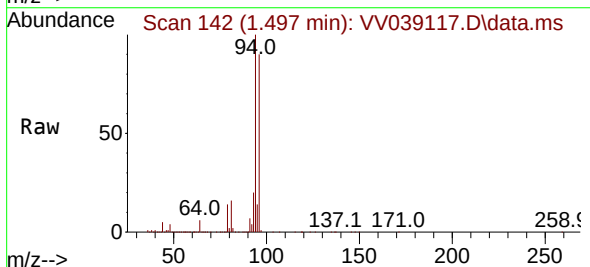


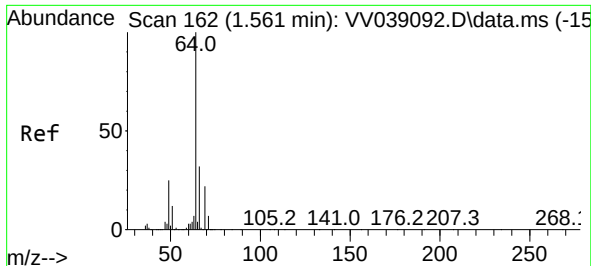
Tgt Ion: 62 Resp: 233064
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 6.106 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Tgt Ion: 94 Resp: 134004
 Ion Ratio Lower Upper
 94 100
 96 89.6 65.9 122.5

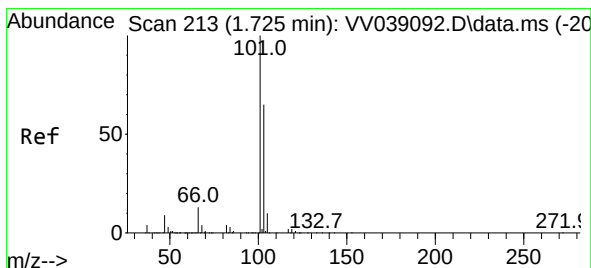
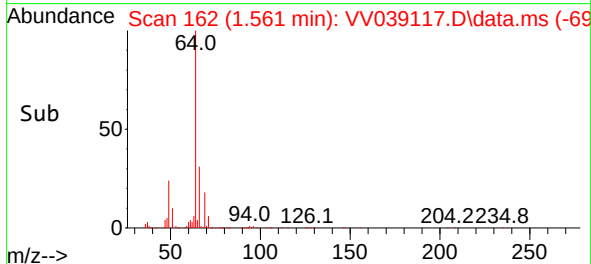
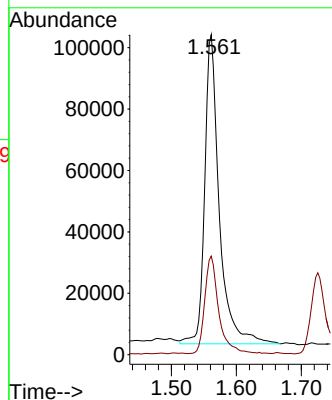
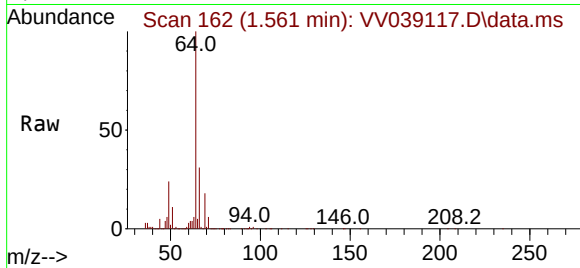




#8
Chloroethane
Concen: 6.549 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

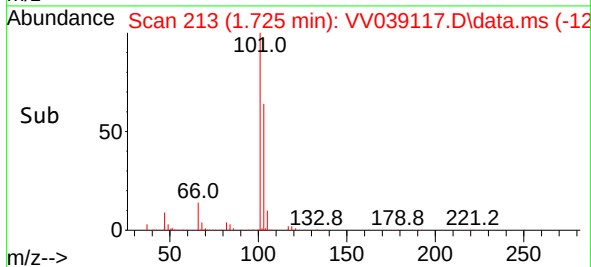
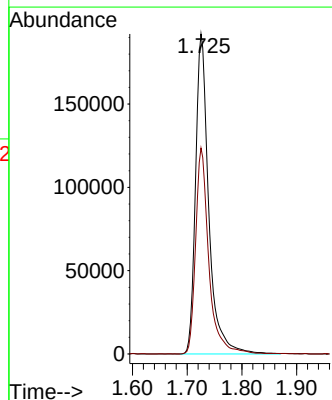
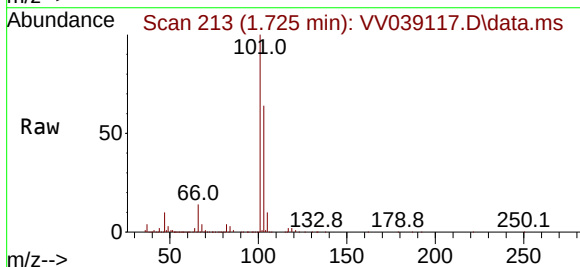
Instrument :
MSVOA_V
ClientSampleId :

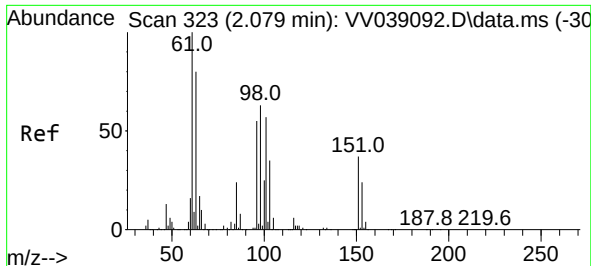
Tgt Ion: 64 Resp: 157026
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 6.205 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 101 Resp: 321681
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

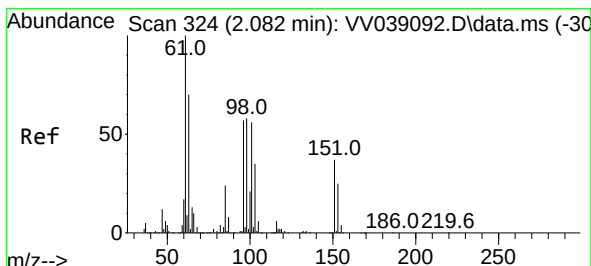
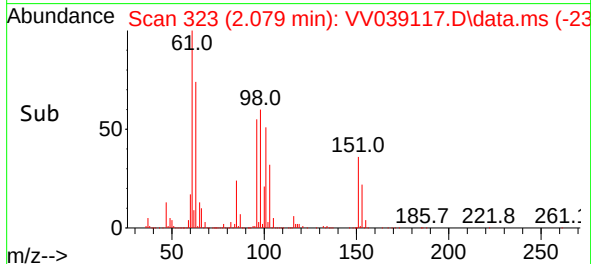
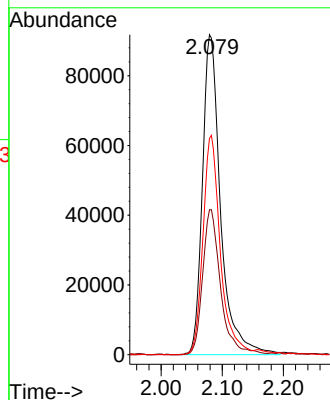
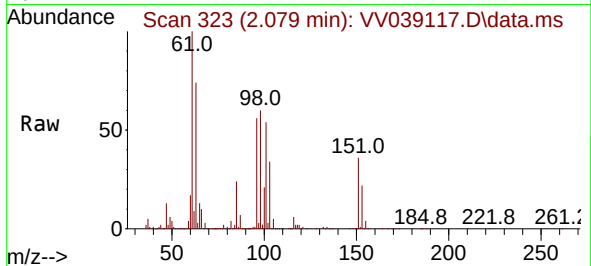




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.931 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

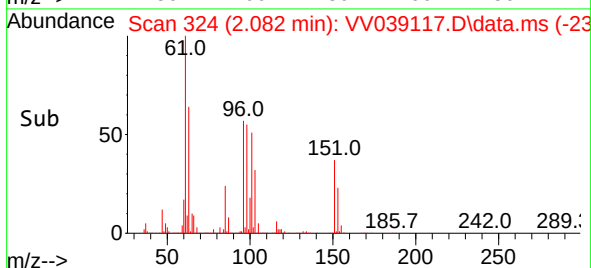
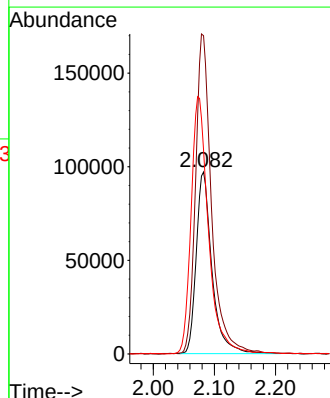
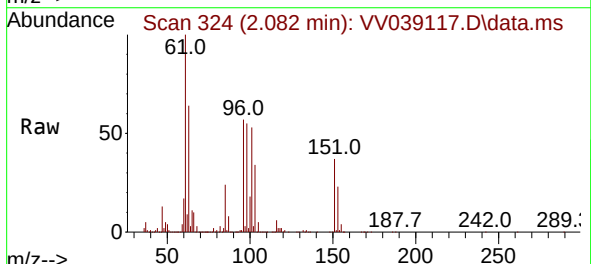
Instrument :
 MSVOA_V
 ClientSampleId :

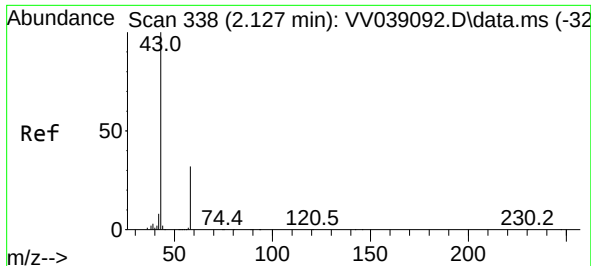
Tgt Ion:101 Resp: 189394
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.4 53.0
 151 65.7 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 6.015 ug/L
 RT: 2.082 min Scan# 324
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Tgt Ion: 96 Resp: 173546
 Ion Ratio Lower Upper
 96 100
 61 174.9 124.7 231.7
 63 112.2 93.5 173.7





#13

Acetone

Concen: 71.777 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

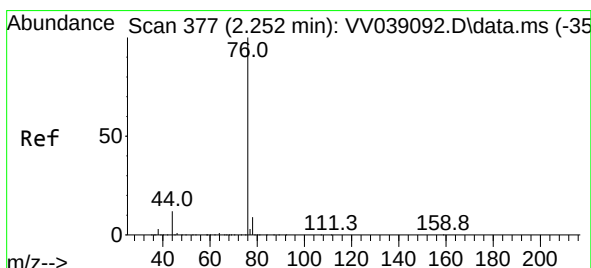
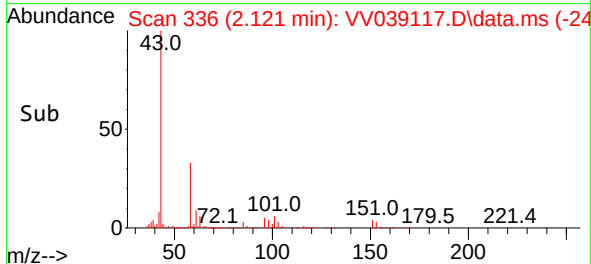
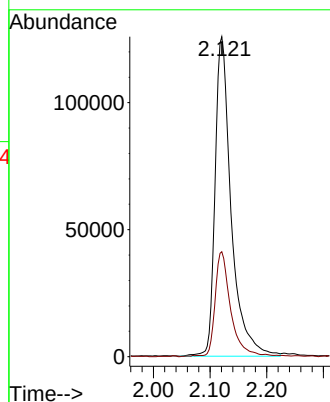
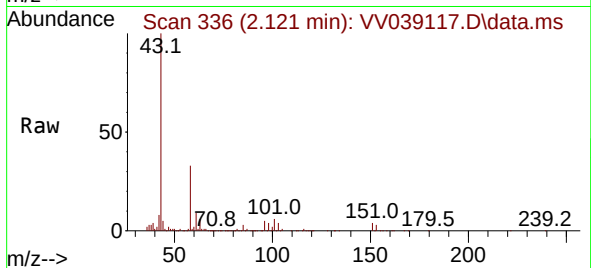
ClientSampleId :

Tgt Ion: 43 Resp: 248564

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.0



#14

Carbon disulfide

Concen: 6.103 ug/L

RT: 2.253 min Scan# 377

Delta R.T. 0.000 min

Lab File: VV039117.D

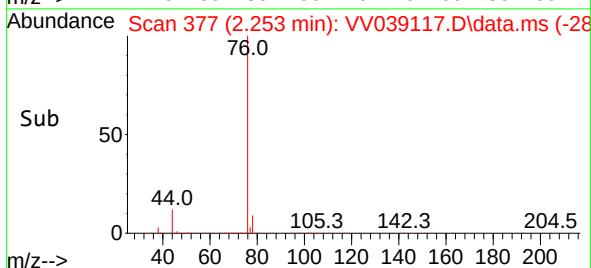
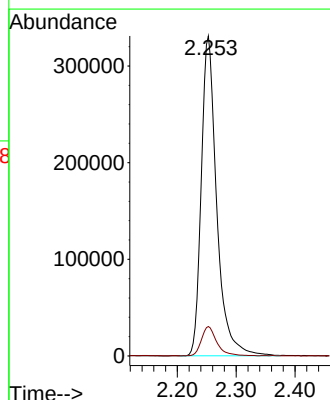
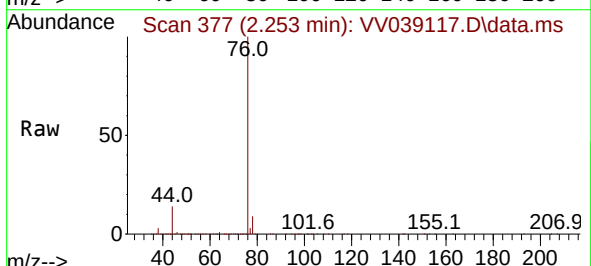
Acq: 16 Sep 2025 18:52

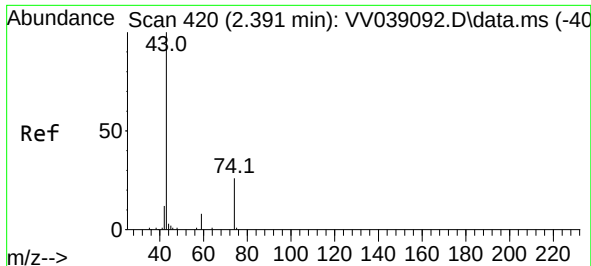
Tgt Ion: 76 Resp: 602419

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

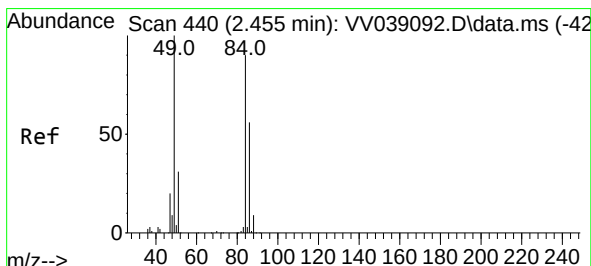
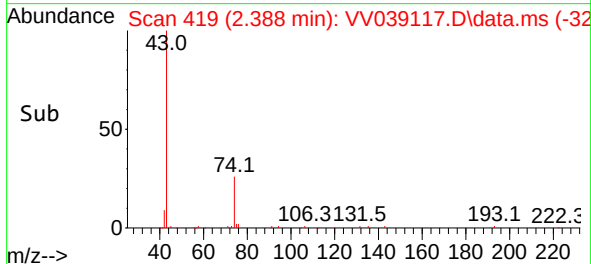
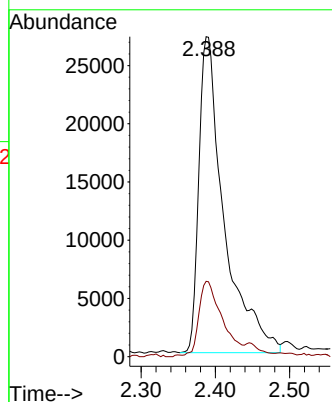
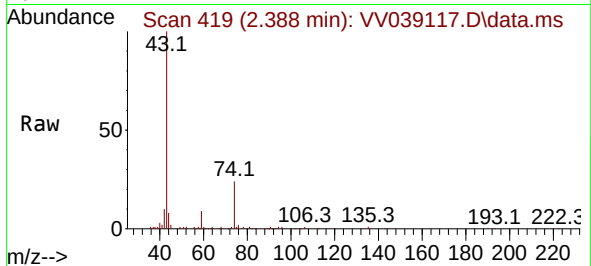




#15
Methyl Acetate
Concen: 7.372 ug/L
RT: 2.388 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

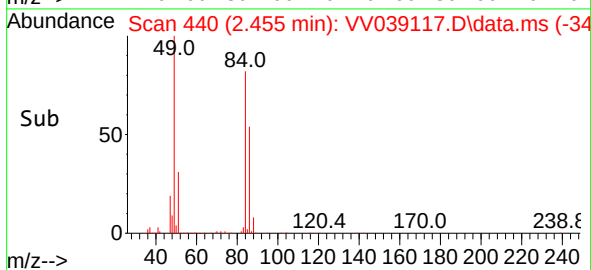
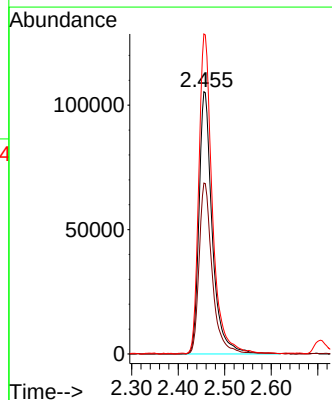
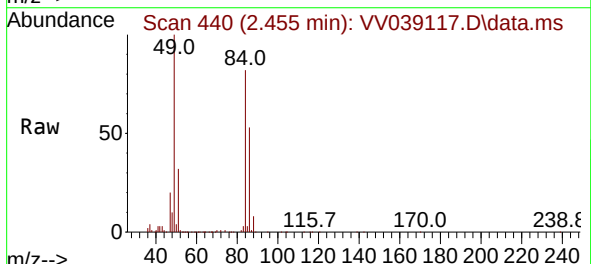
Instrument :
MSVOA_V
ClientSampleId :

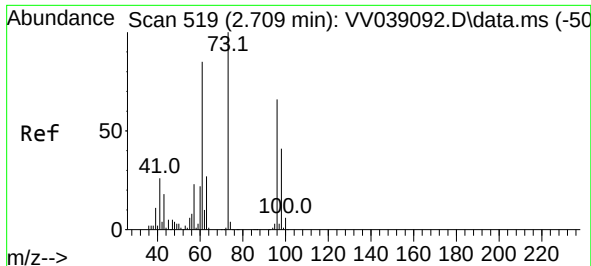
Tgt Ion: 43 Resp: 64109
Ion Ratio Lower Upper
43 100
74 21.2 18.8 28.2



#16
Methylene chloride
Concen: 6.428 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 84 Resp: 208749
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 122.1 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 6.844 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :

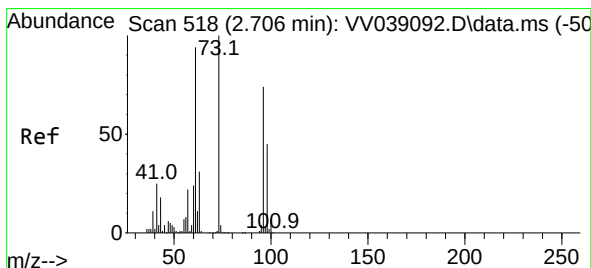
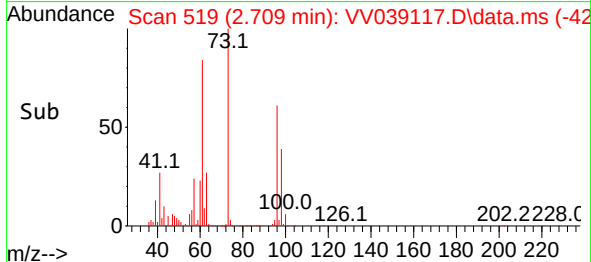
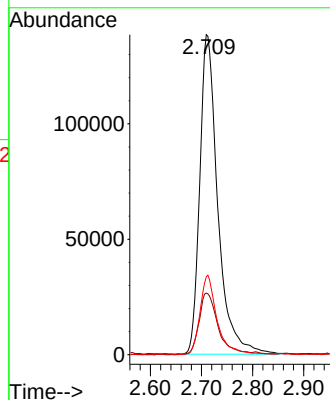
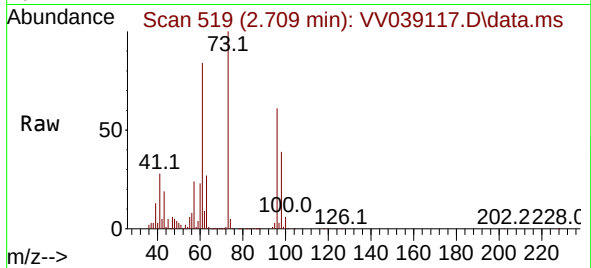
Tgt Ion: 73 Resp: 339565

Ion Ratio Lower Upper

73 100

43 19.8 14.7 22.1

57 23.6 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 6.128 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

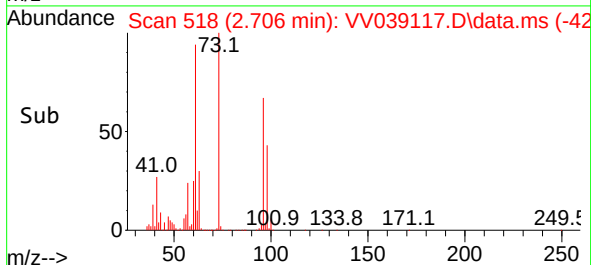
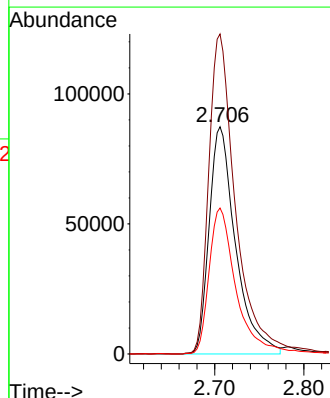
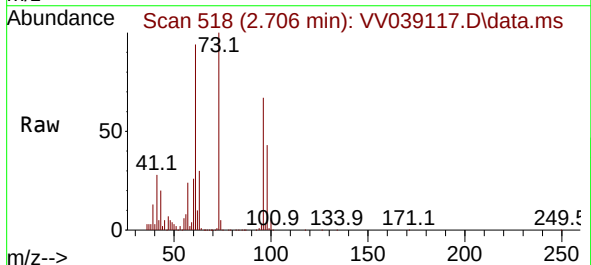
Tgt Ion: 96 Resp: 179969

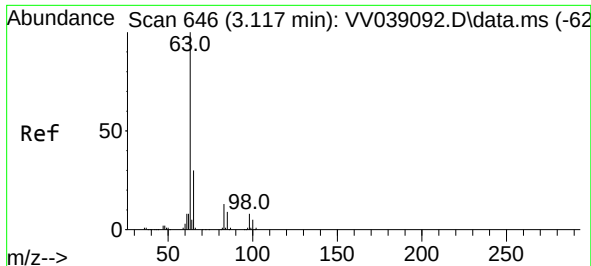
Ion Ratio Lower Upper

96 100

61 140.8 89.7 166.5

98 64.2 44.9 83.3





#19

1,1-Dichloroethane

Concen: 6.980 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :

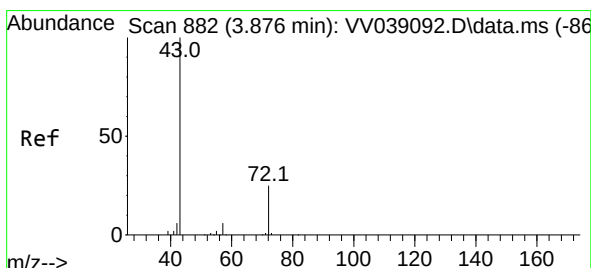
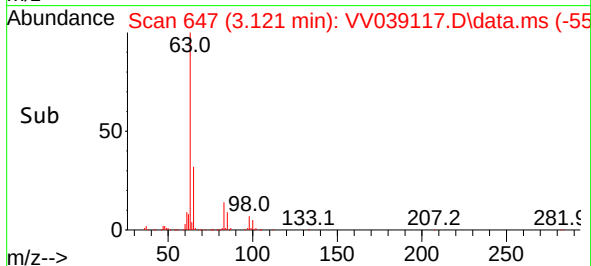
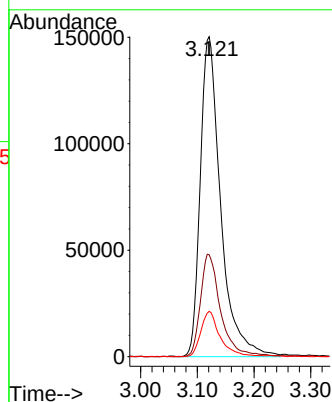
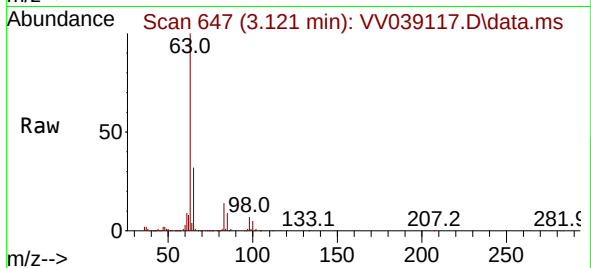
Tgt Ion: 63 Resp: 376027

Ion Ratio Lower Upper

63 100

65 31.9 21.5 39.9

83 14.1 9.2 17.2



#21

2-Butanone

Concen: 77.429 ug/L

RT: 3.870 min Scan# 880

Delta R.T. -0.006 min

Lab File: VV039117.D

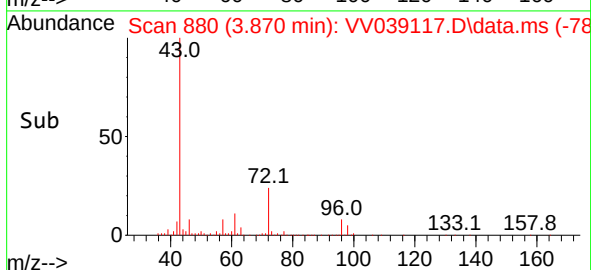
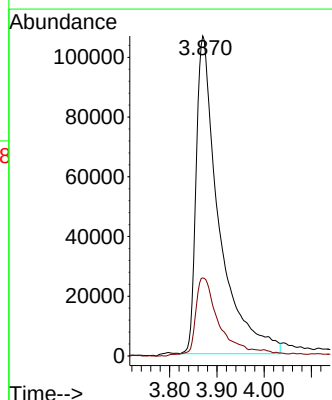
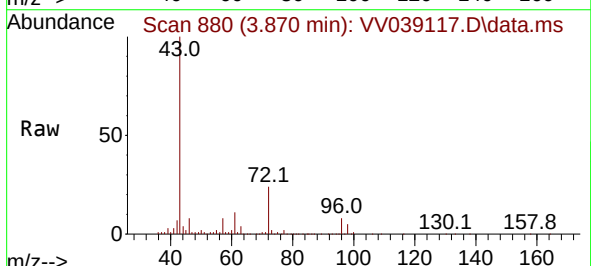
Acq: 16 Sep 2025 18:52

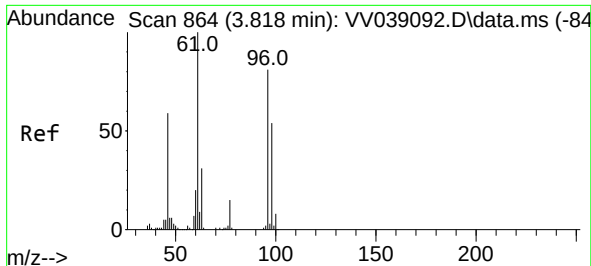
Tgt Ion: 43 Resp: 355672

Ion Ratio Lower Upper

43 100

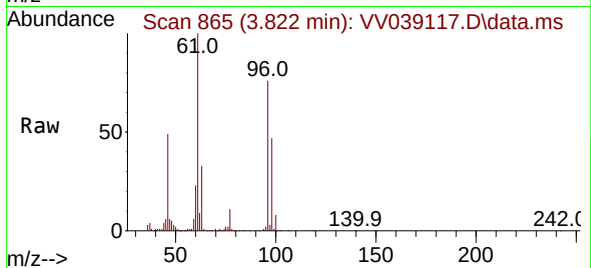
72 24.7 12.0 36.0



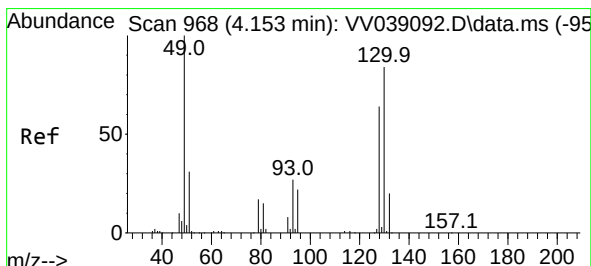
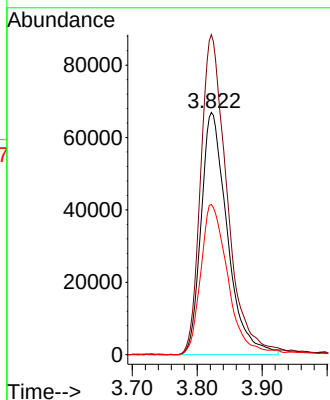
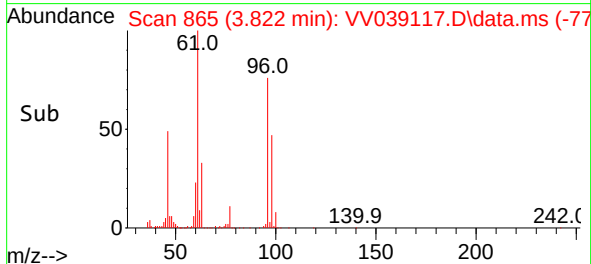


#22
 cis-1,2-Dichloroethene
 Concen: 6.535 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

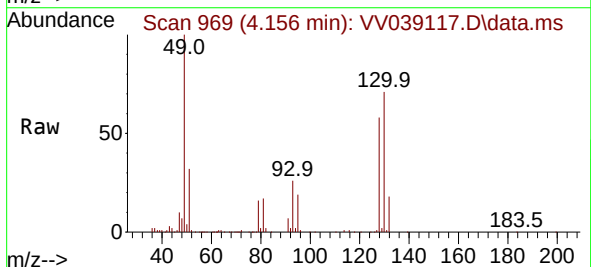
Instrument :
 MSVOA_V
 ClientSampleId :



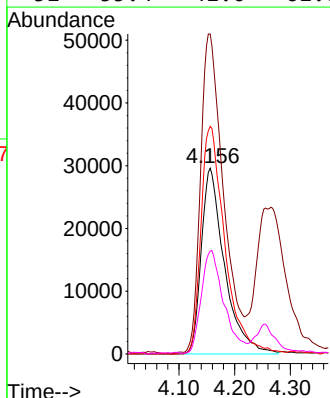
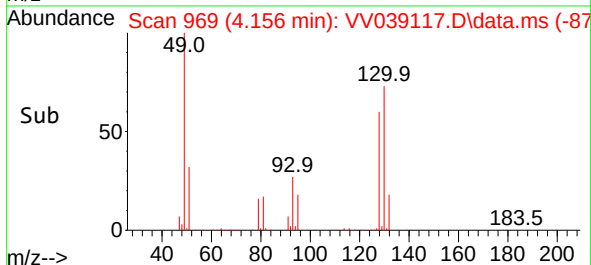
Tgt Ion: 96 Resp: 187339
 Ion Ratio Lower Upper
 96 100
 61 132.1 85.4 158.6
 98 62.1 46.6 86.6

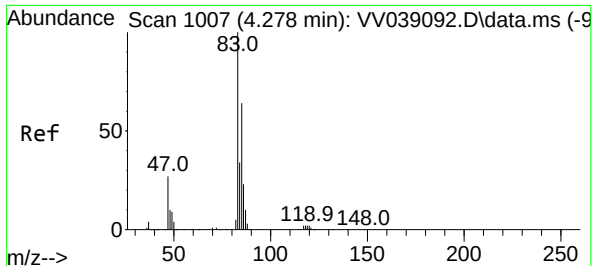


#23
 Bromochloromethane
 Concen: 6.531 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52



Tgt Ion: 128 Resp: 85642
 Ion Ratio Lower Upper
 128 100
 49 172.2 115.3 214.1
 130 122.5 93.2 173.0
 51 55.4 41.0 61.6

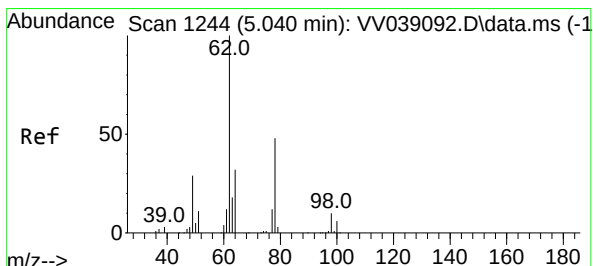
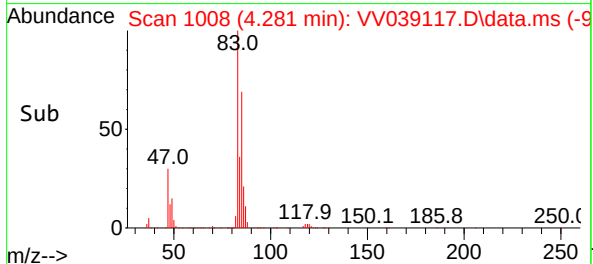
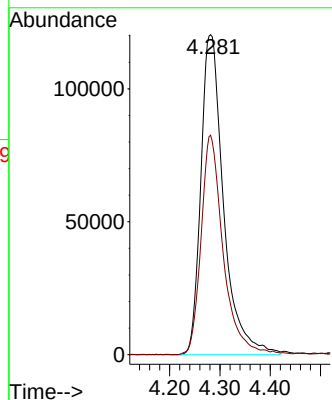
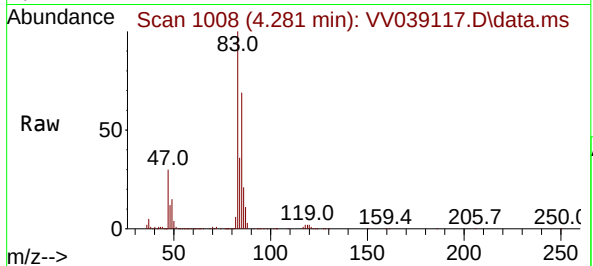




#25
Chloroform
Concen: 6.754 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

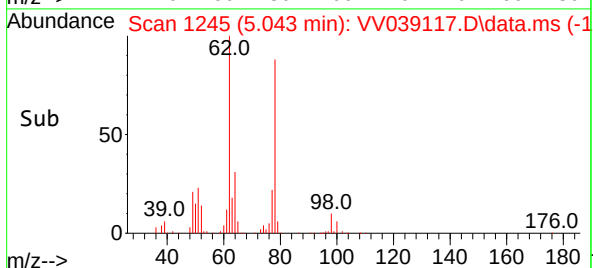
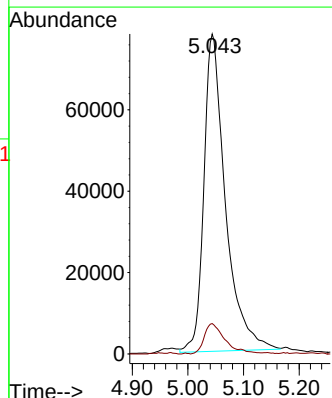
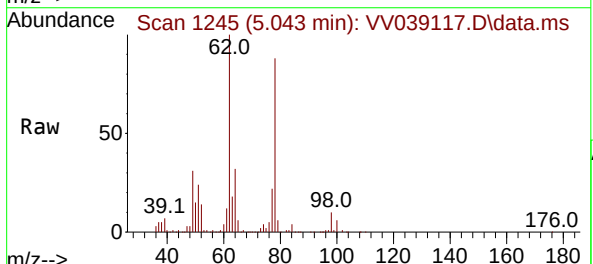
Instrument :
MSVOA_V
ClientSampleId :

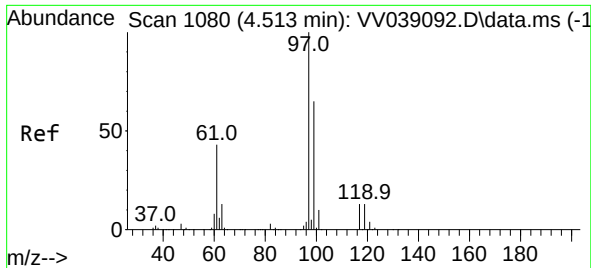
Tgt Ion: 83 Resp: 377033
Ion Ratio Lower Upper
83 100
85 68.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 7.323 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 62 Resp: 209723
Ion Ratio Lower Upper
62 100
98 9.5 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 6.507 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :

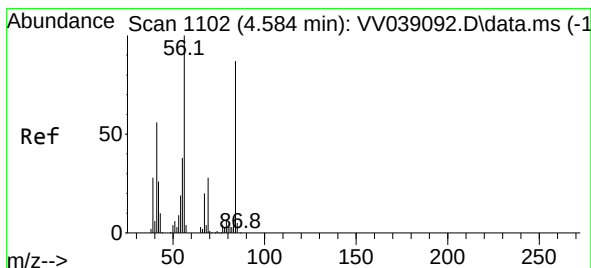
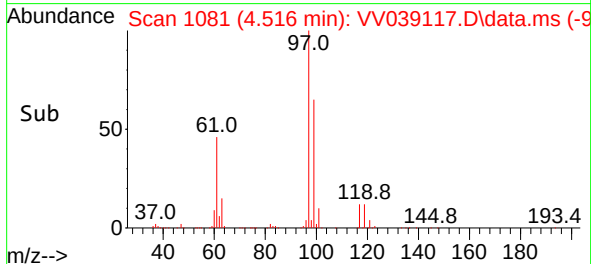
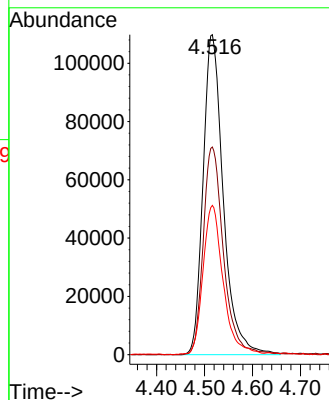
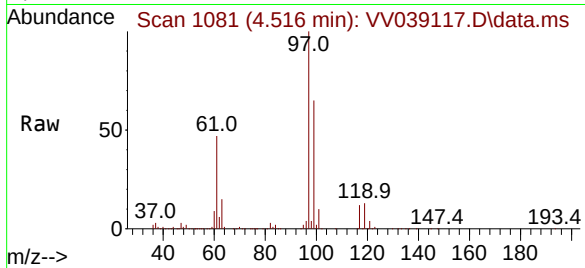
Tgt Ion: 97 Resp: 321564

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.6 32.9 49.3



#30

Cyclohexane

Concen: 6.490 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

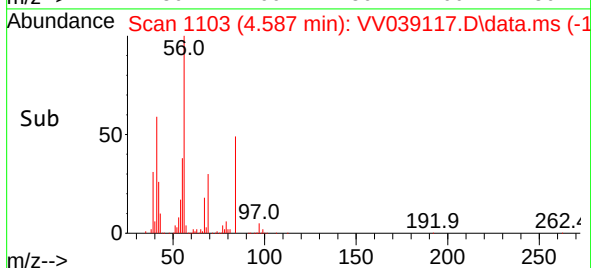
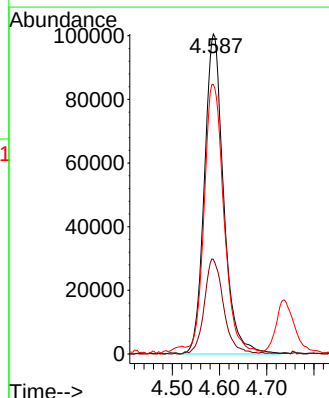
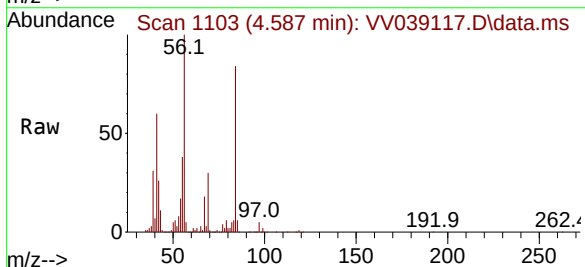
Tgt Ion: 56 Resp: 284427

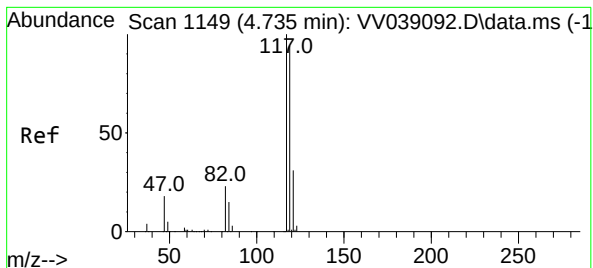
Ion Ratio Lower Upper

56 100

69 28.7 25.0 37.6

84 84.5 71.3 106.9





#31

Carbon tetrachloride

Concen: 6.182 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

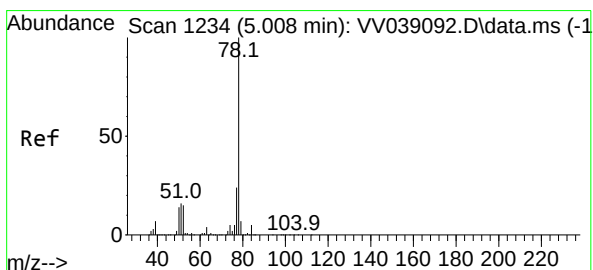
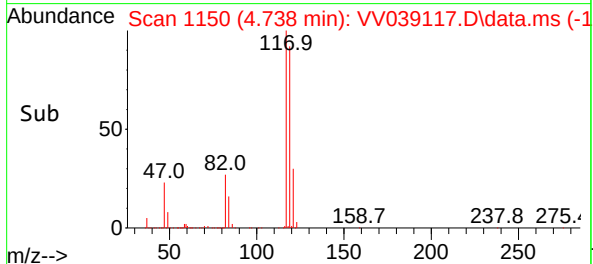
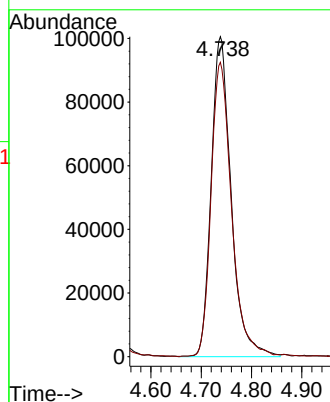
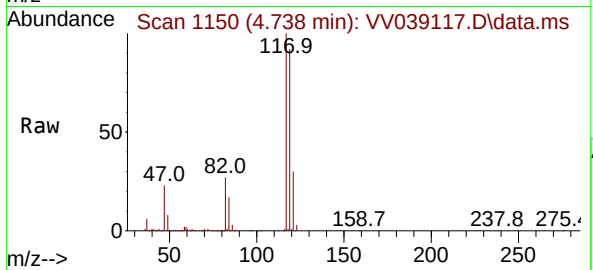
ClientSampleId :

Tgt Ion:117 Resp: 276867

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.2



#33

Benzene

Concen: 6.956 ug/L

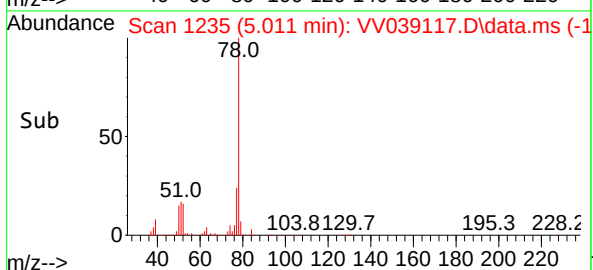
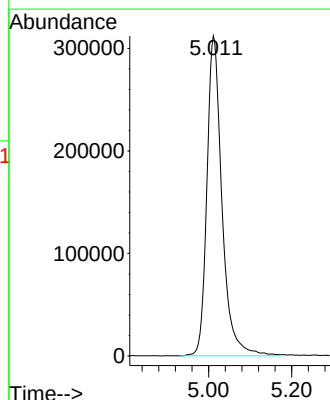
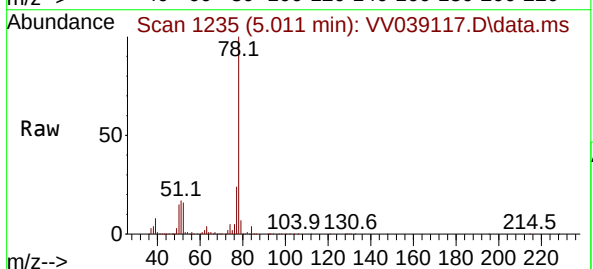
RT: 5.011 min Scan# 1235

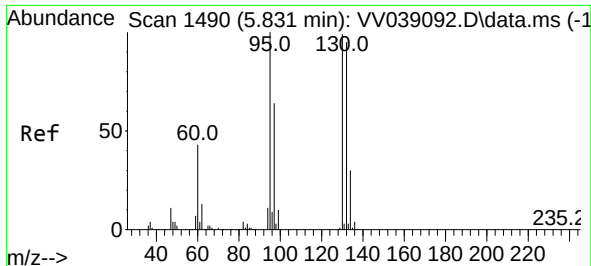
Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

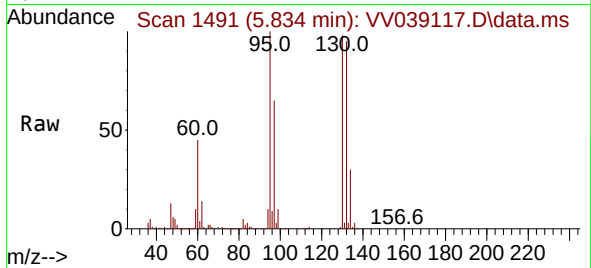
Tgt Ion: 78 Resp: 785849



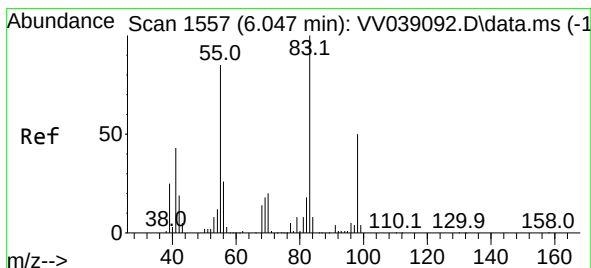
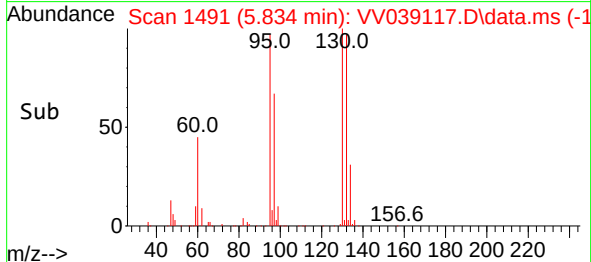
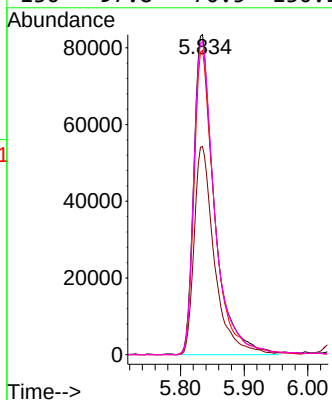


#34
 Trichloroethene
 Concen: 6.193 ug/L
 RT: 5.834 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Instrument :
 MSVOA_V
 ClientSampleId :

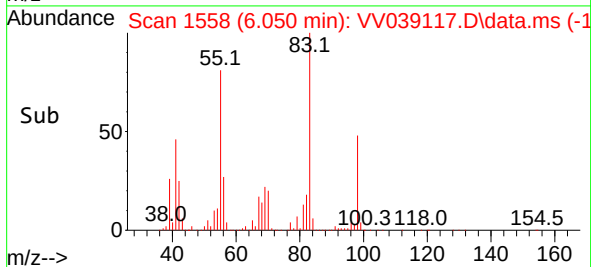
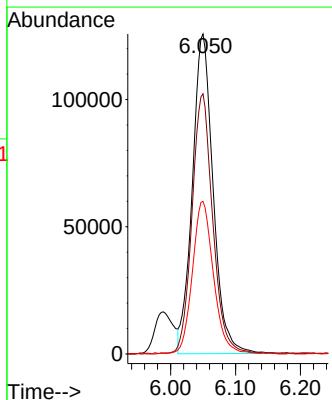
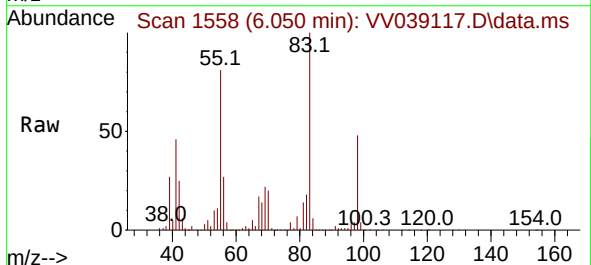


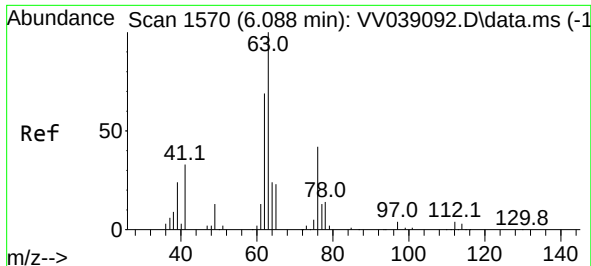
Tgt Ion: 95 Resp: 188591
 Ion Ratio Lower Upper
 95 100
 97 65.1 43.3 80.5
 132 95.1 65.5 121.7
 130 97.8 70.5 130.9



#35
 Methylcyclohexane
 Concen: 5.872 ug/L
 RT: 6.050 min Scan# 1558
 Delta R.T. 0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Tgt Ion: 83 Resp: 279785
 Ion Ratio Lower Upper
 83 100
 55 80.5 61.4 92.2
 98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 6.895 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

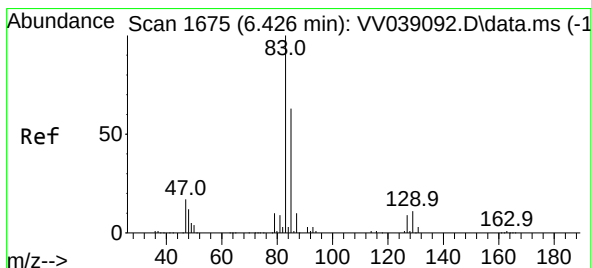
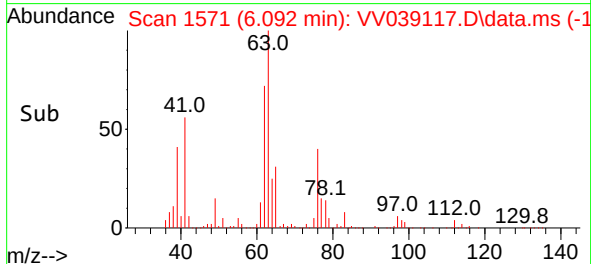
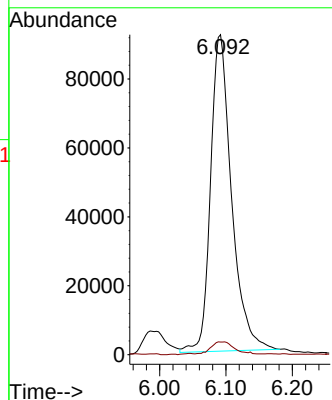
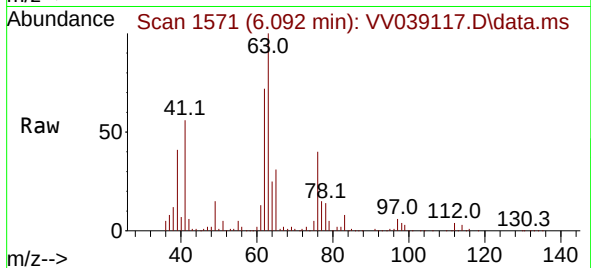
ClientSampleId :

Tgt Ion: 63 Resp: 202015

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 7.018 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

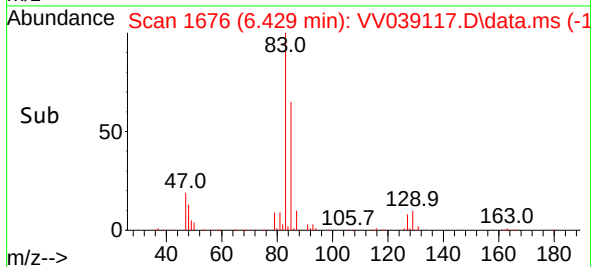
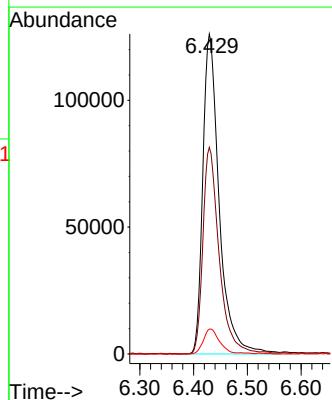
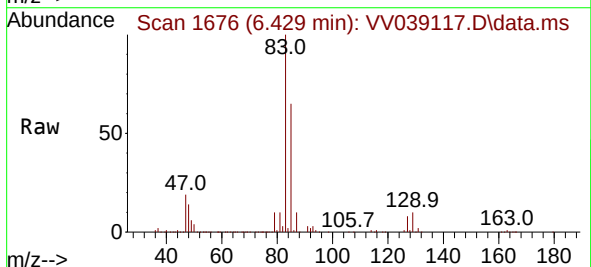
Tgt Ion: 83 Resp: 267312

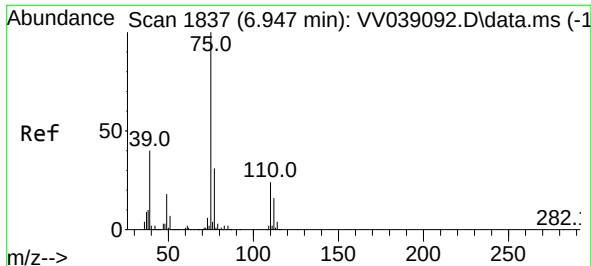
Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.2

127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 6.687 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

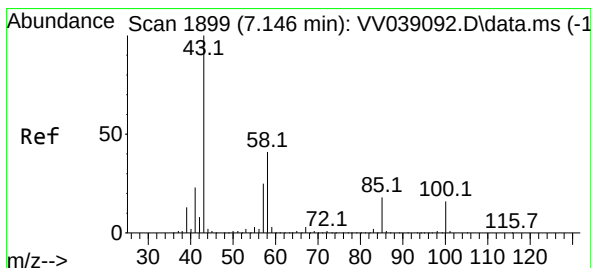
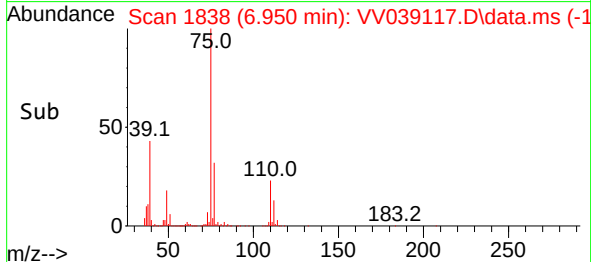
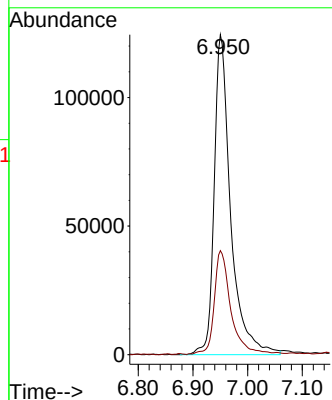
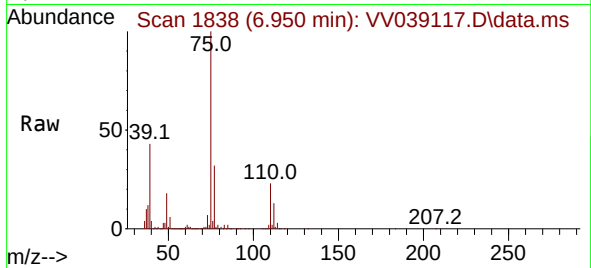
ClientSampleId :

Tgt Ion: 75 Resp: 259912

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 83.527 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

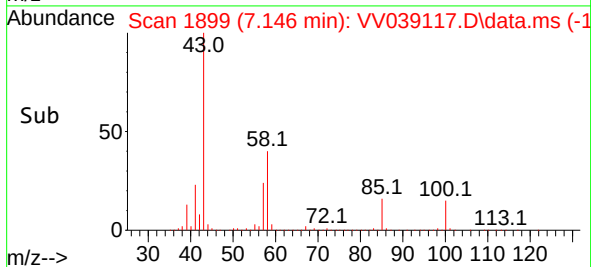
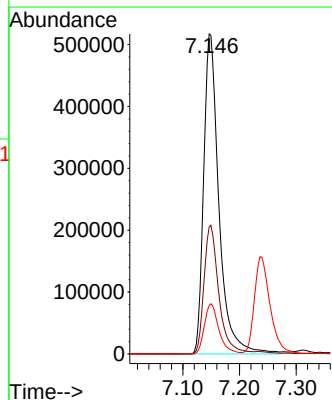
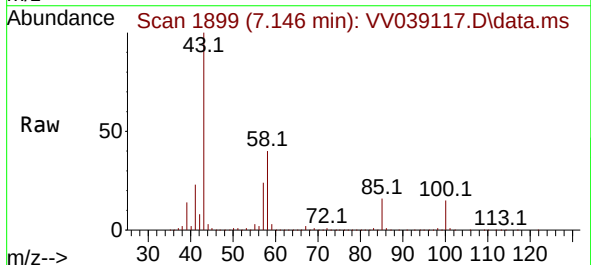
Tgt Ion: 43 Resp: 969604

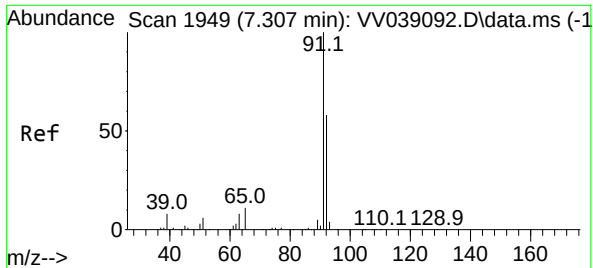
Ion Ratio Lower Upper

43 100

58 38.9 31.7 47.5

100 14.9 13.0 19.4

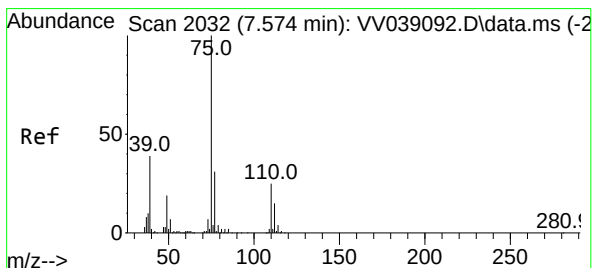
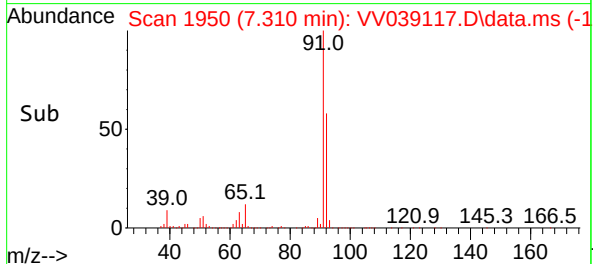
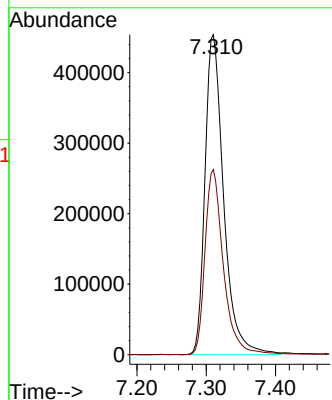
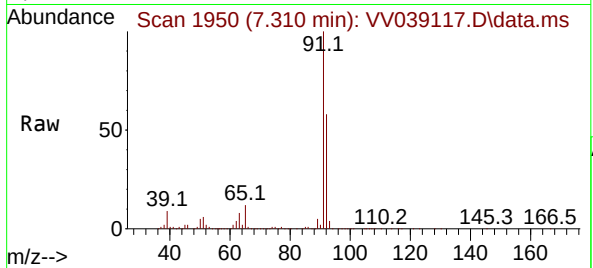




#42
Toluene
Concen: 7.204 ug/L
RT: 7.310 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

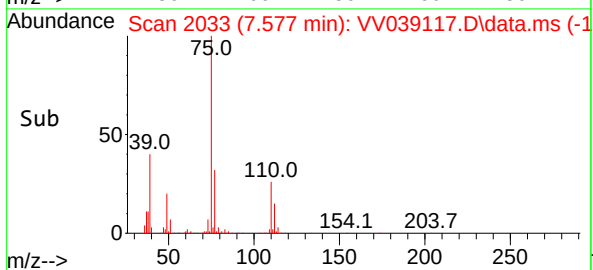
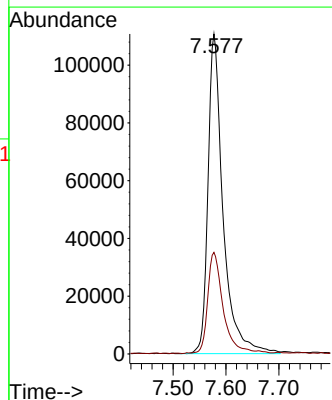
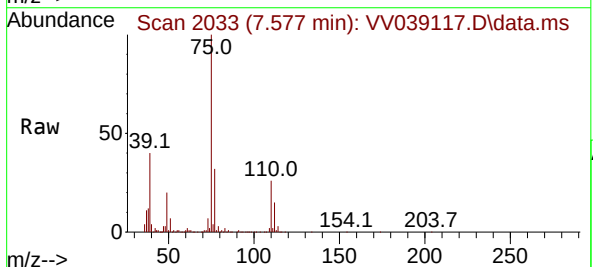
Instrument :
MSVOA_V
ClientSampleId :

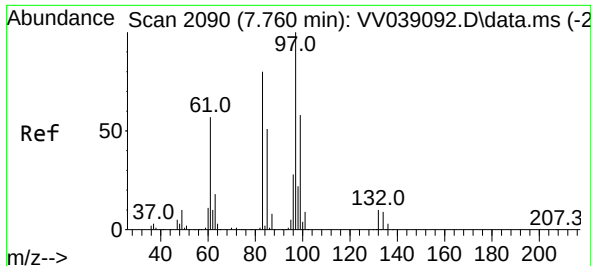
Tgt Ion: 91 Resp: 848231
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 6.927 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

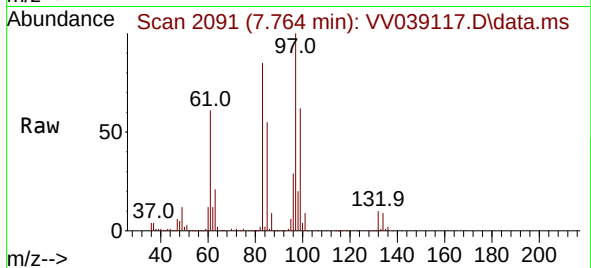
Tgt Ion: 75 Resp: 218813
Ion Ratio Lower Upper
75 100
77 31.7 21.9 40.7



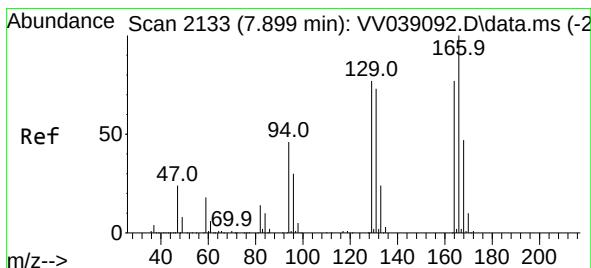
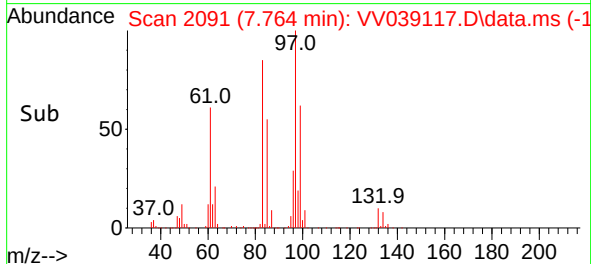
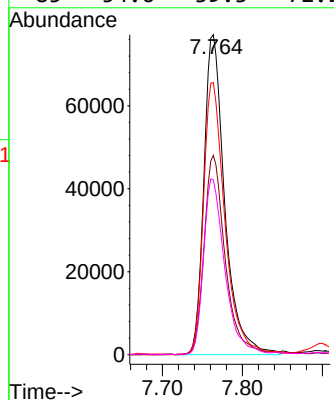


#45
1,1,2-Trichloroethane
Concen: 6.977 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Instrument :
MSVOA_V
ClientSampleId :

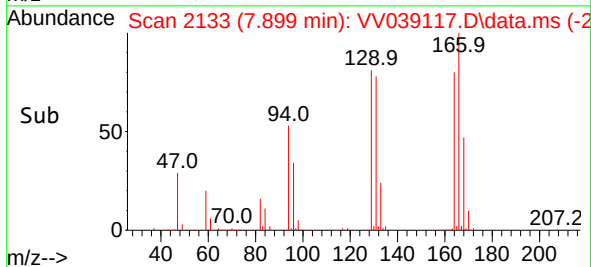
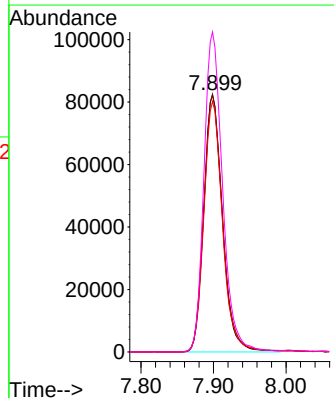
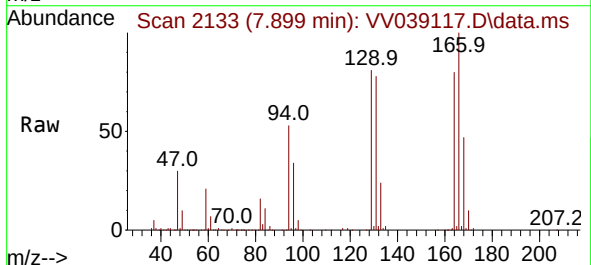


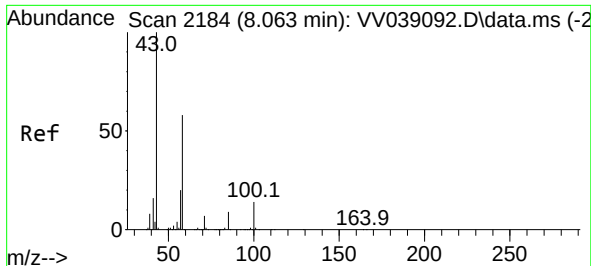
Tgt Ion:	97	Resp:	140386
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.3
83	85.1	61.7	114.7
85	54.6	39.3	72.9



#47
Tetrachloroethene
Concen: 6.233 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion:	164	Resp:	148379
Ion	Ratio	Lower	Upper
164	100		
129	100.2	68.0	126.4
131	97.4	65.4	121.4
166	124.4	86.7	161.1

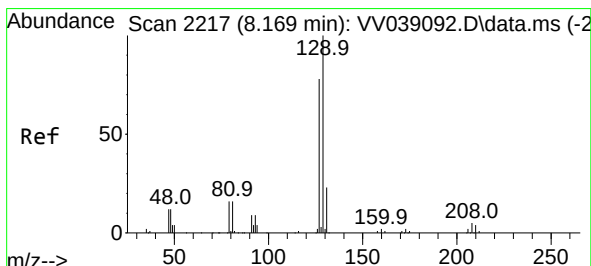
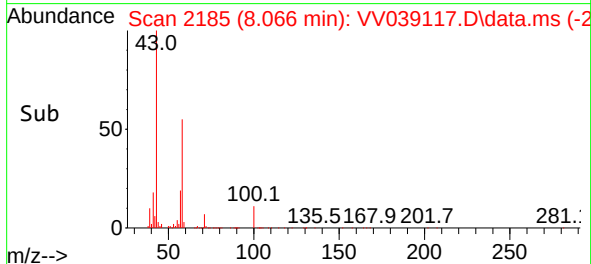
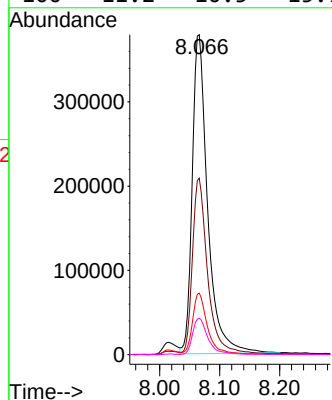
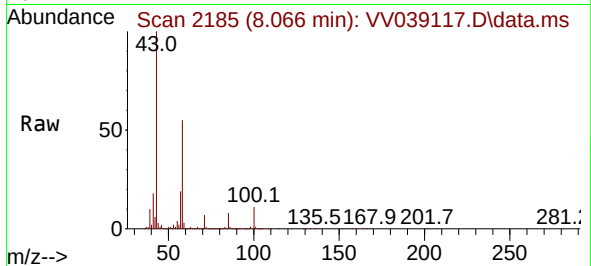




#48
2-Hexanone
Concen: 84.032 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

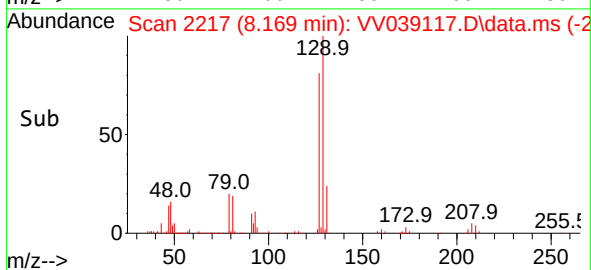
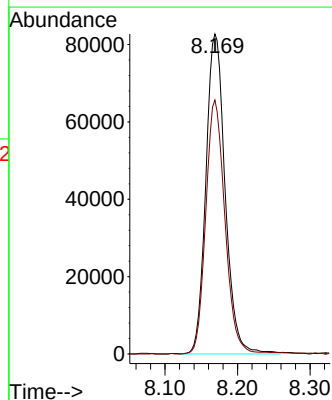
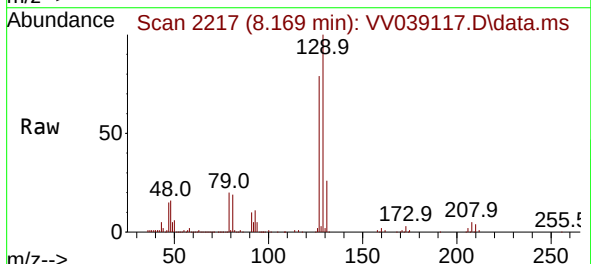
Instrument :
MSVOA_V
ClientSampleId :

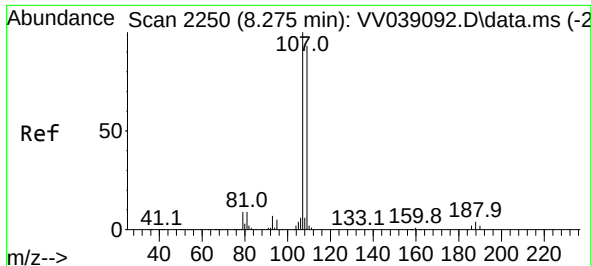
Tgt Ion: 43 Resp: 678121
Ion Ratio Lower Upper
43 100
58 54.1 45.6 68.4
57 18.3 15.6 23.4
100 11.2 10.5 15.7



#49
Dibromochloromethane
Concen: 6.491 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 129 Resp: 152866
Ion Ratio Lower Upper
129 100
127 79.3 56.7 105.3

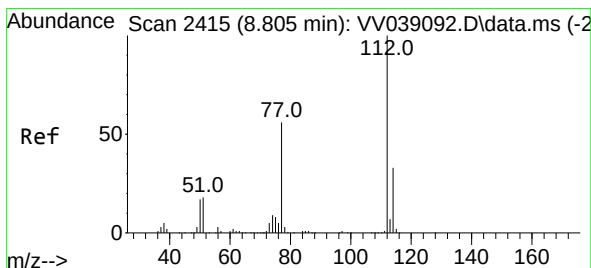
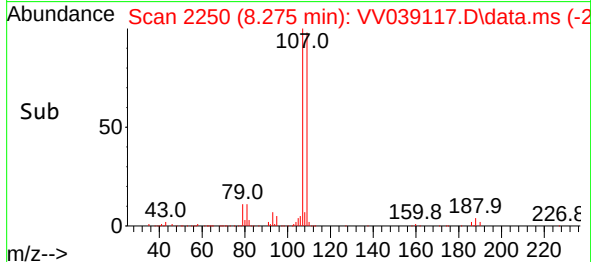
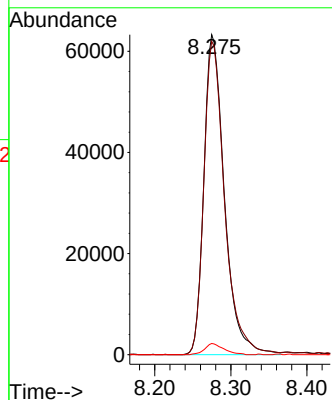
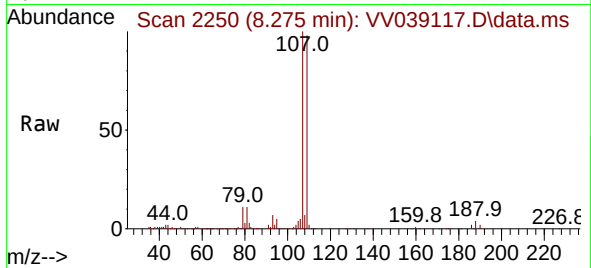




#50
1,2-Dibromoethane
Concen: 6.583 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

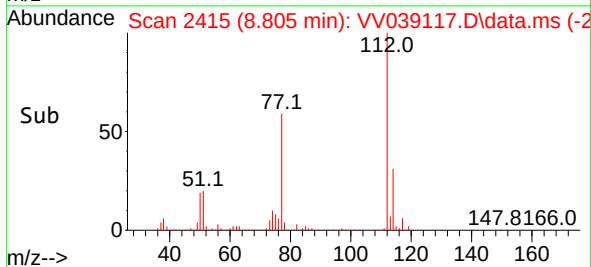
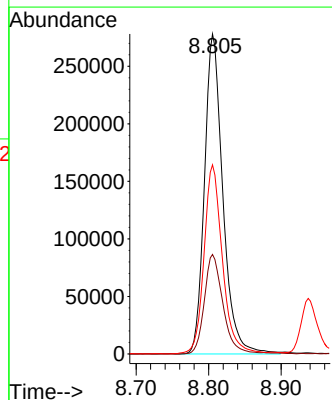
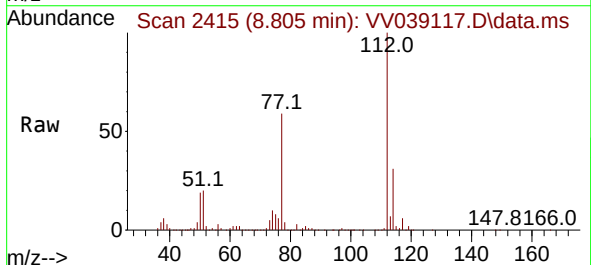
Instrument :
MSVOA_V
ClientSampleId :

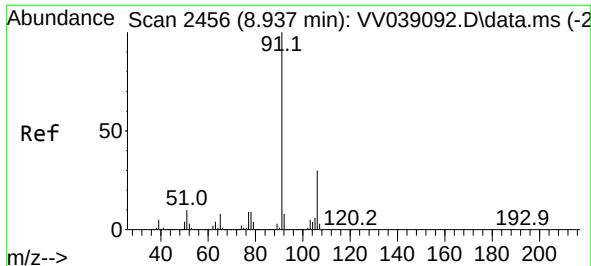
Tgt Ion:107 Resp: 118848
Ion Ratio Lower Upper
107 100
109 97.9 67.1 124.7
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 6.457 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion:112 Resp: 490689
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.6
77 59.1 46.6 69.8

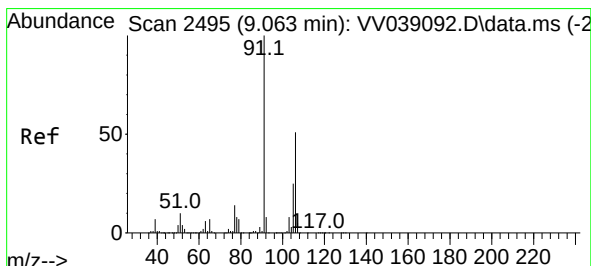
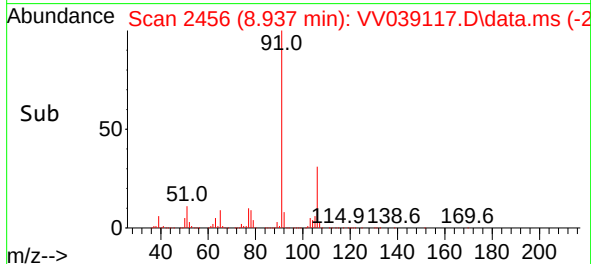
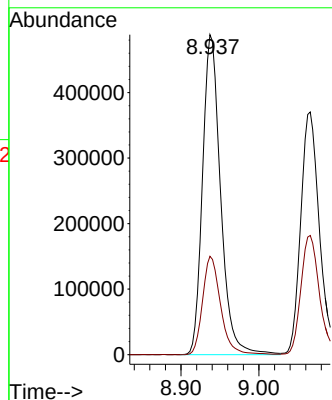
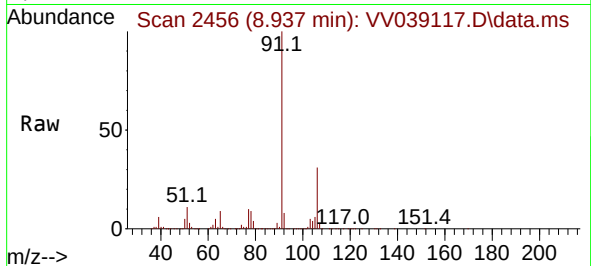




#52
Ethylbenzene
Concen: 6.488 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

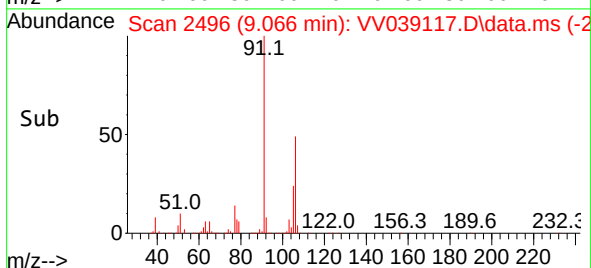
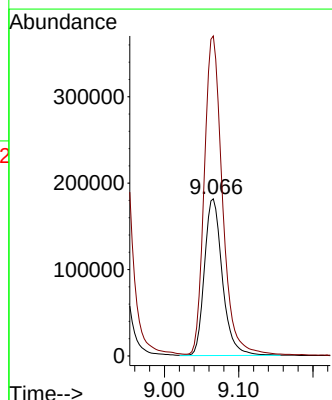
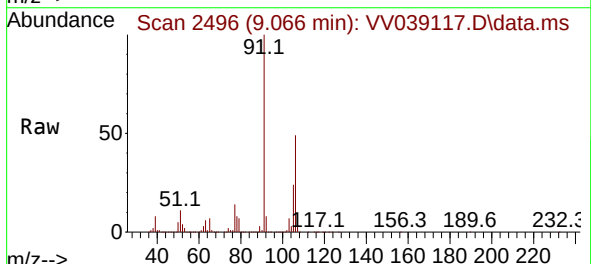
Instrument :
MSVOA_V
ClientSampleId :

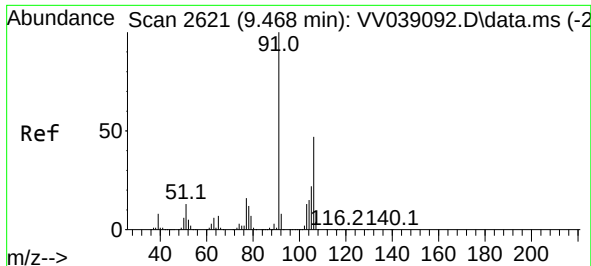
Tgt Ion: 91 Resp: 786999
Ion Ratio Lower Upper
91 100
106 30.8 20.8 38.6



#53
m,p-Xylene
Concen: 6.449 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion:106 Resp: 304282
Ion Ratio Lower Upper
106 100
91 203.7 140.1 260.3

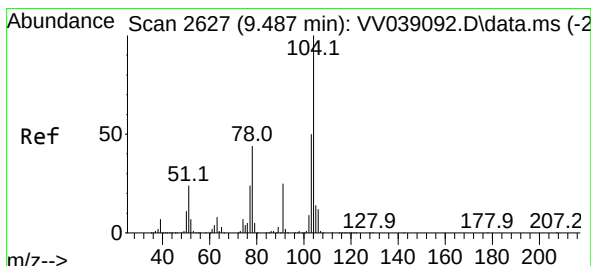
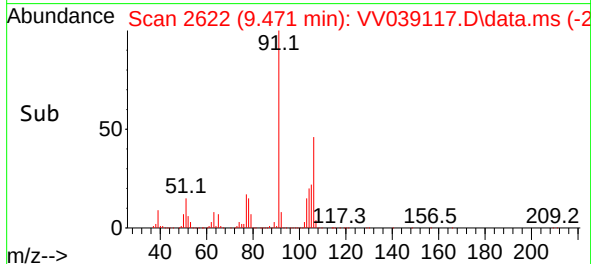
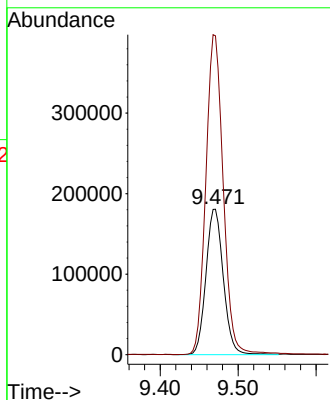
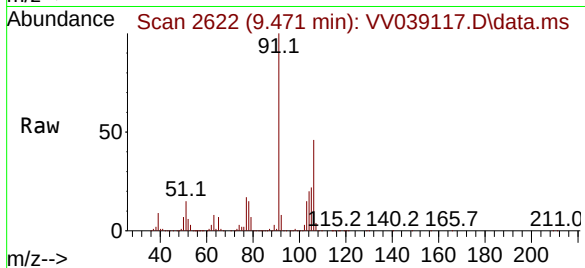




#54
o-Xylene
Concen: 6.478 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

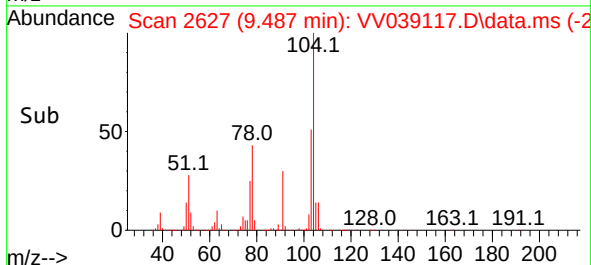
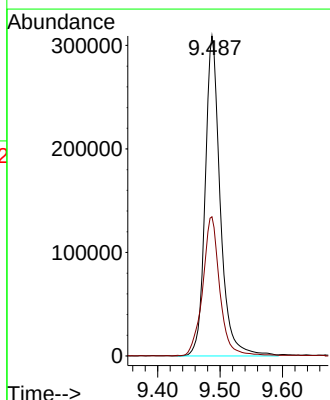
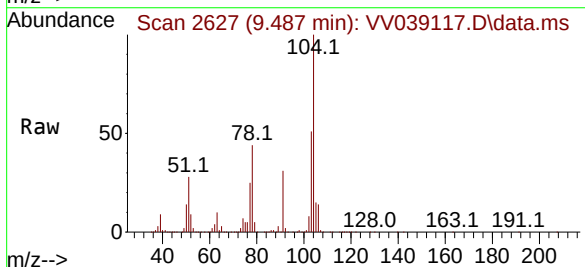
Instrument :
MSVOA_V
ClientSampleId :

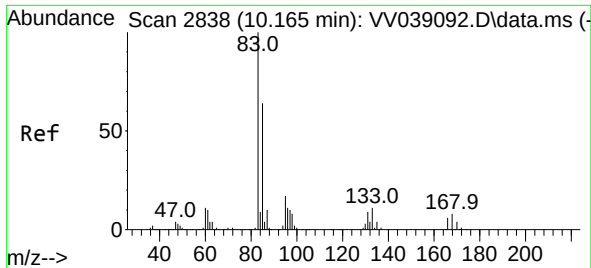
Tgt Ion:106 Resp: 280389
Ion Ratio Lower Upper
106 100
91 219.2 150.7 279.9



#55
Styrene
Concen: 6.819 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion:104 Resp: 521494
Ion Ratio Lower Upper
104 100
78 43.5 29.9 55.5

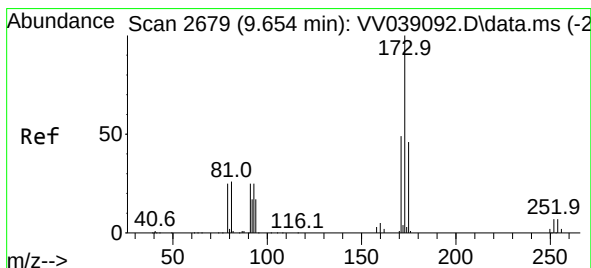
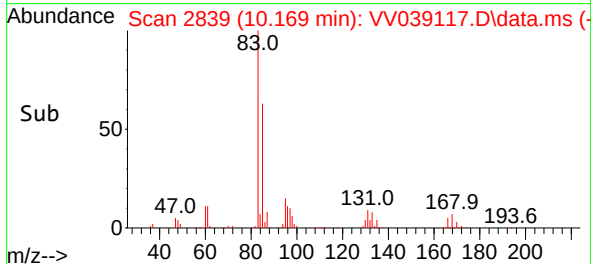
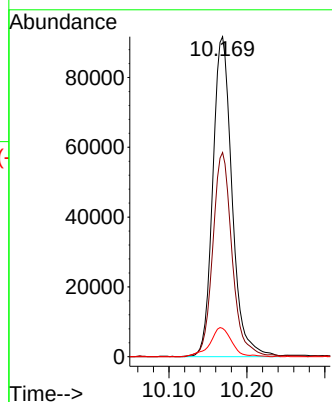
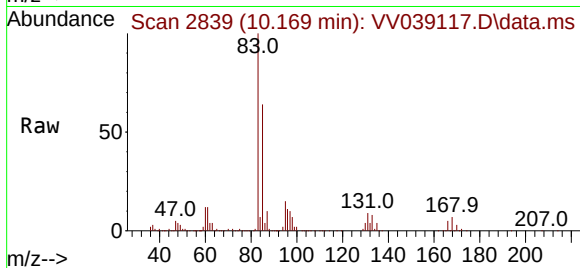




#57
1,1,2,2-Tetrachloroethane
Concen: 7.020 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

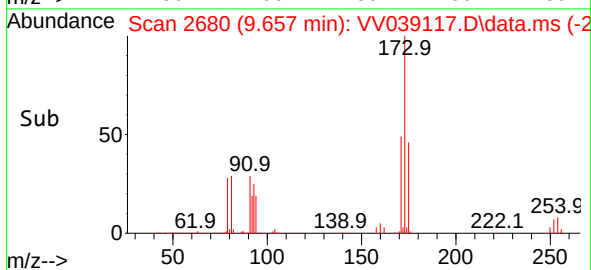
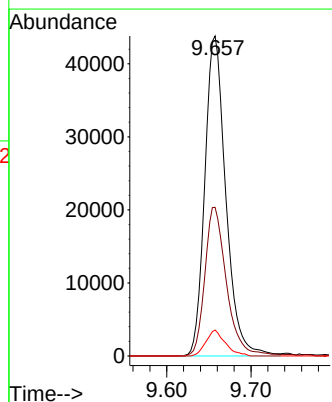
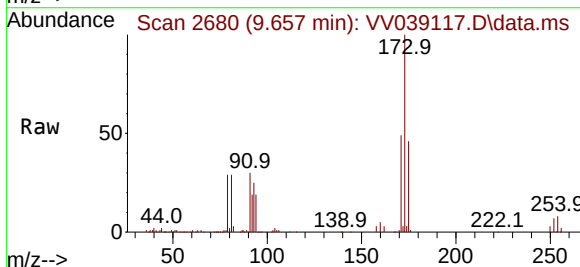
Instrument :
MSVOA_V
ClientSampleId :

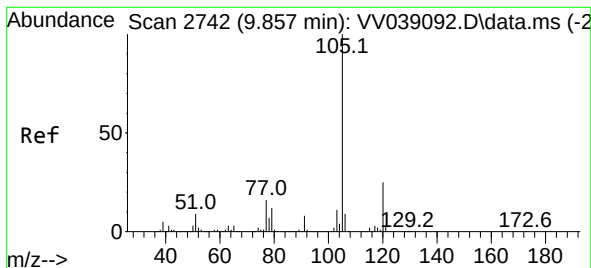
Tgt Ion: 83 Resp: 157426
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.4
131 8.9 7.2 10.8



#59
Bromoform
Concen: 6.066 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 173 Resp: 76184
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 7.4 6.8 10.2





#60

Isopropylbenzene

Concen: 6.366 ug/L

RT: 9.857 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VV039117.D

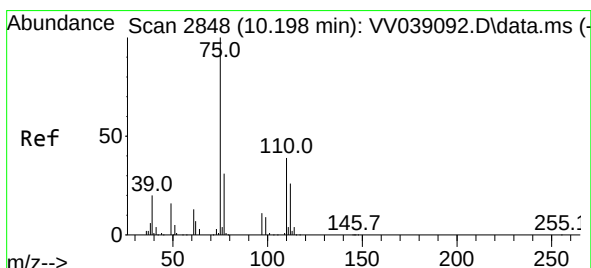
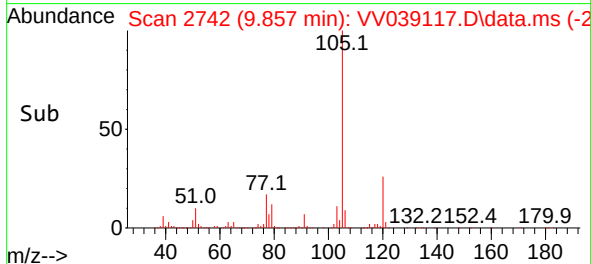
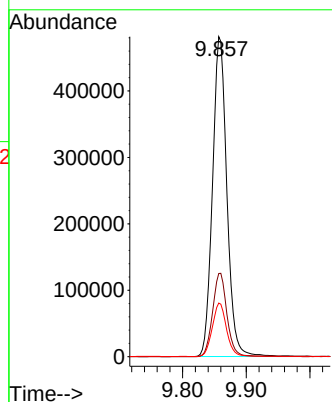
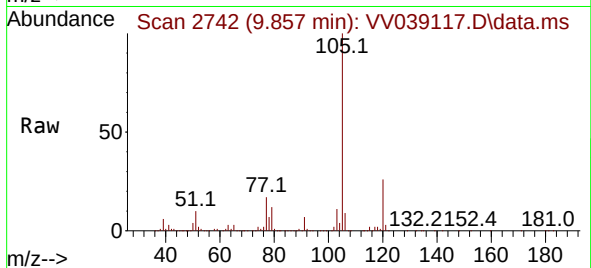
Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	753817
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.8	31.2
77	16.6	12.5	18.7



#61

1,2,3-Trichloropropane

Concen: 6.987 ug/L

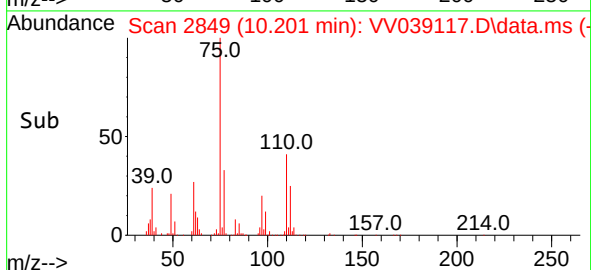
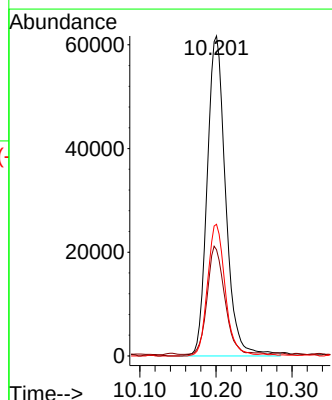
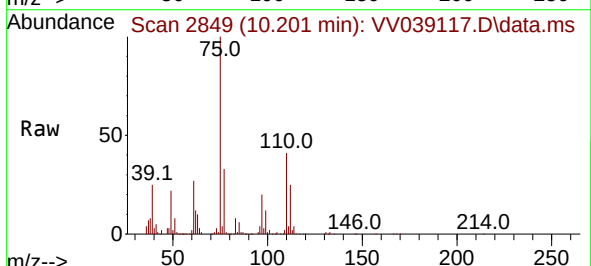
RT: 10.201 min Scan# 2849

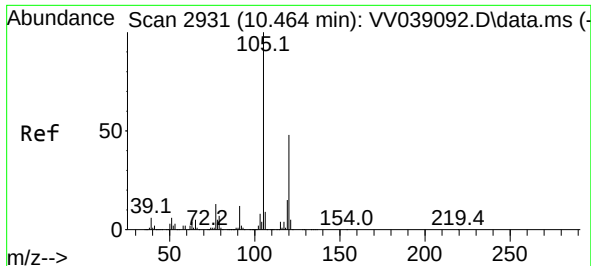
Delta R.T. 0.003 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Tgt Ion:	75	Resp:	104185
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7
110	39.3	31.0	46.4

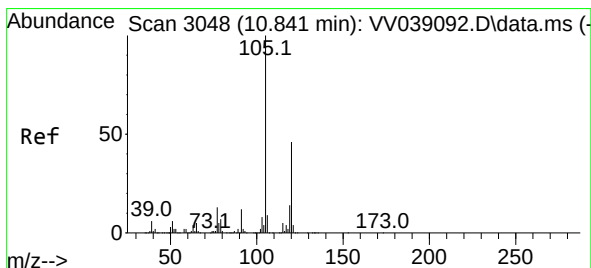
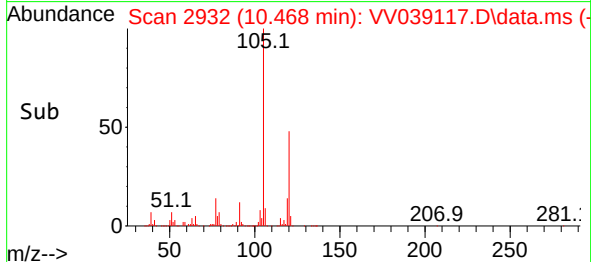
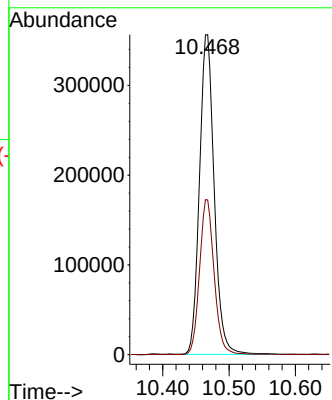
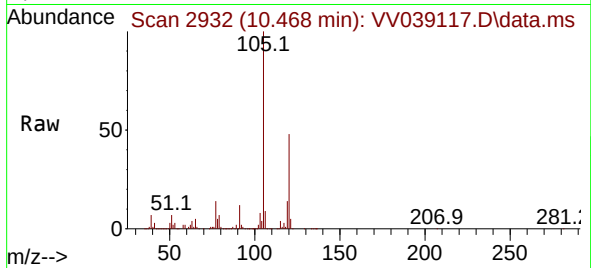




#62
 1,3,5-Trimethylbenzene
 Concen: 6.037 ug/L
 RT: 10.468 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

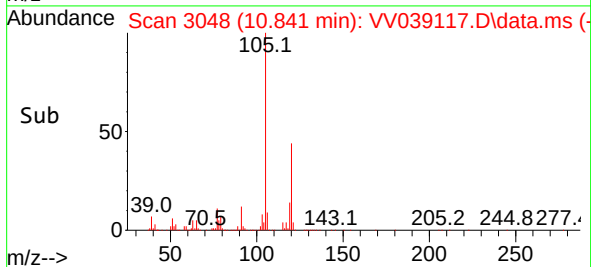
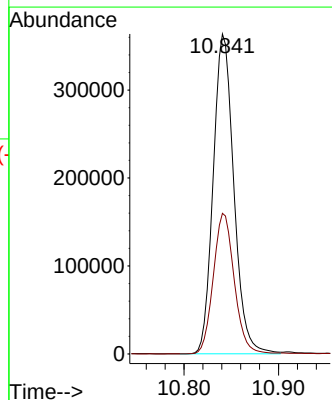
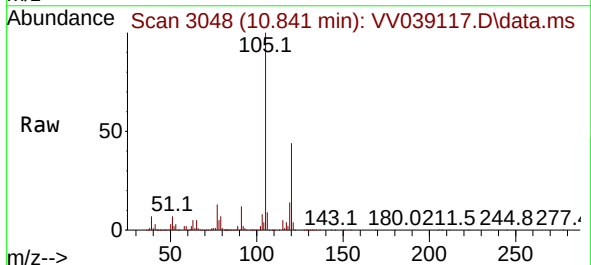
Instrument :
 MSVOA_V
 ClientSampleId :

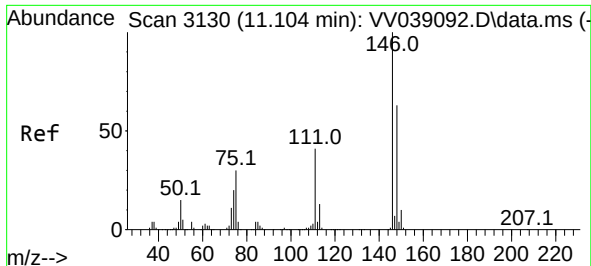
Tgt Ion:105 Resp: 548793
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 6.174 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: VV039117.D
 Acq: 16 Sep 2025 18:52

Tgt Ion:105 Resp: 551276
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.6 54.8

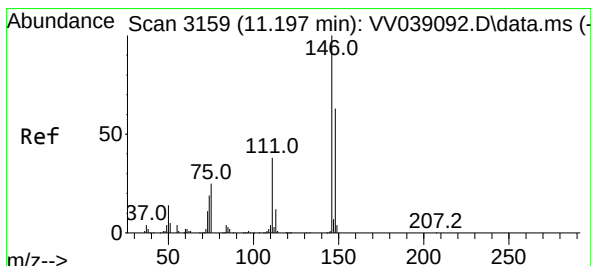
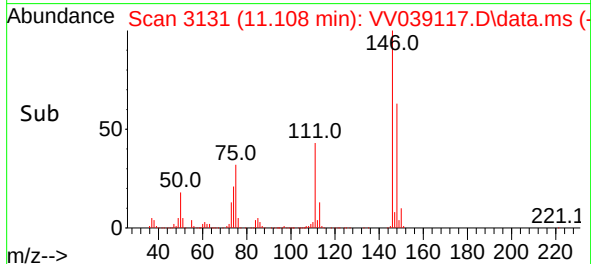
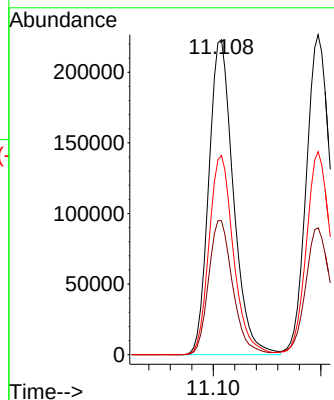
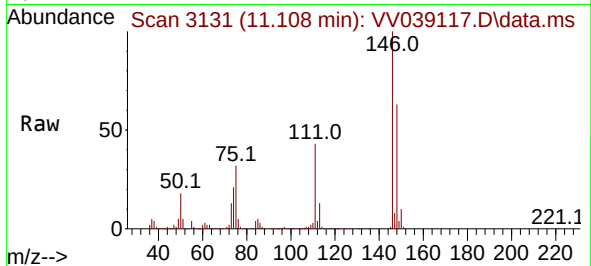




#64
1,3-Dichlorobenzene
Concen: 6.136 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

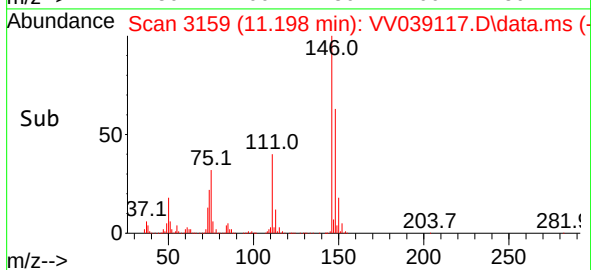
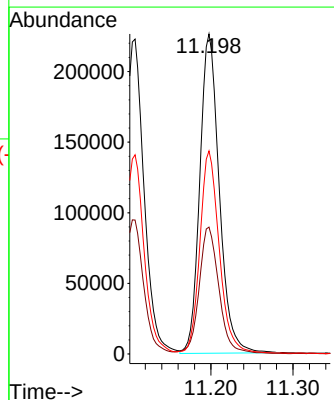
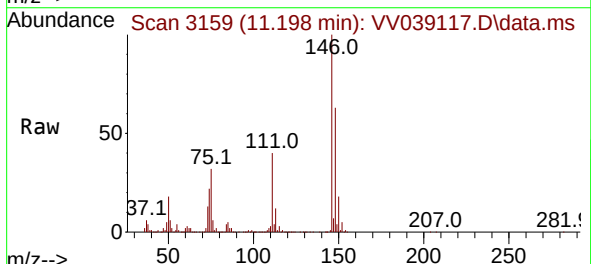
Instrument :
MSVOA_V
ClientSampleId :

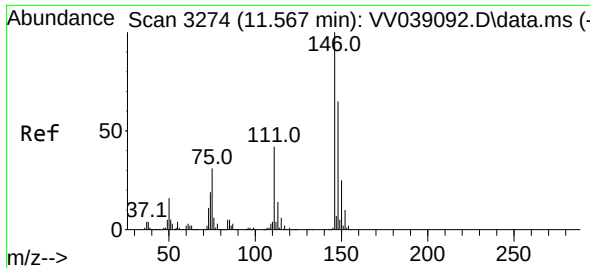
Tgt Ion:146 Resp: 354516
Ion Ratio Lower Upper
146 100
111 42.6 28.3 52.7
148 63.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 6.227 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion:146 Resp: 372180
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.6
148 63.5 43.8 81.4

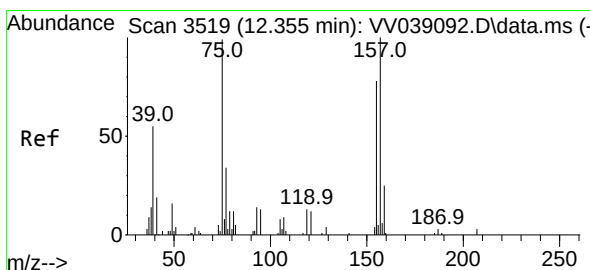
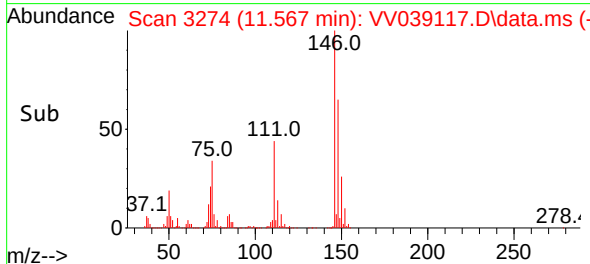
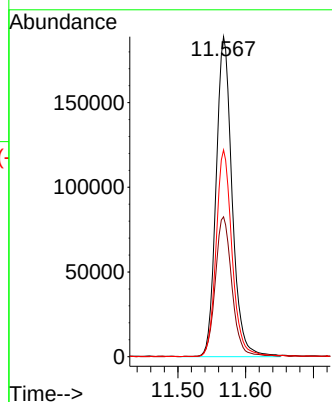
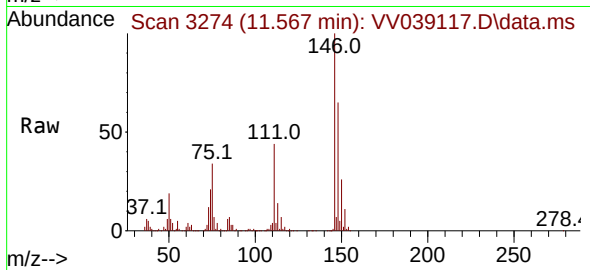




#67
1,2-Dichlorobenzene
Concen: 6.058 ug/L
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

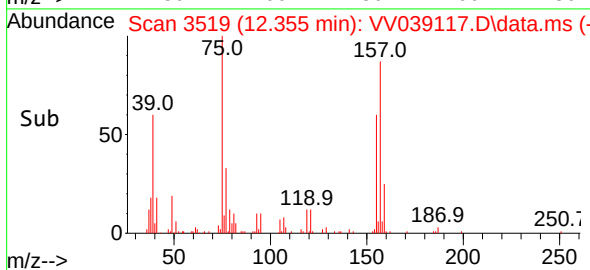
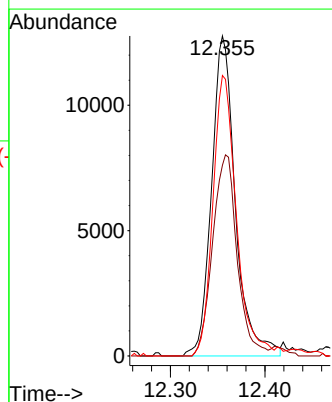
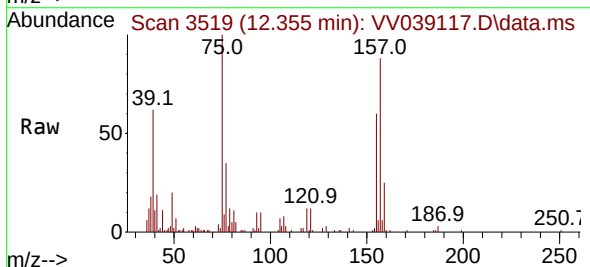
Instrument :
MSVOA_V
ClientSampleId :

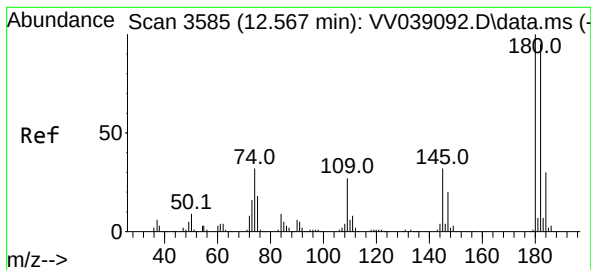
Tgt Ion:146 Resp: 310130
Ion Ratio Lower Upper
146 100
111 43.7 33.4 50.2
148 64.6 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 6.868 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. 0.000 min
Lab File: VV039117.D
Acq: 16 Sep 2025 18:52

Tgt Ion: 75 Resp: 22313
Ion Ratio Lower Upper
75 100
155 59.6 59.4 89.0
157 87.7 76.2 114.2





#69

1,3,5-Trichlorobenzene

Concen: 5.552 ug/L

RT: 12.570 min Scan# 3585

Delta R.T. 0.003 min

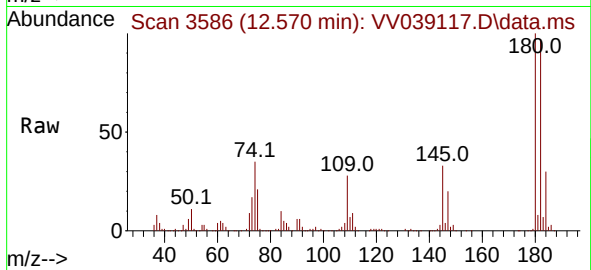
Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 210205

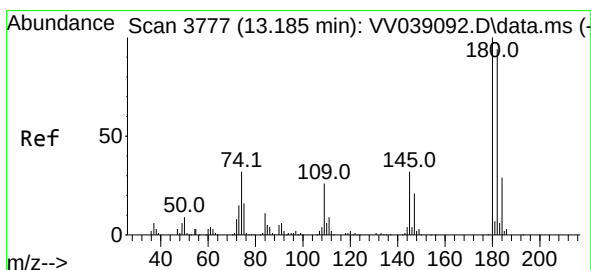
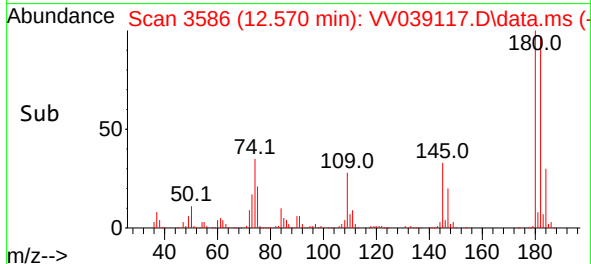
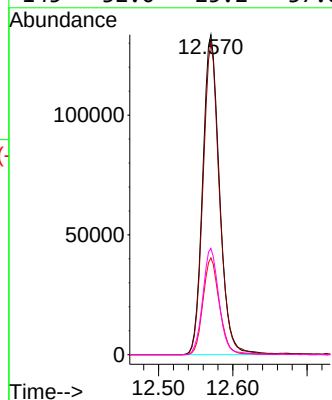
Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

184 29.2 24.0 36.0

145 32.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.521 ug/L

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

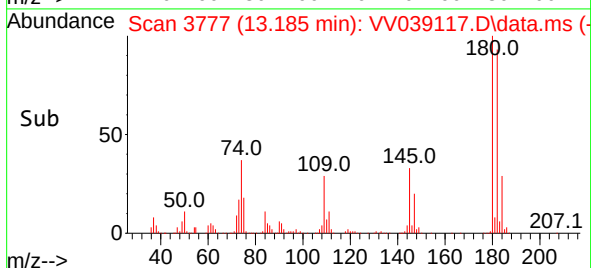
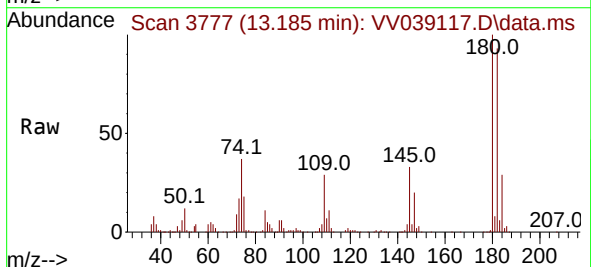
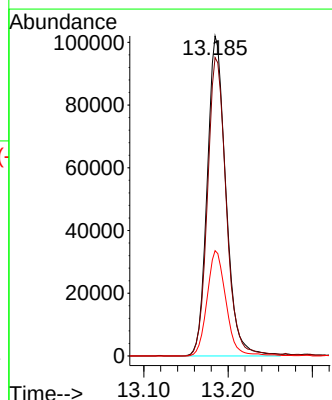
Tgt Ion:180 Resp: 157375

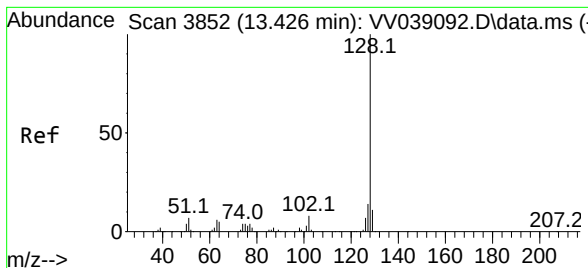
Ion Ratio Lower Upper

180 100

182 94.1 73.2 109.8

145 33.4 25.0 37.4





#71

Naphthalene

Concen: 5.739 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Instrument :

MSVOA_V

ClientSampleId :

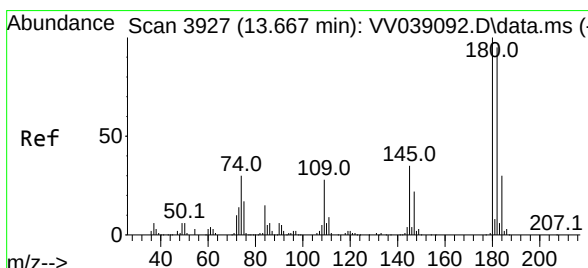
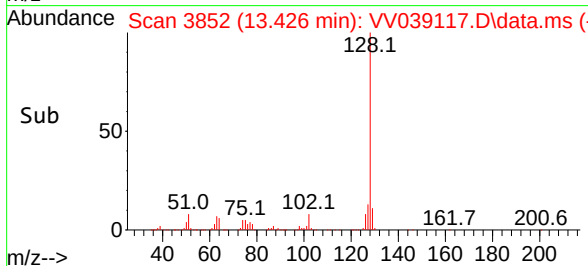
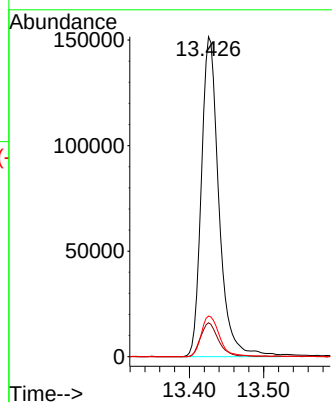
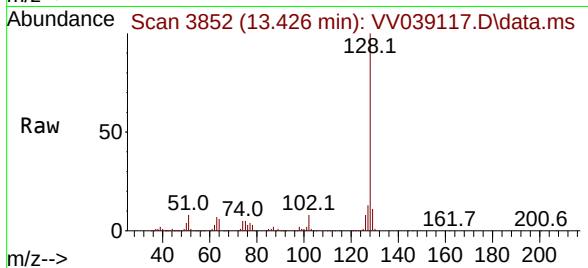
Tgt Ion:128 Resp: 249317

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.4 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 5.851 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039117.D

Acq: 16 Sep 2025 18:52

Tgt Ion:180 Resp: 148713

Ion Ratio Lower Upper

180 100

182 93.3 76.6 115.0

145 34.1 27.4 41.2

