

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021425\
 Data File : VW038688.D
 Acq On : 14 Feb 2025 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Feb 17 10:26:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 14 14:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	114047	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	122319	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	62784	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46241	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.532	69	38648	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.056	65	20186	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.789	46	110047	53.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.48%
24) Chloroform-d	4.240	84	91335	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	4.937	65	43405	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	4.950	84	160575	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	5.982	67	48747	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.233	98	147144	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	7.551	79	19079	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.018	63	86422	57.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.62%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	47848	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
66) 1,2-Dichlorobenzene-d4	11.551	152	49971	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.108	85	73261	5.41	ug/L 99
3) Chloromethane	1.214	50	63366	4.99	ug/L 99
5) Vinyl chloride	1.281	62	67804	5.04	ug/L 99
6) Bromomethane	1.487	94	26465	4.56	ug/L 96
8) Chloroethane	1.548	64	40414	4.85	ug/L 99
9) Trichlorofluoromethane	1.712	101	96698	5.38	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	57537	5.76	ug/L 98
12) 1,1-Dichloroethene	2.066	96	51478	5.30	ug/L 94
13) Acetone	2.121	43	88205	58.65	ug/L 96
14) Carbon disulfide	2.236	76	164941	5.16	ug/L 98
15) Methyl Acetate	2.378	43	22987	5.94	ug/L 99
16) Methylene chloride	2.442	84	56524	5.12	ug/L 94
17) Methyl tert-butyl Ether	2.696	73	111603	5.62	ug/L 99
18) trans-1,2-Dichloroethene	2.690	96	51326	5.28	ug/L 93
19) 1,1-Dichloroethane	3.105	63	101464	5.43	ug/L 99
21) 2-Butanone	3.870	43	125281	55.50	ug/L 99
22) cis-1,2-Dichloroethene	3.805	96	51685	5.16	ug/L 95
23) Bromochloromethane	4.140	128	25678	5.39	ug/L 96
25) Chloroform	4.265	83	102281	5.47	ug/L 97

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 Data File : VW038688.D
 Acq On : 14 Feb 2025 09:29
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Feb 17 10:26:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 14 14:41:25 2025
 Response via : Initial Calibration

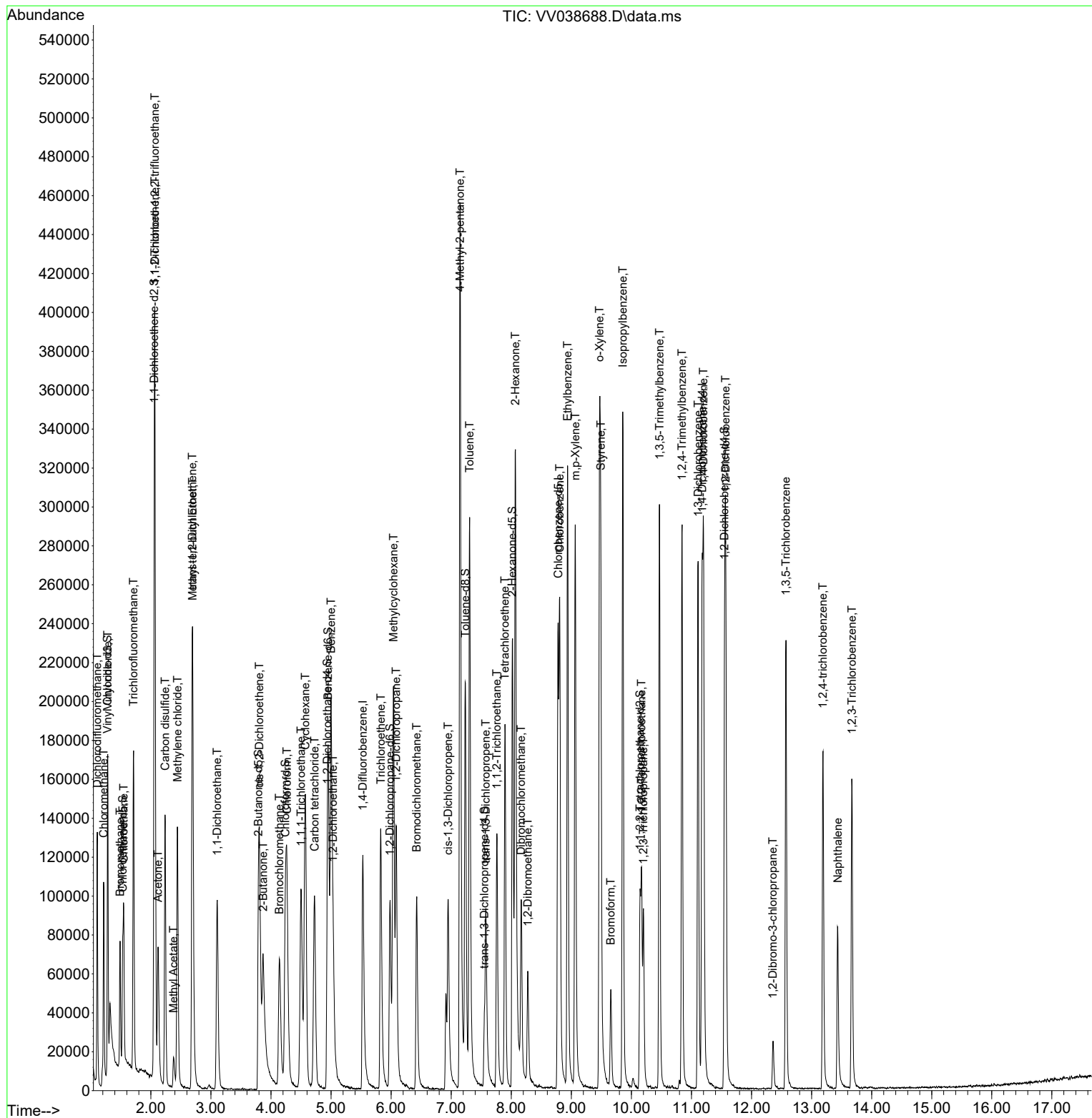
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	61323	5.58	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	86230	5.00	ug/L	98
30) Cyclohexane	4.571	56	78614	5.28	ug/L	98
31) Carbon tetrachloride	4.725	117	76616	5.09	ug/L	98
33) Benzene	4.998	78	211835	5.47	ug/L	100
34) Trichloroethene	5.828	95	53434	5.37	ug/L	98
35) Methylcyclohexane	6.040	83	79171	5.06	ug/L	98
37) 1,2-Dichloropropane	6.085	63	55676	5.69	ug/L	99
38) Bromodichloromethane	6.426	83	71374	5.31	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	69073	5.18	ug/L	94
40) 4-Methyl-2-pentanone	7.146	43	326402	63.51	ug/L	99
42) Toluene	7.307	91	227964	5.54	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	61029	5.45	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	43956	5.74	ug/L	96
47) Tetrachloroethene	7.895	164	42445	5.49	ug/L	98
48) 2-Hexanone	8.069	43	236799	62.44	ug/L	98
49) Dibromochloromethane	8.165	129	46386	5.46	ug/L	98
50) 1,2-Dibromoethane	8.275	107	40999	5.79	ug/L #	95
51) Chlorobenzene	8.805	112	141287	5.23	ug/L	99
52) Ethylbenzene	8.937	91	223935	5.13	ug/L	99
53) m,p-Xylene	9.066	106	83951	5.22	ug/L	96
54) o-Xylene	9.471	106	80319	5.12	ug/L	98
55) Styrene	9.490	104	145338	5.48	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	55678	5.91	ug/L	99
59) Bromoform	9.657	173	23412	5.58	ug/L	96
60) Isopropylbenzene	9.857	105	222219	5.37	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	37737	5.84	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	158589	4.87	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	160860	4.97	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	110523	5.35	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	111196	5.29	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	103144	5.32	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.355	75	7278	5.53	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	68117	5.02	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	52979	5.17	ug/L	99
71) Naphthalene	13.435	128	73393	4.47	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	47865	5.04	ug/L	99

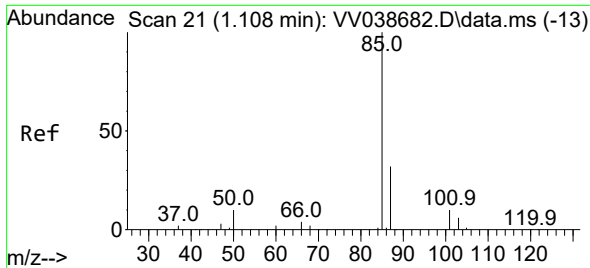
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 Data File : VV038688.D
 Acq On : 14 Feb 2025 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Feb 17 10:26:29 2025
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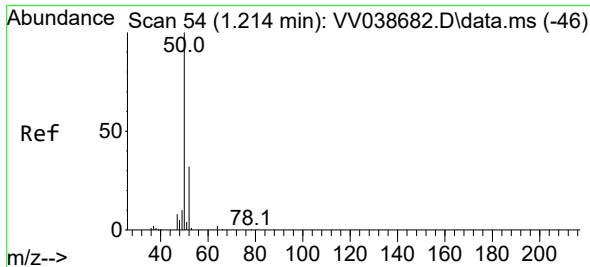
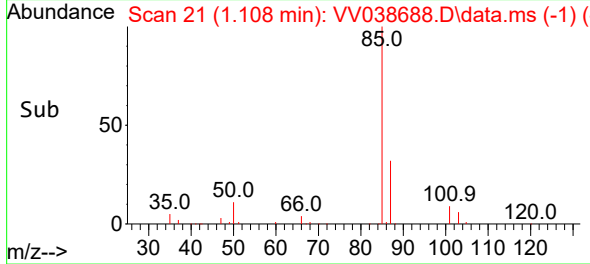
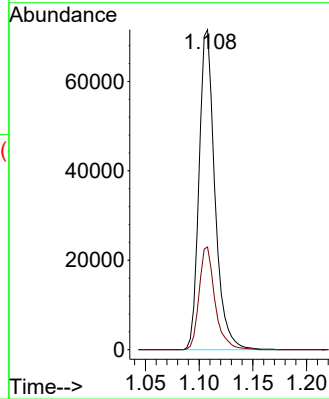
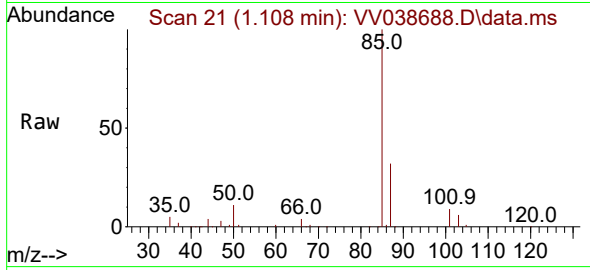




#2
 Dichlorodifluoromethane
 Concen: 5.41 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

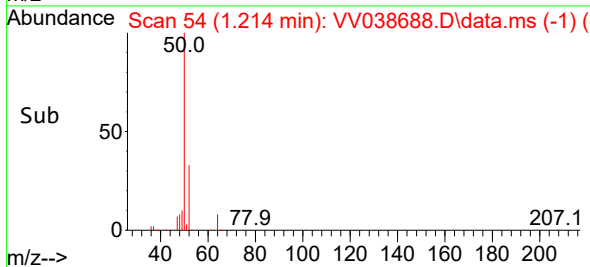
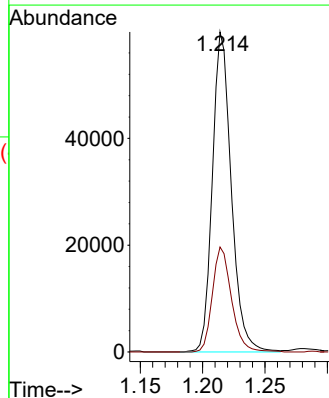
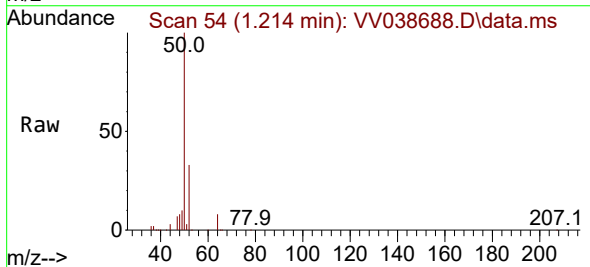
Instrument :
 MSVOA_V
 ClientSampleId :
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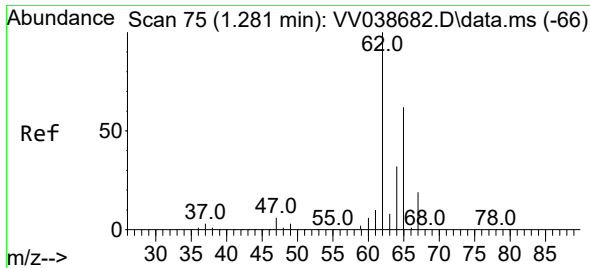
Tgt Ion: 85 Resp: 73261
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 4.99 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion: 50 Resp: 63366
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2

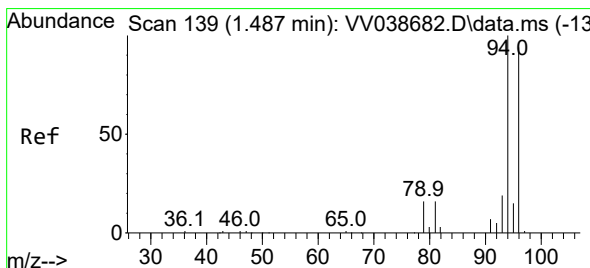
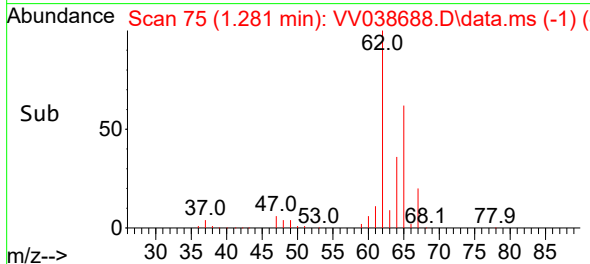
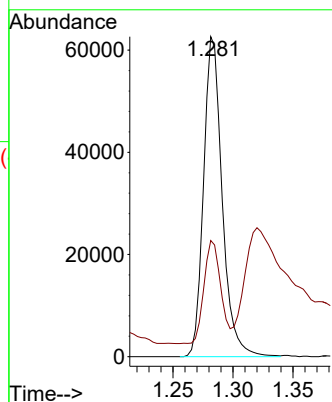
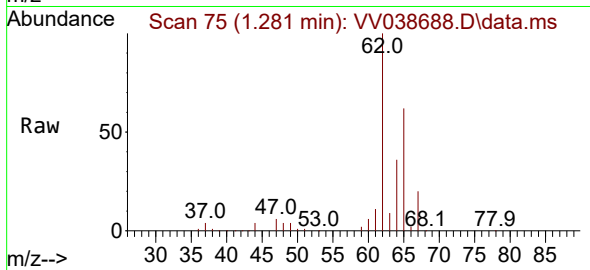




#5
 Vinyl chloride
 Concen: 5.04 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

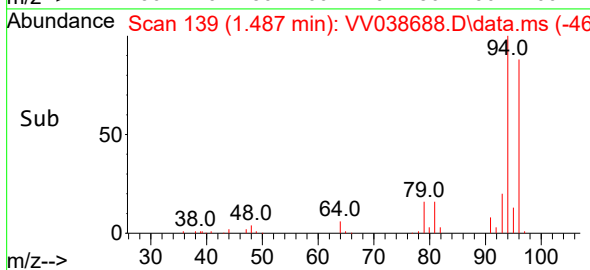
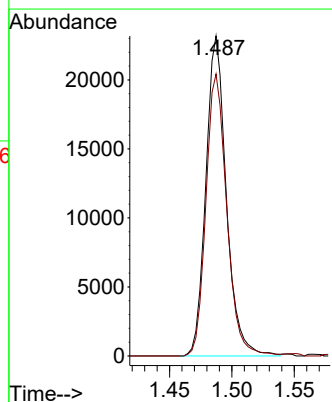
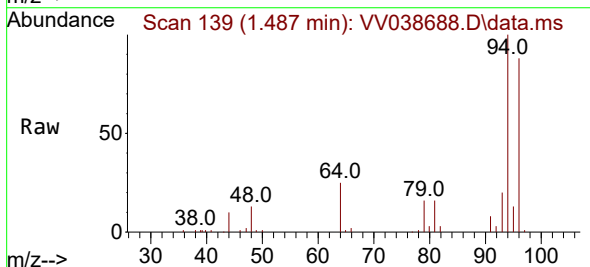
Instrument :
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 ClientSampleId :
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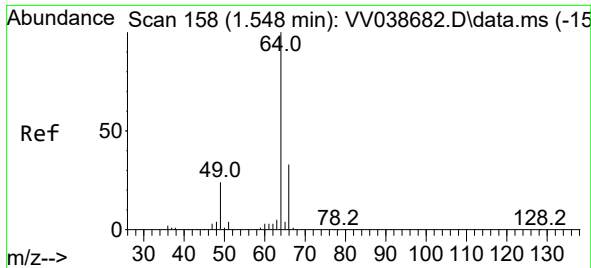
Tgt Ion: 62 Resp: 67804
 Ion Ratio Lower Upper
 62 100
 64 36.3 25.0 46.4



#6
 Bromomethane
 Concen: 4.56 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion: 94 Resp: 26465
 Ion Ratio Lower Upper
 94 100
 96 88.1 64.3 119.3

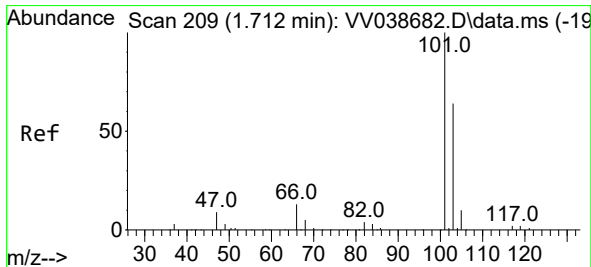
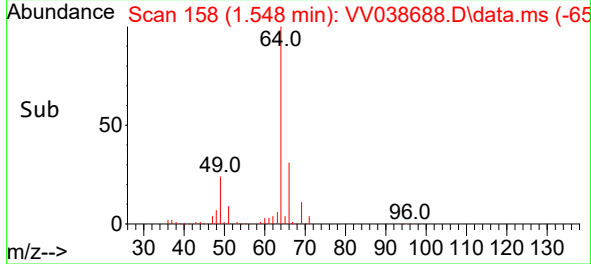
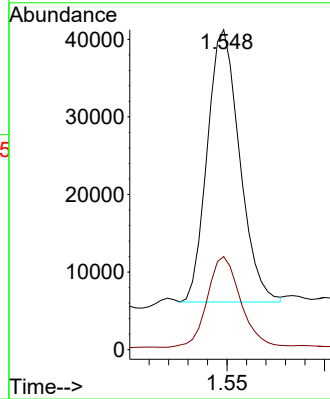
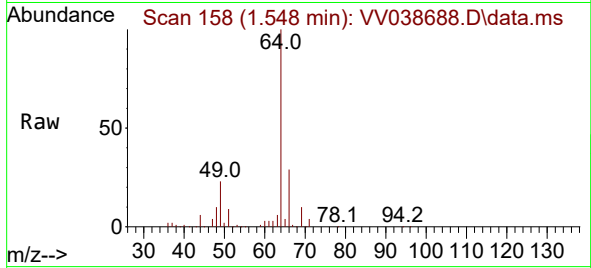




#8
Chloroethane
Concen: 4.85 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

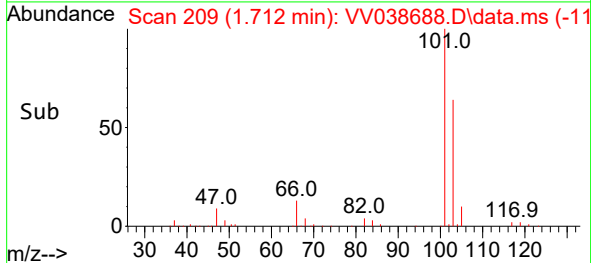
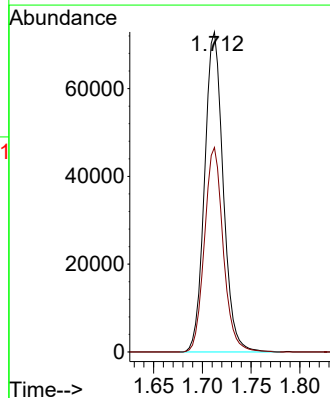
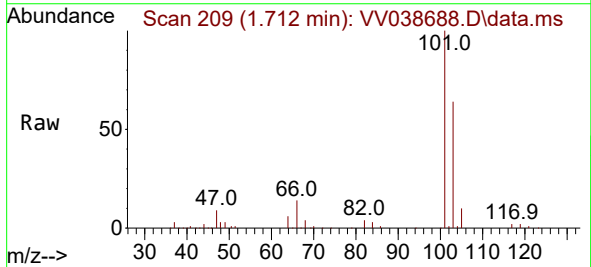
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

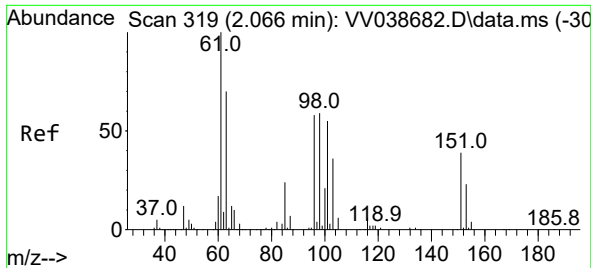
Tgt Ion: 64 Resp: 40414
Ion Ratio Lower Upper
64 100
66 29.1 20.9 38.7



#9
Trichlorofluoromethane
Concen: 5.38 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion:101 Resp: 96698
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

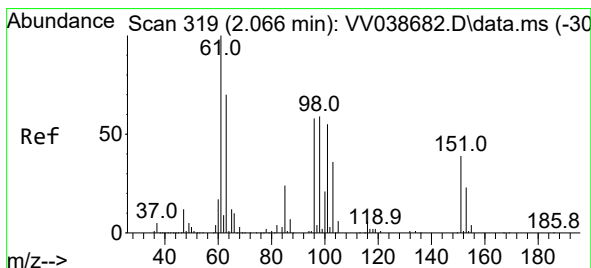
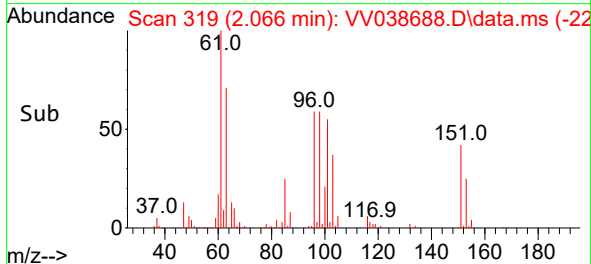
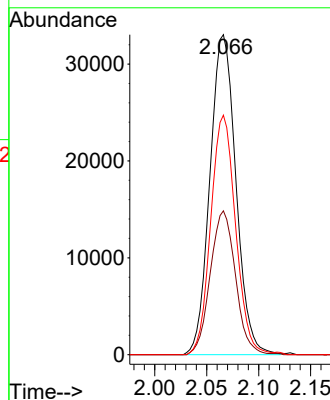
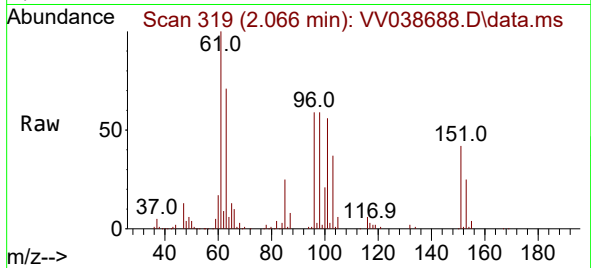




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.76 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

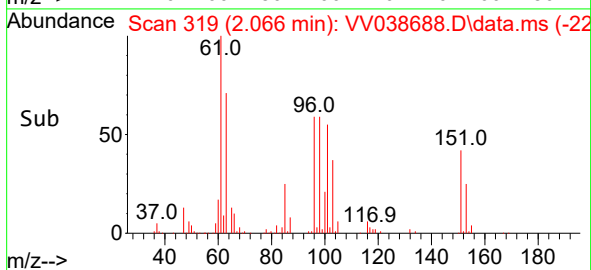
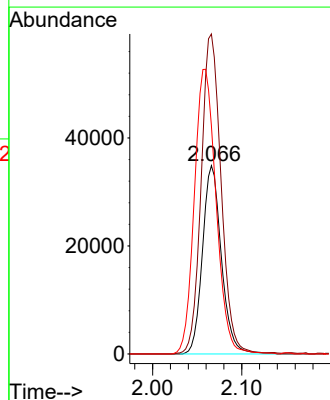
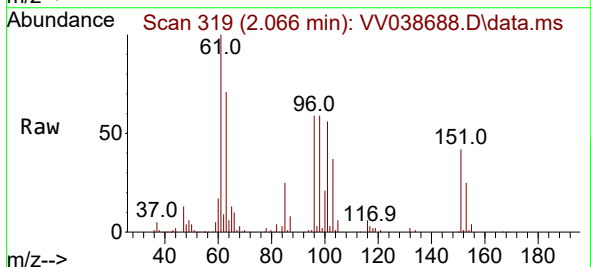
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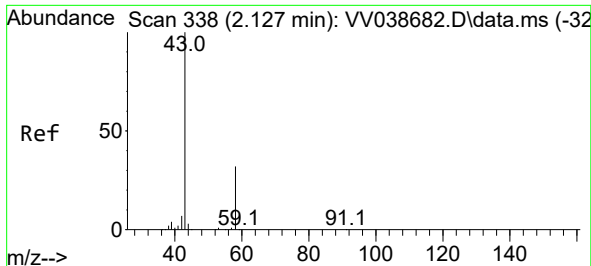
Tgt Ion:	101	Resp:	57537
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.0	52.4
151	71.7	55.1	82.7



#12
 1,1-Dichloroethene
 Concen: 5.30 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion:	96	Resp:	51478
Ion	Ratio	Lower	Upper
96	100		
61	169.9	122.8	228.1
63	121.2	92.0	170.8





#13

Acetone

Concen: 58.65 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

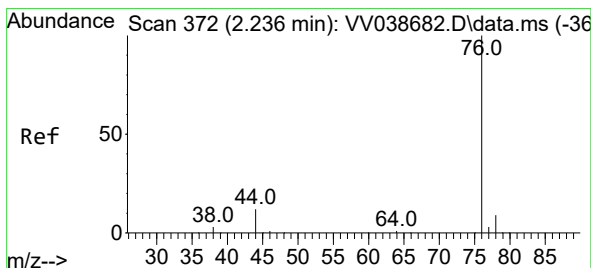
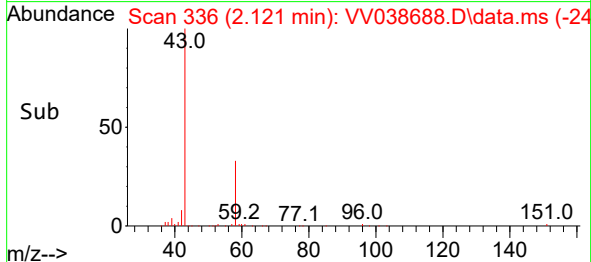
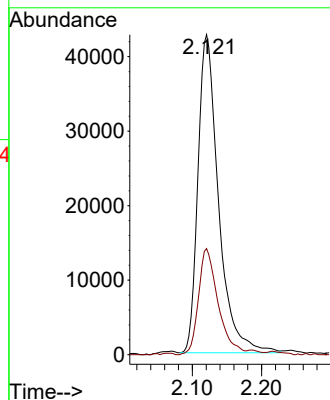
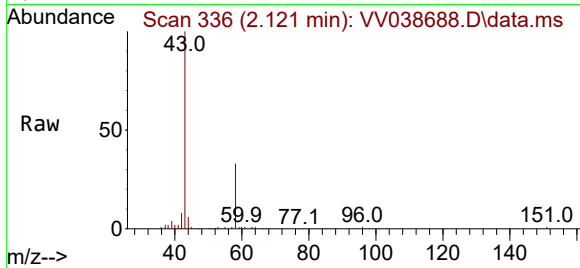
VSTD005346

Tgt Ion: 43 Resp: 88205

Ion Ratio Lower Upper

43 100

58 31.7 0.0 67.4



#14

Carbon disulfide

Concen: 5.16 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038688.D

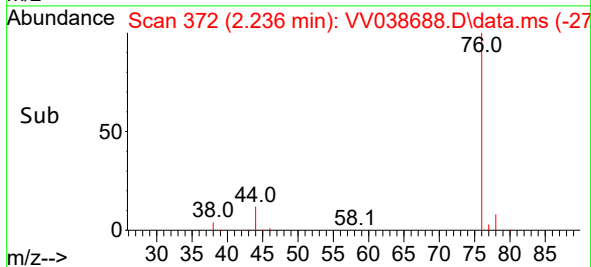
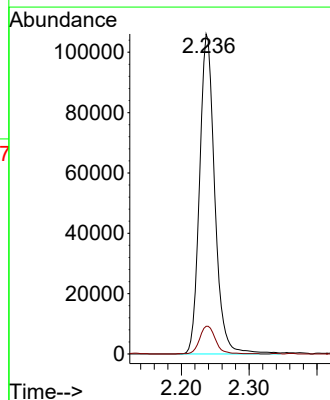
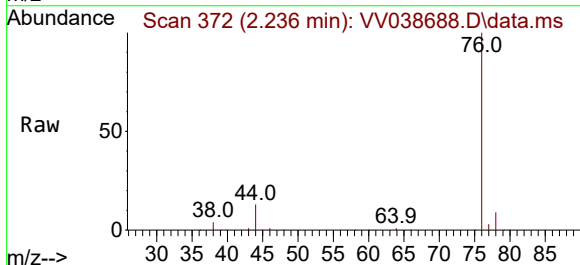
Acq: 14 Feb 2025 09:29

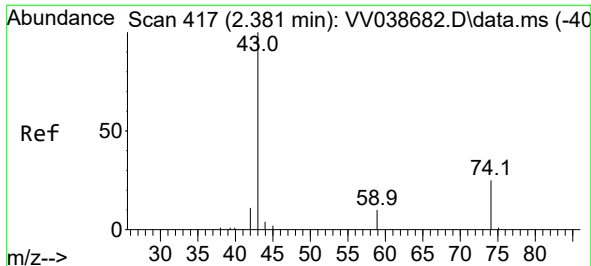
Tgt Ion: 76 Resp: 164941

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

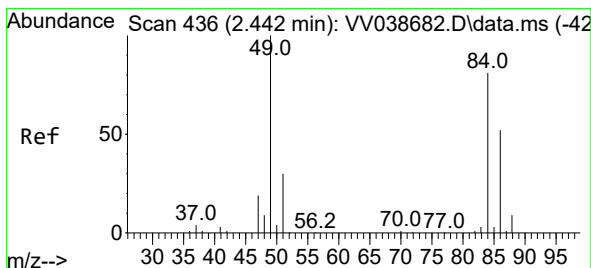
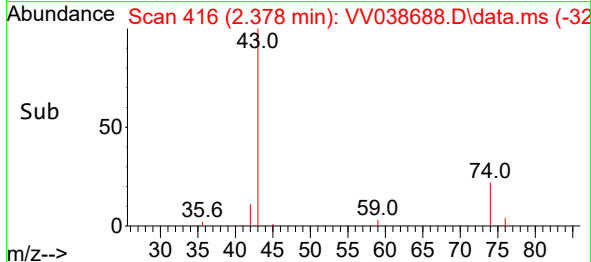
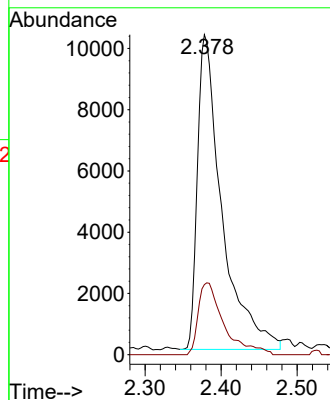
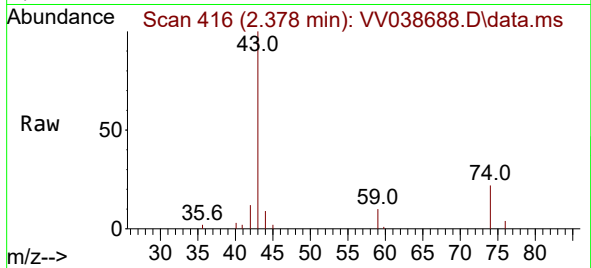




#15
Methyl Acetate
Concen: 5.94 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

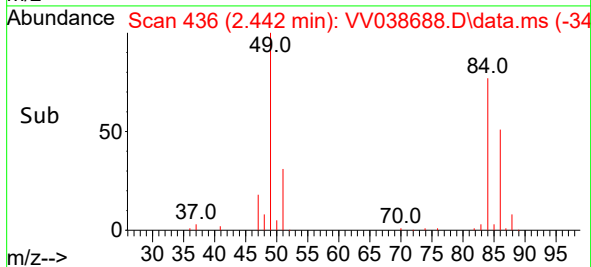
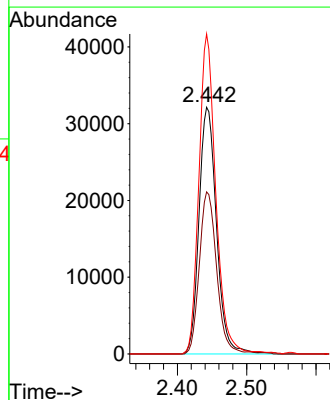
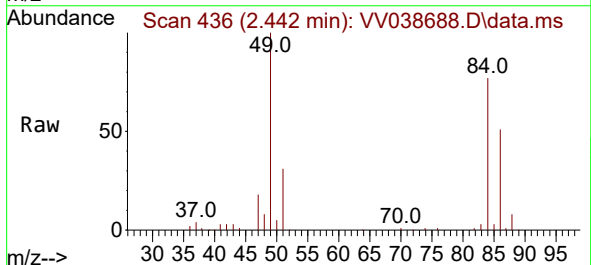
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

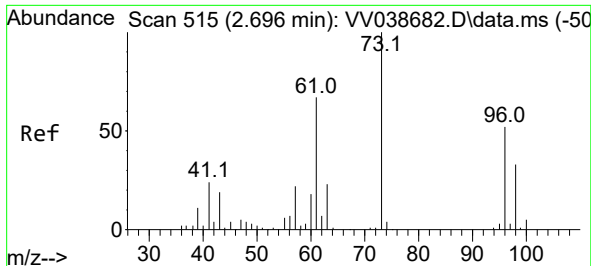
Tgt Ion: 43 Resp: 22987
Ion Ratio Lower Upper
43 100
74 23.9 18.6 27.8



#16
Methylene chloride
Concen: 5.12 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 84 Resp: 56524
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 129.7 83.9 155.9

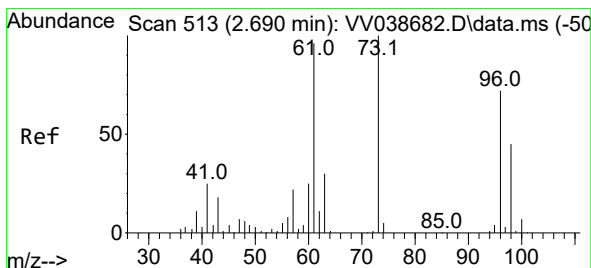
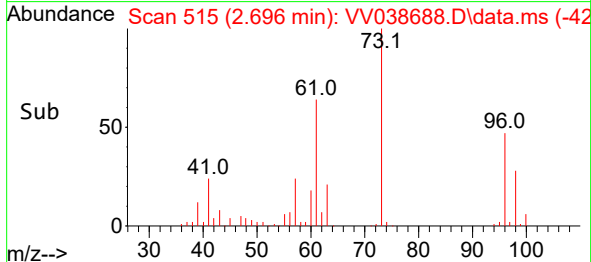
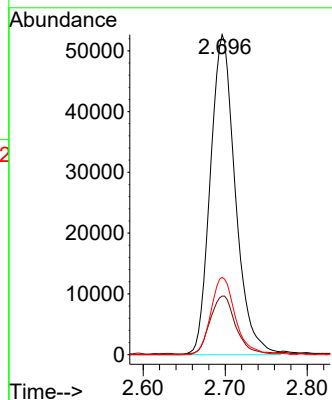
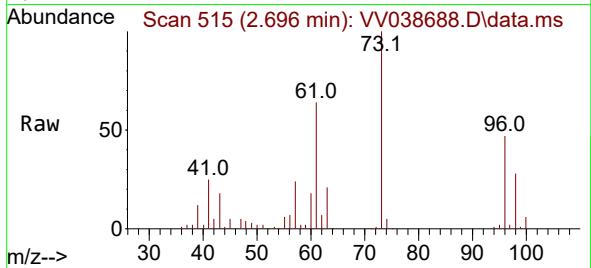




#17
Methyl tert-butyl Ether
Concen: 5.62 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

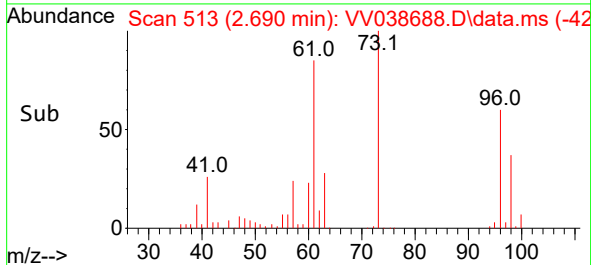
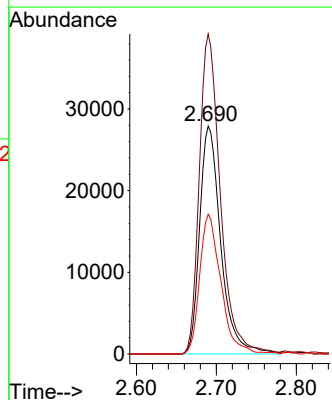
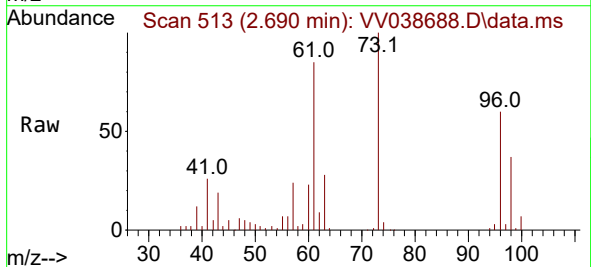
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

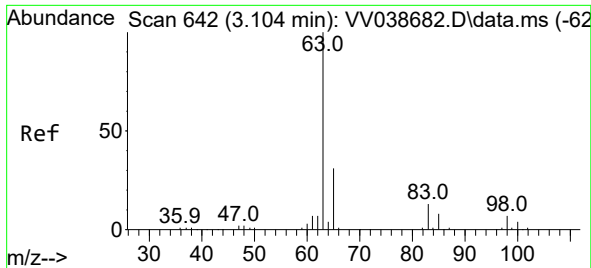
Tgt Ion: 73 Resp: 111603
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 23.5 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.28 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 96 Resp: 51326
Ion Ratio Lower Upper
96 100
61 140.5 91.4 169.8
98 61.3 41.6 77.2





#19

1,1-Dichloroethane

Concen: 5.43 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

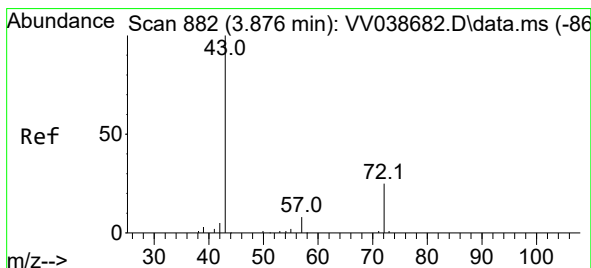
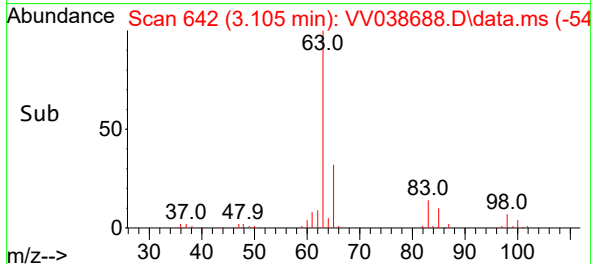
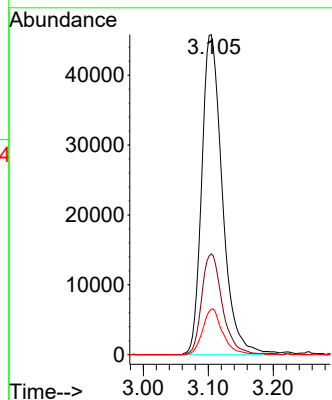
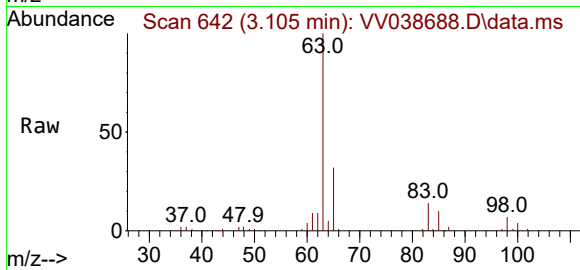
Tgt Ion: 63 Resp: 101464

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.4

83 14.2 9.2 17.2



#21

2-Butanone

Concen: 55.50 ug/L

RT: 3.870 min Scan# 880

Delta R.T. -0.006 min

Lab File: VV038688.D

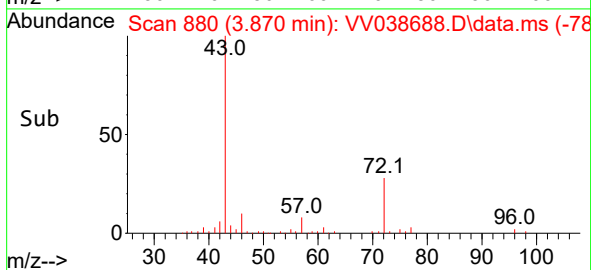
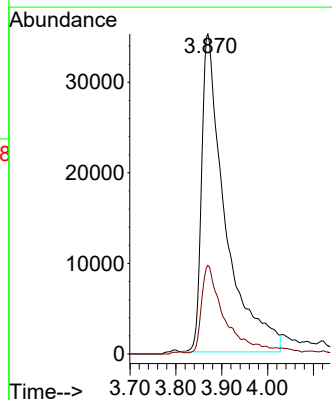
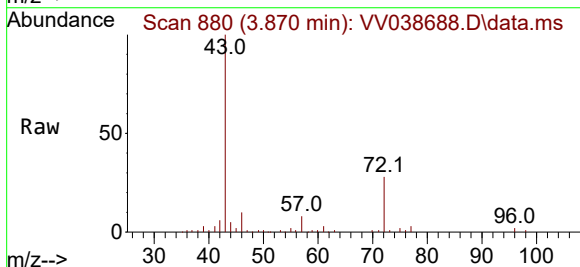
Acq: 14 Feb 2025 09:29

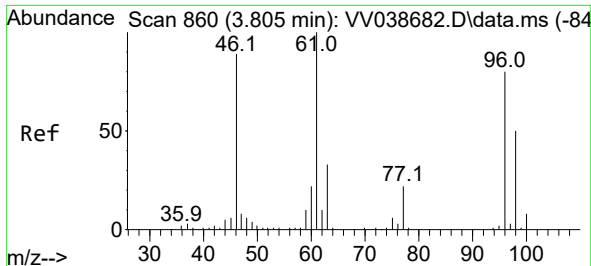
Tgt Ion: 43 Resp: 125281

Ion Ratio Lower Upper

43 100

72 23.2 11.9 35.5

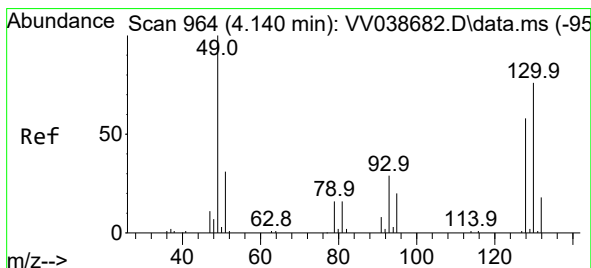
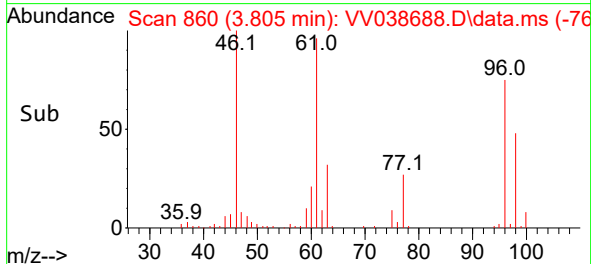
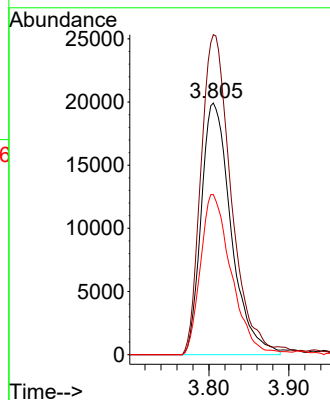
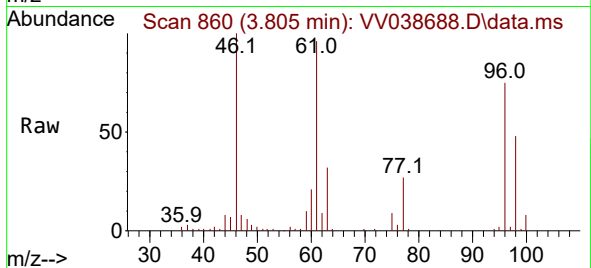




#22
 cis-1,2-Dichloroethene
 Concen: 5.16 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

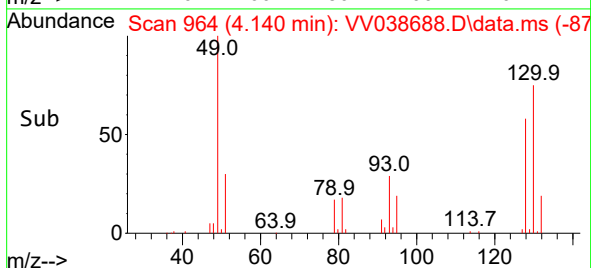
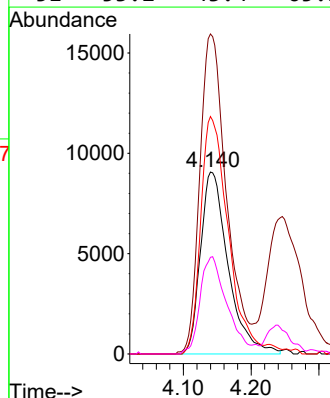
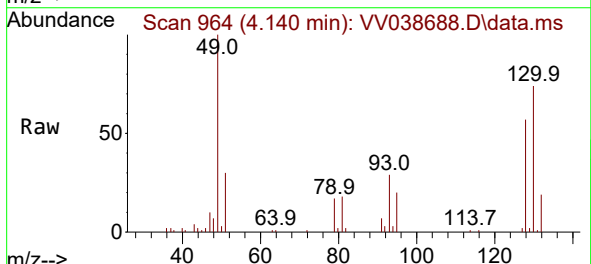
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

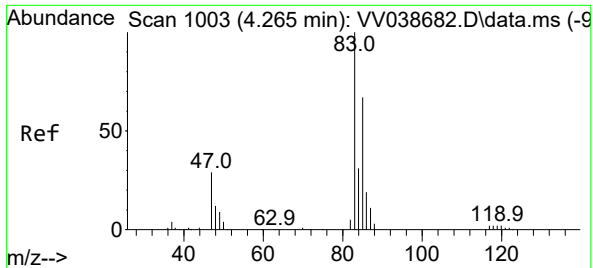
Tgt Ion: 96	Resp: 51685
Ion Ratio	Lower Upper
96 100	
61 127.1	83.6 155.2
98 63.6	45.6 84.8



#23
 Bromochloromethane
 Concen: 5.39 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt	Ion:128	Resp:	25678
Ion	Ratio	Lower	Upper
128	100		
49	175.9	116.0	215.4
130	130.5	90.2	167.6
51	53.2	43.4	65.2

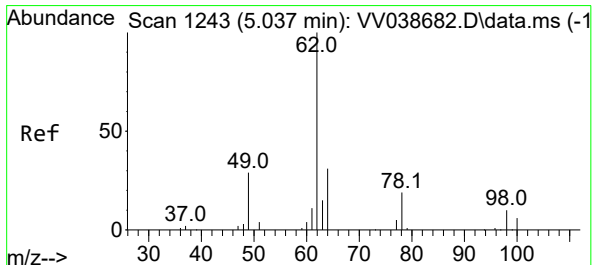
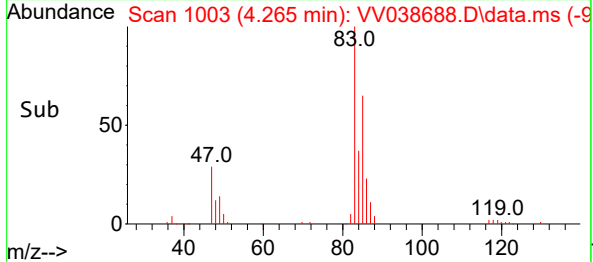
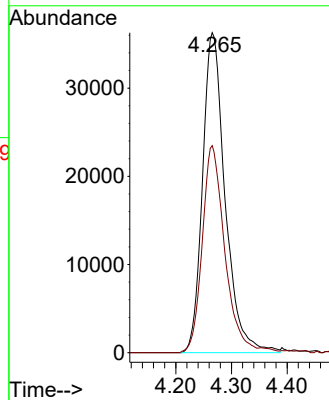
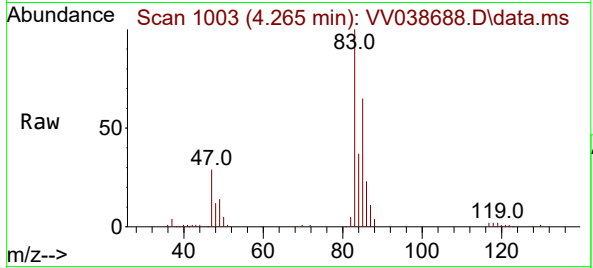




#25
Chloroform
Concen: 5.47 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

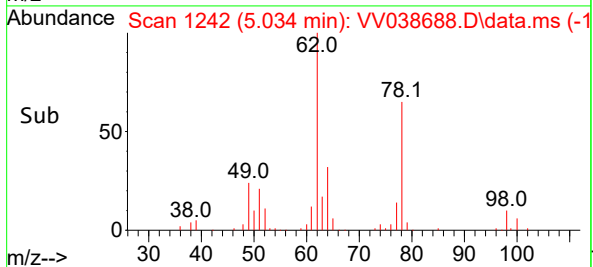
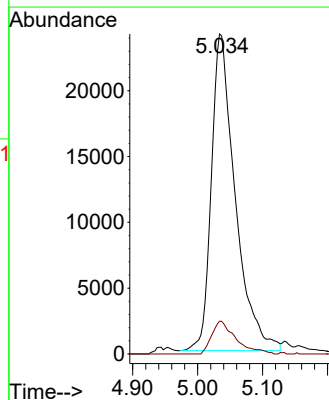
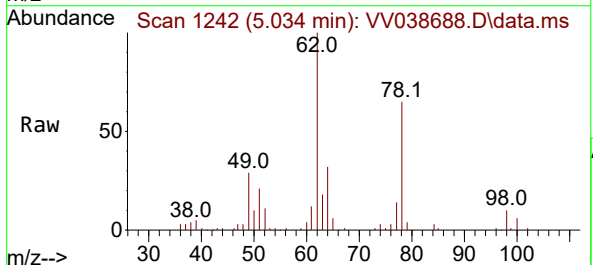
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

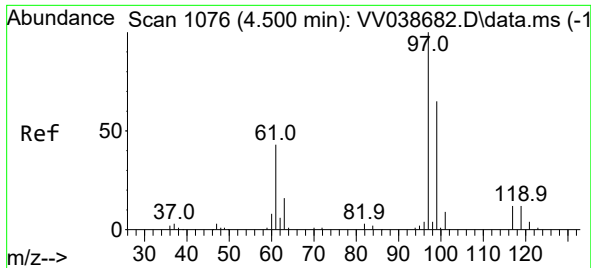
Tgt Ion: 83 Resp: 102281
Ion Ratio Lower Upper
83 100
85 64.7 47.2 87.6



#27
1,2-Dichloroethane
Concen: 5.58 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 62 Resp: 61323
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5

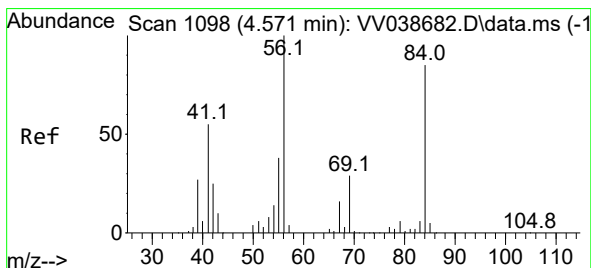
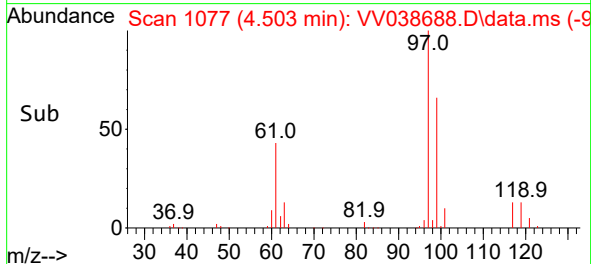
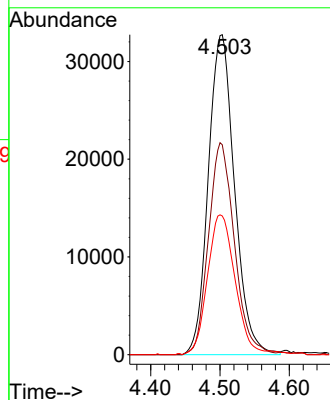
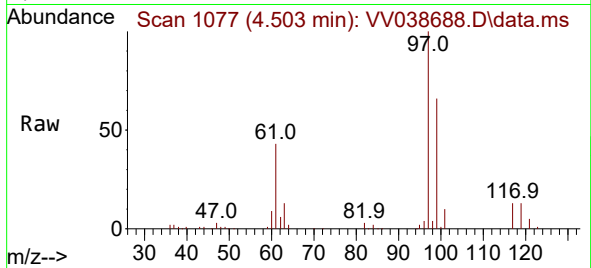




#29
1,1,1-Trichloroethane
Concen: 5.00 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

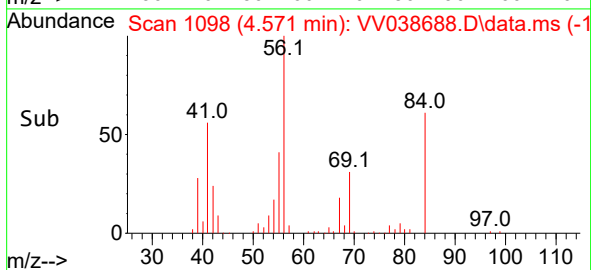
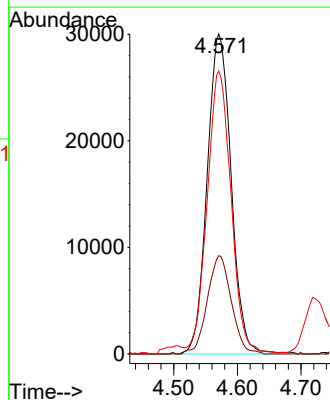
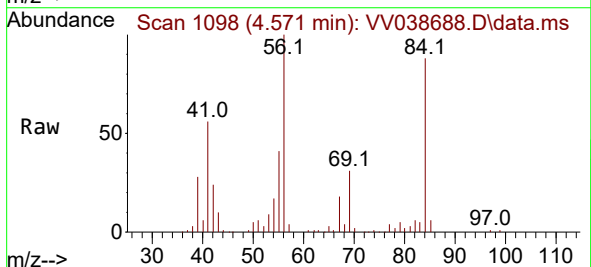
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

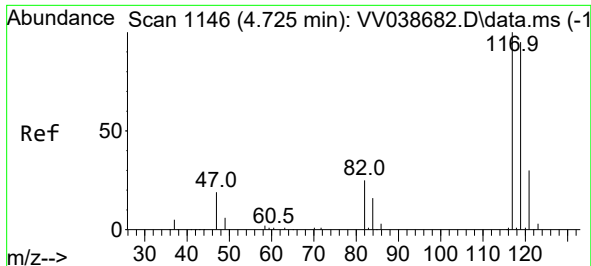
Tgt Ion: 97	Resp: 86230
Ion Ratio	Lower Upper
97 100	
99 65.4	50.9 76.3
61 45.6	35.8 53.6



#30
Cyclohexane
Concen: 5.28 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 56	Resp: 78614
Ion Ratio	Lower Upper
56 100	
69 30.7	24.0 36.0
84 88.5	72.7 109.1

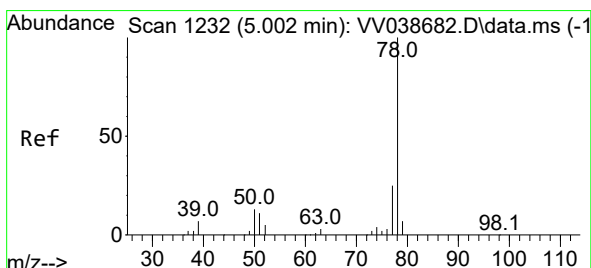
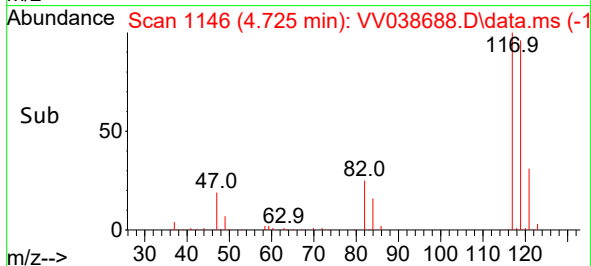
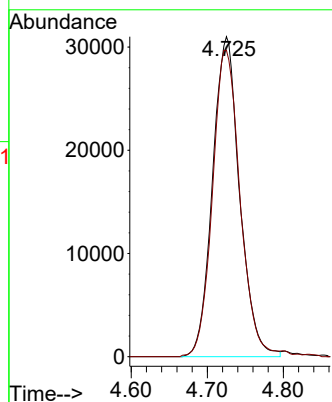
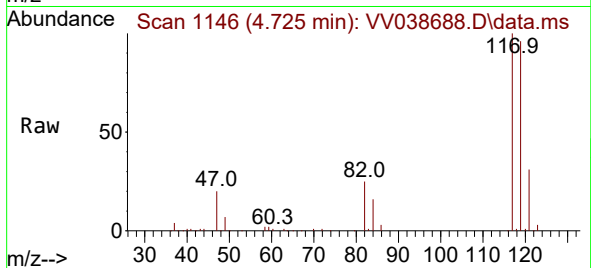




#31
Carbon tetrachloride
Concen: 5.09 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

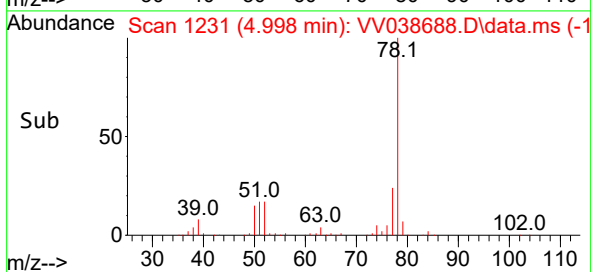
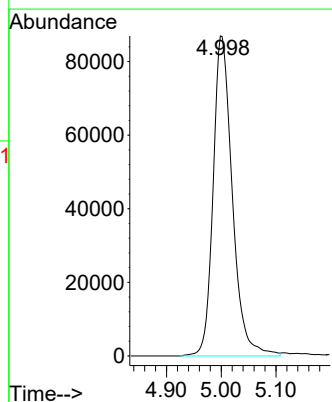
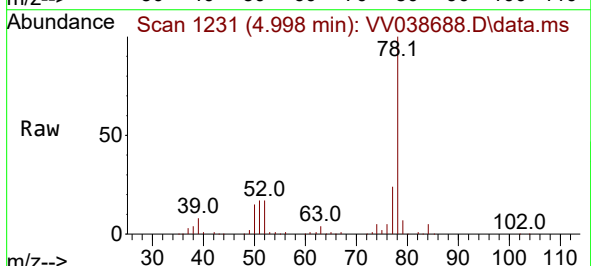
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

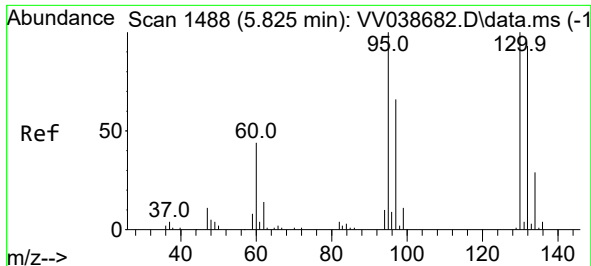
Tgt Ion:117 Resp: 76616
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7



#33
Benzene
Concen: 5.47 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 78 Resp: 211835

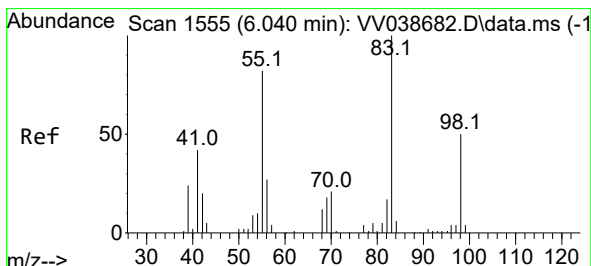
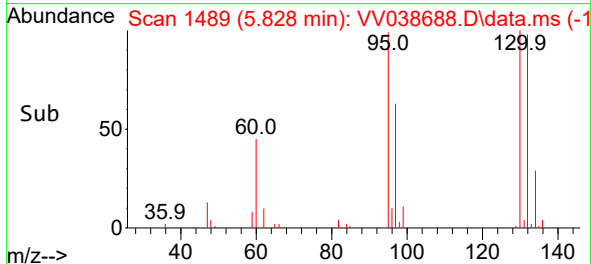
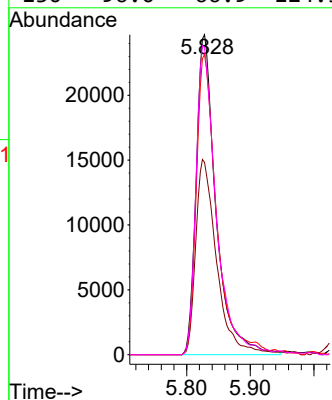
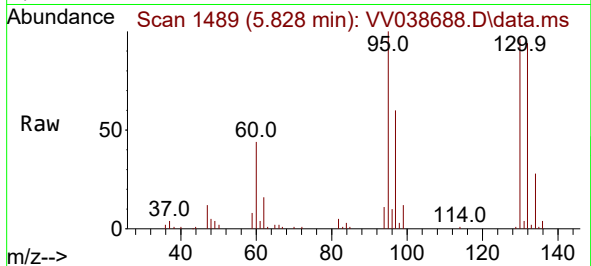




#34
Trichloroethene
Concen: 5.37 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

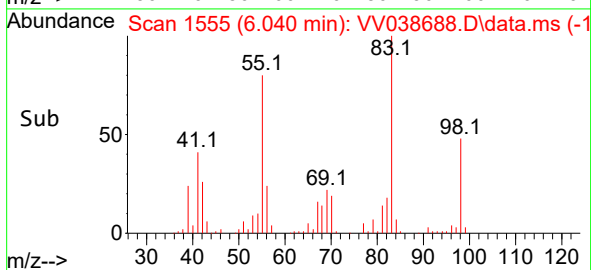
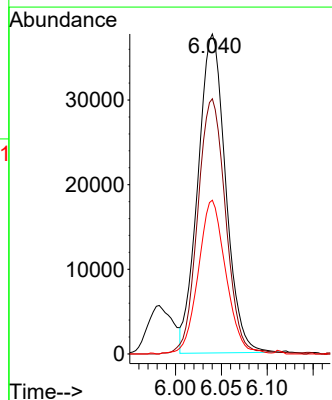
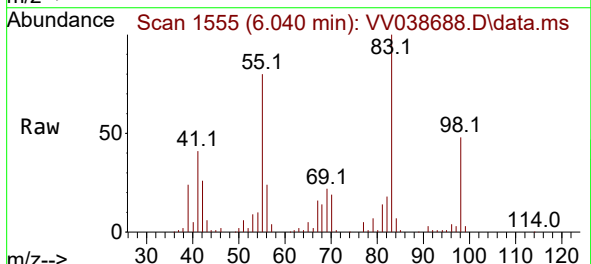
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

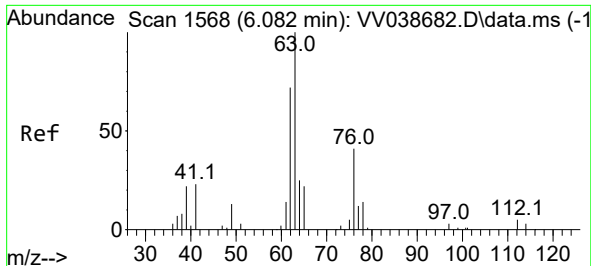
Tgt Ion: 95 Resp: 53434
Ion Ratio Lower Upper
95 100
97 60.1 43.5 80.9
132 93.8 64.0 118.8
130 96.0 66.9 124.3



#35
Methylcyclohexane
Concen: 5.06 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 83 Resp: 79171
Ion Ratio Lower Upper
83 100
55 80.8 62.6 94.0
98 48.1 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.69 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

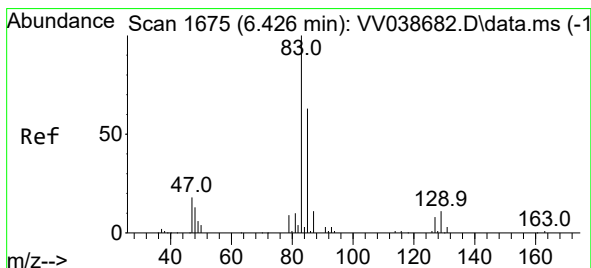
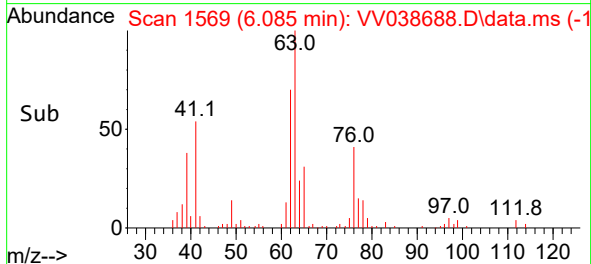
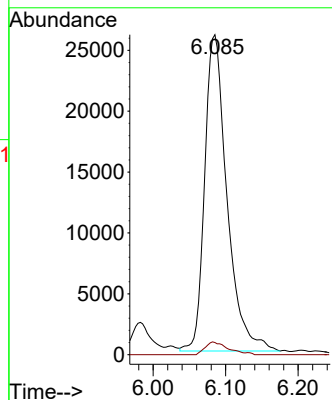
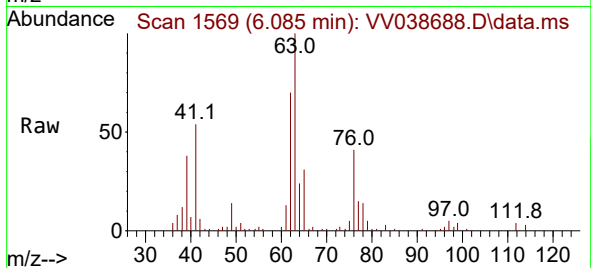
VSTD005346

Tgt Ion: 63 Resp: 55676

Ion Ratio Lower Upper

63 100

112 4.0 3.6 5.4



#38

Bromodichloromethane

Concen: 5.31 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

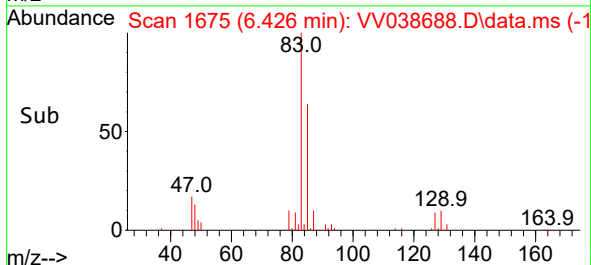
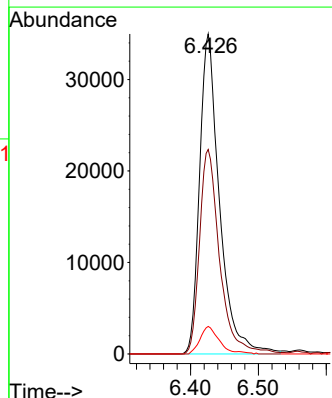
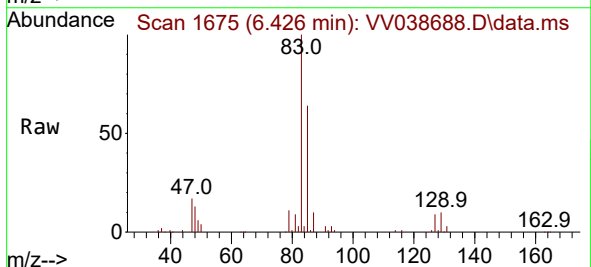
Tgt Ion: 83 Resp: 71374

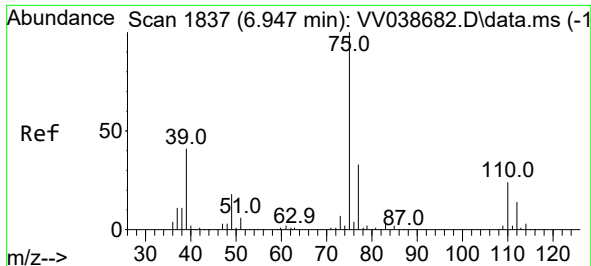
Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.6

127 8.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.18 ug/L

RT: 6.950 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

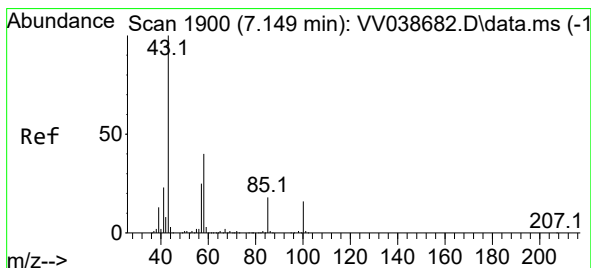
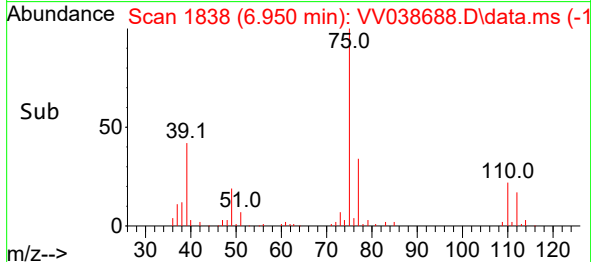
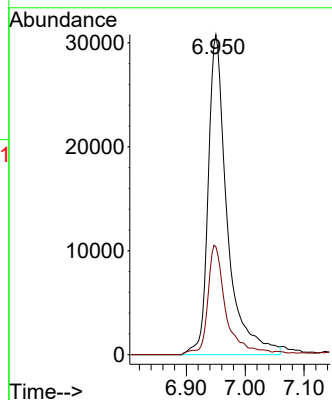
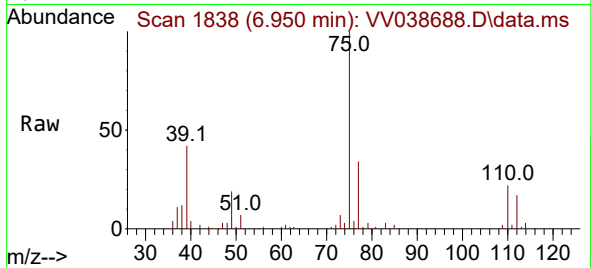
VSTD005346

Tgt Ion: 75 Resp: 69073

Ion Ratio Lower Upper

75 100

77 33.7 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 63.51 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

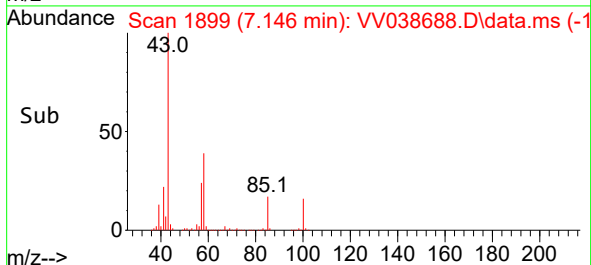
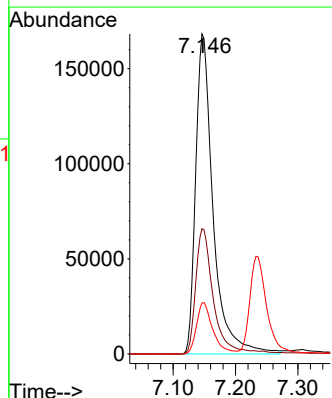
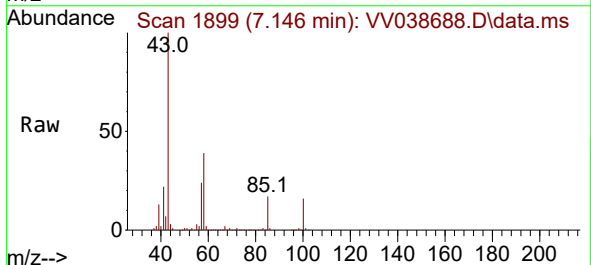
Tgt Ion: 43 Resp: 326402

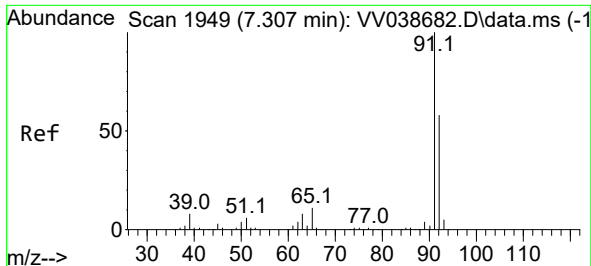
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 15.0 12.0 18.0





#42

Toluene

Concen: 5.54 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

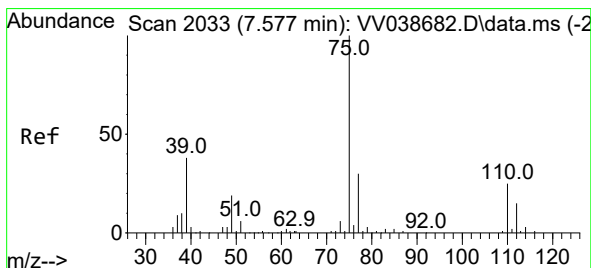
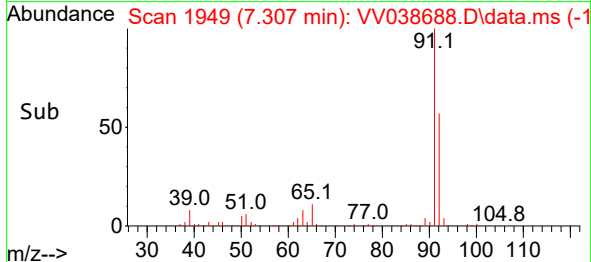
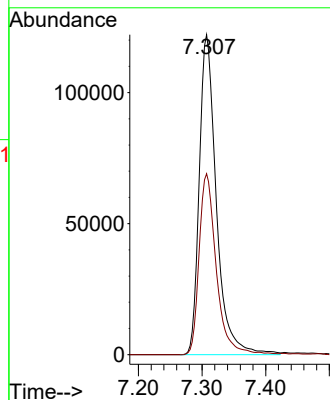
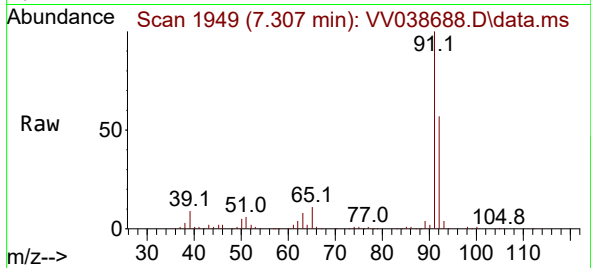
VSTD005346

Tgt Ion: 91 Resp: 227964

Ion Ratio Lower Upper

91 100

92 56.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.45 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038688.D

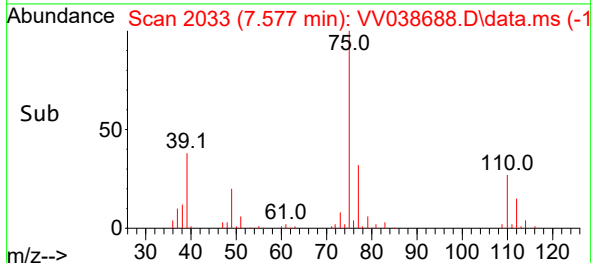
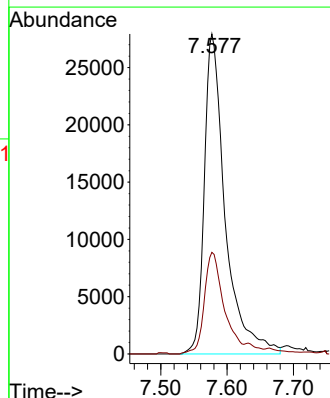
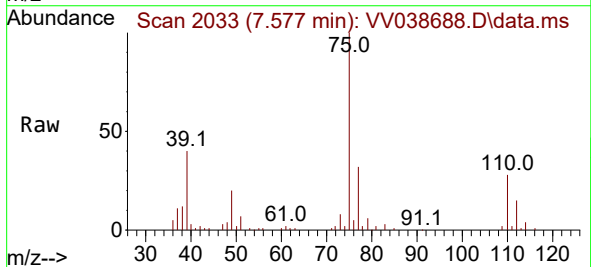
Acq: 14 Feb 2025 09:29

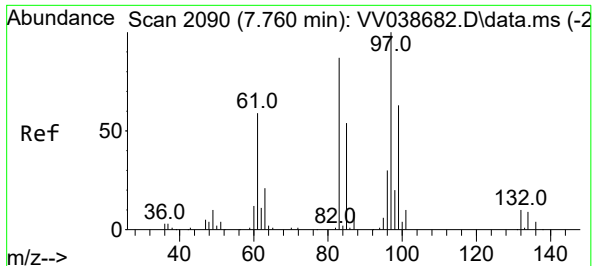
Tgt Ion: 75 Resp: 61029

Ion Ratio Lower Upper

75 100

77 31.8 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 5.74 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

Tgt Ion: 97 Resp: 43956

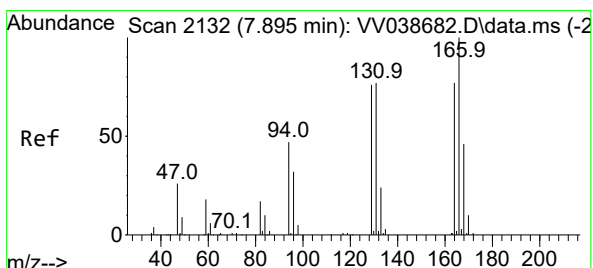
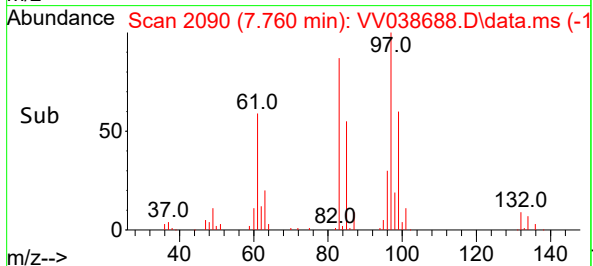
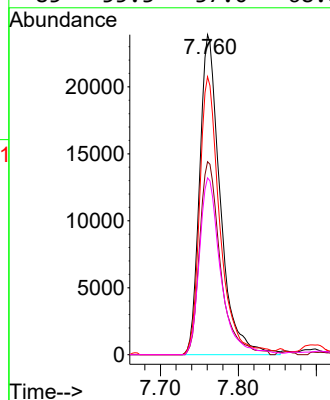
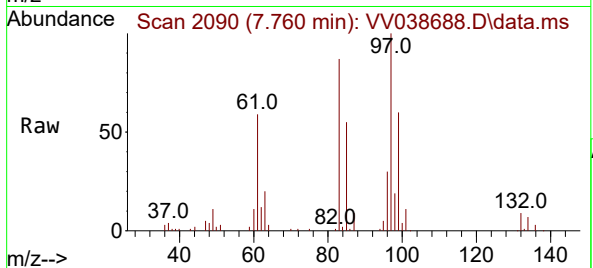
Ion Ratio Lower Upper

97 100

99 60.3 42.7 79.3

83 86.8 57.2 106.2

85 55.3 37.0 68.8



#47

Tetrachloroethene

Concen: 5.49 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Tgt Ion: 164 Resp: 42445

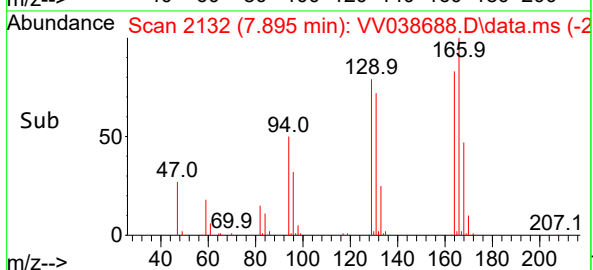
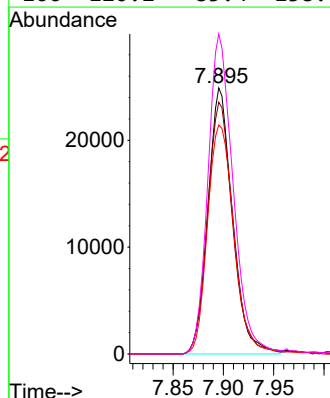
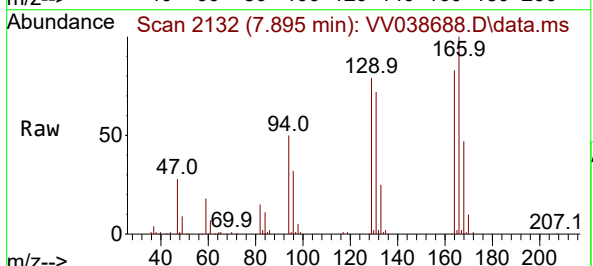
Ion Ratio Lower Upper

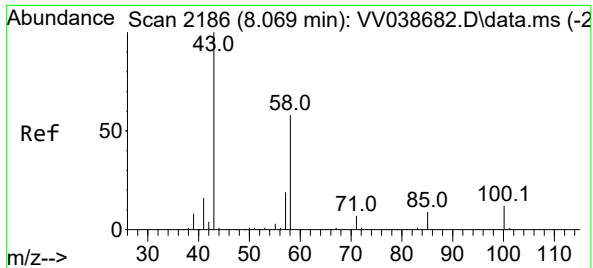
164 100

129 94.6 66.3 123.1

131 86.0 63.2 117.4

166 120.2 85.4 158.6



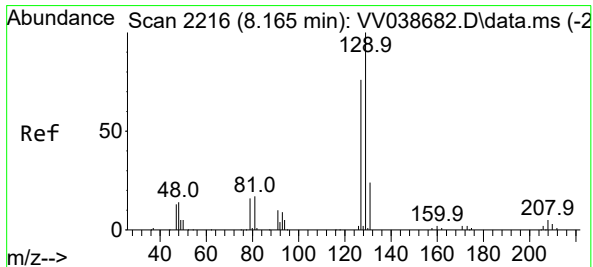
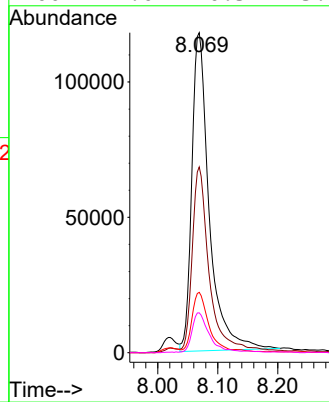
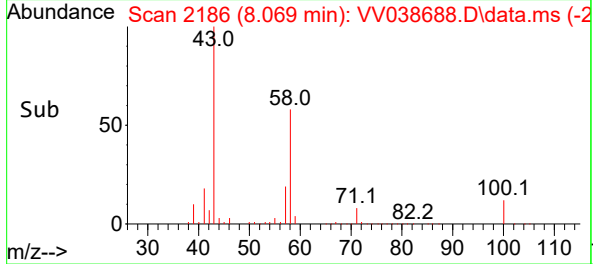
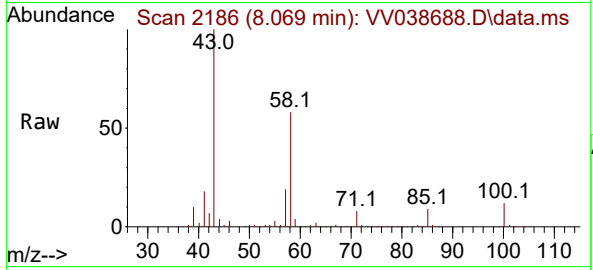


#48
2-Hexanone
Concen: 62.44 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion: 43 Resp: 236799

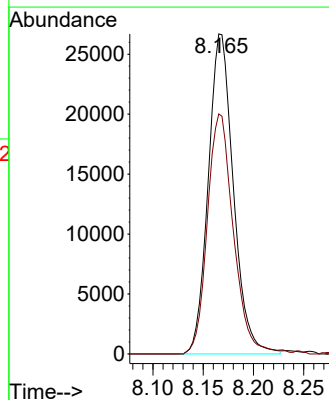
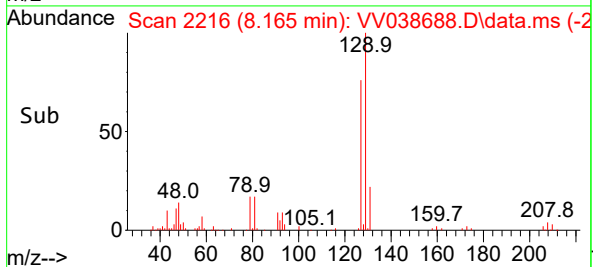
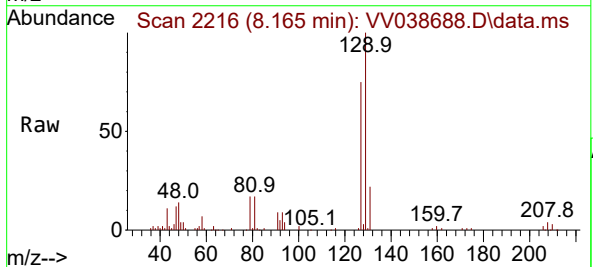
Ion	Ratio	Lower	Upper
43	100		
58	56.9	46.1	69.1
57	16.9	15.0	22.6
100	12.0	10.5	15.7

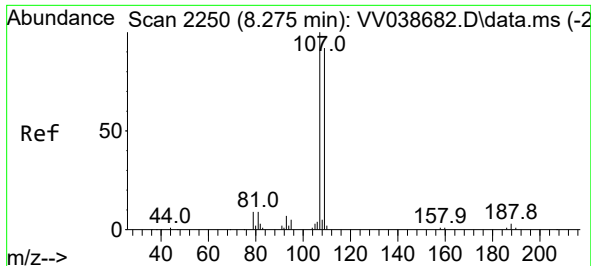


#49
Dibromochloromethane
Concen: 5.46 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 129 Resp: 46386

Ion	Ratio	Lower	Upper
129	100		
127	75.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.79 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

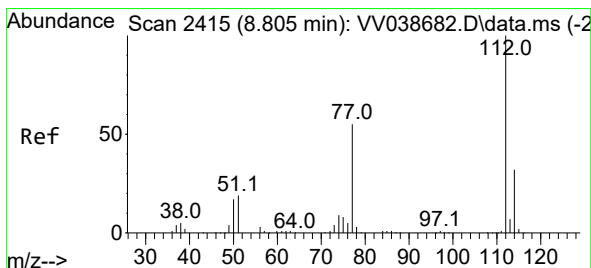
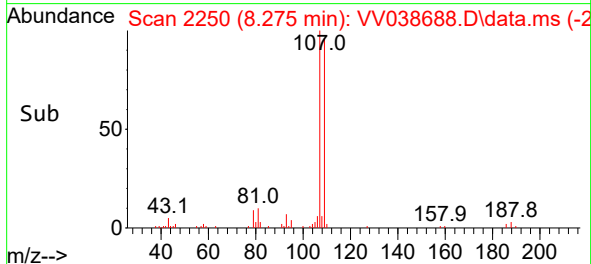
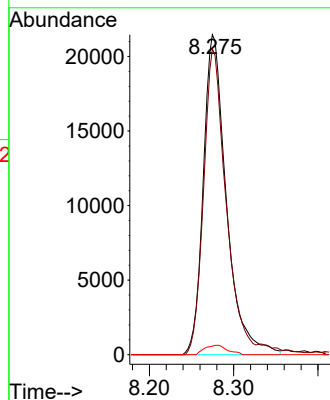
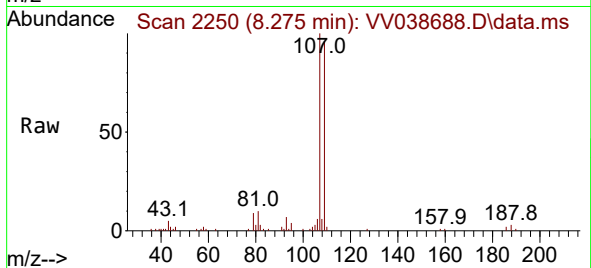
Tgt Ion:107 Resp: 40999

Ion Ratio Lower Upper

107 100

109 95.5 70.2 130.4

188 2.7 2.8 4.2#



#51

Chlorobenzene

Concen: 5.23 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

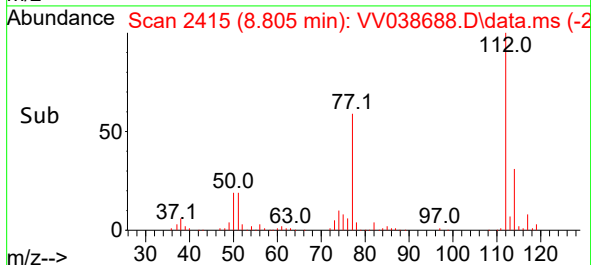
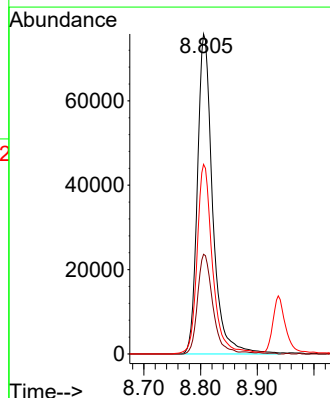
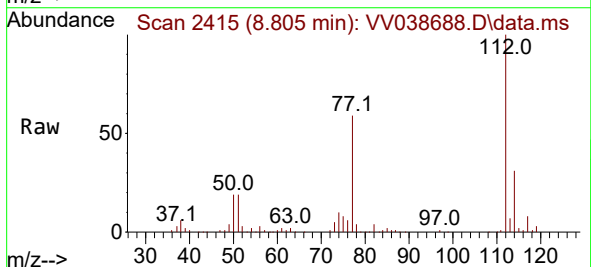
Tgt Ion:112 Resp: 141287

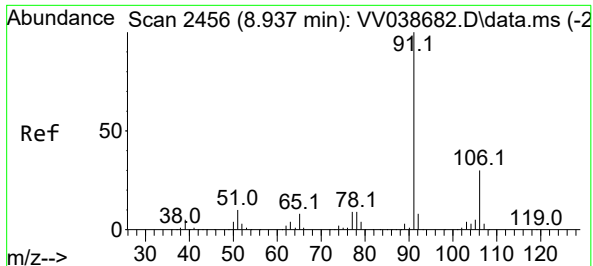
Ion Ratio Lower Upper

112 100

114 31.1 22.6 42.0

77 59.2 47.0 70.6

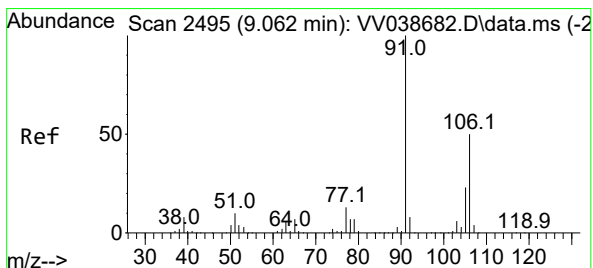
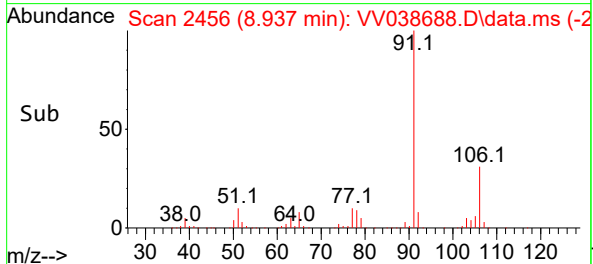
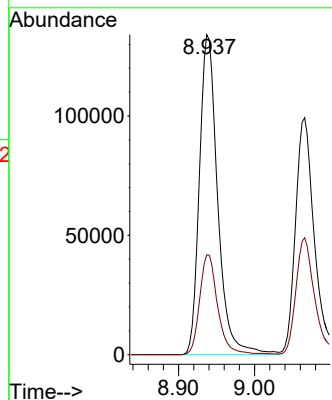
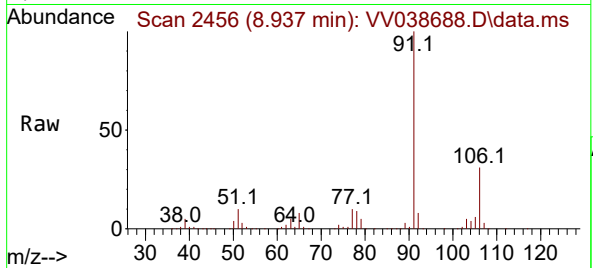




#52
Ethylbenzene
Concen: 5.13 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

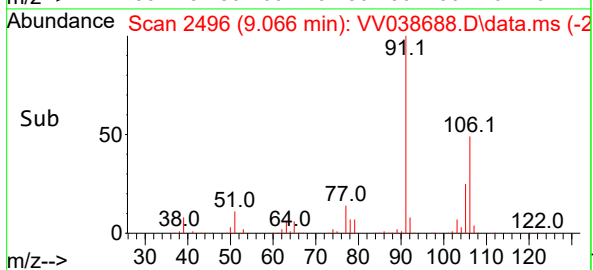
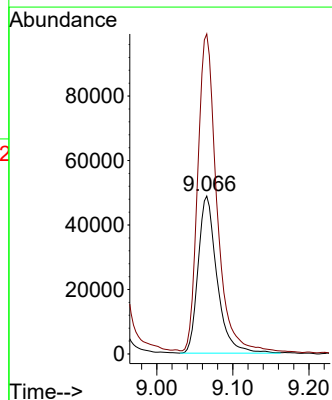
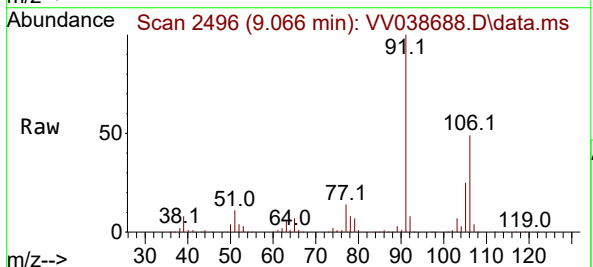
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

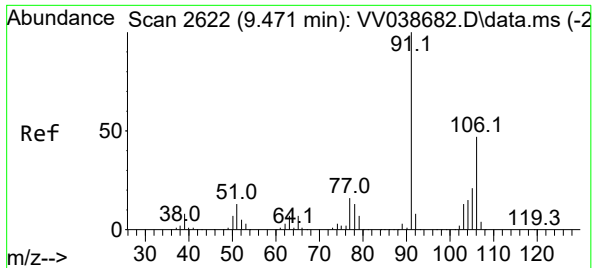
Tgt Ion: 91 Resp: 223935
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.6



#53
m,p-Xylene
Concen: 5.22 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 106 Resp: 83951
Ion Ratio Lower Upper
106 100
91 202.5 146.3 271.7

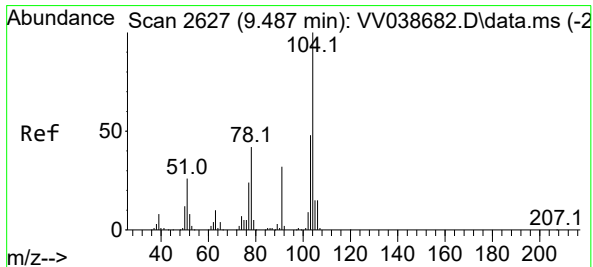
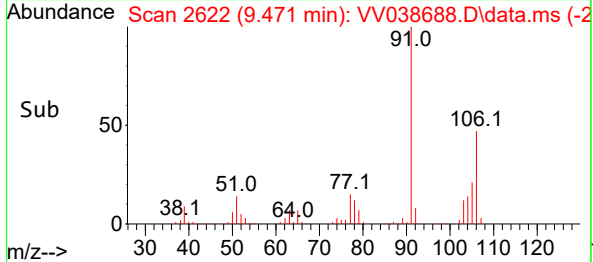
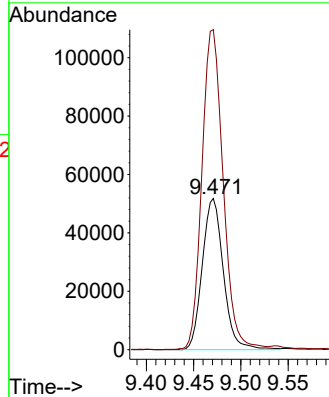
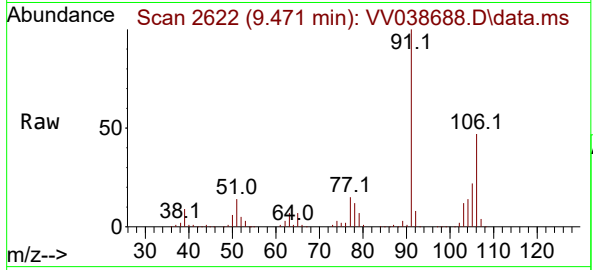




#54
o-Xylene
Concen: 5.12 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

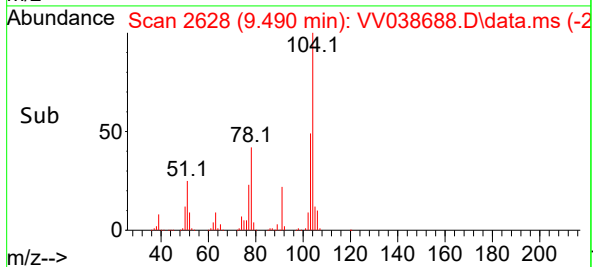
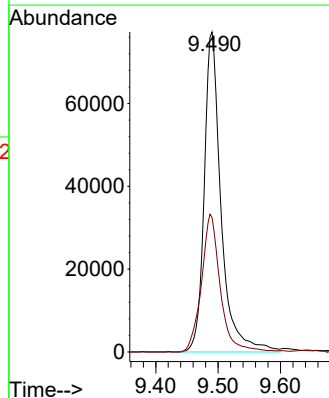
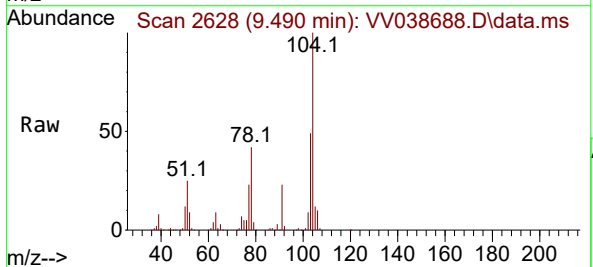
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

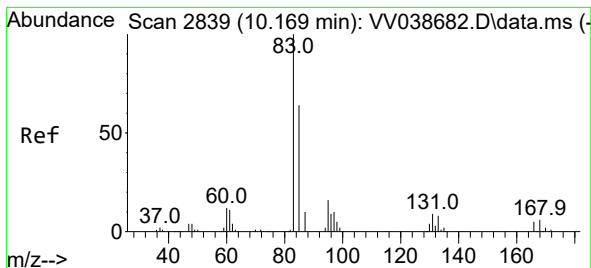
Tgt Ion:106 Resp: 80319
Ion Ratio Lower Upper
106 100
91 211.6 150.8 280.0



#55
Styrene
Concen: 5.48 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion:104 Resp: 145338
Ion Ratio Lower Upper
104 100
78 42.0 30.5 56.7

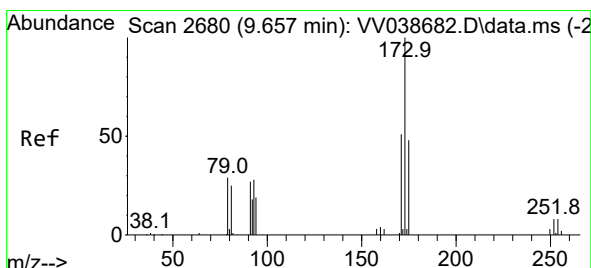
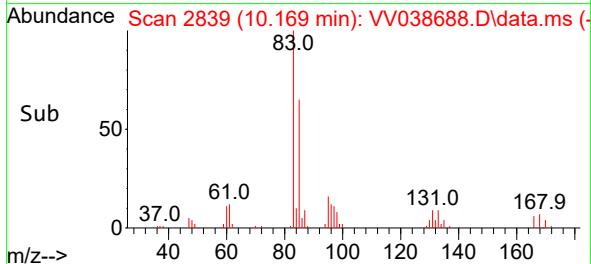
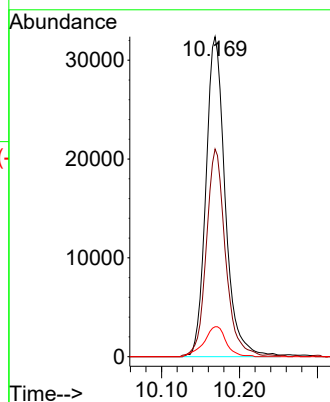
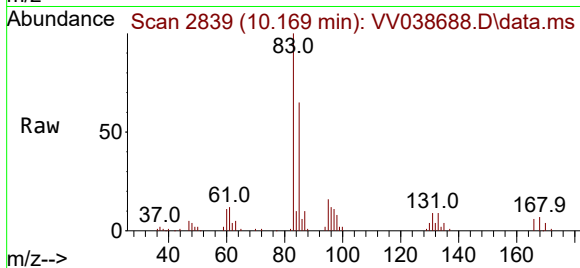




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.91 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

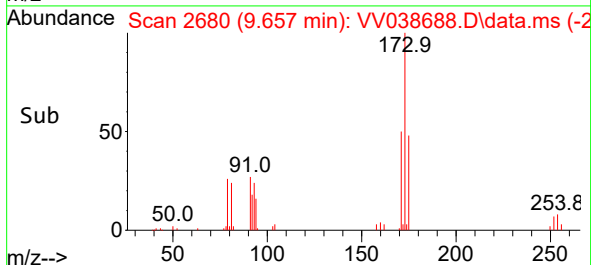
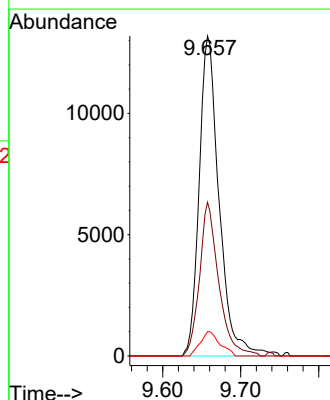
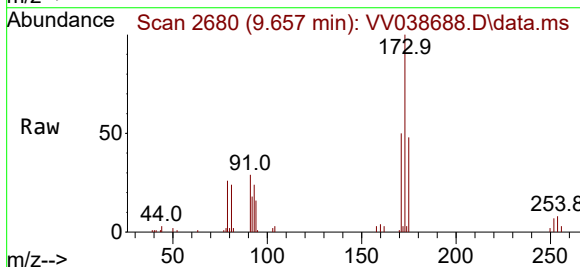
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

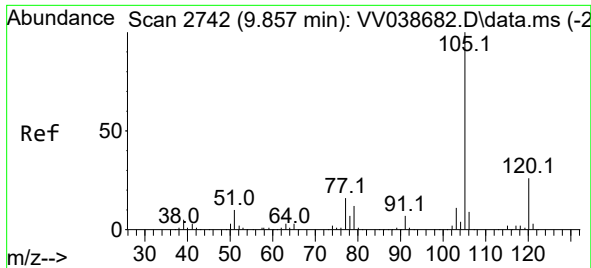
Tgt Ion: 83 Resp: 55678
 Ion Ratio Lower Upper
 83 100
 85 64.9 46.1 85.5
 131 9.4 8.5 12.7



#59
 Bromoform
 Concen: 5.58 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion: 173 Resp: 23412
 Ion Ratio Lower Upper
 173 100
 175 46.2 39.5 59.3
 254 7.5 5.7 8.5

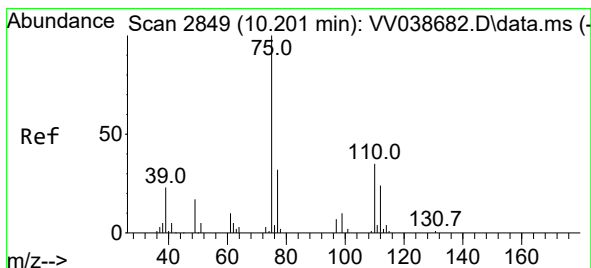
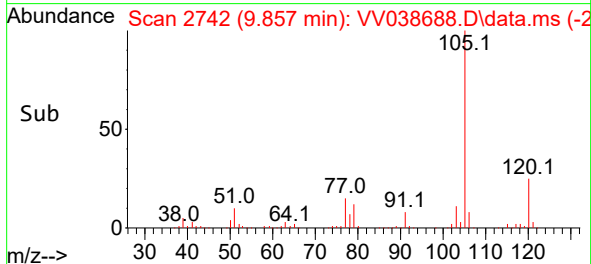
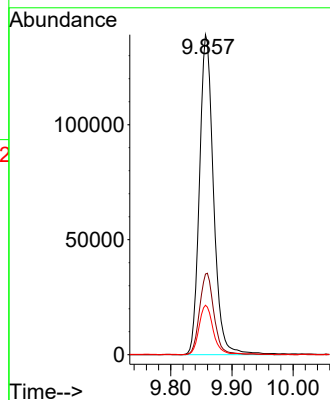
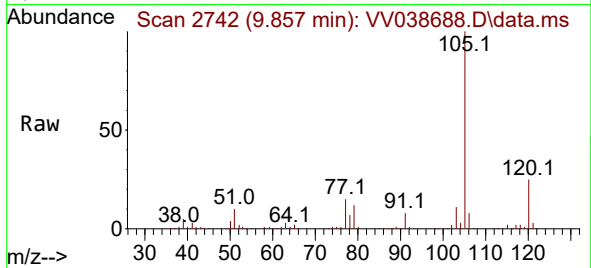




#60
Isopropylbenzene
Concen: 5.37 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

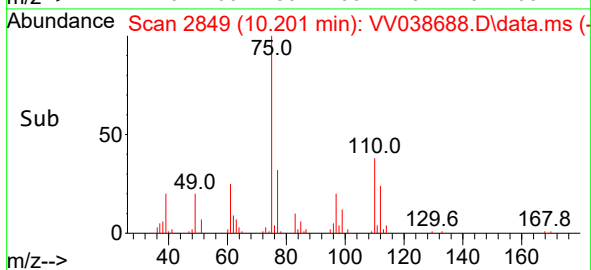
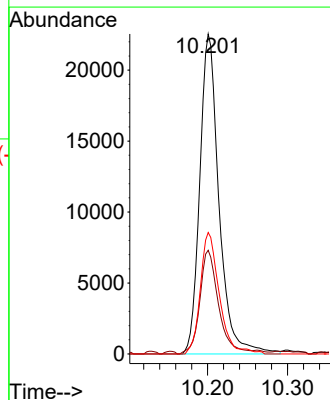
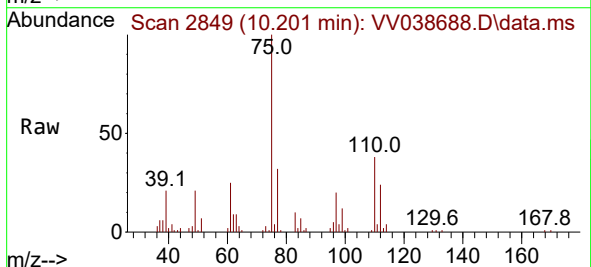
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

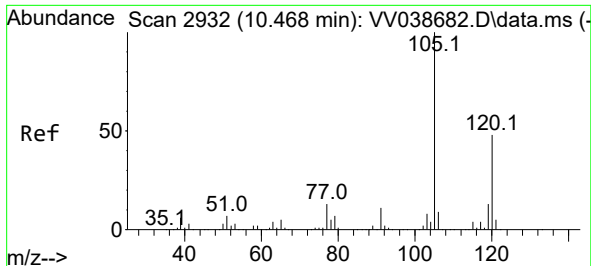
Tgt Ion:105 Resp: 222219
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.84 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion: 75 Resp: 37737
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 37.4 30.9 46.3

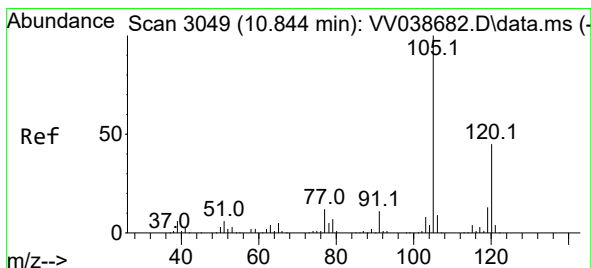
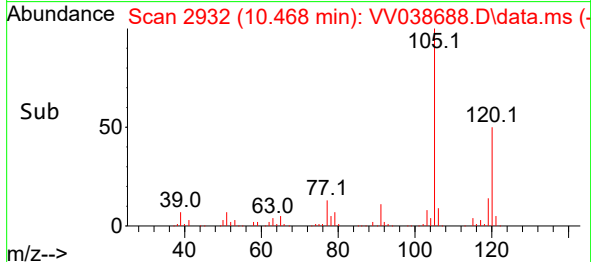
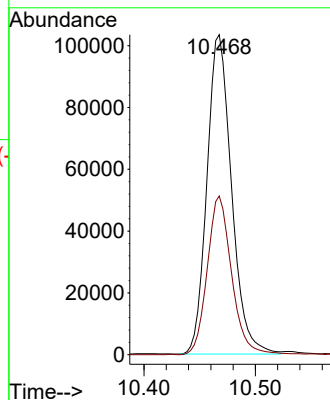
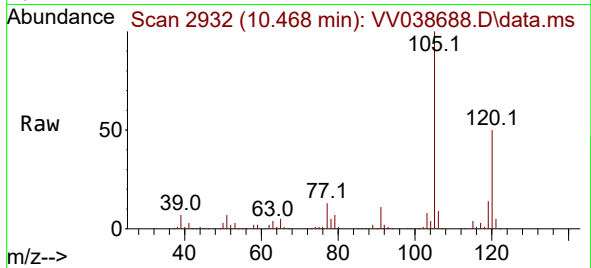




#62
 1,3,5-Trimethylbenzene
 Concen: 4.87 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

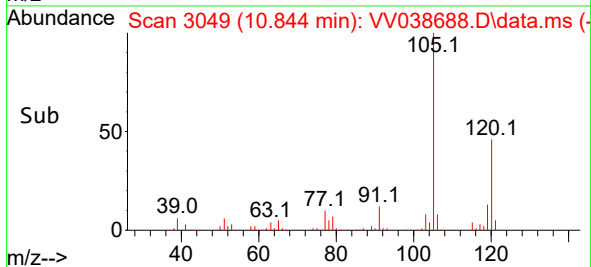
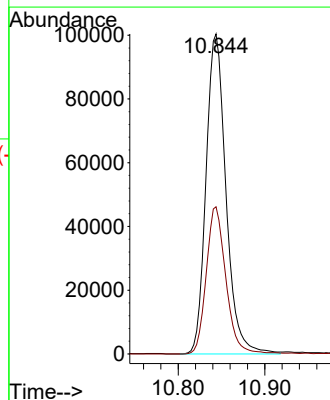
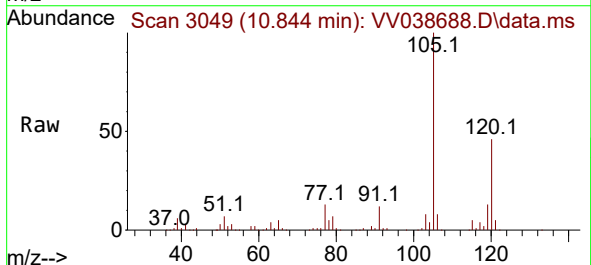
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

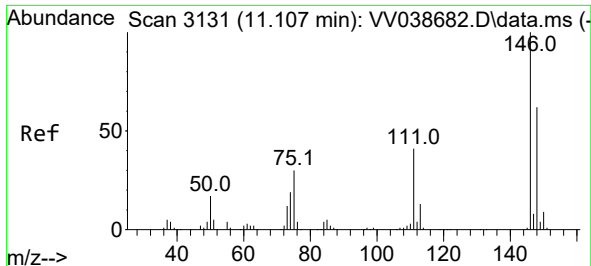
Tgt Ion:105 Resp: 158589
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.97 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion:105 Resp: 160860
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.2

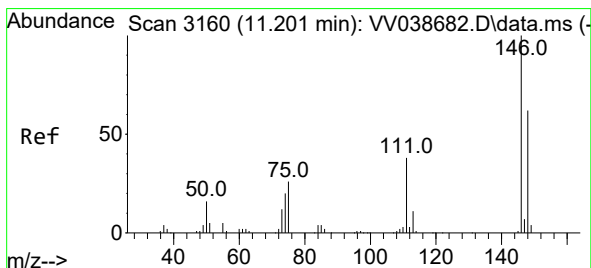
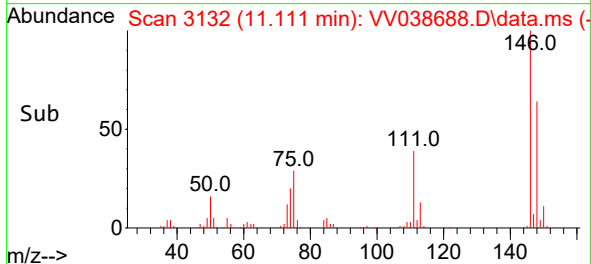
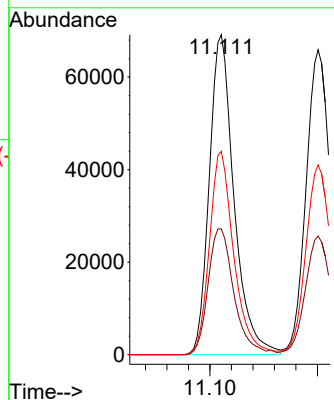
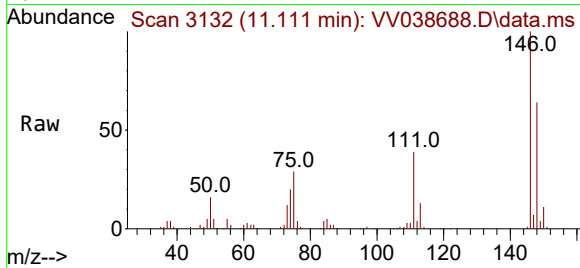




#64
1,3-Dichlorobenzene
Concen: 5.35 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

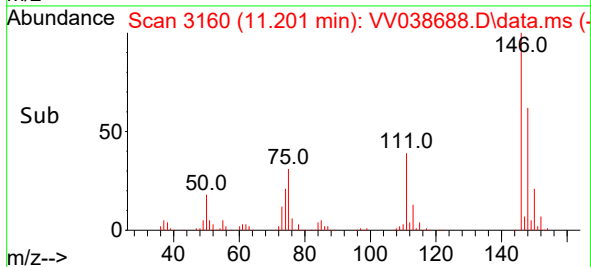
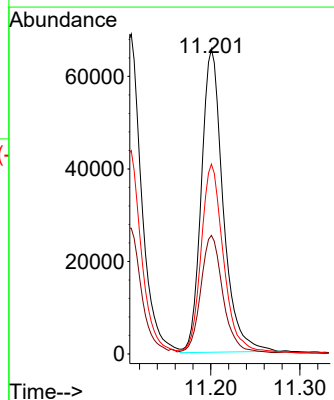
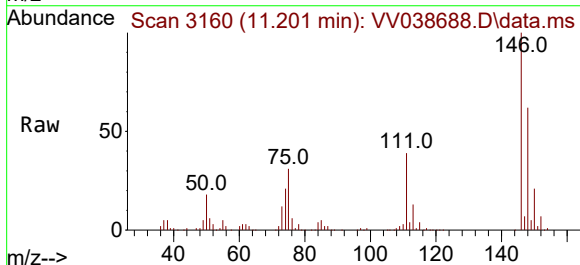
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

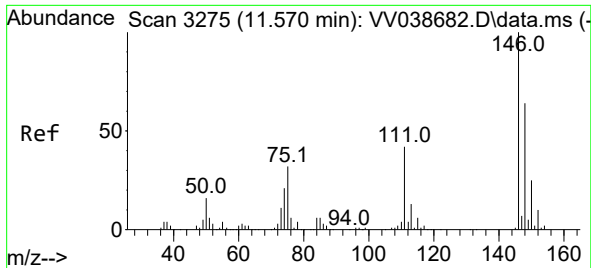
Tgt Ion:146 Resp: 110523
Ion Ratio Lower Upper
146 100
111 39.3 29.0 53.9
148 63.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.29 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion:146 Resp: 111196
Ion Ratio Lower Upper
146 100
111 38.9 27.7 51.5
148 62.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 5.32 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

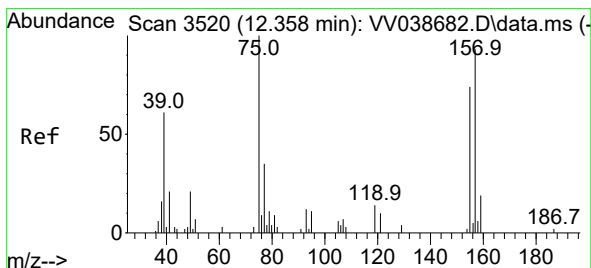
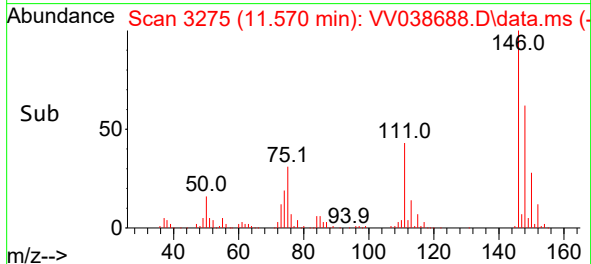
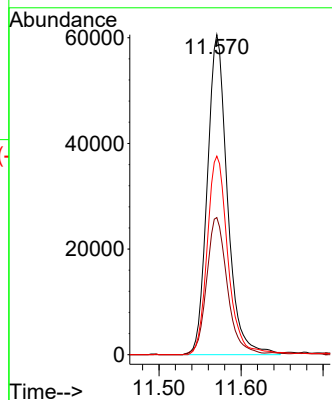
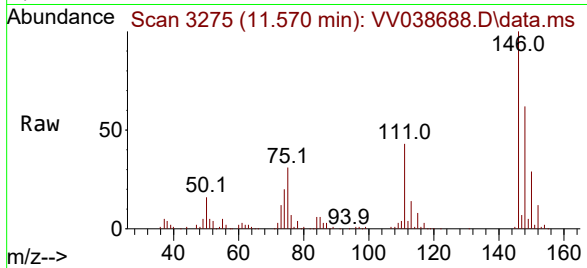
Tgt Ion:146 Resp: 103144

Ion Ratio Lower Upper

146 100

111 42.8 35.4 53.0

148 62.1 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.53 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV038688.D

Acq: 14 Feb 2025 09:29

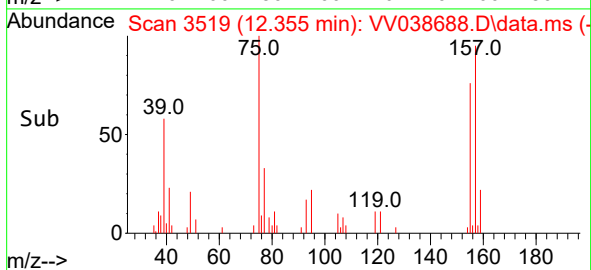
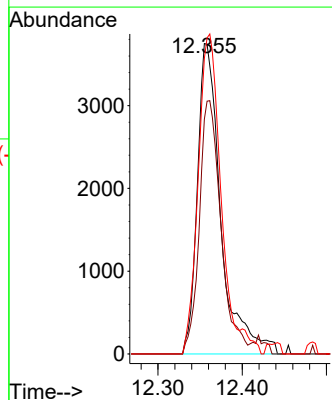
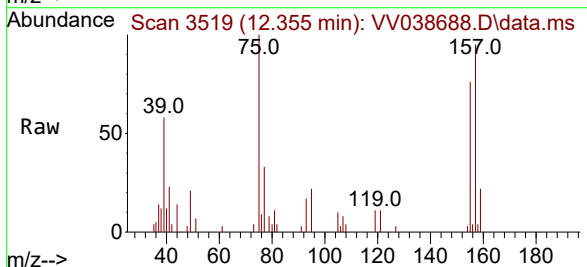
Tgt Ion: 75 Resp: 7278

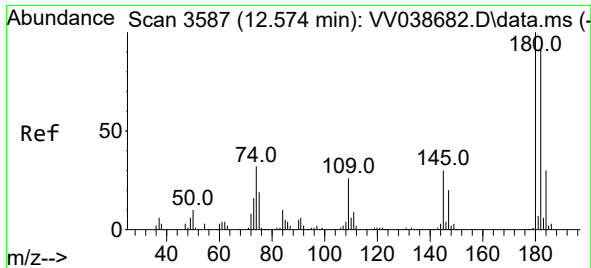
Ion Ratio Lower Upper

75 100

155 75.6 60.3 90.5

157 95.2 76.9 115.3

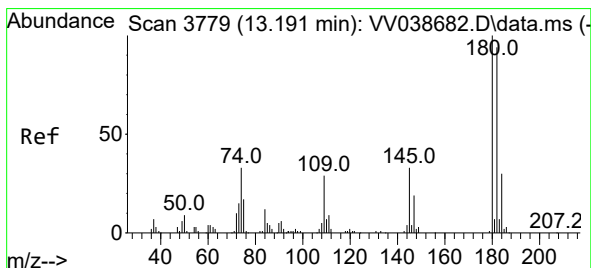
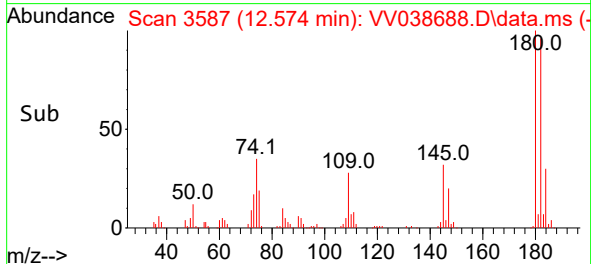
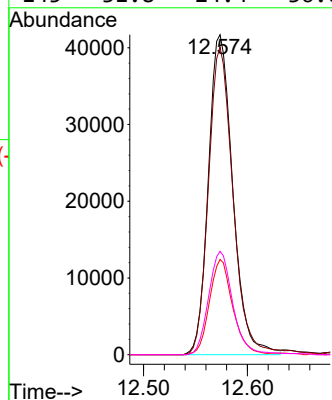
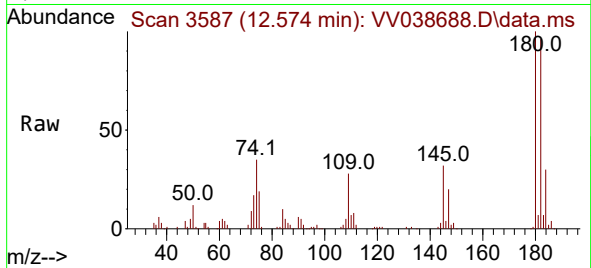




#69
 1,3,5-Trichlorobenzene
 Concen: 5.02 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

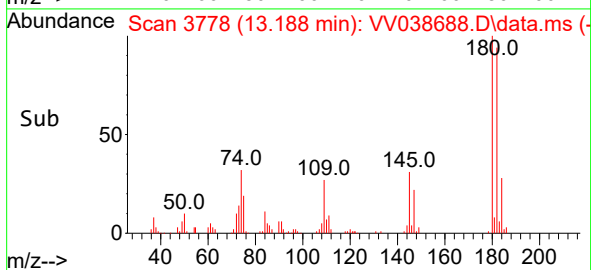
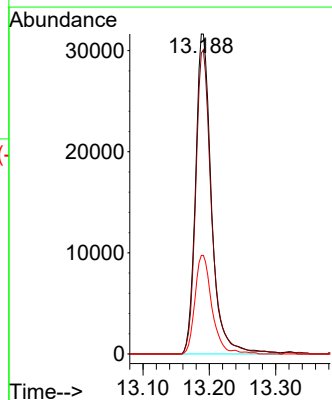
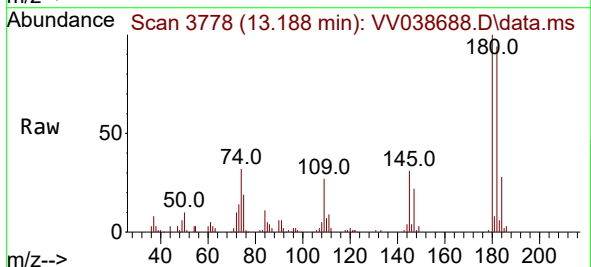
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

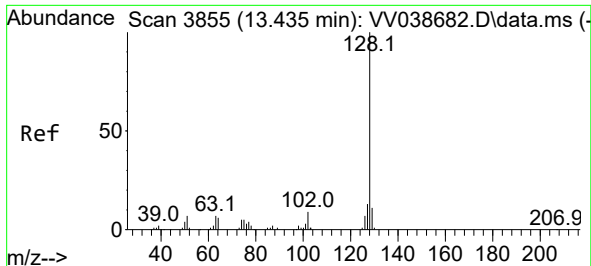
Tgt Ion:	180	Resp:	68117
Ion Ratio	Lower	Upper	
180	100		
182	97.0	75.6	113.4
184	28.3	24.1	36.1
145	31.8	24.4	36.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.17 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.003 min
 Lab File: VV038688.D
 Acq: 14 Feb 2025 09:29

Tgt Ion:	180	Resp:	52979
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	115.0
145	31.9	26.0	39.0

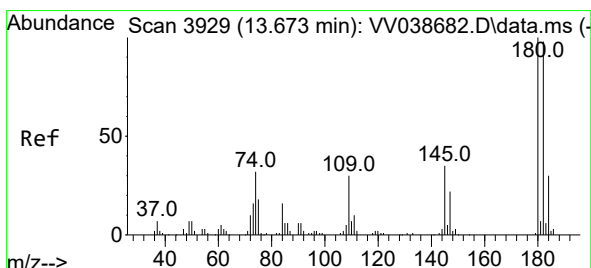
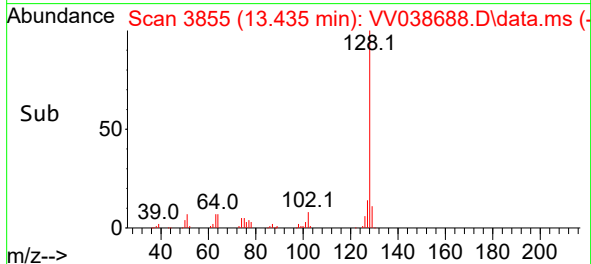
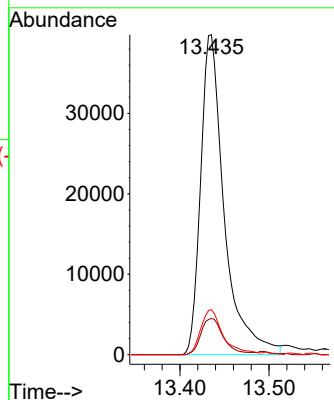
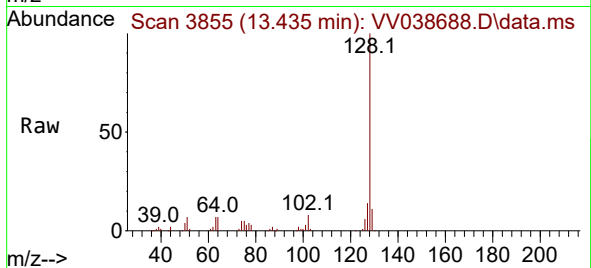




#71
Naphthalene
Concen: 4.47 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion:128 Resp: 73393
Ion Ratio Lower Upper
128 100
129 10.8 7.6 11.4
127 13.3 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.04 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038688.D
Acq: 14 Feb 2025 09:29

Tgt Ion:180 Resp: 47865
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 34.0 28.4 42.6

