

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038660.D
 Acq On : 07 Feb 2025 21:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Feb 12 13:25:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	271734	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	260352	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	128680	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	106223	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.532	69	84222	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.056	65	44316	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.793	46	241586	49.51	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.239	84	194801	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	4.937	65	90897	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	4.953	84	375466	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	5.982	67	114744	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.236	98	331686	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	7.551	79	39393	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.017	63	207867	64.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.54%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91875	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	11.551	152	113377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134087	4.15	ug/L	98
3) Chloromethane	1.214	50	124589	4.12	ug/L	100
5) Vinyl chloride	1.281	62	139852	4.36	ug/L	99
6) Bromomethane	1.487	94	49353	3.57	ug/L	98
8) Chloroethane	1.548	64	83119	4.19	ug/L	100
9) Trichlorofluoromethane	1.709	101	176975	4.13	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	100320	4.21	ug/L	98
12) 1,1-Dichloroethene	2.066	96	101609	4.39	ug/L	96
13) Acetone	2.130	43	162832	45.44	ug/L	97
14) Carbon disulfide	2.236	76	334872	4.40	ug/L	99
15) Methyl Acetate	2.381	43	44030	4.78	ug/L	93
16) Methylene chloride	2.442	84	110583	4.20	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	253982	5.37	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	108661	4.70	ug/L	93
19) 1,1-Dichloroethane	3.104	63	204823	4.60	ug/L	99
21) 2-Butanone	3.876	43	261891	48.69	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	116650	4.89	ug/L	92
23) Bromochloromethane	4.143	128	48156	4.24	ug/L	93
25) Chloroform	4.268	83	205685	4.62	ug/L	98

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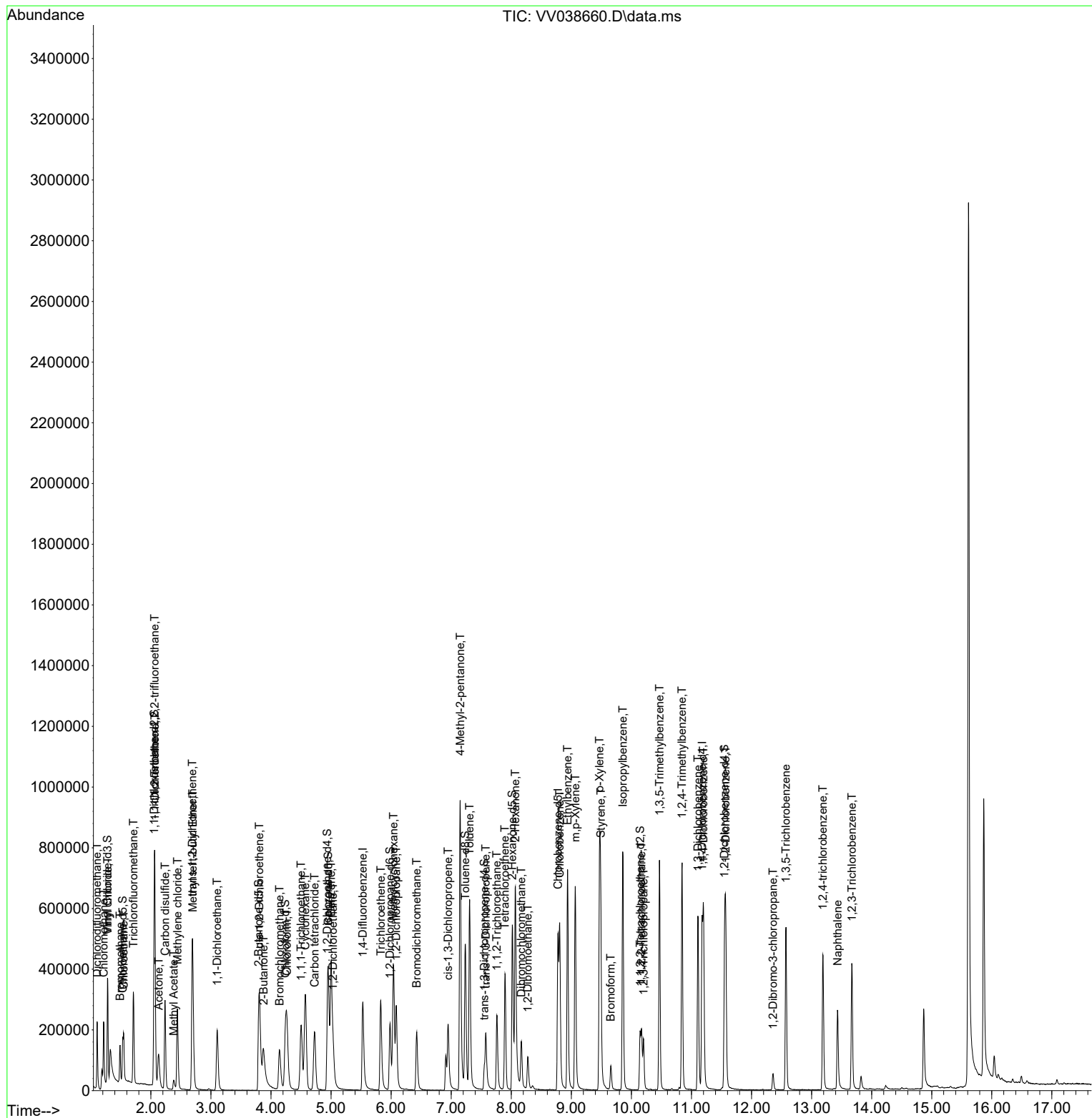
Instrument :
 MSVOA_V
 ClientSampleId :
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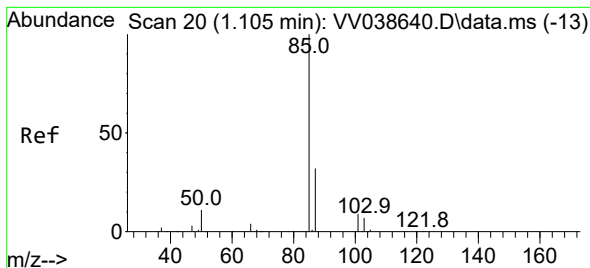
Quant Time: Feb 12 13:25:30 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123538	4.71	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	180093	4.90	ug/L	99
30) Cyclohexane	4.571	56	178599	5.63	ug/L	96
31) Carbon tetrachloride	4.725	117	149964	4.68	ug/L	99
33) Benzene	5.002	78	447083	5.43	ug/L	100
34) Trichloroethene	5.828	95	116594	5.51	ug/L	98
35) Methylcyclohexane	6.040	83	174508	5.24	ug/L	99
37) 1,2-Dichloropropane	6.085	63	112531	5.40	ug/L	100
38) Bromodichloromethane	6.426	83	137601	4.81	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	149851	5.28	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	673364	61.55	ug/L	99
42) Toluene	7.307	91	473444	5.41	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	118393	4.96	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	79714	4.89	ug/L	94
47) Tetrachloroethene	7.895	164	82289	5.00	ug/L	96
48) 2-Hexanone	8.069	43	482063	59.72	ug/L	98
49) Dibromochloromethane	8.169	129	76836	4.25	ug/L	98
50) 1,2-Dibromoethane	8.275	107	76569	5.08	ug/L	92
51) Chlorobenzene	8.805	112	296491	5.15	ug/L	98
52) Ethylbenzene	8.937	91	510065	5.49	ug/L	99
53) m,p-Xylene	9.066	106	193566	5.66	ug/L	99
54) o-Xylene	9.471	106	184817	5.53	ug/L	98
55) Styrene	9.490	104	318906	5.65	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	98503	4.91	ug/L	97
59) Bromoform	9.657	173	34192	3.98	ug/L	100
60) Isopropylbenzene	9.857	105	501679	5.92	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	68360	5.16	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	393986	5.90	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	401614	6.05	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	228010	5.38	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	226456	5.25	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	206250	5.19	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14665	5.44	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	151680	5.46	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	130751	6.22	ug/L	99
71) Naphthalene	13.432	128	215763	6.42	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	117805	6.05	ug/L	99

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

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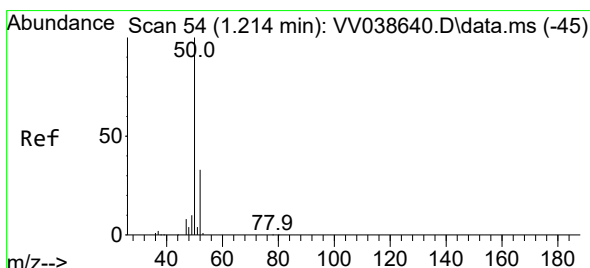
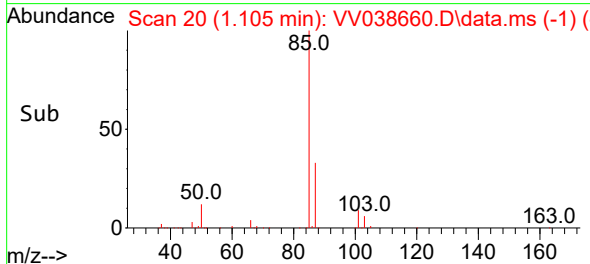
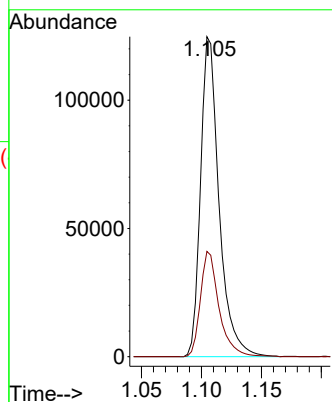
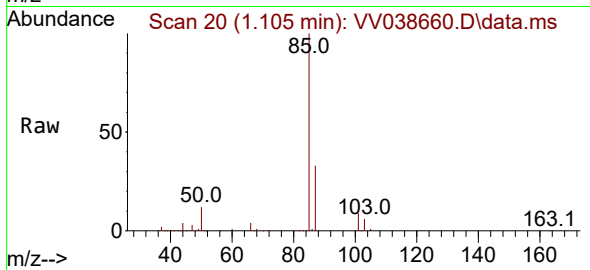




#2
 Dichlorodifluoromethane
 Concen: 4.15 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

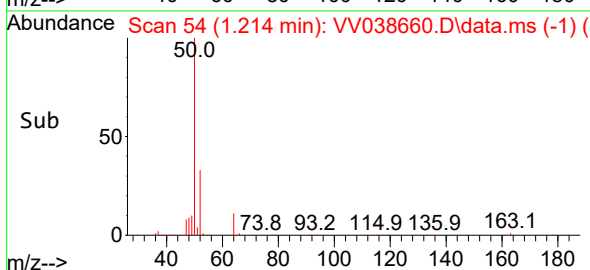
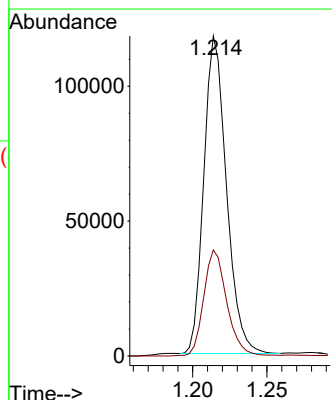
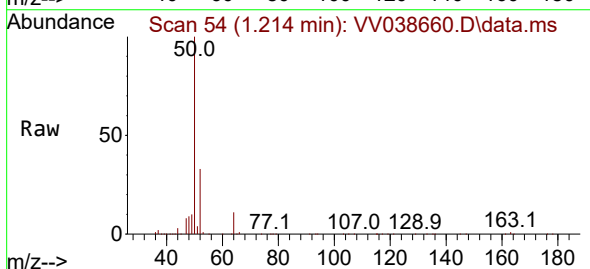
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

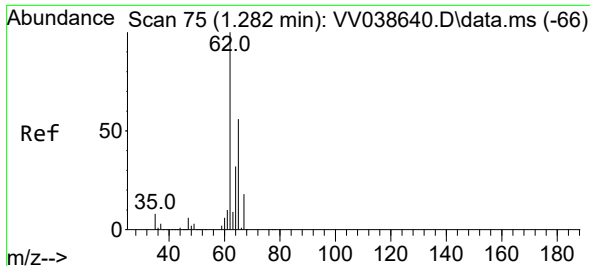
Tgt Ion: 85 Resp: 134087
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.5 38.3



#3
 Chloromethane
 Concen: 4.12 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

Tgt Ion: 50 Resp: 124589
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

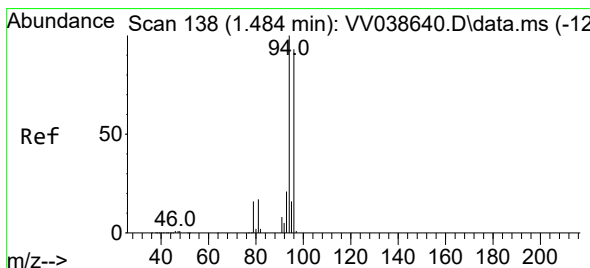
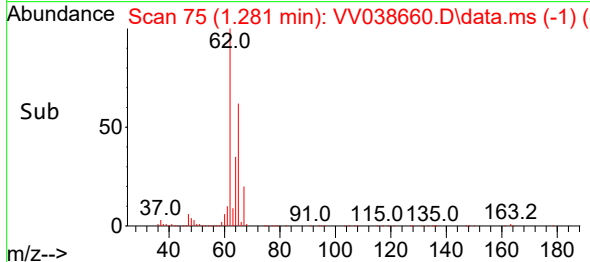
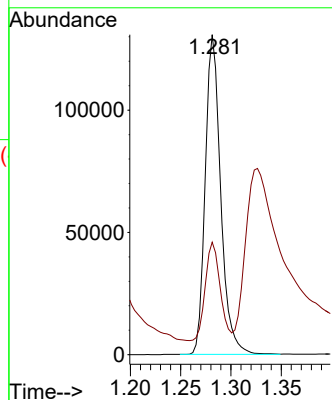
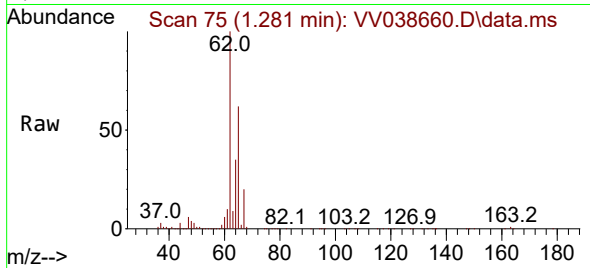




#5
 Vinyl chloride
 Concen: 4.36 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

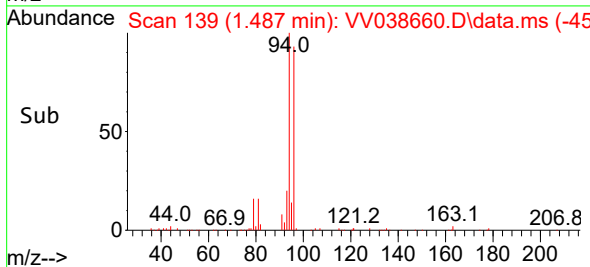
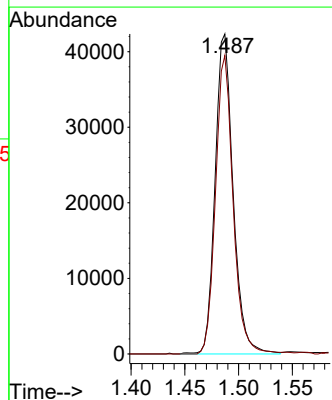
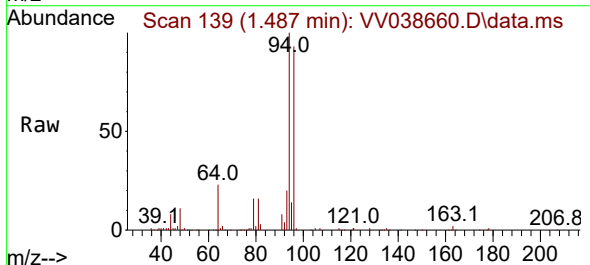
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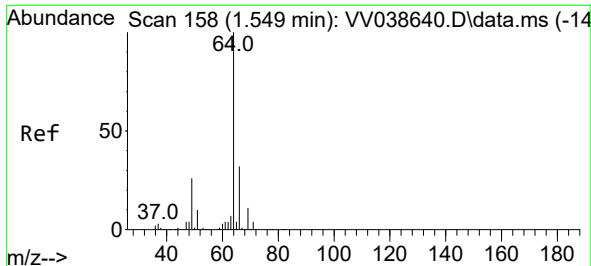
Tgt Ion: 62 Resp: 139852
 Ion Ratio Lower Upper
 62 100
 64 35.1 25.0 46.4



#6
 Bromomethane
 Concen: 3.57 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

Tgt Ion: 94 Resp: 49353
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.3 119.3

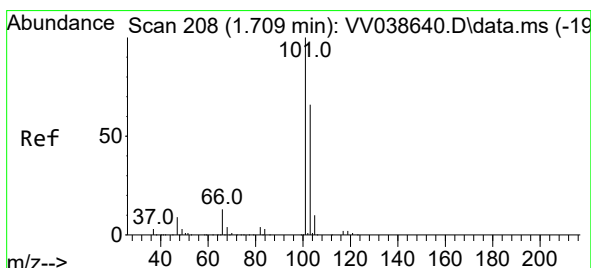
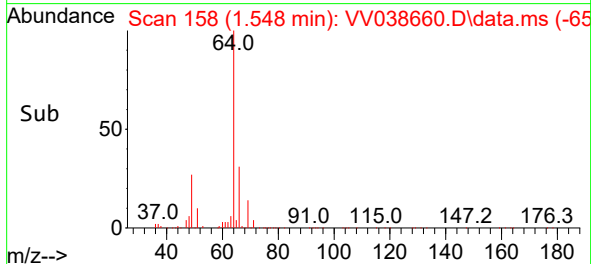
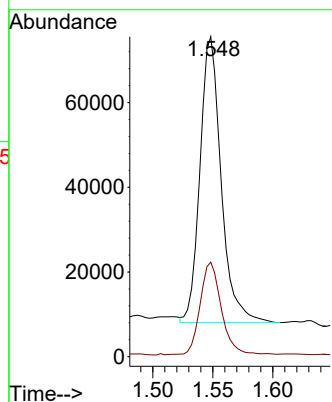
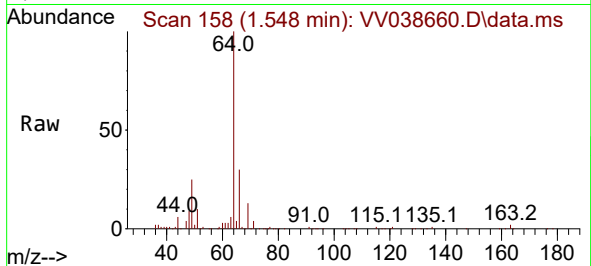




#8
Chloroethane
Concen: 4.19 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

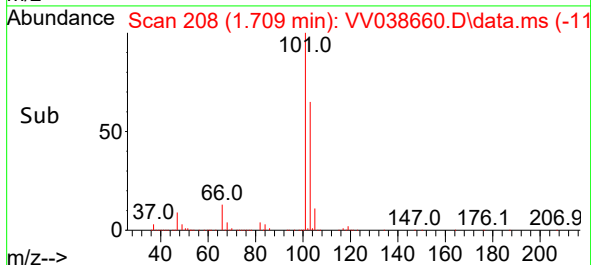
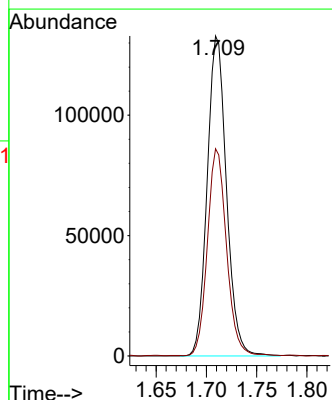
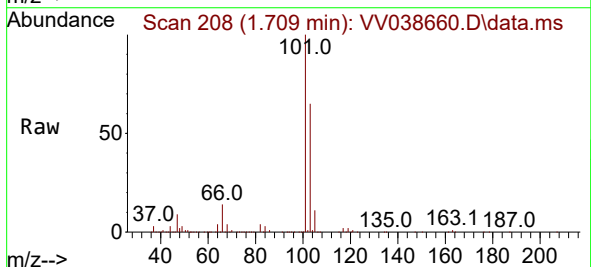
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MSVOA_V
ClientSampleId :
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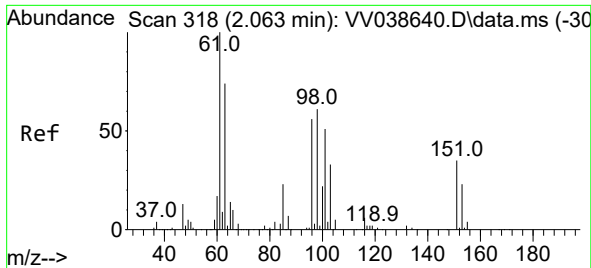
Tgt Ion: 64 Resp: 83119
Ion Ratio Lower Upper
64 100
66 29.6 20.9 38.7



#9
Trichlorofluoromethane
Concen: 4.13 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:101 Resp: 176975
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6

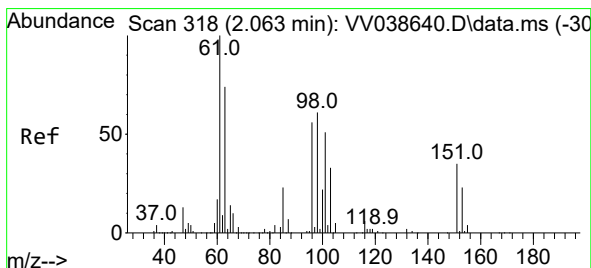
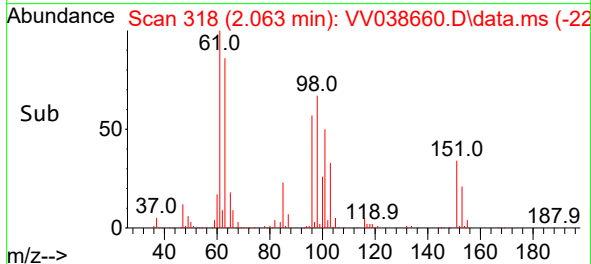
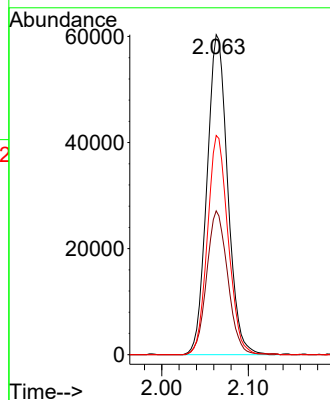
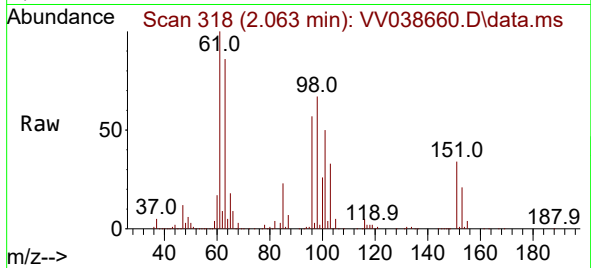




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.21 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

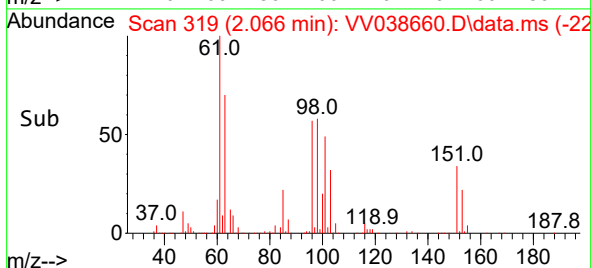
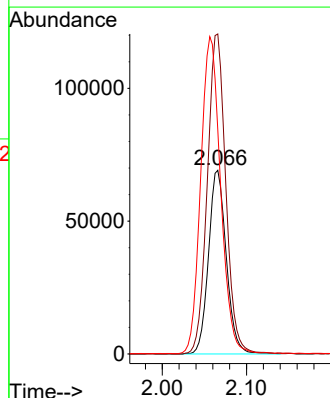
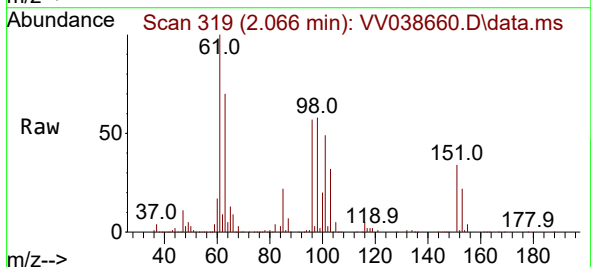
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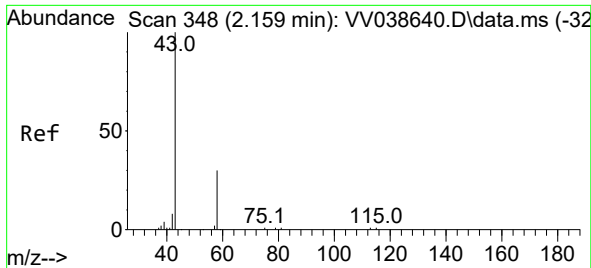
Tgt Ion:101 Resp: 100320
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.0 52.4
 151 68.4 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 4.39 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

Tgt Ion: 96 Resp: 101609
 Ion Ratio Lower Upper
 96 100
 61 174.3 122.8 228.1
 63 122.0 92.0 170.8





#13

Acetone

Concen: 45.44 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

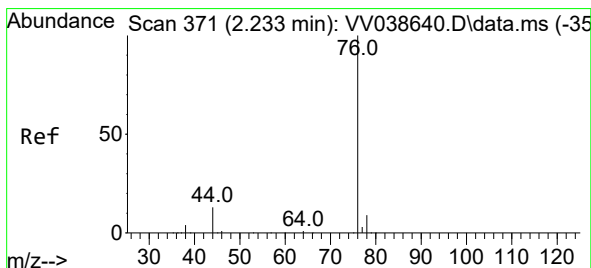
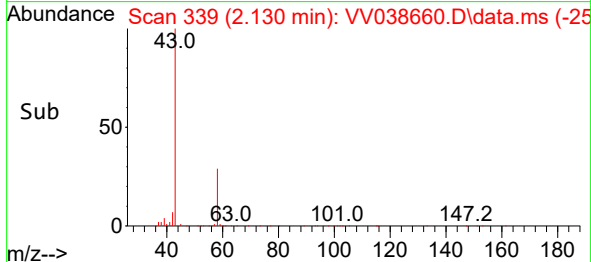
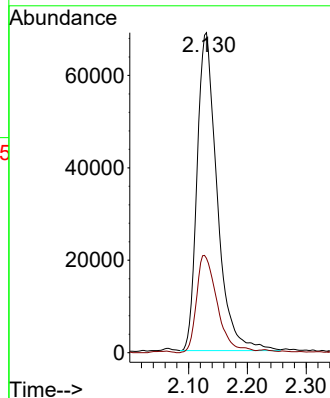
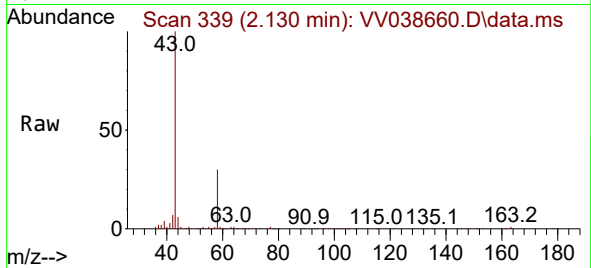
VSTD005341

Tgt Ion: 43 Resp: 162832

Ion Ratio Lower Upper

43 100

58 31.9 0.0 67.4



#14

Carbon disulfide

Concen: 4.40 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038660.D

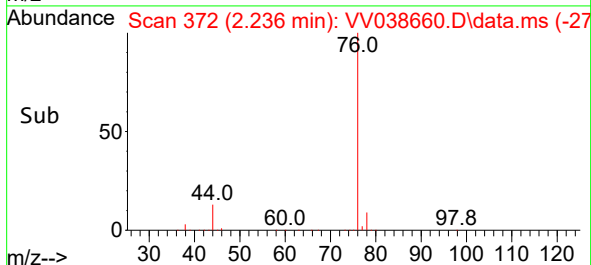
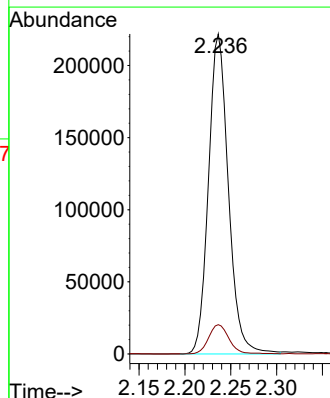
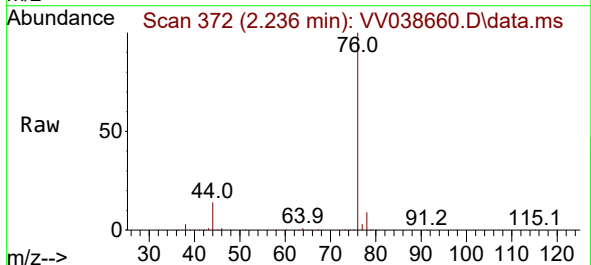
Acq: 07 Feb 2025 21:05

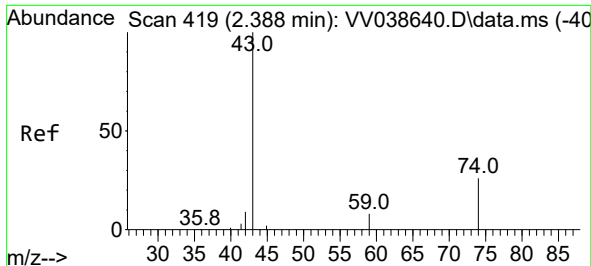
Tgt Ion: 76 Resp: 334872

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

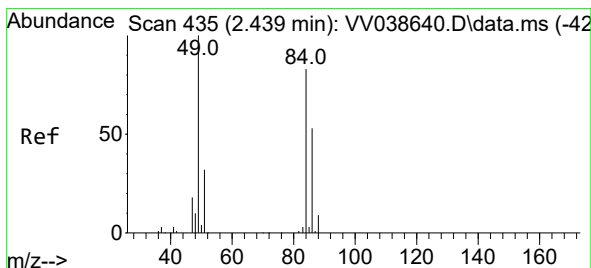
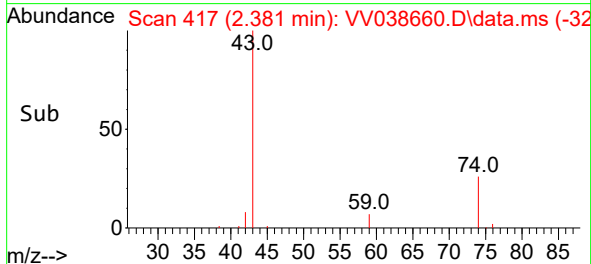
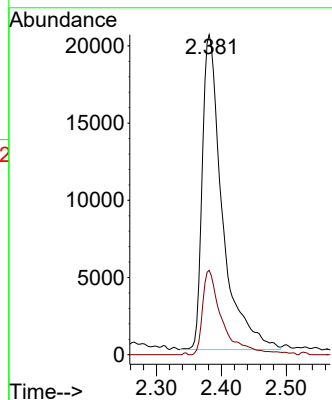
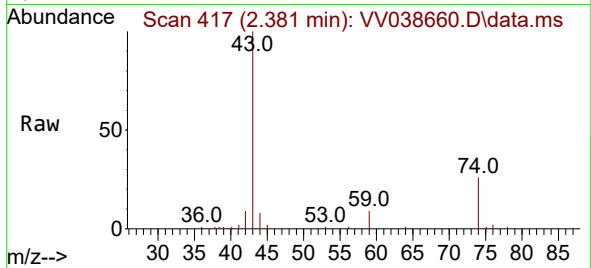




#15
Methyl Acetate
Concen: 4.78 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.007 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

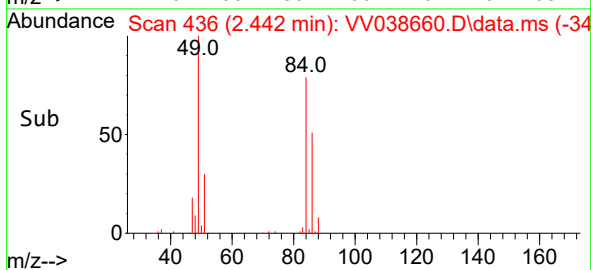
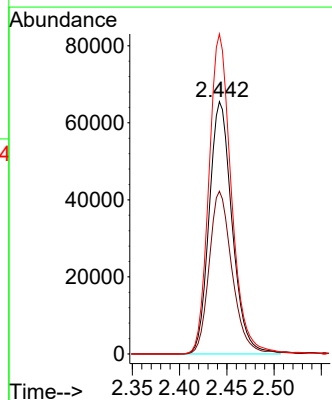
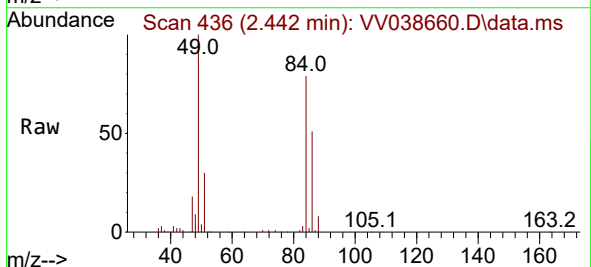
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

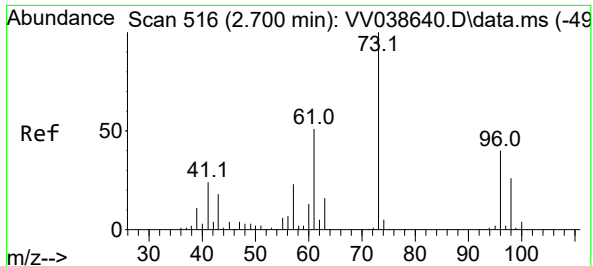
Tgt Ion: 43 Resp: 44030
Ion Ratio Lower Upper
43 100
74 26.6 18.6 27.8



#16
Methylene chloride
Concen: 4.20 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 84 Resp: 110583
Ion Ratio Lower Upper
84 100
86 64.5 46.0 85.4
49 126.8 83.9 155.9





#17

Methyl tert-butyl Ether

Concen: 5.37 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

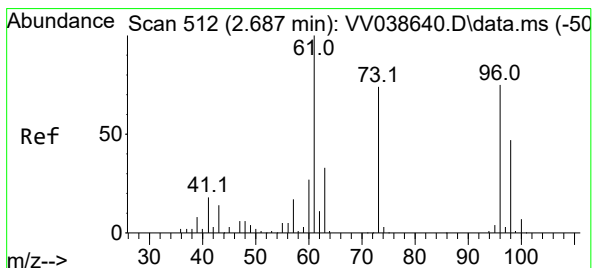
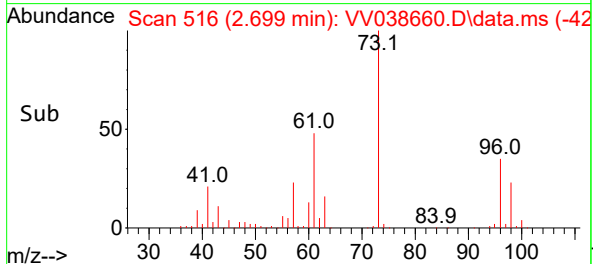
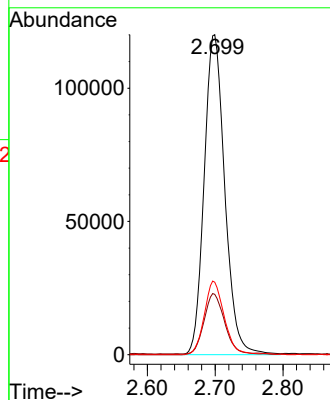
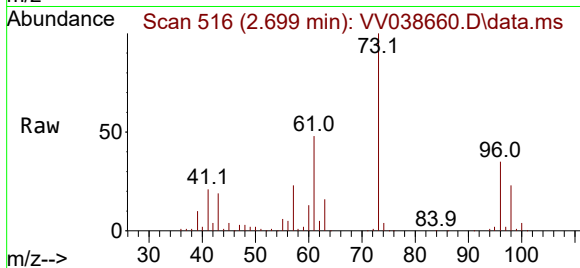
MSVOA_V

ClientSampleId :

VSTD005341

Tgt Ion: 73 Resp: 253982

Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.6	22.0
57	22.1	18.2	27.2



#18

trans-1,2-Dichloroethene

Concen: 4.70 ug/L

RT: 2.690 min Scan# 513

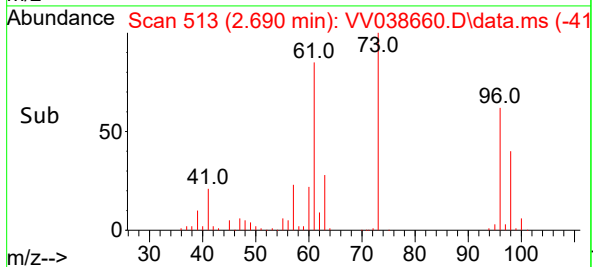
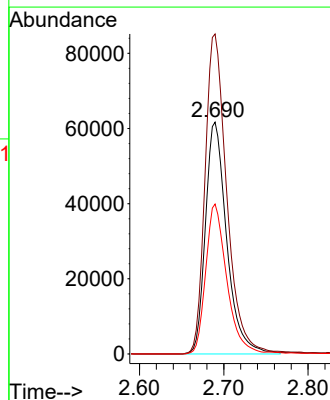
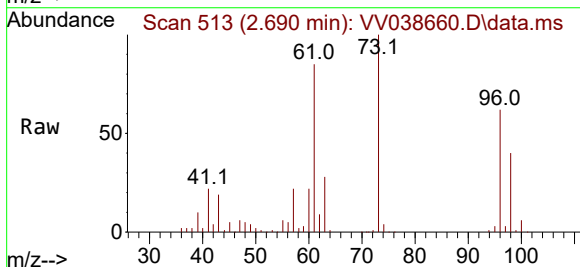
Delta R.T. 0.003 min

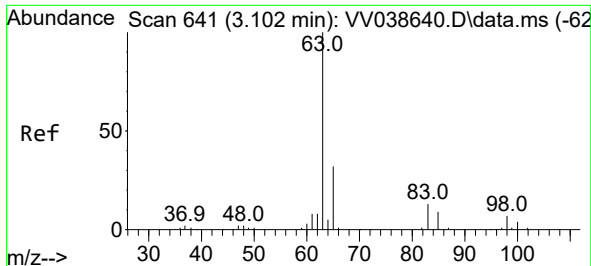
Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Tgt Ion: 96 Resp: 108661

Ion	Ratio	Lower	Upper
96	100		
61	138.0	91.4	169.8
98	64.7	41.6	77.2





#19

1,1-Dichloroethane

Concen: 4.60 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

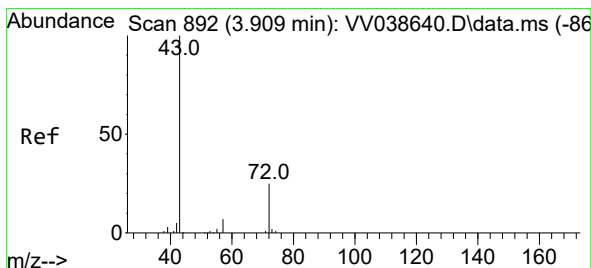
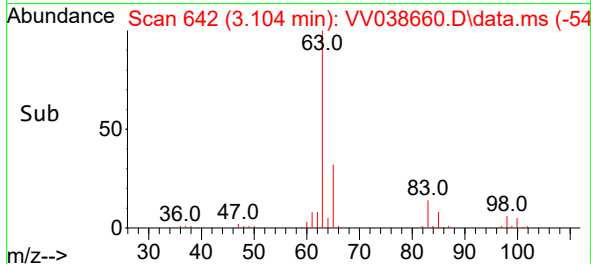
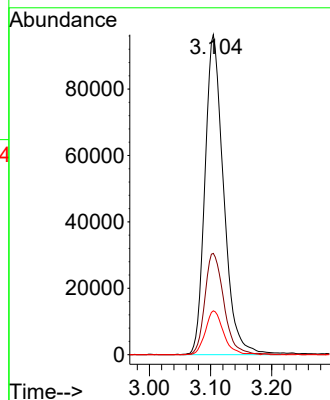
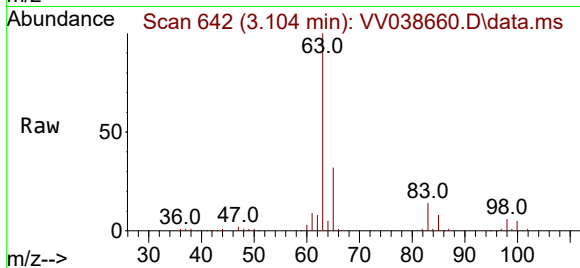
Tgt Ion: 63 Resp: 204823

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.4

83 13.7 9.2 17.2



#21

2-Butanone

Concen: 48.69 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.032 min

Lab File: VV038660.D

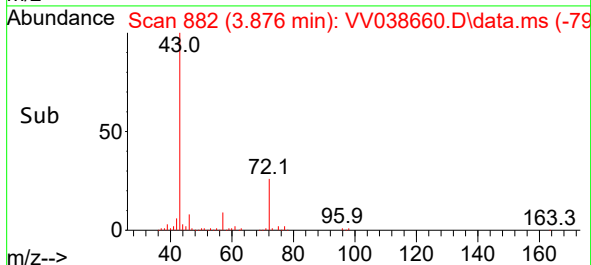
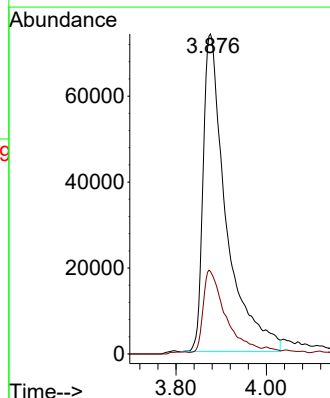
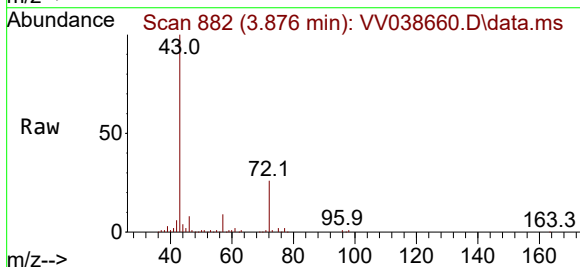
Acq: 07 Feb 2025 21:05

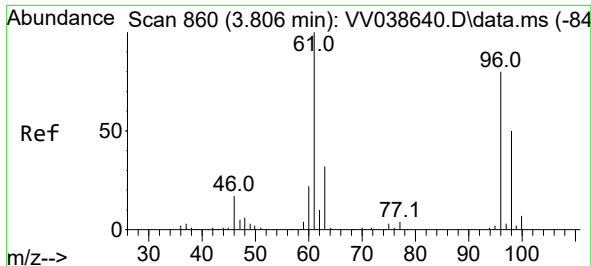
Tgt Ion: 43 Resp: 261891

Ion Ratio Lower Upper

43 100

72 25.0 11.9 35.5





#22

cis-1,2-Dichloroethene

Concen: 4.89 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

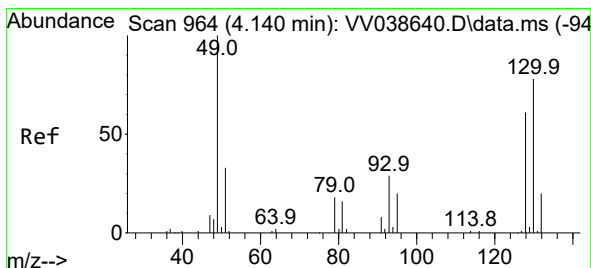
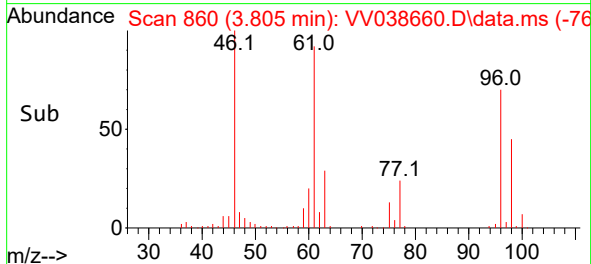
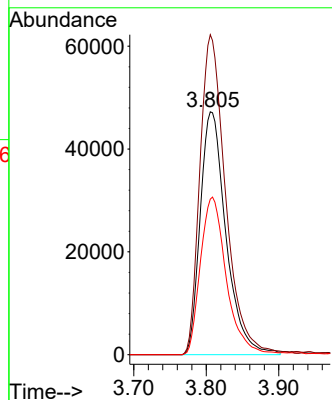
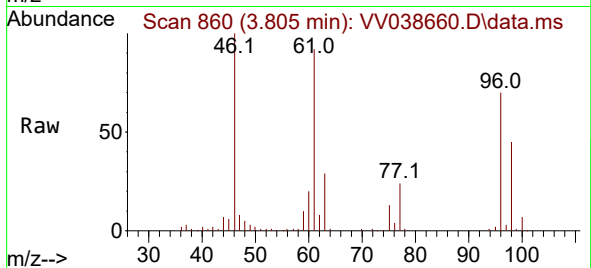
Tgt Ion: 96 Resp: 116650

Ion Ratio Lower Upper

96 100

61 131.8 83.6 155.2

98 64.0 45.6 84.8



#23

Bromochloromethane

Concen: 4.24 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Tgt Ion: 128 Resp: 48156

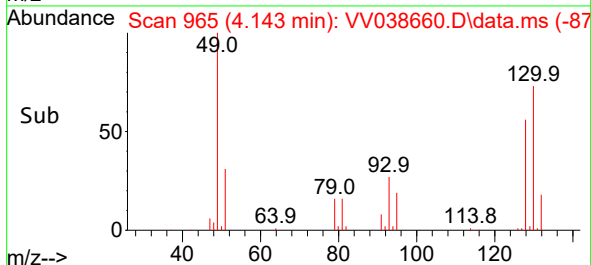
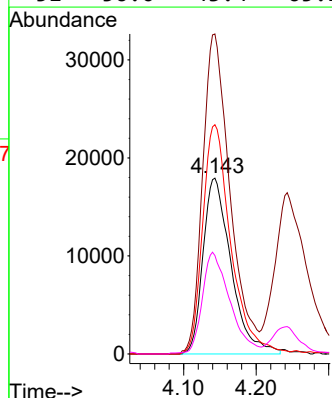
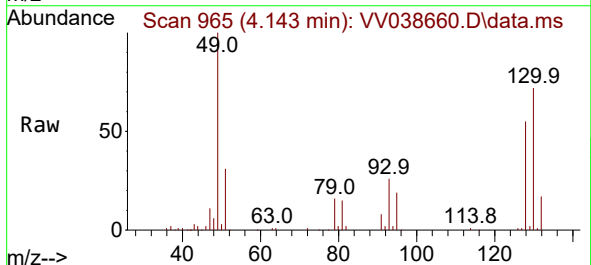
Ion Ratio Lower Upper

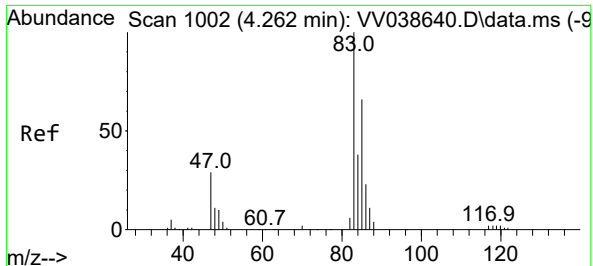
128 100

49 182.0 116.0 215.4

130 130.5 90.2 167.6

51 56.0 43.4 65.2

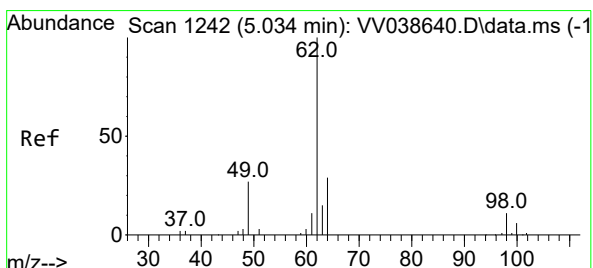
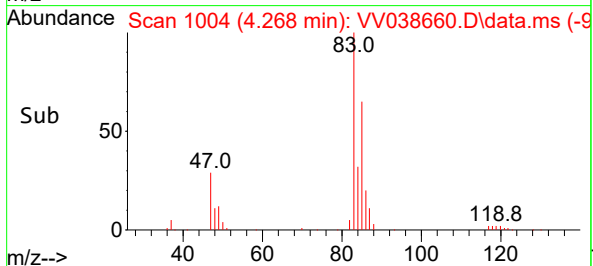
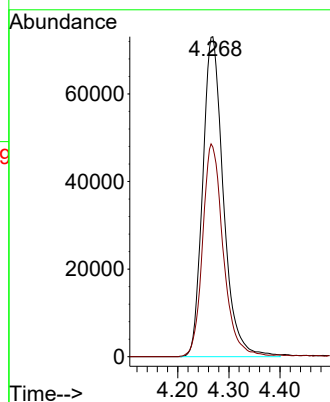
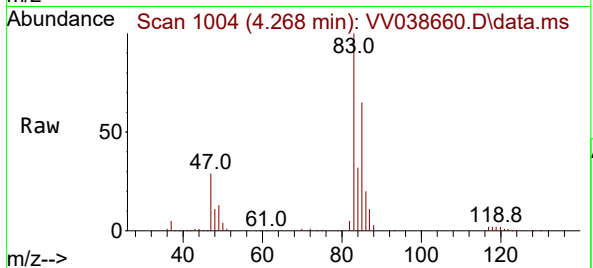




#25
Chloroform
Concen: 4.62 ug/L
RT: 4.268 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

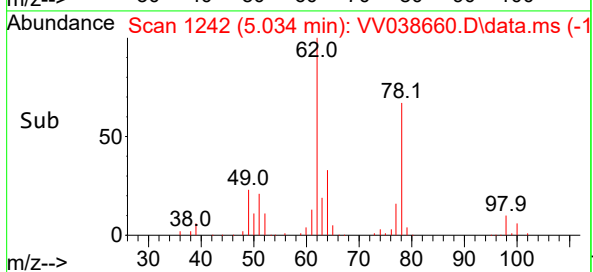
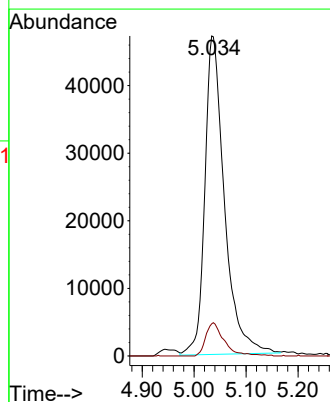
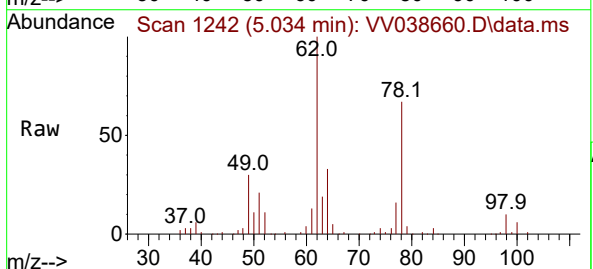
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

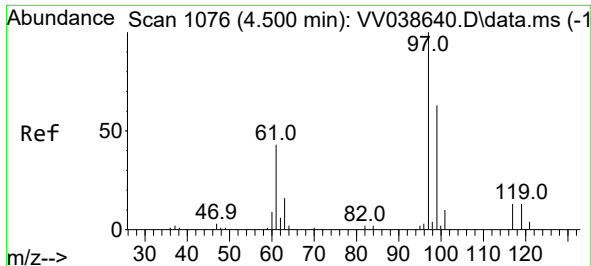
Tgt Ion: 83 Resp: 205685
Ion Ratio Lower Upper
83 100
85 65.5 47.2 87.6



#27
1,2-Dichloroethane
Concen: 4.71 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 62 Resp: 123538
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.90 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

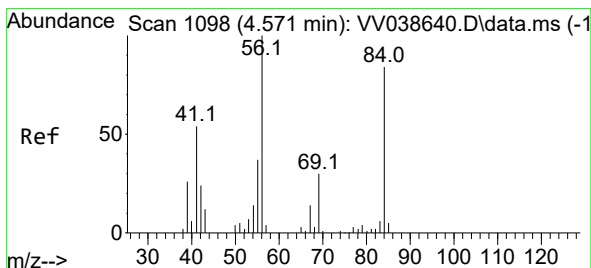
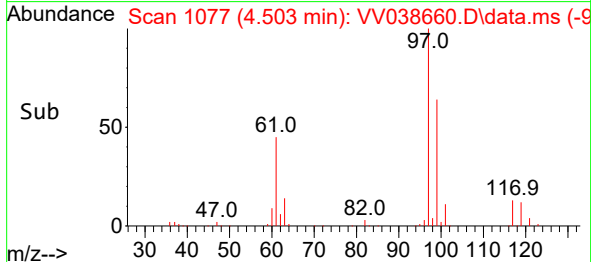
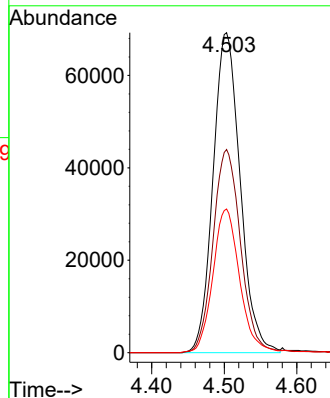
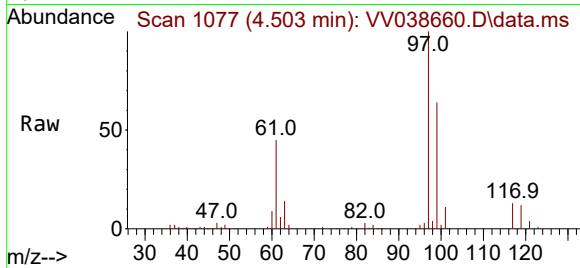
Tgt Ion: 97 Resp: 180093

Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 44.3 35.8 53.6



#30

Cyclohexane

Concen: 5.63 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

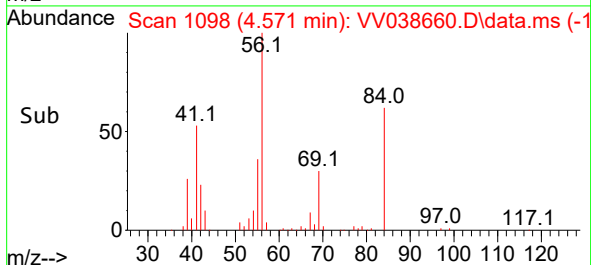
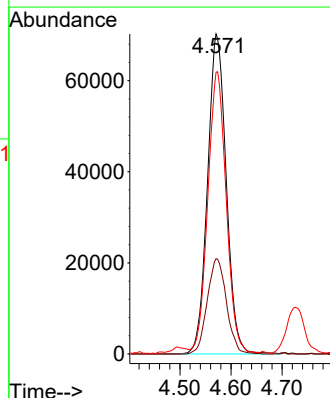
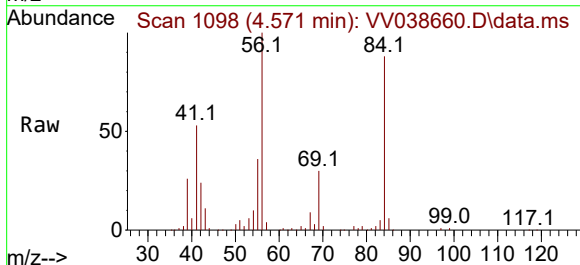
Tgt Ion: 56 Resp: 178599

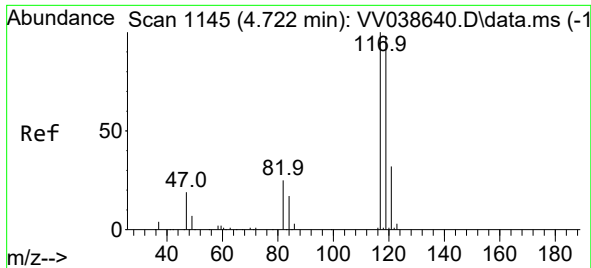
Ion Ratio Lower Upper

56 100

69 30.7 24.0 36.0

84 86.0 72.7 109.1

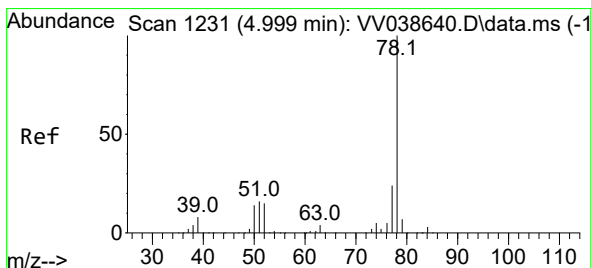
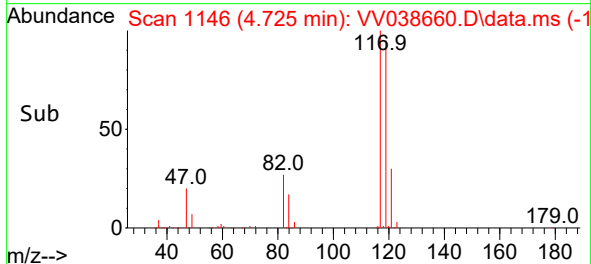
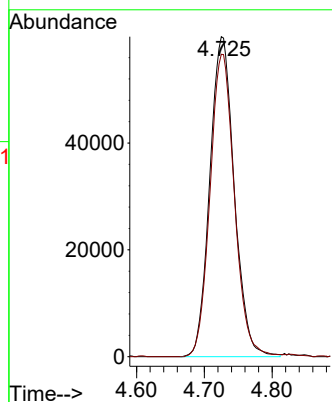
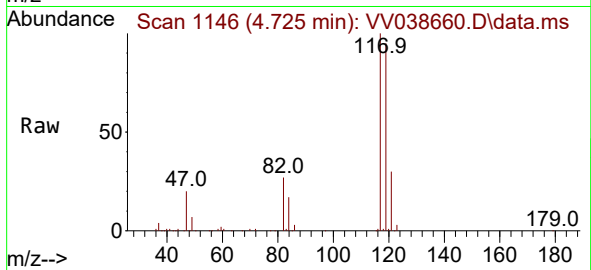




#31
Carbon tetrachloride
Concen: 4.68 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

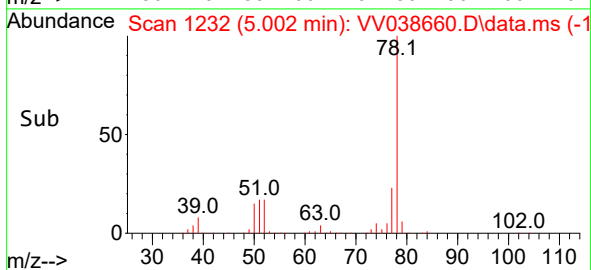
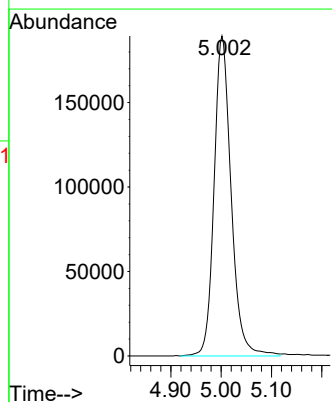
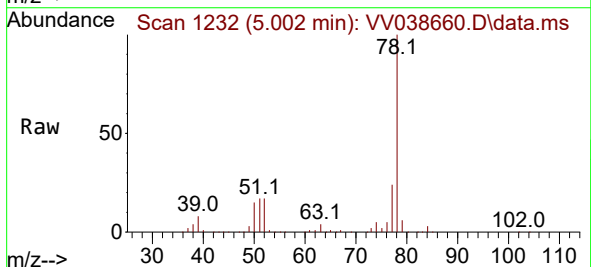
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

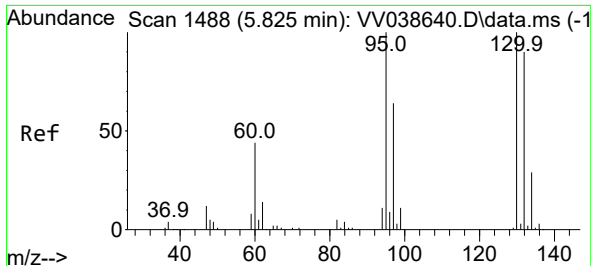
Tgt Ion:117 Resp: 149964
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7



#33
Benzene
Concen: 5.43 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 78 Resp: 447083

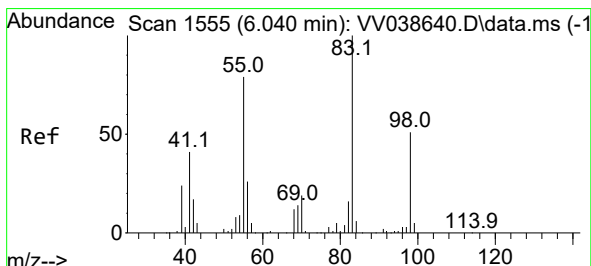
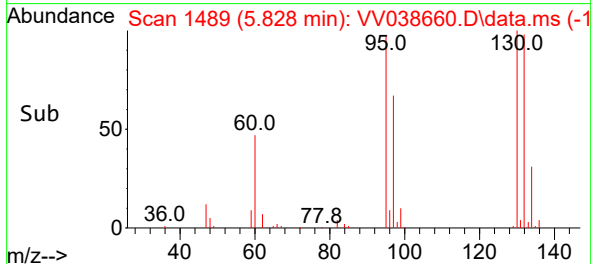
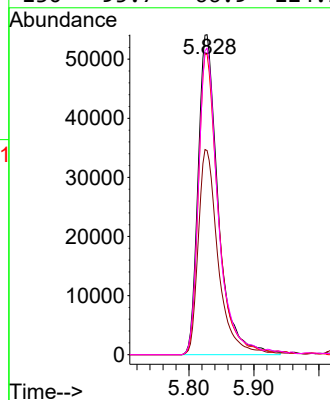
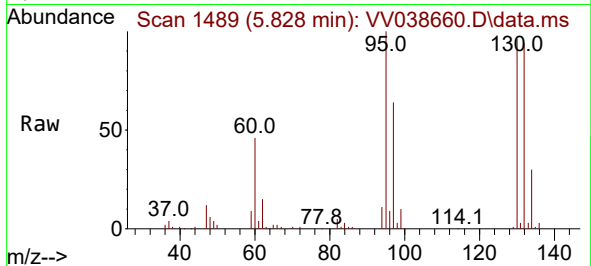




#34
Trichloroethene
Concen: 5.51 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

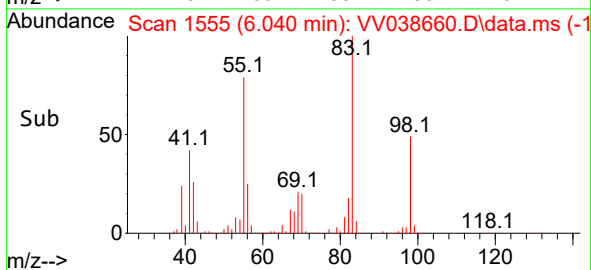
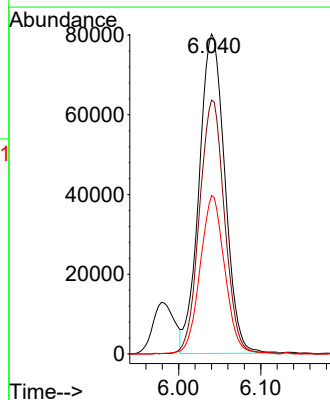
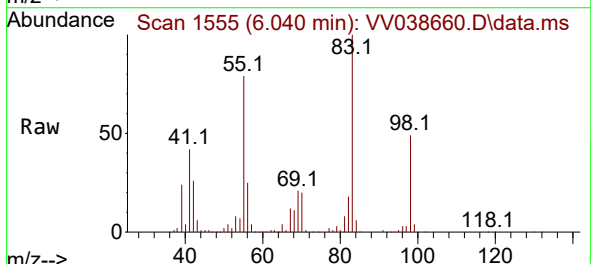
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

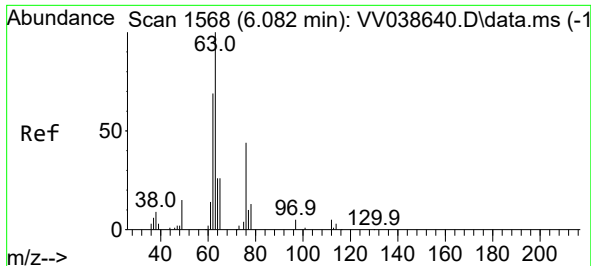
Tgt Ion: 95 Resp: 116594
Ion Ratio Lower Upper
95 100
97 63.8 43.5 80.9
132 93.9 64.0 118.8
130 95.7 66.9 124.3



#35
Methylcyclohexane
Concen: 5.24 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 83 Resp: 174508
Ion Ratio Lower Upper
83 100
55 77.1 62.6 94.0
98 47.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.40 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

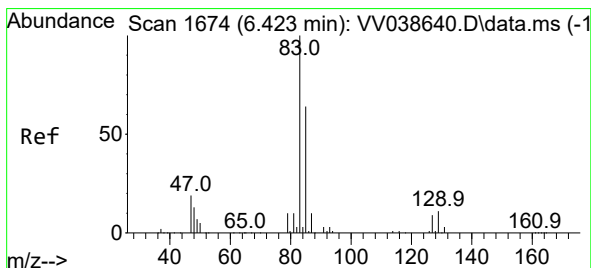
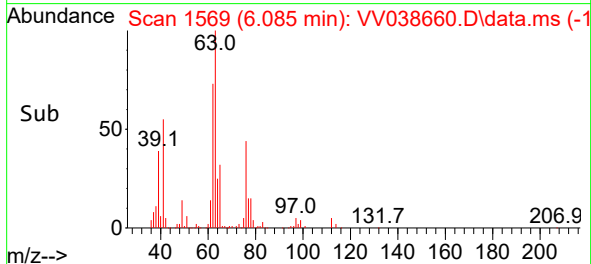
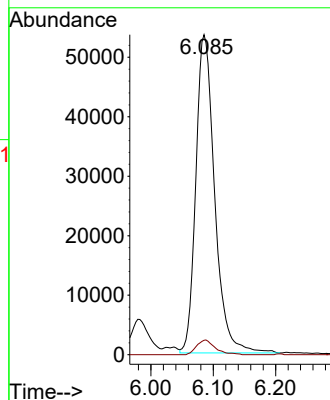
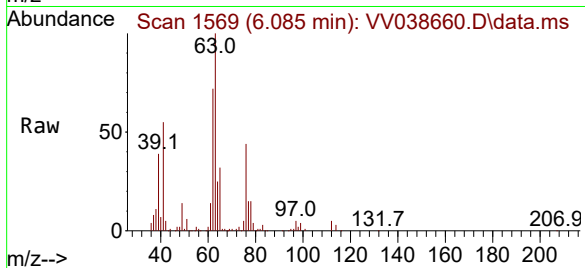
VSTD005341

Tgt Ion: 63 Resp: 112531

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 4.81 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

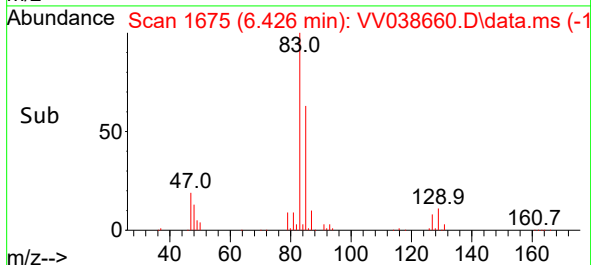
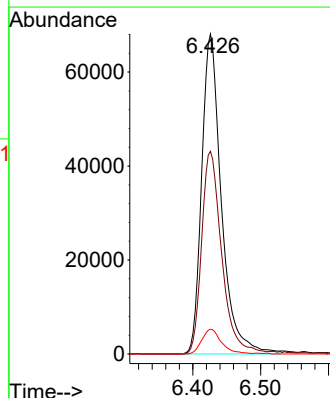
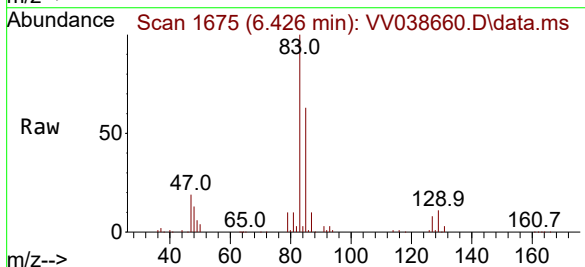
Tgt Ion: 83 Resp: 137601

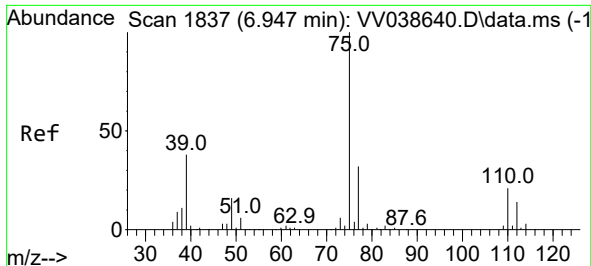
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

127 7.7 6.2 9.4

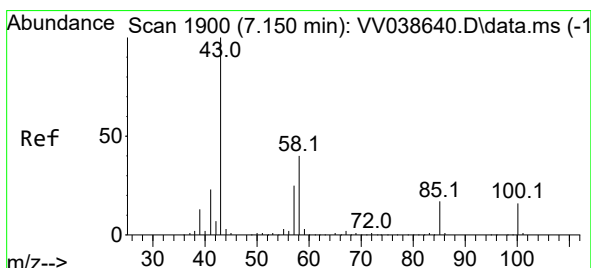
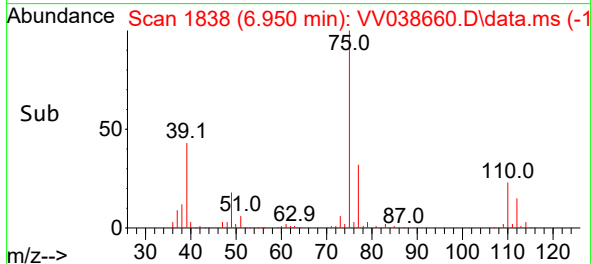
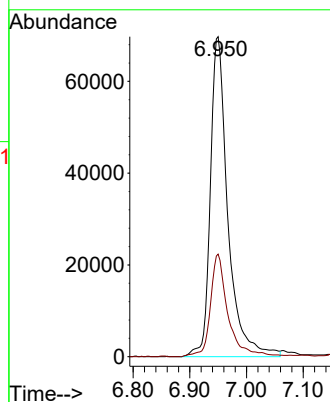
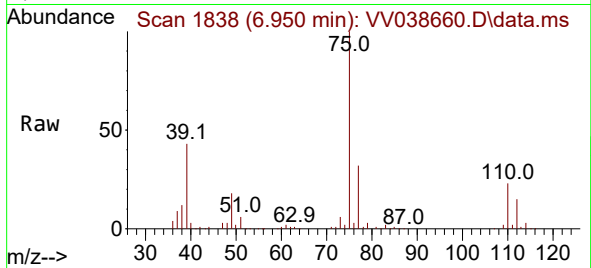




#39
 cis-1,3-Dichloropropene
 Concen: 5.28 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

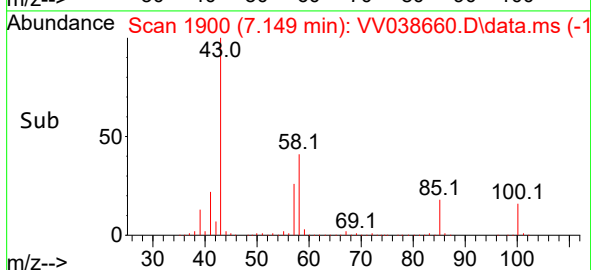
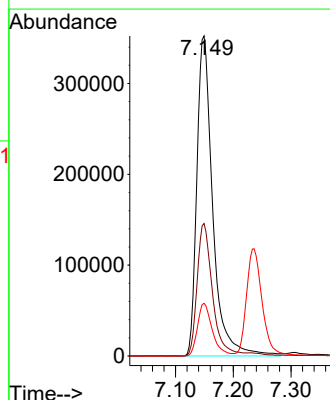
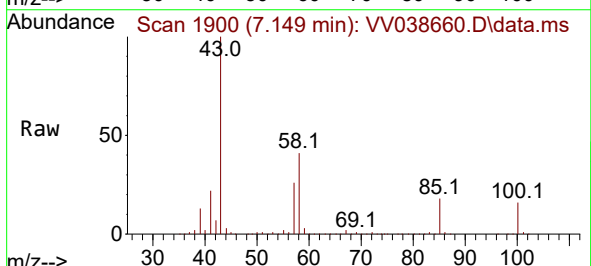
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

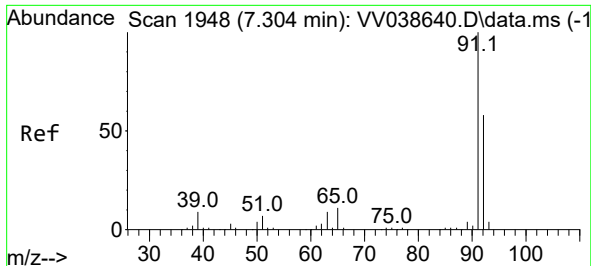
Tgt Ion: 75 Resp: 149851
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 61.55 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VV038660.D
 Acq: 07 Feb 2025 21:05

Tgt Ion: 43 Resp: 673364
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.1 46.7
 100 15.4 12.0 18.0





#42

Toluene

Concen: 5.41 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

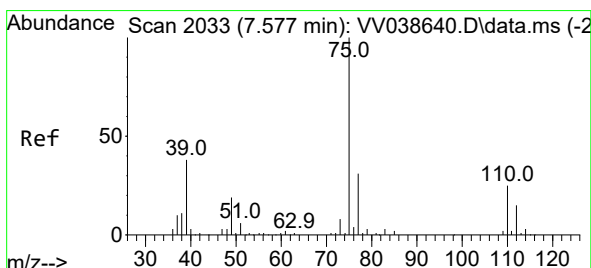
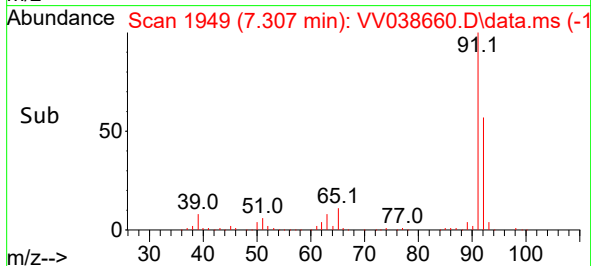
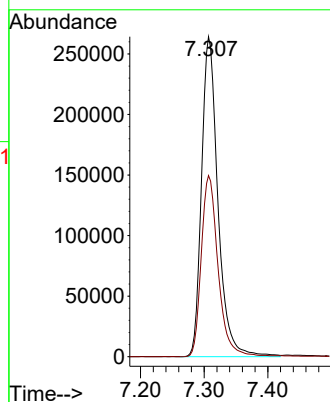
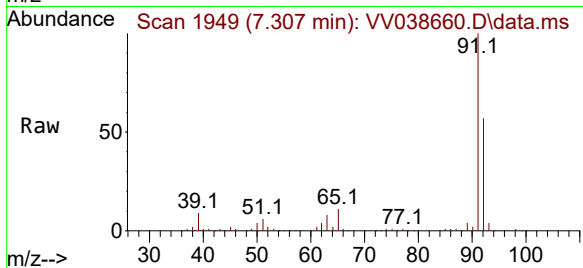
VSTD005341

Tgt Ion: 91 Resp: 473444

Ion Ratio Lower Upper

91 100

92 56.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.96 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038660.D

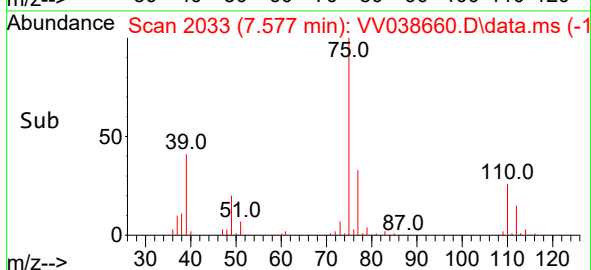
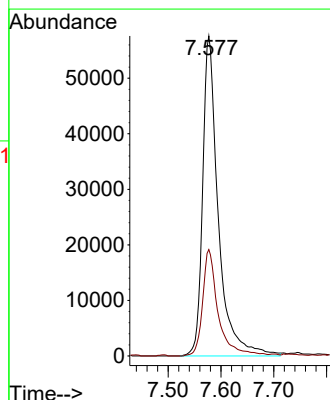
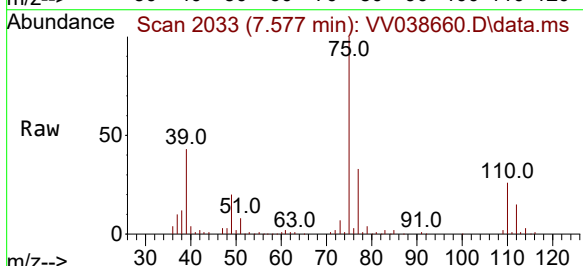
Acq: 07 Feb 2025 21:05

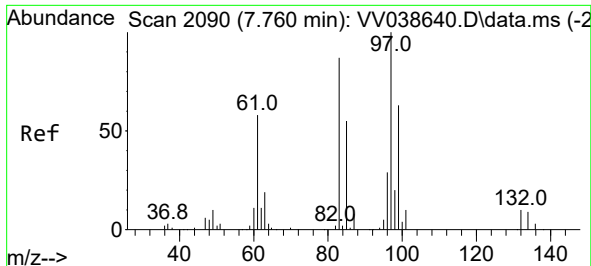
Tgt Ion: 75 Resp: 118393

Ion Ratio Lower Upper

75 100

77 33.3 21.4 39.8

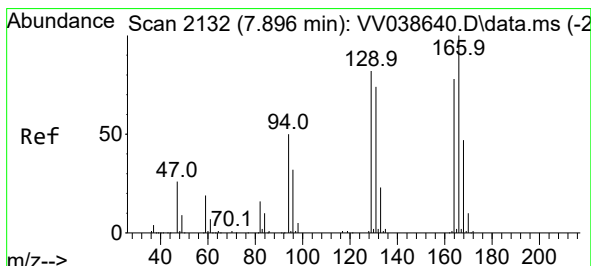
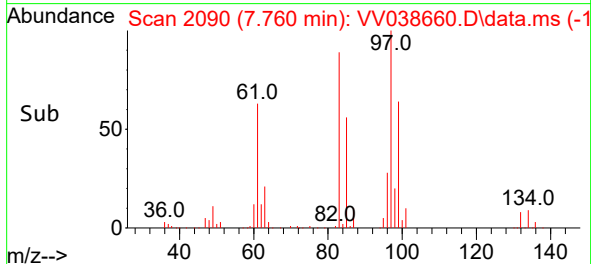
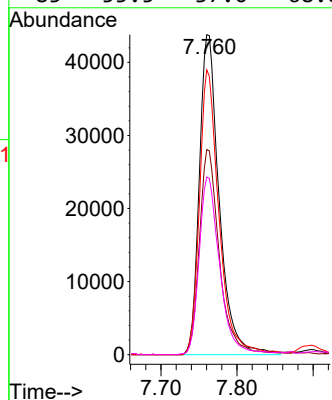
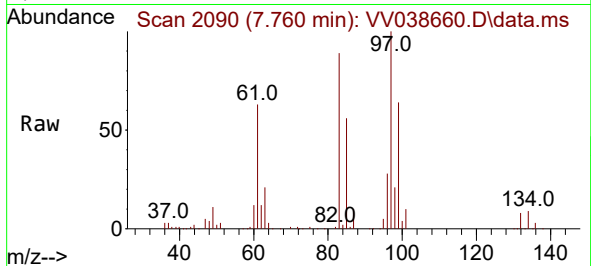




#45
1,1,2-Trichloroethane
Concen: 4.89 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

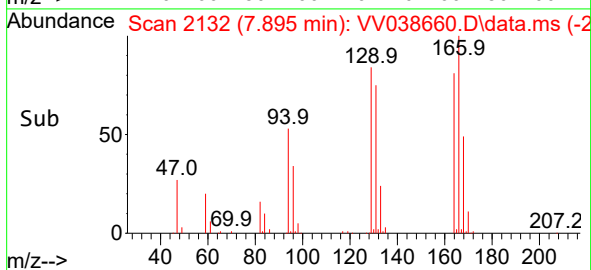
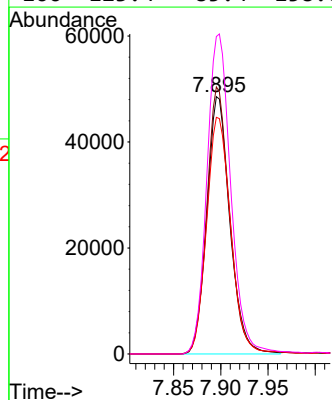
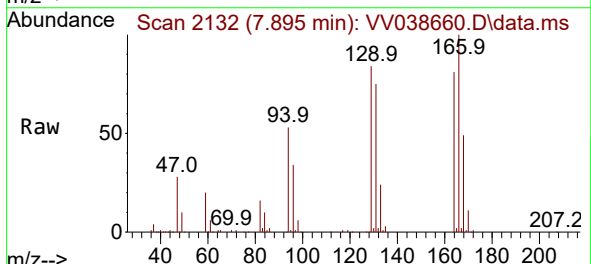
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

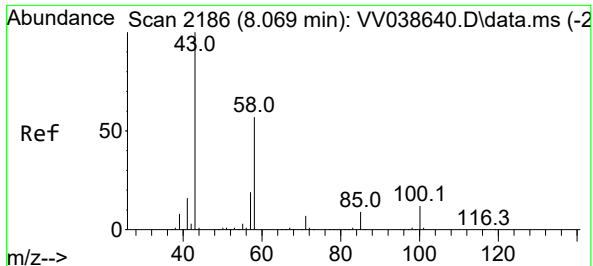
Tgt Ion:	97	Resp:	79714
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.7	79.3
83	89.0	57.2	106.2
85	55.5	37.0	68.8



#47
Tetrachloroethene
Concen: 5.00 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:	164	Resp:	82289
Ion	Ratio	Lower	Upper
164	100		
129	103.8	66.3	123.1
131	92.0	63.2	117.4
166	123.4	85.4	158.6



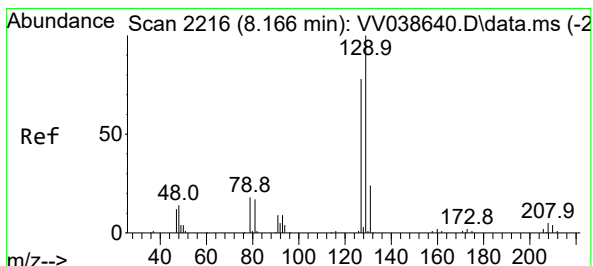
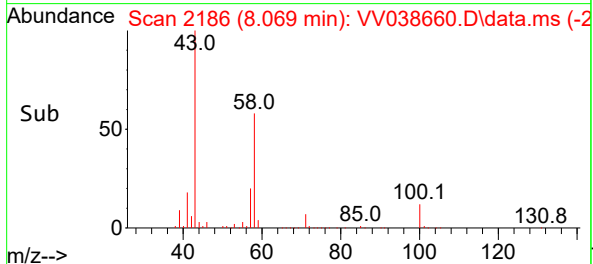
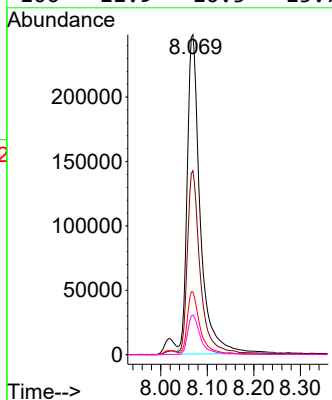
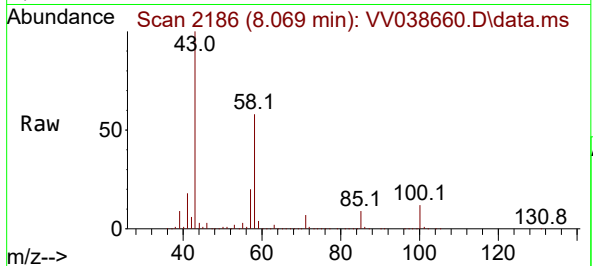


#48
2-Hexanone
Concen: 59.72 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Tgt Ion: 43 Resp: 482063

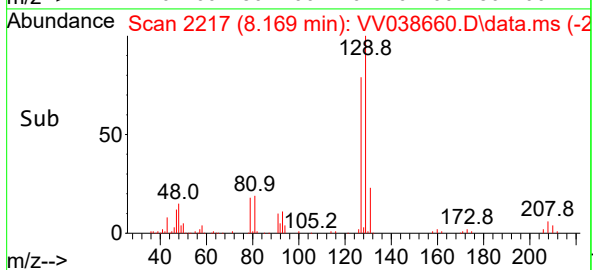
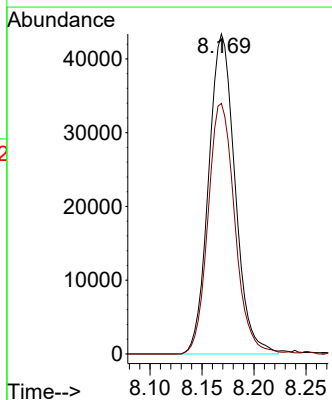
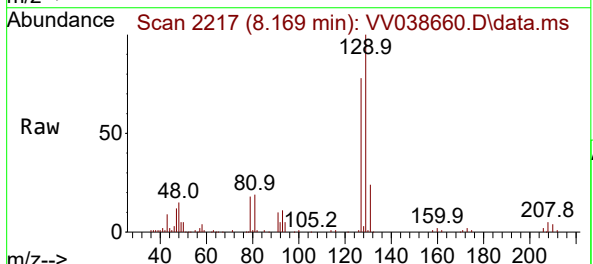
Ion	Ratio	Lower	Upper
43	100		
58	55.6	46.1	69.1
57	18.2	15.0	22.6
100	11.9	10.5	15.7

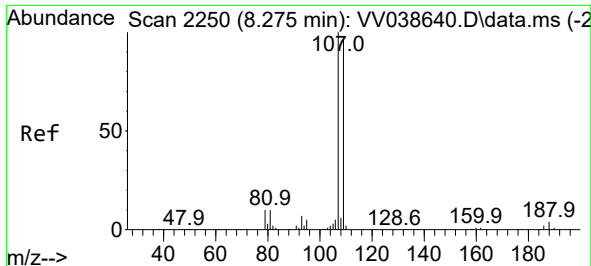


#49
Dibromochloromethane
Concen: 4.25 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 129 Resp: 76836

Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.5	99.3

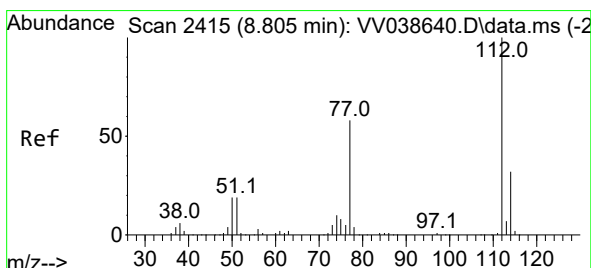
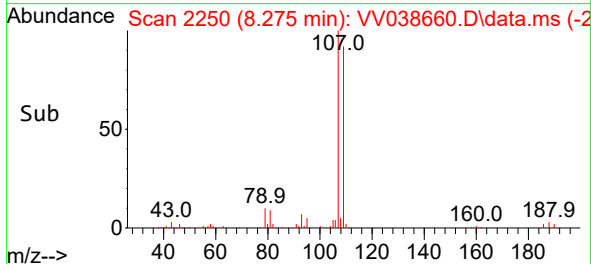
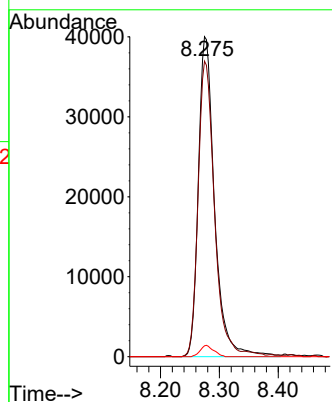
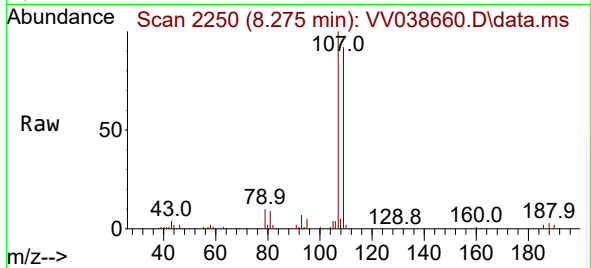




#50
1,2-Dibromoethane
Concen: 5.08 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

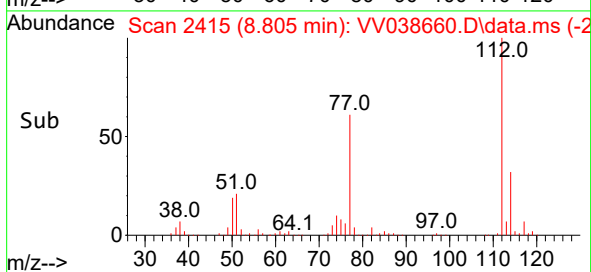
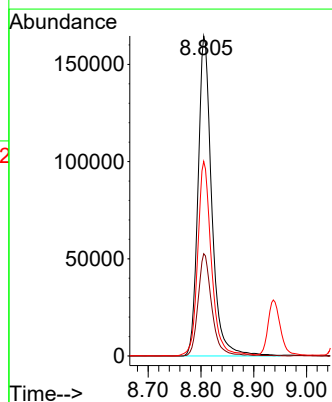
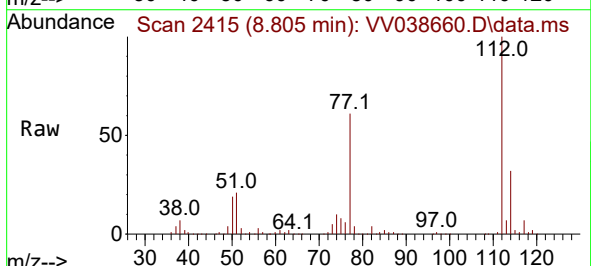
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

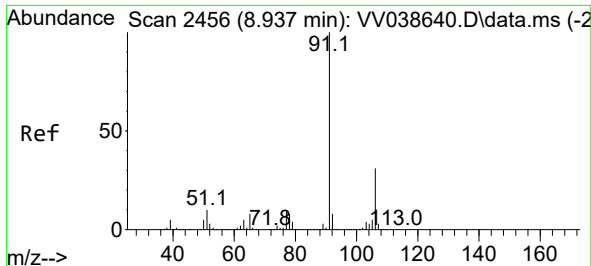
Tgt Ion:107 Resp: 76569
Ion Ratio Lower Upper
107 100
109 92.3 70.2 130.4
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 5.15 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:112 Resp: 296491
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 60.8 47.0 70.6

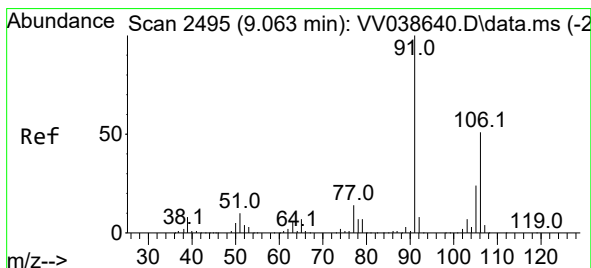
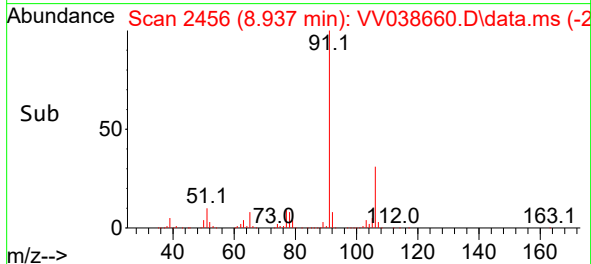
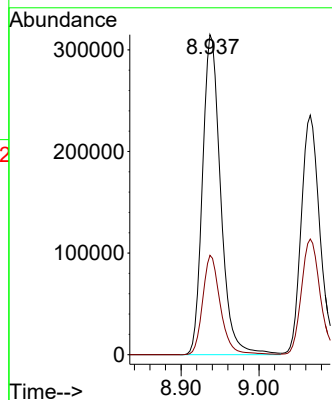
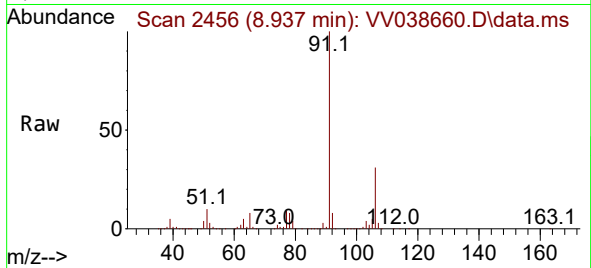




#52
Ethylbenzene
Concen: 5.49 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

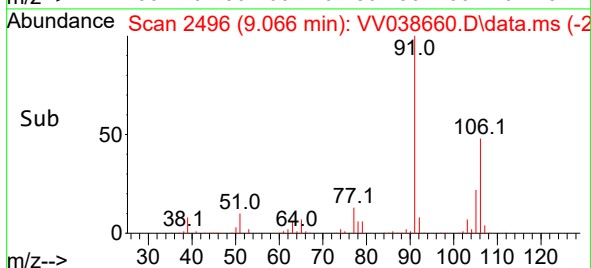
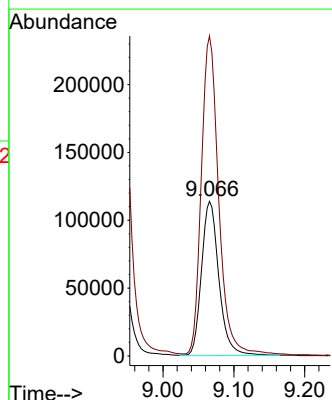
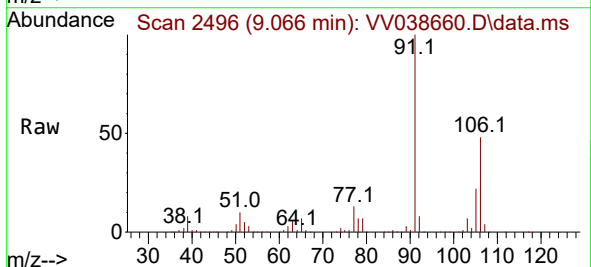
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

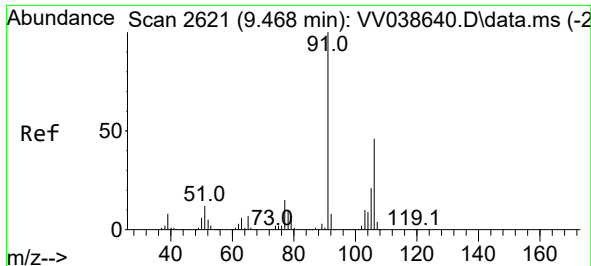
Tgt Ion: 91 Resp: 510065
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.6



#53
m,p-Xylene
Concen: 5.66 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 106 Resp: 193566
Ion Ratio Lower Upper
106 100
91 207.0 146.3 271.7

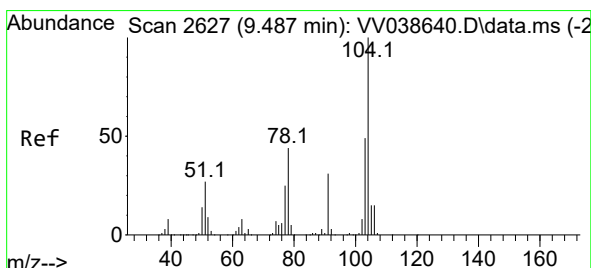
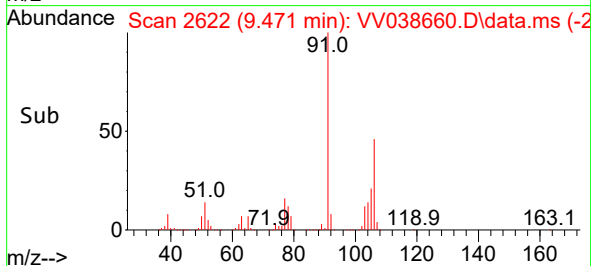
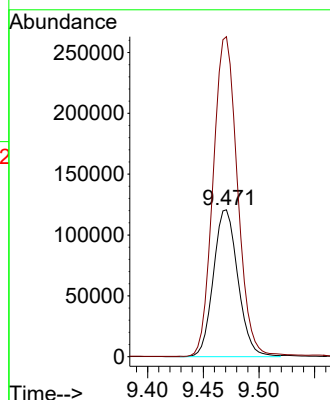
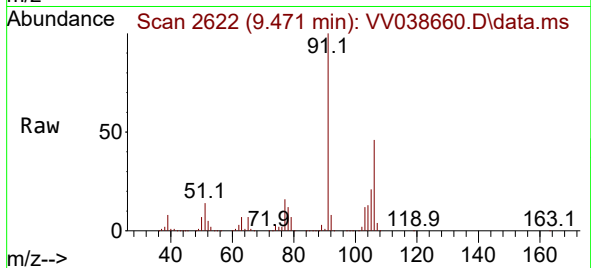




#54
o-Xylene
Concen: 5.53 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

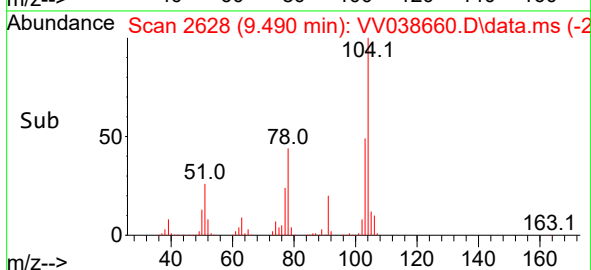
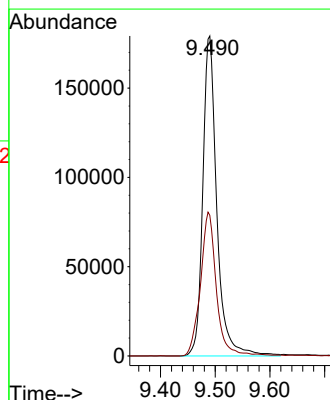
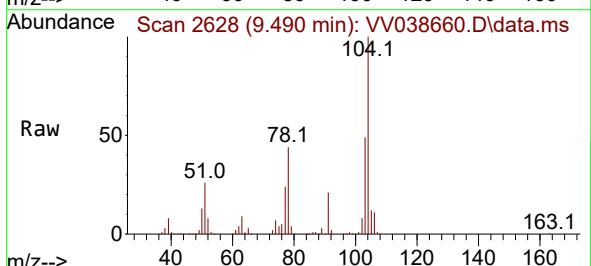
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

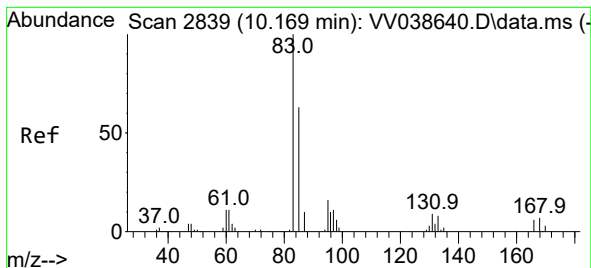
Tgt Ion:106 Resp: 184817
Ion Ratio Lower Upper
106 100
91 217.8 150.8 280.0



#55
Styrene
Concen: 5.65 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:104 Resp: 318906
Ion Ratio Lower Upper
104 100
78 43.9 30.5 56.7

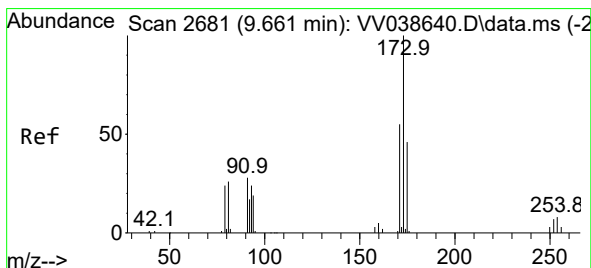
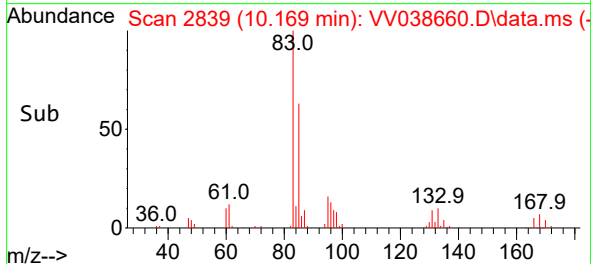
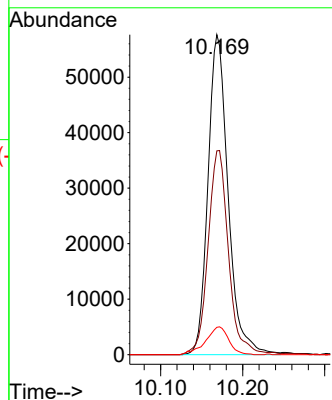
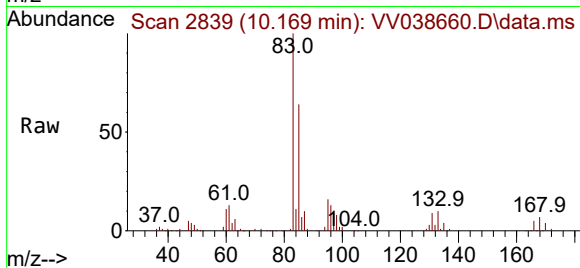




#57
1,1,2,2-Tetrachloroethane
Concen: 4.91 ug/L
RT: 10.169 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

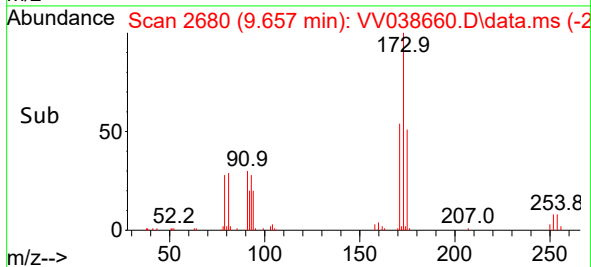
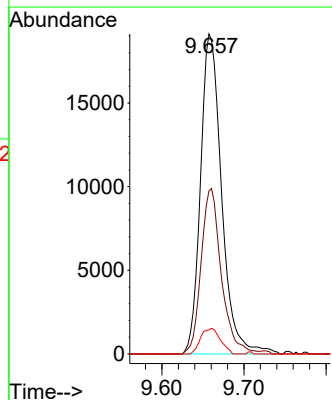
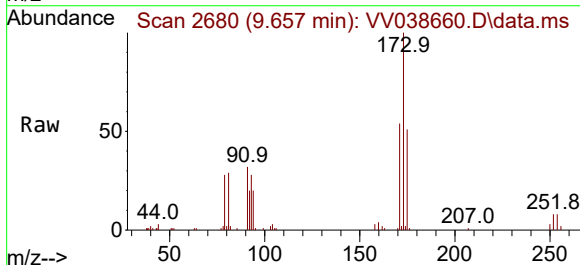
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

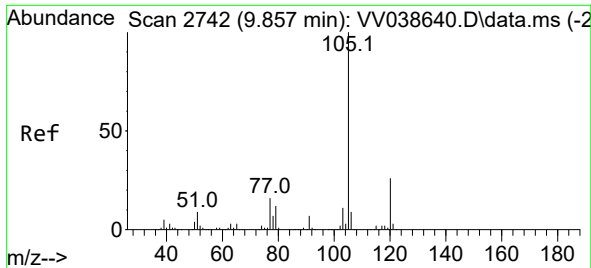
Tgt Ion: 83 Resp: 98503
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.5
131 8.6 8.5 12.7



#59
Bromoform
Concen: 3.98 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 173 Resp: 34192
Ion Ratio Lower Upper
173 100
175 49.5 39.5 59.3
254 7.4 5.7 8.5

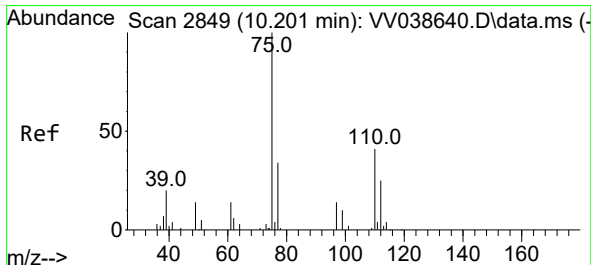
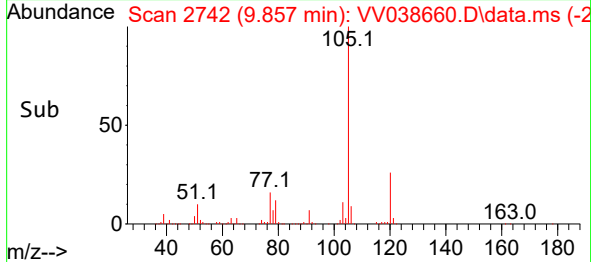
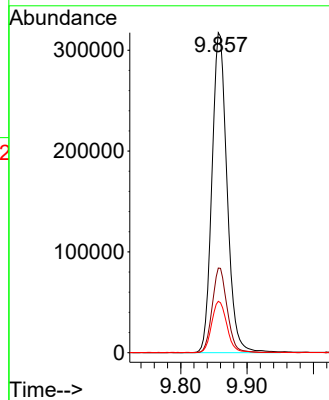
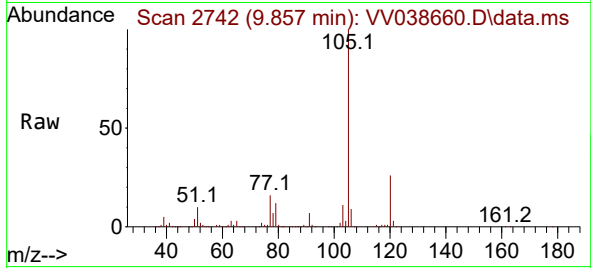




#60
Isopropylbenzene
Concen: 5.92 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

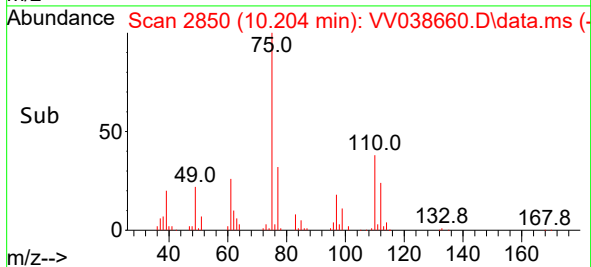
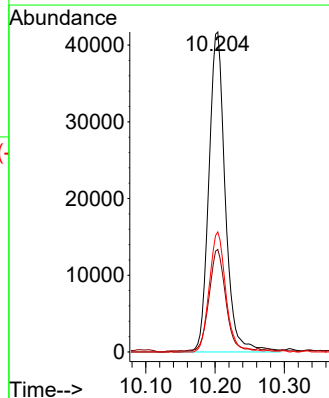
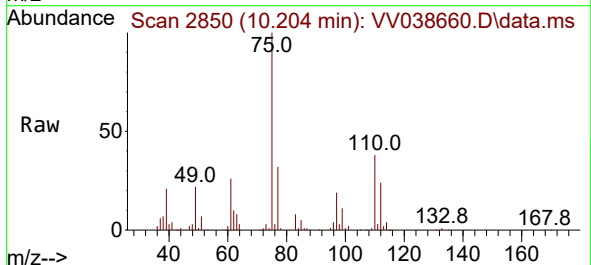
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

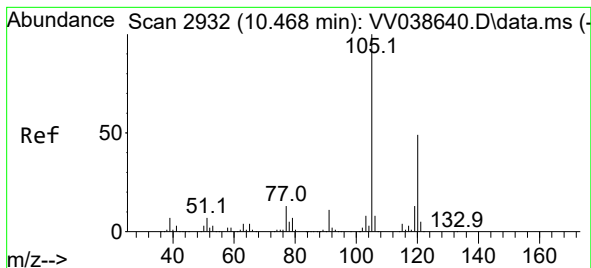
Tgt Ion:105 Resp: 501679
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.16 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion: 75 Resp: 68360
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 37.9 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 5.90 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

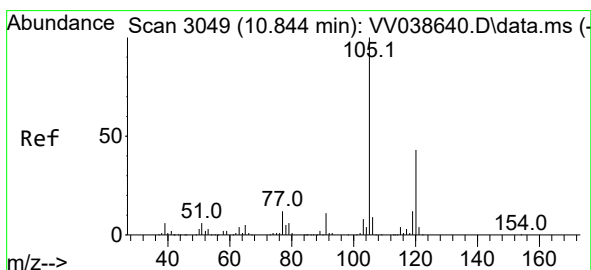
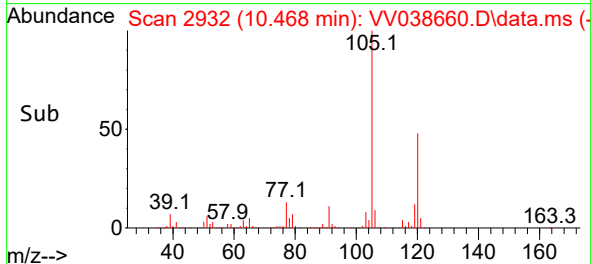
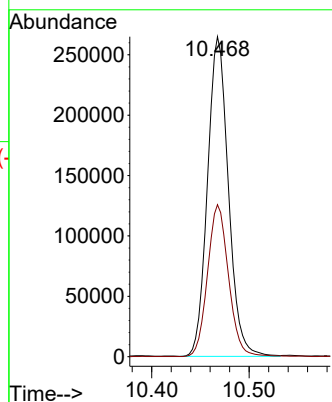
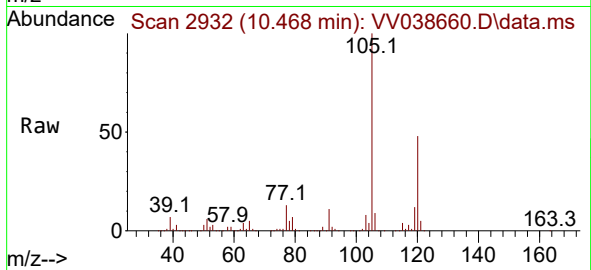
VSTD005341

Tgt Ion:105 Resp: 393986

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 6.05 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038660.D

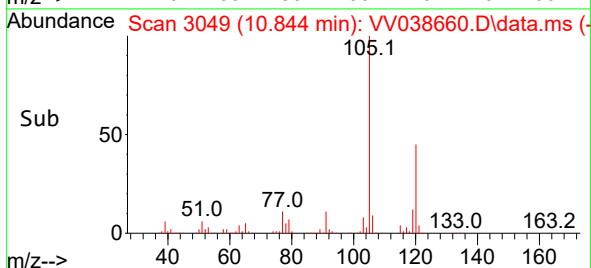
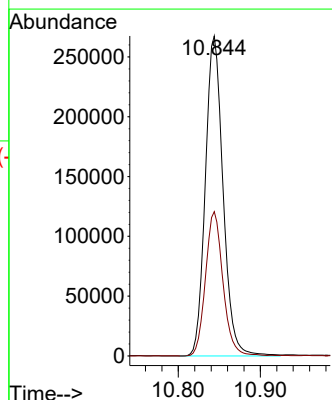
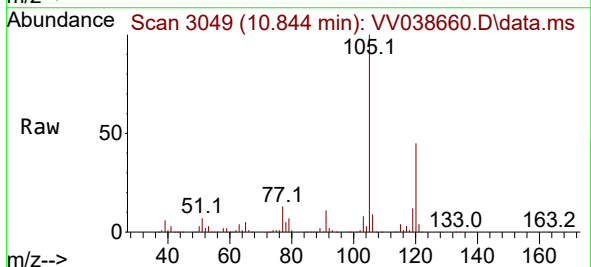
Acq: 07 Feb 2025 21:05

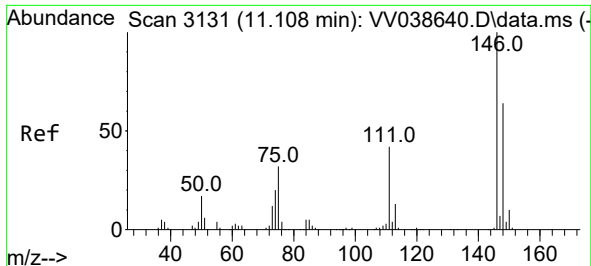
Tgt Ion:105 Resp: 401614

Ion Ratio Lower Upper

105 100

120 44.4 36.2 54.2

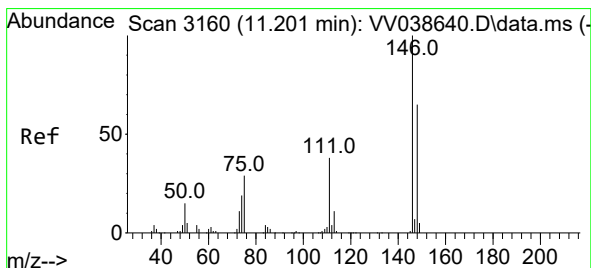
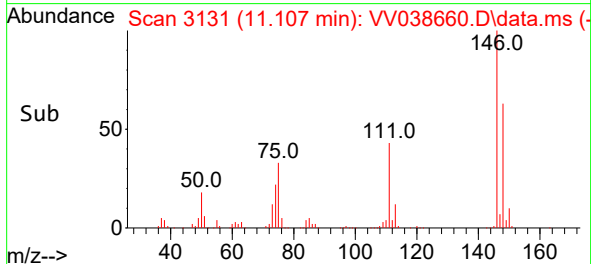
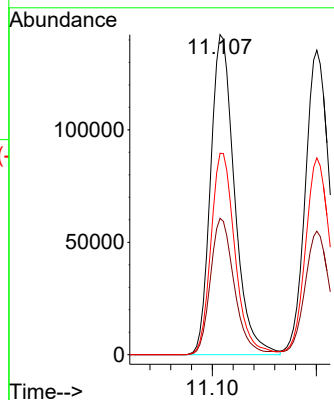
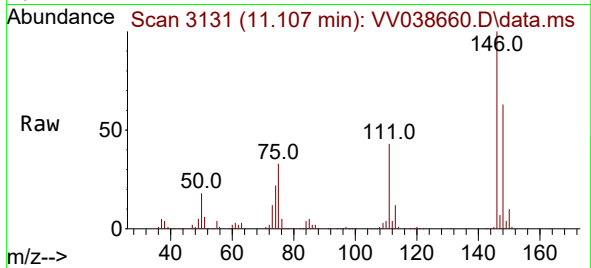




#64
1,3-Dichlorobenzene
Concen: 5.38 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

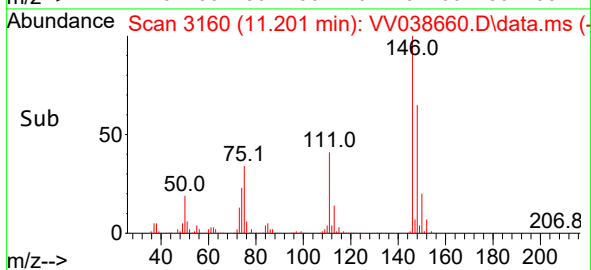
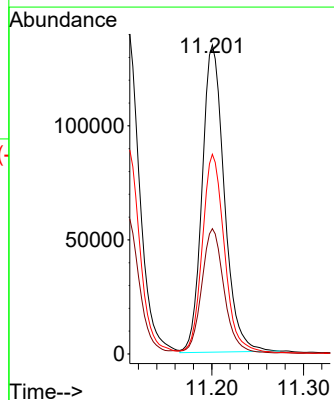
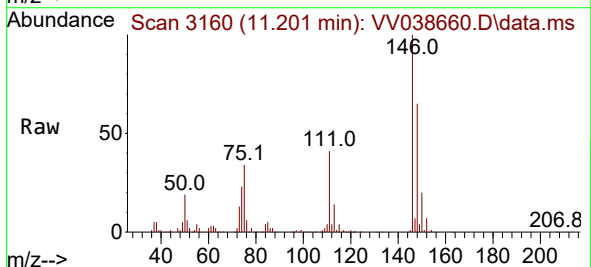
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

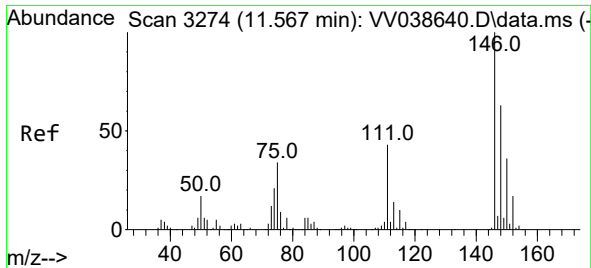
Tgt Ion:146 Resp: 228010
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.9
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:146 Resp: 226456
Ion Ratio Lower Upper
146 100
111 40.6 27.7 51.5
148 64.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 5.19 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

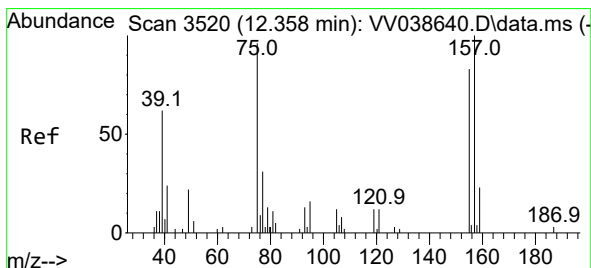
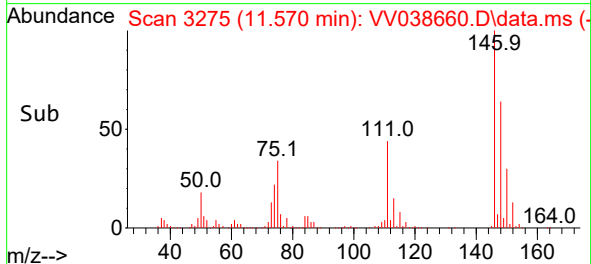
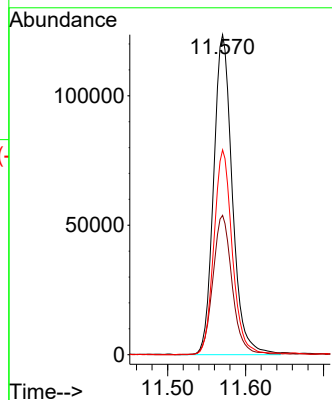
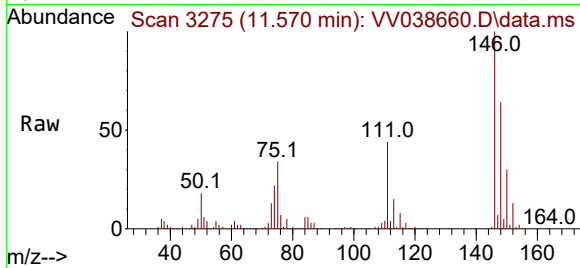
Tgt Ion:146 Resp: 206250

Ion Ratio Lower Upper

146 100

111 43.5 35.4 53.0

148 64.0 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.44 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

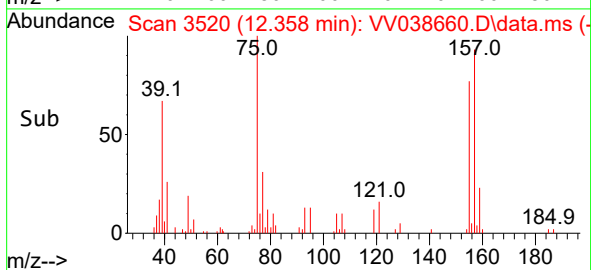
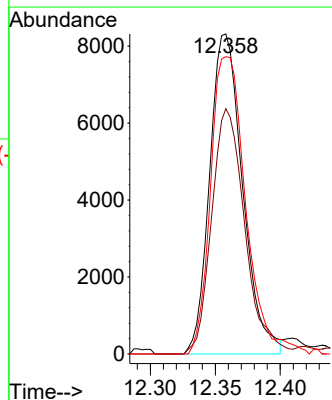
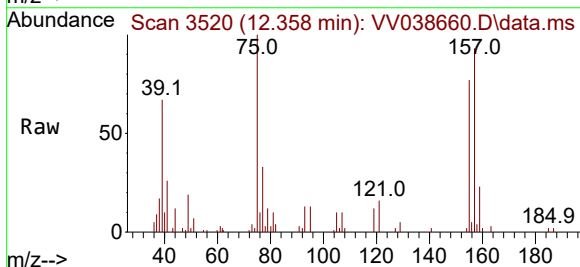
Tgt Ion: 75 Resp: 14665

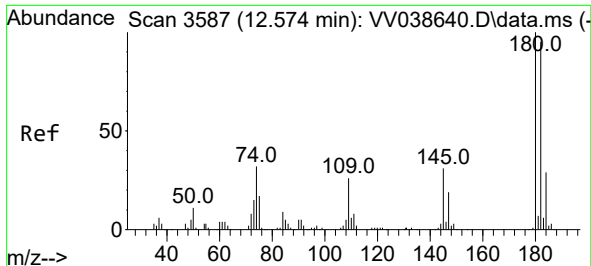
Ion Ratio Lower Upper

75 100

155 76.6 60.3 90.5

157 92.9 76.9 115.3

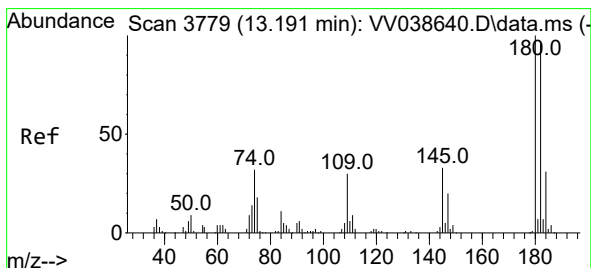
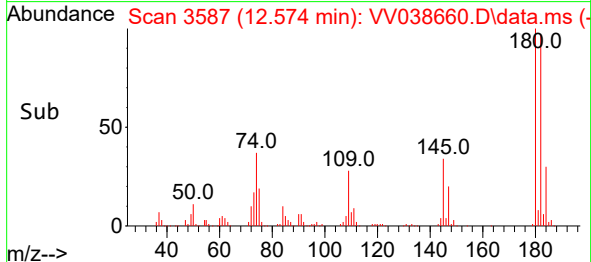
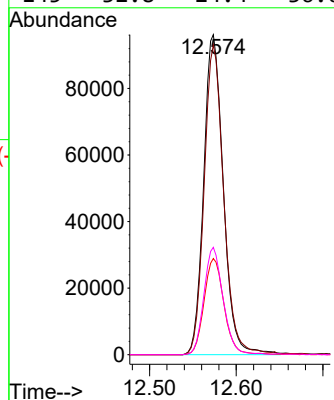
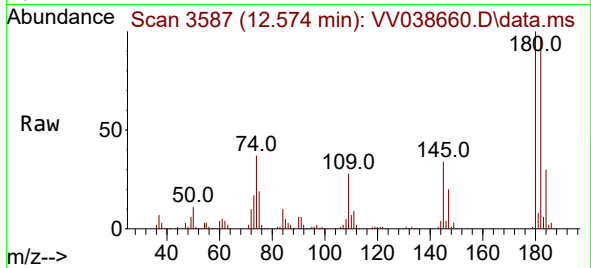




#69
1,3,5-Trichlorobenzene
Concen: 5.46 ug/L
RT: 12.574 min Scan# 3587
Delta R.T. -0.000 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

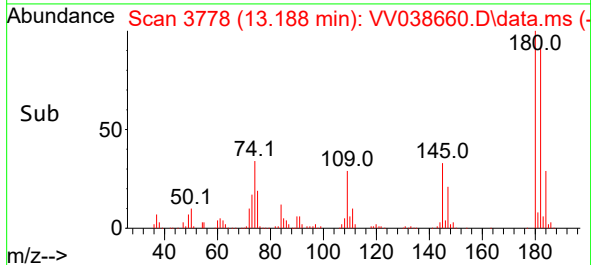
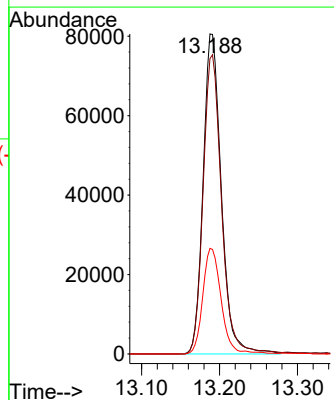
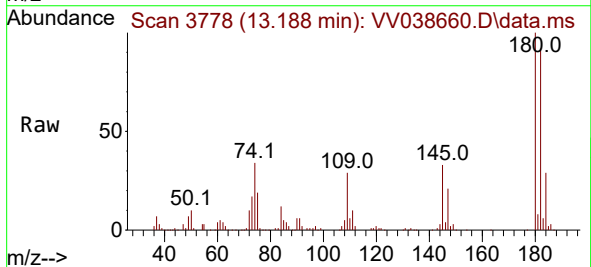
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

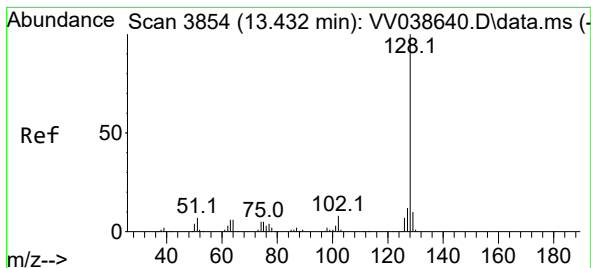
Tgt Ion:180 Resp: 151680
Ion Ratio Lower Upper
180 100
182 96.2 75.6 113.4
184 30.3 24.1 36.1
145 32.8 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 6.22 ug/L
RT: 13.188 min Scan# 3778
Delta R.T. -0.003 min
Lab File: VV038660.D
Acq: 07 Feb 2025 21:05

Tgt Ion:180 Resp: 130751
Ion Ratio Lower Upper
180 100
182 94.6 76.6 115.0
145 33.4 26.0 39.0





#71

Naphthalene

Concen: 6.42 ug/L

RT: 13.432 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

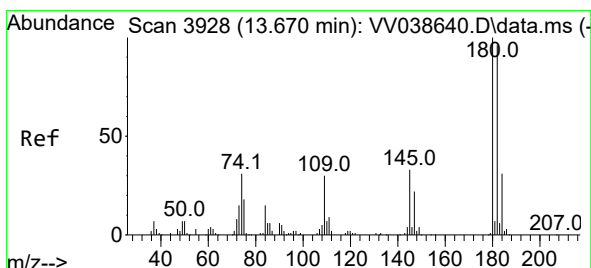
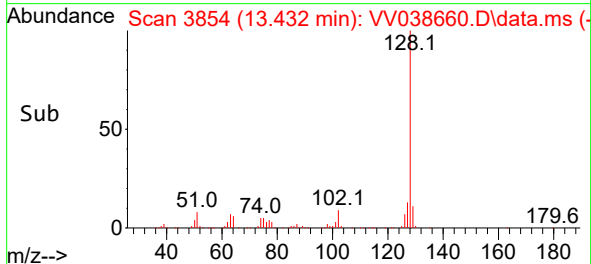
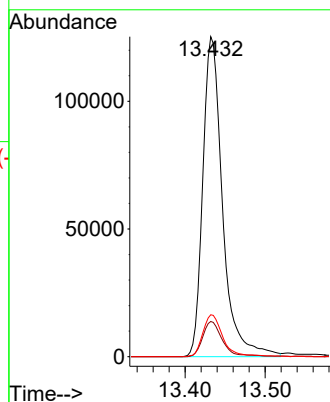
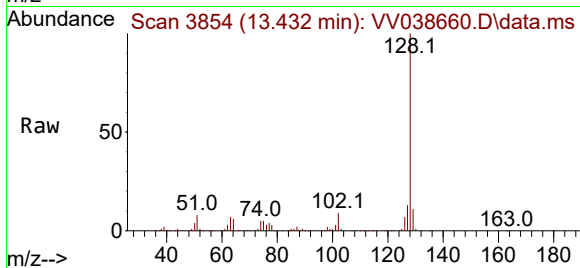
Tgt Ion:128 Resp: 215763

Ion Ratio Lower Upper

128 100

129 11.0 7.6 11.4

127 13.4 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 6.05 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038660.D

Acq: 07 Feb 2025 21:05

Tgt Ion:180 Resp: 117805

Ion Ratio Lower Upper

180 100

182 93.3 76.0 114.0

145 35.8 28.4 42.6

