

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038435.D
 Acq On : 06 Dec 2024 12:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 21:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	240137	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	248862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	135532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87124	4.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.529	69	67063	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.050	65	35829	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.822	46	152798	41.498	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	4.236	84	154476	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	4.937	65	69564	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.950	84	286532	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.982	67	85358	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.233	98	267858	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.551	79	32281	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.024	63	114108	39.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	68952	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	91272	3.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	102657	4.518	ug/L	99
3) Chloromethane	1.211	50	91420	4.673	ug/L	100
5) Vinyl chloride	1.278	62	102569	4.627	ug/L	98
6) Bromomethane	1.484	94	50321	5.822	ug/L	93
8) Chloroethane	1.545	64	64247	4.548	ug/L	99
9) Trichlorofluoromethane	1.709	101	144474	4.579	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	90407	5.021	ug/L	95
12) 1,1-Dichloroethene	2.063	96	80171	4.674	ug/L	90
13) Acetone	2.150	43	147820	54.281	ug/L	99
14) Carbon disulfide	2.233	76	233583	4.228	ug/L	100
15) Methyl Acetate	2.388	43	31995	4.838	ug/L	97
16) Methylene chloride	2.439	84	90551	4.630	ug/L	90
17) Methyl tert-butyl Ether	2.696	73	190218	4.905	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	83826	4.639	ug/L	98
19) 1,1-Dichloroethane	3.101	63	169844	5.178	ug/L	99
21) 2-Butanone	3.899	43	180793	46.257	ug/L	93
22) cis-1,2-Dichloroethene	3.806	96	88925	4.760	ug/L	96
23) Bromochloromethane	4.140	128	43903	4.813	ug/L	97
25) Chloroform	4.265	83	176418	5.028	ug/L	100

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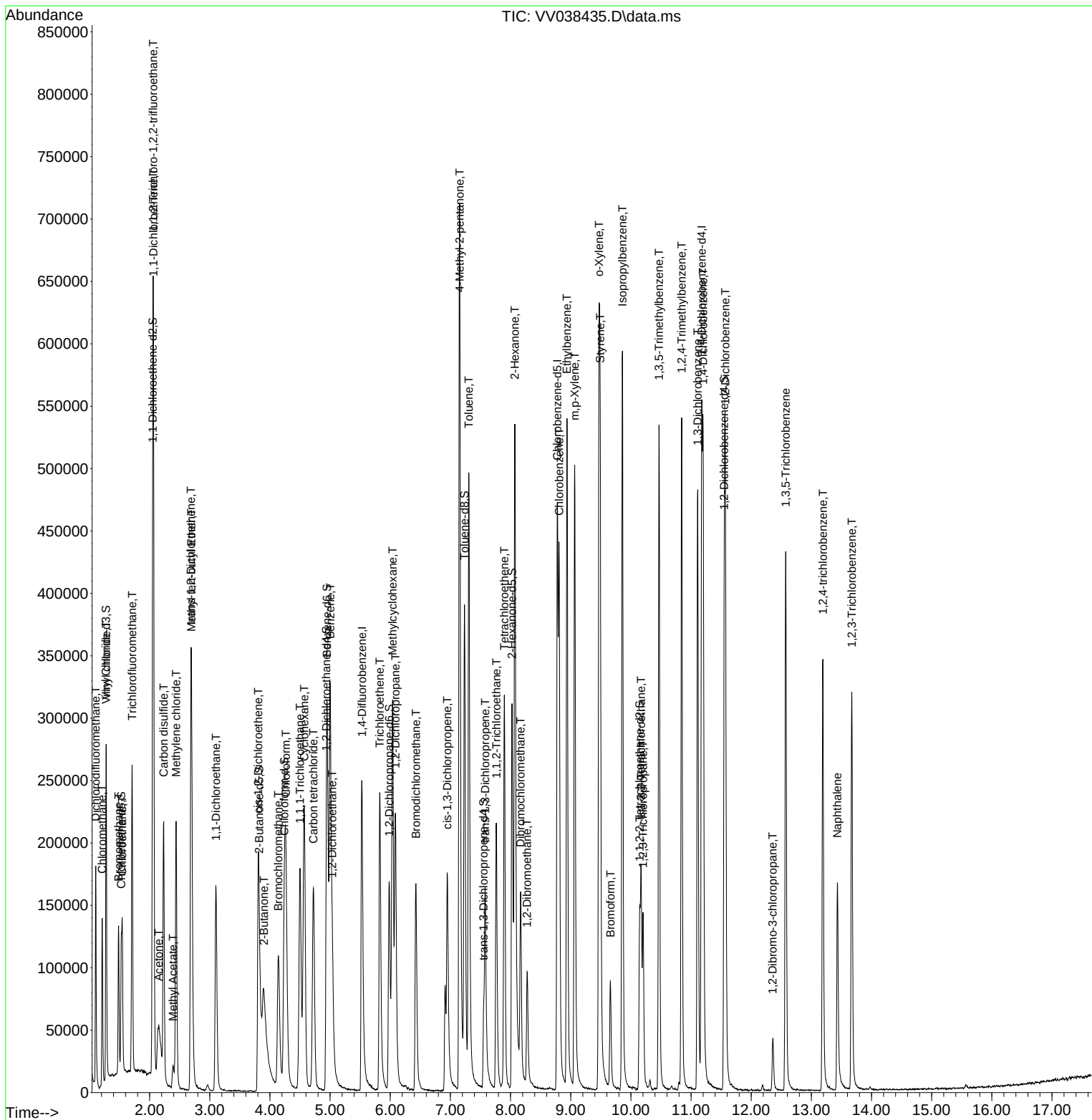
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 MSVOA_V
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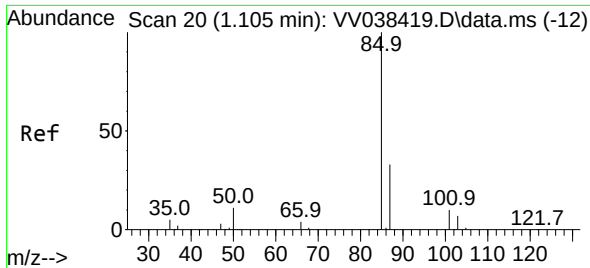
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	98231	5.145	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	148897	4.989	ug/L	98
30) Cyclohexane	4.571	56	115523	4.667	ug/L	97
31) Carbon tetrachloride	4.722	117	129605	4.922	ug/L	97
33) Benzene	5.002	78	351667	5.031	ug/L	100
34) Trichloroethene	5.825	95	95393	5.006	ug/L	99
35) Methylcyclohexane	6.040	83	124110	4.604	ug/L	96
37) 1,2-Dichloropropane	6.085	63	91493	5.225	ug/L	99
38) Bromodichloromethane	6.426	83	120839	5.134	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	123691	5.060	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	504276	55.026	ug/L	97
42) Toluene	7.307	91	383491	5.180	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	106643	5.165	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	71731	5.051	ug/L	99
47) Tetrachloroethene	7.896	164	71533	4.672	ug/L	98
48) 2-Hexanone	8.072	43	369896	55.660	ug/L	98
49) Dibromochloromethane	8.169	129	77431	5.001	ug/L	98
50) 1,2-Dibromoethane	8.275	107	66193	5.028	ug/L	99
51) Chlorobenzene	8.809	112	247370	4.850	ug/L	100
52) Ethylbenzene	8.937	91	382091	4.865	ug/L	98
53) m,p-Xylene	9.066	106	153226	5.170	ug/L	99
54) o-Xylene	9.471	106	141978	4.921	ug/L	91
55) Styrene	9.490	104	256987	5.053	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	85510	5.150	ug/L	98
59) Bromoform	9.661	173	40145	5.090	ug/L	100
60) Isopropylbenzene	9.860	105	382159	4.896	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	59541	5.131	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	285616	4.611	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	289885	4.693	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	201199	4.800	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	203664	4.806	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	185194	4.774	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	12023	4.616	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	134648	4.535	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	108923	4.438	ug/L	97
71) Naphthalene	13.432	128	154220	4.039	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	99682	4.396	ug/L	99

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

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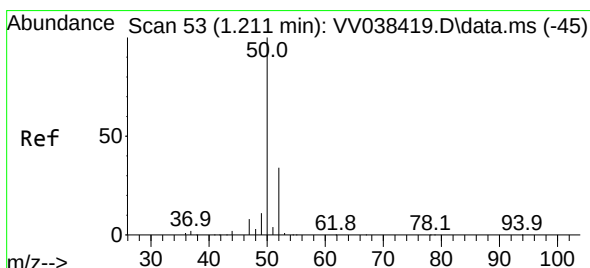
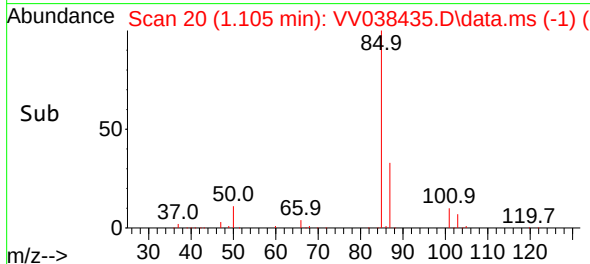
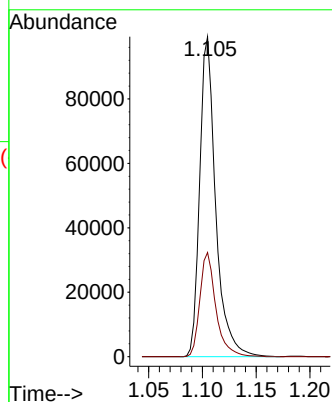
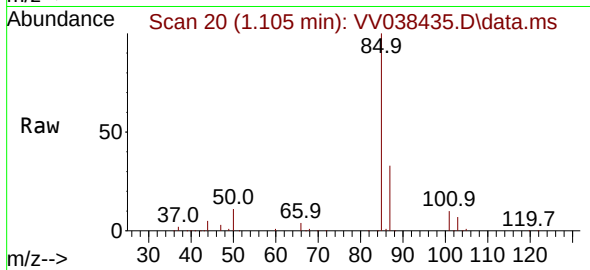




#2
 Dichlorodifluoromethane
 Concen: 4.518 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

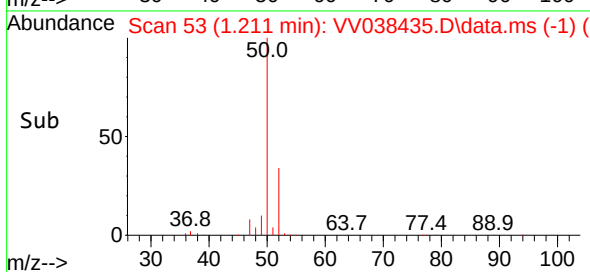
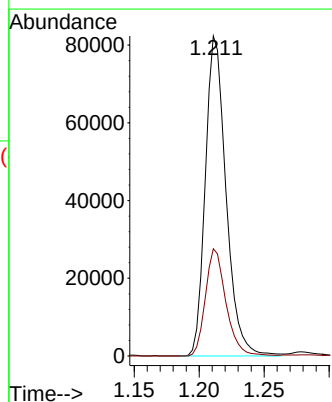
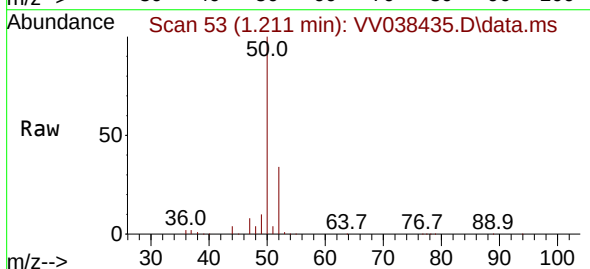
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 MSVOA_V
 ClientSampleId :

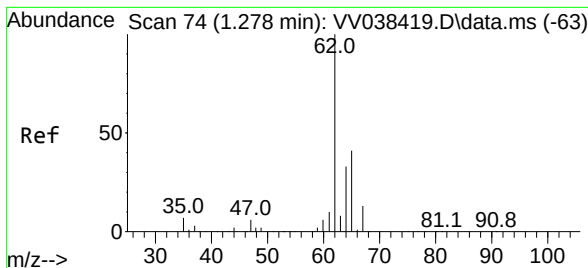
Tgt Ion: 85 Resp: 102657
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.5 39.7



#3
 Chloromethane
 Concen: 4.673 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

Tgt Ion: 50 Resp: 91420
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.5 43.7

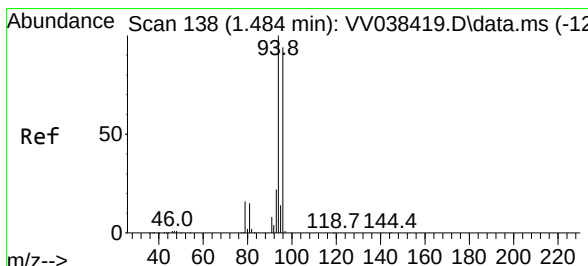
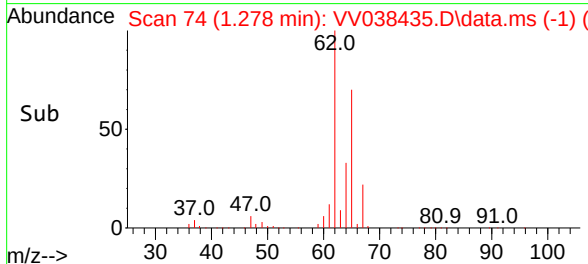
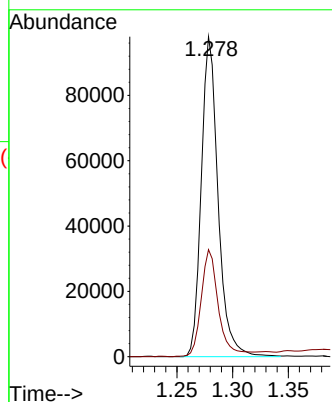
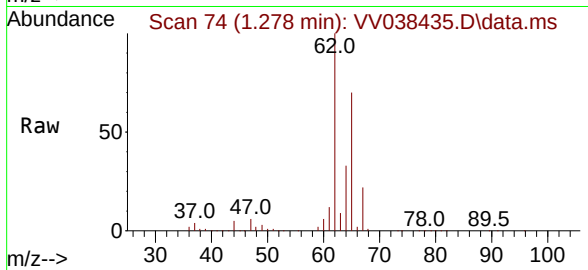




#5
 Vinyl chloride
 Concen: 4.627 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

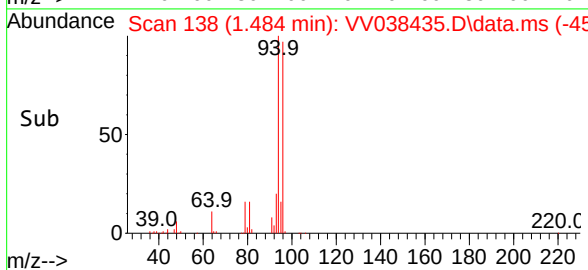
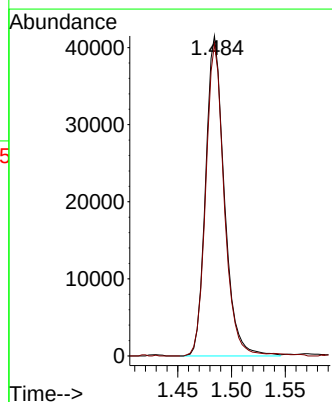
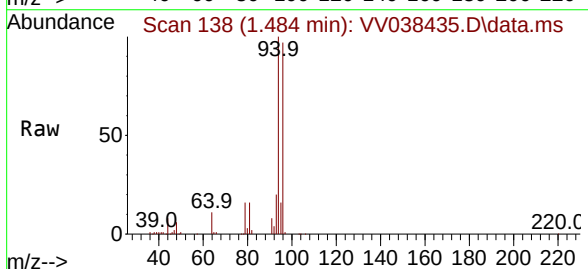
Instrument :
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 ClientSampleId :

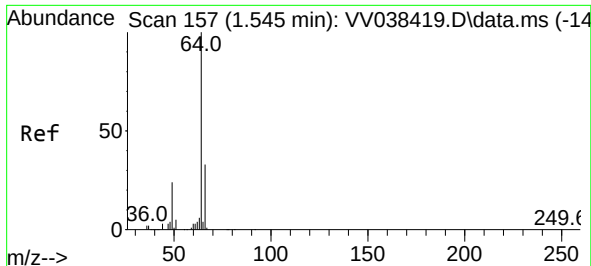
Tgt Ion: 62 Resp: 102569
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.4 45.4



#6
 Bromomethane
 Concen: 5.822 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

Tgt Ion: 94 Resp: 50321
 Ion Ratio Lower Upper
 94 100
 96 97.5 63.7 118.3

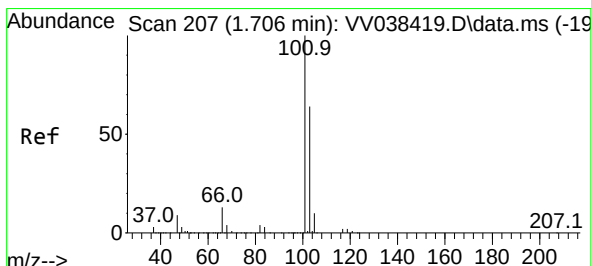
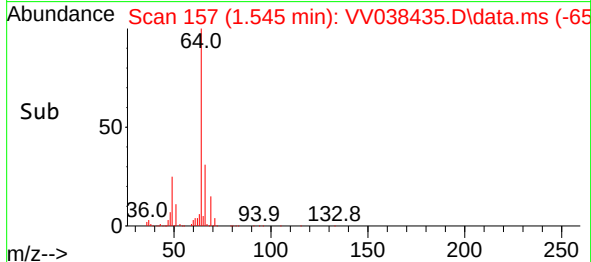
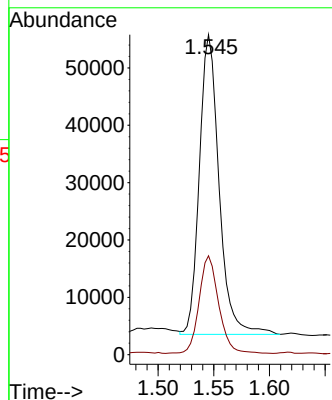
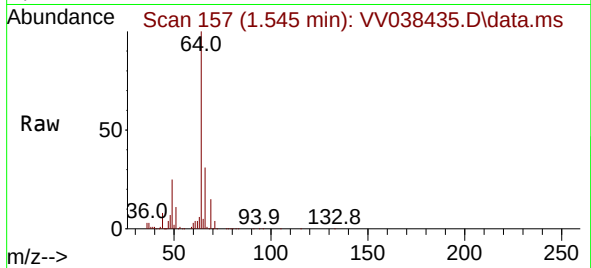




#8
Chloroethane
Concen: 4.548 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

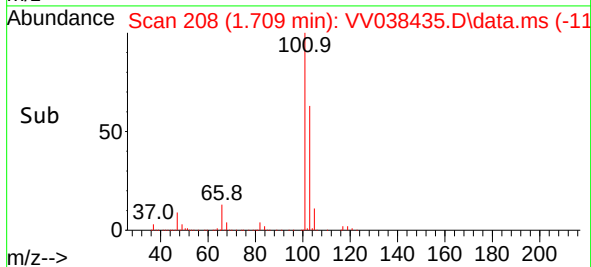
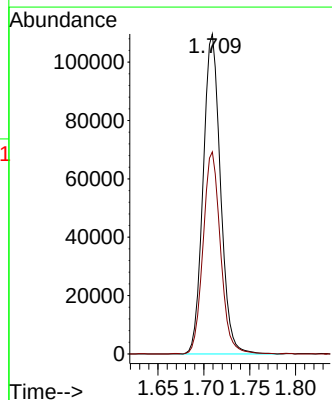
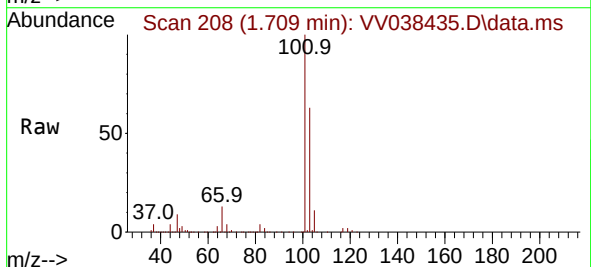
Instrument :
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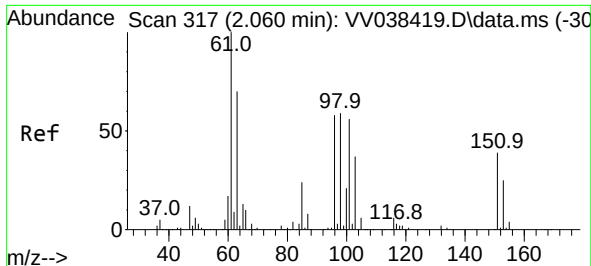
Tgt Ion: 64 Resp: 64247
Ion Ratio Lower Upper
64 100
66 30.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.579 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

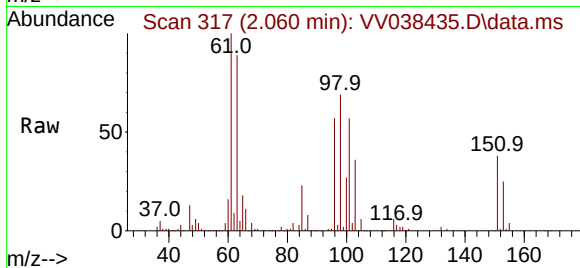
Tgt Ion:101 Resp: 144474
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3



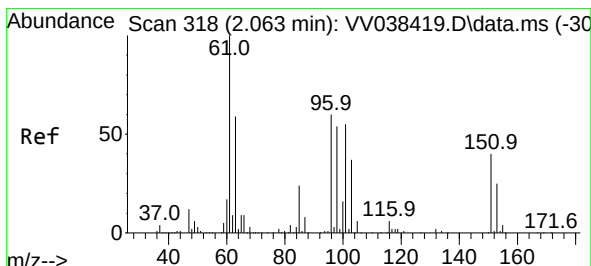
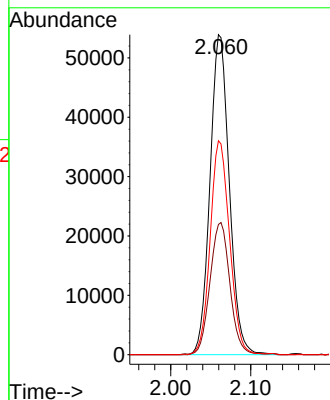
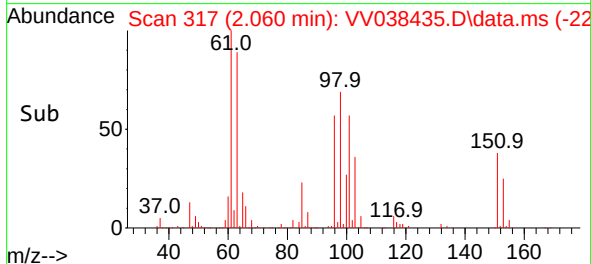


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.021 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

Instrument :
 MSVOA_V
 ClientSampleId :

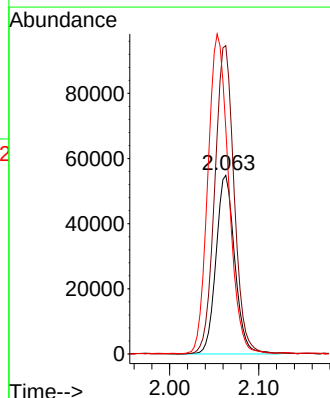
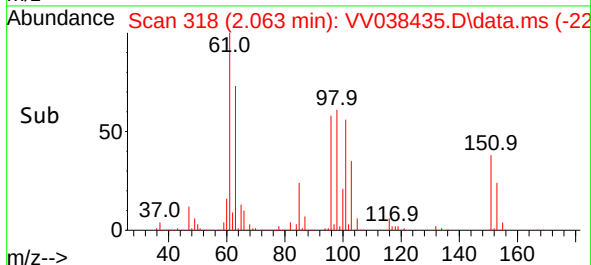
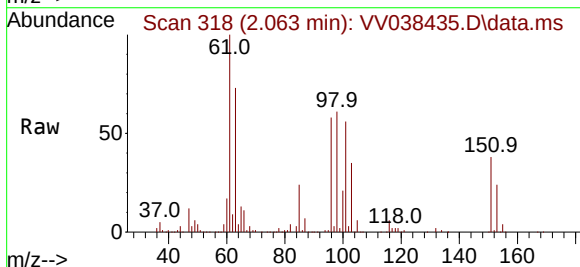


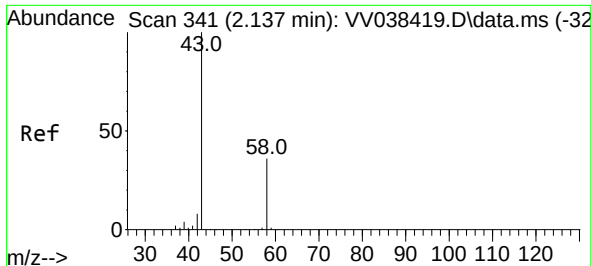
Tgt Ion:101 Resp: 90407
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.4 50.0
 151 67.1 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.674 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

Tgt Ion: 96 Resp: 80171
 Ion Ratio Lower Upper
 96 100
 61 172.7 115.7 214.9
 63 126.2 101.1 187.7





#13

Acetone

Concen: 54.281 ug/L

RT: 2.150 min Scan# 341

Delta R.T. 0.016 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

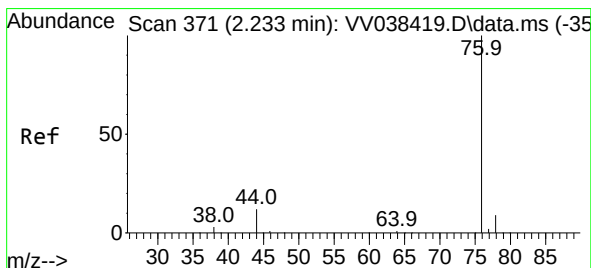
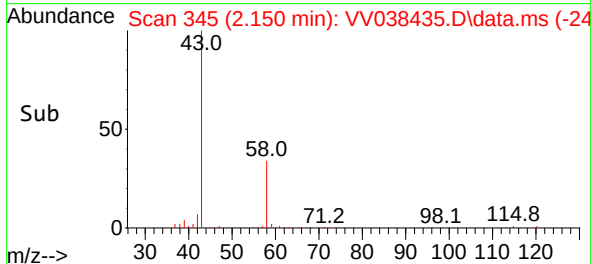
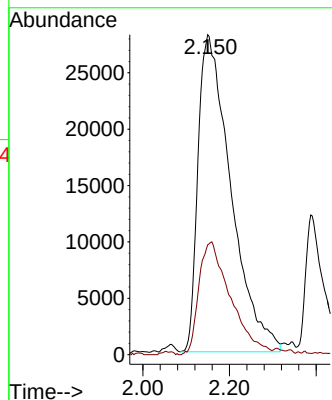
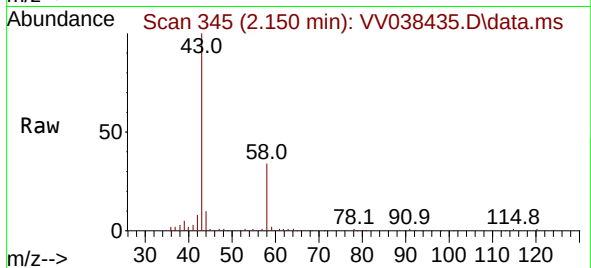
ClientSampleId :

Tgt Ion: 43 Resp: 147820

Ion Ratio Lower Upper

43 100

58 34.4 0.0 67.2



#14

Carbon disulfide

Concen: 4.228 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038435.D

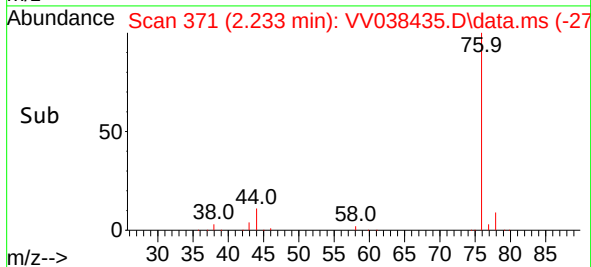
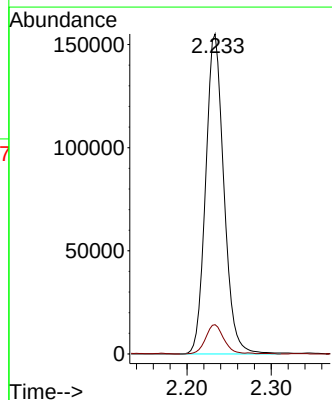
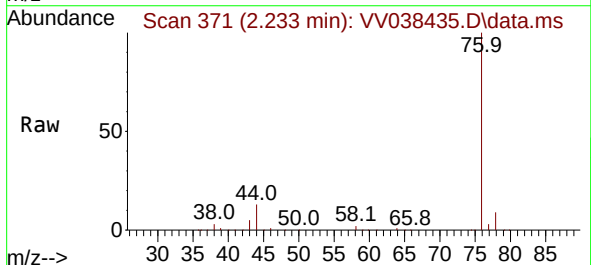
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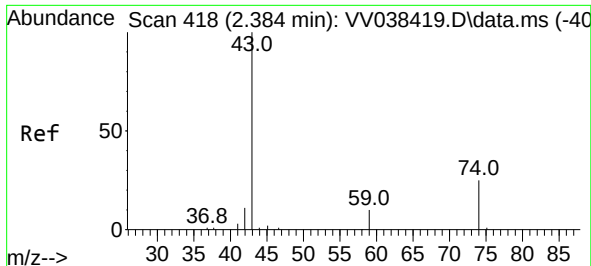
Tgt Ion: 76 Resp: 233583

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

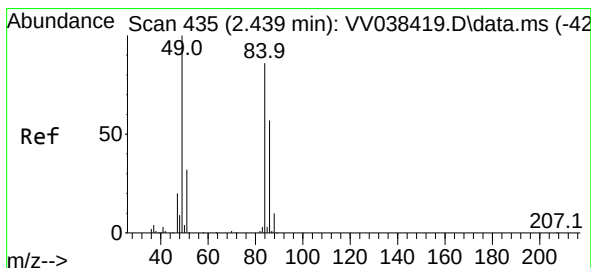
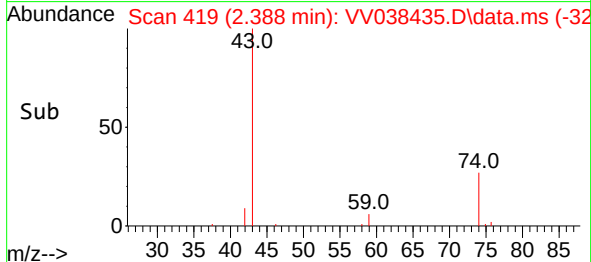
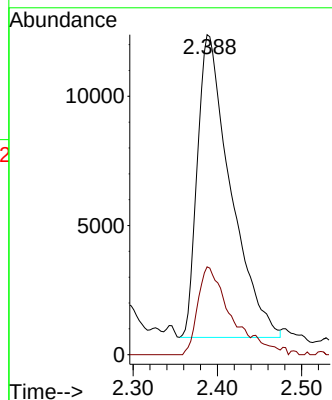
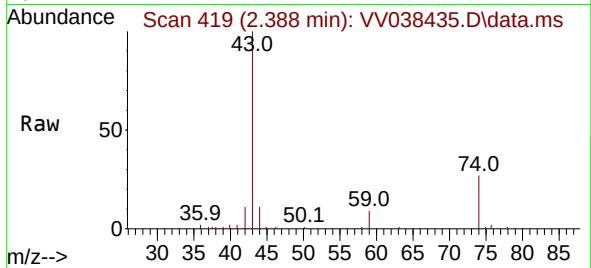




#15
Methyl Acetate
Concen: 4.838 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

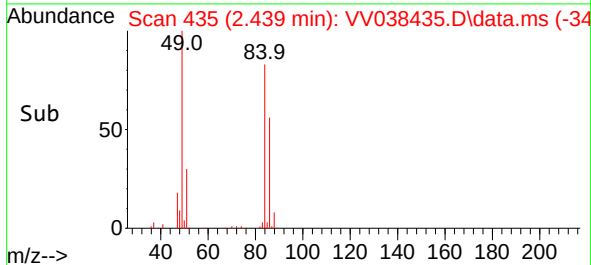
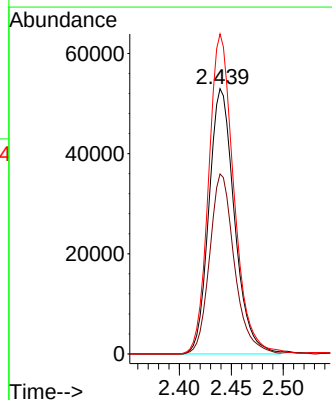
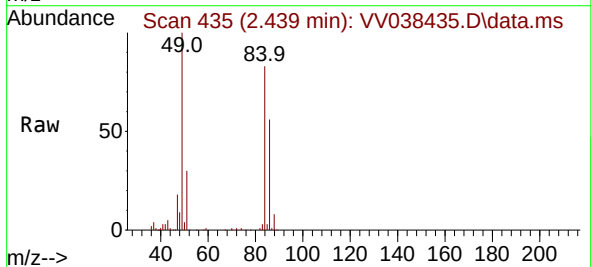
Instrument :
MSVOA_V
ClientSampleId :

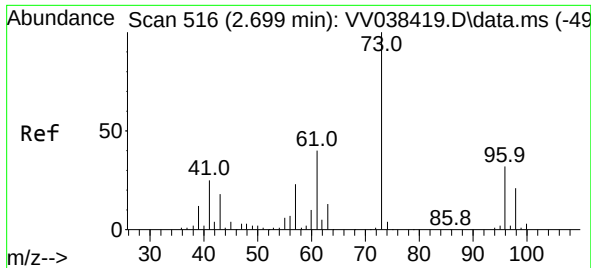
Tgt Ion: 43 Resp: 31995
Ion Ratio Lower Upper
43 100
74 26.4 22.4 33.6



#16
Methylene chloride
Concen: 4.630 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

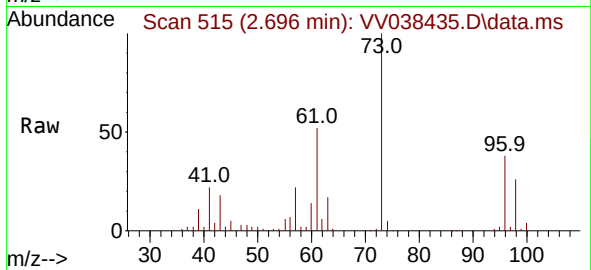
Tgt Ion: 84 Resp: 90551
Ion Ratio Lower Upper
84 100
86 67.8 44.2 82.2
49 120.6 74.9 139.1



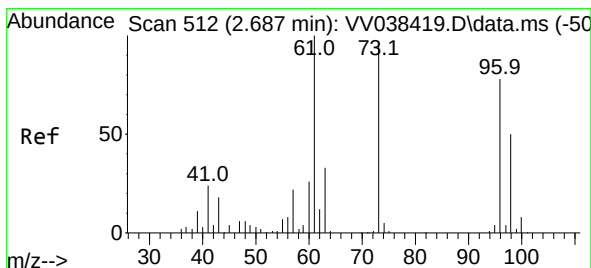
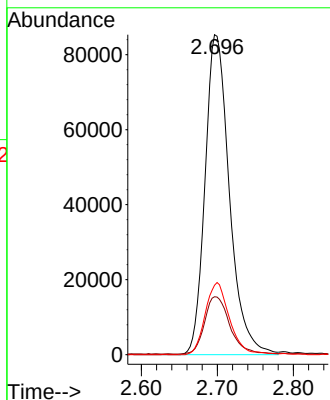
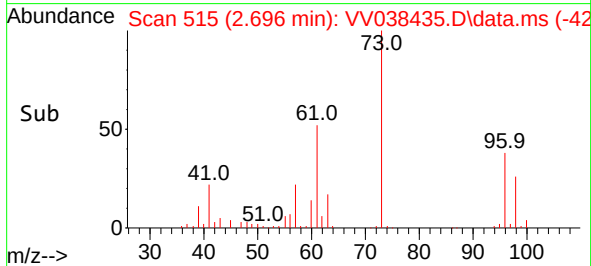


#17
Methyl tert-butyl Ether
Concen: 4.905 ug/L
RT: 2.696 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Instrument :
MSVOA_V
ClientSampleId :

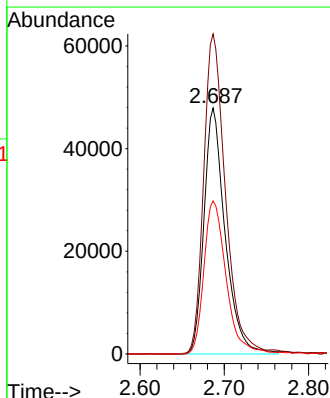
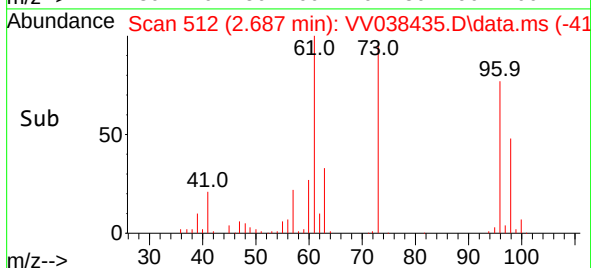
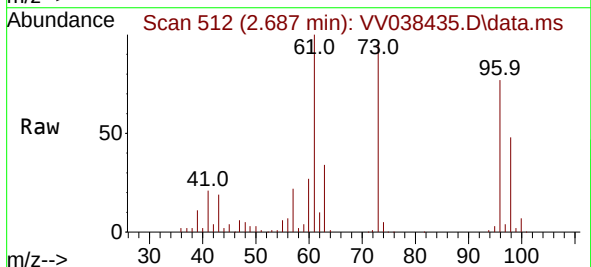


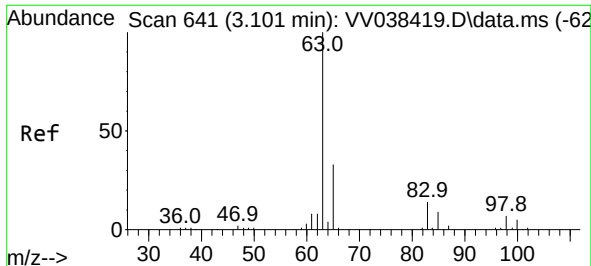
Tgt Ion: 73 Resp: 190218
Ion Ratio Lower Upper
73 100
43 18.5 14.2 21.2
57 22.4 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.639 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

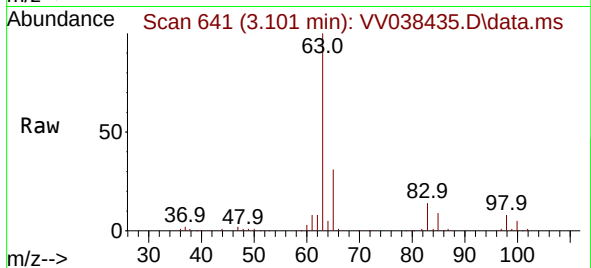
Tgt Ion: 96 Resp: 83826
Ion Ratio Lower Upper
96 100
61 130.1 88.5 164.4
98 62.2 43.9 81.5



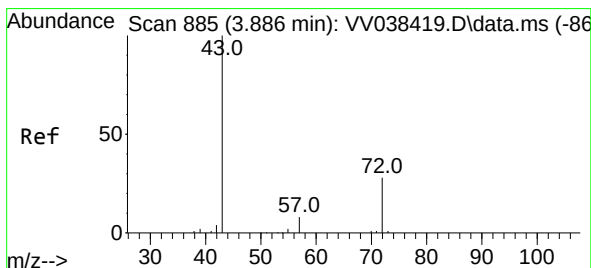
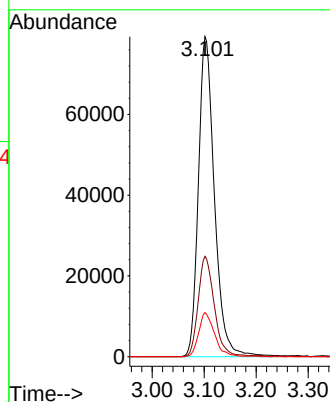
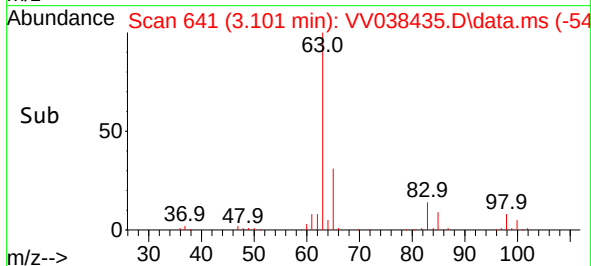


#19
1,1-Dichloroethane
Concen: 5.178 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Instrument :
MSVOA_V
ClientSampleId :

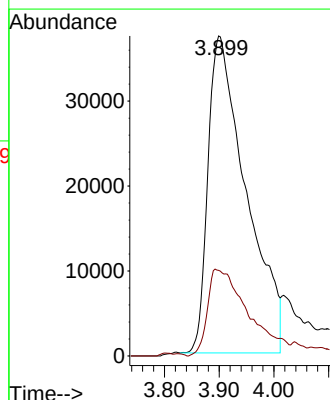
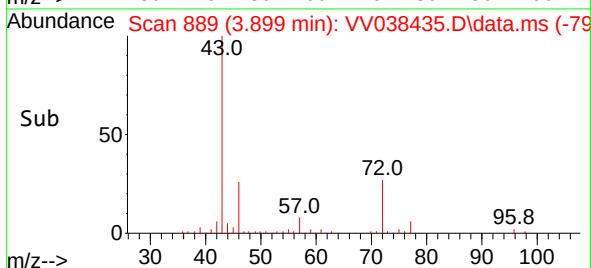
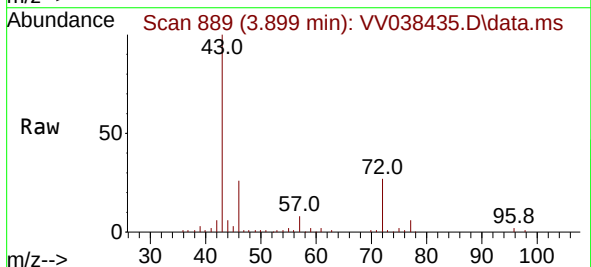


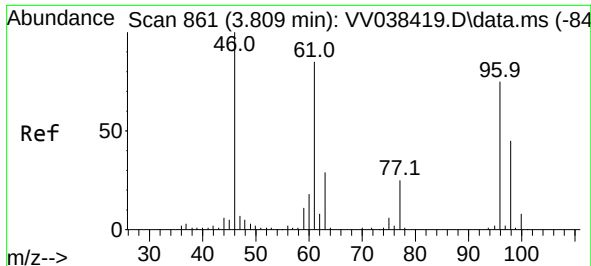
Tgt Ion: 63 Resp: 169844
Ion Ratio Lower Upper
63 100
65 31.3 22.5 41.7
83 13.8 10.1 18.9



#21
2-Butanone
Concen: 46.257 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.016 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion: 43 Resp: 180793
Ion Ratio Lower Upper
43 100
72 29.5 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.760 ug/L

RT: 3.806 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

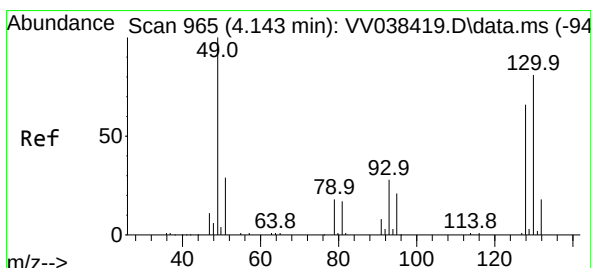
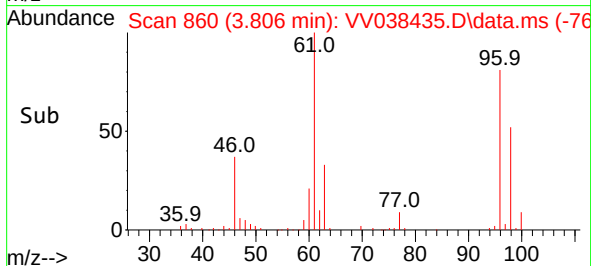
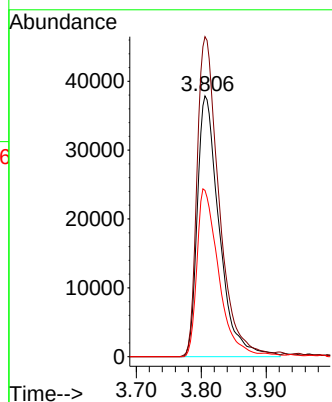
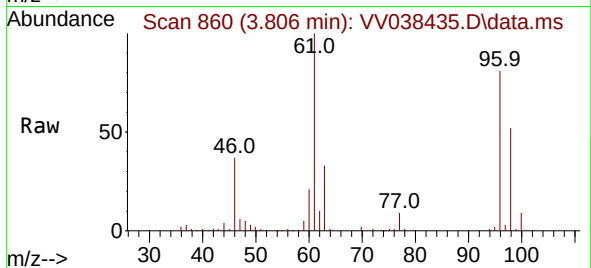
Tgt Ion: 96 Resp: 88925

Ion Ratio Lower Upper

96 100

61 122.7 82.7 153.5

98 63.8 46.3 85.9



#23

Bromochloromethane

Concen: 4.813 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Tgt Ion: 128 Resp: 43903

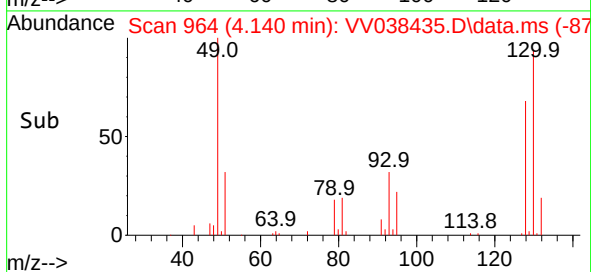
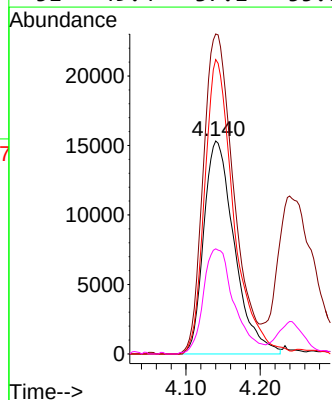
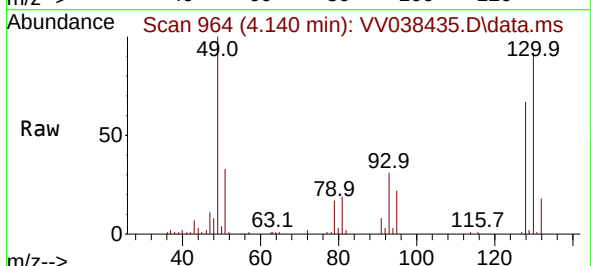
Ion Ratio Lower Upper

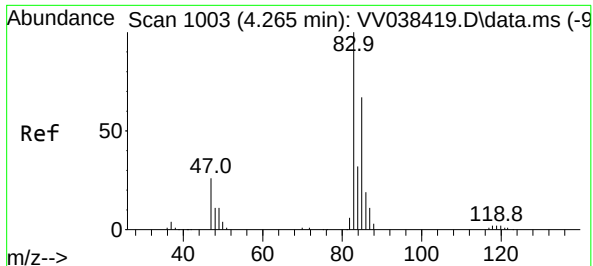
128 100

49 150.2 102.8 190.8

130 138.2 93.6 173.8

51 49.4 37.1 55.7





#25

Chloroform

Concen: 5.028 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

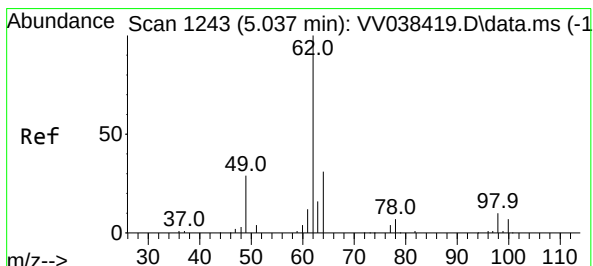
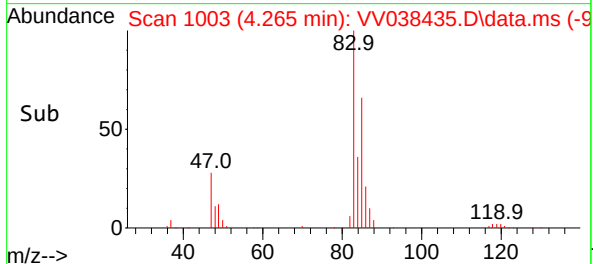
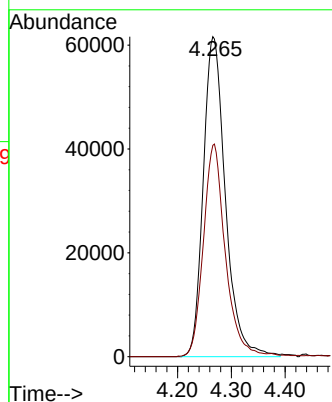
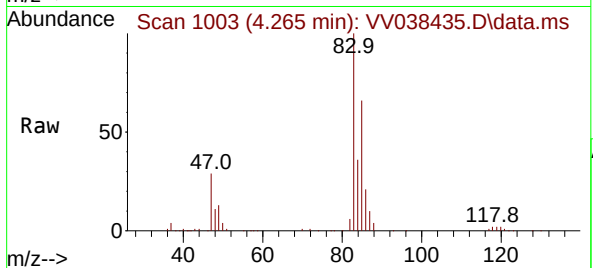
ClientSampleId :

Tgt Ion: 83 Resp: 176418

Ion Ratio Lower Upper

83 100

85 66.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.145 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038435.D

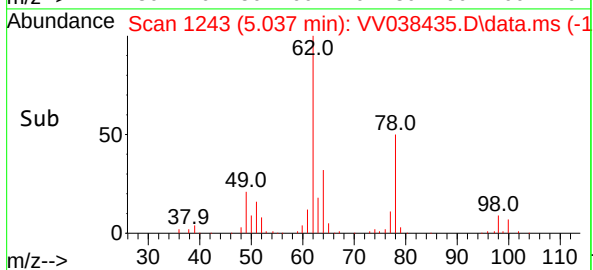
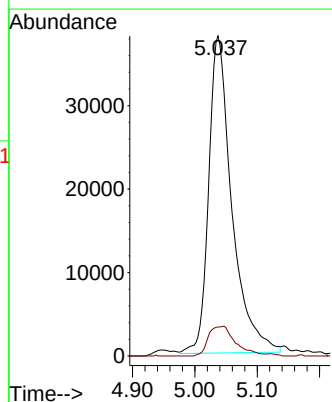
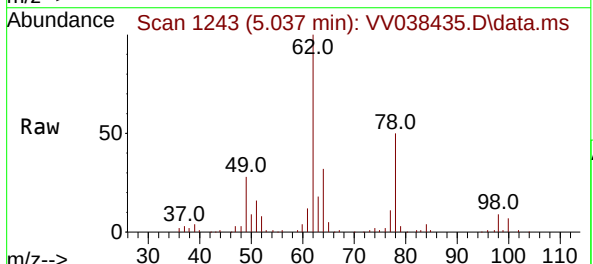
Acq: 06 Dec 2024 12:54

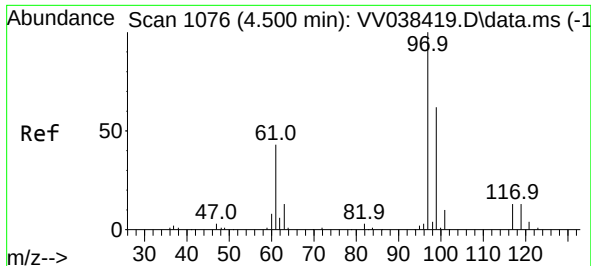
Tgt Ion: 62 Resp: 98231

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.989 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

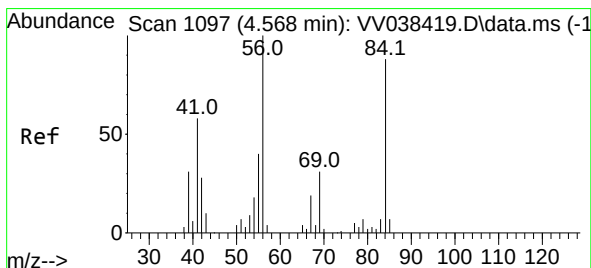
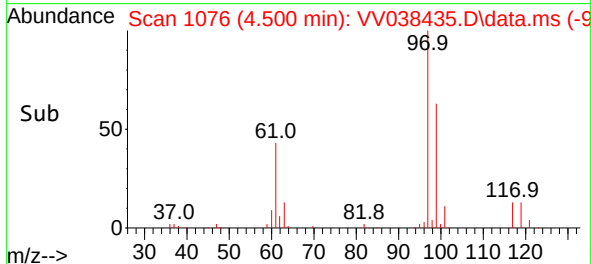
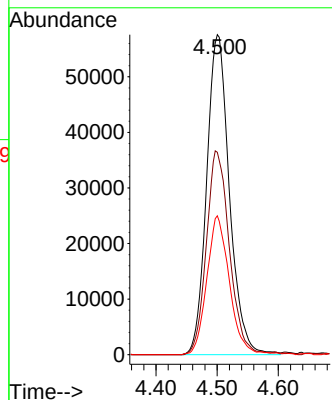
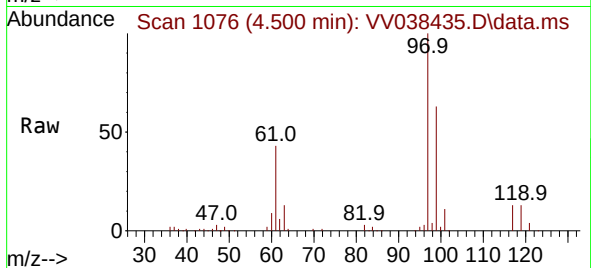
Tgt Ion: 97 Resp: 148897

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 43.1 32.2 48.2



#30

Cyclohexane

Concen: 4.667 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

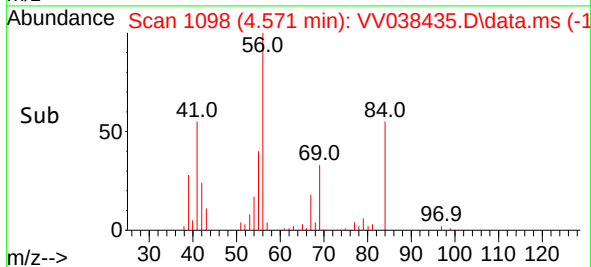
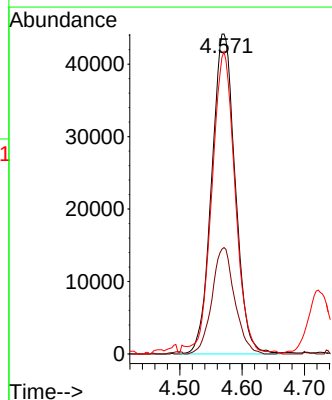
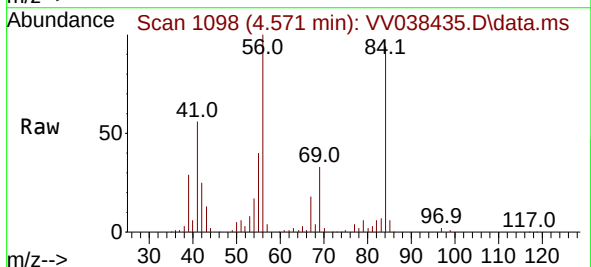
Tgt Ion: 56 Resp: 115523

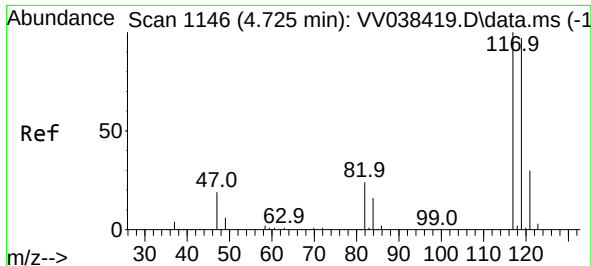
Ion Ratio Lower Upper

56 100

69 32.2 26.0 39.0

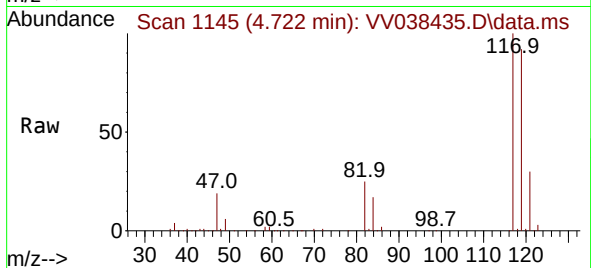
84 91.0 75.6 113.4



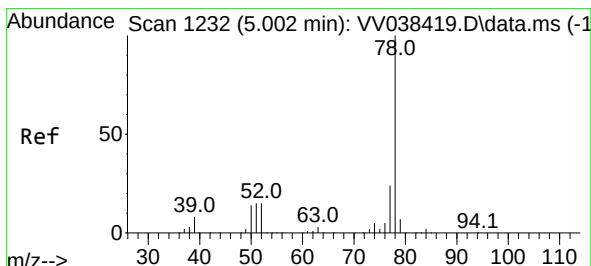
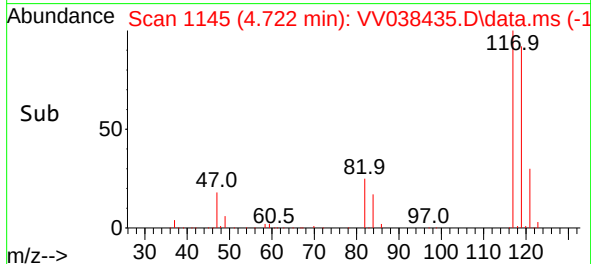
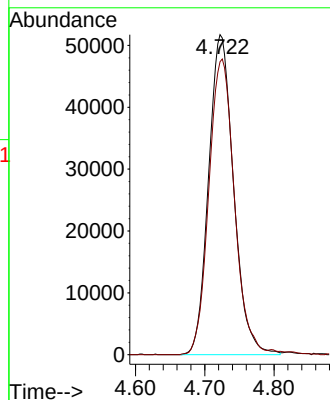


#31
Carbon tetrachloride
Concen: 4.922 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Instrument :
MSVOA_V
ClientSampleId :

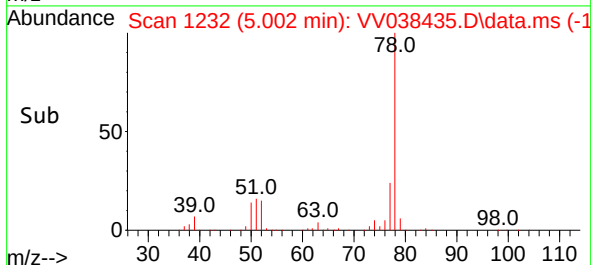
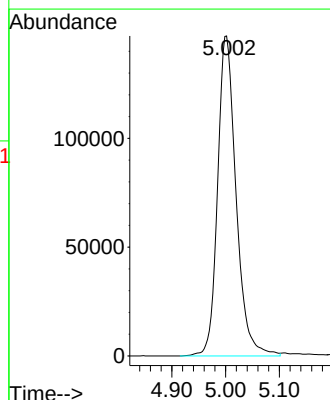
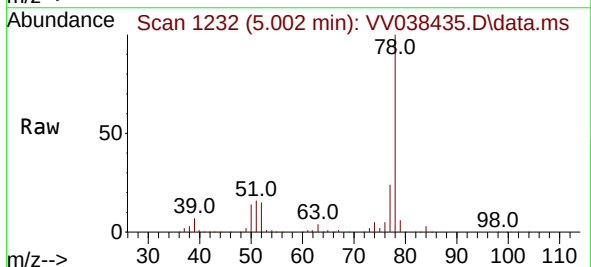


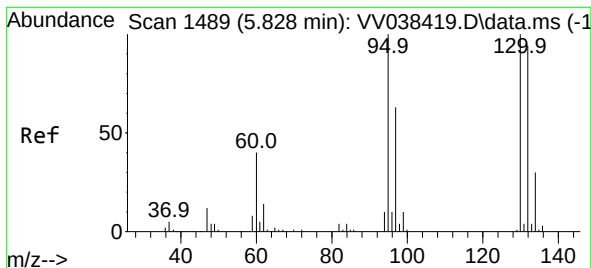
Tgt Ion:117 Resp: 129605
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.2



#33
Benzene
Concen: 5.031 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion: 78 Resp: 351667





#34

Trichloroethene

Concen: 5.006 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 95393

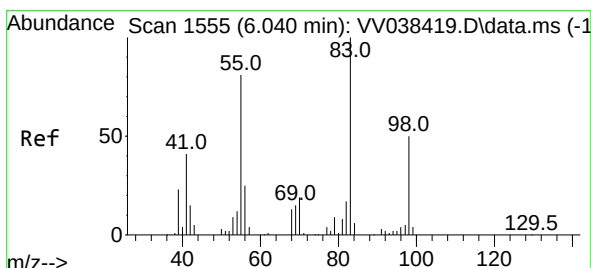
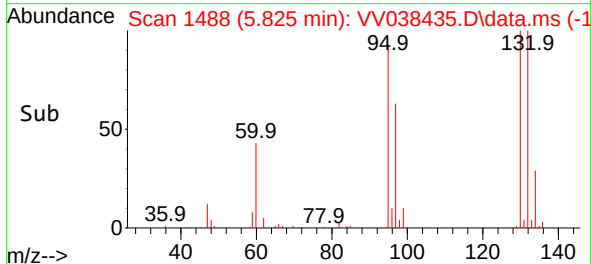
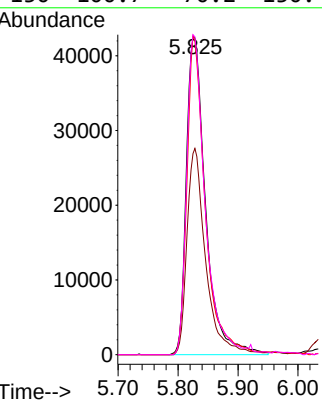
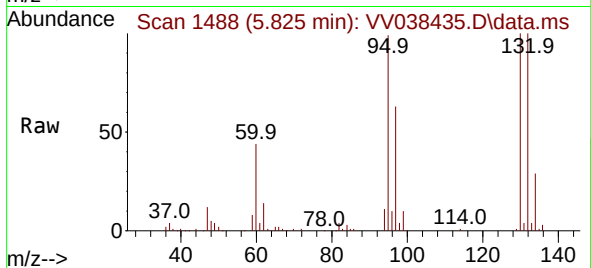
Ion Ratio Lower Upper

95 100

97 63.3 44.8 83.2

132 100.2 68.3 126.8

130 100.7 70.2 130.4



#35

Methylcyclohexane

Concen: 4.604 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

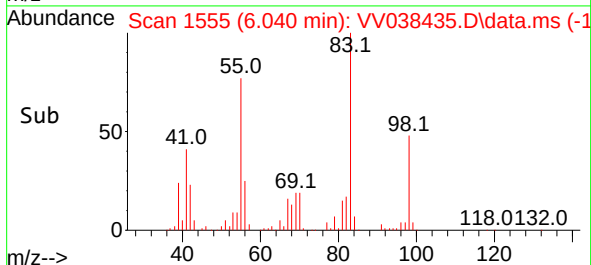
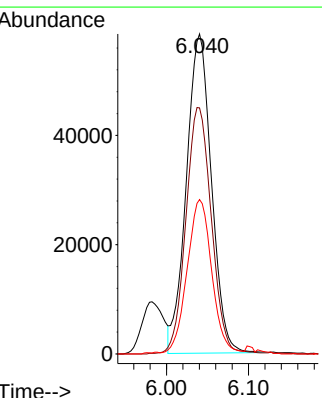
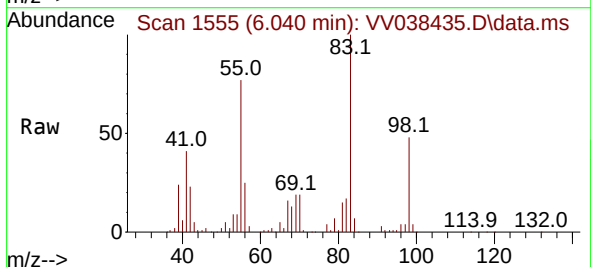
Tgt Ion: 83 Resp: 124110

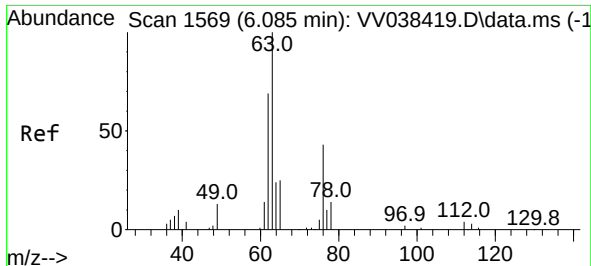
Ion Ratio Lower Upper

83 100

55 78.6 59.7 89.5

98 47.0 39.0 58.4

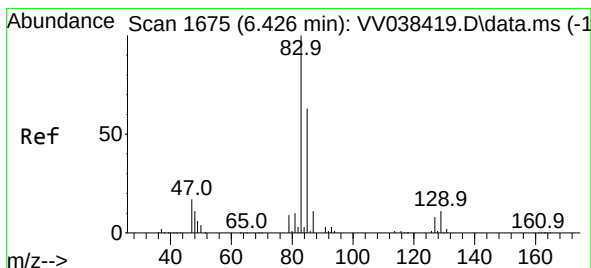
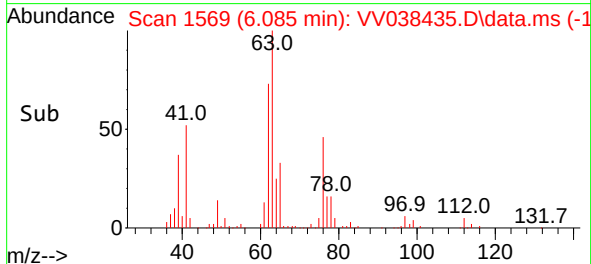
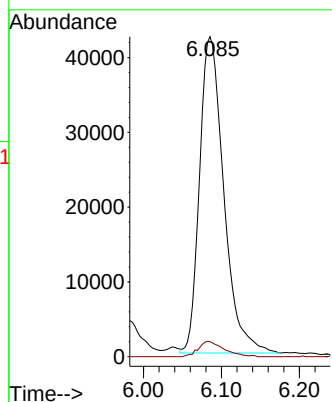
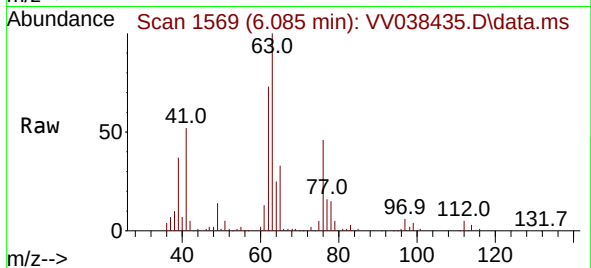




#37
1,2-Dichloropropane
Concen: 5.225 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

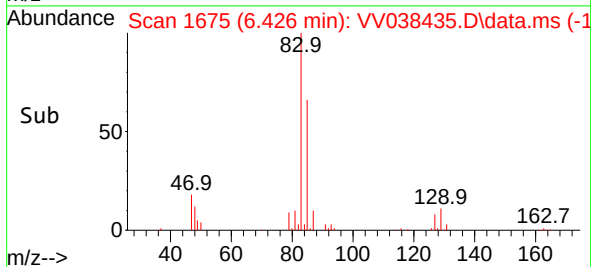
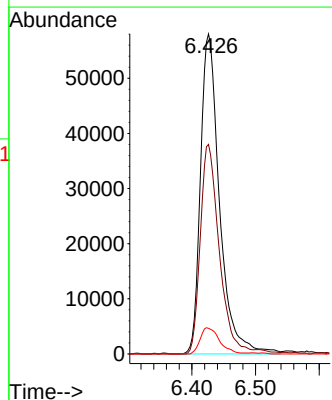
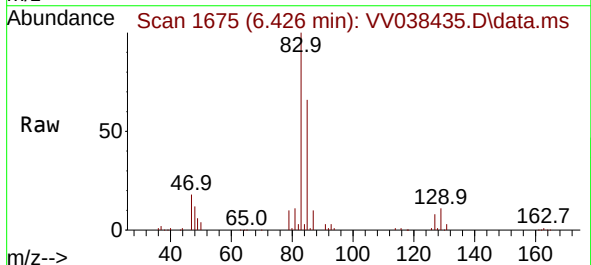
Instrument :
MSVOA_V
ClientSampleId :

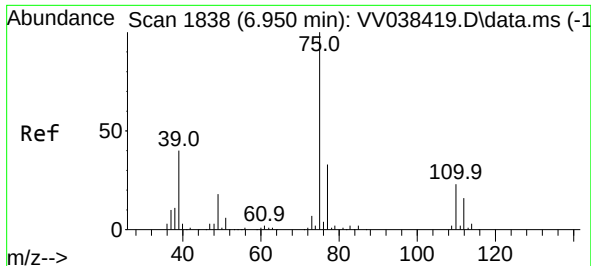
Tgt Ion: 63 Resp: 91493
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 5.134 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion: 83 Resp: 120839
Ion Ratio Lower Upper
83 100
85 65.5 43.9 81.5
127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.060 ug/L

RT: 6.947 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

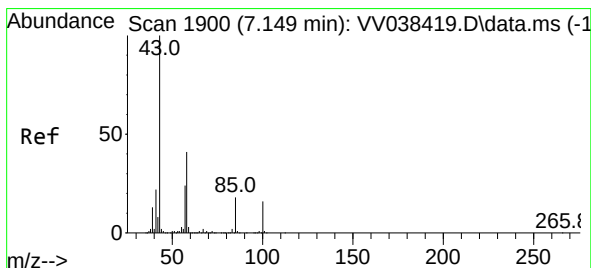
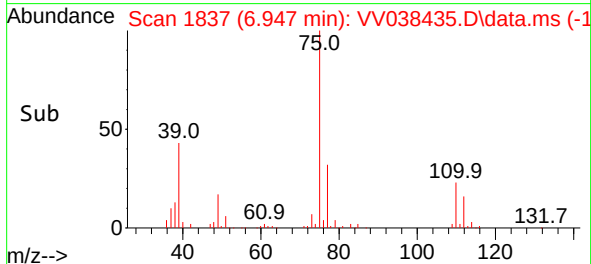
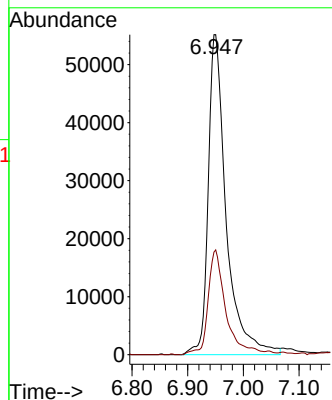
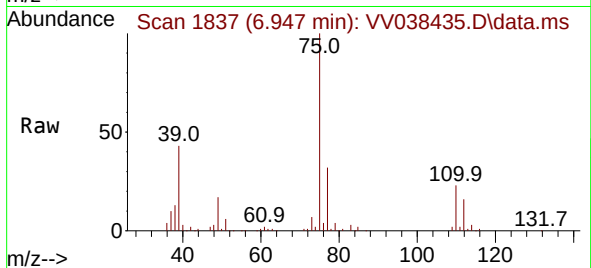
ClientSampleId :

Tgt Ion: 75 Resp: 123691

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 55.026 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

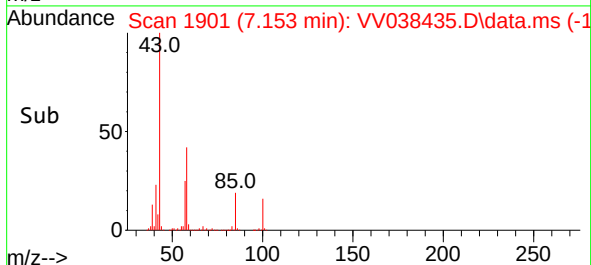
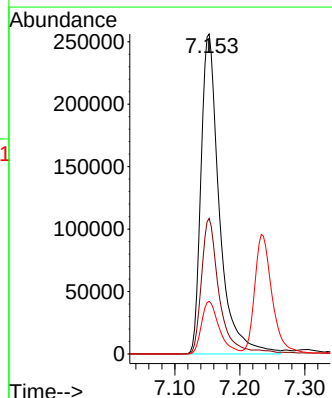
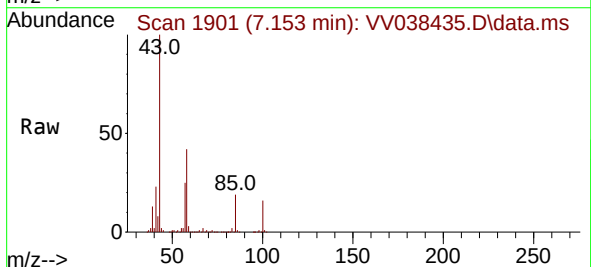
Tgt Ion: 43 Resp: 504276

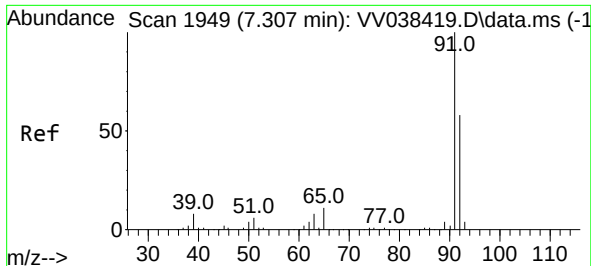
Ion Ratio Lower Upper

43 100

58 40.1 33.4 50.2

100 16.0 14.3 21.5

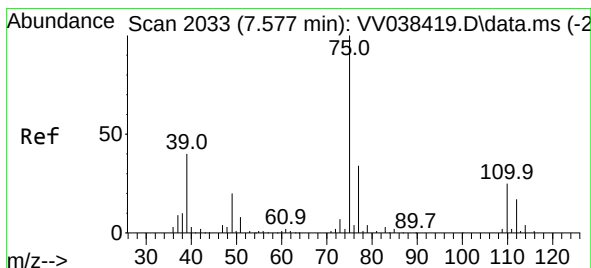
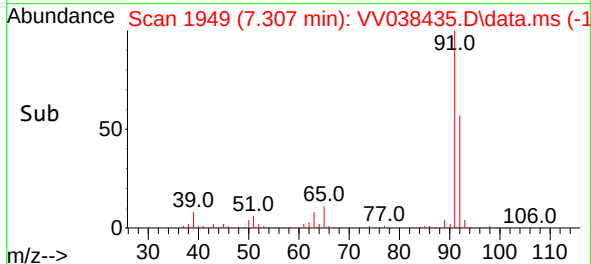
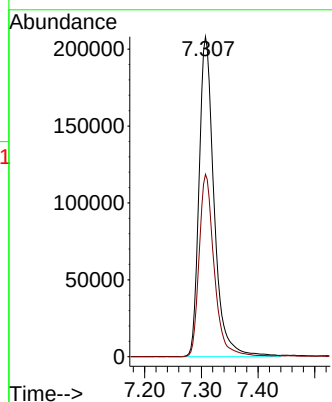
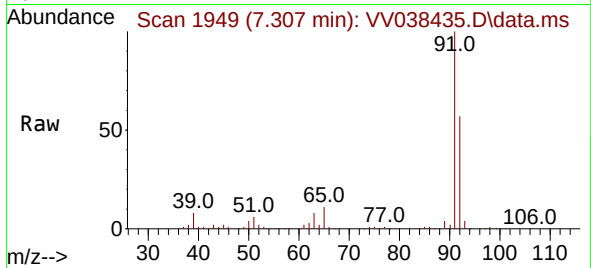




#42
Toluene
Concen: 5.180 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

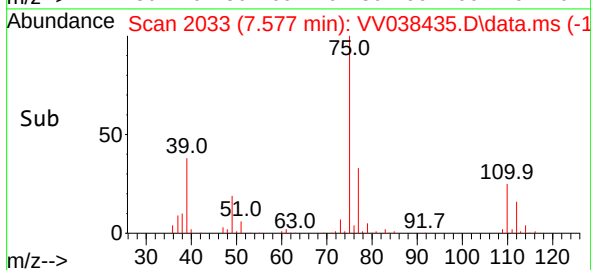
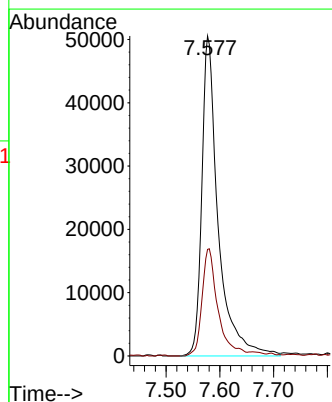
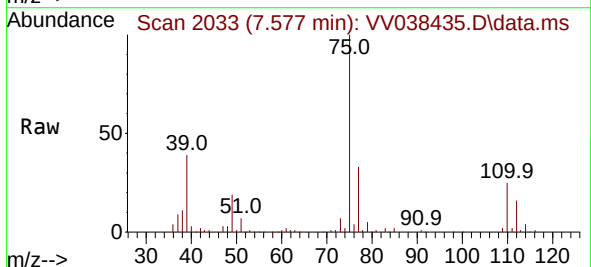
Instrument :
MSVOA_V
ClientSampleId :

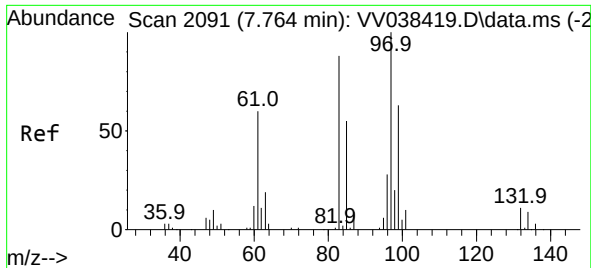
Tgt Ion: 91 Resp: 383491
Ion Ratio Lower Upper
91 100
92 57.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.165 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion: 75 Resp: 106643
Ion Ratio Lower Upper
75 100
77 33.3 23.4 43.4

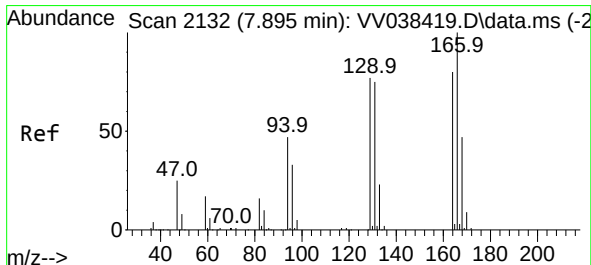
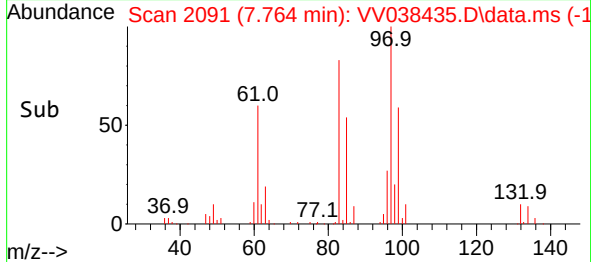
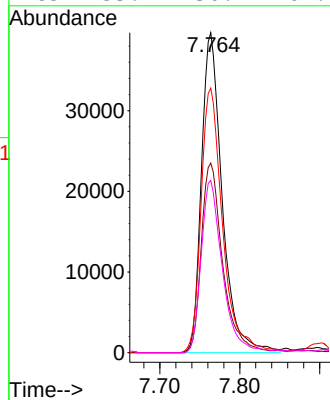
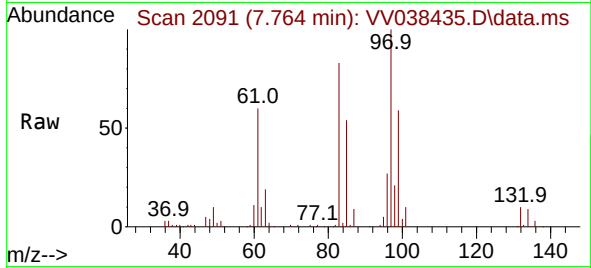




#45
1,1,2-Trichloroethane
Concen: 5.051 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

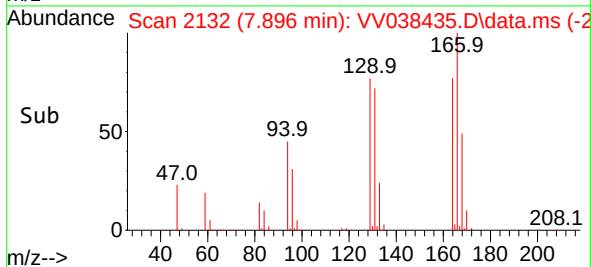
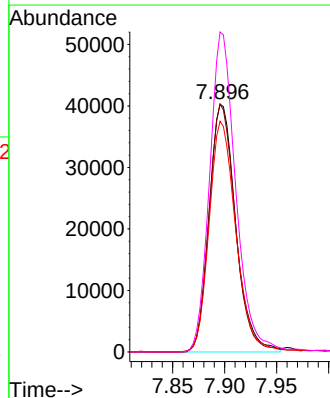
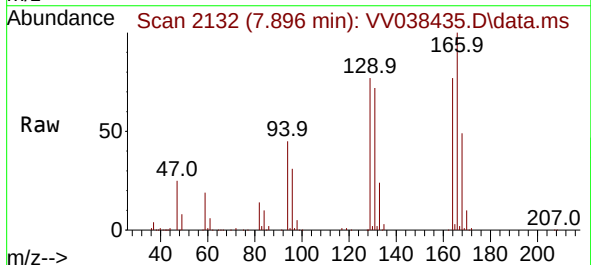
Instrument :
MSVOA_V
ClientSampleId :

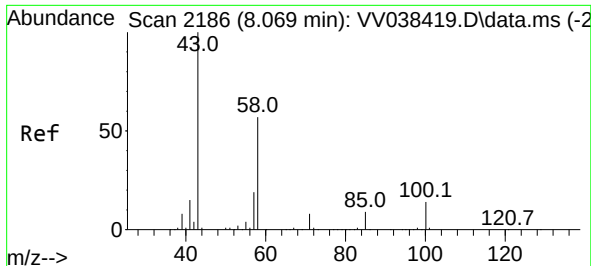
Tgt Ion: 97	Resp: 71731
Ion Ratio	Lower Upper
97 100	
99 59.3	41.9 77.7
83 82.7	57.7 107.1
85 53.9	36.2 67.2



#47
Tetrachloroethene
Concen: 4.672 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt	Ion:164	Resp:	71533
Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.5	127.1
131	93.1	64.8	120.4
166	129.2	88.3	163.9

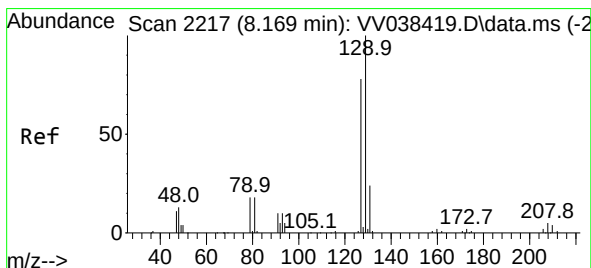
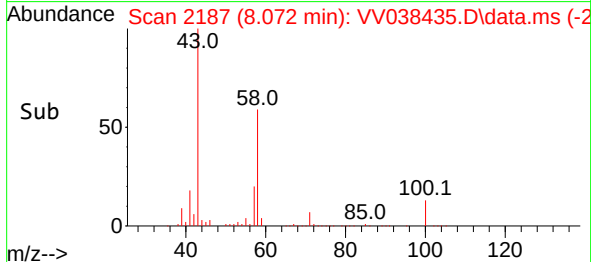
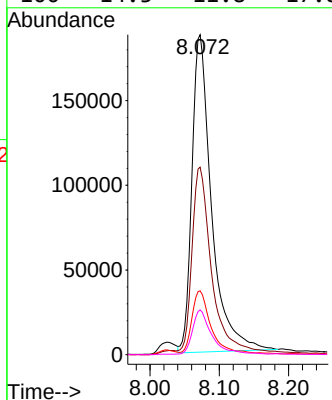
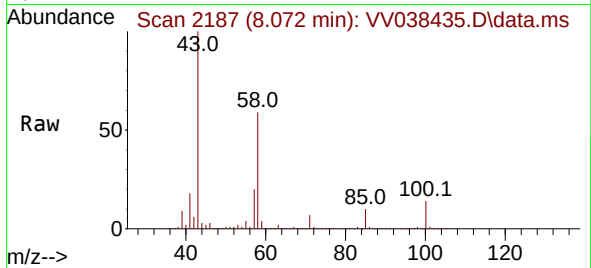




#48
2-Hexanone
Concen: 55.660 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

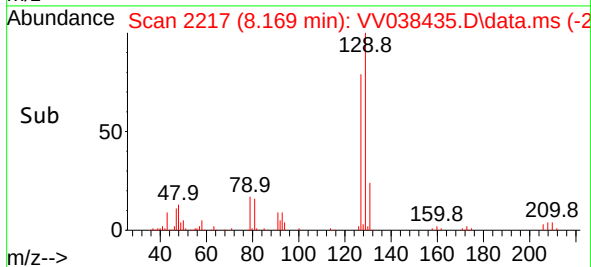
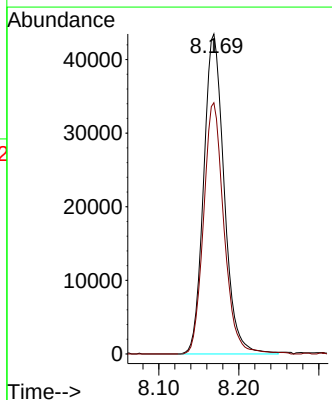
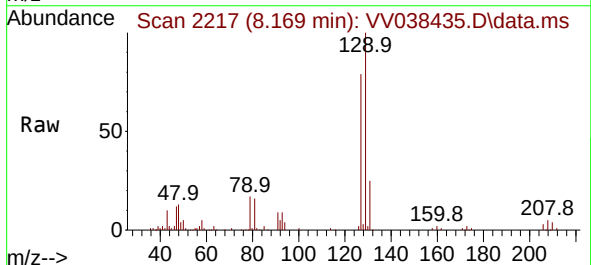
Instrument :
MSVOA_V
ClientSampleId :

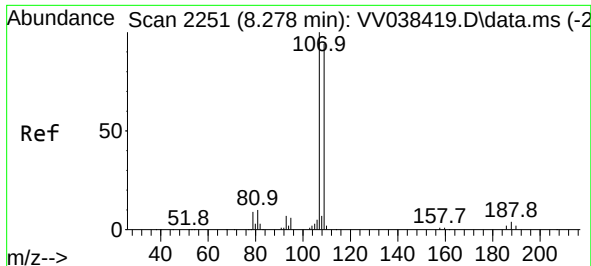
Tgt Ion:	43	Resp:	369896
Ion	Ratio	Lower	Upper
43	100		
58	60.0	49.2	73.8
57	18.8	16.9	25.3
100	14.3	11.8	17.8



#49
Dibromochloromethane
Concen: 5.001 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion:	129	Resp:	77431
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.5	99.3

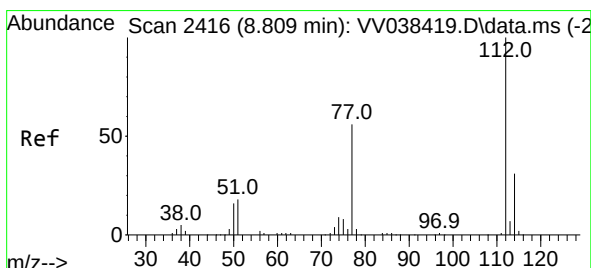
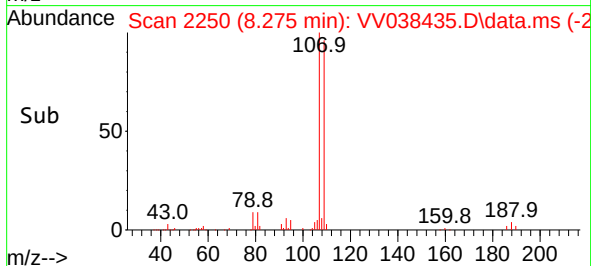
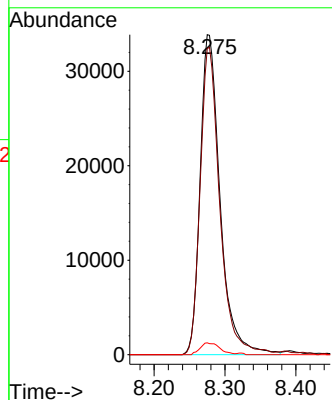
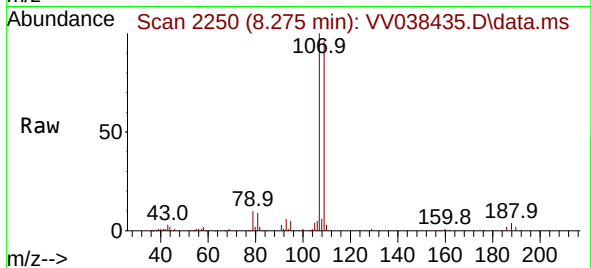




#50
1,2-Dibromoethane
Concen: 5.028 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

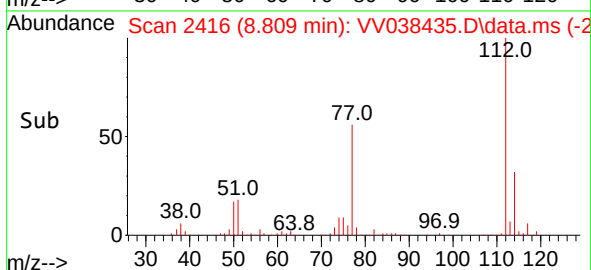
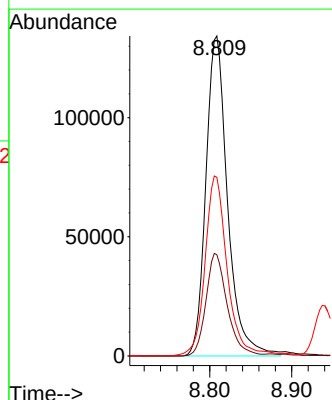
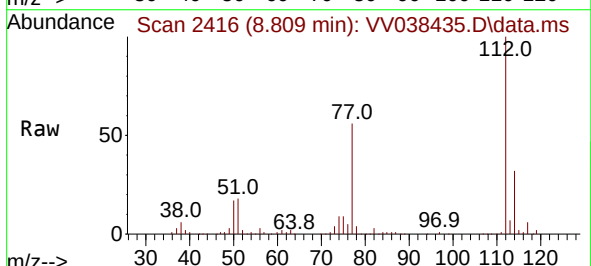
Instrument :
MSVOA_V
ClientSampleId :

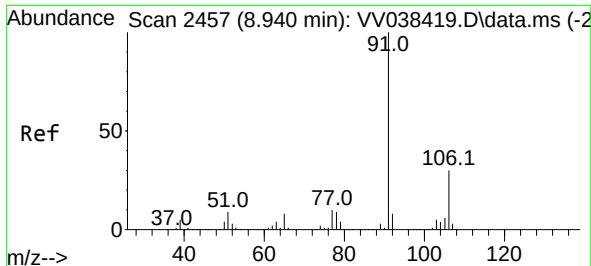
Tgt Ion:107 Resp: 66193
Ion Ratio Lower Upper
107 100
109 95.7 66.1 122.7
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 4.850 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion:112 Resp: 247370
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 55.8 45.0 67.4





#52

Ethylbenzene

Concen: 4.865 ug/L

RT: 8.937 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

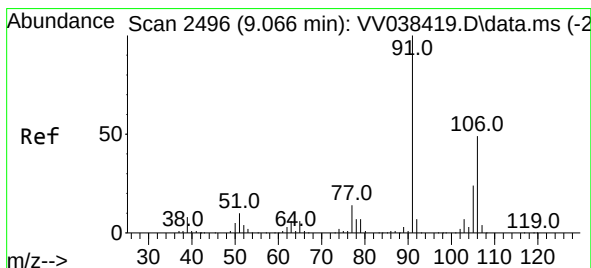
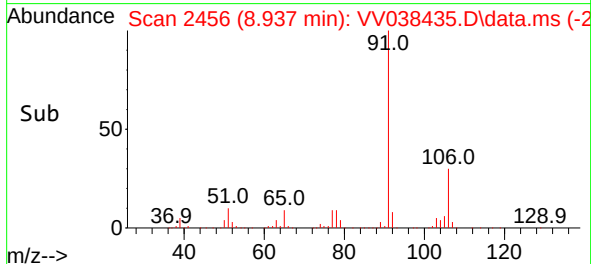
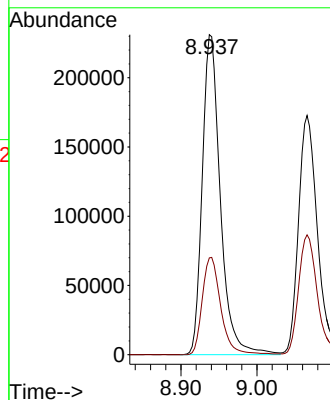
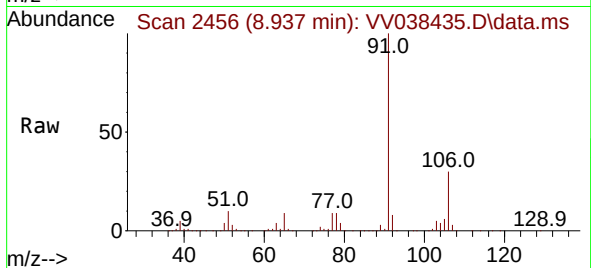
ClientSampleId :

Tgt Ion: 91 Resp: 382091

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.4



#53

m,p-Xylene

Concen: 5.170 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038435.D

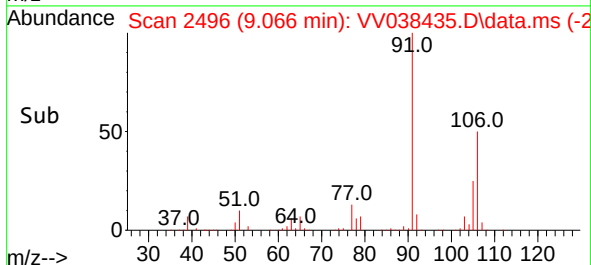
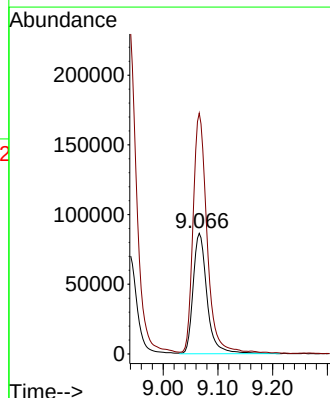
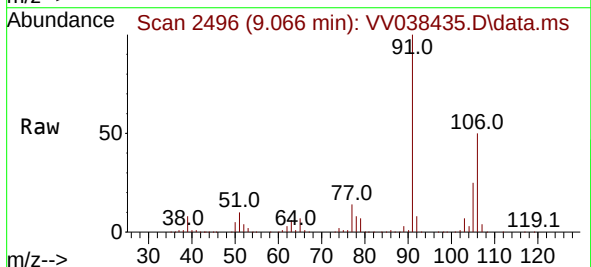
Acq: 06 Dec 2024 12:54

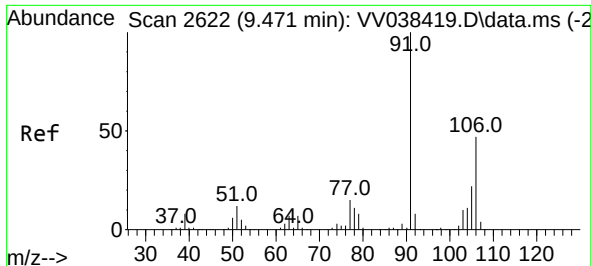
Tgt Ion: 106 Resp: 153226

Ion Ratio Lower Upper

106 100

91 199.4 138.7 257.5

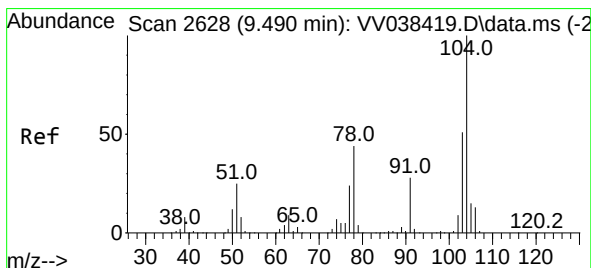
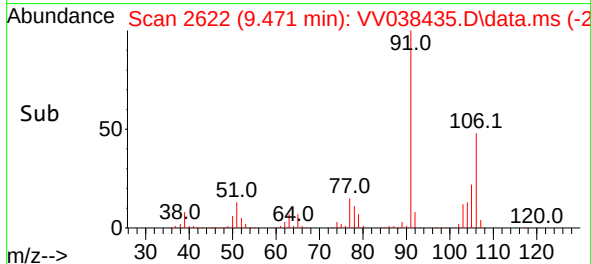
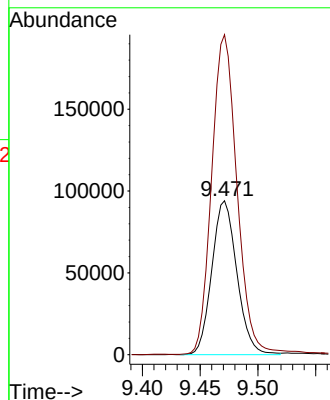
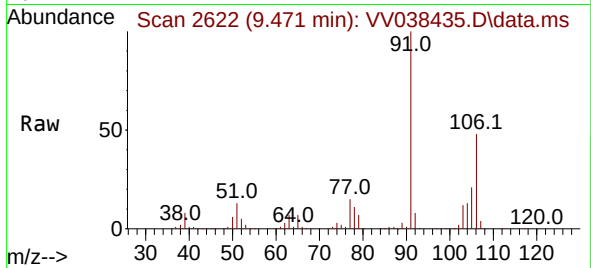




#54
o-Xylene
Concen: 4.921 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

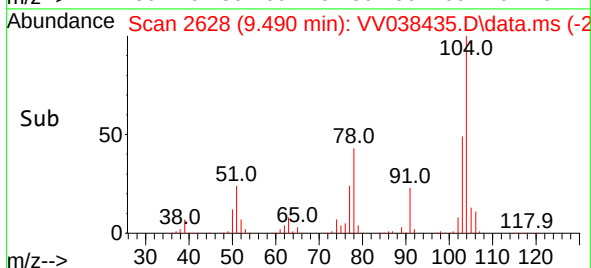
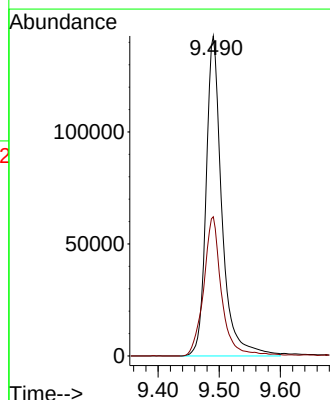
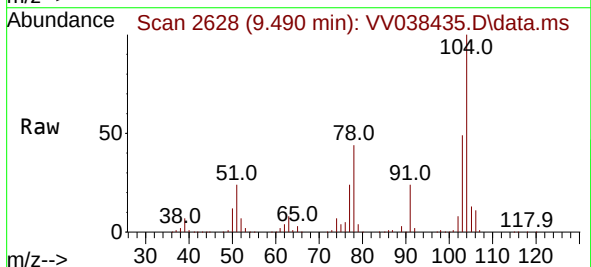
Instrument :
MSVOA_V
ClientSampleId :

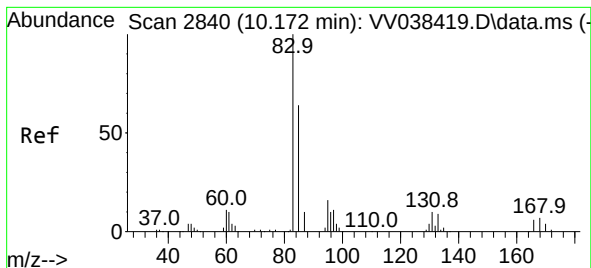
Tgt Ion:106 Resp: 141978
Ion Ratio Lower Upper
106 100
91 207.9 155.5 288.7



#55
Styrene
Concen: 5.053 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion:104 Resp: 256987
Ion Ratio Lower Upper
104 100
78 43.5 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.150 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

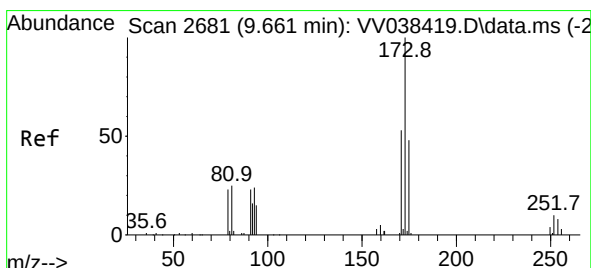
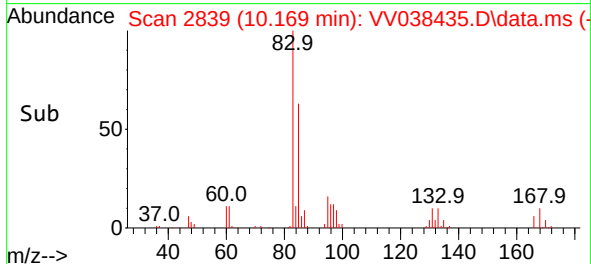
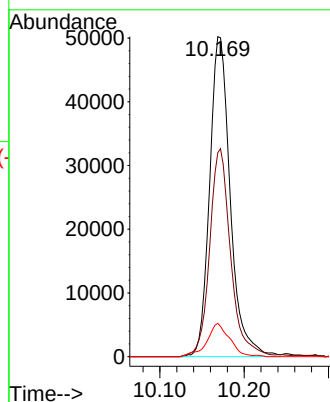
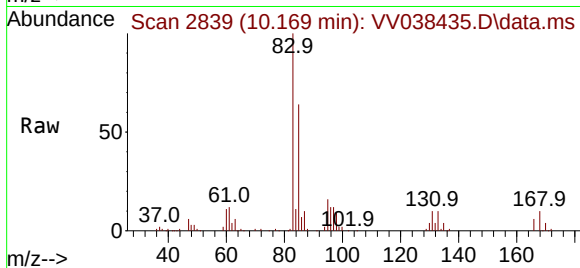
Tgt Ion: 83 Resp: 85510

Ion Ratio Lower Upper

83 100

85 63.7 45.7 84.9

131 10.4 8.2 12.4



#59

Bromoform

Concen: 5.090 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

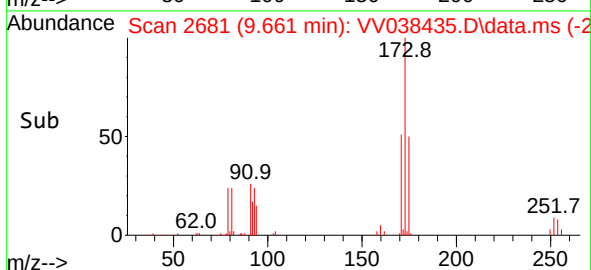
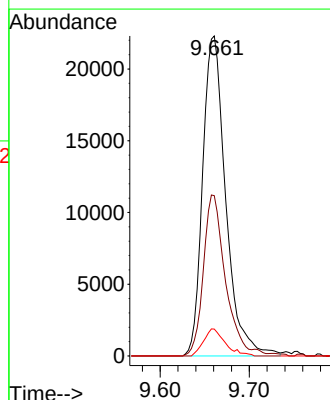
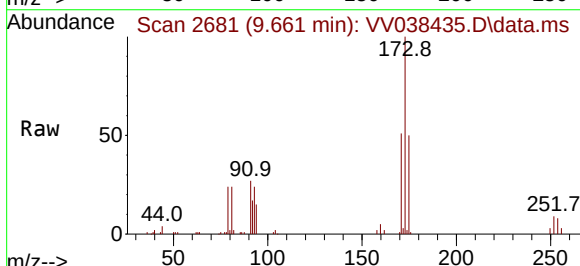
Tgt Ion: 173 Resp: 40145

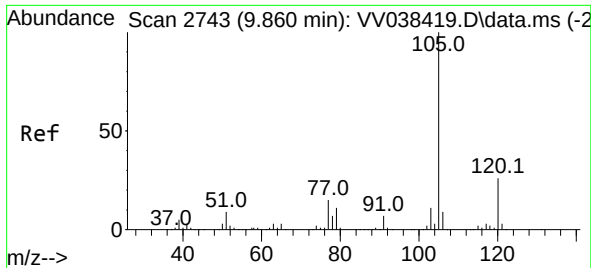
Ion Ratio Lower Upper

173 100

175 48.2 38.5 57.7

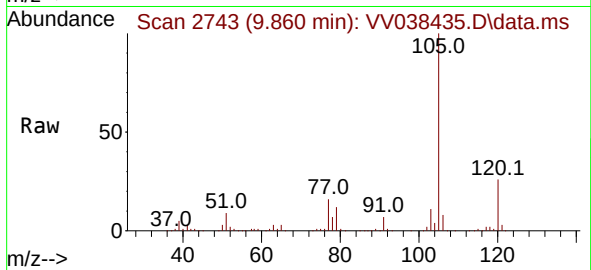
254 7.9 6.9 10.3



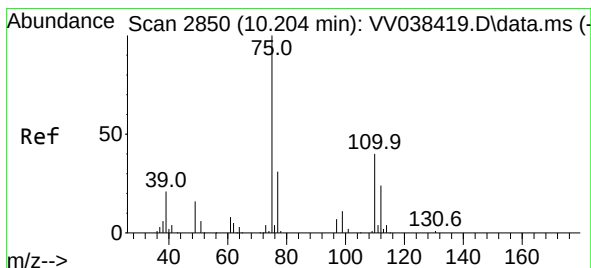
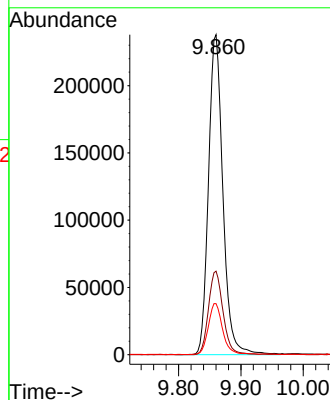
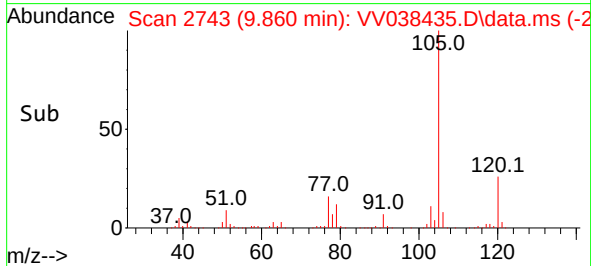


#60
Isopropylbenzene
Concen: 4.896 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

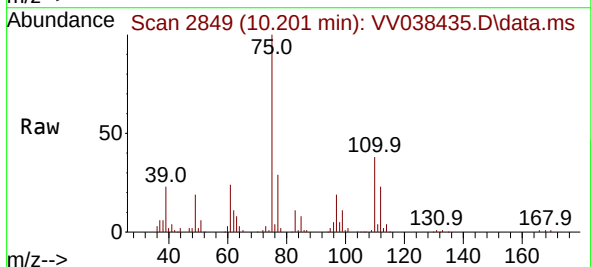
Instrument :
MSVOA_V
ClientSampleId :



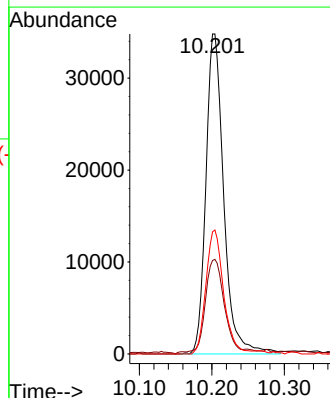
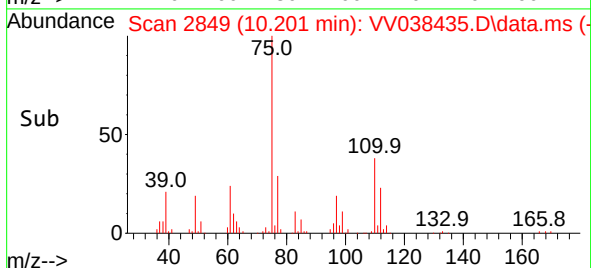
Tgt Ion:105 Resp: 382159
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.8 12.2 18.2

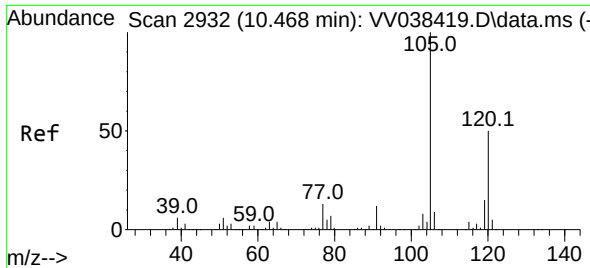


#61
1,2,3-Trichloropropane
Concen: 5.131 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54



Tgt Ion: 75 Resp: 59541
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 38.4 32.3 48.5

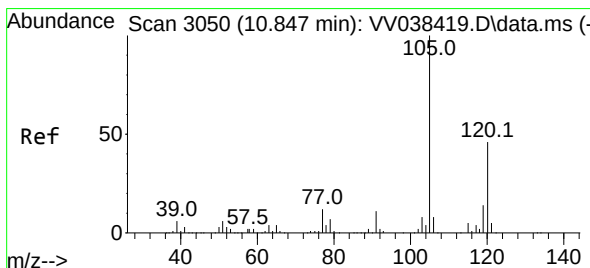
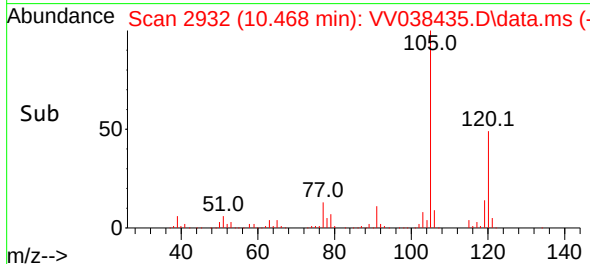
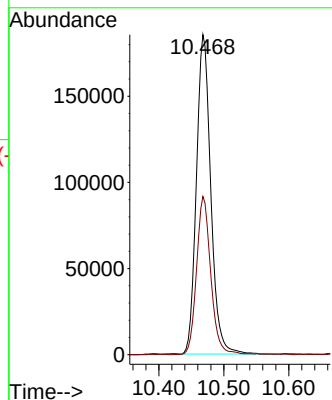
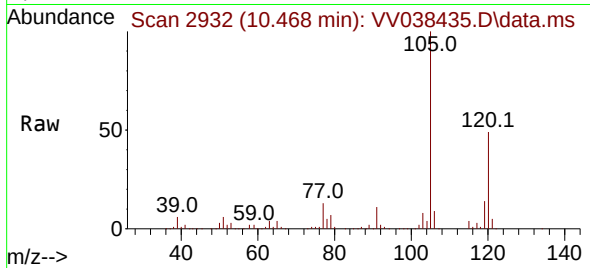




#62
 1,3,5-Trimethylbenzene
 Concen: 4.611 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

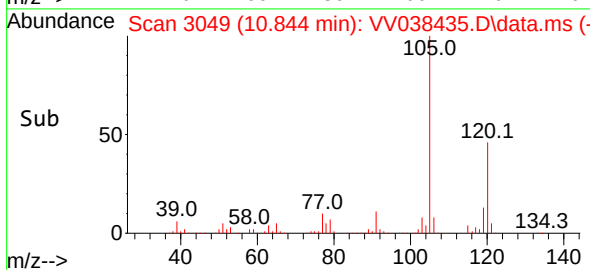
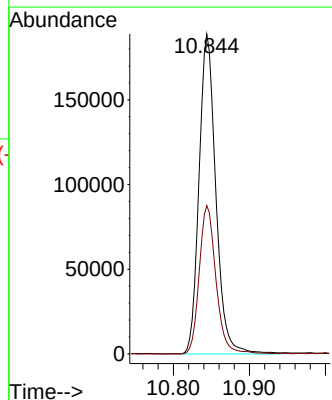
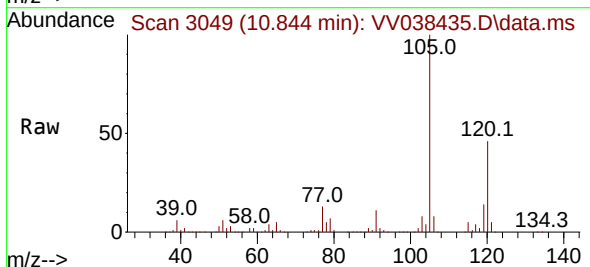
Instrument :
 MSVOA_V
 ClientSampleId :

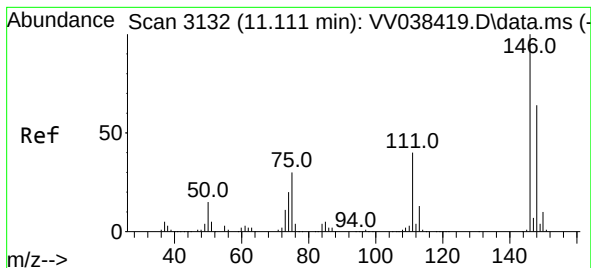
Tgt Ion:105 Resp: 285616
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.693 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038435.D
 Acq: 06 Dec 2024 12:54

Tgt Ion:105 Resp: 289885
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.800 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

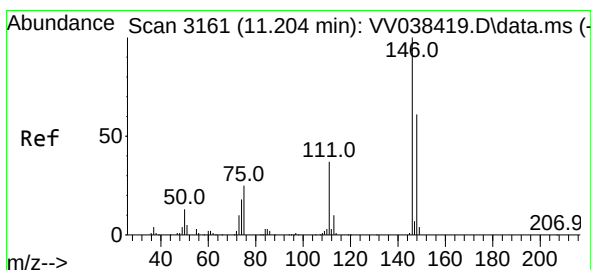
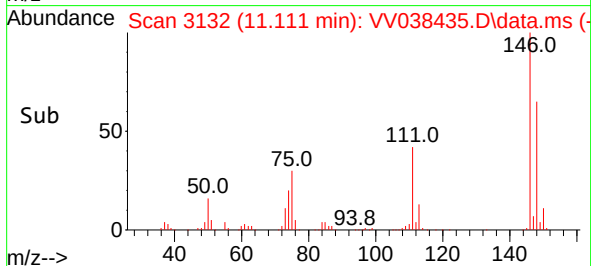
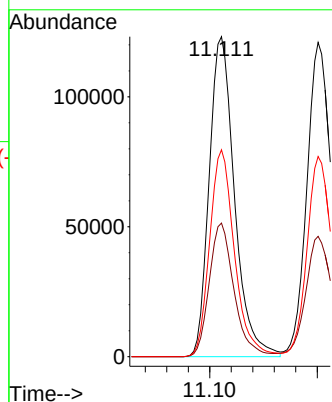
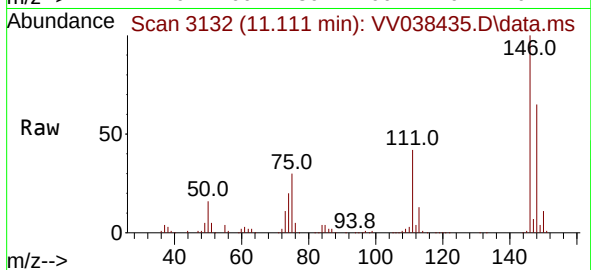
Tgt Ion:146 Resp: 201199

Ion Ratio Lower Upper

146 100

111 41.7 28.2 52.4

148 64.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.806 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

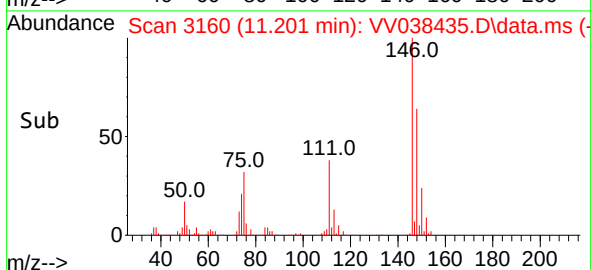
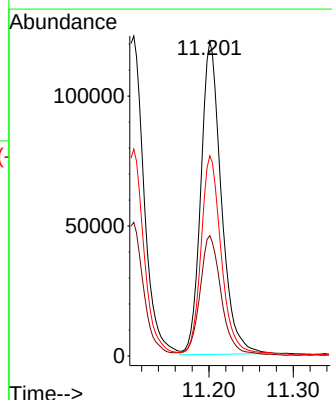
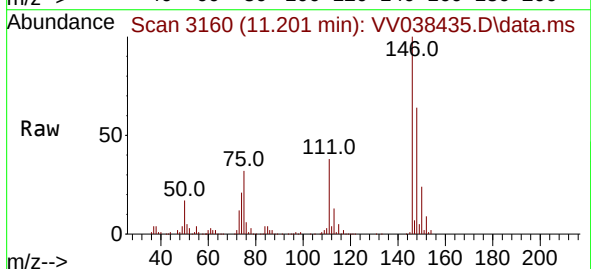
Tgt Ion:146 Resp: 203664

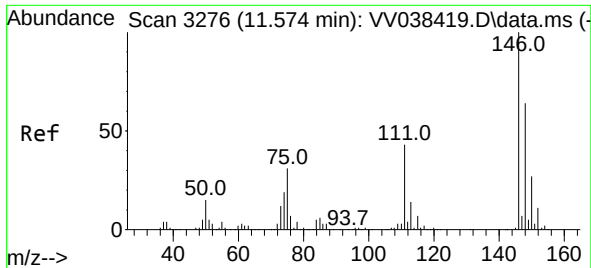
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 63.7 44.4 82.4

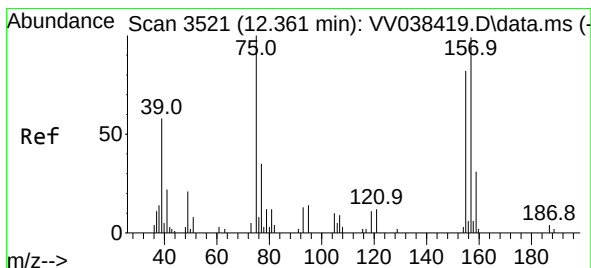
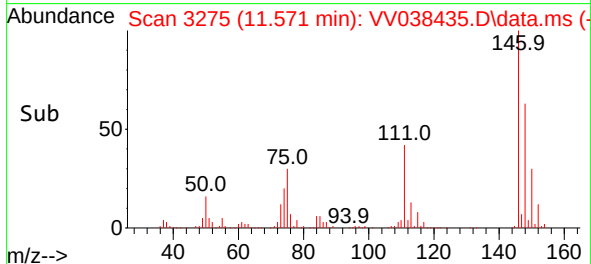
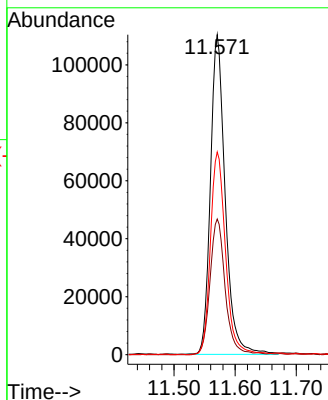
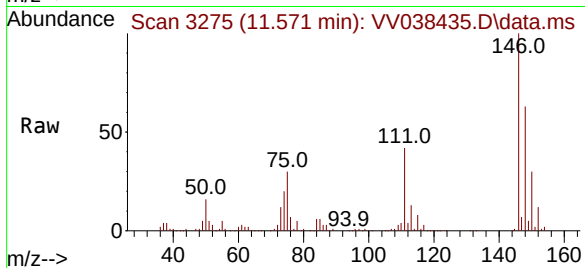




#67
1,2-Dichlorobenzene
Concen: 4.774 ug/L
RT: 11.571 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

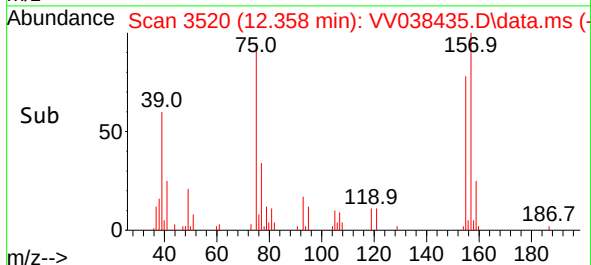
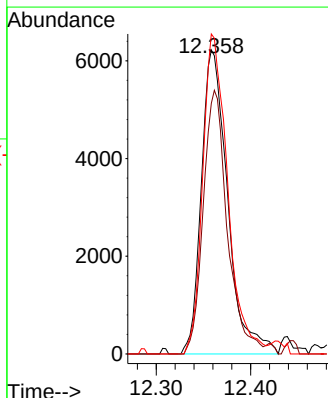
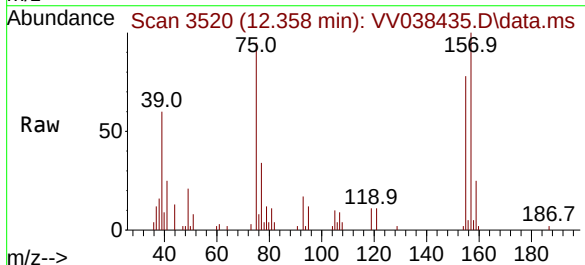
Instrument :
MSVOA_V
ClientSampleId :

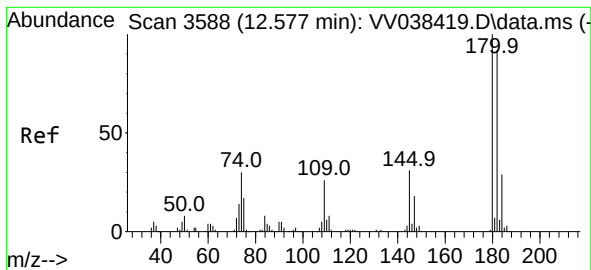
Tgt Ion:146 Resp: 185194
Ion Ratio Lower Upper
146 100
111 42.4 34.2 51.2
148 63.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.616 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038435.D
Acq: 06 Dec 2024 12:54

Tgt Ion: 75 Resp: 12023
Ion Ratio Lower Upper
75 100
155 82.4 67.5 101.3
157 105.3 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.535 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 134648

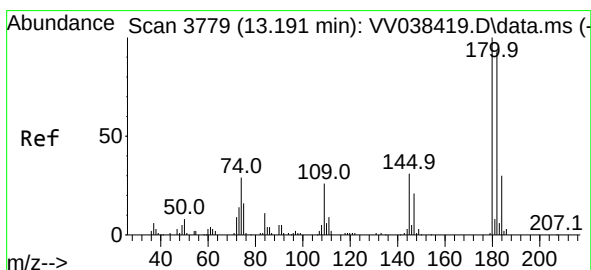
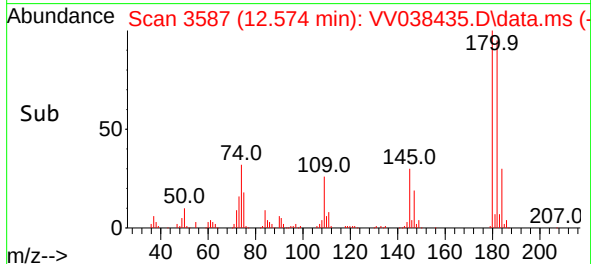
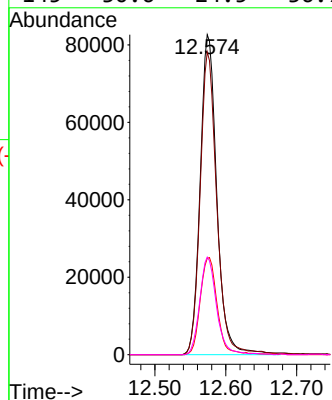
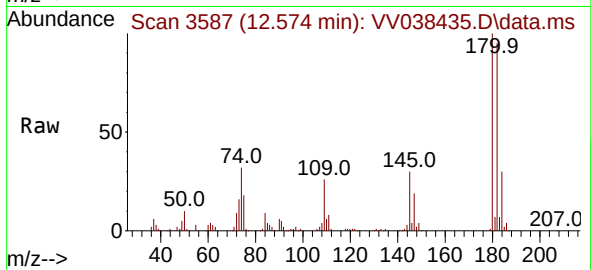
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

184 30.5 23.7 35.5

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.438 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

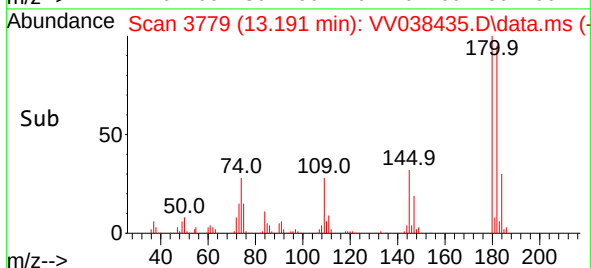
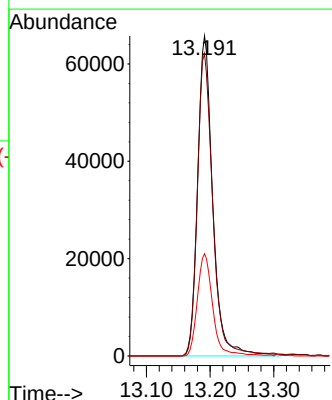
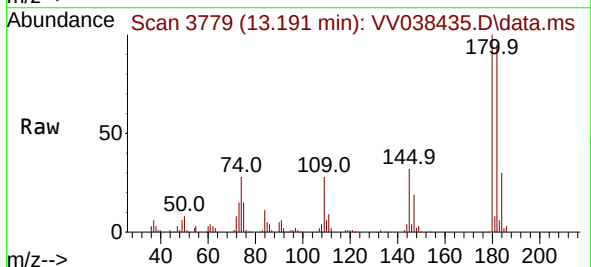
Tgt Ion:180 Resp: 108923

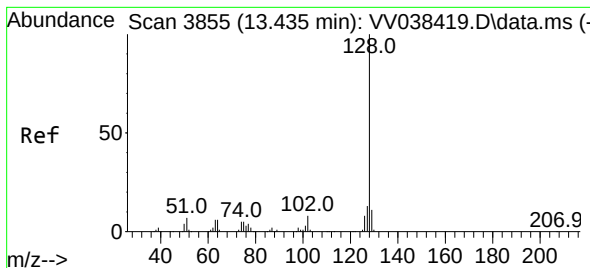
Ion Ratio Lower Upper

180 100

182 95.7 73.8 110.8

145 32.0 24.6 37.0





#71

Naphthalene

Concen: 4.039 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Instrument :

MSVOA_V

ClientSampleId :

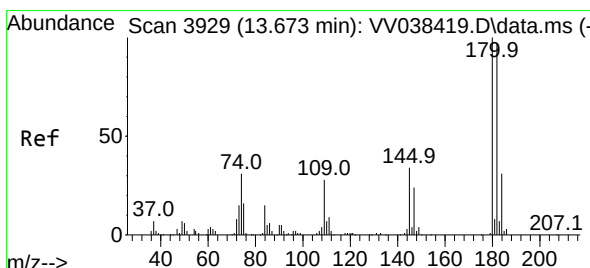
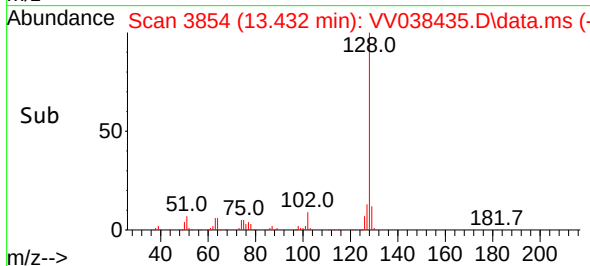
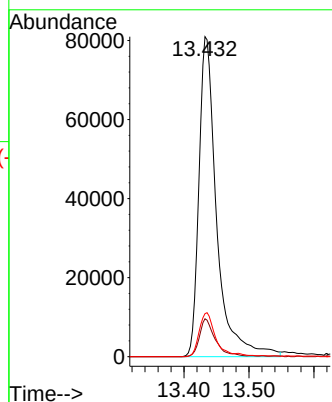
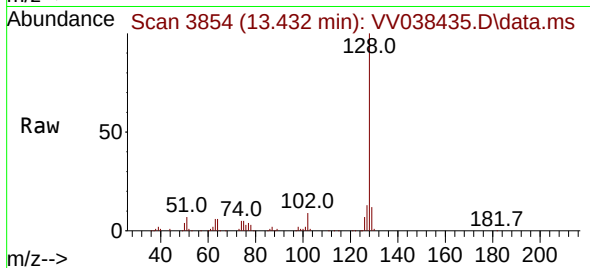
Tgt Ion:128 Resp: 154220

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.3 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.396 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038435.D

Acq: 06 Dec 2024 12:54

Tgt Ion:180 Resp: 99682

Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 34.4 27.0 40.4

