

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035095.D
 Acq On : 10 Apr 2024 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 06:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	349729	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	345472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	177296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123392	36.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.060%
7) Chloroethane-d5	1.526	69	125779	42.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	2.056	65	60086	40.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.160%
21) 2-Butanone-d5	3.783	46	210241	104.956	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	4.243	84	275005	48.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
26) 1,2-Dichloroethane-d4	4.937	65	171995	47.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	4.957	84	517635	44.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
36) 1,2-Dichloropropane-d6	5.985	67	171499	46.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	7.239	98	462106	44.217	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.551	79	73765	41.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.360%
47) 2-Hexanone-d5	8.021	63	128358	92.129	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.130%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	250490	49.362	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	174593	43.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	119837	47.278	ug/L	99
3) Chloromethane	1.214	50	157196	48.240	ug/L	100
5) Vinyl chloride	1.281	62	167129	48.923	ug/L	99
6) Bromomethane	1.484	94	103492	40.415	ug/L	98
8) Chloroethane	1.542	64	116496	49.931	ug/L	98
9) Trichlorofluoromethane	1.709	101	232825	51.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	145059	52.857	ug/L	98
12) 1,1-Dichloroethene	2.066	96	130912	49.876	ug/L	92
13) Acetone	2.114	43	166649	90.618	ug/L	98
14) Carbon disulfide	2.236	76	329495	44.578	ug/L	100
15) Methyl Acetate	2.371	43	188459	65.030	ug/L	99
16) Methylene chloride	2.442	84	160827	56.550	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	135102	53.240	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	501836	56.302	ug/L	98
19) 1,1-Dichloroethane	3.108	63	306605	58.919	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	160936	55.850	ug/L	98
22) 2-Butanone	3.863	43	231687	108.569	ug/L	97
23) Bromochloromethane	4.143	128	82895	57.497	ug/L	97
25) Chloroform	4.268	83	299646	58.241	ug/L	97

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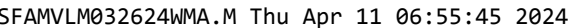
Instrument :
 MSVOA_V
 ClientSampleId :

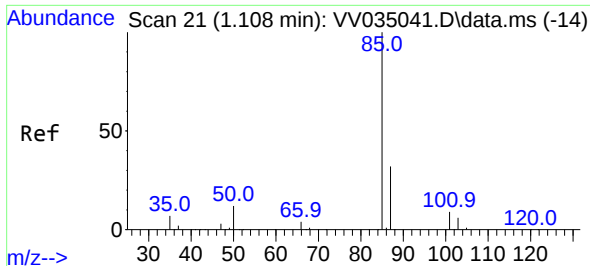
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	240438	58.696	ug/L	100
29) Cyclohexane	4.577	56	221376	51.162	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	247258	54.907	ug/L	99
31) Carbon tetrachloride	4.731	117	212463	55.664	ug/L	100
33) Benzene	5.005	78	613194	54.432	ug/L	100
34) Trichloroethene	5.828	95	156046	51.327	ug/L	98
35) Methylcyclohexane	6.047	83	230015	50.096	ug/L	98
37) 1,2-Dichloropropane	6.088	63	179220	57.567	ug/L	100
38) Bromodichloromethane	6.429	83	228508	56.888	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	249815	50.938	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	473452	119.112	ug/L	98
42) Toluene	7.313	91	645045	54.692	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	235756	52.324	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	169992	57.932	ug/L	99
46) Tetrachloroethene	7.902	164	112918	53.162	ug/L	98
48) 2-Hexanone	8.072	43	375422	111.051	ug/L	99
49) Dibromochloromethane	8.172	129	169033	58.162	ug/L	98
50) 1,2-Dibromoethane	8.278	107	174946	55.378	ug/L	99
51) Chlorobenzene	8.812	112	415898	54.409	ug/L	100
52) Ethylbenzene	8.944	91	708366	54.193	ug/L	100
53) m,p-Xylene	9.069	106	260779	54.175	ug/L	98
54) o-Xylene	9.477	106	258368	54.247	ug/L	99
55) Styrene	9.493	104	456404	56.706	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	278359	58.549	ug/L	99
59) Bromoform	9.661	173	123014	60.545	ug/L	99
60) Isopropylbenzene	9.863	105	704698	55.134	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	222800	57.992	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	450198	54.234	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	565408	55.091	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	323597	54.176	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	331154	54.518	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	333801	56.099	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	59092	55.829	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	228919	53.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	204120	51.620	ug/L	99
71) Naphthalene	13.435	128	526310	47.974	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	214806	55.109	ug/L	99

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

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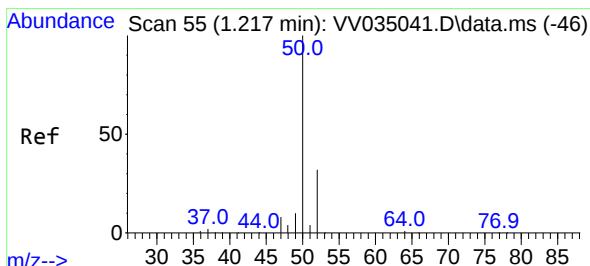
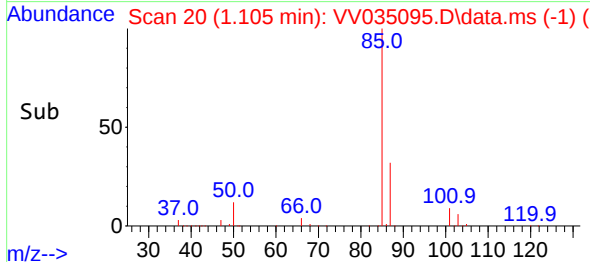
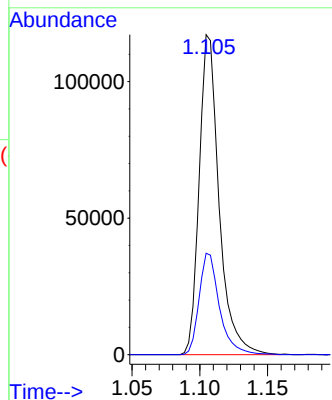
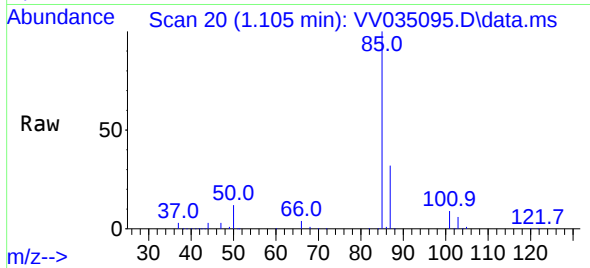




#2
Dichlorodifluoromethane
Concen: 47.278 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

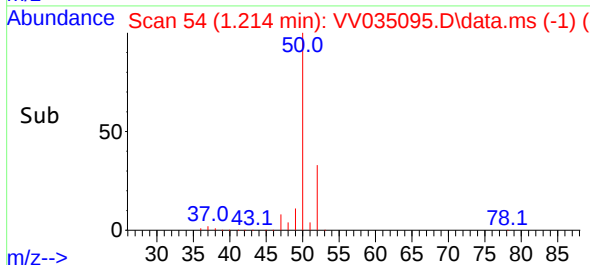
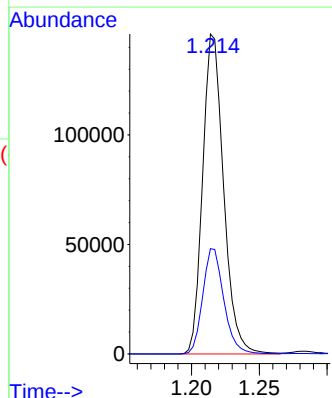
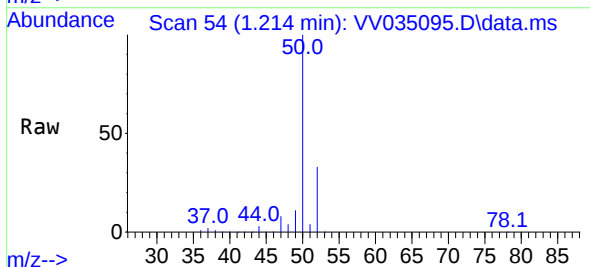
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 119837
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5

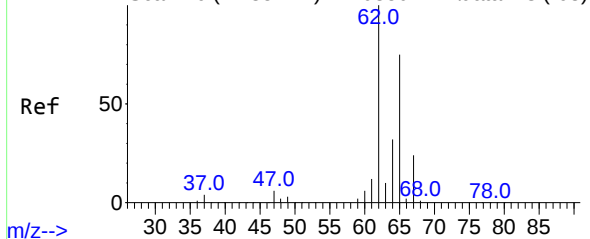


#3
Chloromethane
Concen: 48.240 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 50 Resp: 157196
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8



Abundance Scan 76 (1.285 min): VV035041.D\data.ms (-68)



#5

Vinyl chloride

Concen: 48.923 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

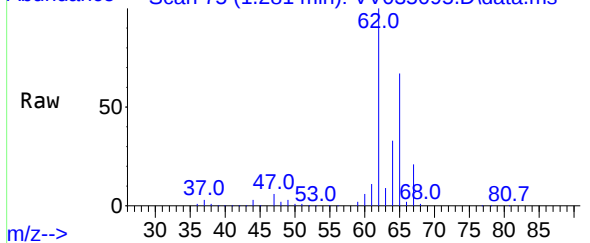
Tgt Ion: 62 Resp: 167129

Ion Ratio Lower Upper

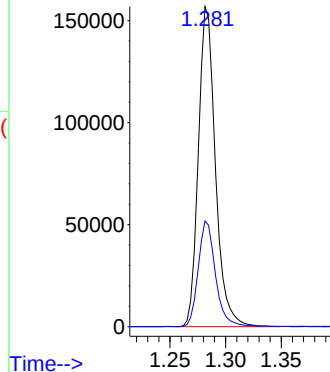
62 100

64 33.0 23.6 43.8

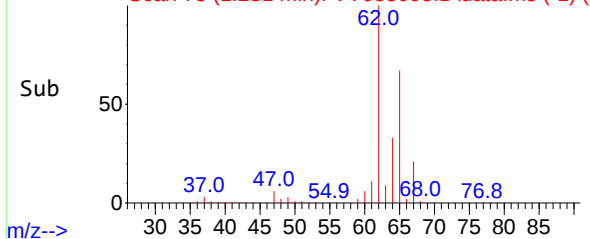
Abundance Scan 75 (1.281 min): VV035095.D\data.ms



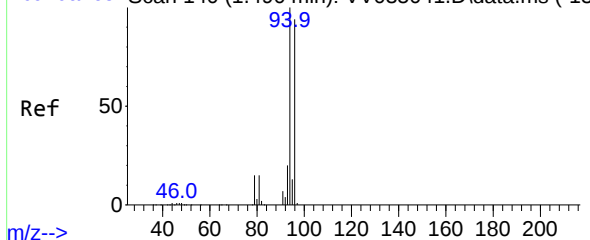
Abundance



Abundance Scan 75 (1.281 min): VV035095.D\data.ms (-1)



Abundance Scan 140 (1.490 min): VV035041.D\data.ms (-13)



#6

Bromomethane

Concen: 40.415 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

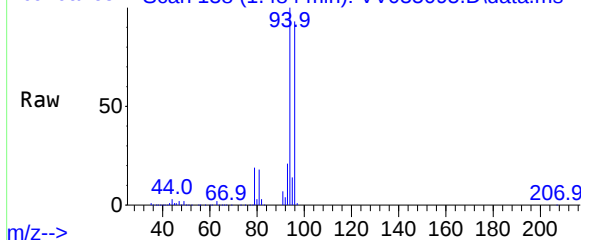
Tgt Ion: 94 Resp: 103492

Ion Ratio Lower Upper

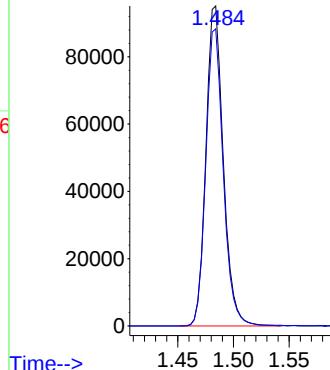
94 100

96 92.9 66.3 123.1

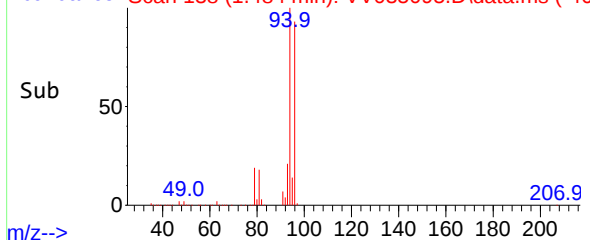
Abundance Scan 138 (1.484 min): VV035095.D\data.ms

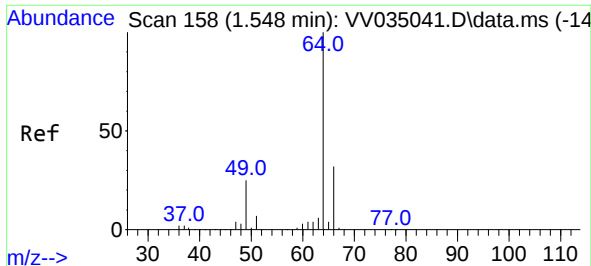


Abundance



Abundance Scan 138 (1.484 min): VV035095.D\data.ms (-46)

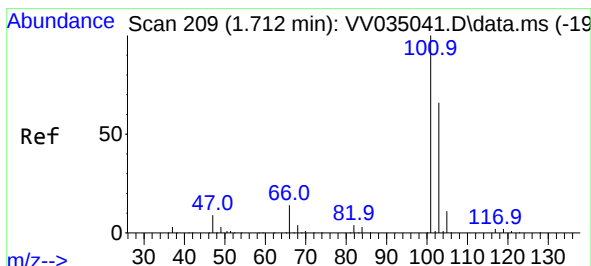
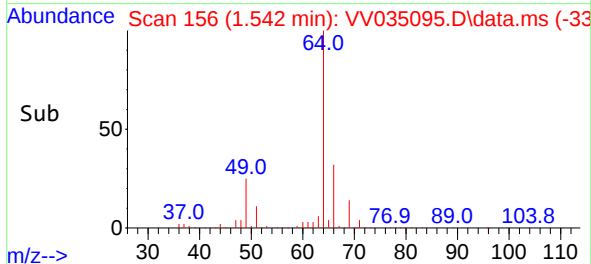
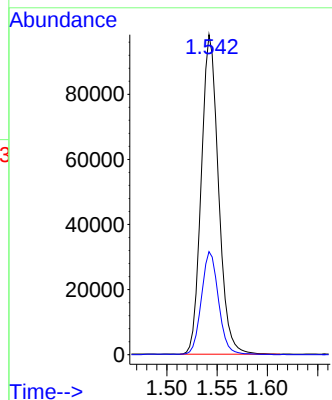
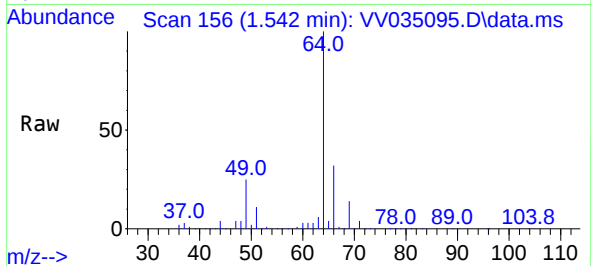




#8
Chloroethane
Concen: 49.931 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

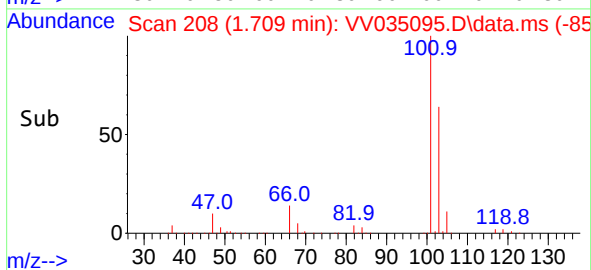
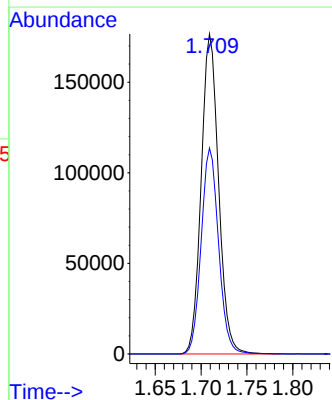
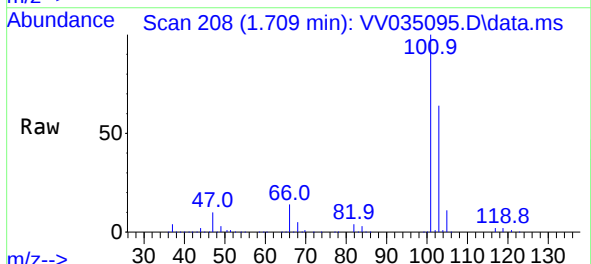
Instrument :
MSVOA_V
ClientSampleId :

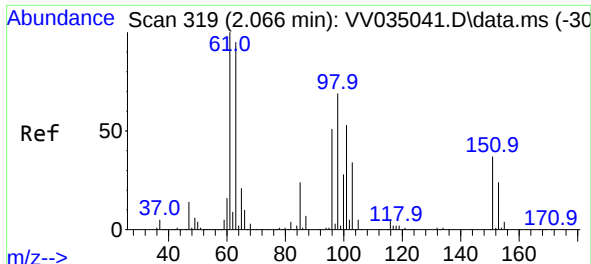
Tgt Ion: 64 Resp: 116496
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 51.927 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion:101 Resp: 232825
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

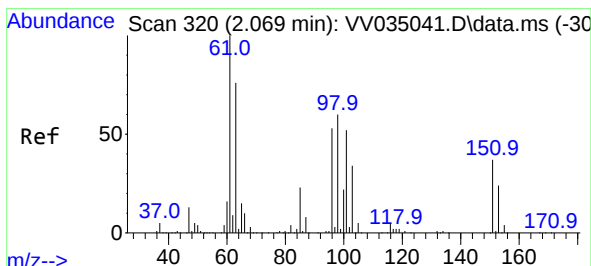
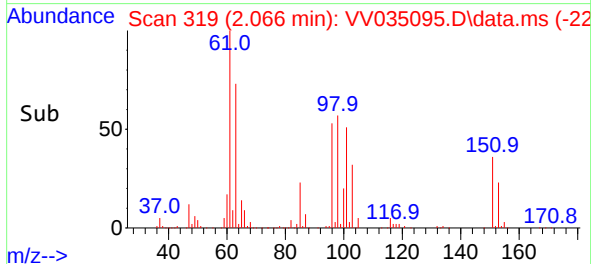
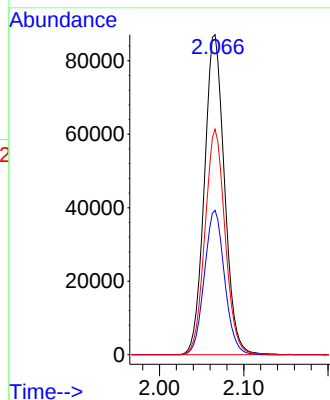
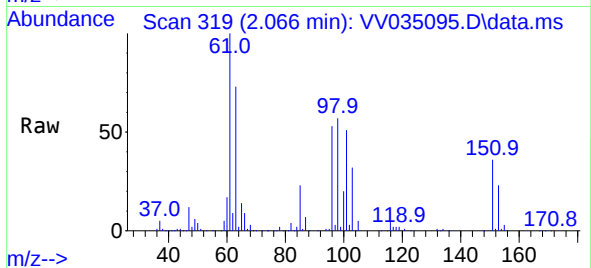




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.857 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

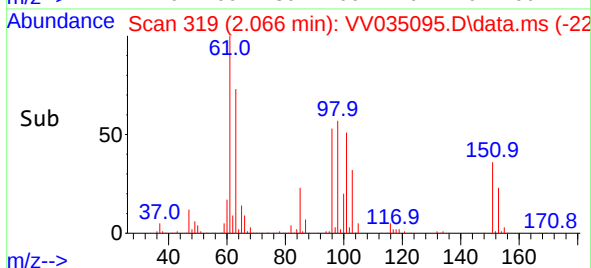
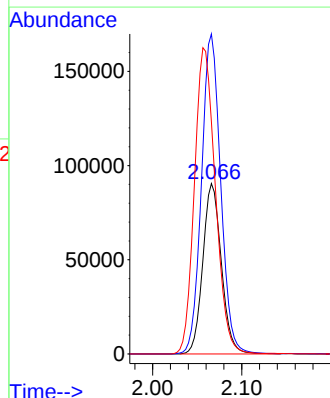
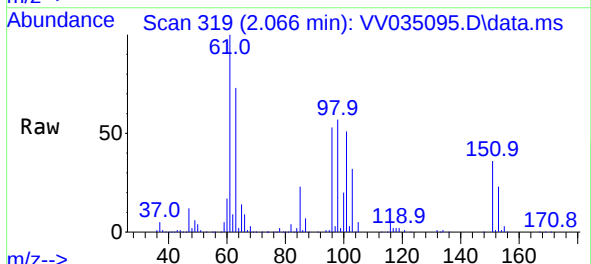
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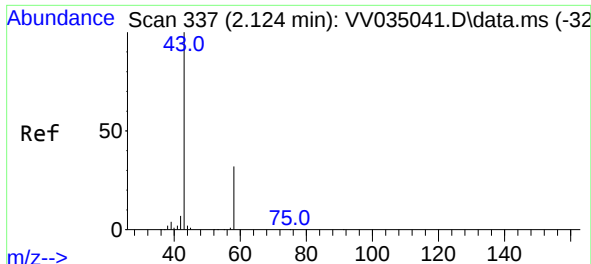
Tgt Ion:101 Resp: 145059
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 70.5 55.0 82.4



#12
1,1-Dichloroethene
Concen: 49.876 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 96 Resp: 130912
Ion Ratio Lower Upper
96 100
61 187.8 131.5 244.3
63 136.3 111.4 206.8





#13

Acetone

Concen: 90.618 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

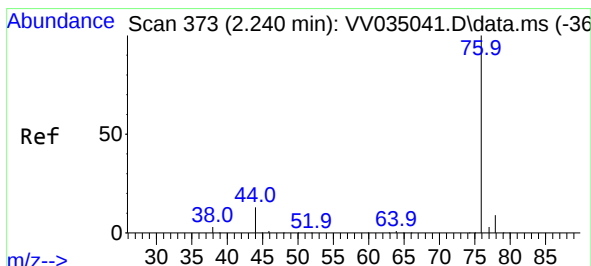
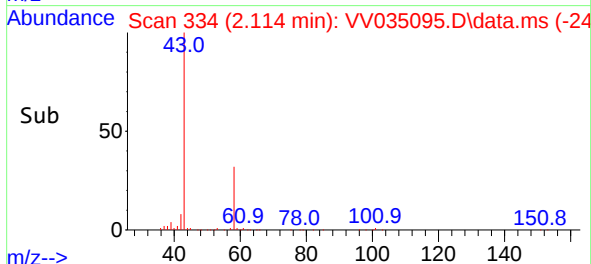
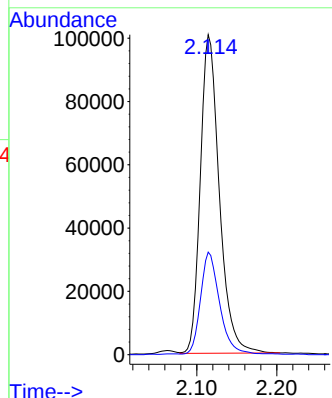
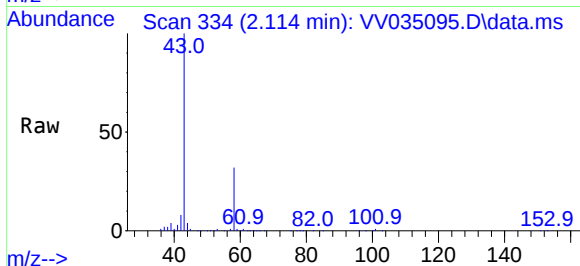
ClientSampleId :

Tgt Ion: 43 Resp: 166649

Ion Ratio Lower Upper

43 100

58 31.9 0.0 66.0



#14

Carbon disulfide

Concen: 44.578 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035095.D

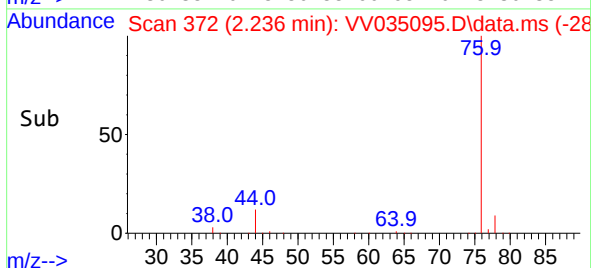
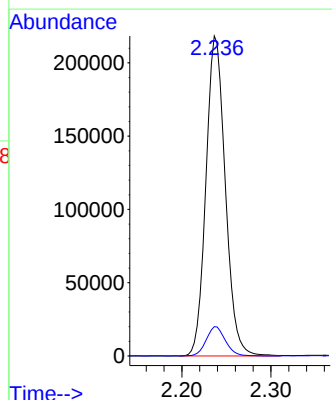
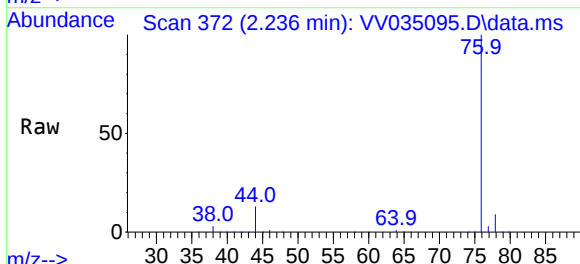
Acq: 10 Apr 2024 08:58

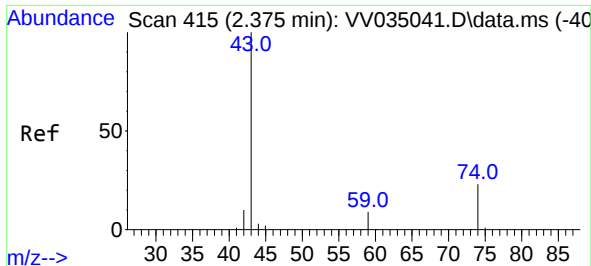
Tgt Ion: 76 Resp: 329495

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

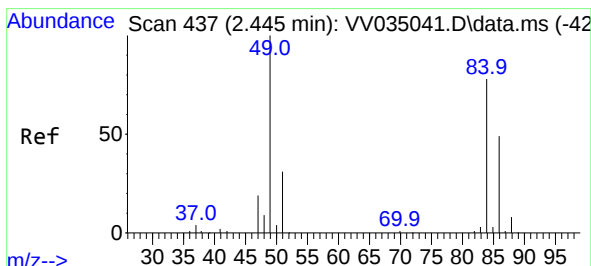
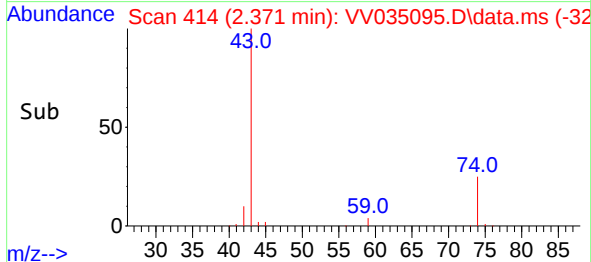
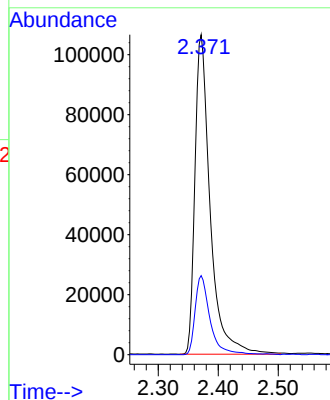
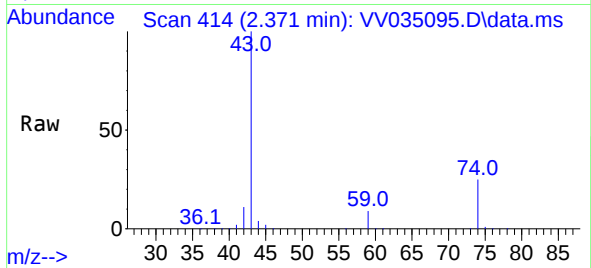




#15
Methyl Acetate
Concen: 65.030 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

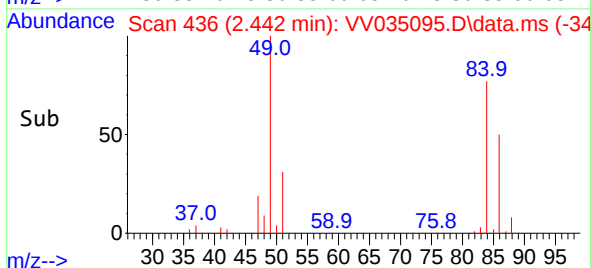
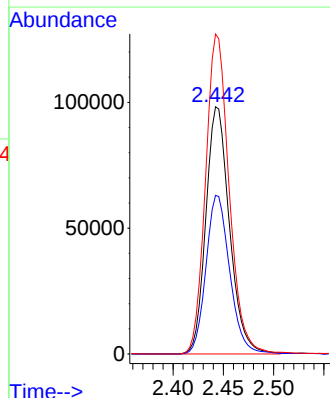
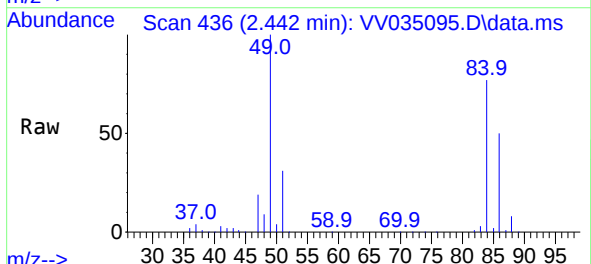
Instrument :
MSVOA_V
ClientSampleId :

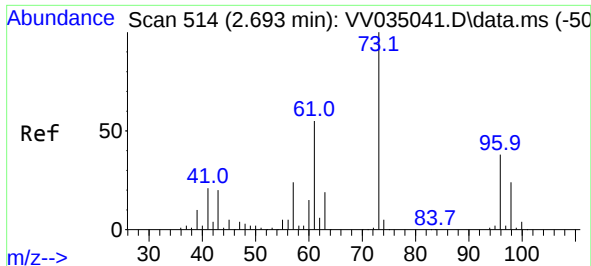
Tgt Ion: 43 Resp: 188459
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8



#16
Methylene chloride
Concen: 56.550 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

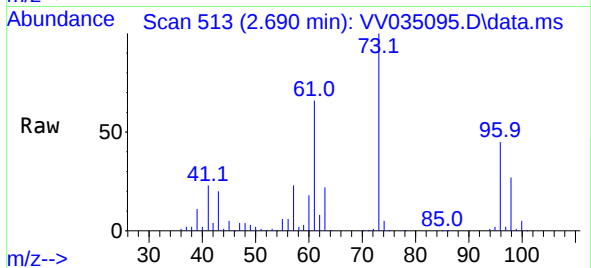
Tgt Ion: 84 Resp: 160827
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 129.4 86.9 161.3



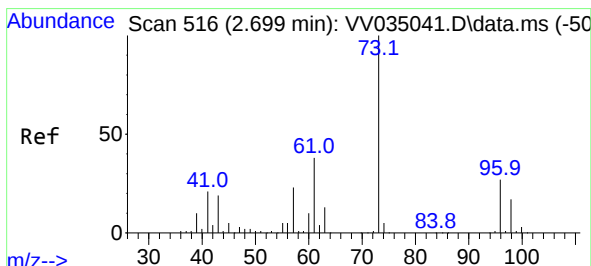
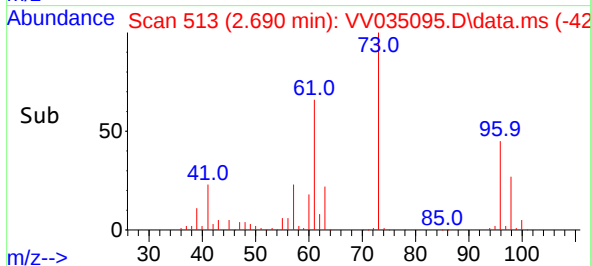
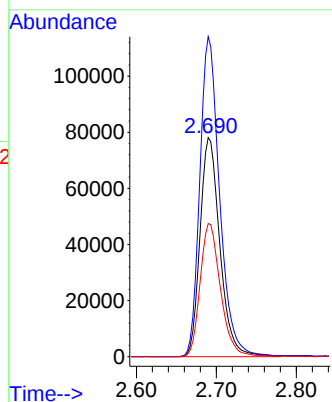


#17
trans-1,2-Dichloroethene
Concen: 53.240 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

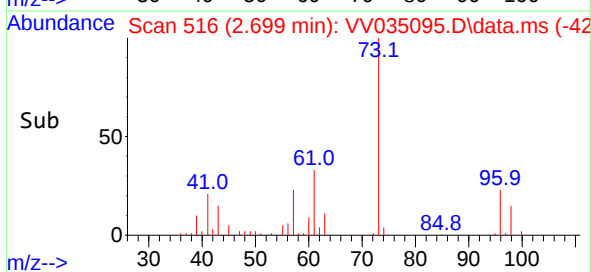
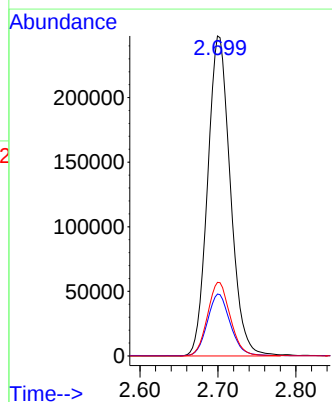
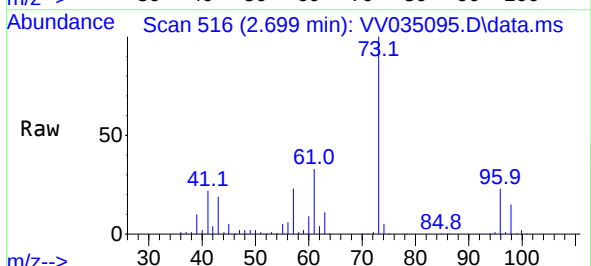


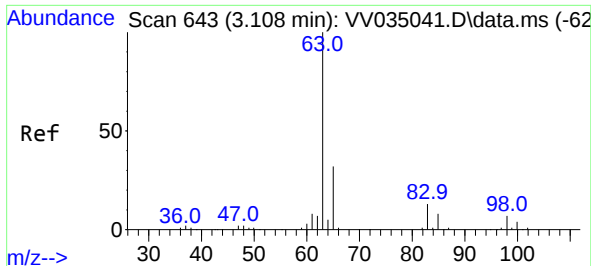
Tgt Ion: 96 Resp: 135102
Ion Ratio Lower Upper
96 100
61 146.1 99.0 183.8
98 60.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 56.302 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 73 Resp: 501836
Ion Ratio Lower Upper
73 100
43 19.2 14.6 21.8
57 23.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 58.919 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

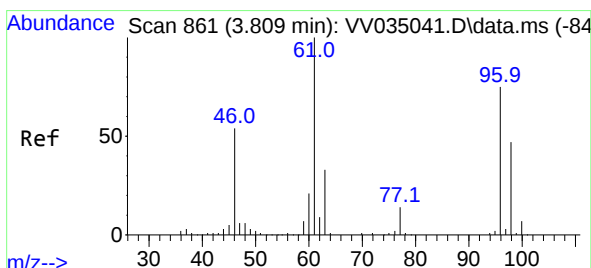
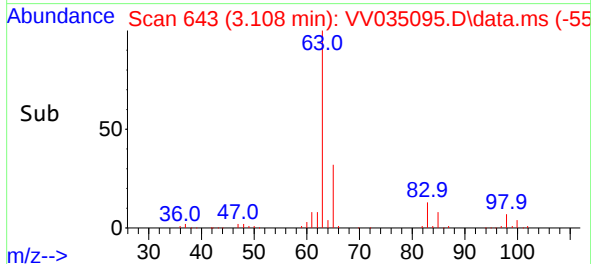
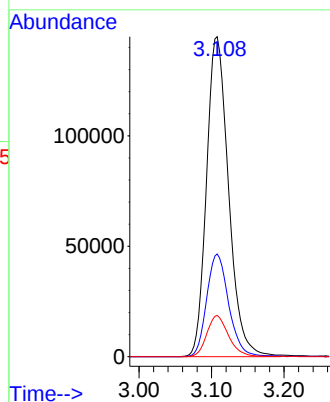
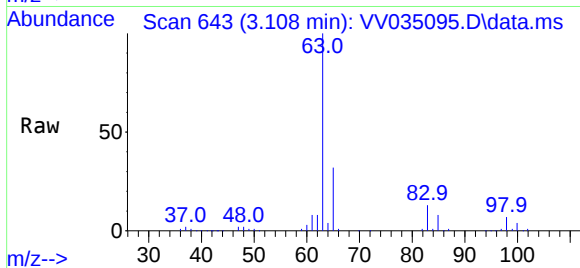
Tgt Ion: 63 Resp: 306605

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 55.850 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

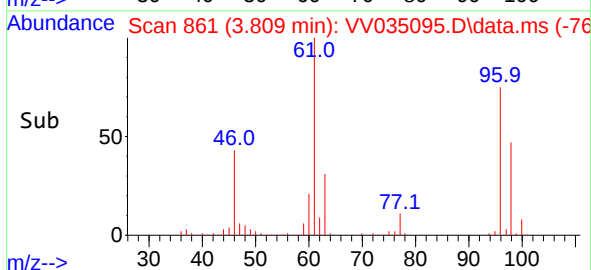
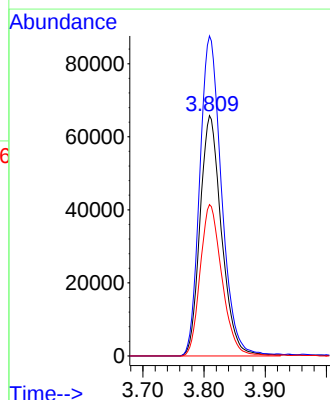
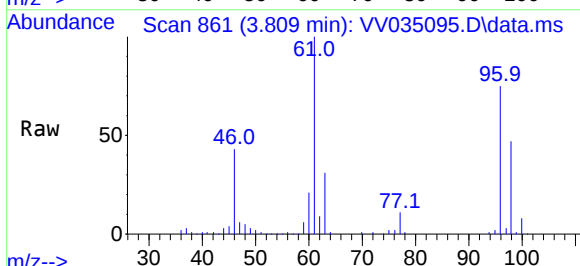
Tgt Ion: 96 Resp: 160936

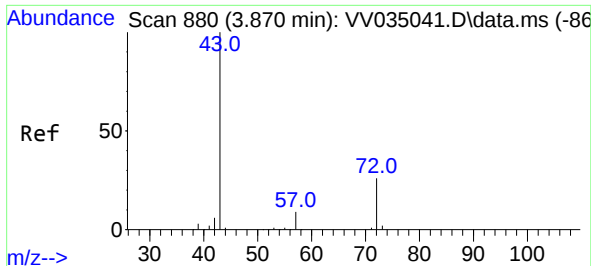
Ion Ratio Lower Upper

96 100

61 133.1 94.9 176.3

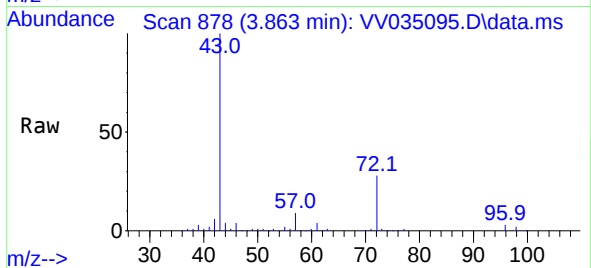
98 63.0 45.6 84.8



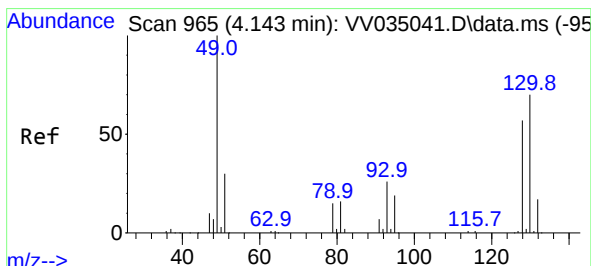
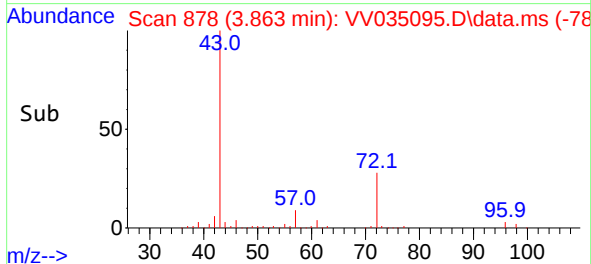
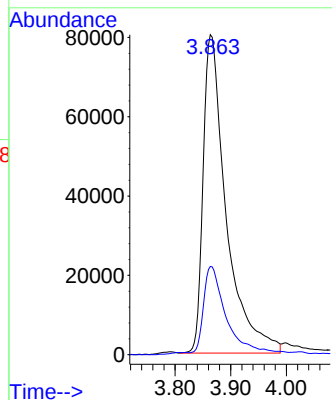


#22
2-Butanone
Concen: 108.569 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

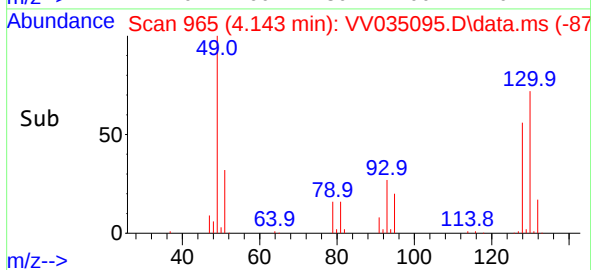
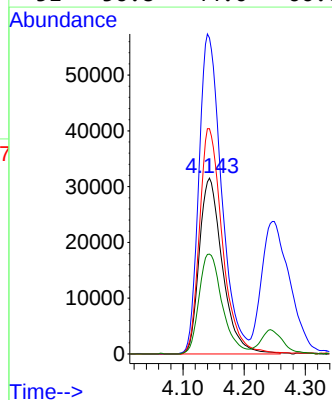
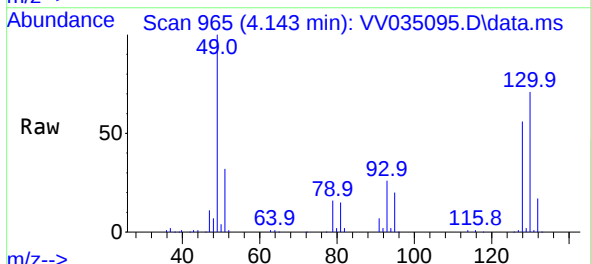


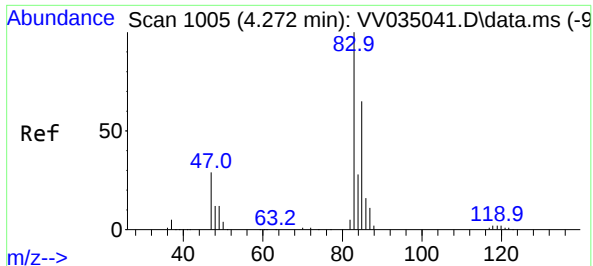
Tgt Ion: 43 Resp: 231687
Ion Ratio Lower Upper
43 100
72 25.1 13.2 39.6



#23
Bromochloromethane
Concen: 57.497 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion:128 Resp: 82895
Ion Ratio Lower Upper
128 100
49 179.7 123.8 229.8
130 128.1 93.2 173.0
51 56.8 44.0 66.0





#25

Chloroform

Concen: 58.241 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

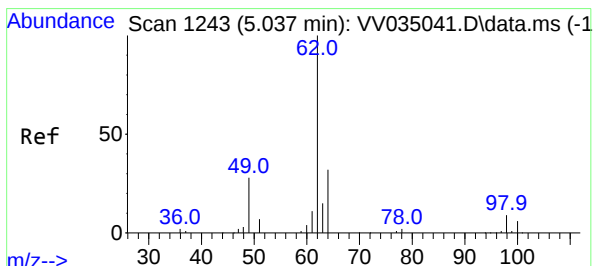
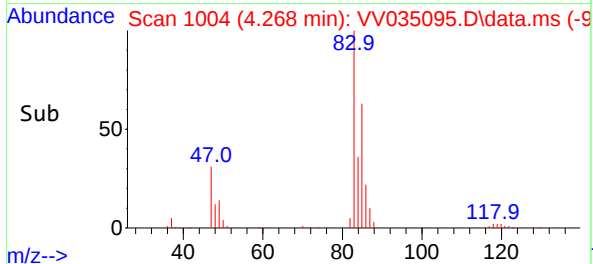
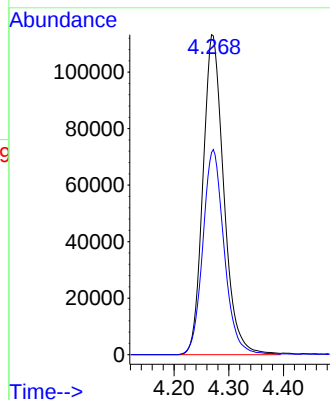
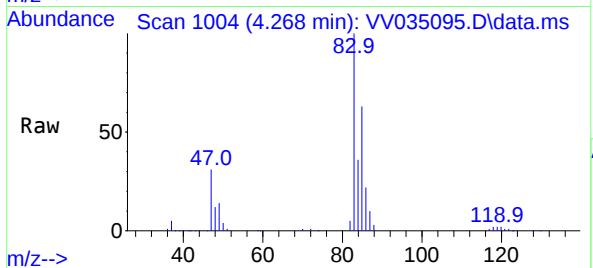
ClientSampleId :

Tgt Ion: 83 Resp: 299646

Ion Ratio Lower Upper

83 100

85 63.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 58.696 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035095.D

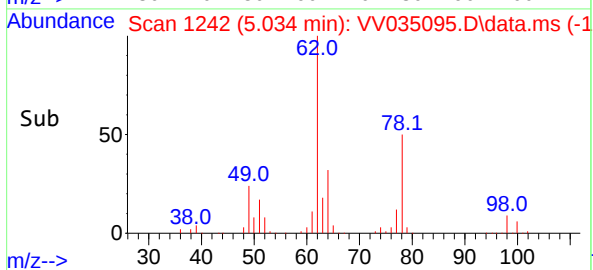
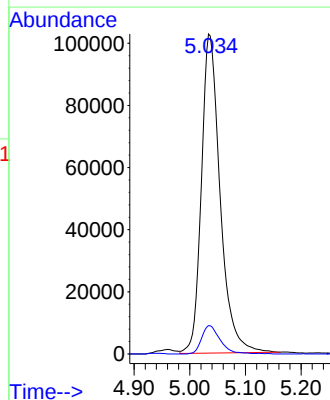
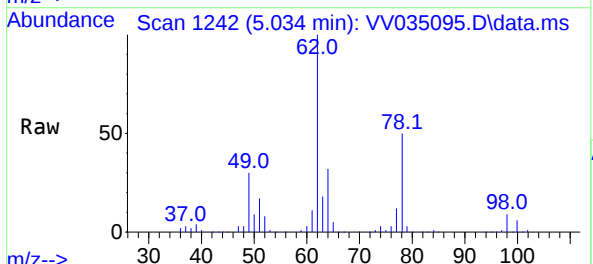
Acq: 10 Apr 2024 08:58

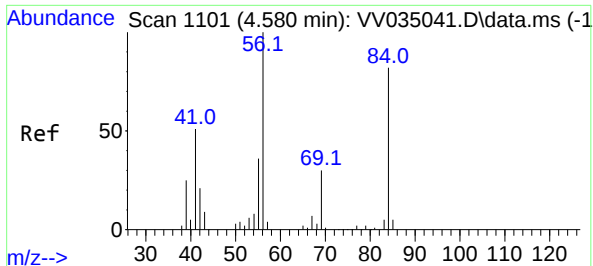
Tgt Ion: 62 Resp: 240438

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 51.162 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

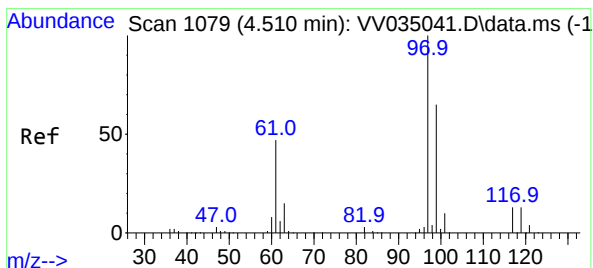
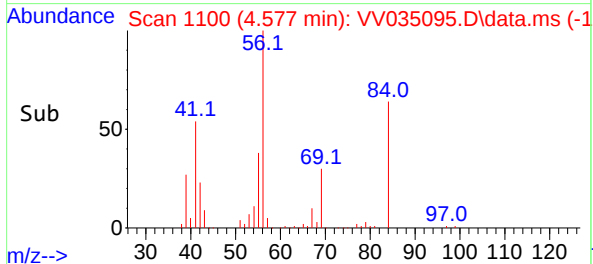
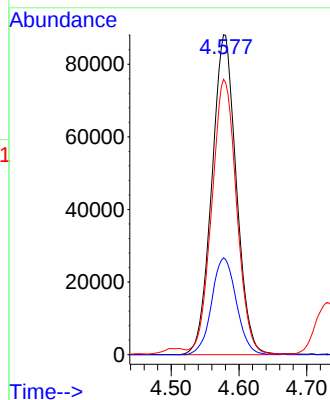
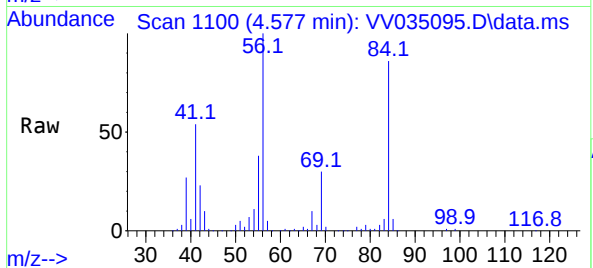
Tgt Ion: 56 Resp: 221376

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 86.5 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.907 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

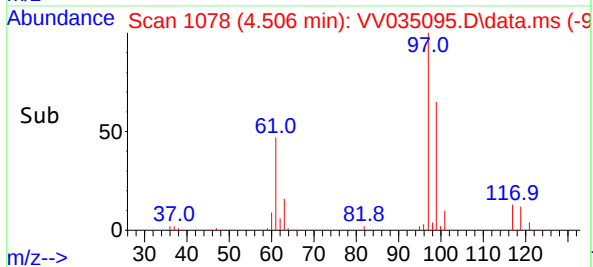
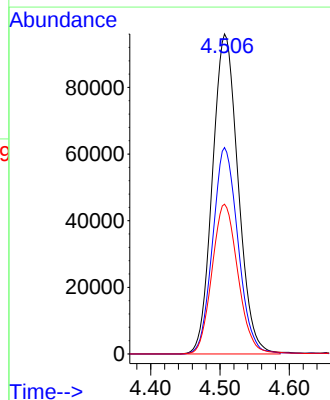
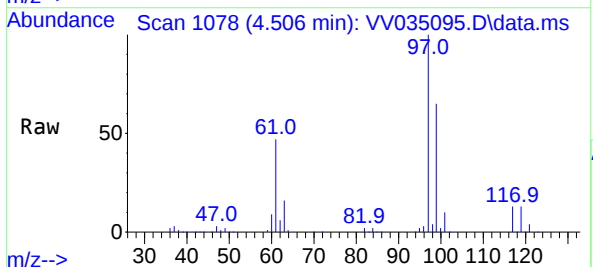
Tgt Ion: 97 Resp: 247258

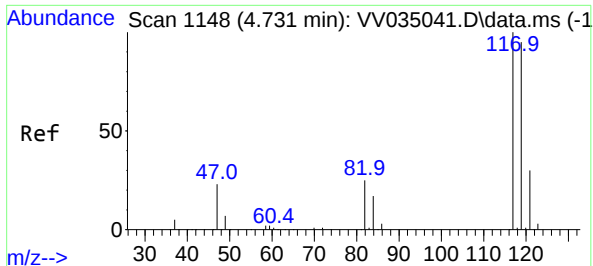
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 47.5 36.8 55.2

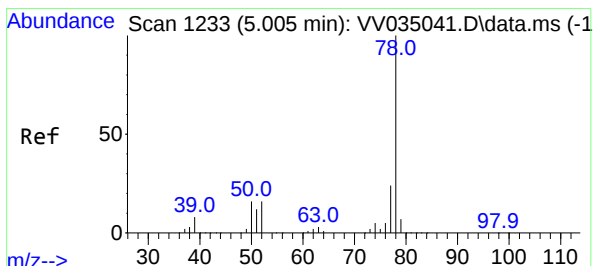
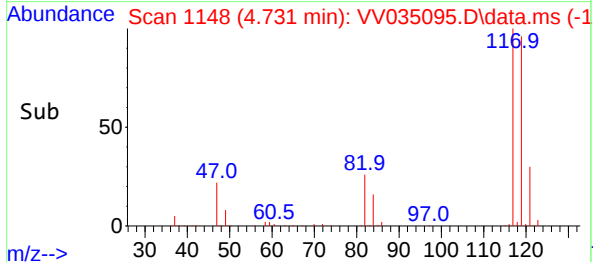
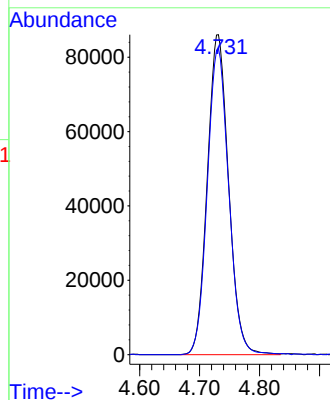
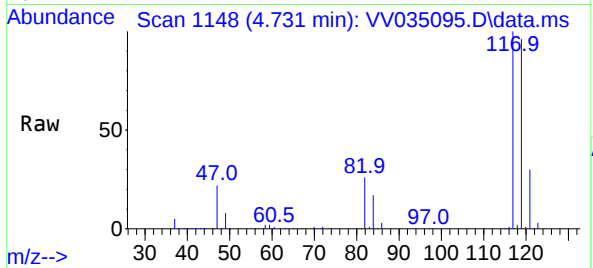




#31
Carbon tetrachloride
Concen: 55.664 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

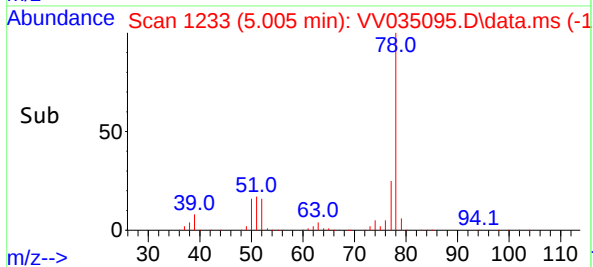
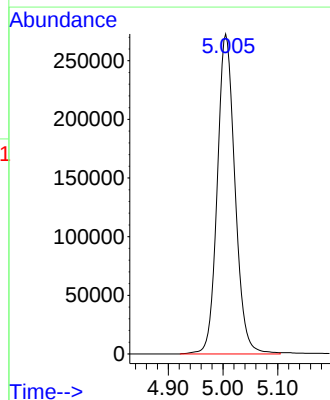
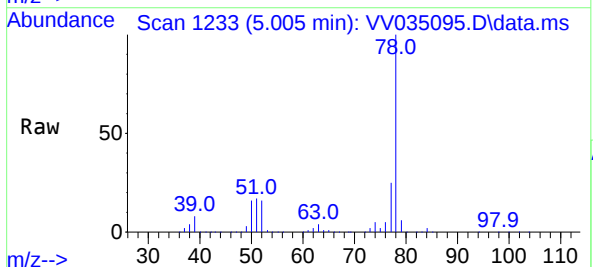
Instrument :
MSVOA_V
ClientSampleId :

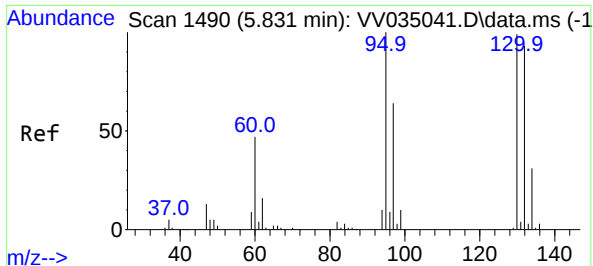
Tgt Ion:117 Resp: 212463
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 54.432 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 78 Resp: 613194

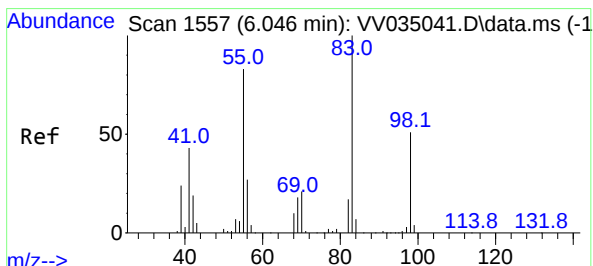
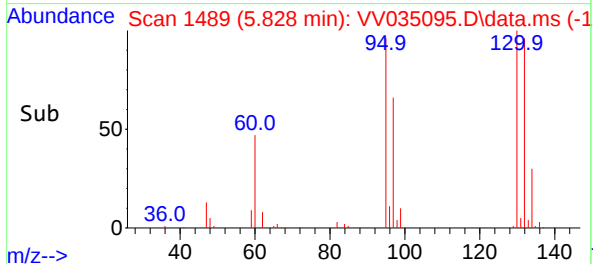
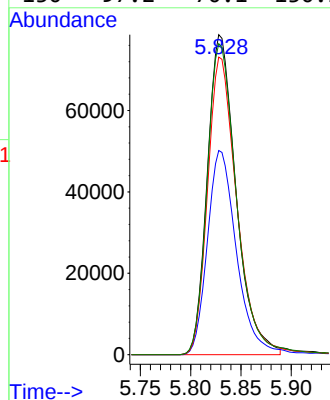
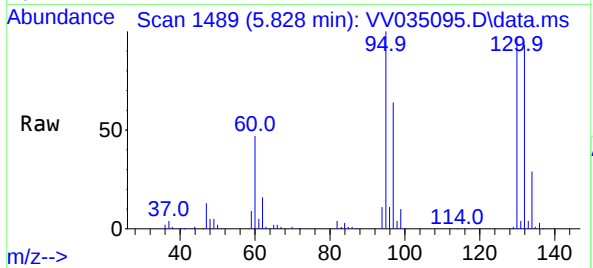




#34
Trichloroethene
Concen: 51.327 ug/L
RT: 5.828 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

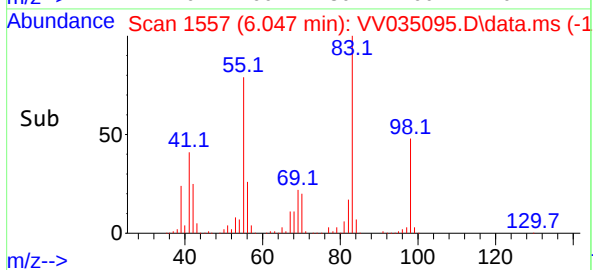
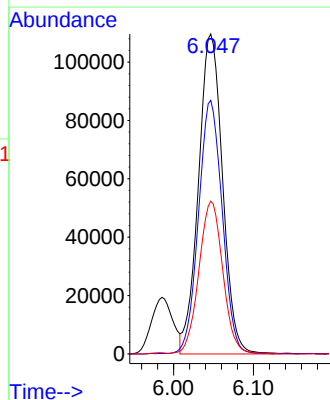
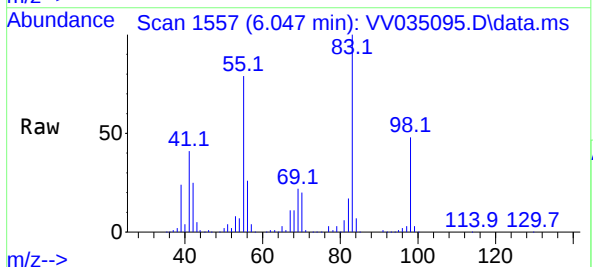
Instrument :
MSVOA_V
ClientSampleId :

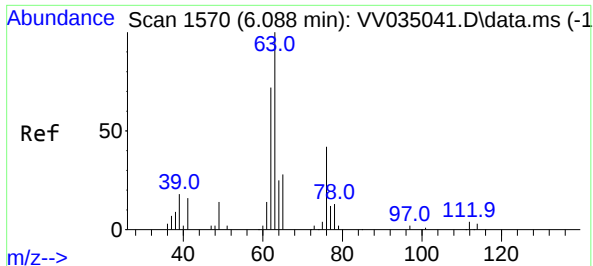
Tgt Ion: 95 Resp: 156046
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 93.0 65.3 121.3
130 97.2 70.1 130.3



#35
Methylcyclohexane
Concen: 50.096 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 83 Resp: 230015
Ion Ratio Lower Upper
83 100
55 77.8 60.0 90.0
98 47.4 37.6 56.4

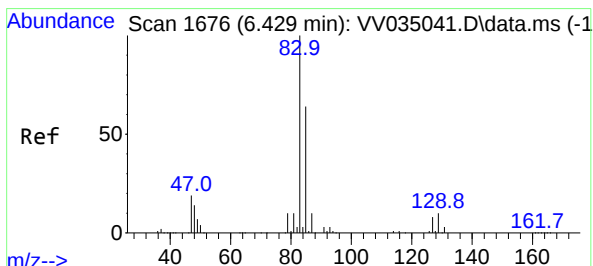
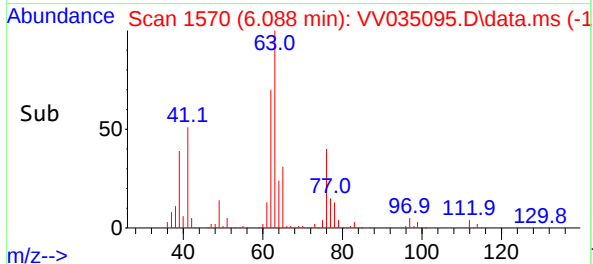
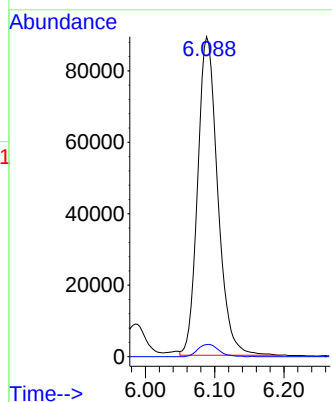
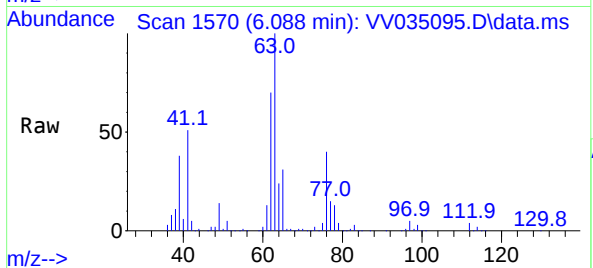




#37
1,2-Dichloropropane
Concen: 57.567 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

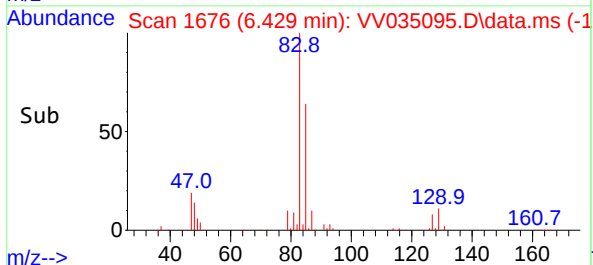
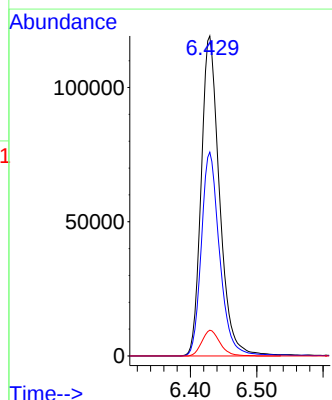
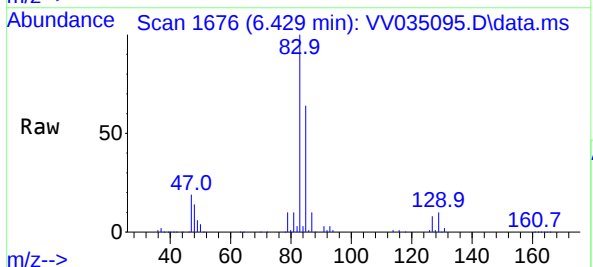
Instrument :
MSVOA_V
ClientSampleId :

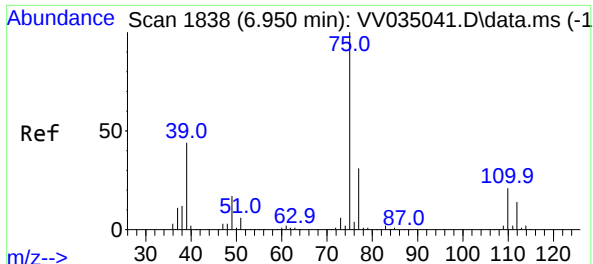
Tgt Ion: 63 Resp: 179220
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 56.888 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 83 Resp: 228508
Ion Ratio Lower Upper
83 100
85 63.7 43.7 81.1
127 8.1 6.4 9.6

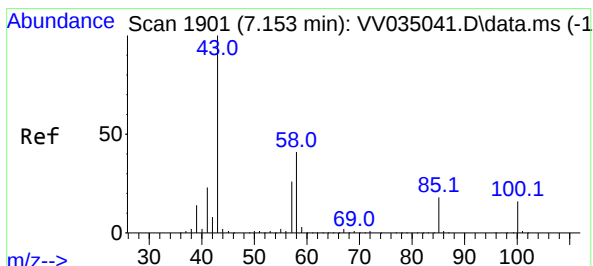
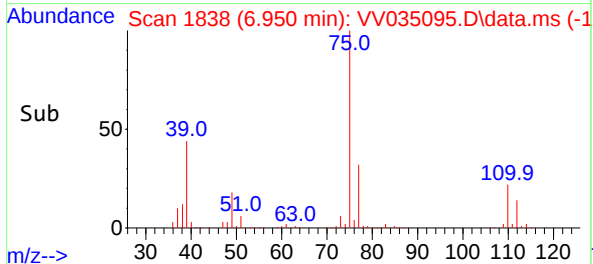
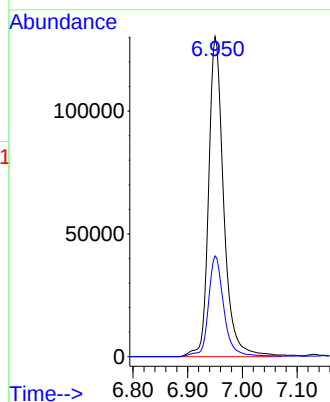
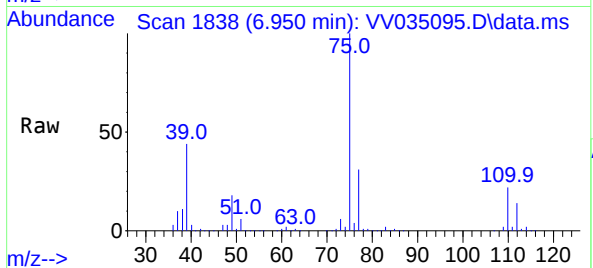




#39
cis-1,3-Dichloropropene
Concen: 50.938 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

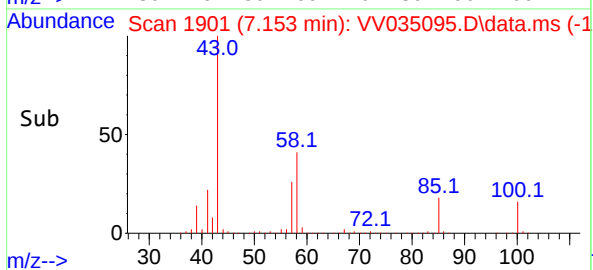
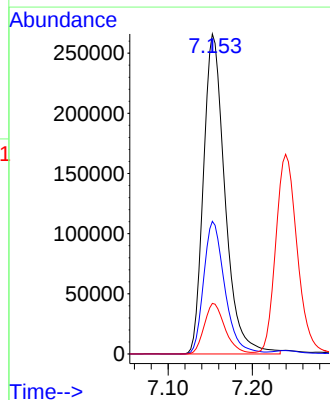
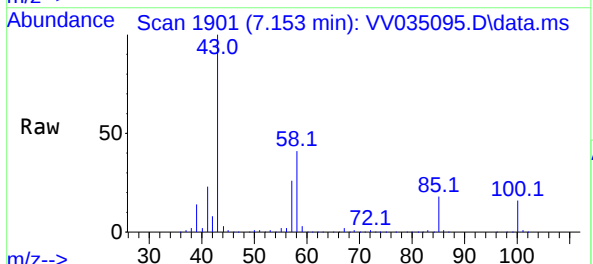
Instrument :
MSVOA_V
ClientSampleId :

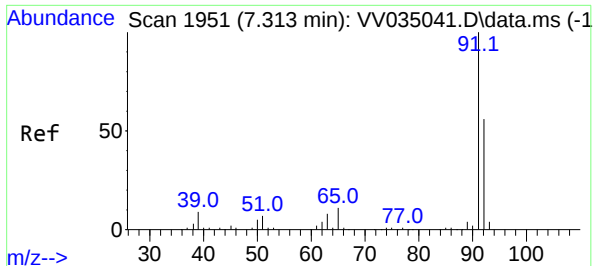
Tgt Ion: 75 Resp: 249815
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 119.112 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 43 Resp: 473452
Ion Ratio Lower Upper
43 100
58 40.8 33.8 50.8
100 15.3 13.0 19.4





#42

Toluene

Concen: 54.692 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

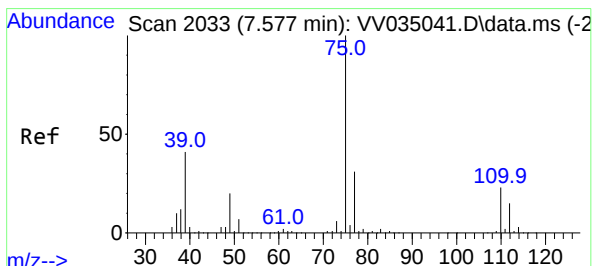
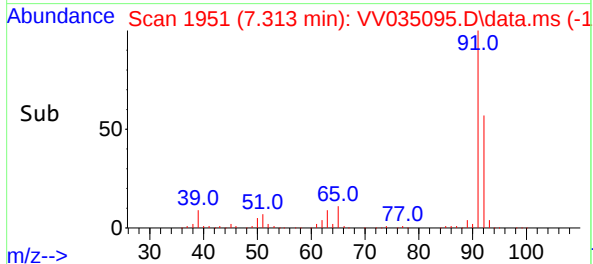
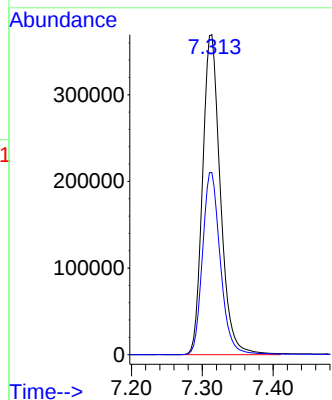
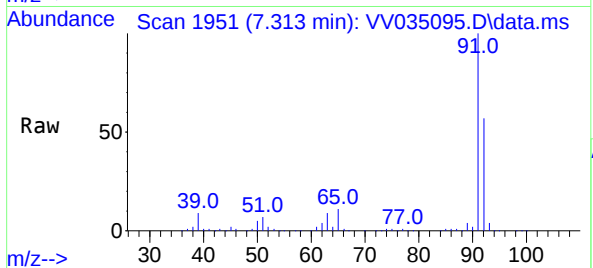
ClientSampleId :

Tgt Ion: 91 Resp: 645045

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.324 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035095.D

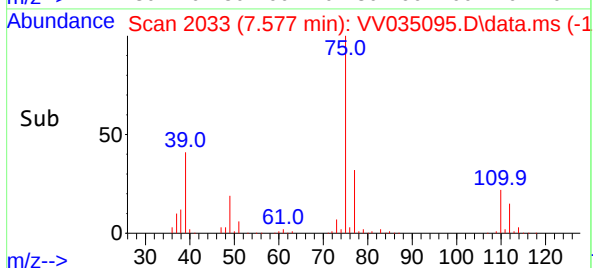
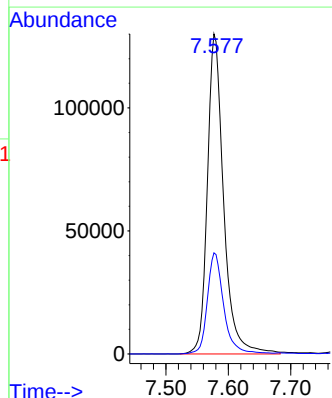
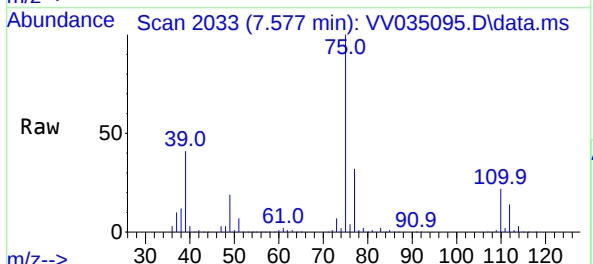
Acq: 10 Apr 2024 08:58

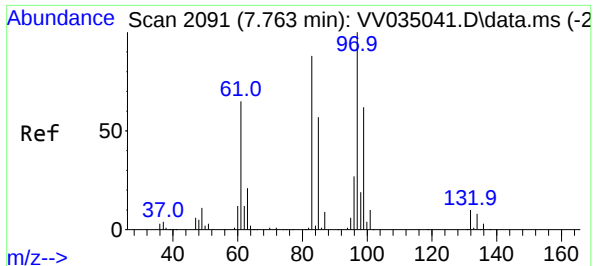
Tgt Ion: 75 Resp: 235756

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



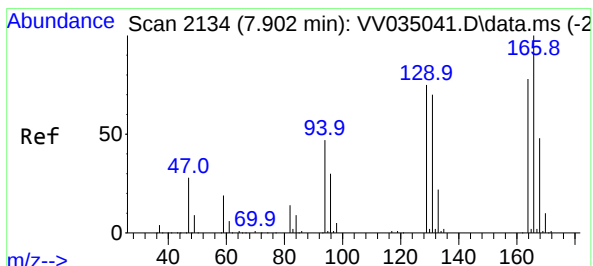
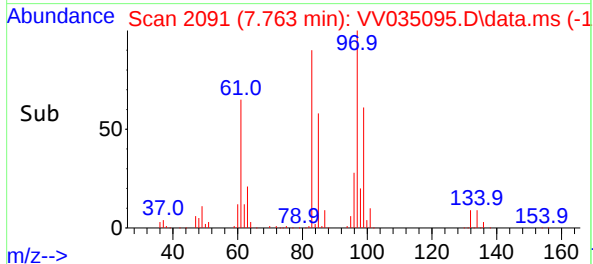
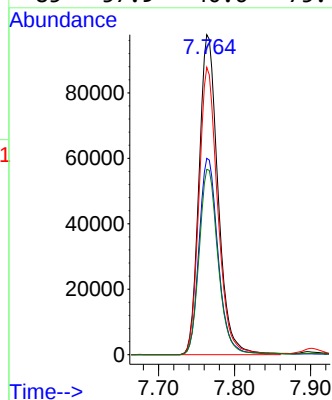
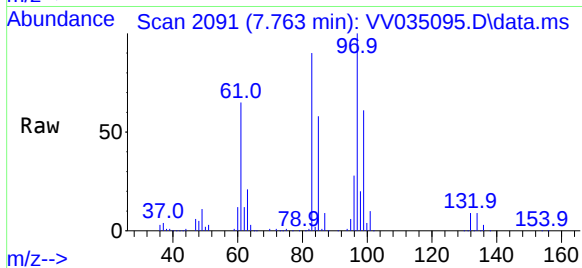


#45
1,1,2-Trichloroethane
Concen: 57.932 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 169992

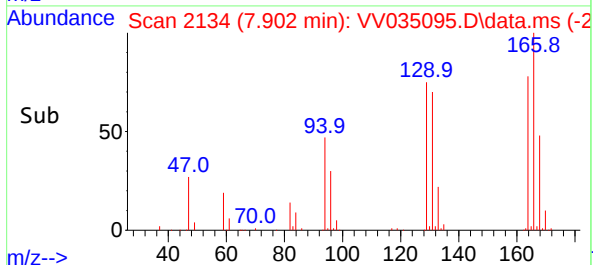
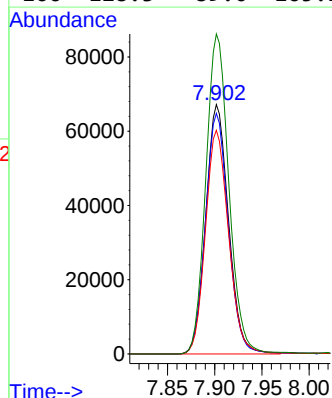
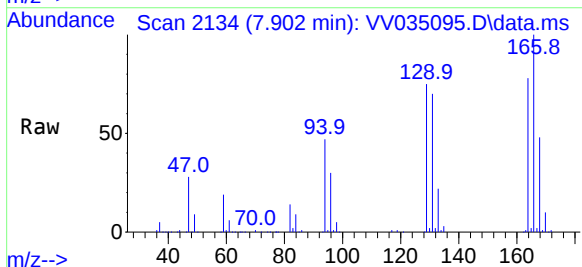
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.3	80.3
83	89.8	61.6	114.4
85	57.9	40.6	75.4

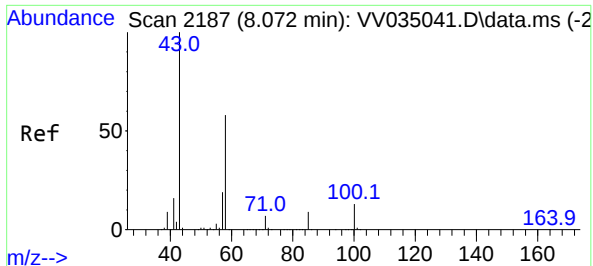


#46
Tetrachloroethene
Concen: 53.162 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 164 Resp: 112918

Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.6	127.4
131	89.7	65.7	122.1
166	128.3	89.0	165.2





#48

2-Hexanone

Concen: 111.051 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

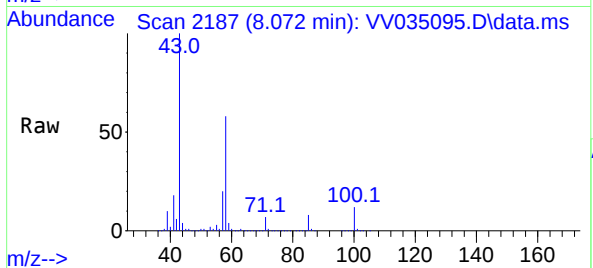
Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 375422

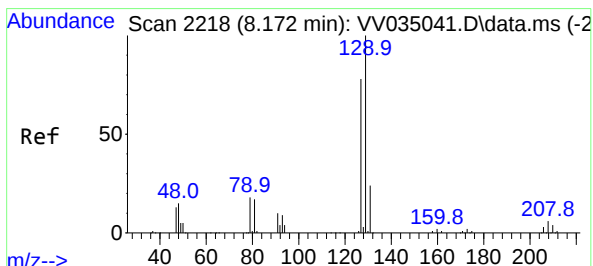
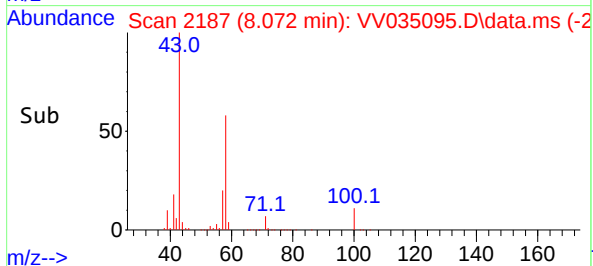
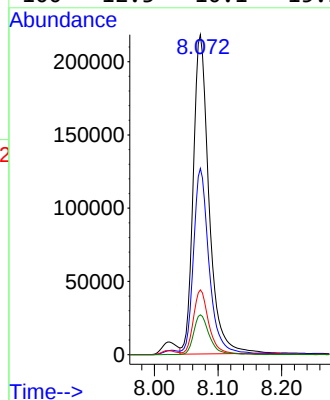
Ion Ratio Lower Upper

43 100

58 56.9 45.4 68.2

57 19.6 16.2 24.4

100 12.3 10.1 15.1



#49

Dibromochloromethane

Concen: 58.162 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV035095.D

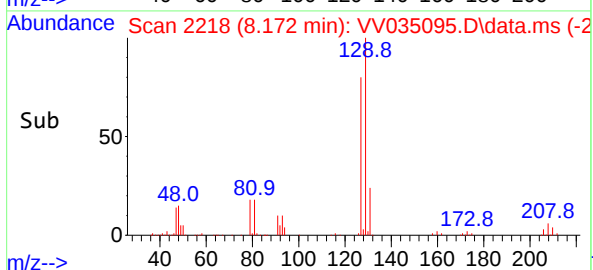
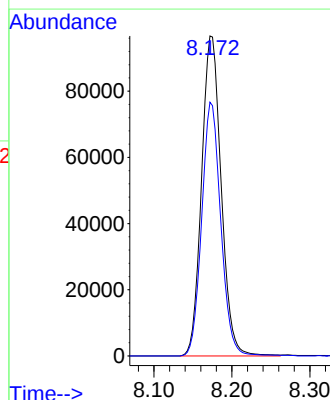
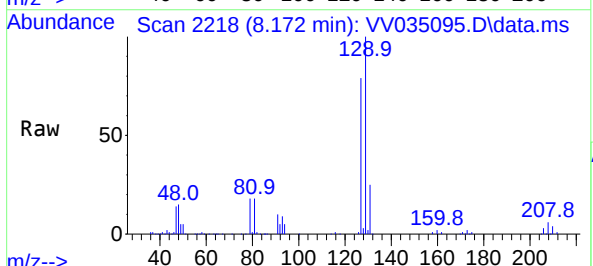
Acq: 10 Apr 2024 08:58

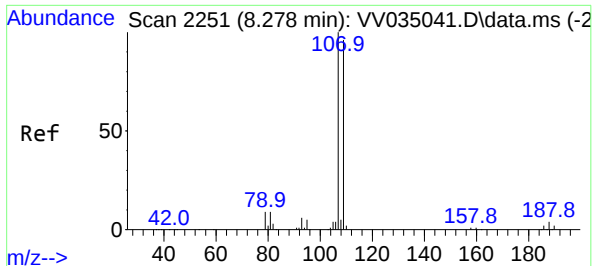
Tgt Ion:129 Resp: 169033

Ion Ratio Lower Upper

129 100

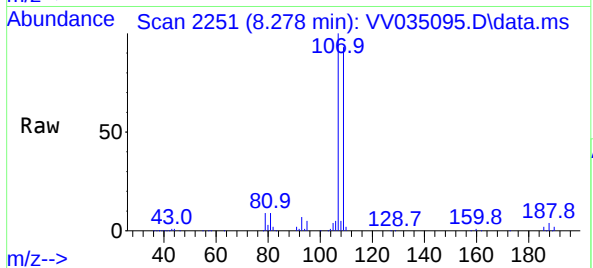
127 79.3 54.1 100.5



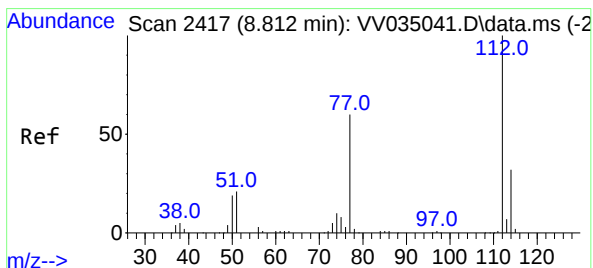
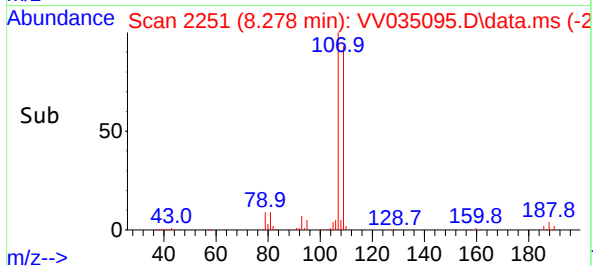
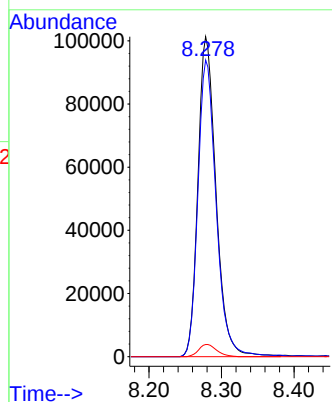


#50
1,2-Dibromoethane
Concen: 55.378 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

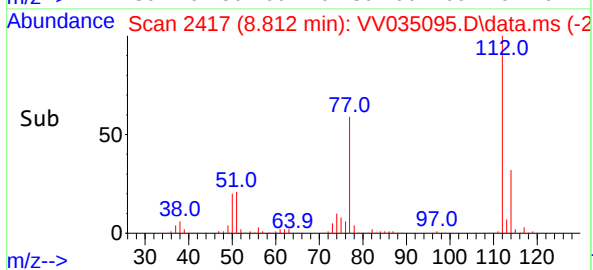
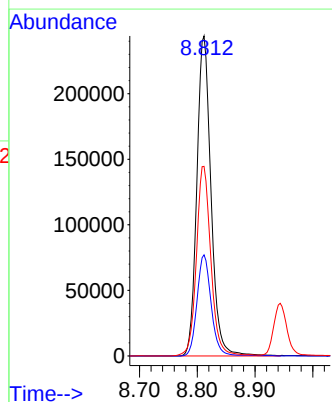
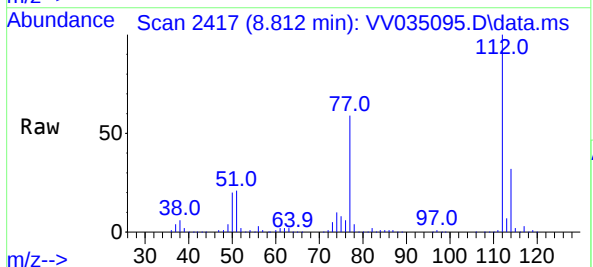


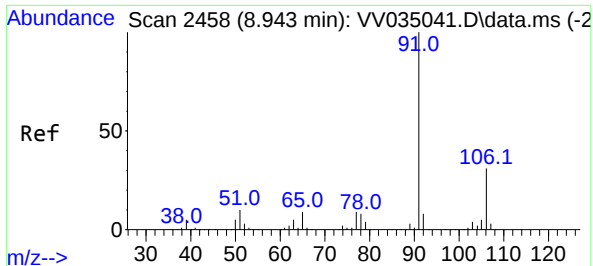
Tgt Ion:107 Resp: 174946
Ion Ratio Lower Upper
107 100
109 92.7 64.5 119.9
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 54.409 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion:112 Resp: 415898
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 59.3 47.4 71.2

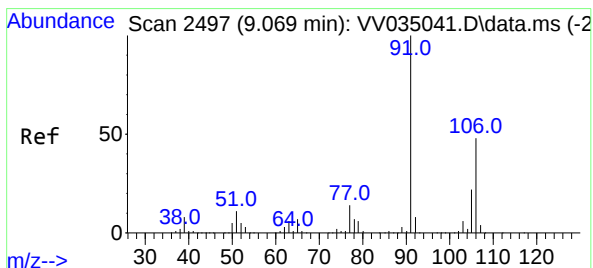
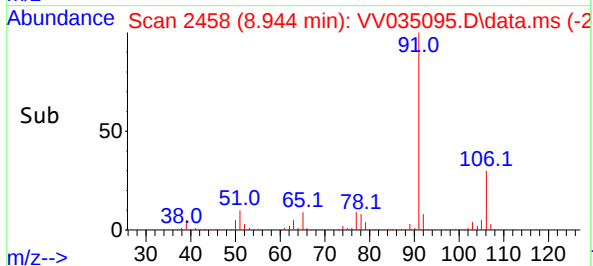
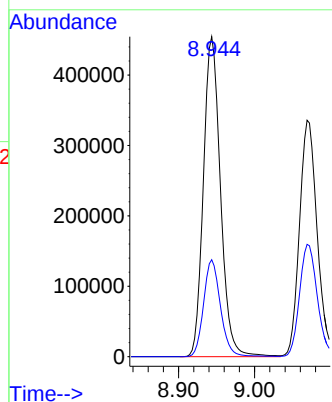
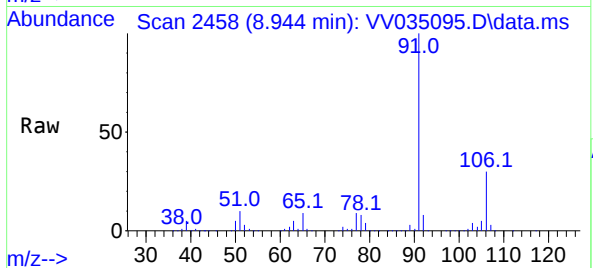




#52
Ethylbenzene
Concen: 54.193 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

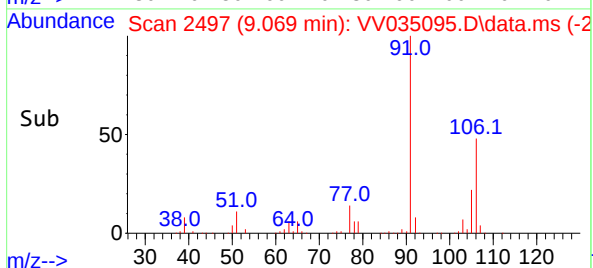
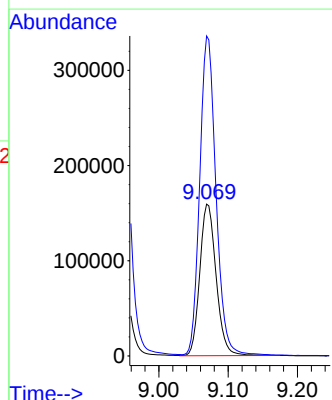
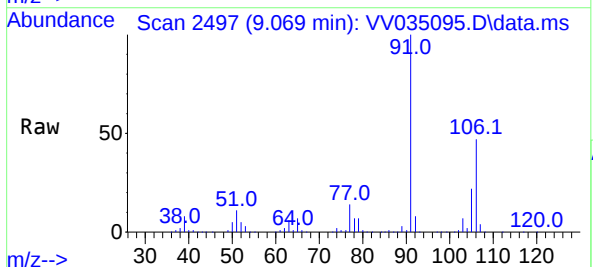
Instrument :
MSVOA_V
ClientSampleId :

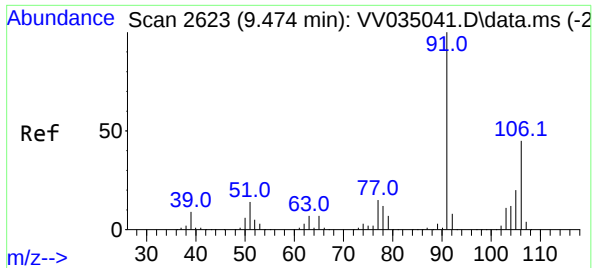
Tgt Ion: 91 Resp: 708366
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 54.175 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 106 Resp: 260779
Ion Ratio Lower Upper
106 100
91 210.6 144.8 269.0

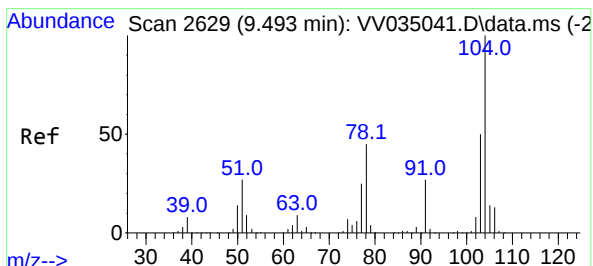
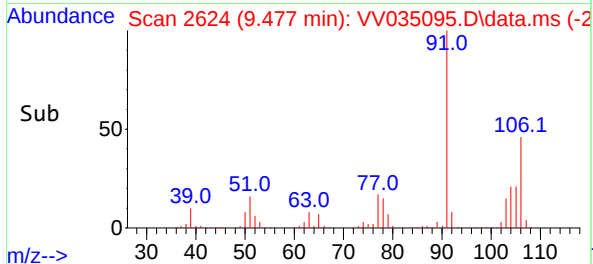
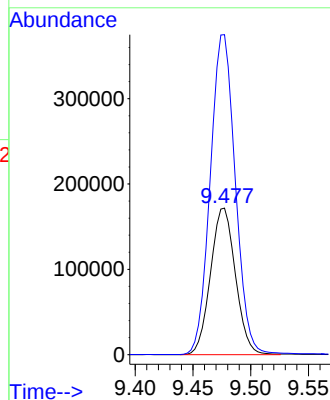
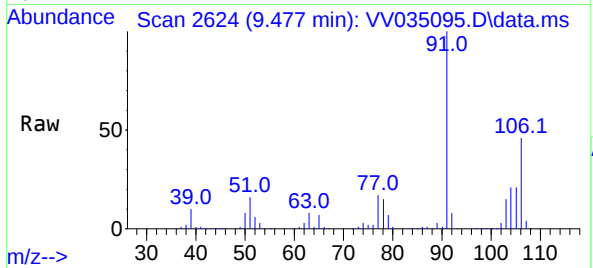




#54
o-Xylene
Concen: 54.247 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

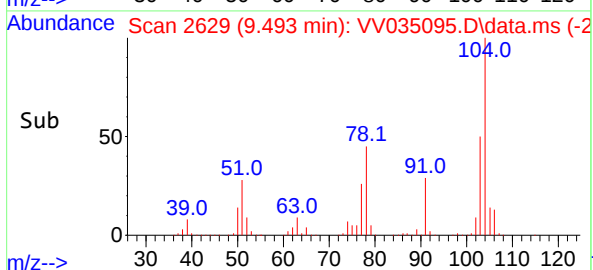
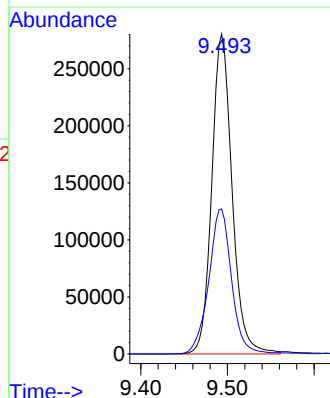
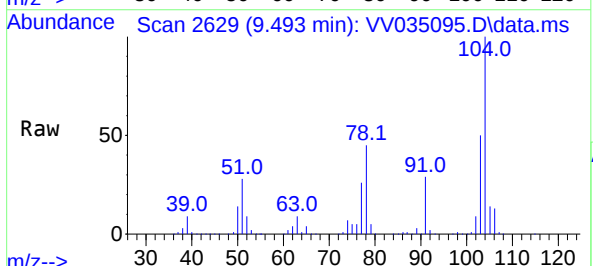
Instrument :
MSVOA_V
ClientSampleId :

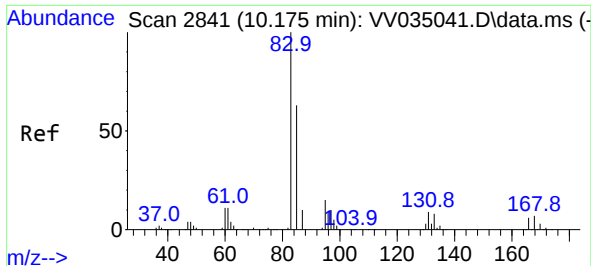
Tgt Ion:106 Resp: 258368
Ion Ratio Lower Upper
106 100
91 218.3 151.3 280.9



#55
Styrene
Concen: 56.706 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

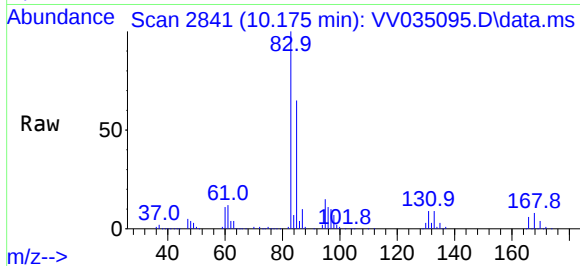
Tgt Ion:104 Resp: 456404
Ion Ratio Lower Upper
104 100
78 45.3 31.5 58.5



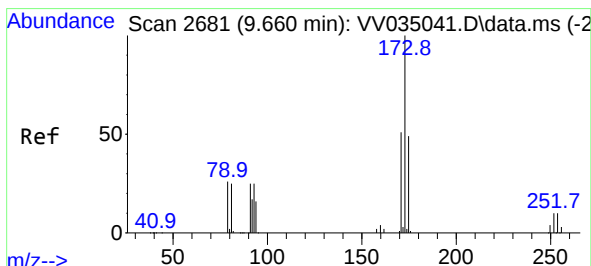
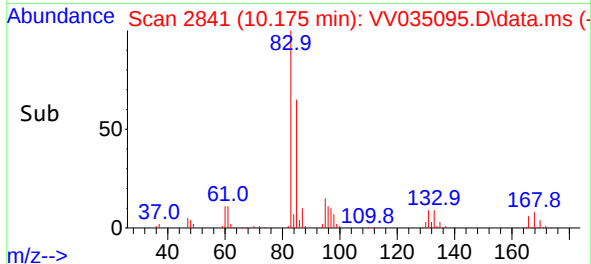
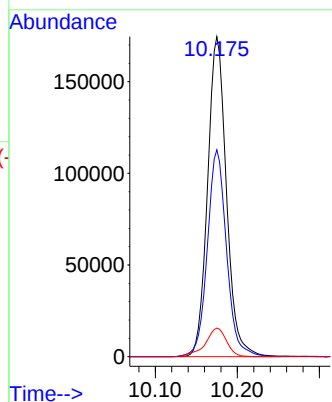


#57
1,1,2,2-Tetrachloroethane
Concen: 58.549 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :

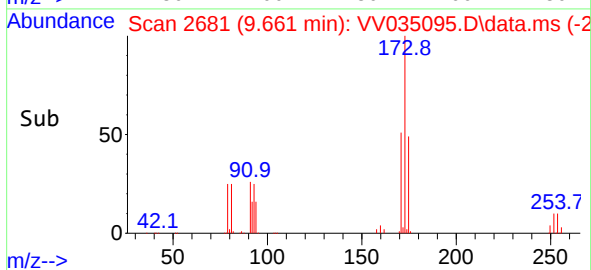
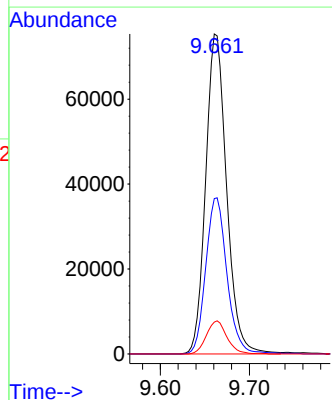
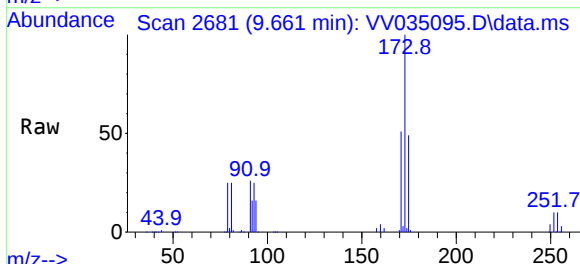


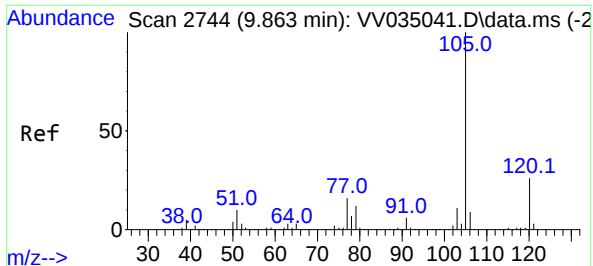
Tgt Ion: 83 Resp: 278359
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 60.545 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 173 Resp: 123014
Ion Ratio Lower Upper
173 100
175 49.5 39.3 58.9
254 10.1 7.5 11.3

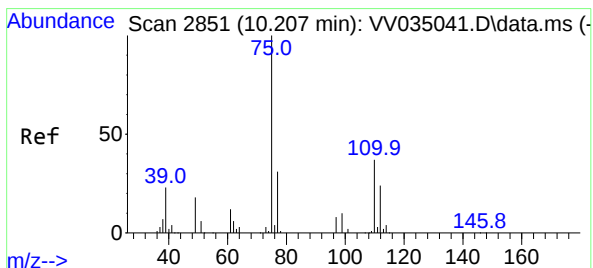
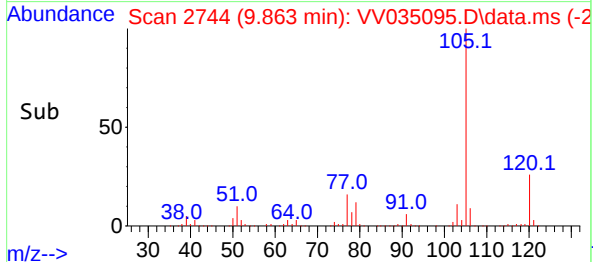
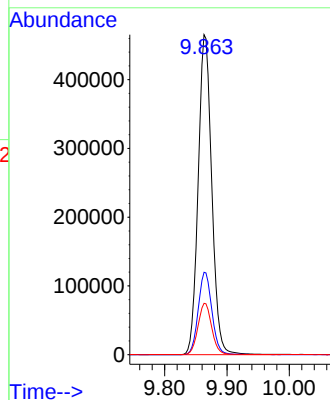
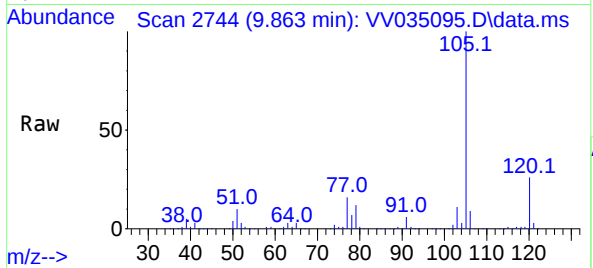




#60
Isopropylbenzene
Concen: 55.134 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

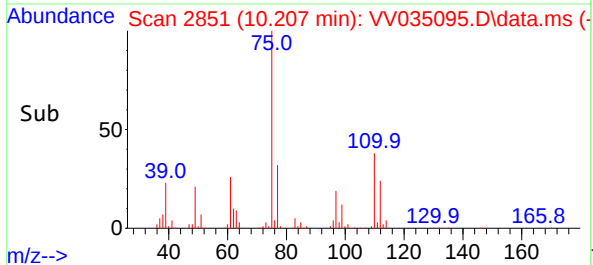
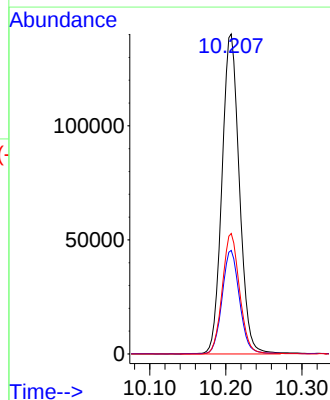
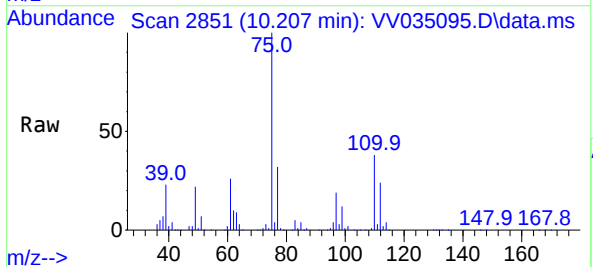
Instrument :
MSVOA_V
ClientSampleId :

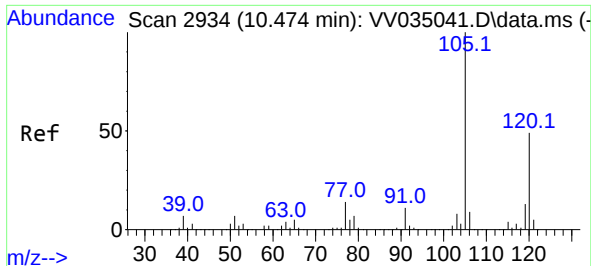
Tgt Ion:105 Resp: 704698
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 57.992 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion: 75 Resp: 222800
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 37.3 30.5 45.7

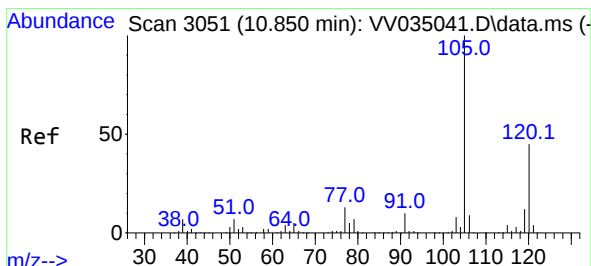
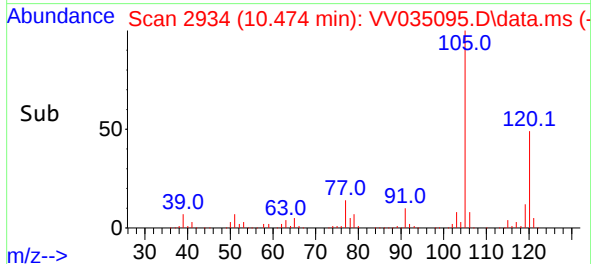
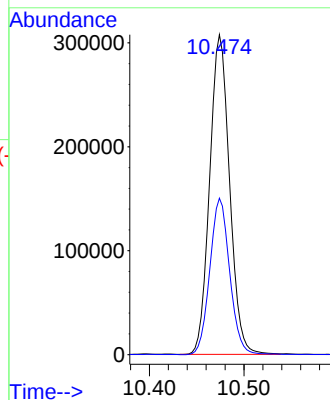
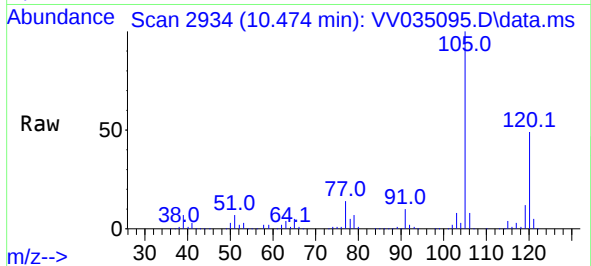




#62
1,3,5-Trimethylbenzene
Concen: 54.234 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

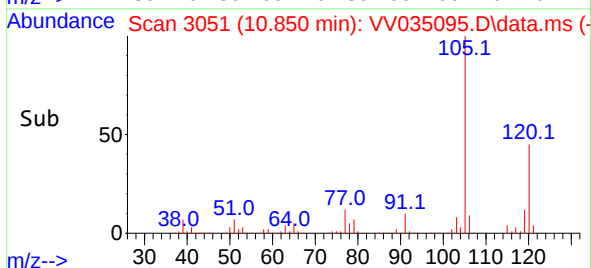
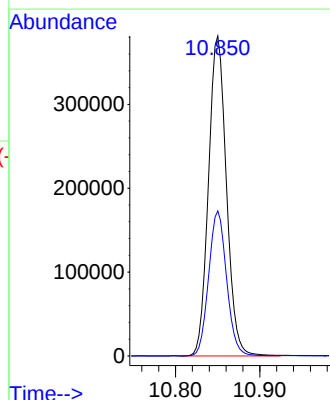
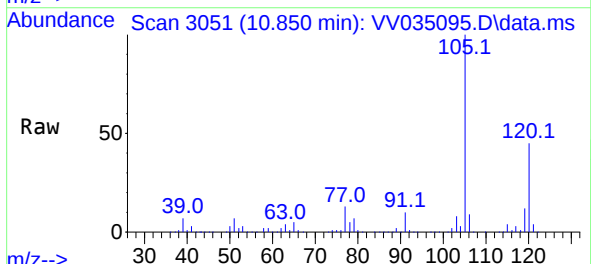
Instrument :
MSVOA_V
ClientSampleId :

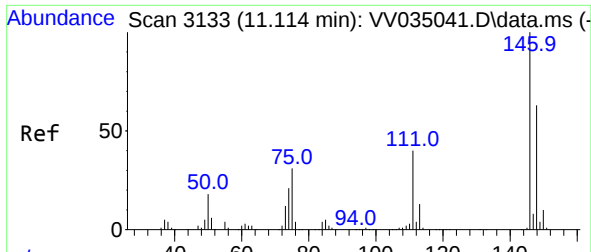
Tgt Ion:105 Resp: 450198
Ion Ratio Lower Upper
105 100
120 48.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 55.091 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion:105 Resp: 565408
Ion Ratio Lower Upper
105 100
120 45.4 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.176 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

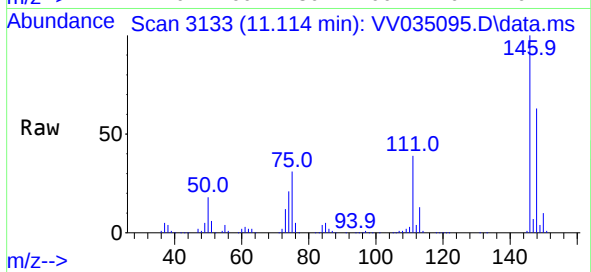
Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :



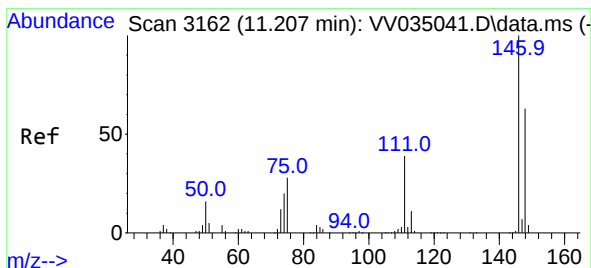
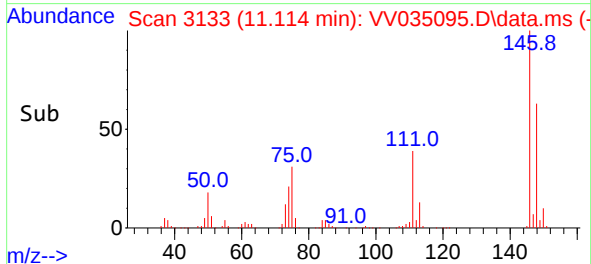
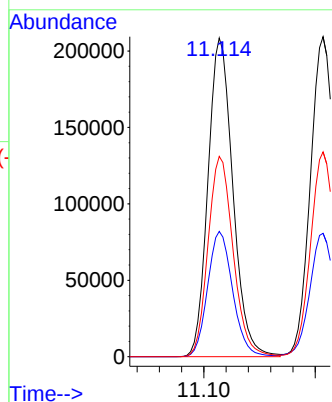
Tgt Ion:146 Resp: 323597

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 62.9 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 54.518 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

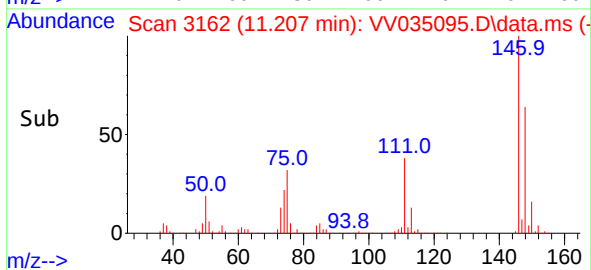
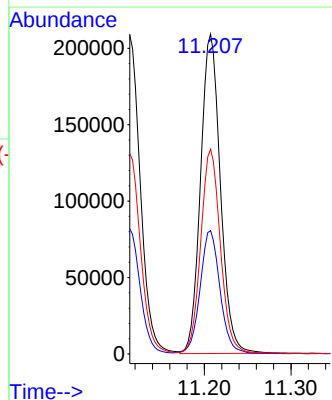
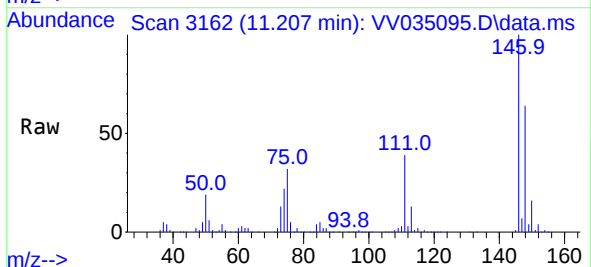
Tgt Ion:146 Resp: 331154

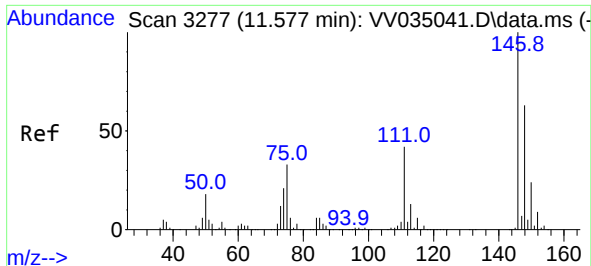
Ion Ratio Lower Upper

146 100

111 38.6 27.4 50.8

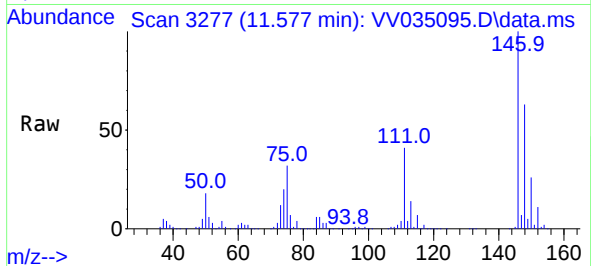
148 64.0 44.2 82.2



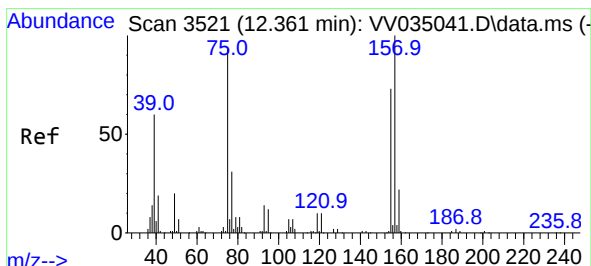
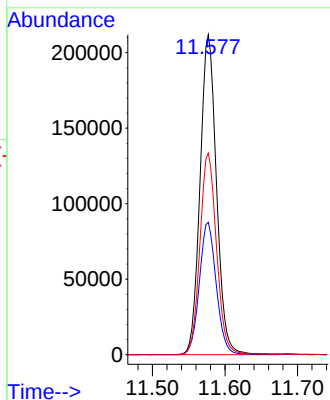
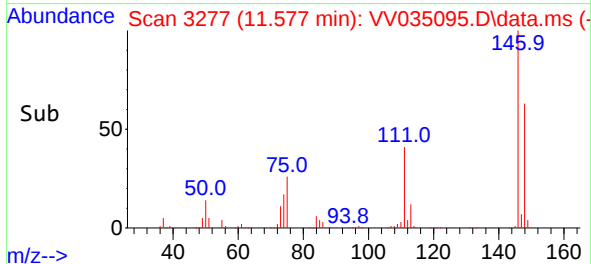


#67
1,2-Dichlorobenzene
Concen: 56.099 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

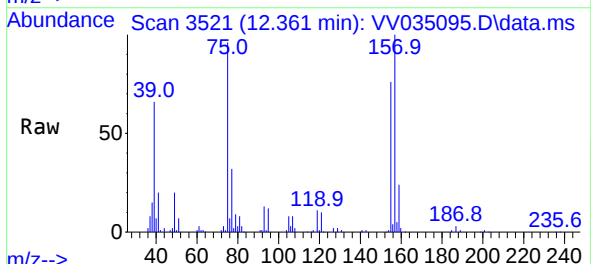
Instrument :
MSVOA_V
ClientSampleId :



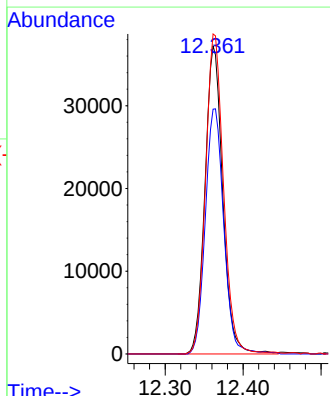
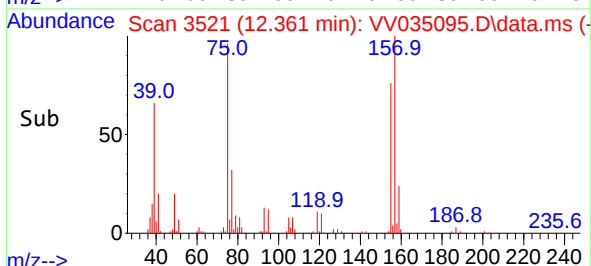
Tgt Ion:146 Resp: 333801
Ion Ratio Lower Upper
146 100
111 41.3 34.6 52.0
148 63.0 51.5 77.3

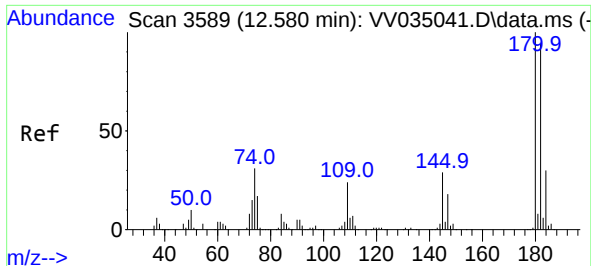


#68
1,2-Dibromo-3-chloropropane
Concen: 55.829 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58



Tgt Ion: 75 Resp: 59092
Ion Ratio Lower Upper
75 100
155 79.5 63.0 94.6
157 103.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 53.177 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

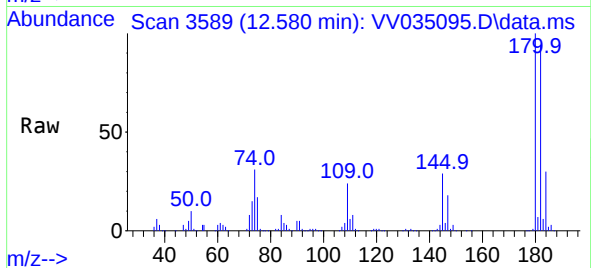
Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 228919

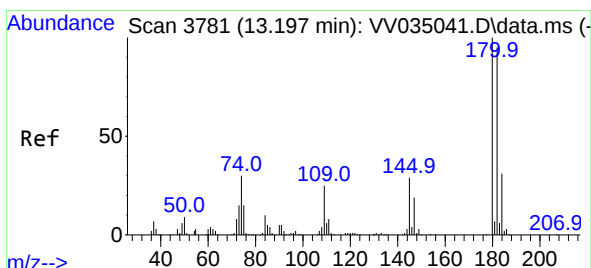
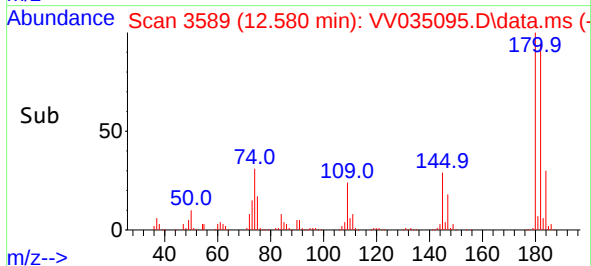
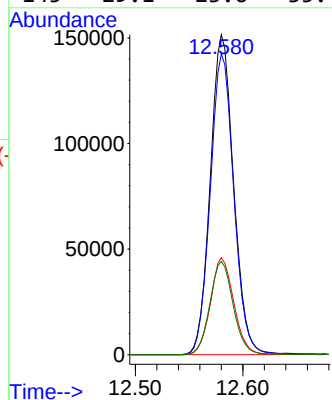
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

184 30.2 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.620 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035095.D

Acq: 10 Apr 2024 08:58

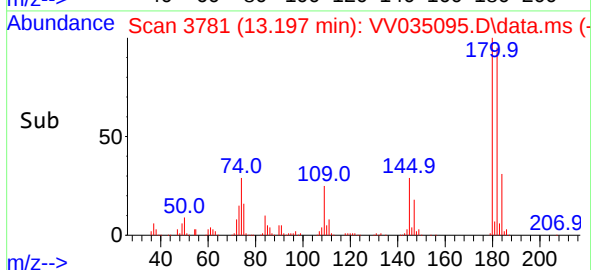
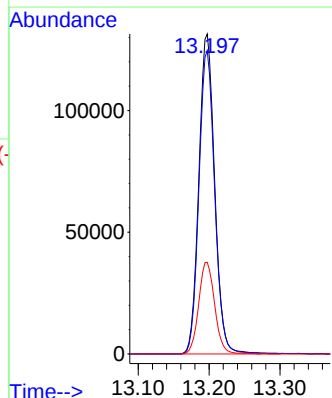
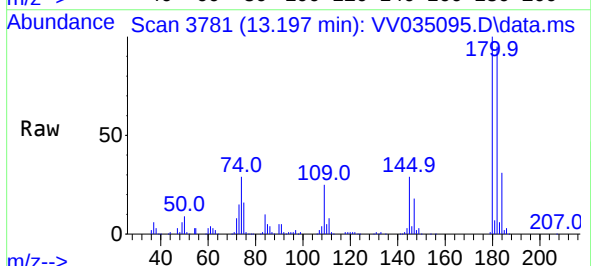
Tgt Ion:180 Resp: 204120

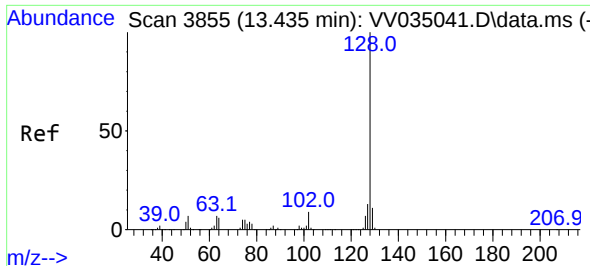
Ion Ratio Lower Upper

180 100

182 93.6 75.6 113.4

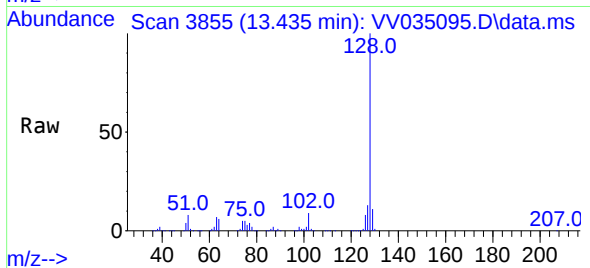
145 28.7 24.1 36.1



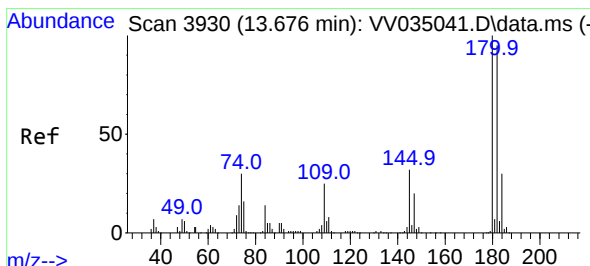
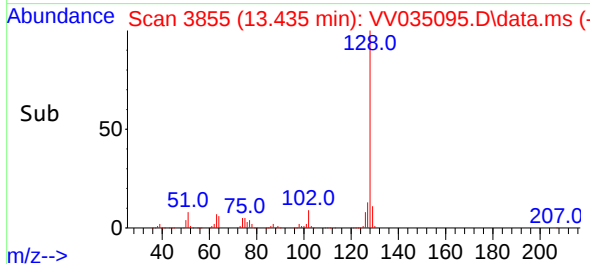
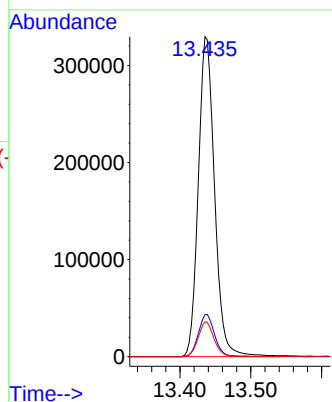


#71
Naphthalene
Concen: 47.974 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 526310
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 55.109 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV035095.D
Acq: 10 Apr 2024 08:58

Tgt Ion:180 Resp: 214806
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 31.0 25.8 38.6

