

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033320.D
 Acq On : 14 Dec 2023 09:05
 Operator : SY/MD
 Sample : 05770-10MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY81MS

Quant Time: Dec 14 11:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	133809	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	79014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42067	4.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.532	69	31880	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.060	65	16552	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.806	46	56143	55.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.620%
24) Chloroform-d	4.249	84	96566	5.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	4.944	65	41554	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.960	84	180186	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.989	67	41127	5.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.243	98	180195	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.555	79	17909	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.030	63	62176	60.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	30852	5.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	74096	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	85422	5.118	ug/L	98
3) Chloromethane	1.214	50	48404	5.072	ug/L	98
5) Vinyl chloride	1.282	62	45991	4.762	ug/L	97
6) Bromomethane	1.487	94	24123	3.810	ug/L	99
8) Chloroethane	1.552	64	24330	4.366	ug/L	97
9) Trichlorofluoromethane	1.716	101	87974	4.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40445	4.936	ug/L	98
12) 1,1-Dichloroethene	2.072	96	39075	5.101	ug/L	83
13) Acetone	2.137	43	34303	47.744	ug/L #	54
14) Carbon disulfide	2.243	76	121694	4.878	ug/L	99
15) Methyl Acetate	2.384	43	7854	4.125	ug/L #	89
16) Methylene chloride	2.449	84	39575	4.485	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	78281	4.962	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	45298	4.883	ug/L	95
19) 1,1-Dichloroethane	3.111	63	70480	4.842	ug/L	98
21) 2-Butanone	3.886	43	49967	47.739	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	51772	5.403	ug/L	97
23) Bromochloromethane	4.150	128	21151	5.111	ug/L	95
25) Chloroform	4.278	83	88984	5.185	ug/L	97

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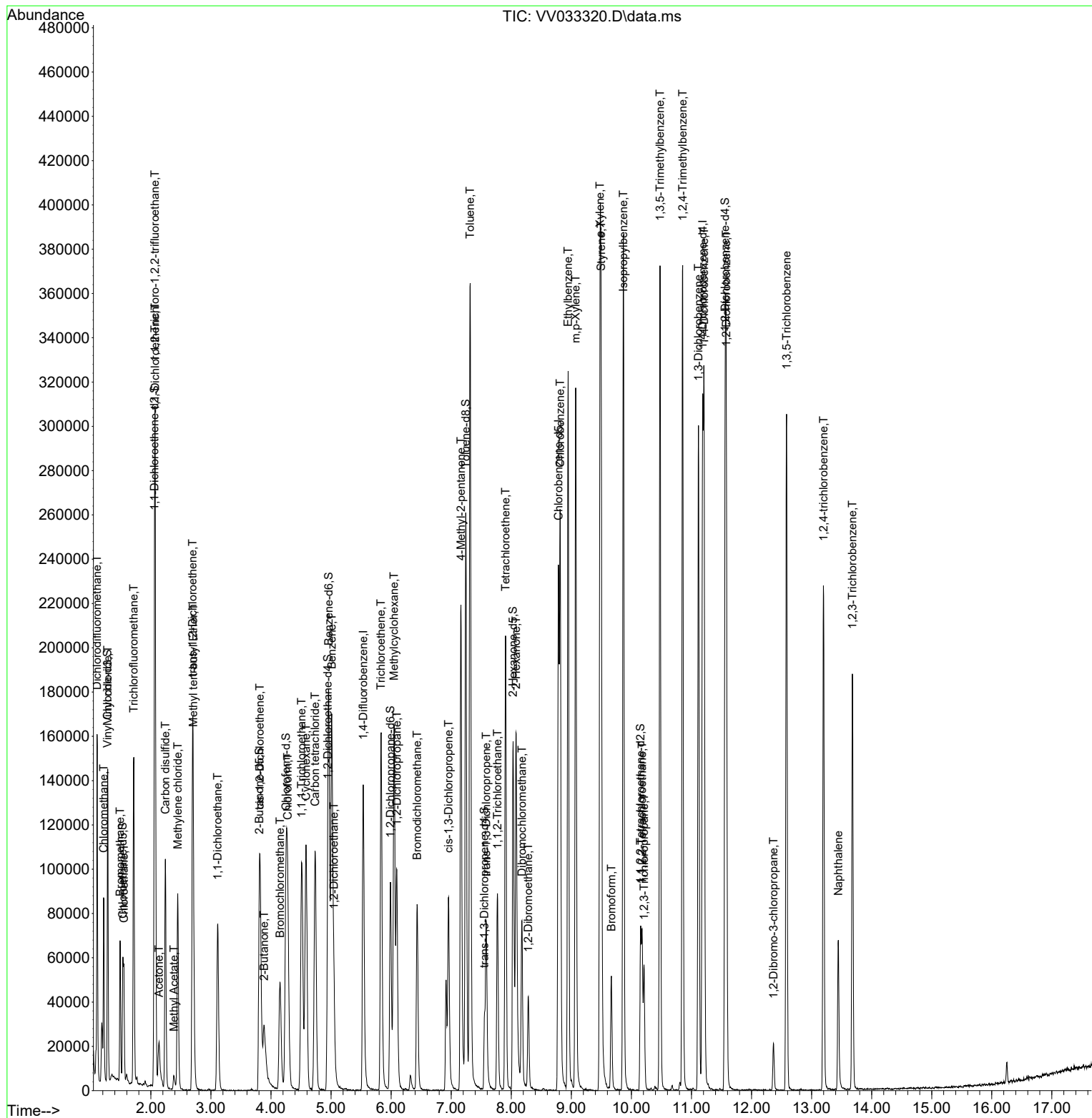
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	48702	5.170	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	91486	4.822	ug/L	98
30) Cyclohexane	4.584	56	55146	4.555	ug/L	93
31) Carbon tetrachloride	4.735	117	87024	4.910	ug/L	97
33) Benzene	5.011	78	178509	4.869	ug/L	100
34) Trichloroethene	5.831	95	56047	5.243	ug/L	99
35) Methylcyclohexane	6.050	83	72692	4.591	ug/L	100
37) 1,2-Dichloropropane	6.095	63	33394	4.528	ug/L	100
38) Bromodichloromethane	6.432	83	59225	5.004	ug/L	95
39) cis-1,3-Dichloropropene	6.957	75	55755	4.656	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	135267	51.838	ug/L	99
42) Toluene	7.317	91	279561	6.657	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	46779	4.686	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	28021	4.934	ug/L	93
47) Tetrachloroethene	7.905	164	49132	4.854	ug/L	98
48) 2-Hexanone	8.082	43	101094	53.753	ug/L	99
49) Dibromochloromethane	8.178	129	39374	4.943	ug/L	98
50) 1,2-Dibromoethane	8.284	107	27144	5.147	ug/L	100
51) Chlorobenzene	8.815	112	146241	5.084	ug/L	99
52) Ethylbenzene	8.947	91	228081	4.848	ug/L	99
53) m,p-Xylene	9.072	106	95379	4.926	ug/L	96
54) o-Xylene	9.477	106	91991	5.016	ug/L	94
55) Styrene	9.497	104	157220	5.225	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	29067	5.252	ug/L	98
59) Bromoform	9.667	173	23509	4.843	ug/L	96
60) Isopropylbenzene	9.866	105	247099	4.720	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	19968	4.768	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	203681	4.758	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	210146	4.963	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	130456	4.897	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	130224	4.913	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	116274	5.077	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	5538	5.654	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	100763	4.738	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	76330	4.659	ug/L	99
71) Naphthalene	13.445	128	61192	3.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	62248	4.734	ug/L	95

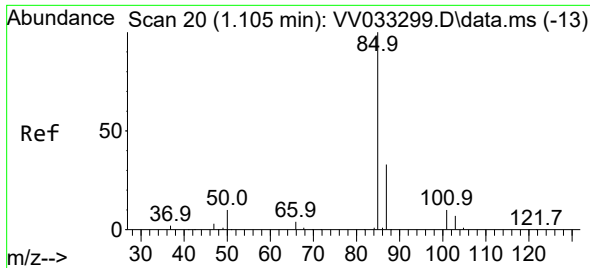
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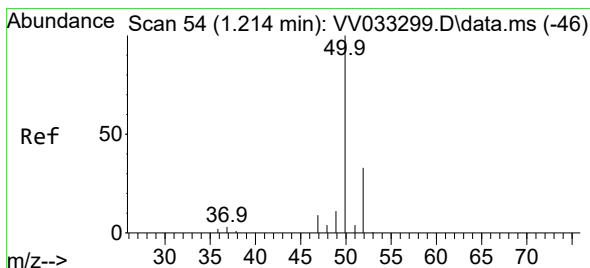
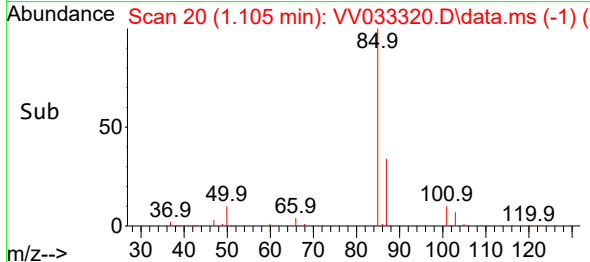
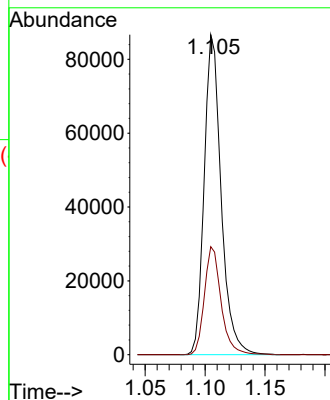
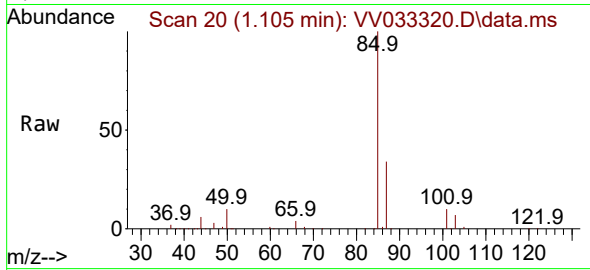




#2
 Dichlorodifluoromethane
 Concen: 5.118 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

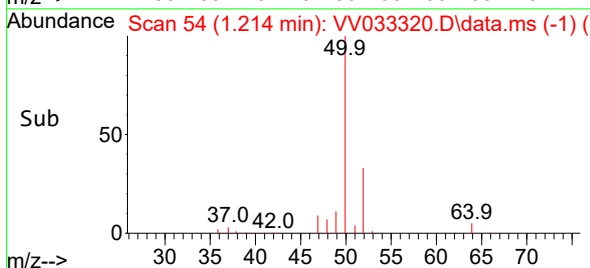
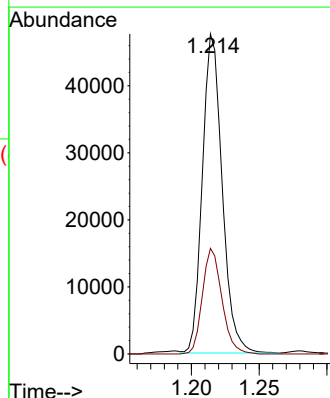
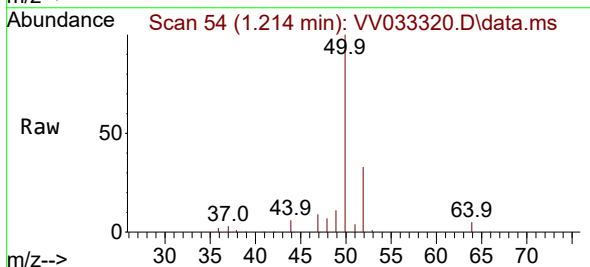
Instrument :
 MSVOA_V
 ClientSampleId :
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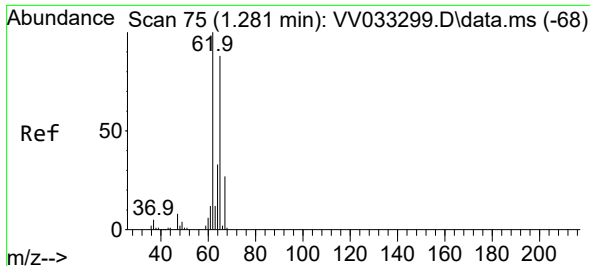
Tgt Ion: 85 Resp: 85422
 Ion Ratio Lower Upper
 85 100
 87 33.3 27.4 41.2



#3
 Chloromethane
 Concen: 5.072 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

Tgt Ion: 50 Resp: 48404
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.8 44.2

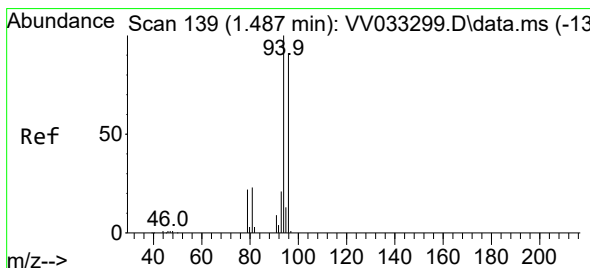
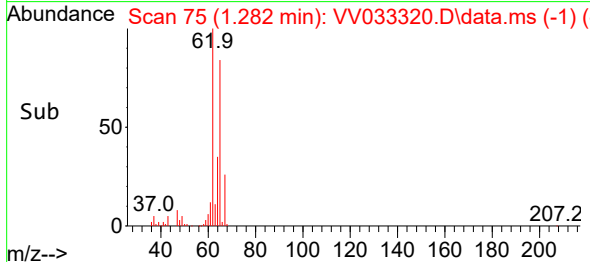
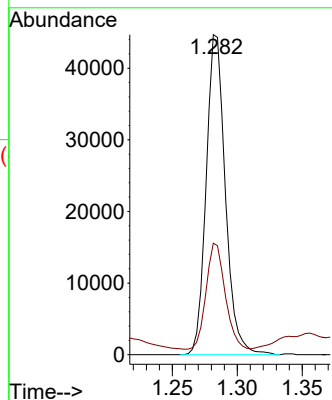
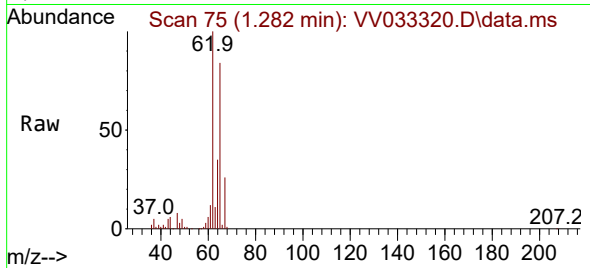




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

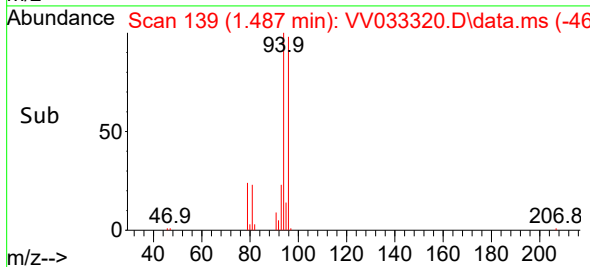
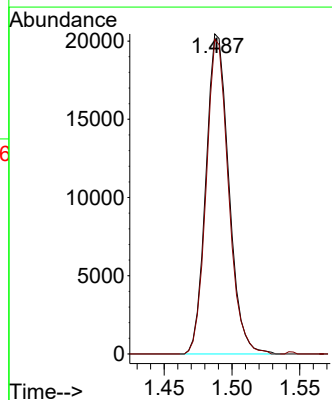
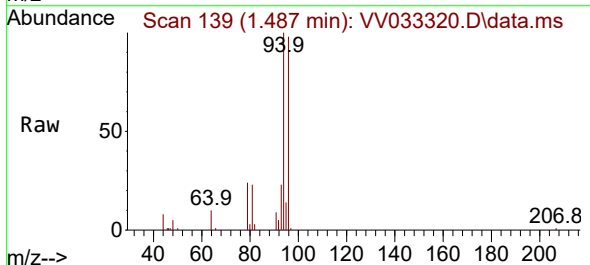
Instrument :
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 ClientSampleId :
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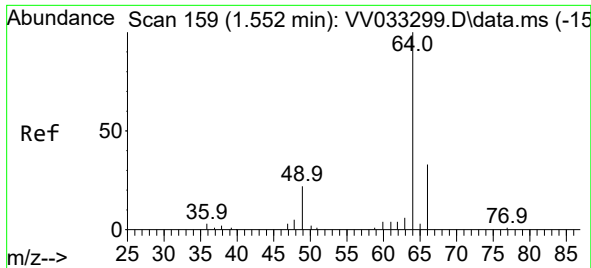
Tgt Ion: 62 Resp: 45991
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.0 42.8



#6
 Bromomethane
 Concen: 3.810 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

Tgt Ion: 94 Resp: 24123
 Ion Ratio Lower Upper
 94 100
 96 98.3 68.3 126.8

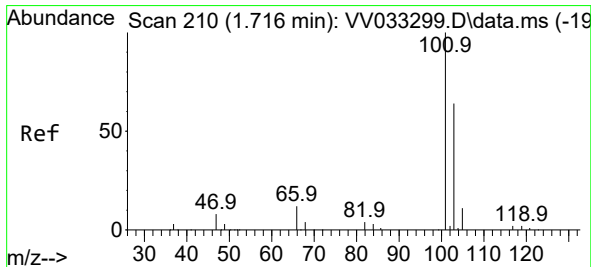
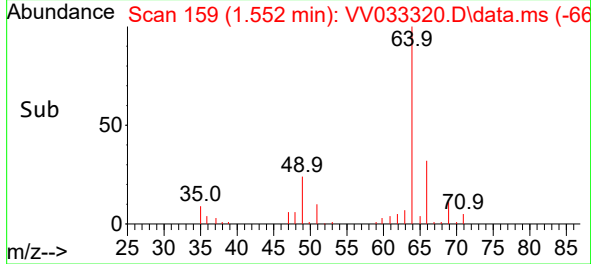
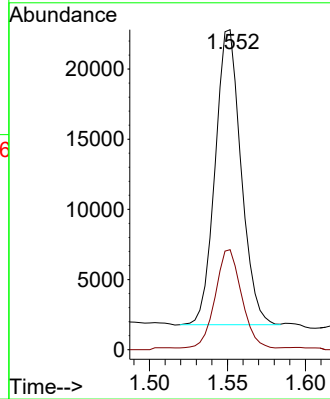
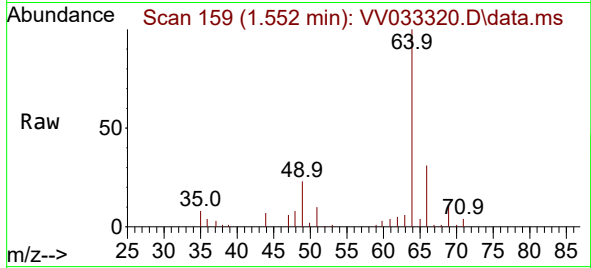




#8
Chloroethane
Concen: 4.366 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

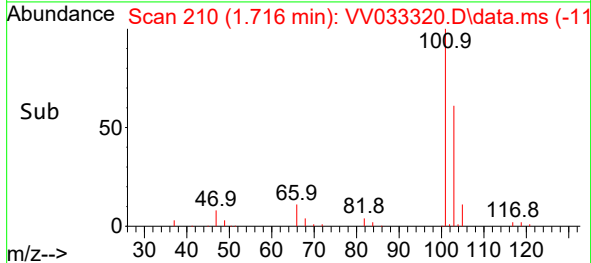
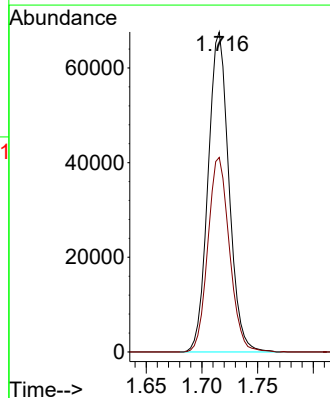
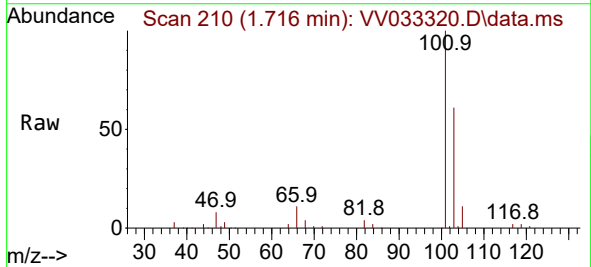
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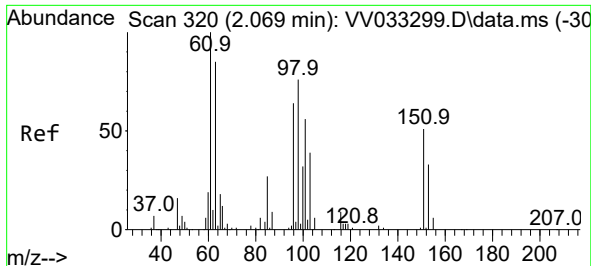
Tgt Ion: 64 Resp: 24330
Ion Ratio Lower Upper
64 100
66 31.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.964 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion:101 Resp: 87974
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.8

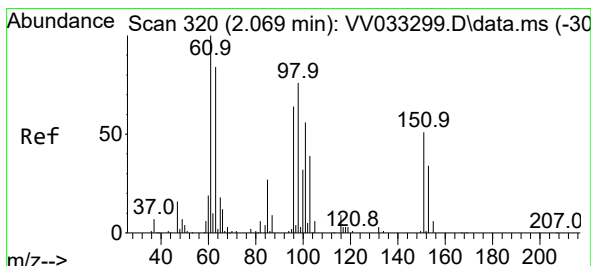
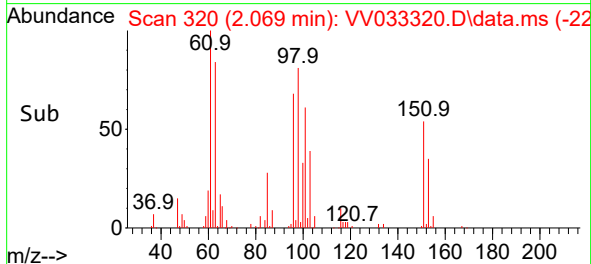
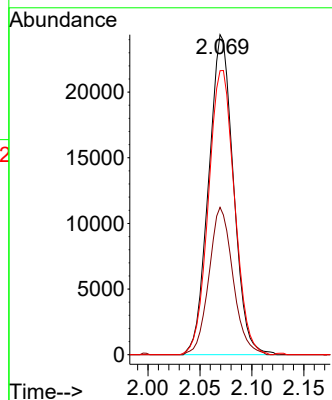
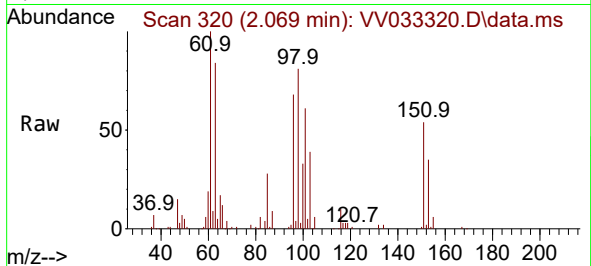




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.936 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033320.D
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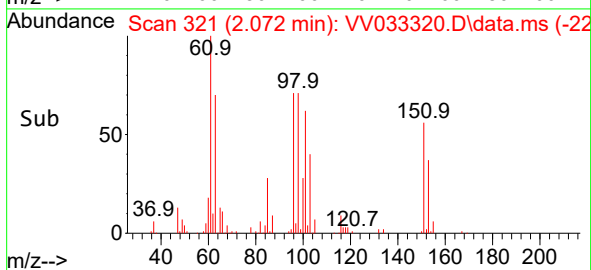
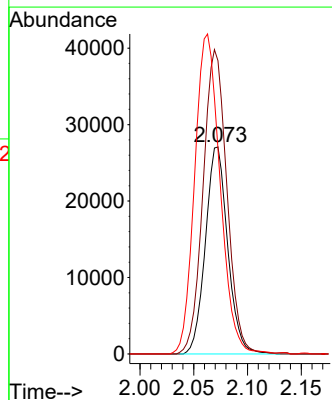
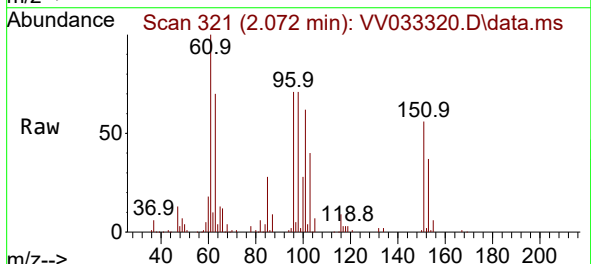
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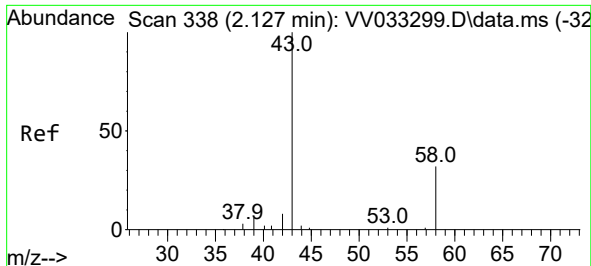
Tgt Ion:101 Resp: 40445
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.2 54.2
 151 93.3 72.8 109.2



#12
 1,1-Dichloroethene
 Concen: 5.101 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

Tgt Ion: 96 Resp: 39075
 Ion Ratio Lower Upper
 96 100
 61 141.6 111.6 207.2
 63 99.2 87.1 161.7





#13

Acetone

Concen: 47.744 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.010 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

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ClientSampleId :

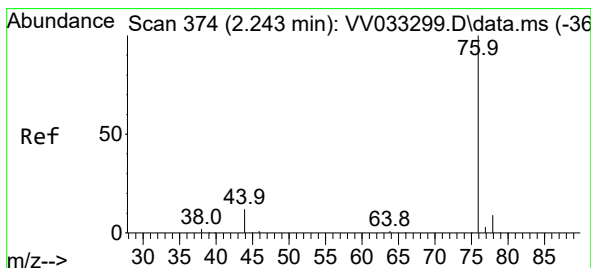
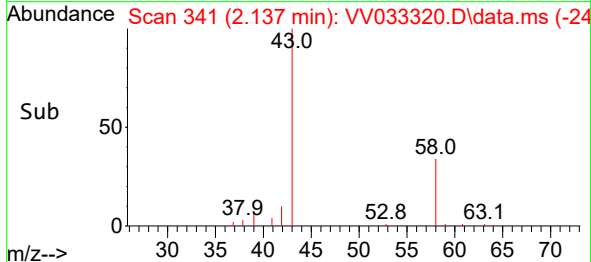
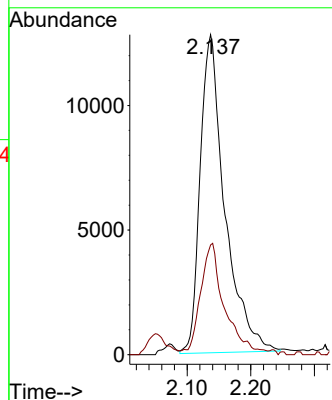
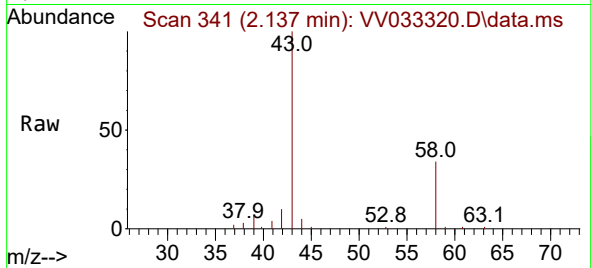
E0Y81MS

Tgt Ion: 43 Resp: 34303

Ion Ratio Lower Upper

43 100

58 34.2 0.0 30.2#



#14

Carbon disulfide

Concen: 4.878 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

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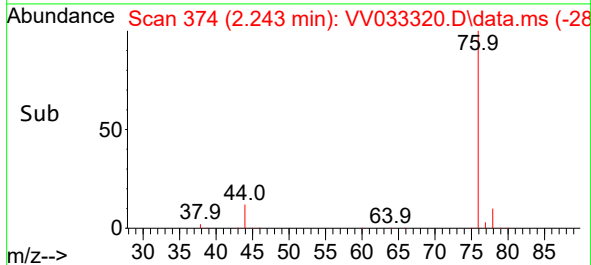
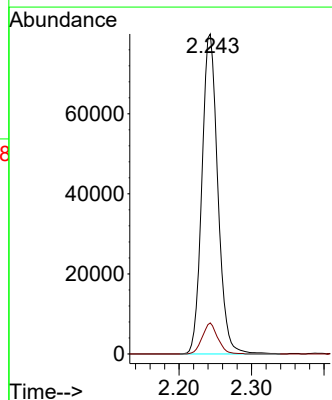
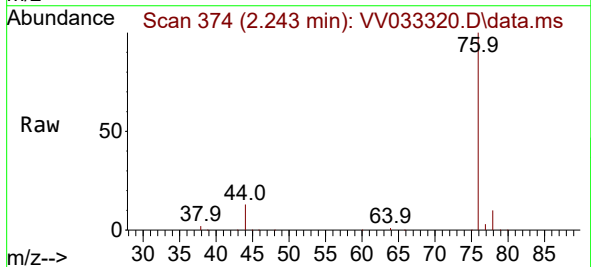
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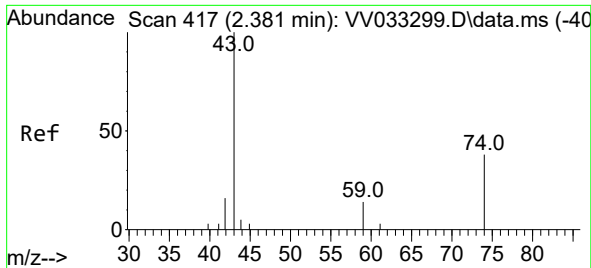
Tgt Ion: 76 Resp: 121694

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

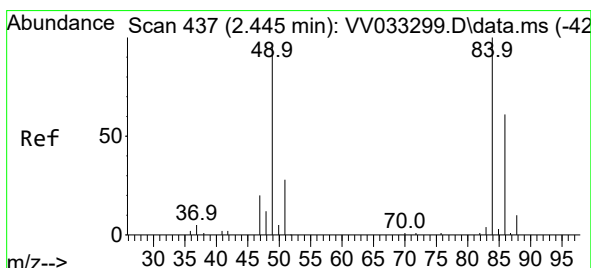
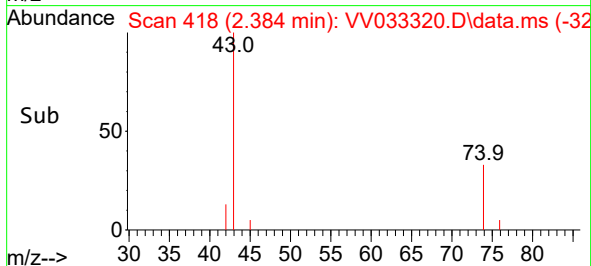
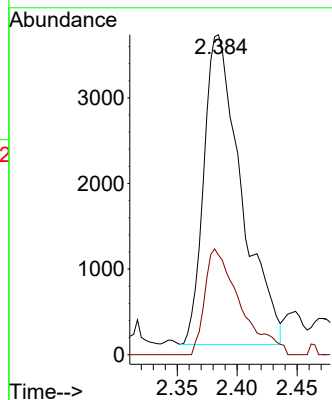
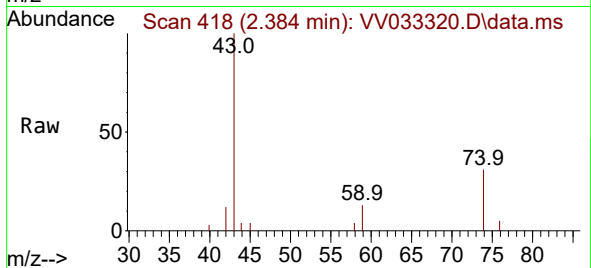




#15
Methyl Acetate
Concen: 4.125 ug/L
RT: 2.384 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

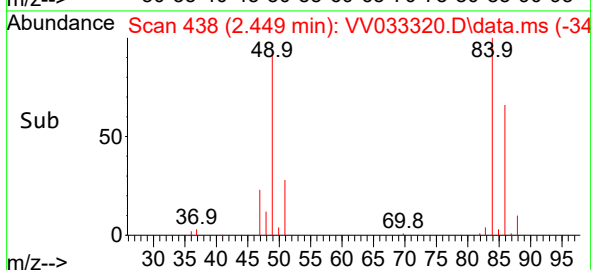
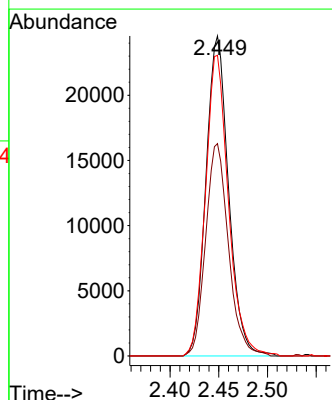
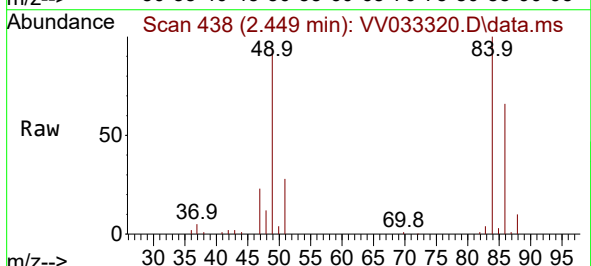
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

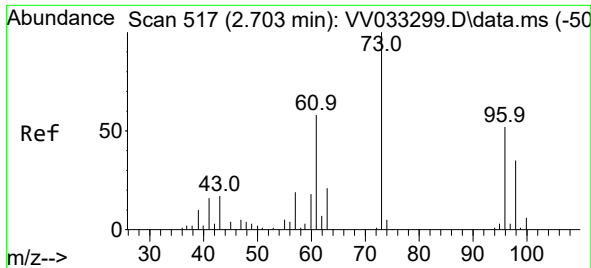
Tgt Ion: 43 Resp: 7854
Ion Ratio Lower Upper
43 100
74 32.2 21.0 31.6#



#16
Methylene chloride
Concen: 4.485 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 84 Resp: 39575
Ion Ratio Lower Upper
84 100
86 66.3 47.5 88.1
49 94.0 68.9 127.9

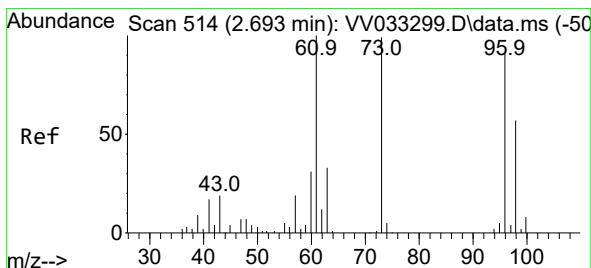
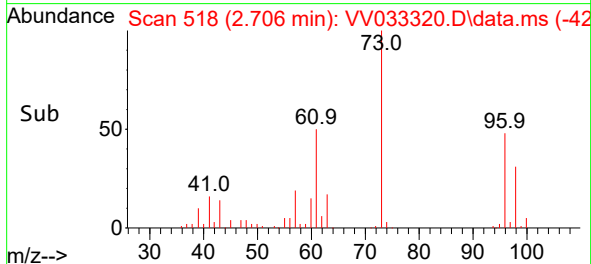
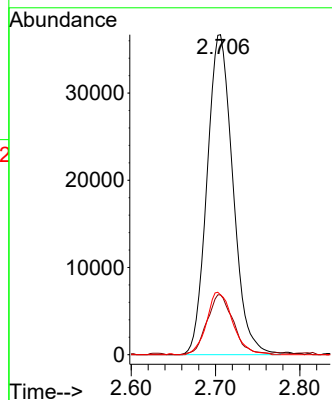
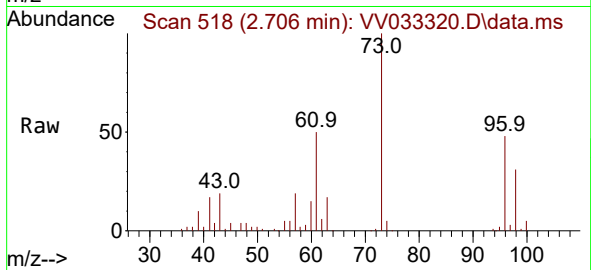




#17
Methyl tert-butyl Ether
Concen: 4.962 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

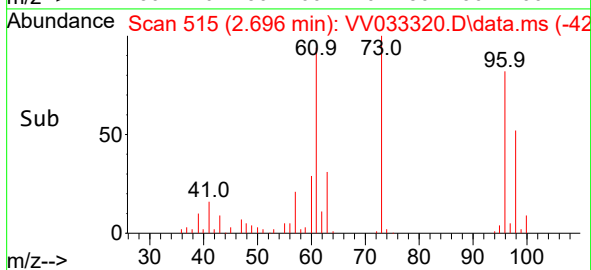
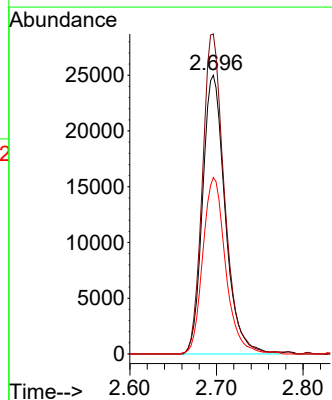
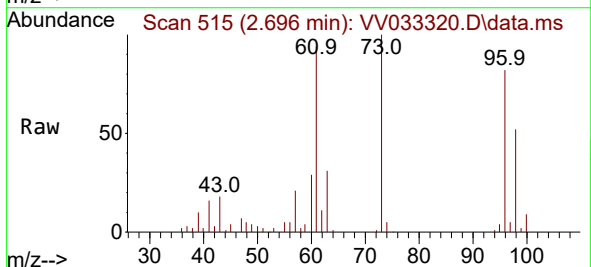
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

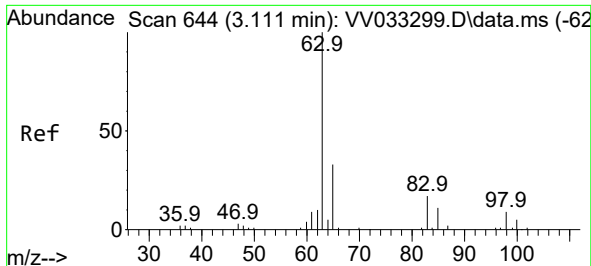
Tgt Ion: 73	Resp: 78281
Ion Ratio	Lower Upper
73	100
43	19.2 16.0 24.0
57	19.7 15.6 23.4



#18
trans-1,2-Dichloroethene
Concen: 4.883 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 96	Resp: 45298
Ion Ratio	Lower Upper
96	100
61	114.8 84.6 157.2
98	63.3 46.7 86.7





#19

1,1-Dichloroethane

Concen: 4.842 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

E0Y81MS

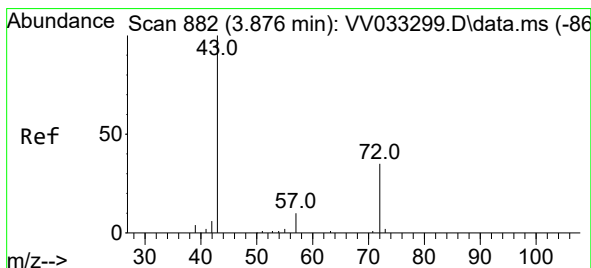
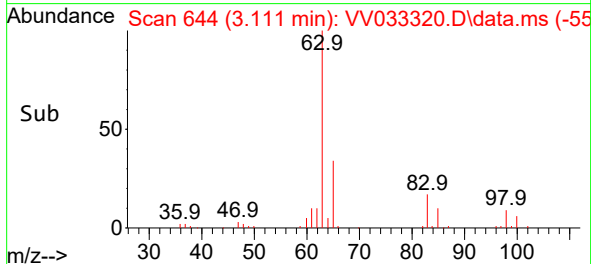
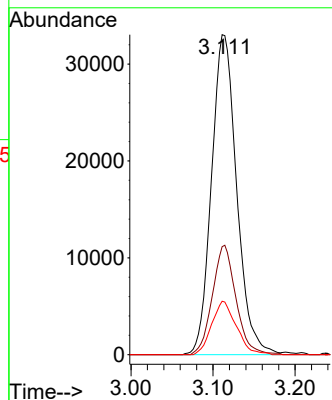
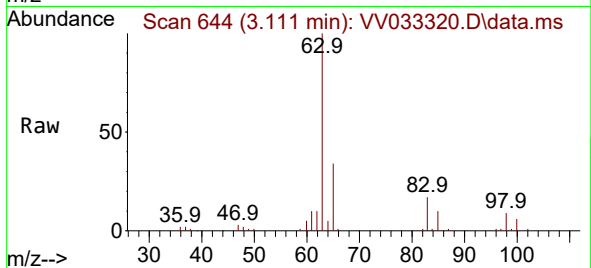
Tgt Ion: 63 Resp: 70480

Ion Ratio Lower Upper

63 100

65 33.8 22.9 42.5

83 16.7 12.6 23.4



#21

2-Butanone

Concen: 47.739 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.010 min

Lab File: VV033320.D

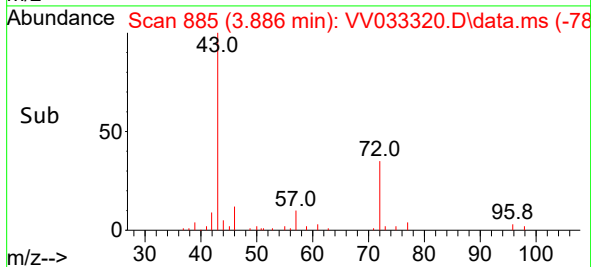
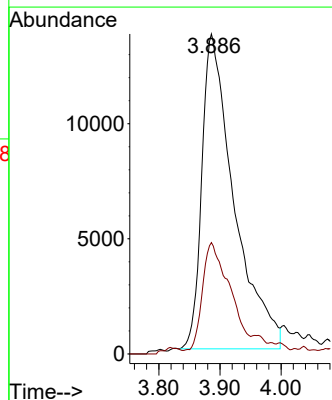
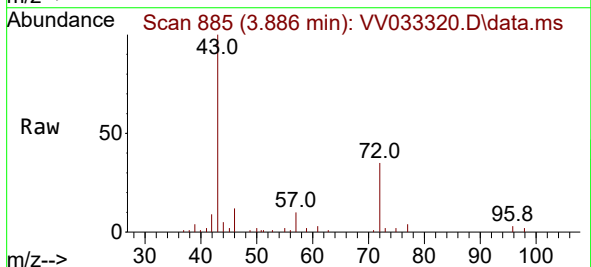
Acq: 14 Dec 2023 09:05

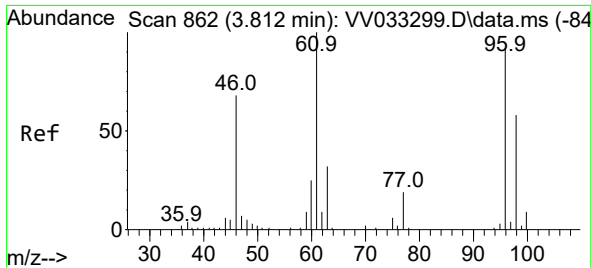
Tgt Ion: 43 Resp: 49967

Ion Ratio Lower Upper

43 100

72 28.9 14.8 44.3

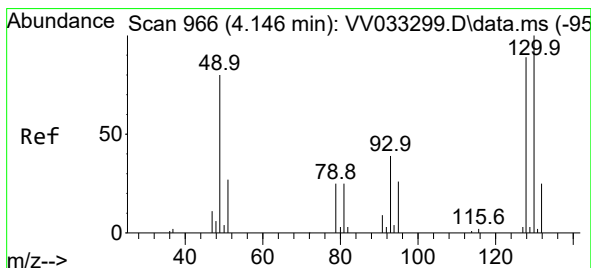
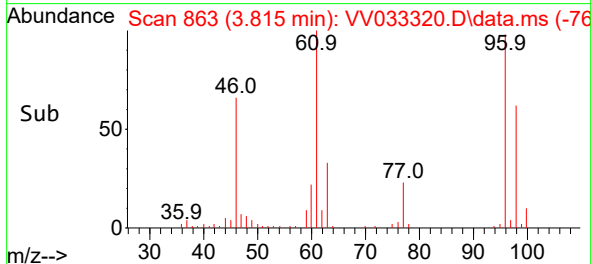
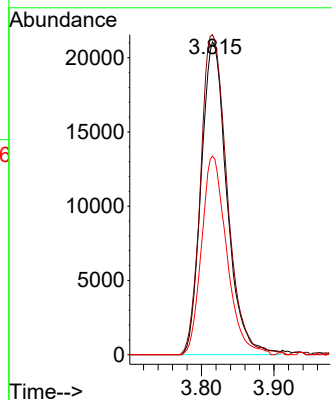
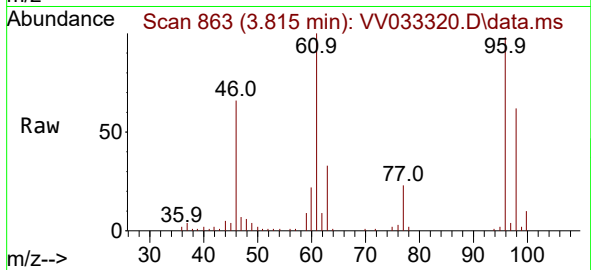




#22
 cis-1,2-Dichloroethene
 Concen: 5.403 ug/L
 RT: 3.815 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

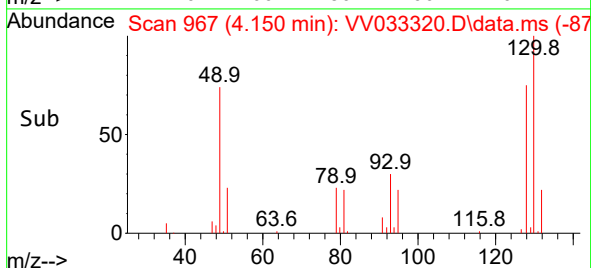
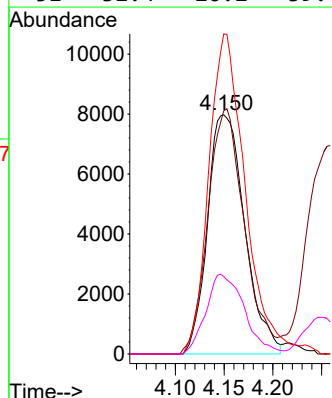
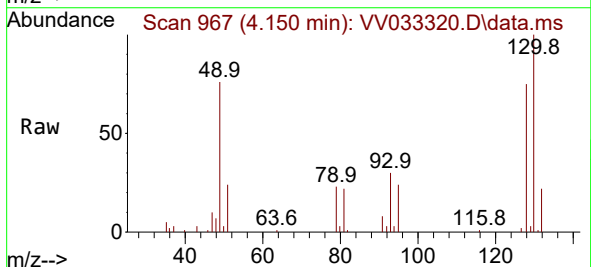
Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y81MS

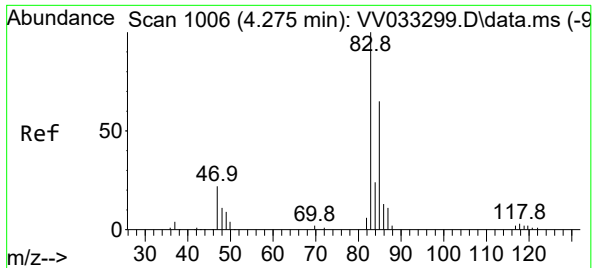
Tgt Ion: 96 Resp: 51772
 Ion Ratio Lower Upper
 96 100
 61 102.3 69.9 129.9
 98 63.4 42.4 78.8



#23
 Bromochloromethane
 Concen: 5.111 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV033320.D
 Acq: 14 Dec 2023 09:05

Tgt Ion: 128 Resp: 21151
 Ion Ratio Lower Upper
 128 100
 49 101.6 65.8 122.2
 130 133.8 91.1 169.3
 51 32.4 26.2 39.4





#25

Chloroform

Concen: 5.185 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

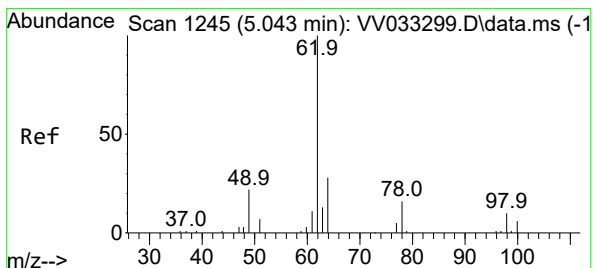
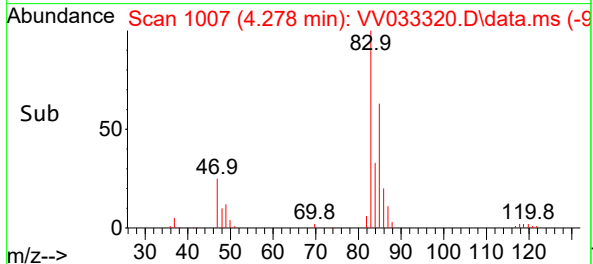
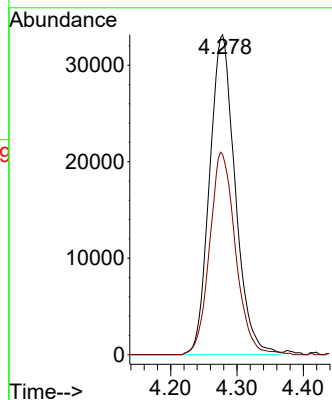
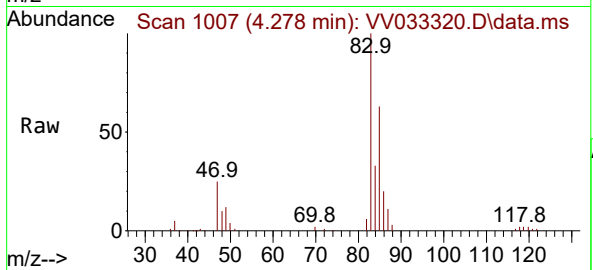
E0Y81MS

Tgt Ion: 83 Resp: 88984

Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.170 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV033320.D

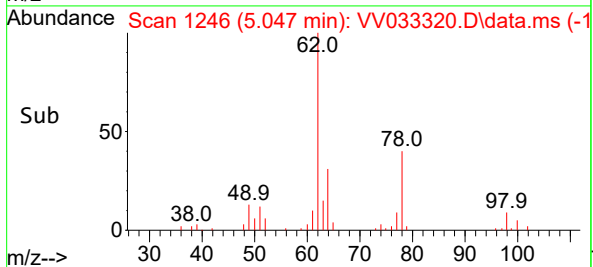
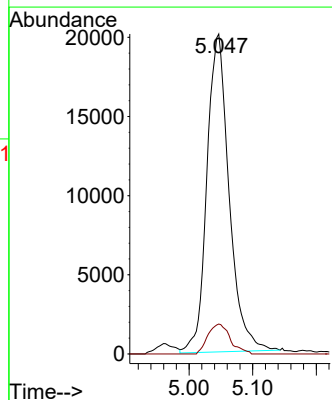
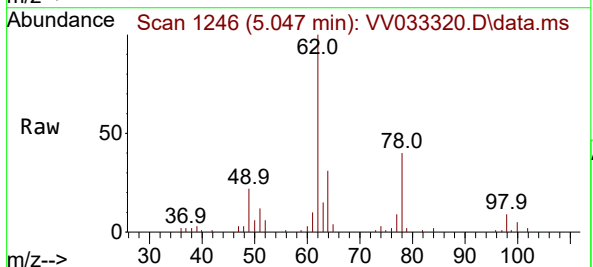
Acq: 14 Dec 2023 09:05

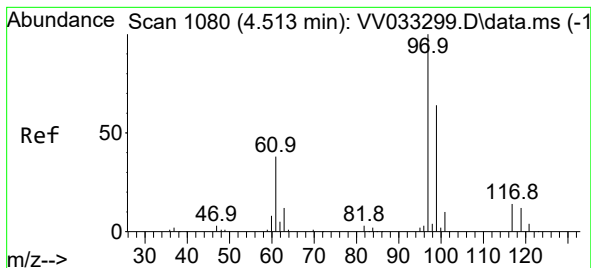
Tgt Ion: 62 Resp: 48702

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.822 ug/L

RT: 4.510 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

E0Y81MS

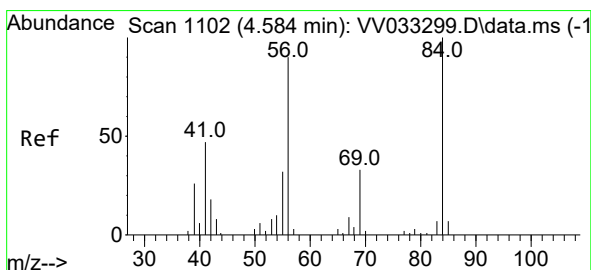
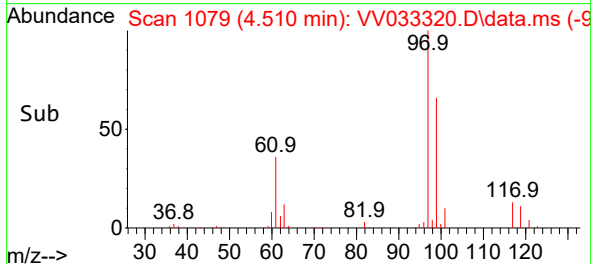
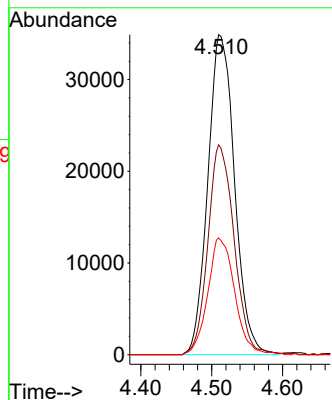
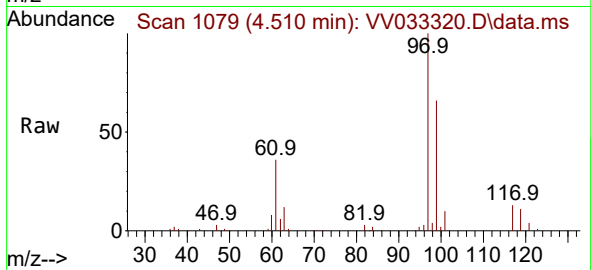
Tgt Ion: 97 Resp: 91486

Ion Ratio Lower Upper

97 100

99 64.3 52.8 79.2

61 36.5 30.3 45.5



#30

Cyclohexane

Concen: 4.555 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

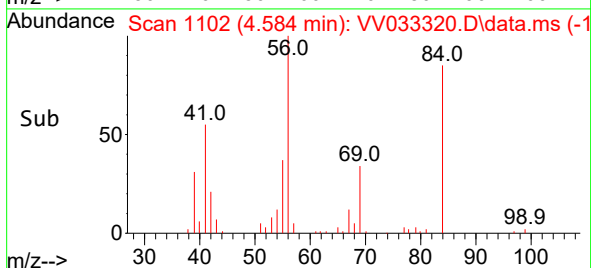
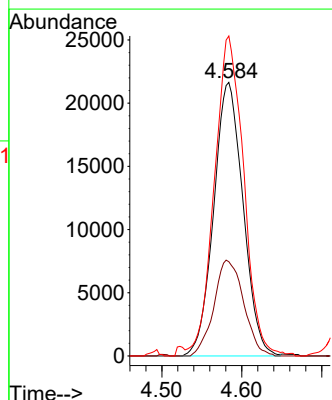
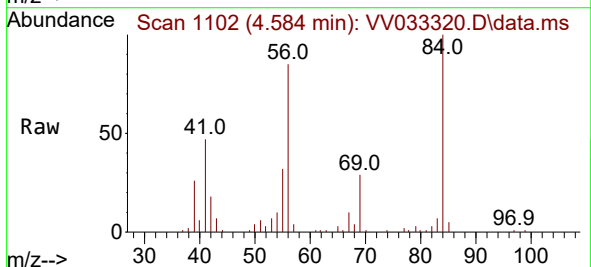
Tgt Ion: 56 Resp: 55146

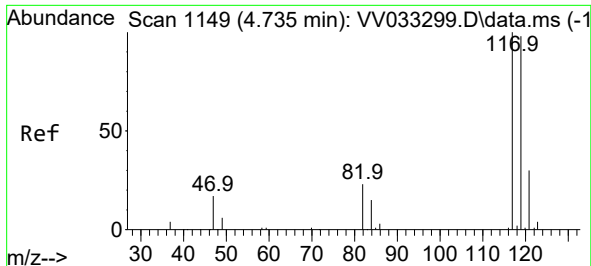
Ion Ratio Lower Upper

56 100

69 35.5 28.8 43.2

84 116.8 86.2 129.4

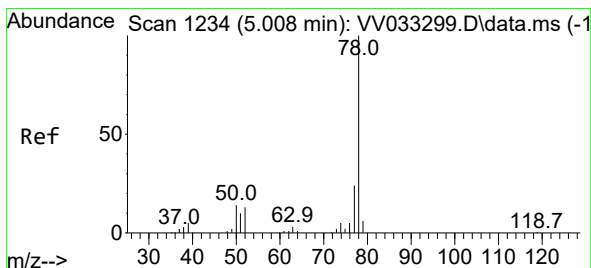
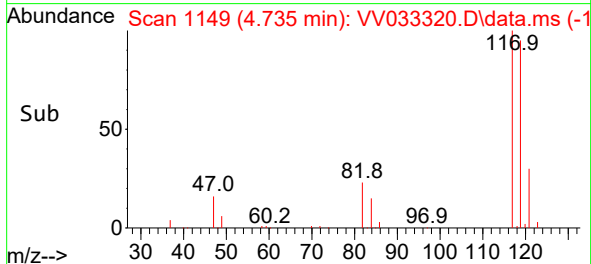
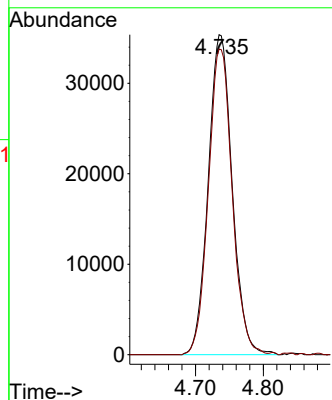
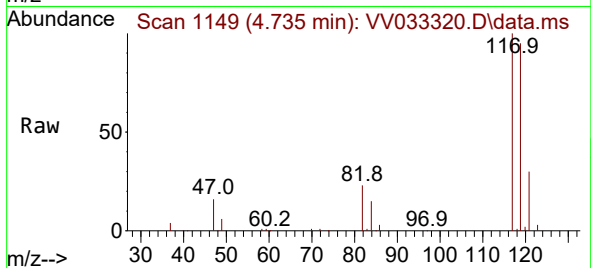




#31
Carbon tetrachloride
Concen: 4.910 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

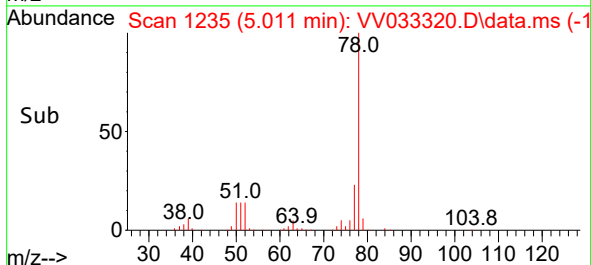
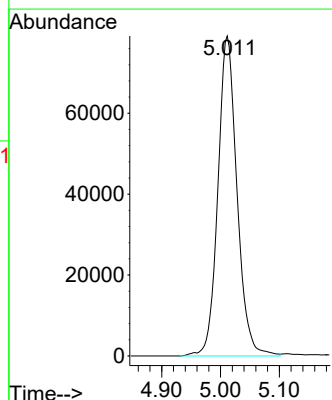
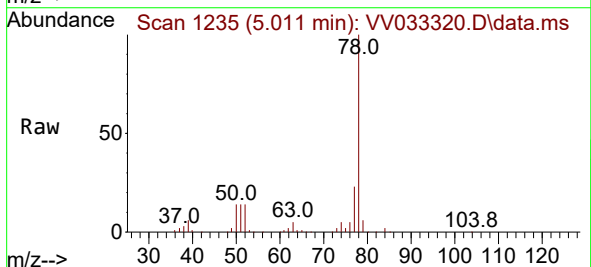
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

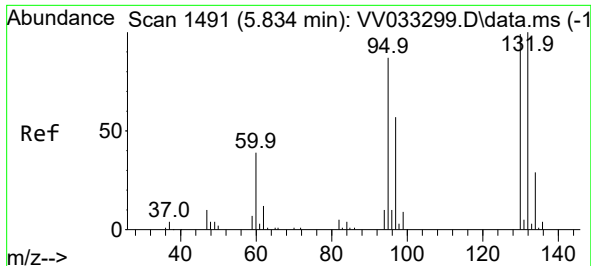
Tgt Ion:117 Resp: 87024
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8



#33
Benzene
Concen: 4.869 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 78 Resp: 178509

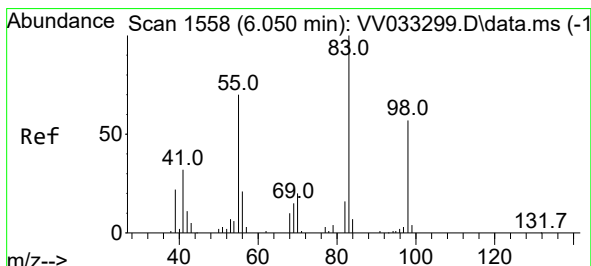
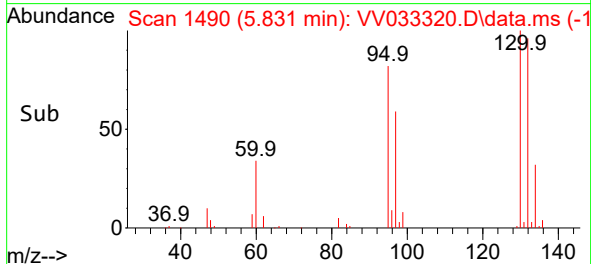
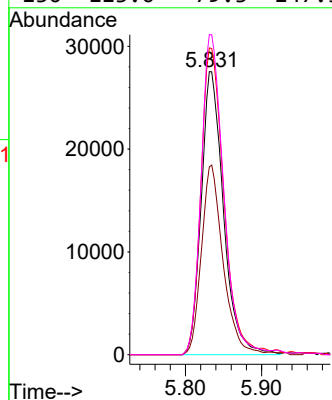
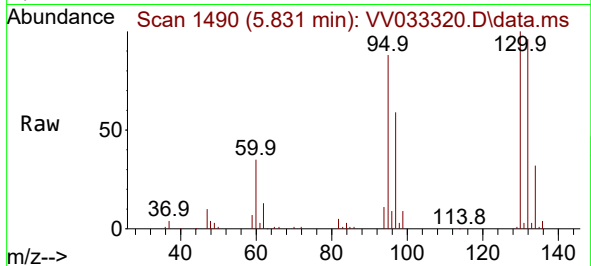




#34
Trichloroethene
Concen: 5.243 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

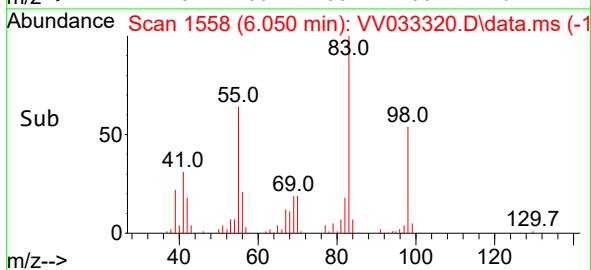
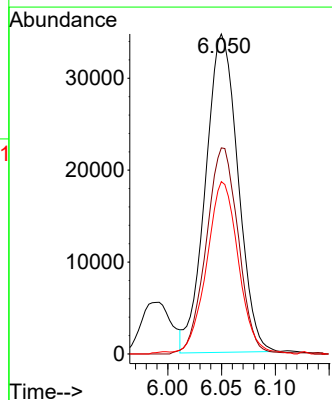
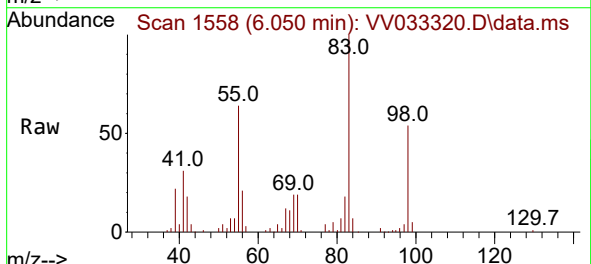
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

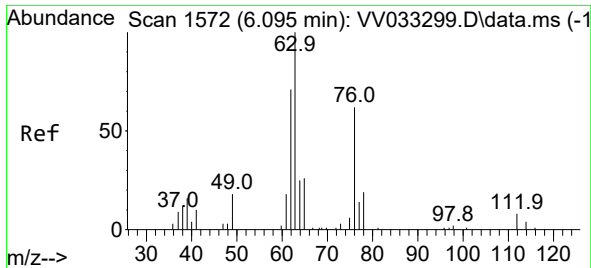
Tgt Ion: 95 Resp: 56047
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.5
132 108.3 75.1 139.5
130 113.0 79.3 147.3



#35
Methylcyclohexane
Concen: 4.591 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 83 Resp: 72692
Ion Ratio Lower Upper
83 100
55 64.0 50.7 76.1
98 53.1 42.4 63.6

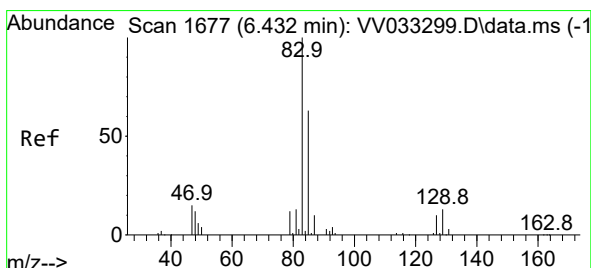
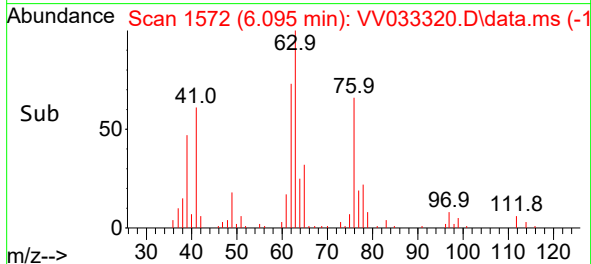
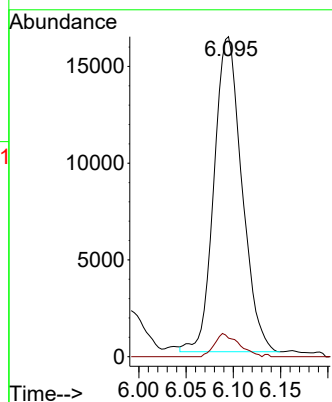
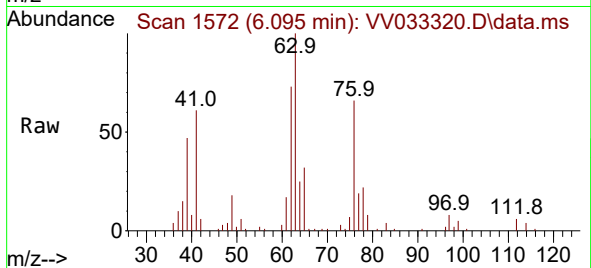




#37
1,2-Dichloropropane
Concen: 4.528 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

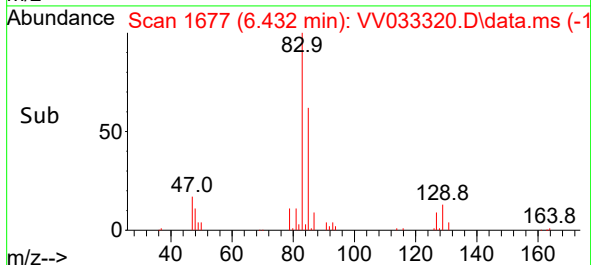
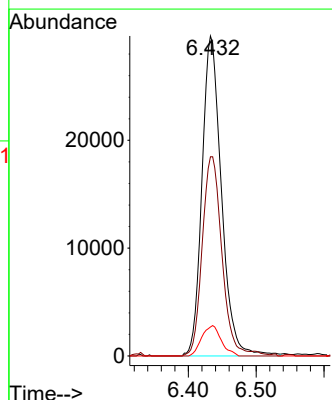
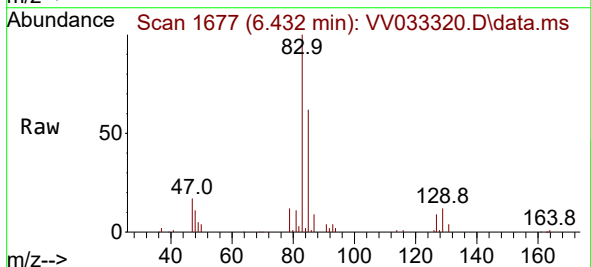
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

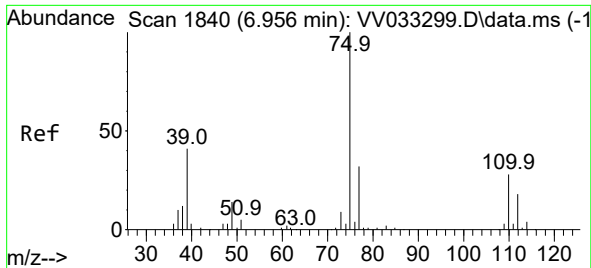
Tgt Ion: 63 Resp: 33394
Ion Ratio Lower Upper
63 100
112 6.4 5.0 7.6



#38
Bromodichloromethane
Concen: 5.004 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 83 Resp: 59225
Ion Ratio Lower Upper
83 100
85 62.3 46.6 86.6
127 9.0 8.6 13.0





#39

cis-1,3-Dichloropropene

Concen: 4.656 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

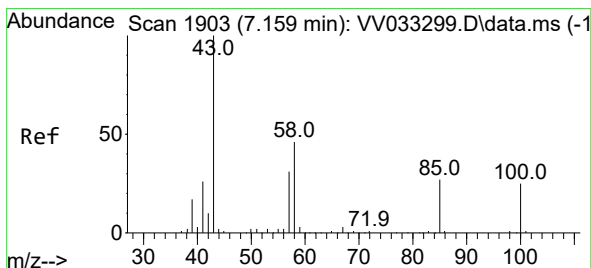
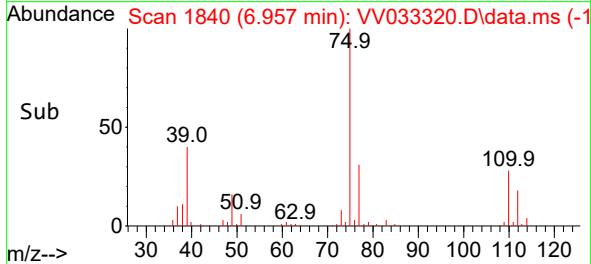
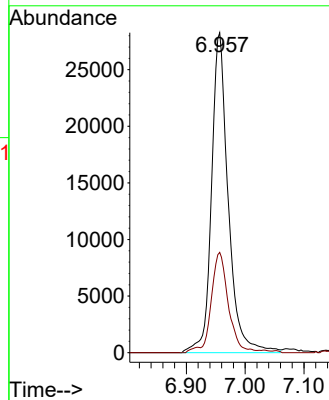
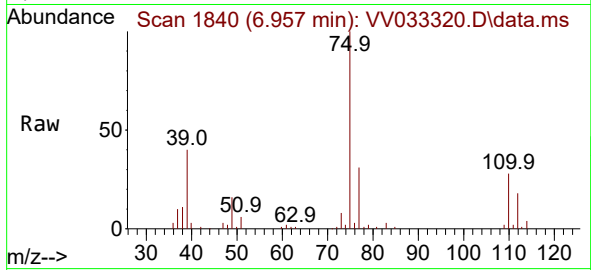
E0Y81MS

Tgt Ion: 75 Resp: 55755

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.838 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

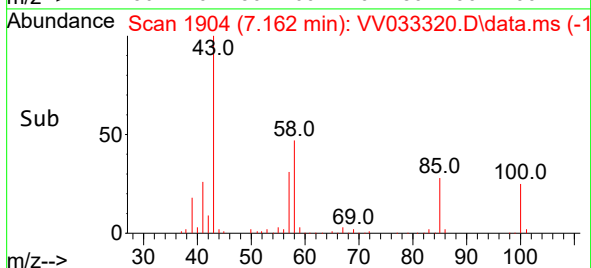
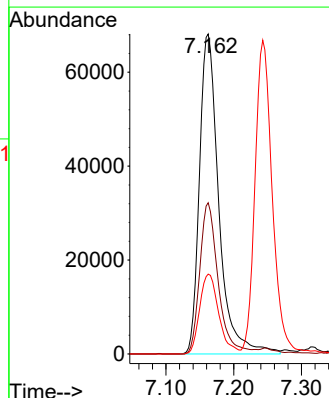
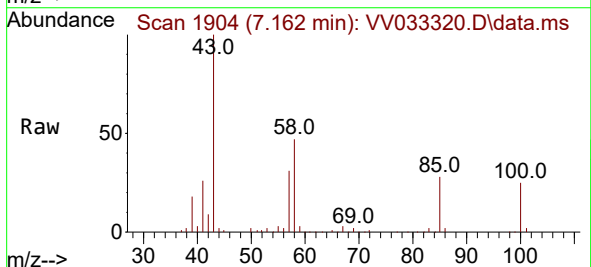
Tgt Ion: 43 Resp: 135267

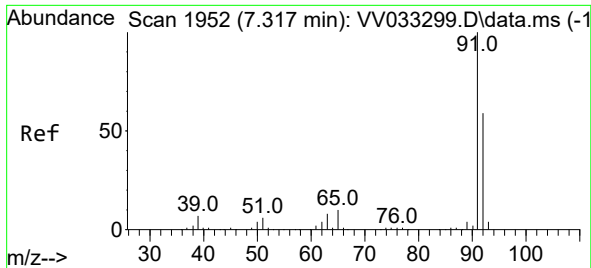
Ion Ratio Lower Upper

43 100

58 45.1 36.2 54.2

100 24.6 18.8 28.2





#42

Toluene

Concen: 6.657 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

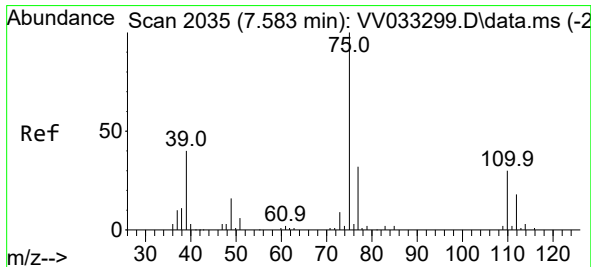
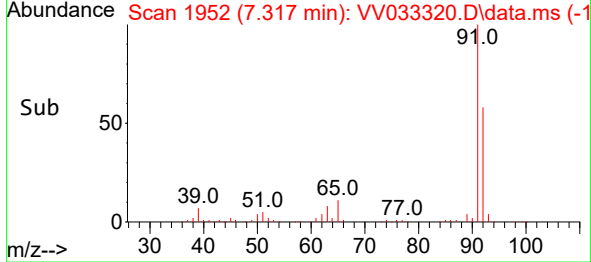
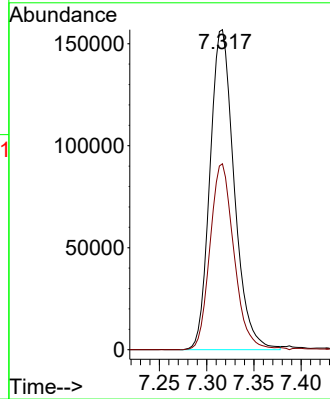
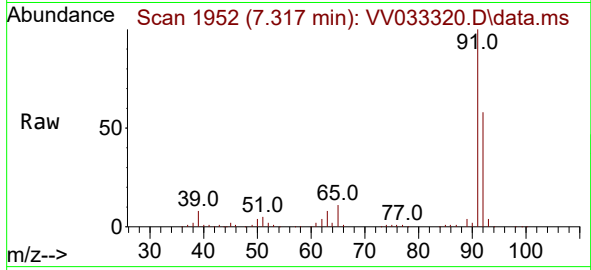
E0Y81MS

Tgt Ion: 91 Resp: 279561

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.686 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033320.D

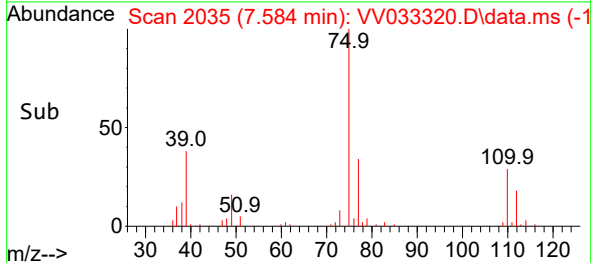
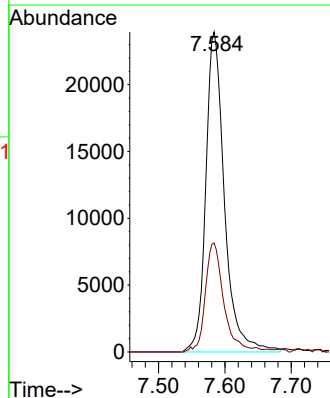
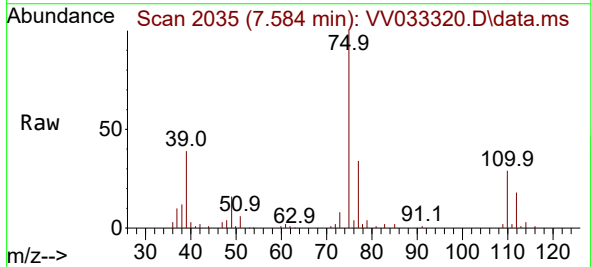
Acq: 14 Dec 2023 09:05

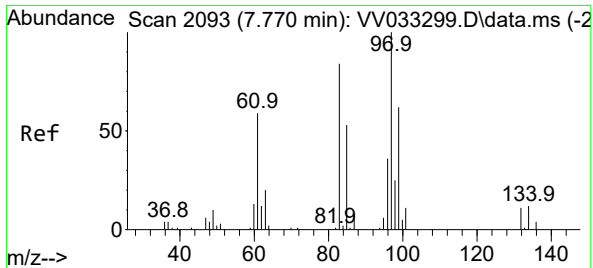
Tgt Ion: 75 Resp: 46779

Ion Ratio Lower Upper

75 100

77 34.1 21.7 40.3

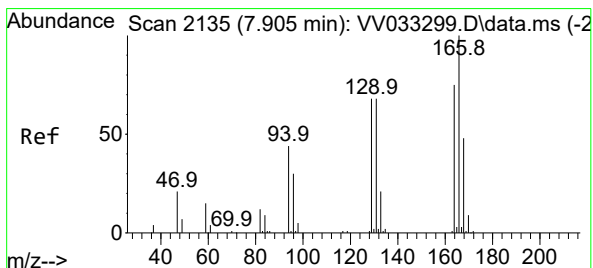
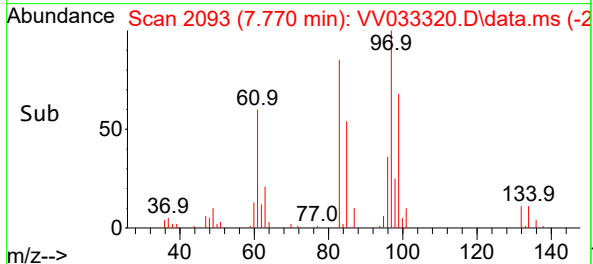
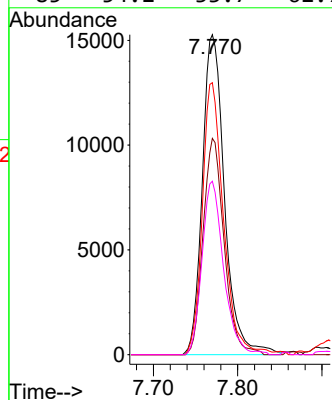
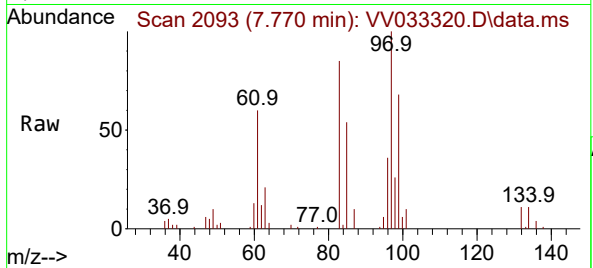




#45
1,1,2-Trichloroethane
Concen: 4.934 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

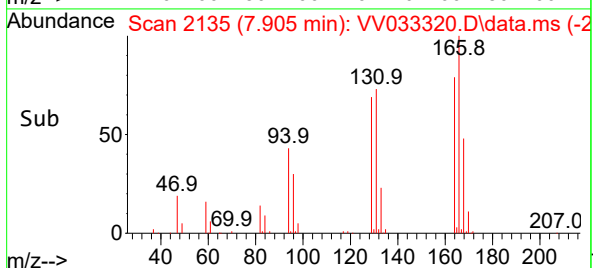
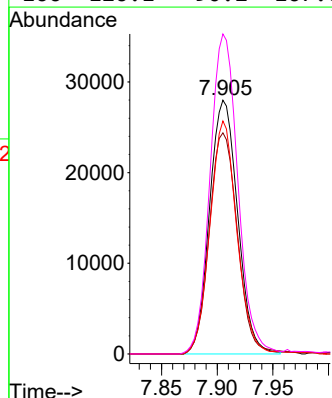
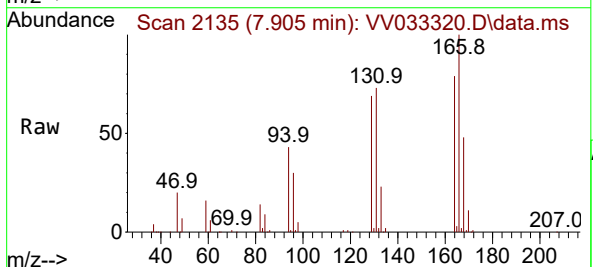
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

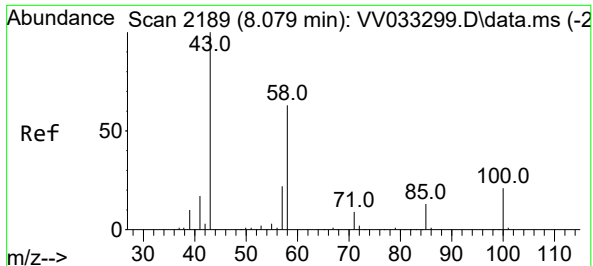
Tgt Ion: 97	Resp: 28021
Ion Ratio	Lower Upper
97 100	
99 67.6	44.5 82.7
83 85.0	54.7 101.5
85 54.2	33.7 62.7



#47
Tetrachloroethene
Concen: 4.854 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt	Ion:164	Resp:	49132
Ion	Ratio	Lower	Upper
164	100		
129	87.2	62.6	116.3
131	91.9	62.6	116.3
166	126.1	90.2	167.6

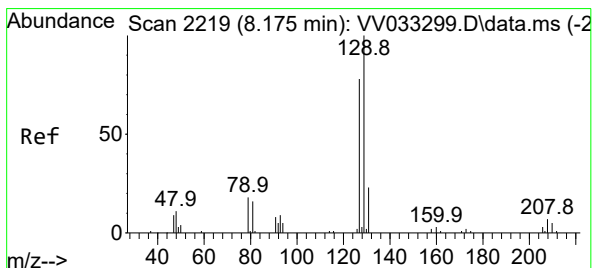
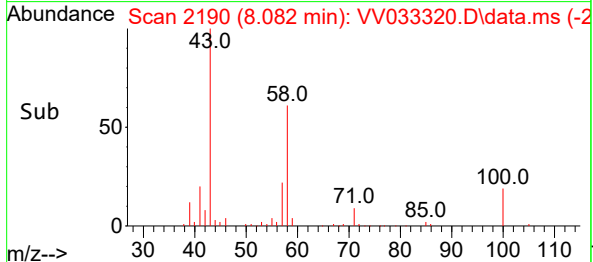
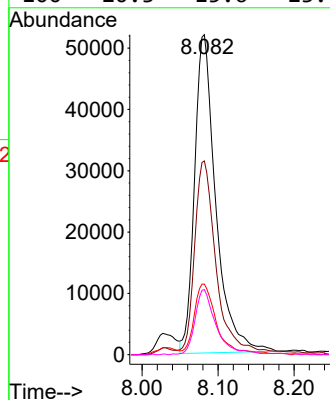
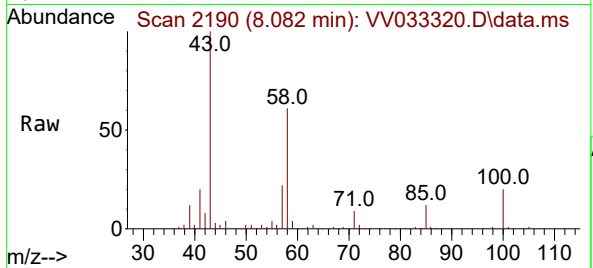




#48
2-Hexanone
Concen: 53.753 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

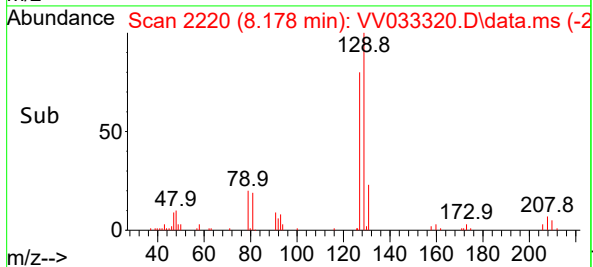
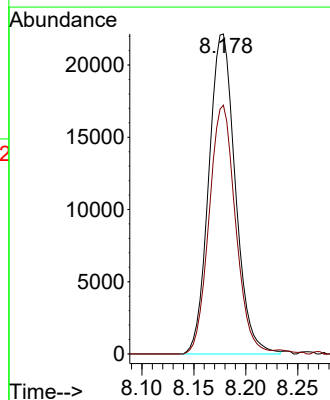
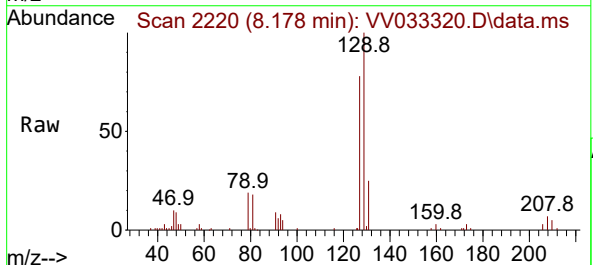
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

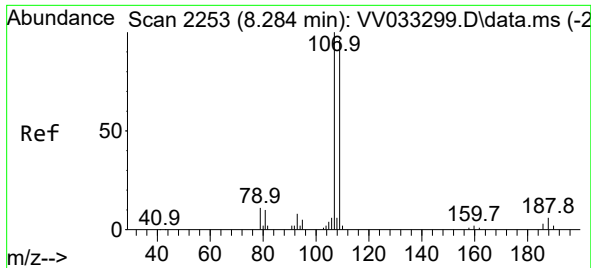
Tgt Ion:	43	Resp:	101094
Ion	Ratio	Lower	Upper
43	100		
58	60.9	48.6	72.8
57	22.7	18.1	27.1
100	20.3	15.6	23.4



#49
Dibromochloromethane
Concen: 4.943 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion:	129	Resp:	39374
Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.2	98.8

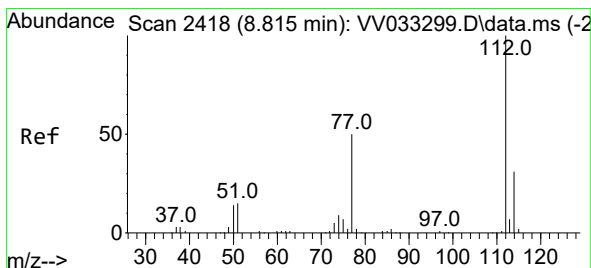
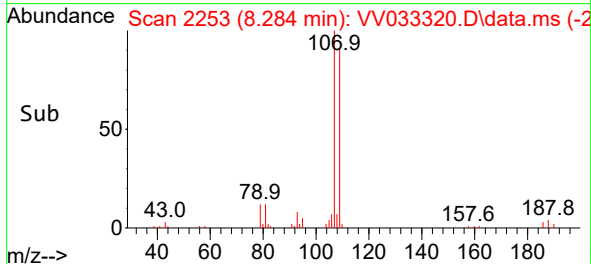
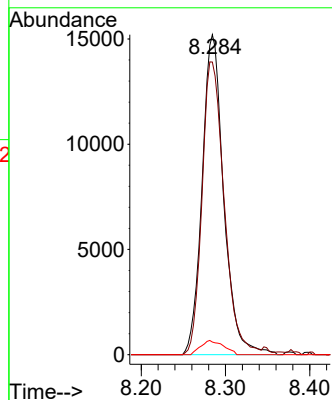
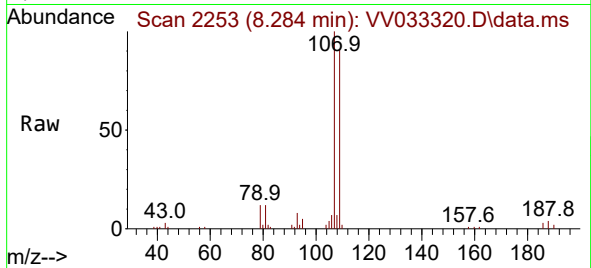




#50
1,2-Dibromoethane
Concen: 5.147 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

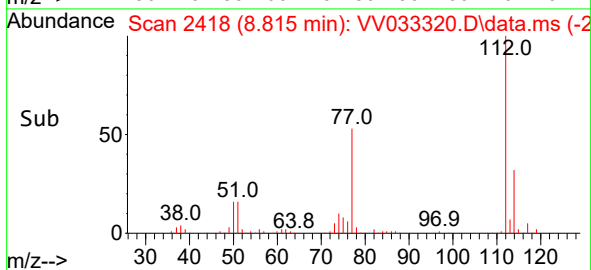
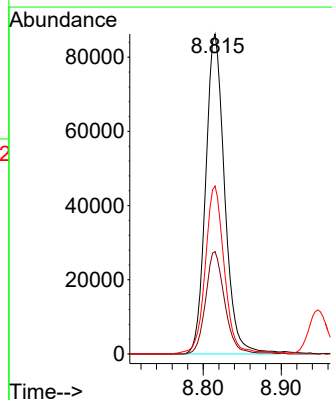
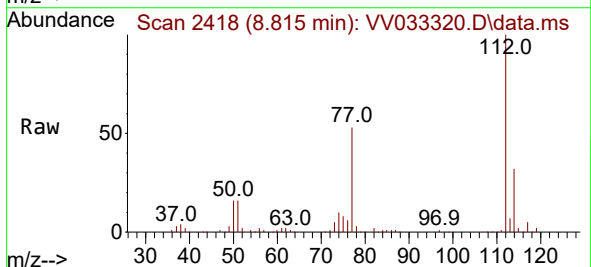
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

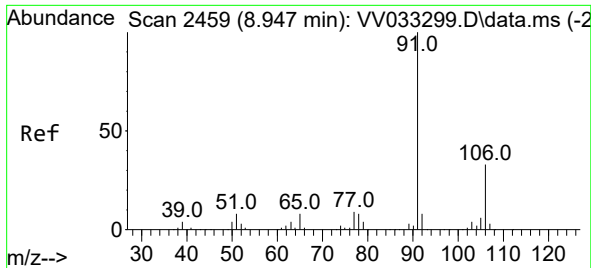
Tgt Ion:107 Resp: 27144
Ion Ratio Lower Upper
107 100
109 91.5 64.2 119.2
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 5.084 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion:112 Resp: 146241
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 52.5 41.3 61.9

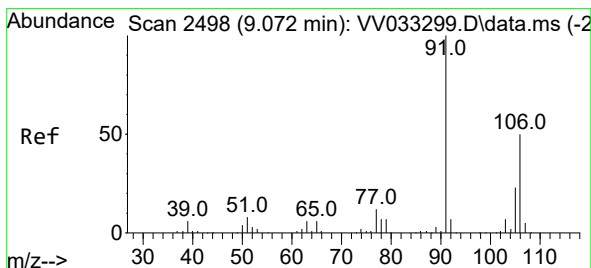
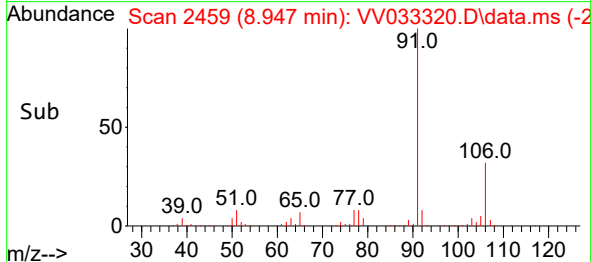
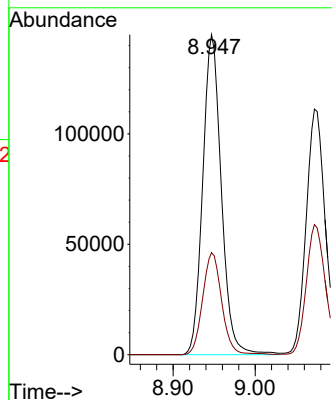
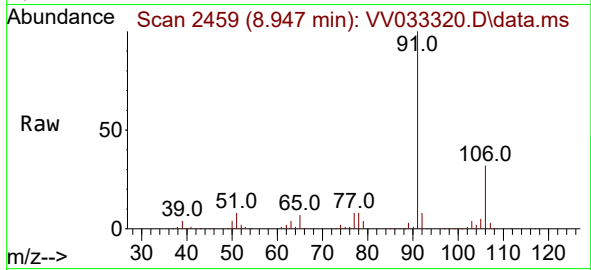




#52
Ethylbenzene
Concen: 4.848 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

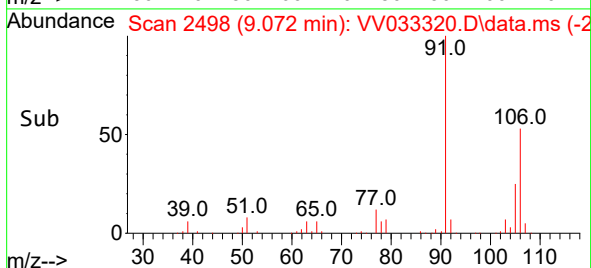
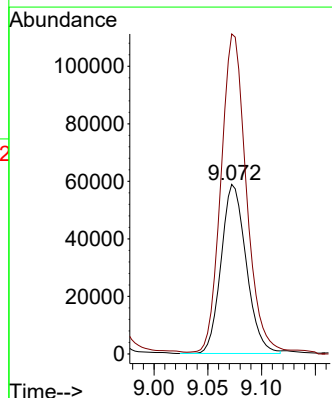
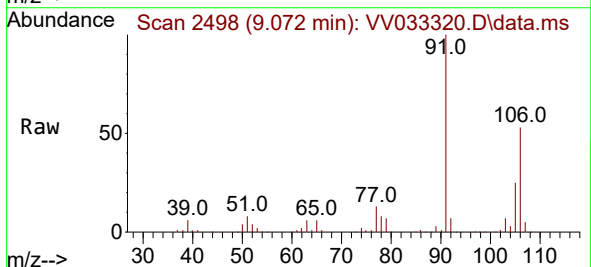
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

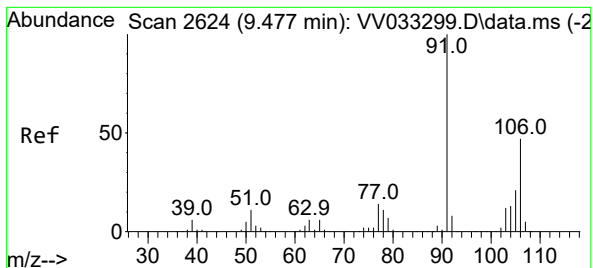
Tgt Ion: 91 Resp: 228081
Ion Ratio Lower Upper
91 100
106 31.9 22.7 42.3



#53
m,p-Xylene
Concen: 4.926 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 106 Resp: 95379
Ion Ratio Lower Upper
106 100
91 188.7 136.8 254.0





#54

o-Xylene

Concen: 5.016 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

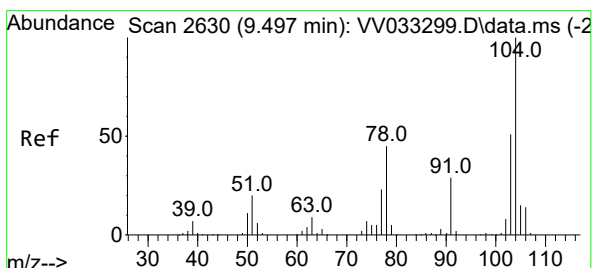
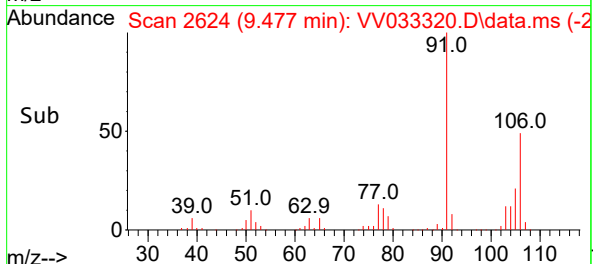
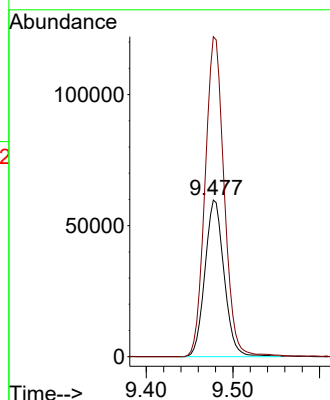
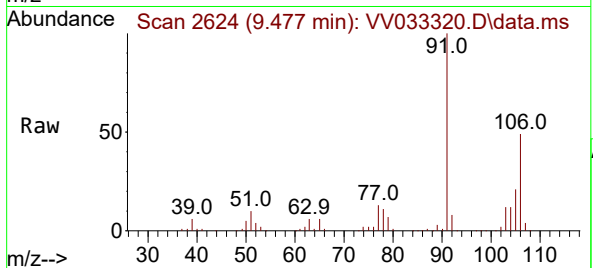
E0Y81MS

Tgt Ion:106 Resp: 91991

Ion Ratio Lower Upper

106 100

91 204.4 149.9 278.5



#55

Styrene

Concen: 5.225 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV033320.D

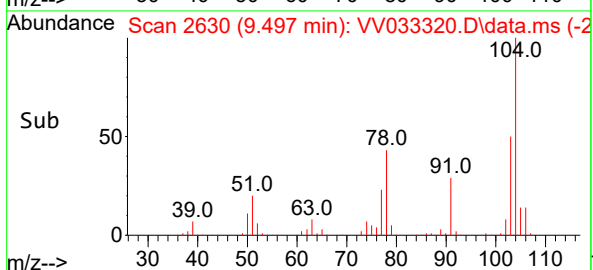
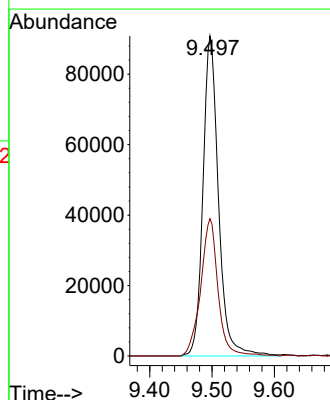
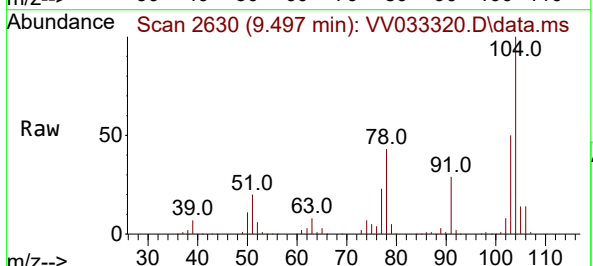
Acq: 14 Dec 2023 09:05

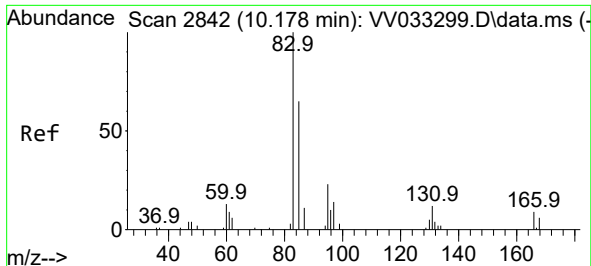
Tgt Ion:104 Resp: 157220

Ion Ratio Lower Upper

104 100

78 42.9 29.9 55.5

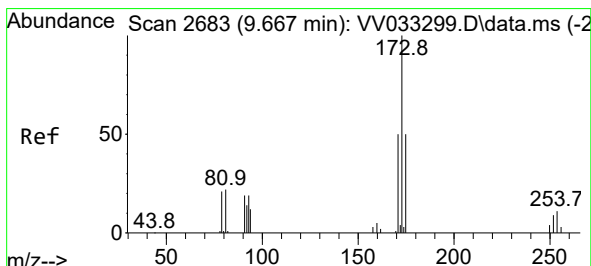
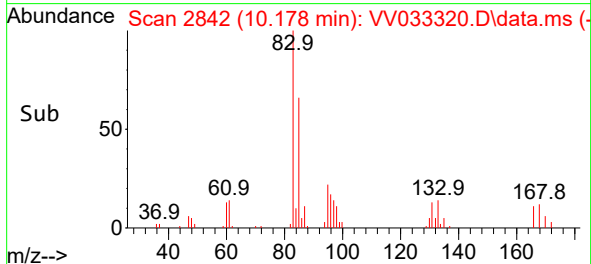
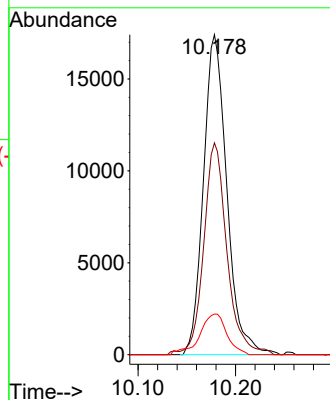
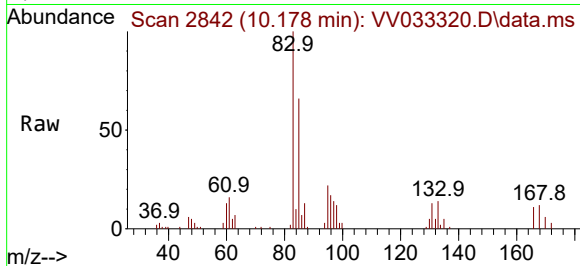




#57
1,1,2,2-Tetrachloroethane
Concen: 5.252 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

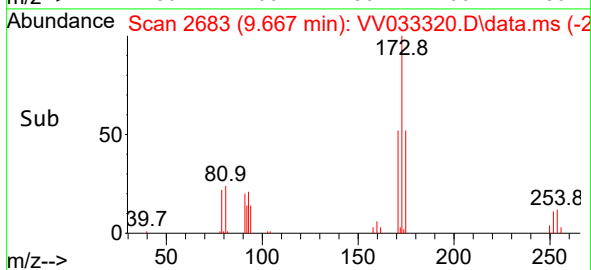
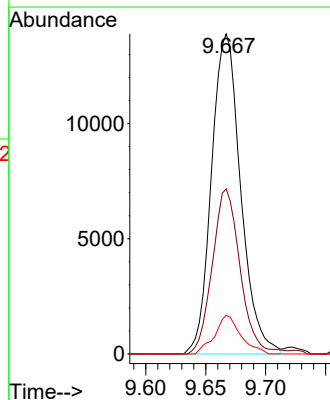
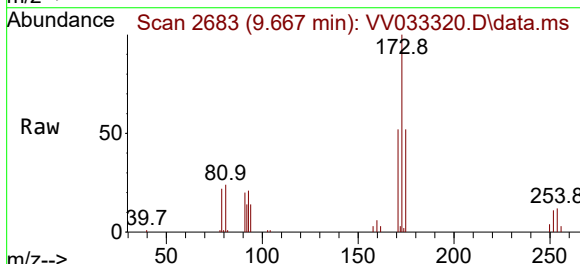
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

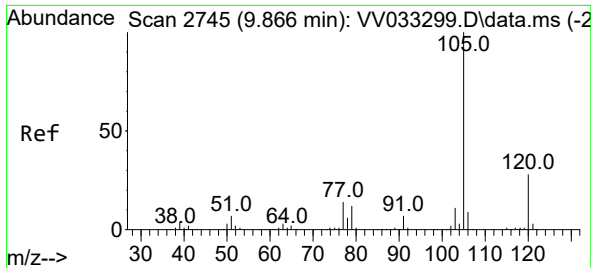
Tgt Ion: 83 Resp: 29067
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4
131 12.7 11.5 17.3



#59
Bromoform
Concen: 4.843 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 173 Resp: 23509
Ion Ratio Lower Upper
173 100
175 49.2 37.0 55.4
254 10.8 8.5 12.7

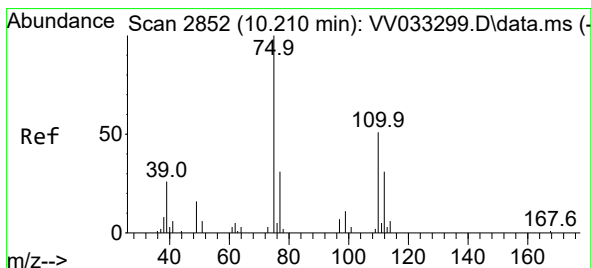
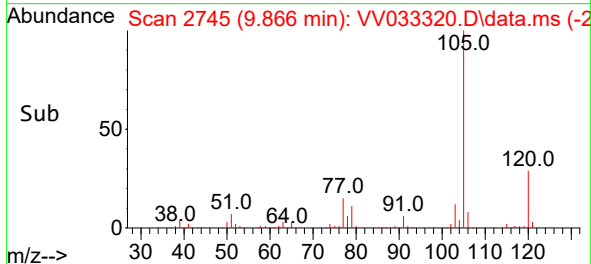
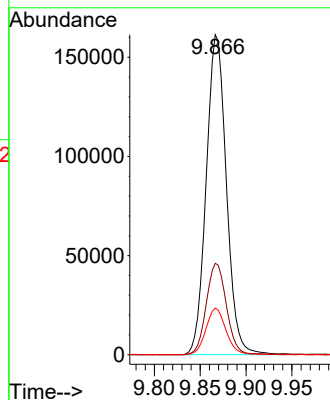
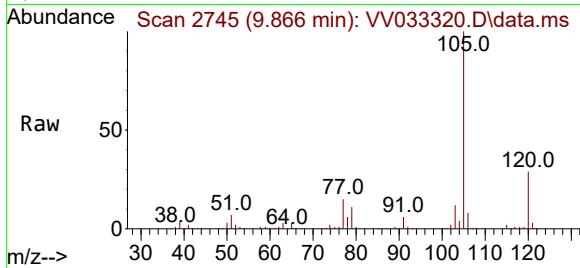




#60
Isopropylbenzene
Concen: 4.720 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

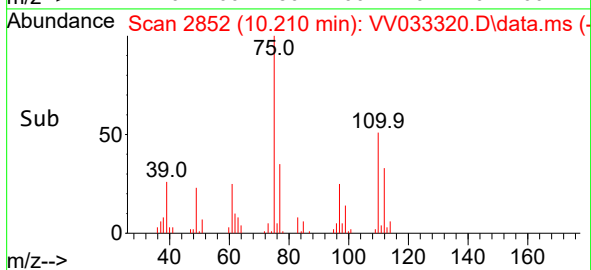
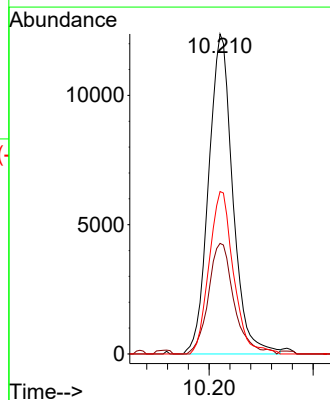
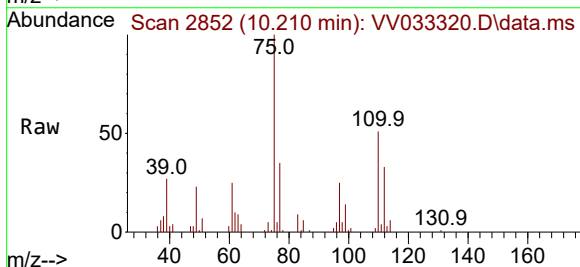
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

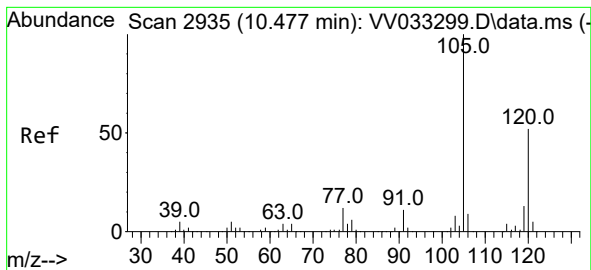
Tgt Ion:105 Resp: 247099
Ion Ratio Lower Upper
105 100
120 28.5 22.2 33.4
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion: 75 Resp: 19968
Ion Ratio Lower Upper
75 100
77 36.7 27.4 41.2
110 51.3 39.4 59.2





#62

1,3,5-Trimethylbenzene

Concen: 4.758 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

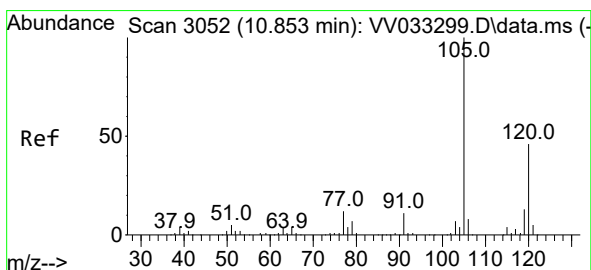
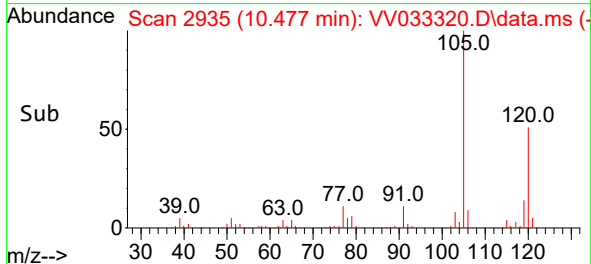
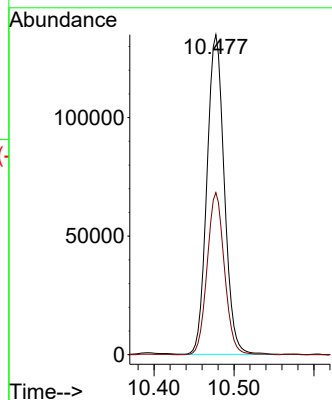
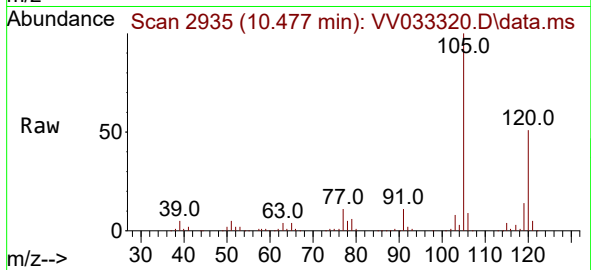
E0Y81MS

Tgt Ion:105 Resp: 203681

Ion Ratio Lower Upper

105 100

120 50.5 41.7 62.5



#63

1,2,4-Trimethylbenzene

Concen: 4.963 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV033320.D

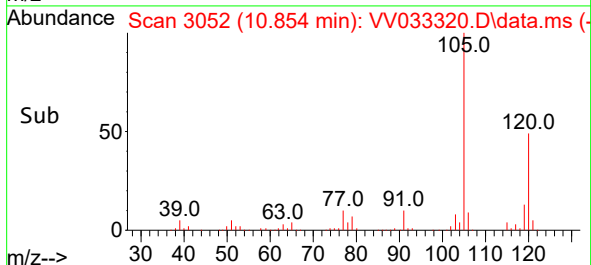
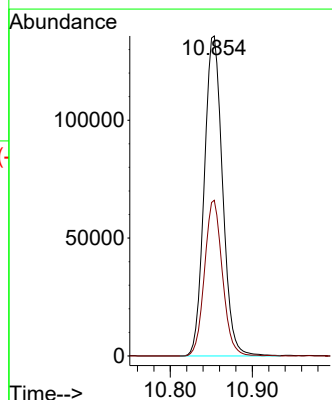
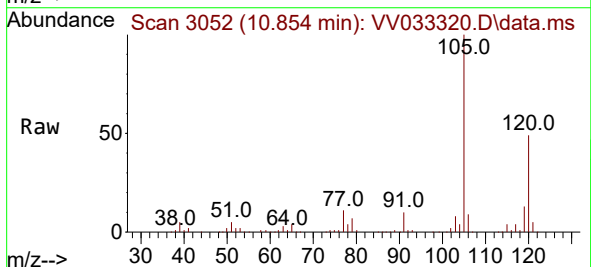
Acq: 14 Dec 2023 09:05

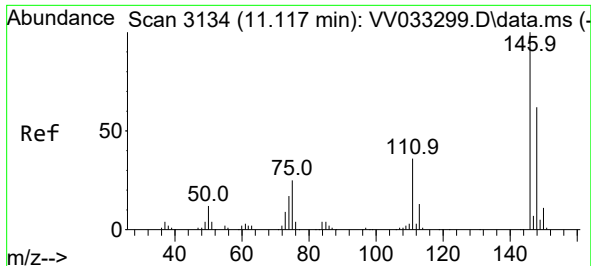
Tgt Ion:105 Resp: 210146

Ion Ratio Lower Upper

105 100

120 47.6 38.1 57.1

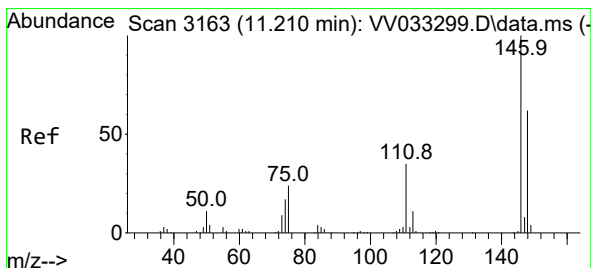
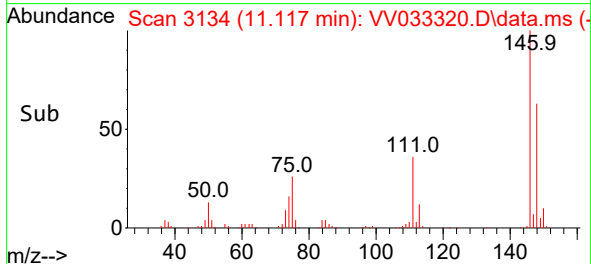
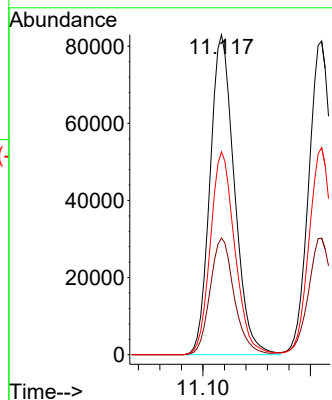
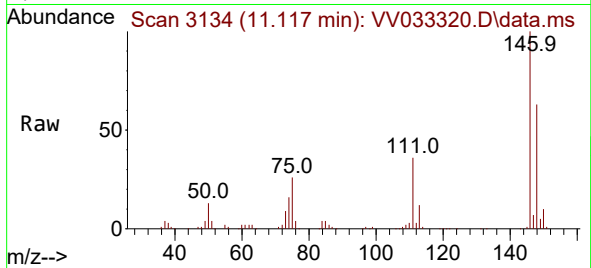




#64
1,3-Dichlorobenzene
Concen: 4.897 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

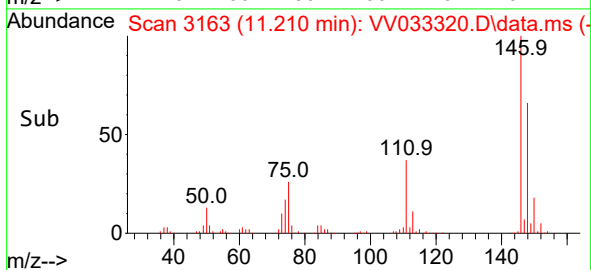
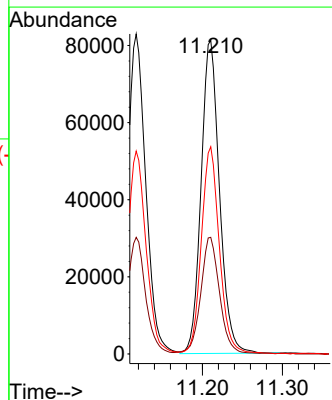
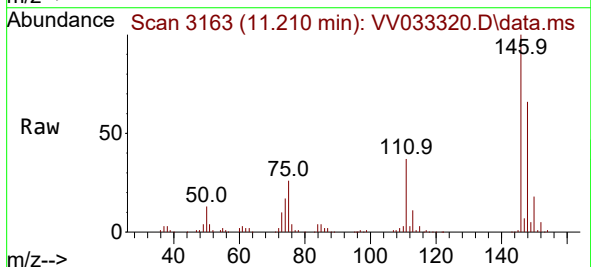
Instrument :
MSVOA_V
ClientSampleId :
E0Y81MS

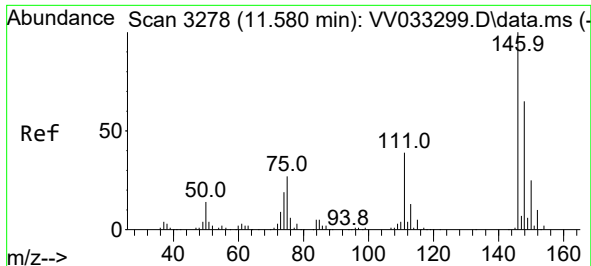
Tgt Ion:146 Resp: 130456
Ion Ratio Lower Upper
146 100
111 36.5 26.0 48.2
148 63.4 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.913 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033320.D
Acq: 14 Dec 2023 09:05

Tgt Ion:146 Resp: 130224
Ion Ratio Lower Upper
146 100
111 37.2 25.6 47.4
148 66.0 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.077 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

E0Y81MS

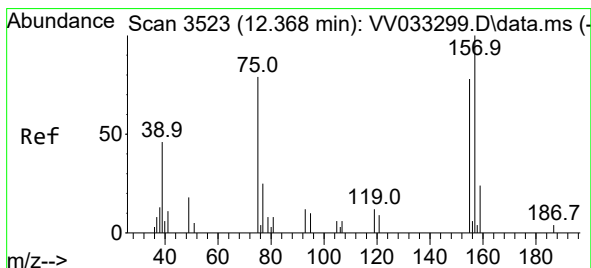
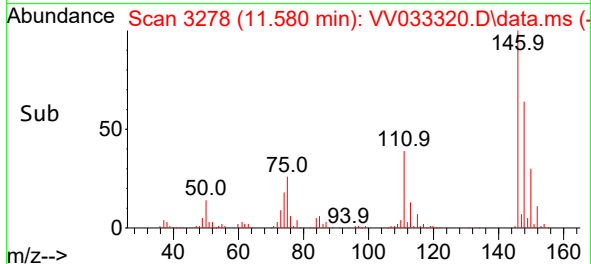
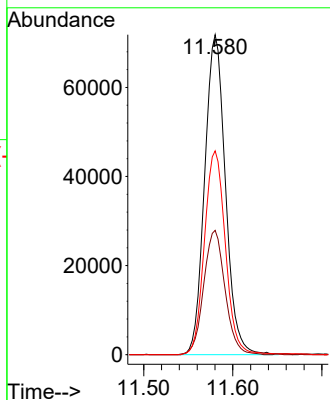
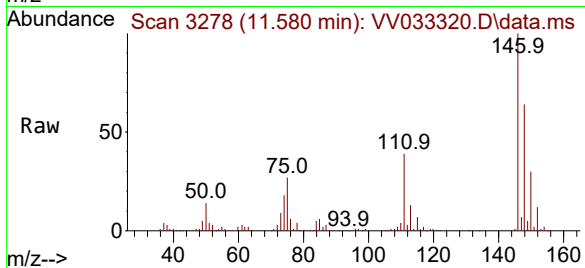
Tgt Ion:146 Resp: 116274

Ion Ratio Lower Upper

146 100

111 38.9 31.0 46.4

148 63.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.654 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

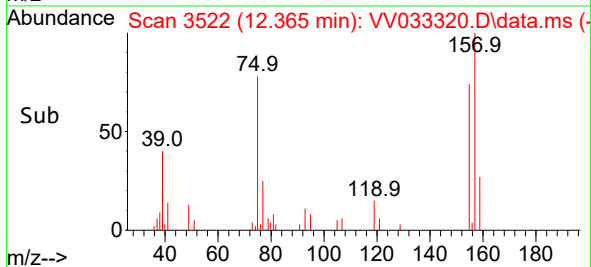
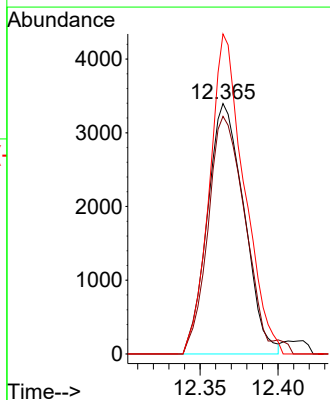
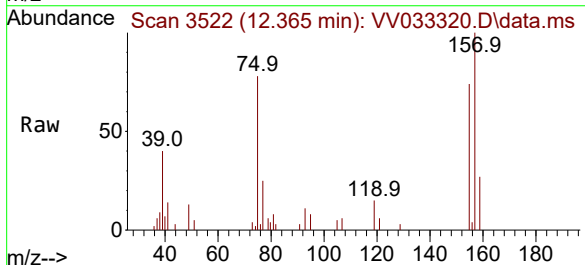
Tgt Ion: 75 Resp: 5538

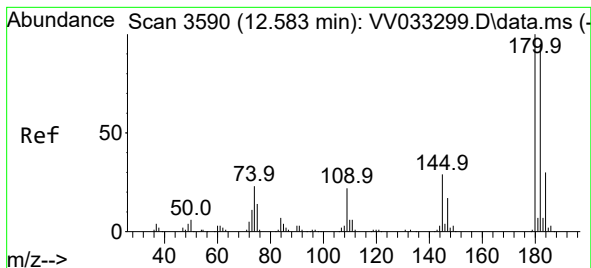
Ion Ratio Lower Upper

75 100

155 94.8 79.8 119.8

157 127.8 110.2 165.2





#69

1,3,5-Trichlorobenzene

Concen: 4.738 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

E0Y81MS

Tgt Ion:180 Resp: 100763

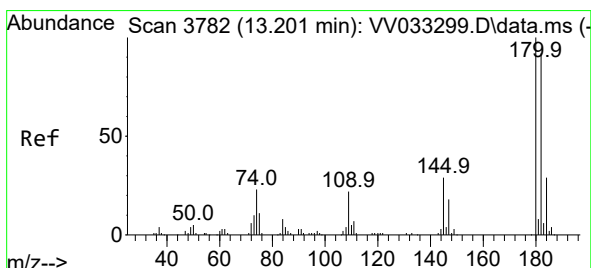
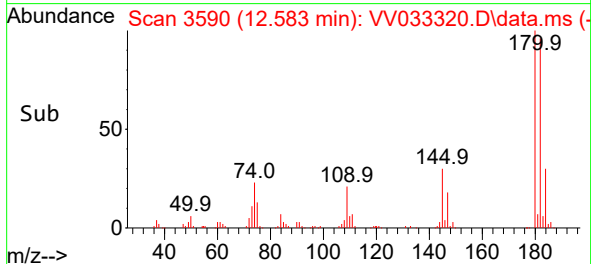
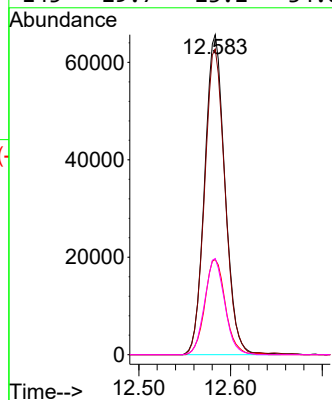
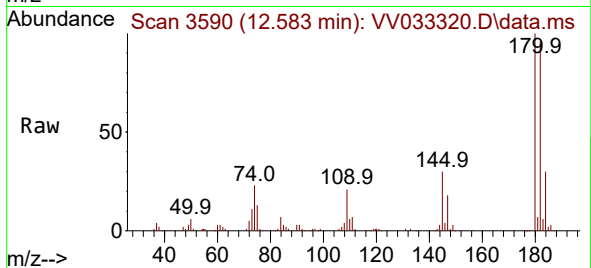
Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

184 30.1 24.5 36.7

145 29.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.659 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

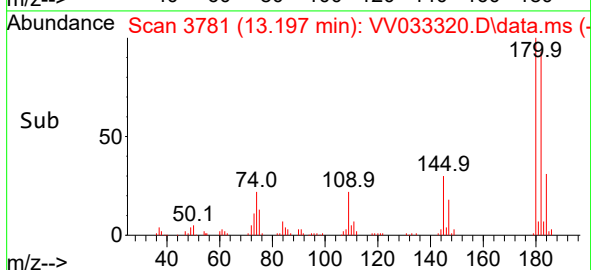
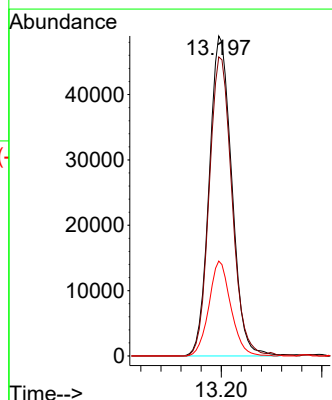
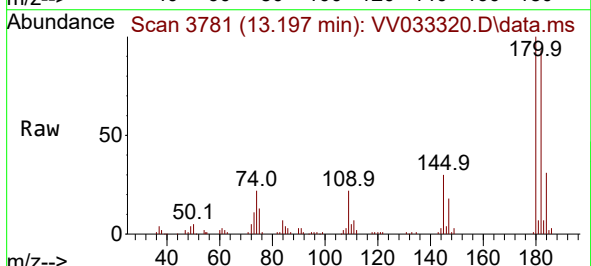
Tgt Ion:180 Resp: 76330

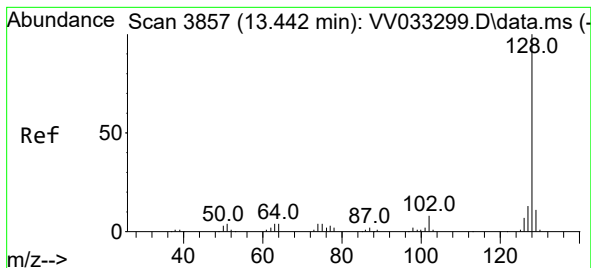
Ion Ratio Lower Upper

180 100

182 93.8 74.2 111.4

145 28.8 22.6 34.0





#71

Naphthalene

Concen: 3.224 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Instrument :

MSVOA_V

ClientSampleId :

E0Y81MS

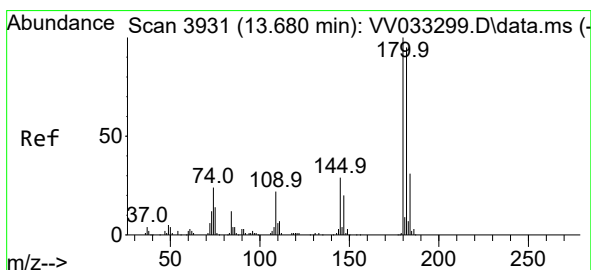
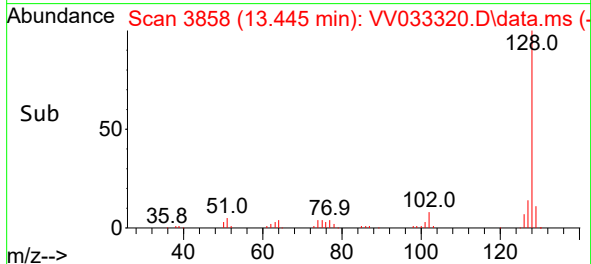
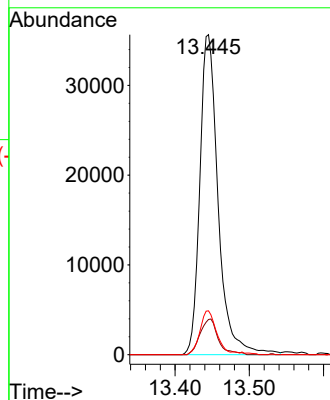
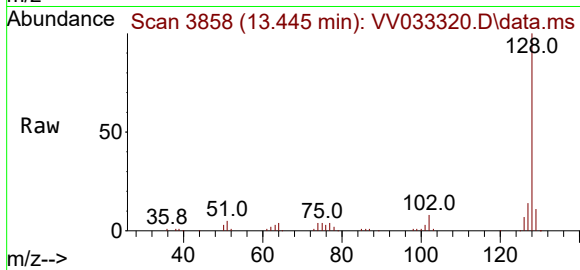
Tgt Ion:128 Resp: 61192

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.734 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033320.D

Acq: 14 Dec 2023 09:05

Tgt Ion:180 Resp: 62248

Ion Ratio Lower Upper

180 100

182 94.4 78.8 118.2

145 29.9 26.6 40.0

