

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035323.D
 Acq On : 22 Apr 2024 10:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	417803	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	419585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	232891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207609	51.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.900%
7) Chloroethane-d5	1.532	69	167023	47.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.320%
11) 1,1-Dichloroethene-d2	2.060	65	83954	47.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.940%
21) 2-Butanone-d5	3.786	46	225736	94.330	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.330%
24) Chloroform-d	4.243	84	355443	52.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.780%
26) 1,2-Dichloroethane-d4	4.937	65	214718	49.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	4.954	84	710170	50.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
36) 1,2-Dichloropropane-d6	5.982	67	219273	48.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.980%
41) Toluene-d8	7.240	98	652720	51.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
43) trans-1,3-Dichloroprop...	7.548	79	103878	47.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	8.021	63	145095	85.747	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.750%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306251	49.690	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.380%
66) 1,2-Dichlorobenzene-d4	11.558	152	253387	48.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	121466	40.113	ug/L	99
3) Chloromethane	1.217	50	145337	37.334	ug/L	100
5) Vinyl chloride	1.285	62	161811	39.649	ug/L	99
6) Bromomethane	1.491	94	150021	49.040	ug/L	99
8) Chloroethane	1.549	64	117963	42.322	ug/L	98
9) Trichlorofluoromethane	1.712	101	237225	44.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	157863	48.151	ug/L	97
12) 1,1-Dichloroethene	2.069	96	132194	42.159	ug/L	97
13) Acetone	2.121	43	247655	112.724	ug/L	99
14) Carbon disulfide	2.240	76	330362	37.413	ug/L	99
15) Methyl Acetate	2.372	43	189801	54.822	ug/L	99
16) Methylene chloride	2.446	84	182751	53.789	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	154401	50.931	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	572303	53.747	ug/L	100
19) 1,1-Dichloroethane	3.108	63	340340	54.745	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	189476	55.040	ug/L	94
22) 2-Butanone	3.867	43	278098	109.085	ug/L	99
23) Bromochloromethane	4.143	128	98488	57.182	ug/L	92
25) Chloroform	4.269	83	349123	56.801	ug/L	98

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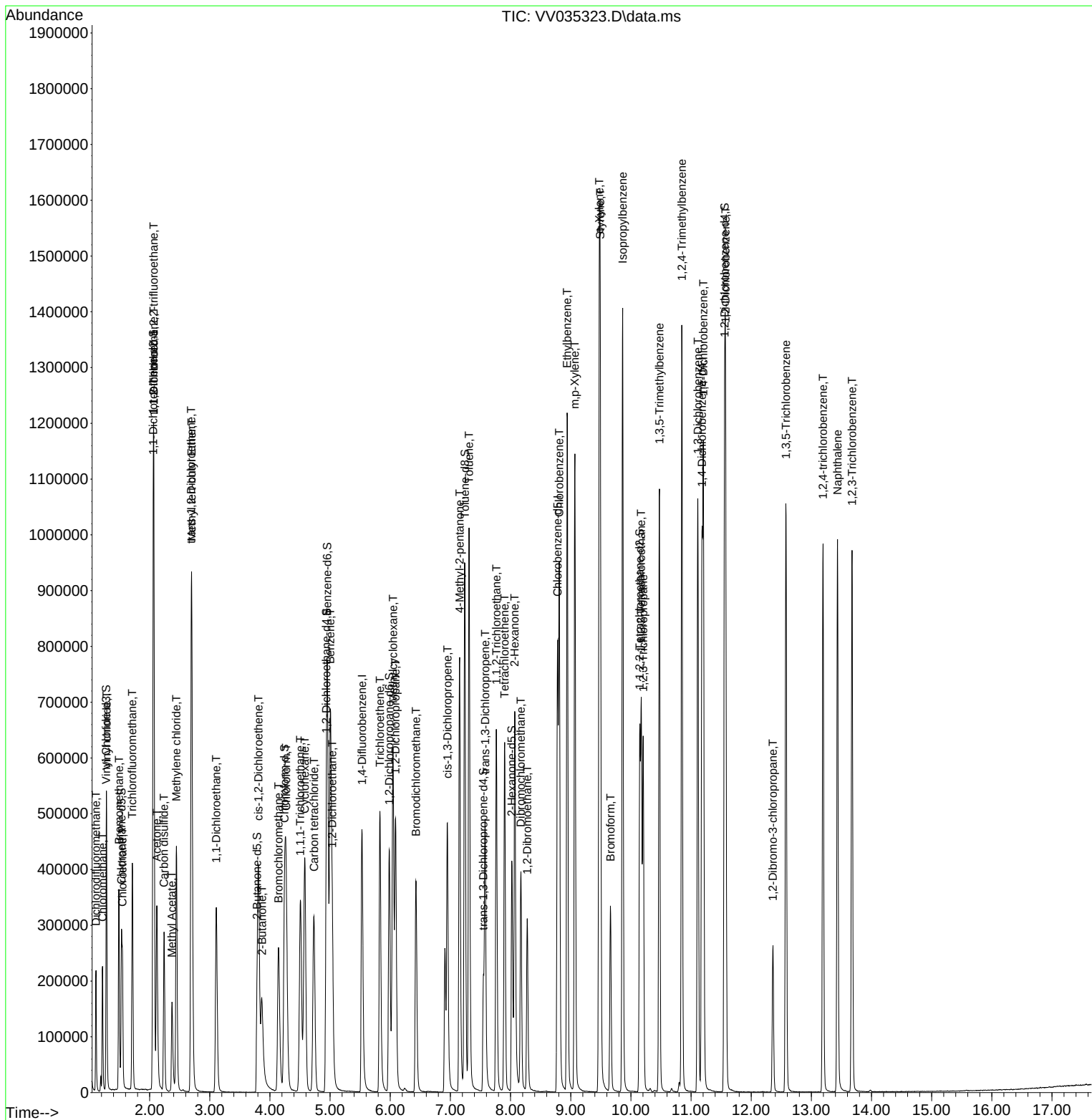
Instrument :
 MSVOA_V
 ClientSampleId :

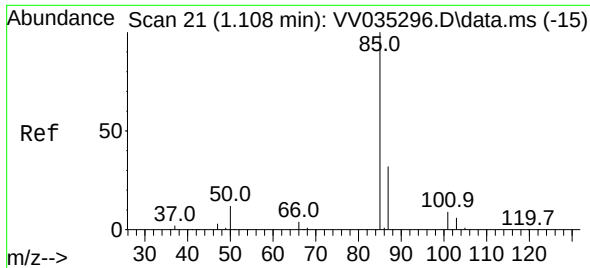
Quant Time: Apr 23 00:24:31 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	263060	53.755	ug/L	98
29) Cyclohexane	4.581	56	234486	44.620	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	288559	52.760	ug/L	99
31) Carbon tetrachloride	4.732	117	245840	53.032	ug/L	99
33) Benzene	5.005	78	693512	50.688	ug/L	100
34) Trichloroethene	5.828	95	184528	49.974	ug/L	99
35) Methylcyclohexane	6.047	83	264307	47.397	ug/L	99
37) 1,2-Dichloropropane	6.088	63	202883	53.657	ug/L	99
38) Bromodichloromethane	6.426	83	263540	54.021	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	313461	52.626	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	498784	103.320	ug/L	99
42) Toluene	7.310	91	752663	52.545	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	296748	54.228	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	201563	56.558	ug/L	98
46) Tetrachloroethene	7.902	164	142295	55.160	ug/L	97
48) 2-Hexanone	8.069	43	425105	103.536	ug/L	97
49) Dibromochloromethane	8.172	129	200802	56.889	ug/L	98
50) 1,2-Dibromoethane	8.278	107	205847	53.650	ug/L	97
51) Chlorobenzene	8.809	112	506448	54.552	ug/L	100
52) Ethylbenzene	8.940	91	848660	53.458	ug/L	100
53) m,p-Xylene	9.069	106	317637	54.331	ug/L	98
54) o-Xylene	9.474	106	311511	53.852	ug/L	99
55) Styrene	9.490	104	565667	57.867	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	335140	58.041	ug/L	97
59) Bromoform	9.661	173	150969	56.567	ug/L	98
60) Isopropylbenzene	9.863	105	862541	51.374	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	255742	50.676	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	561450	51.491	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	706967	52.440	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	430225	54.833	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	446475	55.957	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	434816	55.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	66411	47.766	ug/L	91
69) 1,3,5-Trichlorobenzene	12.577	180	330114	58.379	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	300834	57.917	ug/L	99
71) Naphthalene	13.435	128	761475	52.840	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	298744	58.348	ug/L	99

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

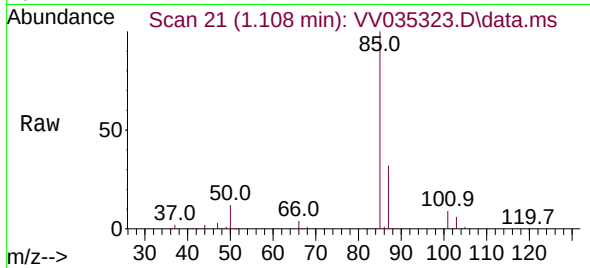
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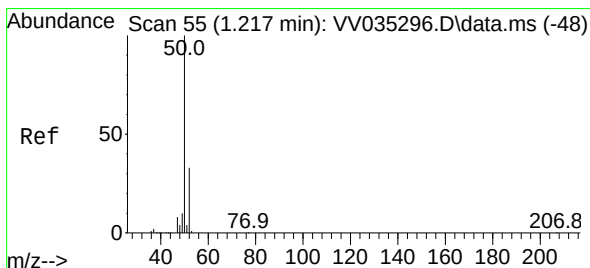
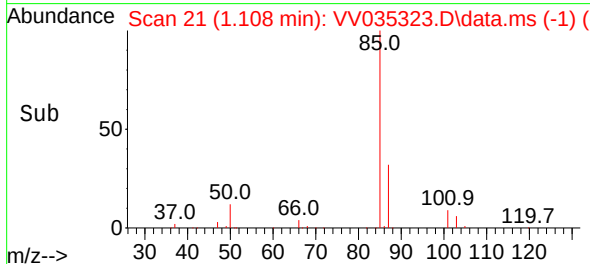
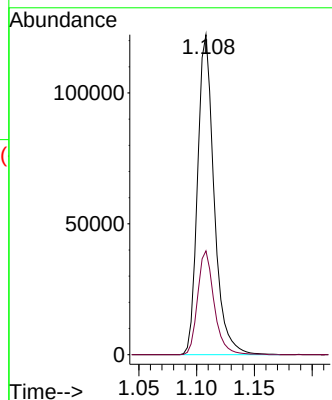


#2
 Dichlorodifluoromethane
 Concen: 40.113 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035323.D
 Acq: 22 Apr 2024 10:58

Instrument :
 MSVOA_V
 ClientSampleId :

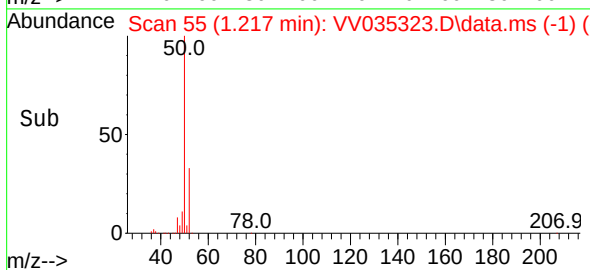
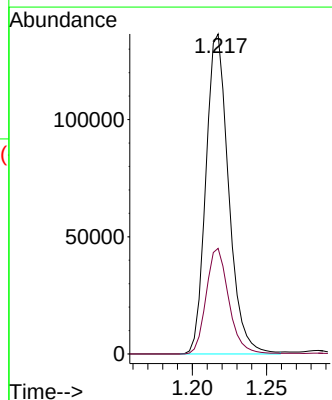
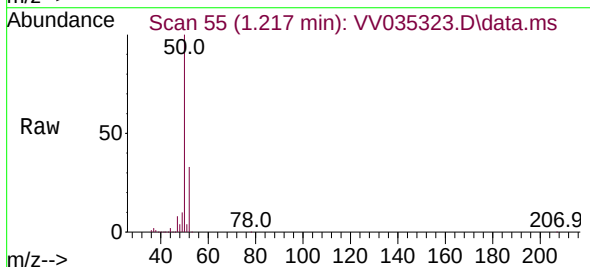


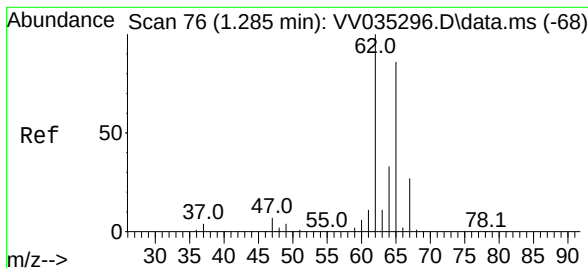
Tgt Ion: 85 Resp: 121466
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5



#3
 Chloromethane
 Concen: 37.334 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035323.D
 Acq: 22 Apr 2024 10:58

Tgt Ion: 50 Resp: 145337
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8





#5

Vinyl chloride

Concen: 39.649 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

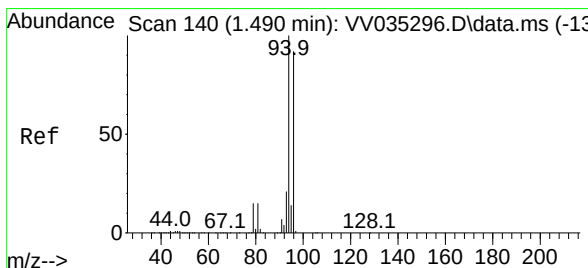
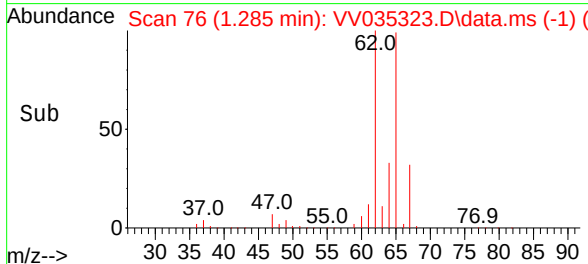
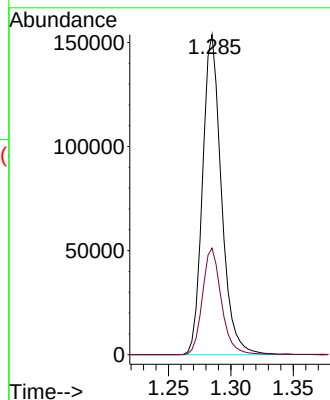
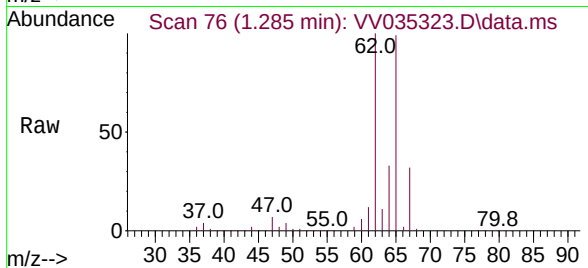
ClientSampleId :

Tgt Ion: 62 Resp: 161811

Ion Ratio Lower Upper

62 100

64 33.3 23.6 43.8



#6

Bromomethane

Concen: 49.040 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV035323.D

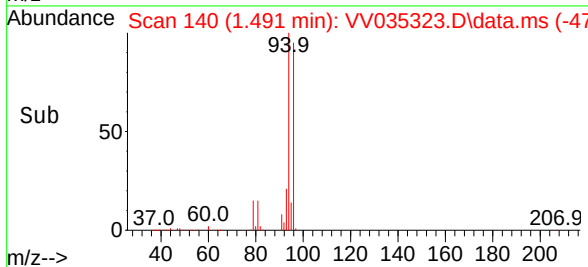
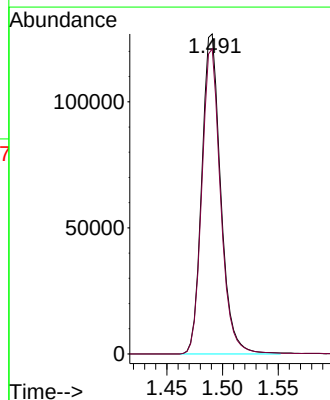
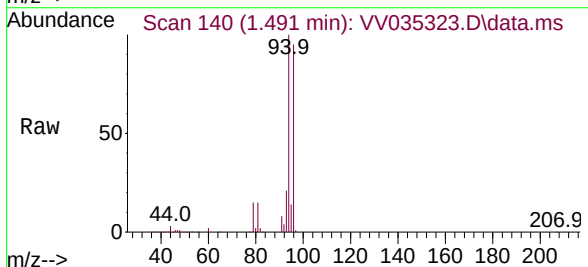
Acq: 22 Apr 2024 10:58

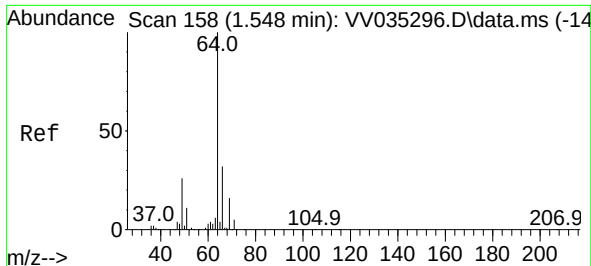
Tgt Ion: 94 Resp: 150021

Ion Ratio Lower Upper

94 100

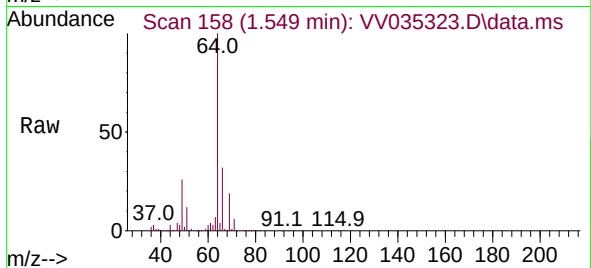
96 95.4 66.3 123.1



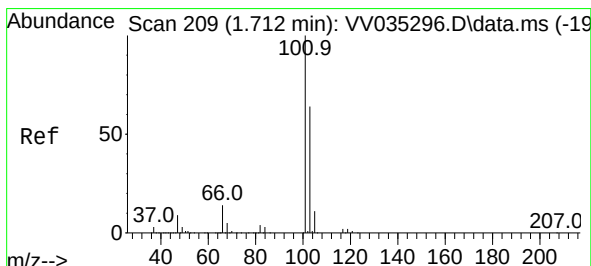
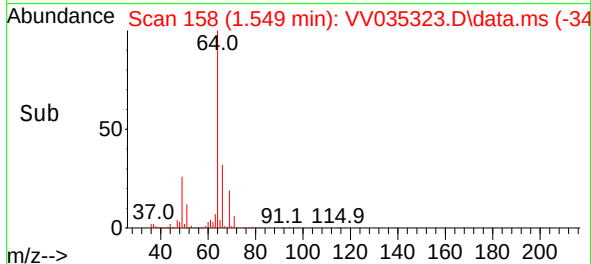
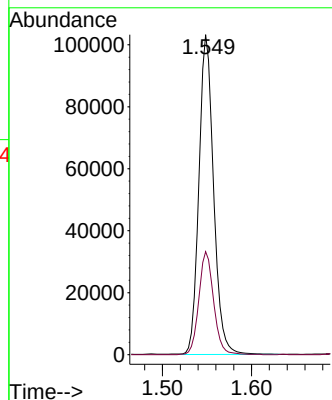


#8
Chloroethane
Concen: 42.322 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_V
ClientSampleId :

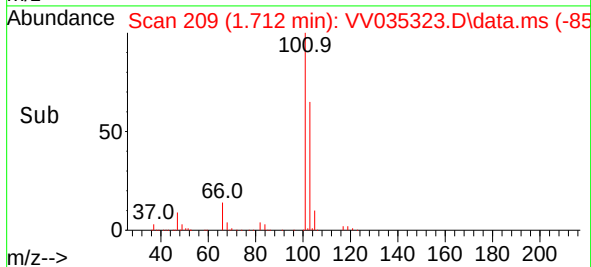
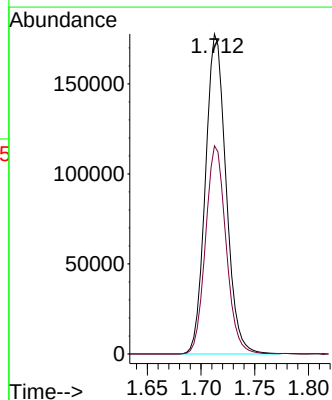
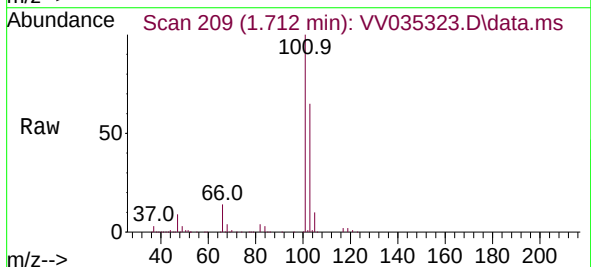


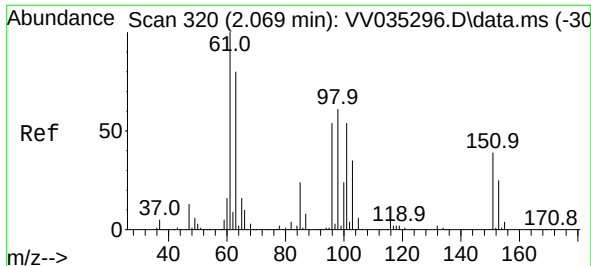
Tgt Ion: 64 Resp: 117963
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 44.288 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion:101 Resp: 237225
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.151 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :

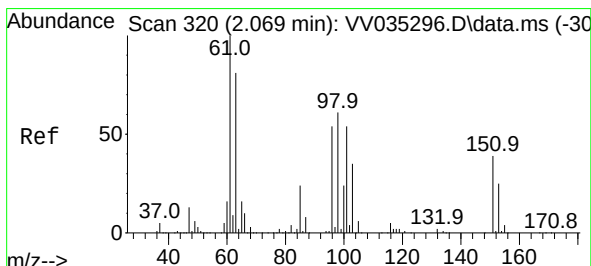
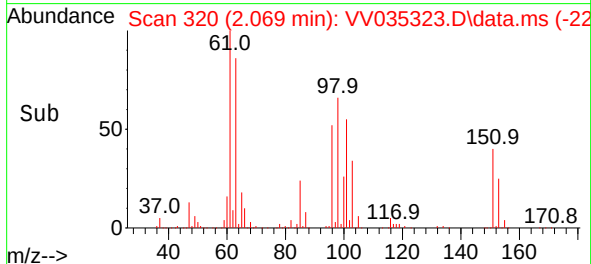
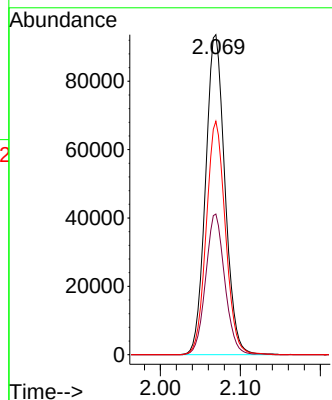
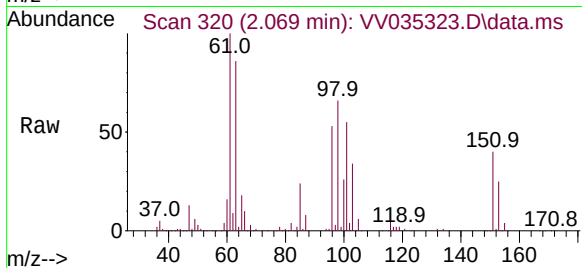
Tgt Ion:101 Resp: 157863

Ion Ratio Lower Upper

101 100

85 43.4 35.3 52.9

151 72.2 55.0 82.4



#12

1,1-Dichloroethene

Concen: 42.159 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

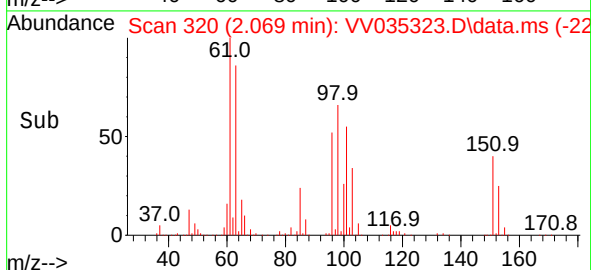
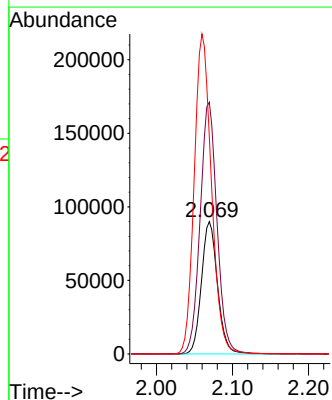
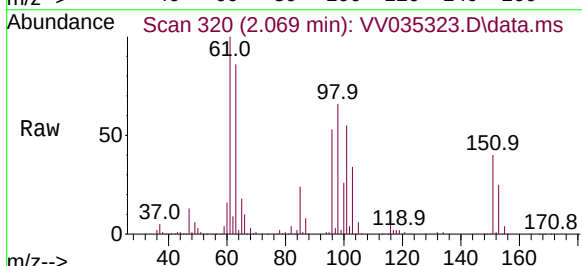
Tgt Ion: 96 Resp: 132194

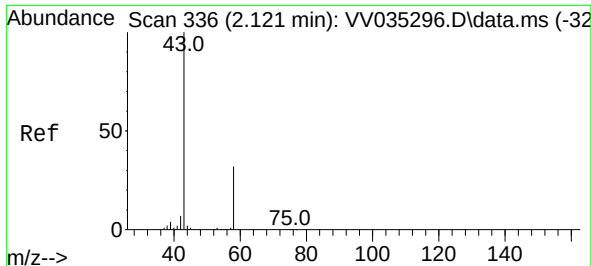
Ion Ratio Lower Upper

96 100

61 190.4 131.5 244.3

63 164.4 111.4 206.8





#13

Acetone

Concen: 112.724 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

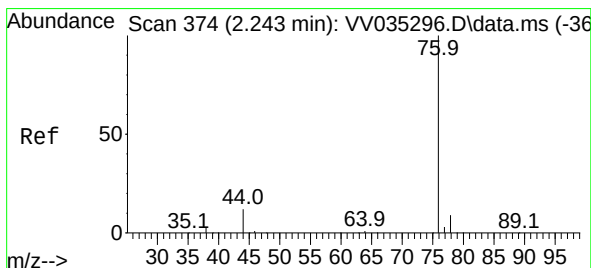
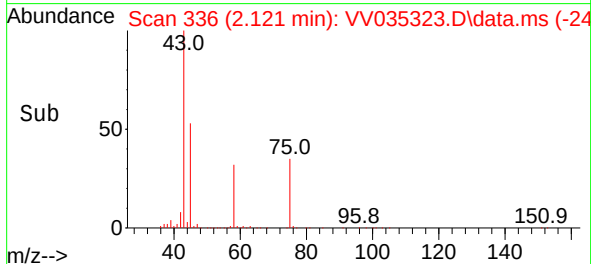
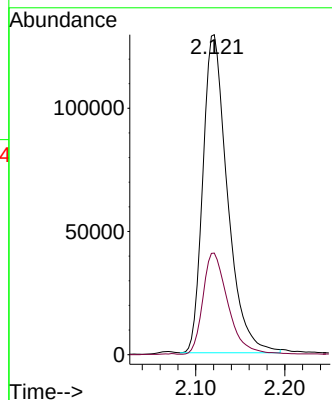
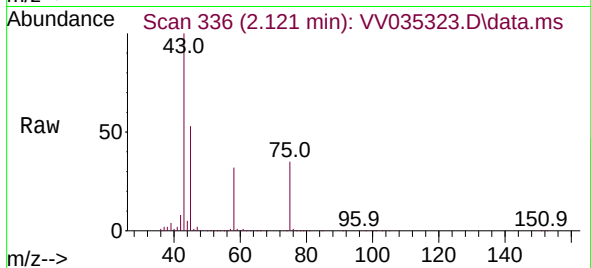
ClientSampleId :

Tgt Ion: 43 Resp: 247655

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#14

Carbon disulfide

Concen: 37.413 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035323.D

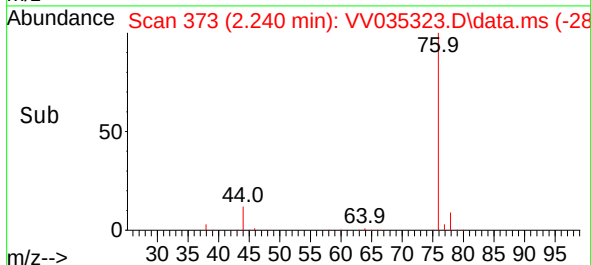
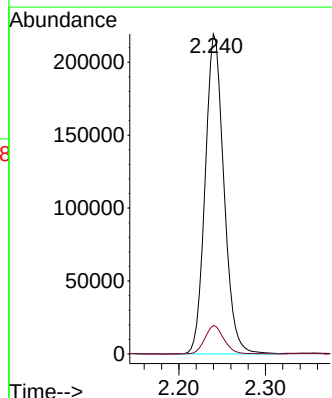
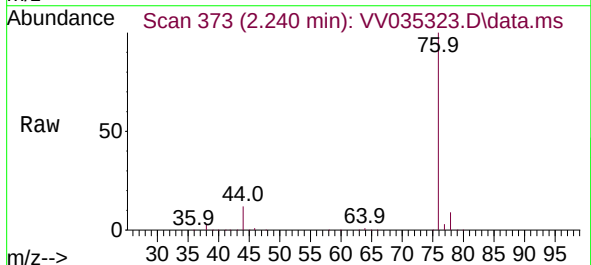
Acq: 22 Apr 2024 10:58

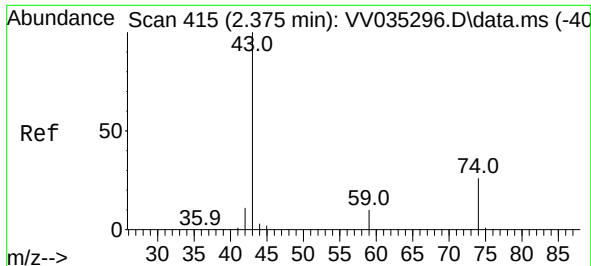
Tgt Ion: 76 Resp: 330362

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 54.822 ug/L

RT: 2.372 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

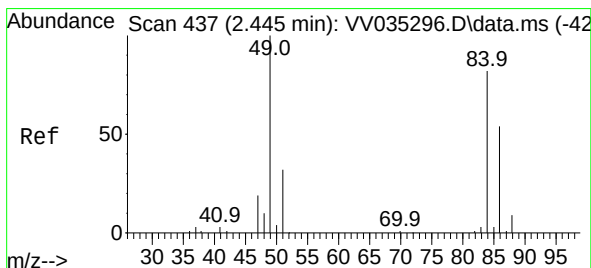
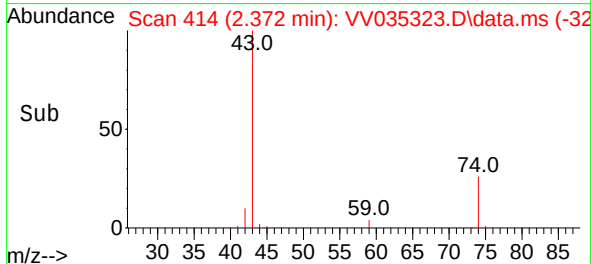
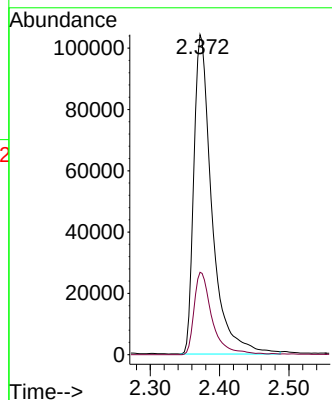
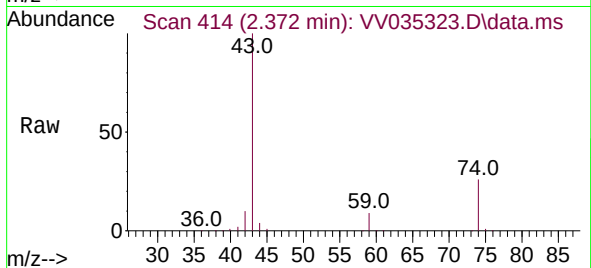
ClientSampleId :

Tgt Ion: 43 Resp: 189801

Ion Ratio Lower Upper

43 100

74 25.4 19.8 29.8



#16

Methylene chloride

Concen: 53.789 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

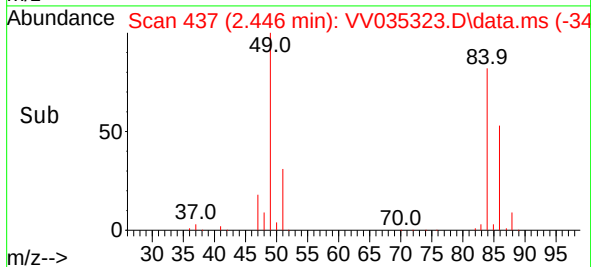
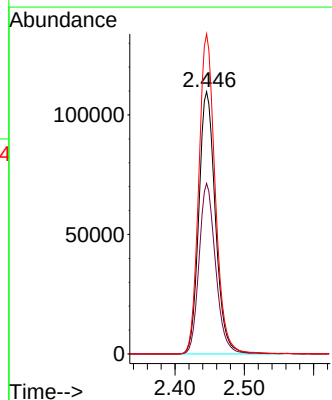
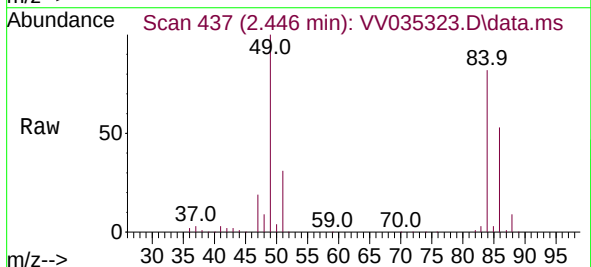
Tgt Ion: 84 Resp: 182751

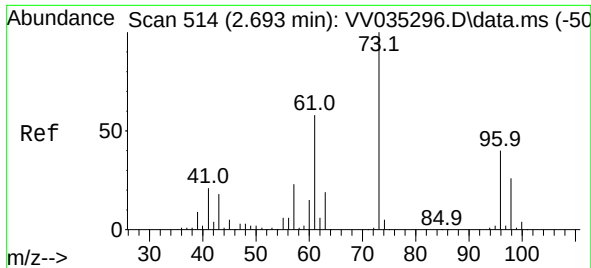
Ion Ratio Lower Upper

84 100

86 65.1 44.6 82.8

49 122.1 86.9 161.3

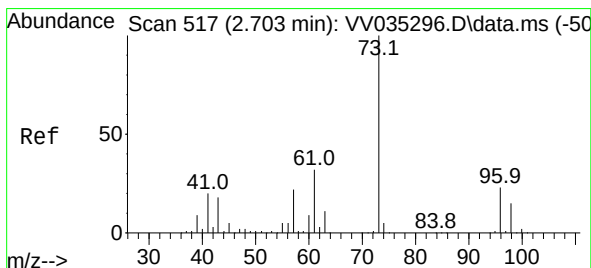
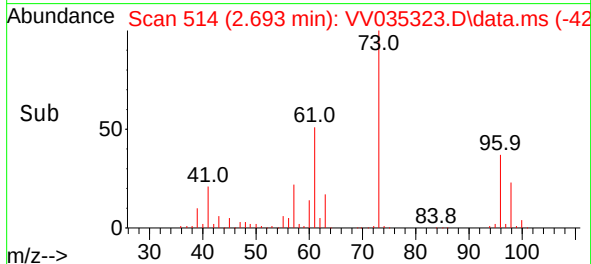
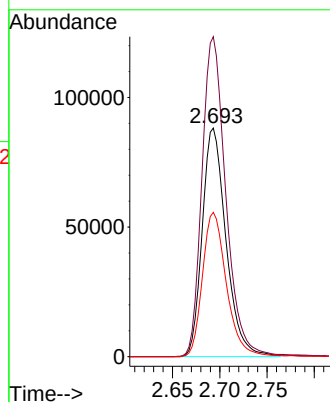
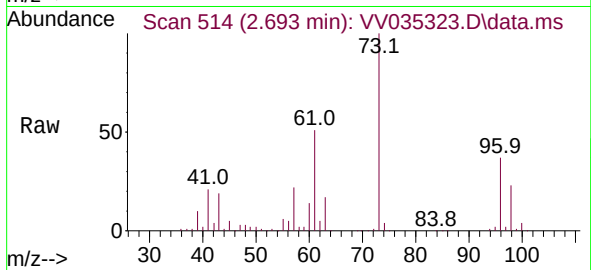




#17
trans-1,2-Dichloroethene
Concen: 50.931 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

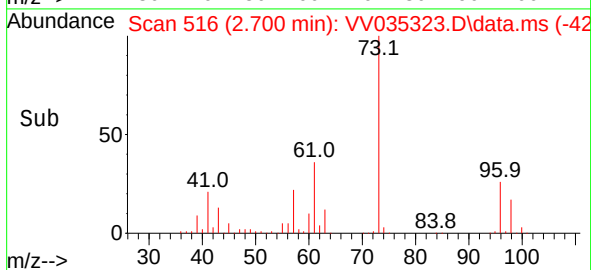
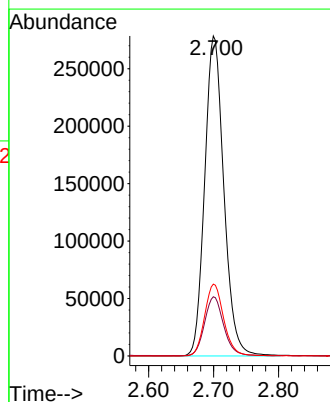
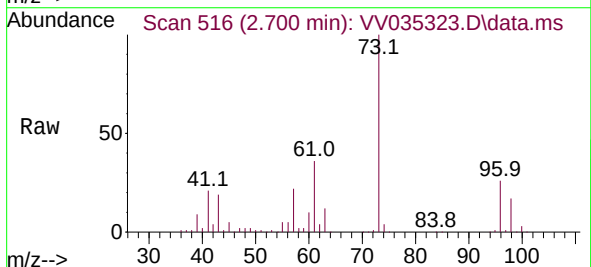
Instrument :
MSVOA_V
ClientSampleId :

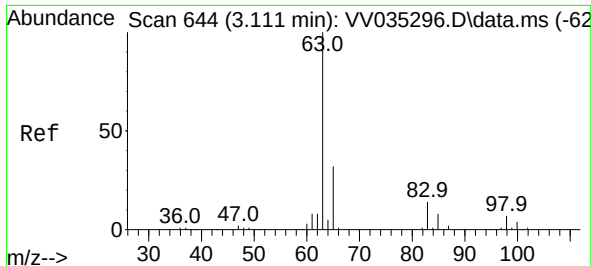
Tgt Ion: 96 Resp: 154401
Ion Ratio Lower Upper
96 100
61 140.0 99.0 183.8
98 63.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 53.747 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 73 Resp: 572303
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 54.745 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :

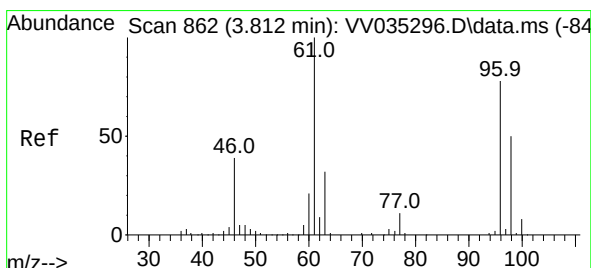
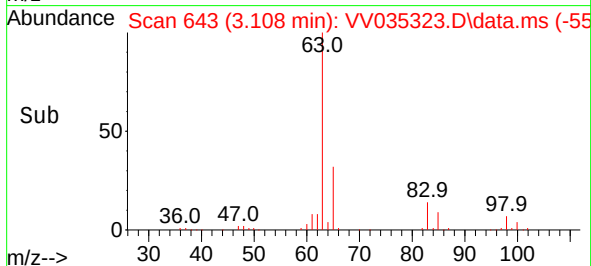
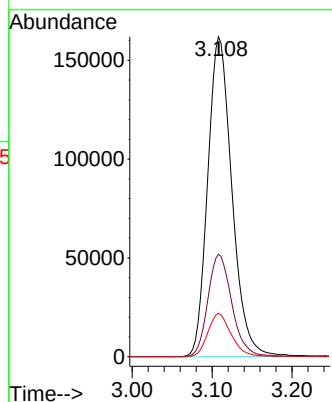
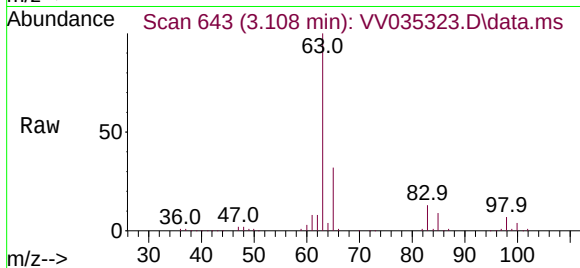
Tgt Ion: 63 Resp: 340340

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.6

83 13.5 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 55.040 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

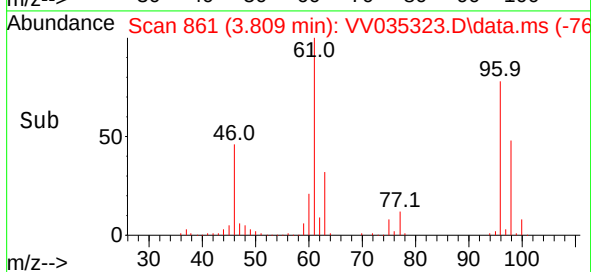
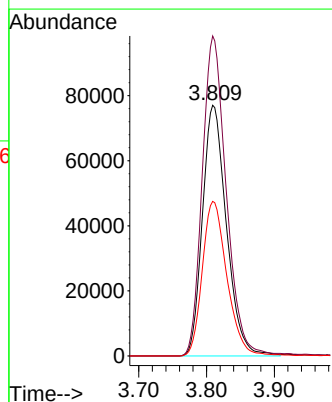
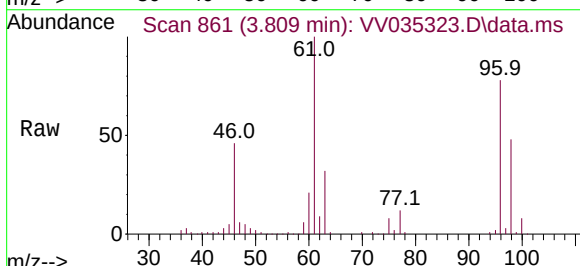
Tgt Ion: 96 Resp: 189476

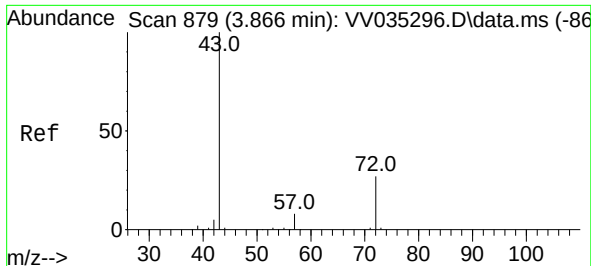
Ion Ratio Lower Upper

96 100

61 127.6 94.9 176.3

98 61.7 45.6 84.8

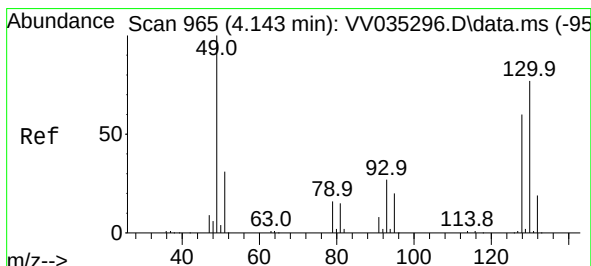
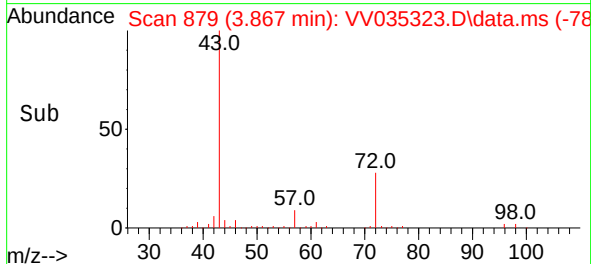
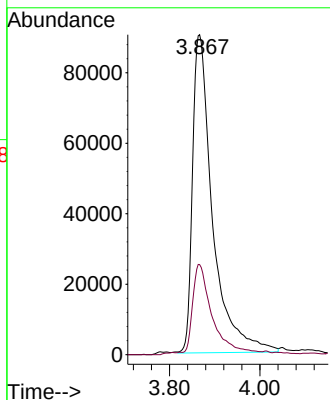
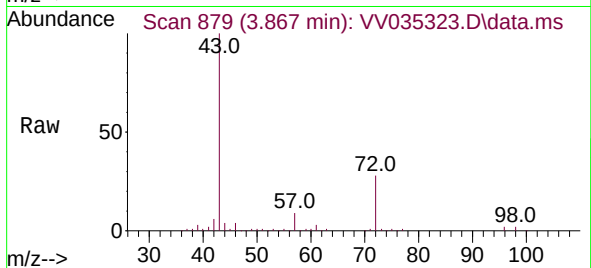




#22
2-Butanone
Concen: 109.085 ug/L
RT: 3.867 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

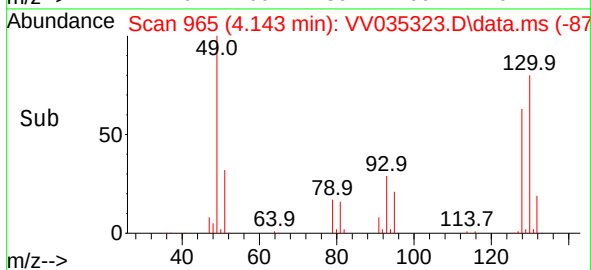
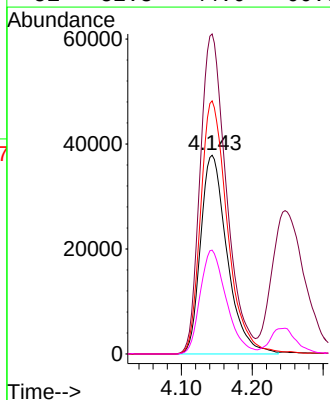
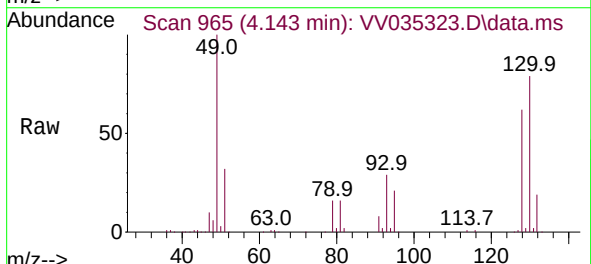
Instrument :
MSVOA_V
ClientSampleId :

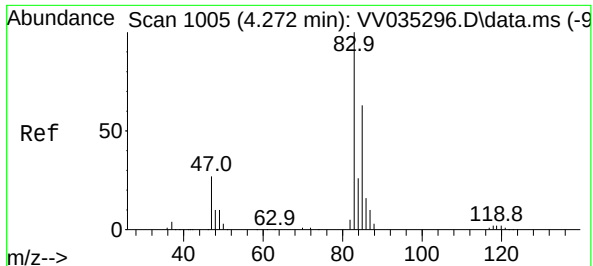
Tgt Ion: 43 Resp: 278098
Ion Ratio Lower Upper
43 100
72 26.0 13.2 39.6



#23
Bromochloromethane
Concen: 57.182 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion:128 Resp: 98488
Ion Ratio Lower Upper
128 100
49 161.1 123.8 229.8
130 127.4 93.2 173.0
51 52.3 44.0 66.0





#25

Chloroform

Concen: 56.801 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

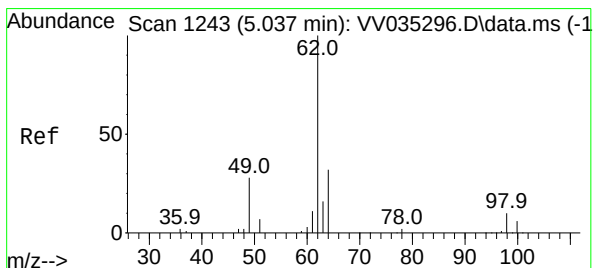
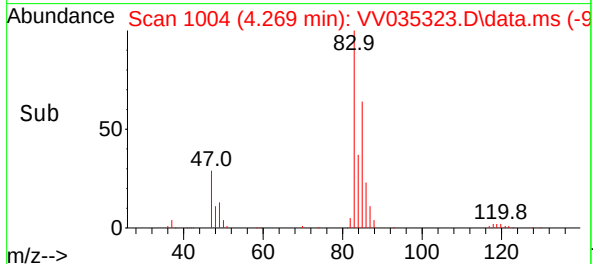
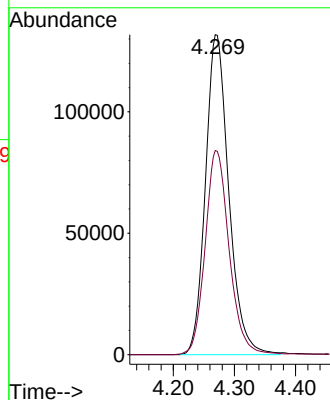
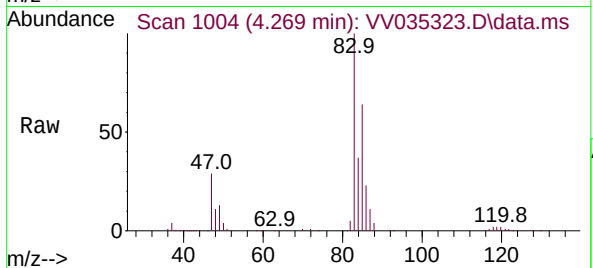
ClientSampleId :

Tgt Ion: 83 Resp: 349123

Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 53.755 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035323.D

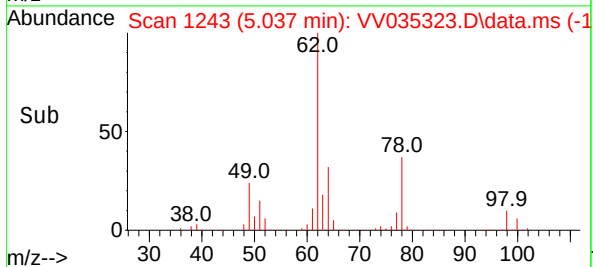
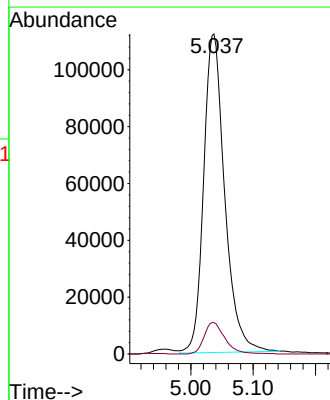
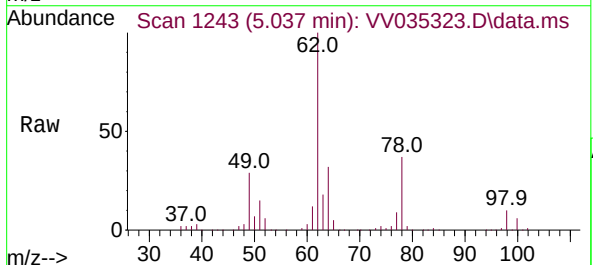
Acq: 22 Apr 2024 10:58

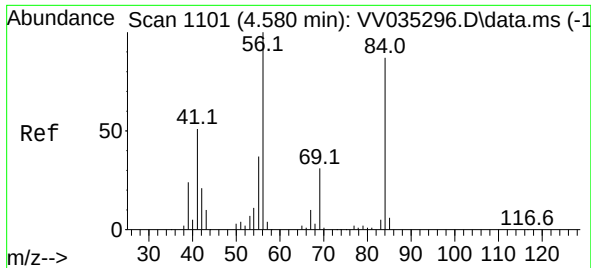
Tgt Ion: 62 Resp: 263060

Ion Ratio Lower Upper

62 100

98 9.8 7.2 10.8





#29

Cyclohexane

Concen: 44.620 ug/L

RT: 4.581 min Scan# 1101

Delta R.T. 0.000 min

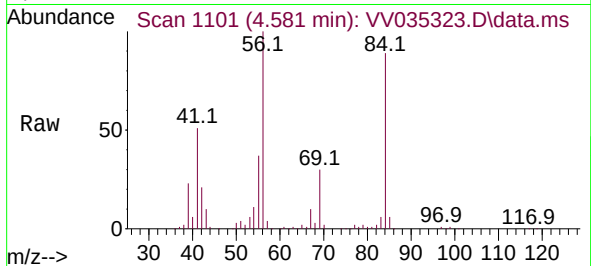
Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :



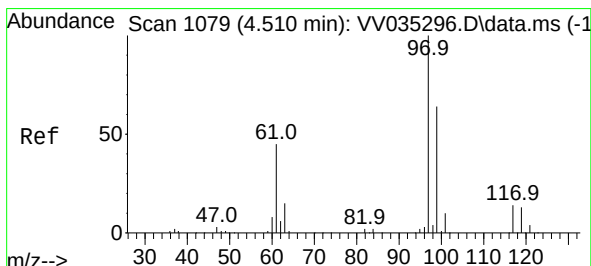
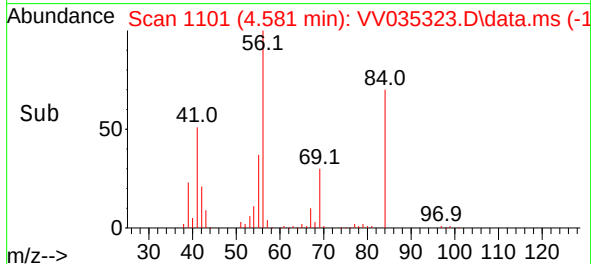
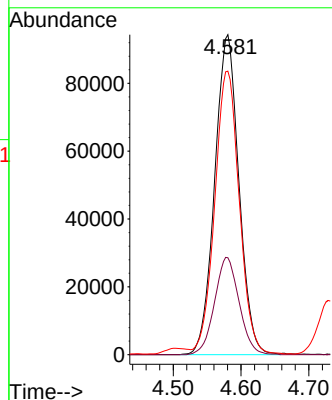
Tgt Ion: 56 Resp: 234486

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 89.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.760 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

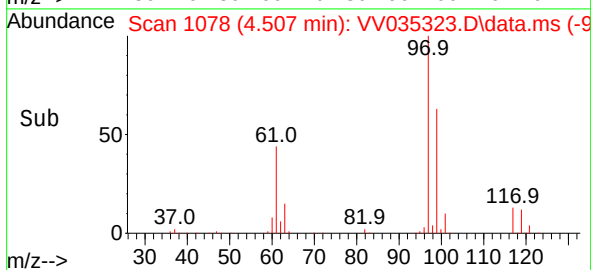
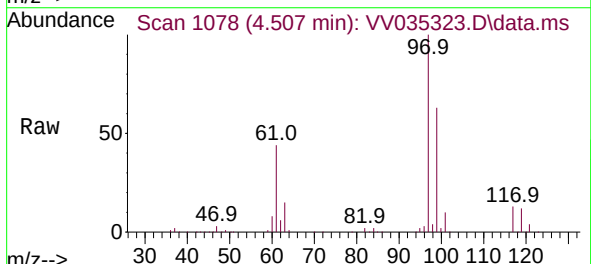
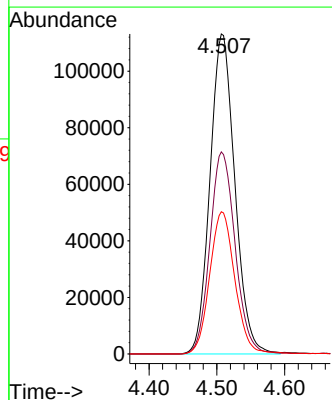
Tgt Ion: 97 Resp: 288559

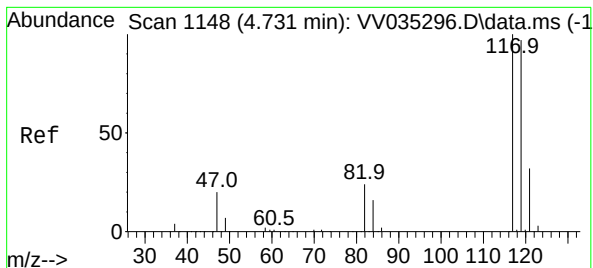
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 44.7 36.8 55.2





#31

Carbon tetrachloride

Concen: 53.032 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

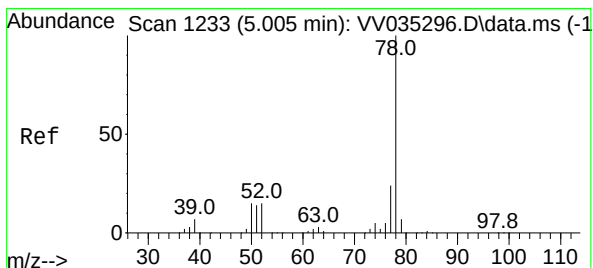
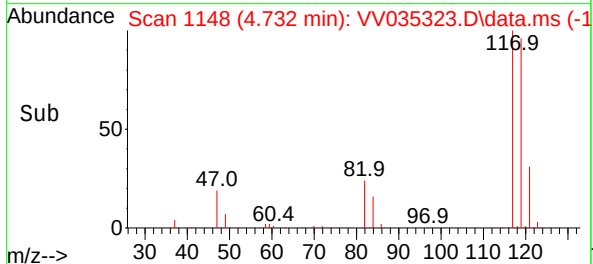
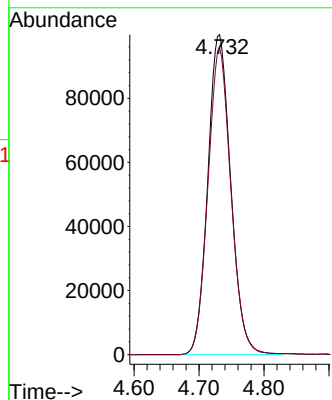
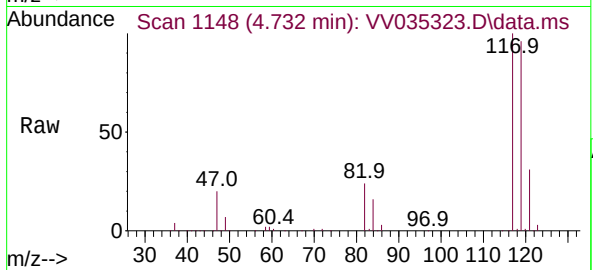
ClientSampleId :

Tgt Ion:117 Resp: 245840

Ion Ratio Lower Upper

117 100

119 95.9 77.1 115.7



#33

Benzene

Concen: 50.688 ug/L

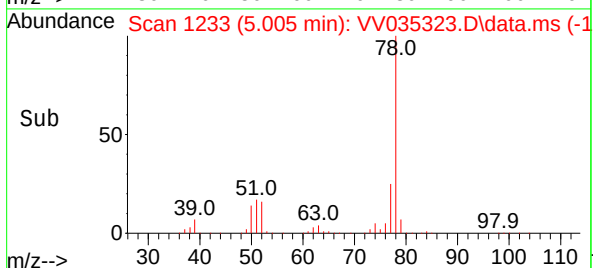
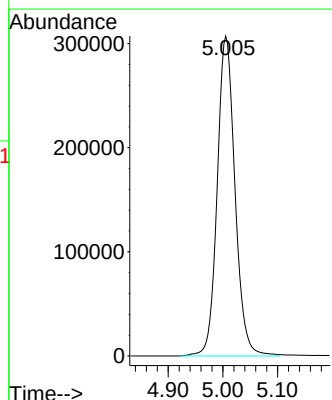
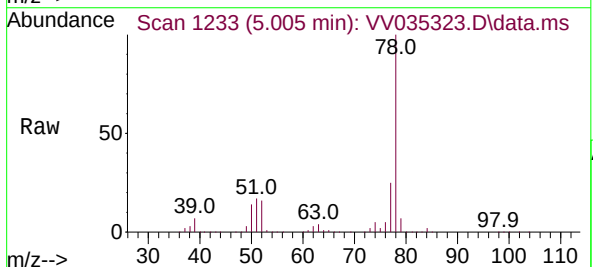
RT: 5.005 min Scan# 1233

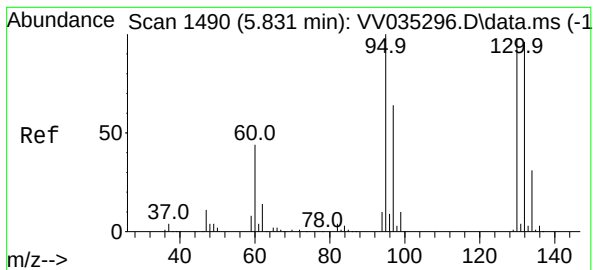
Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Tgt Ion: 78 Resp: 693512





#34

Trichloroethene

Concen: 49.974 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 184528

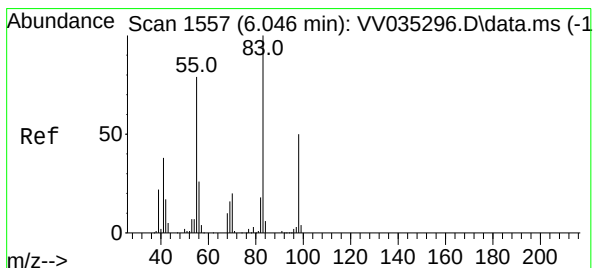
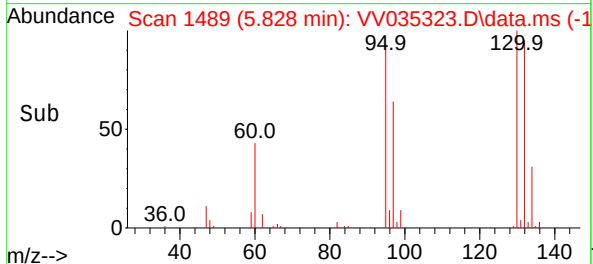
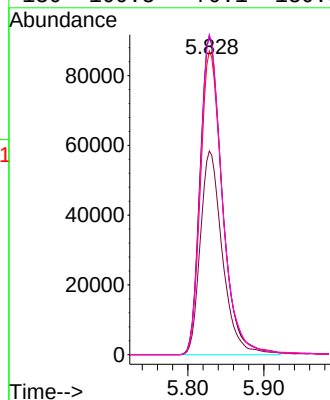
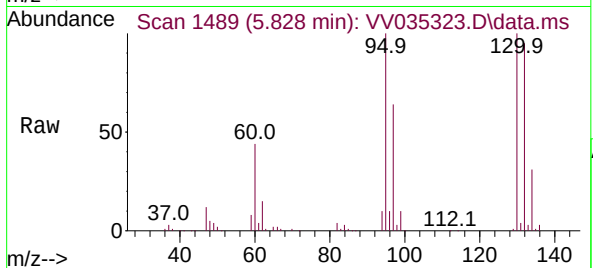
Ion Ratio Lower Upper

95 100

97 63.8 45.3 84.1

132 95.2 65.3 121.3

130 100.3 70.1 130.3



#35

Methylcyclohexane

Concen: 47.397 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

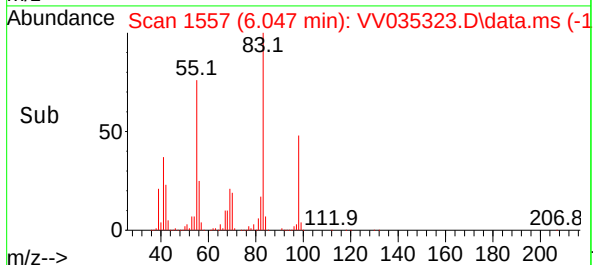
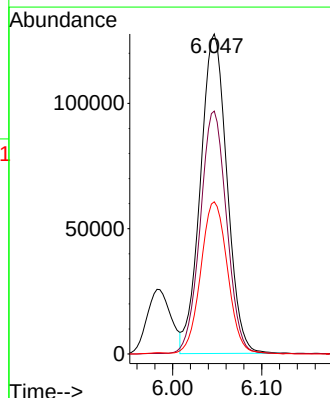
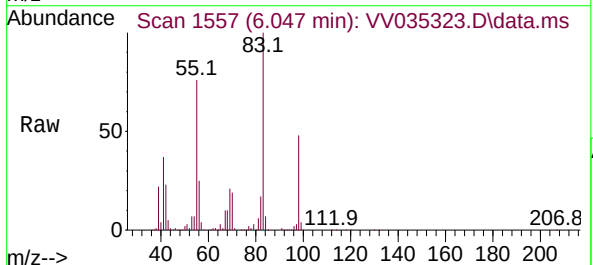
Tgt Ion: 83 Resp: 264307

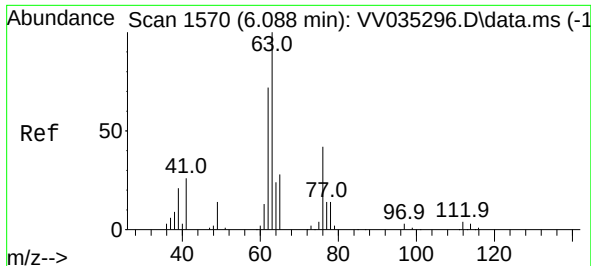
Ion Ratio Lower Upper

83 100

55 75.4 60.0 90.0

98 48.2 37.6 56.4

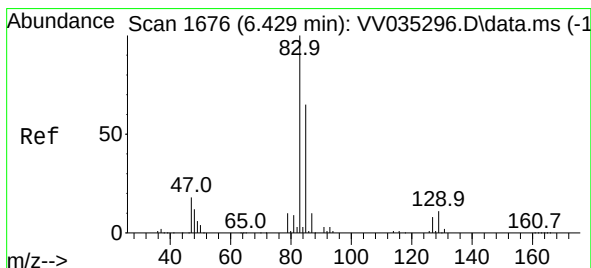
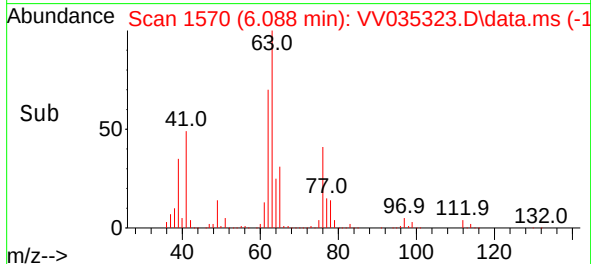
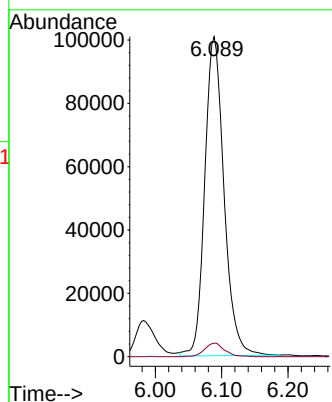
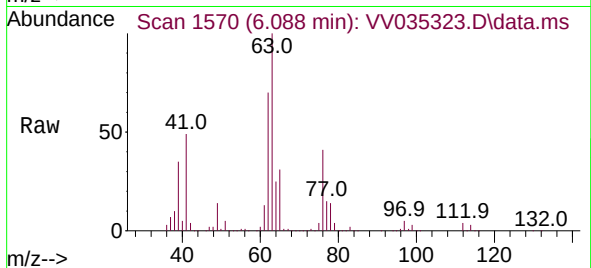




#37
1,2-Dichloropropane
Concen: 53.657 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

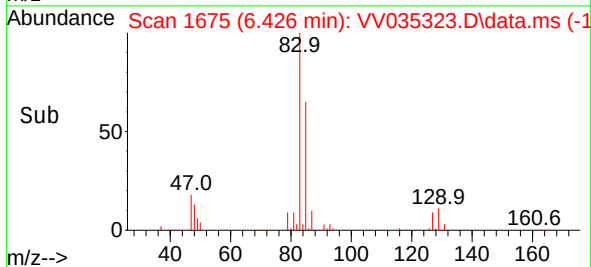
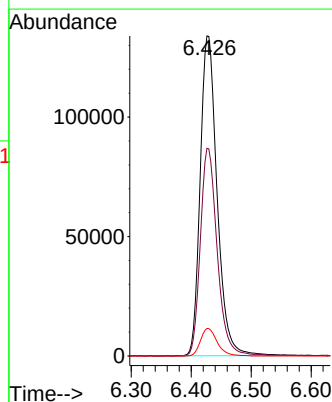
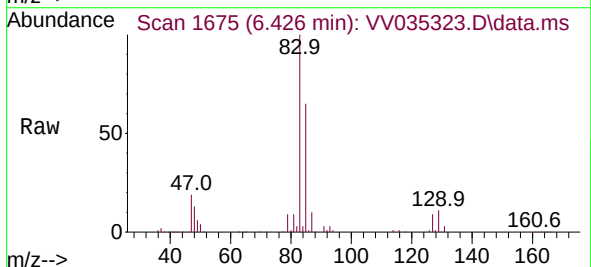
Instrument :
MSVOA_V
ClientSampleId :

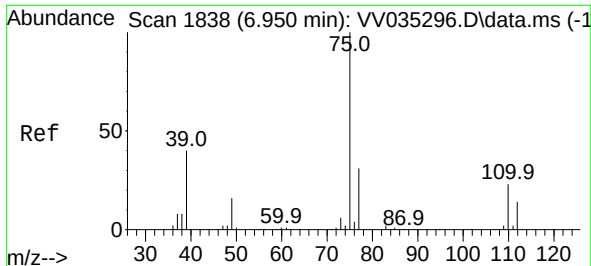
Tgt Ion: 63 Resp: 202883
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 54.021 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 83 Resp: 263540
Ion Ratio Lower Upper
83 100
85 64.9 43.7 81.1
127 8.6 6.4 9.6

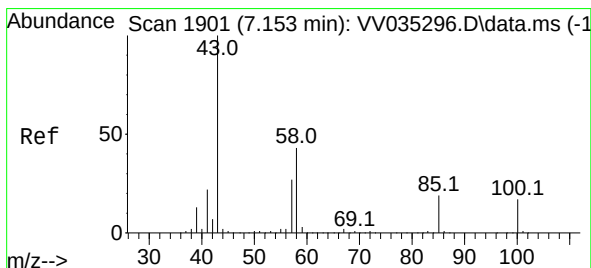
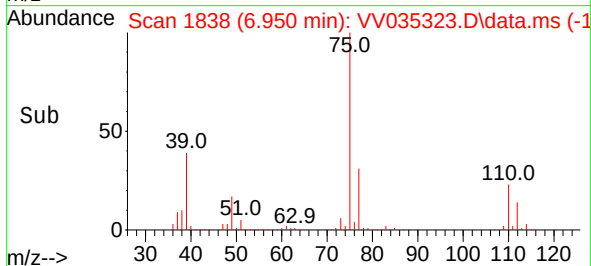
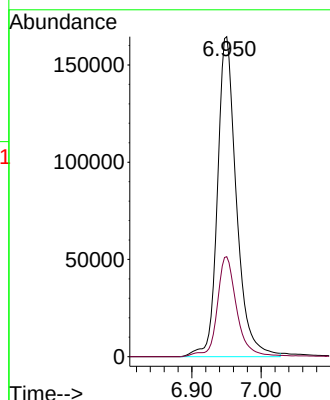
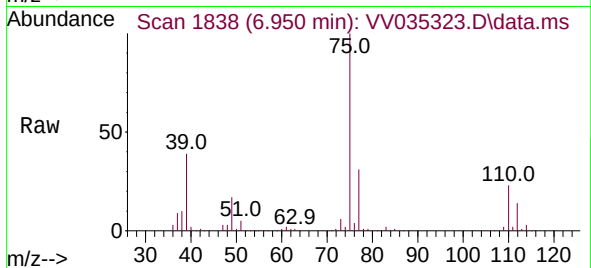




#39
 cis-1,3-Dichloropropene
 Concen: 52.626 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035323.D
 Acq: 22 Apr 2024 10:58

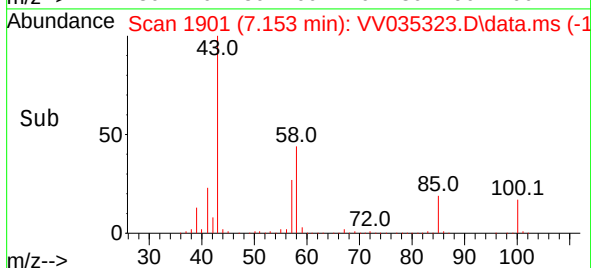
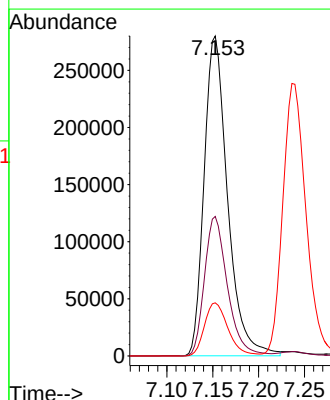
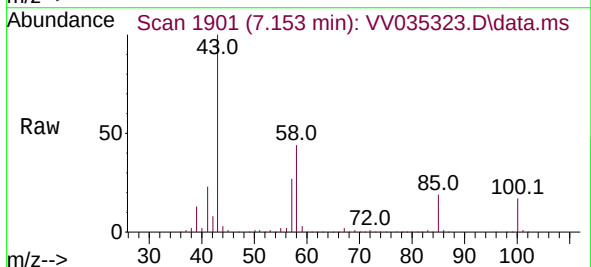
Instrument :
 MSVOA_V
 ClientSampleId :

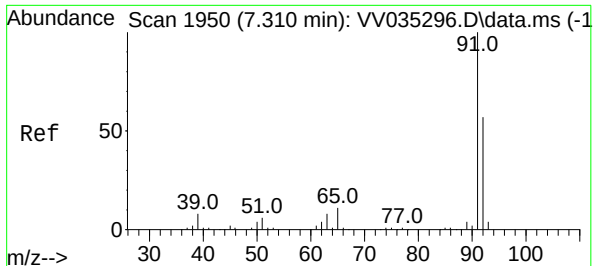
Tgt Ion: 75 Resp: 313461
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 103.320 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV035323.D
 Acq: 22 Apr 2024 10:58

Tgt Ion: 43 Resp: 498784
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.8 50.8
 100 16.7 13.0 19.4





#42

Toluene

Concen: 52.545 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

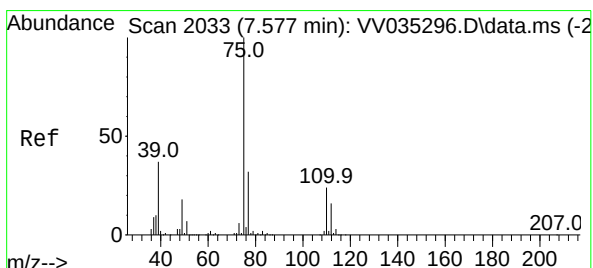
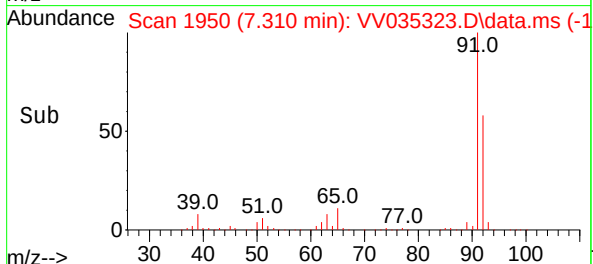
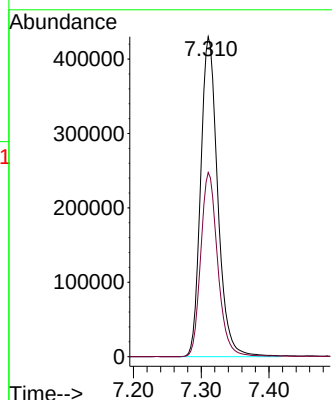
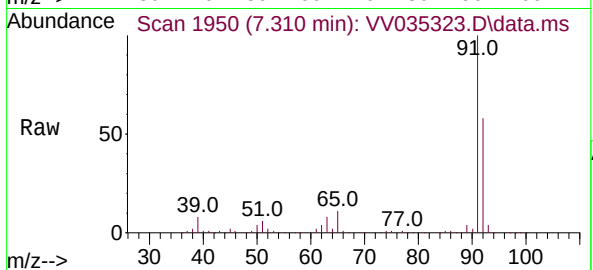
ClientSampleId :

Tgt Ion: 91 Resp: 752663

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.228 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035323.D

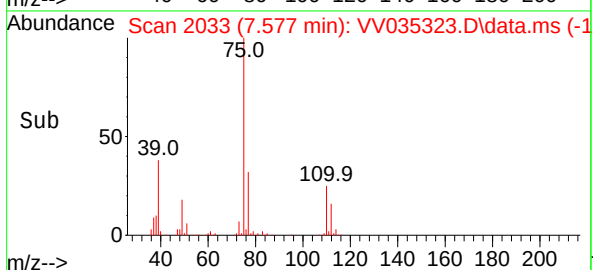
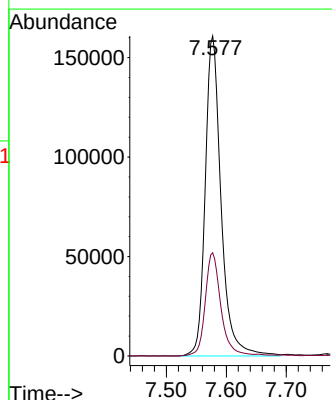
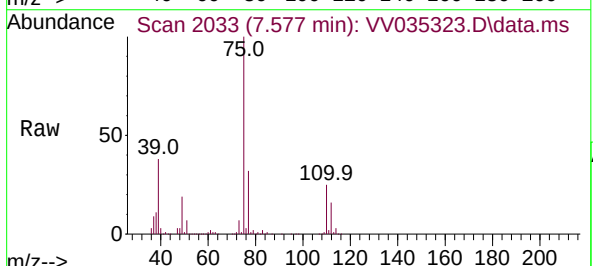
Acq: 22 Apr 2024 10:58

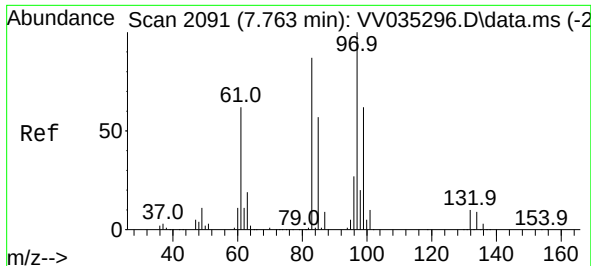
Tgt Ion: 75 Resp: 296748

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3



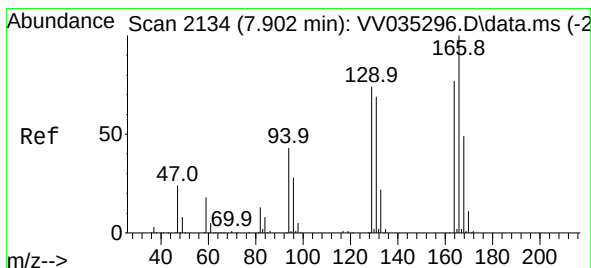
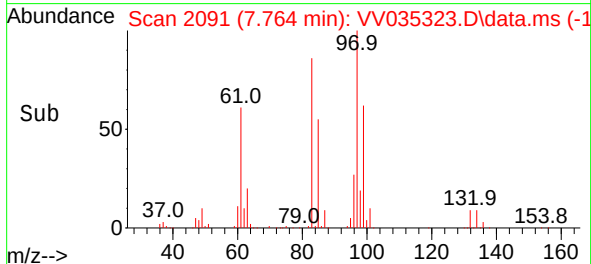
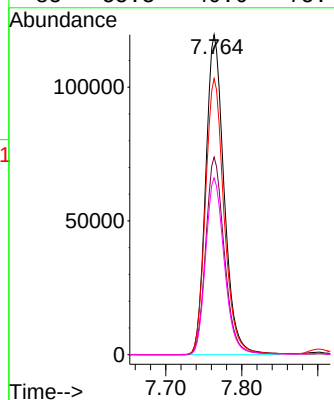
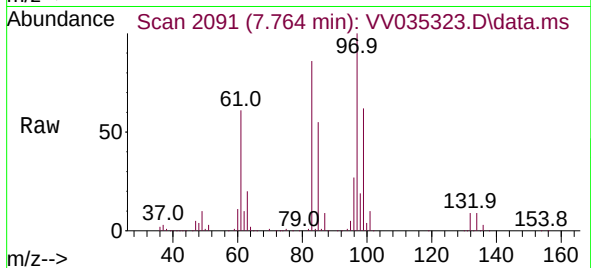


#45
1,1,2-Trichloroethane
Concen: 56.558 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 201563

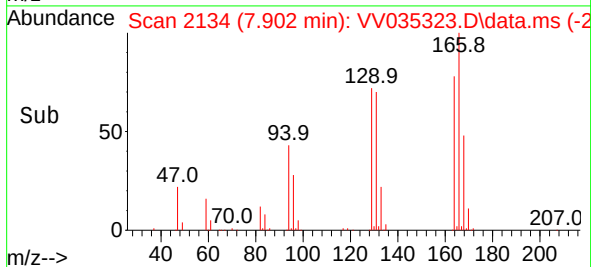
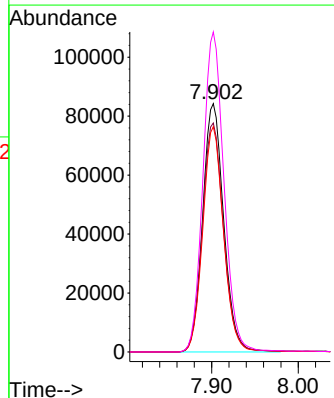
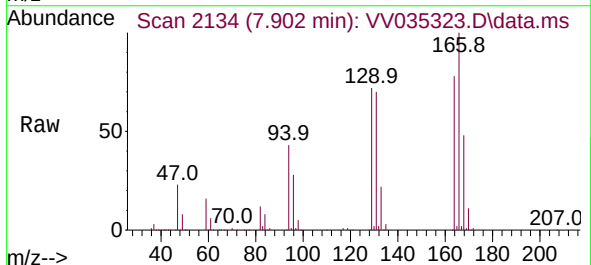
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	86.3	61.6	114.4
85	55.3	40.6	75.4

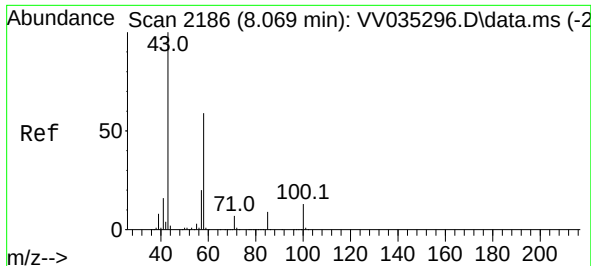


#46
Tetrachloroethene
Concen: 55.160 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 164 Resp: 142295

Ion	Ratio	Lower	Upper
164	100		
129	92.2	68.6	127.4
131	90.8	65.7	122.1
166	128.9	89.0	165.2

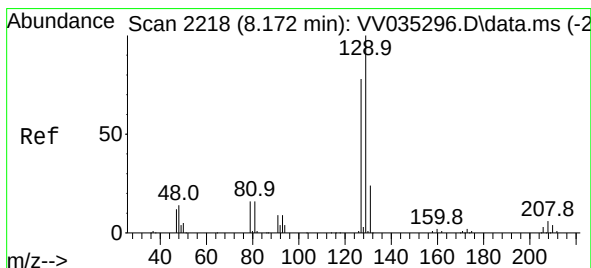
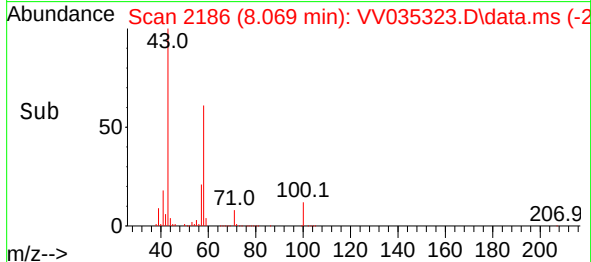
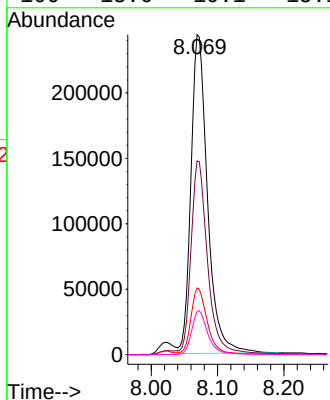
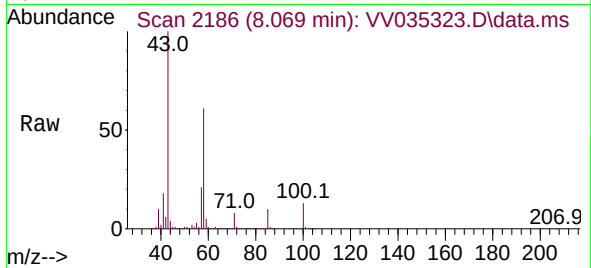




#48
2-Hexanone
Concen: 103.536 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

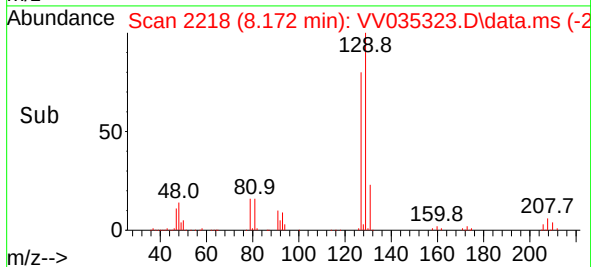
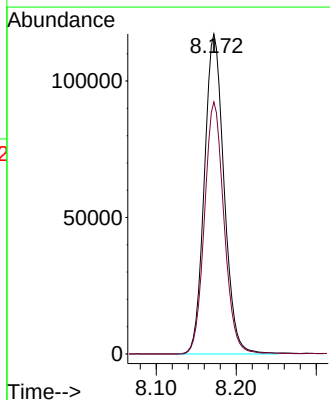
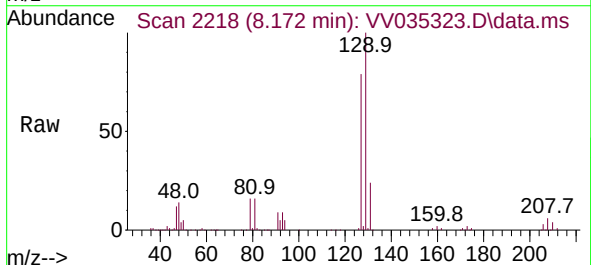
Instrument :
MSVOA_V
ClientSampleId :

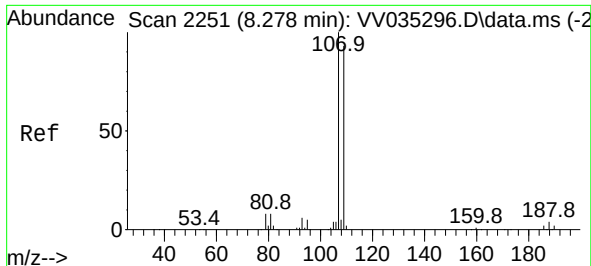
Tgt Ion: 43 Resp: 425105
Ion Ratio Lower Upper
43 100
58 59.5 45.4 68.2
57 20.6 16.2 24.4
100 13.6 10.1 15.1



#49
Dibromochloromethane
Concen: 56.889 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

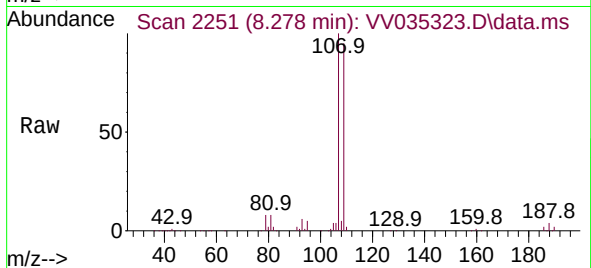
Tgt Ion:129 Resp: 200802
Ion Ratio Lower Upper
129 100
127 78.8 54.1 100.5



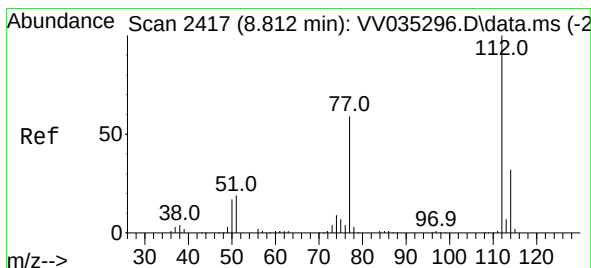
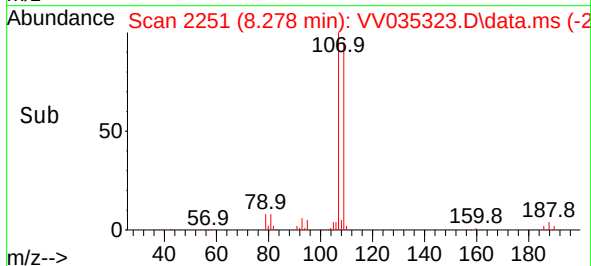
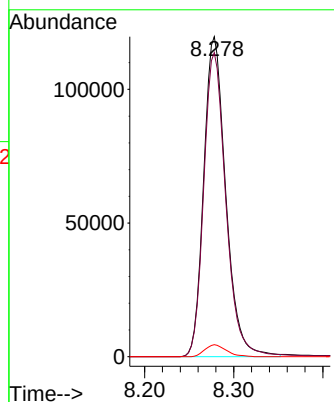


#50
1,2-Dibromoethane
Concen: 53.650 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_V
ClientSampleId :

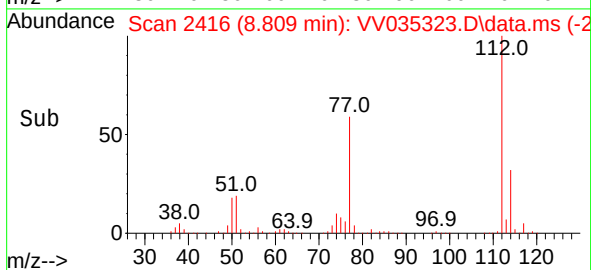
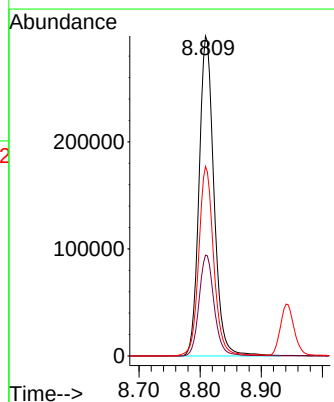
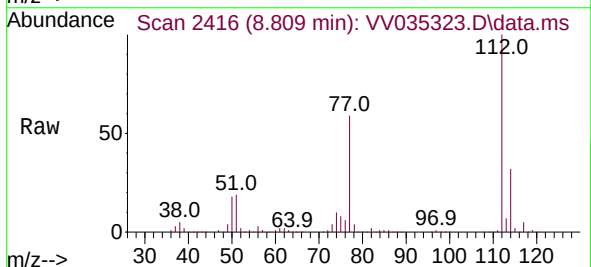


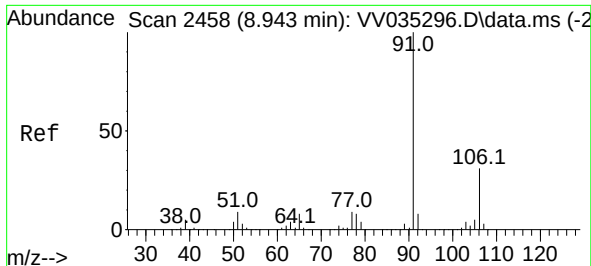
Tgt Ion:107 Resp: 205847
Ion Ratio Lower Upper
107 100
109 95.0 64.5 119.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 54.552 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion:112 Resp: 506448
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 59.3 47.4 71.2

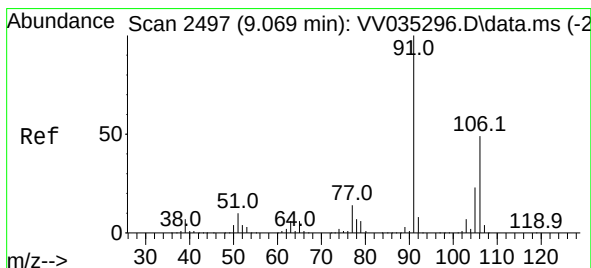
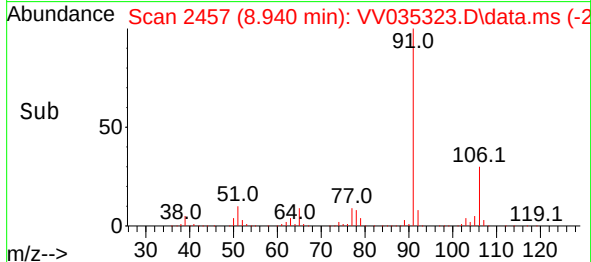
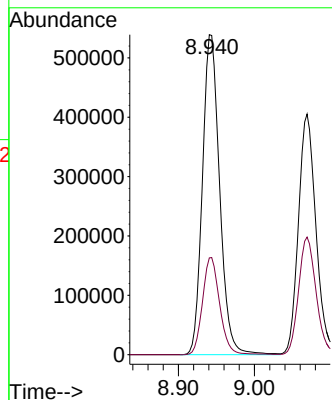
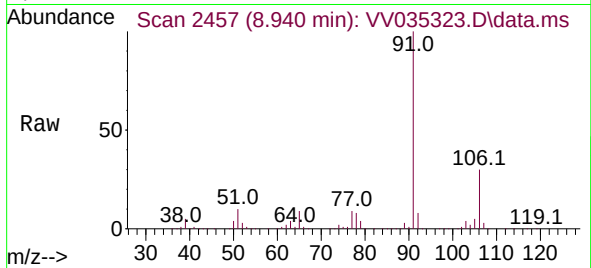




#52
Ethylbenzene
Concen: 53.458 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

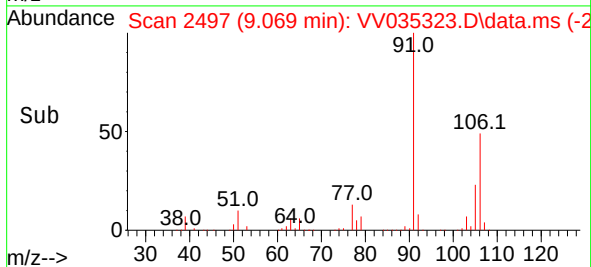
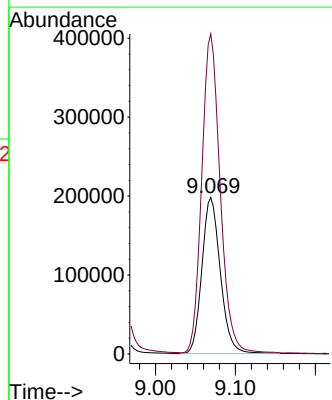
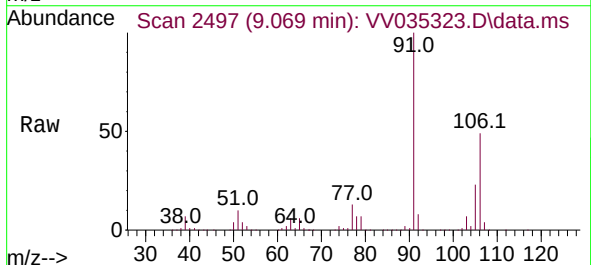
Instrument :
MSVOA_V
ClientSampleId :

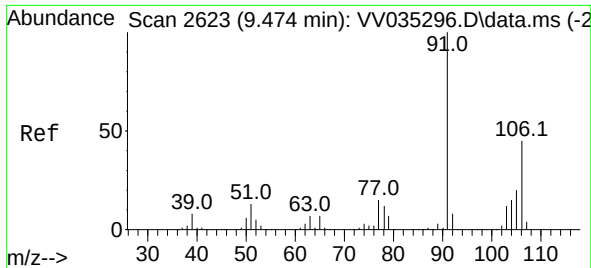
Tgt Ion: 91 Resp: 848660
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 54.331 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 106 Resp: 317637
Ion Ratio Lower Upper
106 100
91 204.5 144.8 269.0

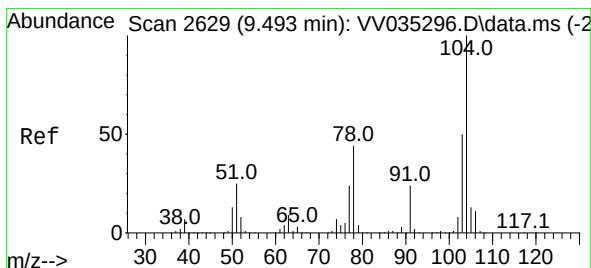
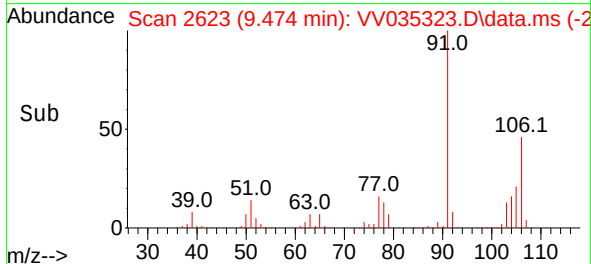
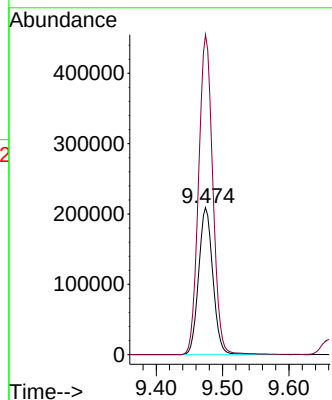
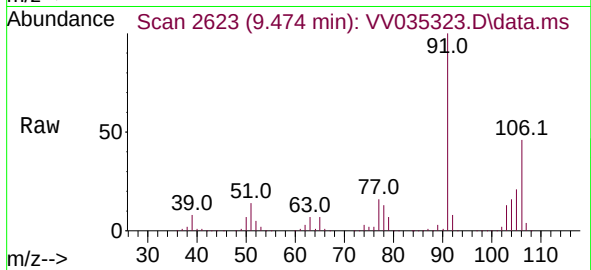




#54
o-Xylene
Concen: 53.852 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

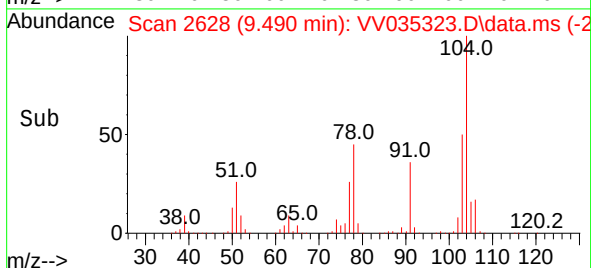
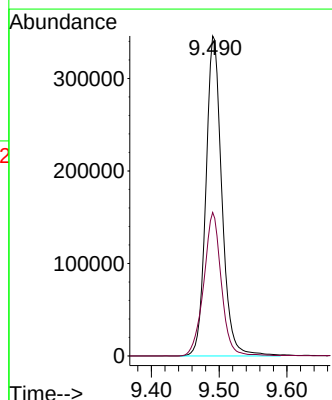
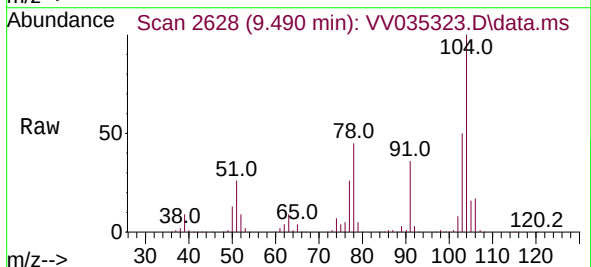
Instrument :
MSVOA_V
ClientSampleId :

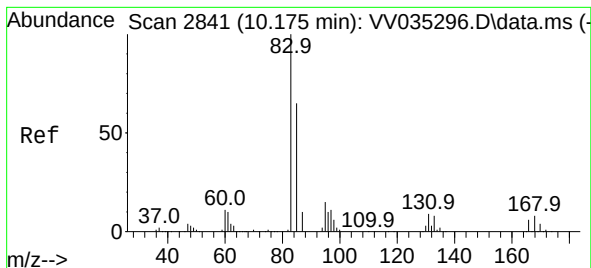
Tgt Ion:106 Resp: 311511
Ion Ratio Lower Upper
106 100
91 217.6 151.3 280.9



#55
Styrene
Concen: 57.867 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

Tgt Ion:104 Resp: 565667
Ion Ratio Lower Upper
104 100
78 44.8 31.5 58.5

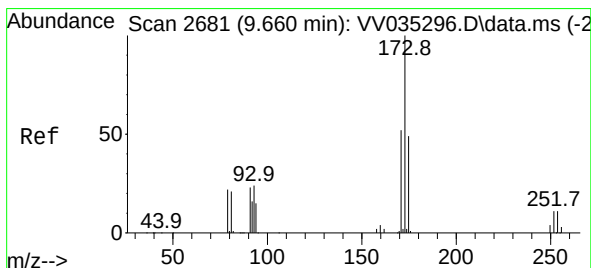
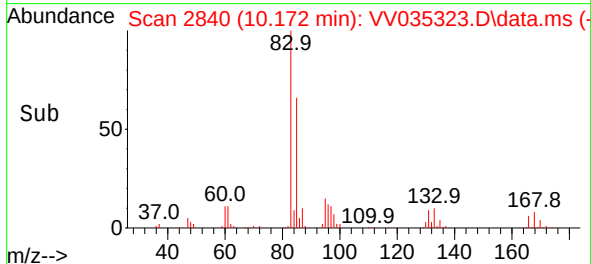
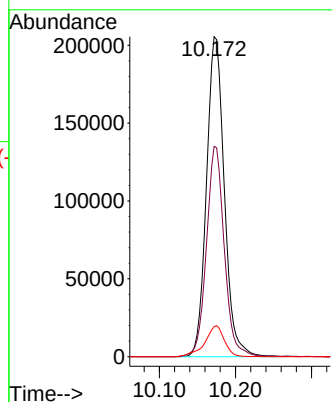
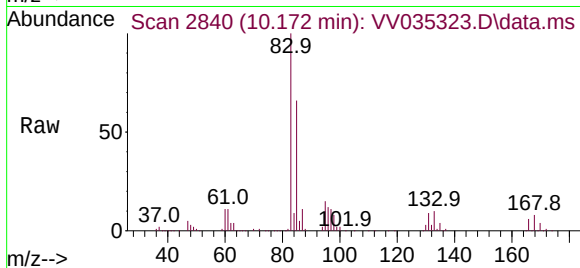




#57
1,1,2,2-Tetrachloroethane
Concen: 58.041 ug/L
RT: 10.172 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

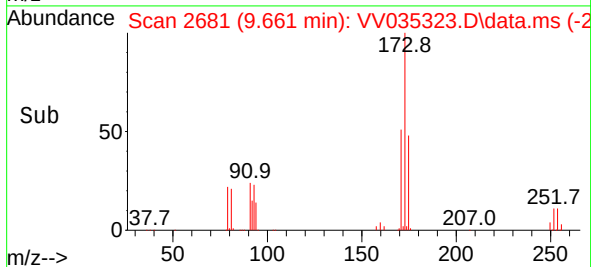
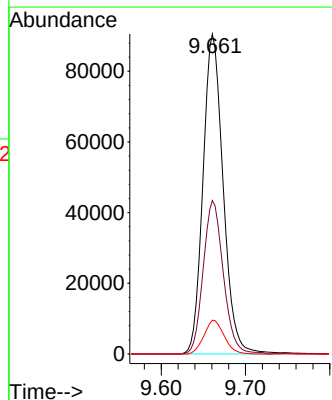
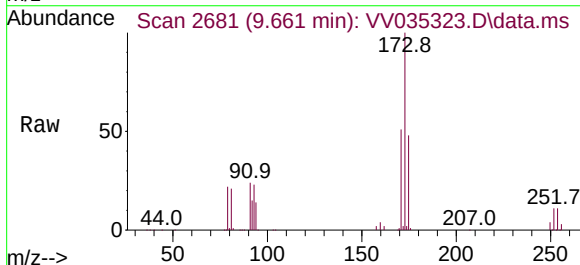
Instrument :
MSVOA_V
ClientSampleId :

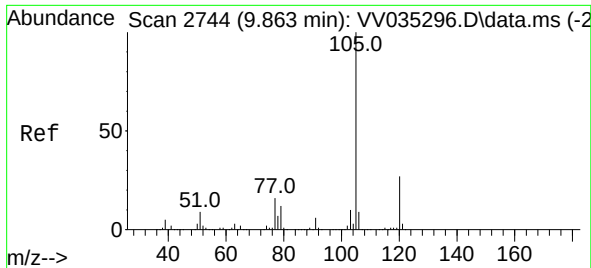
Tgt Ion: 83 Resp: 335140
Ion Ratio Lower Upper
83 100
85 65.7 44.5 82.7
131 9.4 6.9 10.3



#59
Bromoform
Concen: 56.567 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

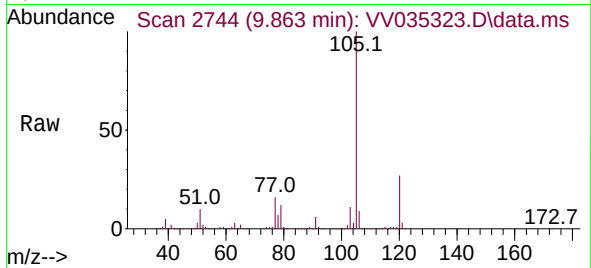
Tgt Ion:173 Resp: 150969
Ion Ratio Lower Upper
173 100
175 47.8 39.3 58.9
254 10.5 7.5 11.3



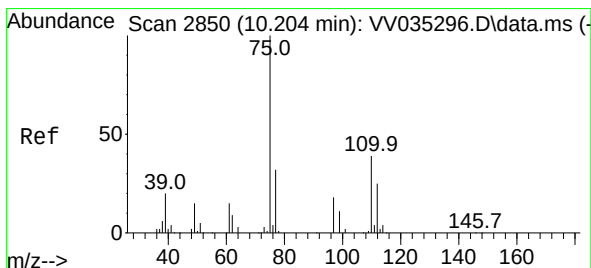
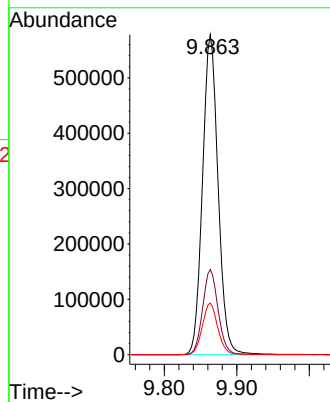
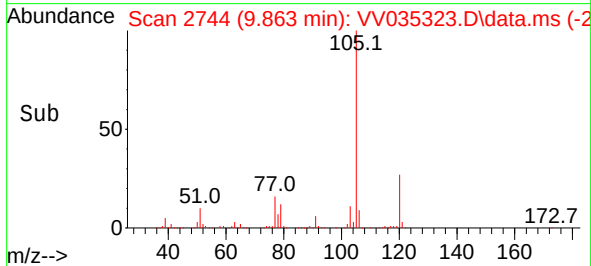


#60
Isopropylbenzene
Concen: 51.374 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

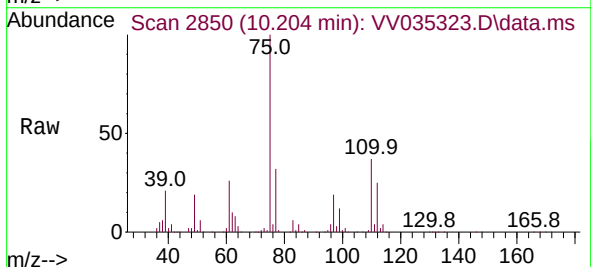
Instrument :
MSVOA_V
ClientSampleId :



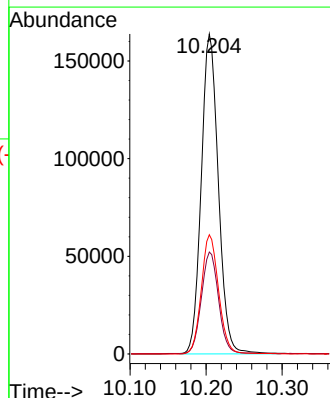
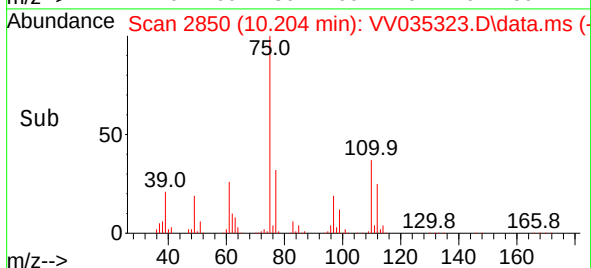
Tgt Ion:105 Resp: 862541
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.0 13.1 19.7

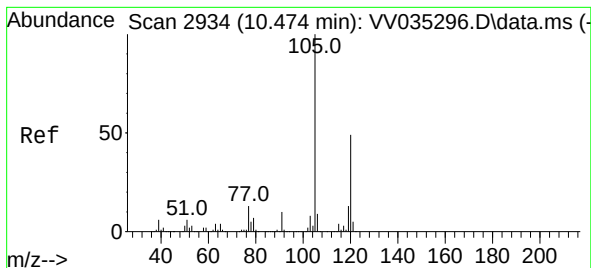


#61
1,2,3-Trichloropropane
Concen: 50.676 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 75 Resp: 255742
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.6 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.491 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

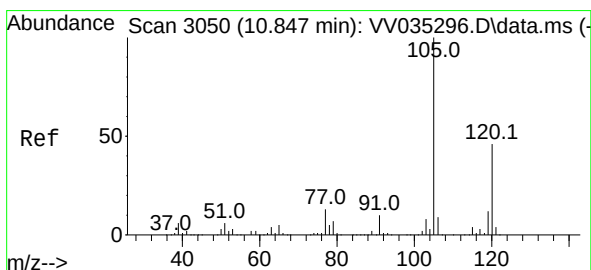
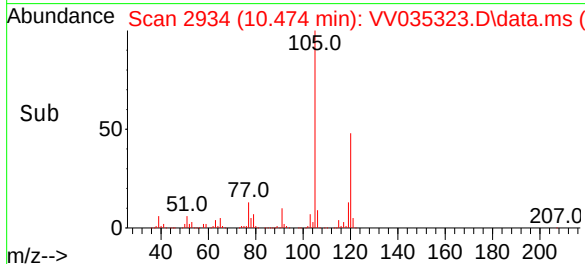
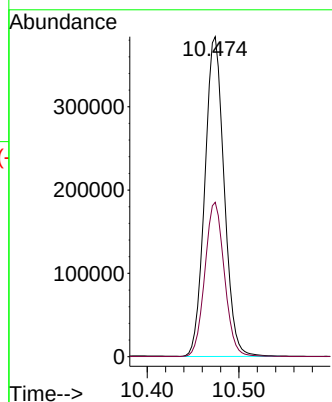
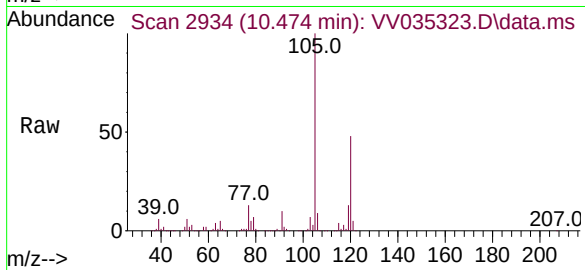
ClientSampleId :

Tgt Ion:105 Resp: 561450

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 52.440 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035323.D

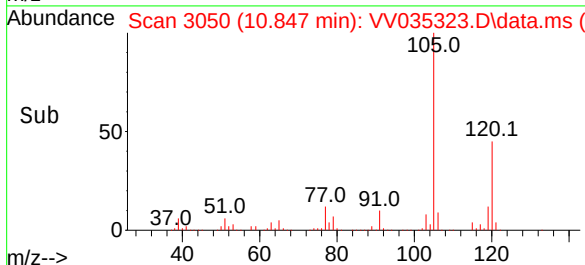
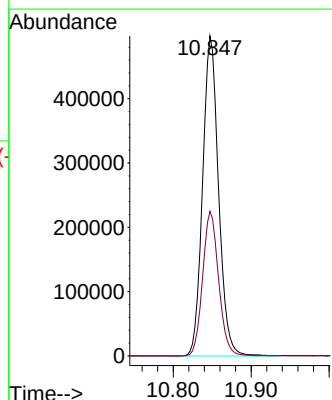
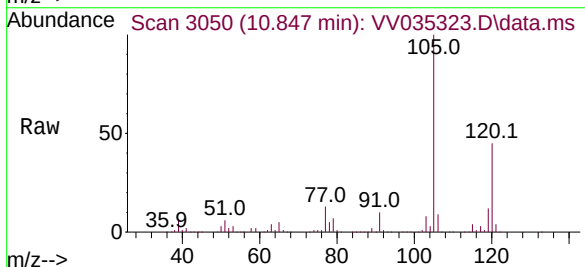
Acq: 22 Apr 2024 10:58

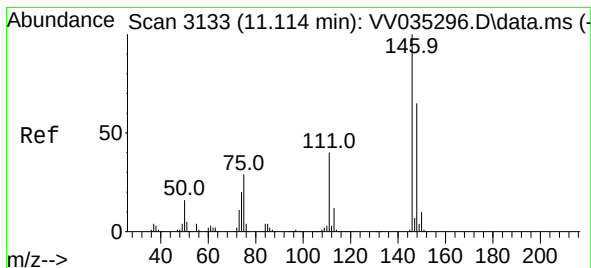
Tgt Ion:105 Resp: 706967

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.833 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :

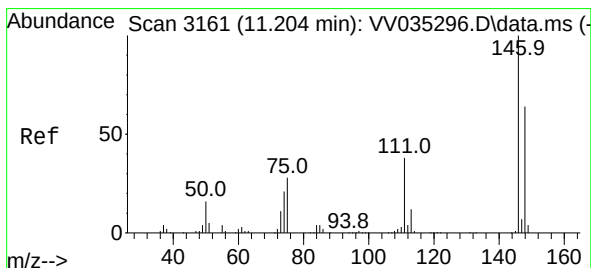
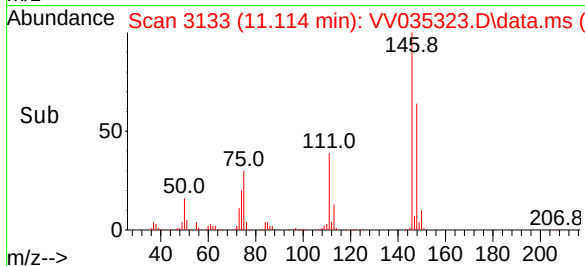
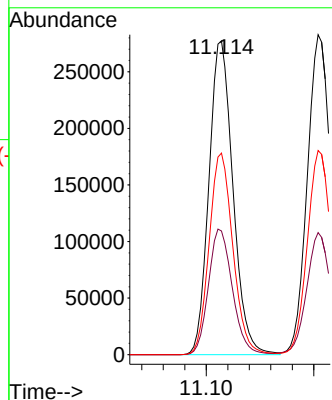
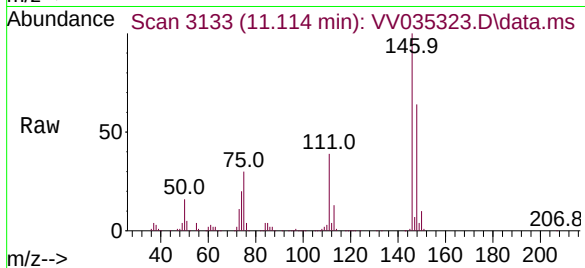
Tgt Ion:146 Resp: 430225

Ion Ratio Lower Upper

146 100

111 39.4 28.7 53.3

148 64.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 55.957 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

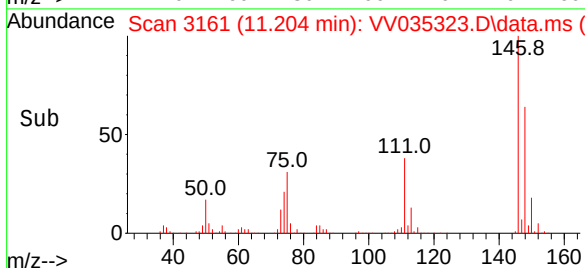
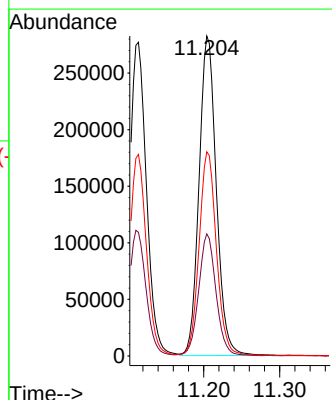
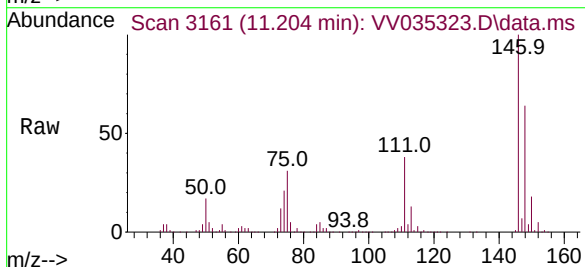
Tgt Ion:146 Resp: 446475

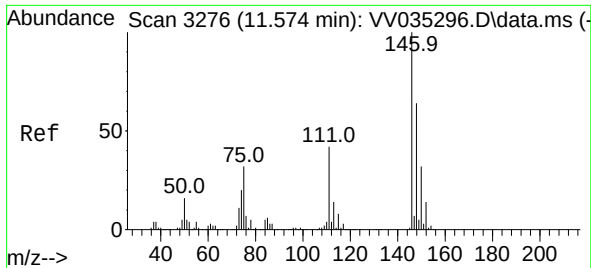
Ion Ratio Lower Upper

146 100

111 38.2 27.4 50.8

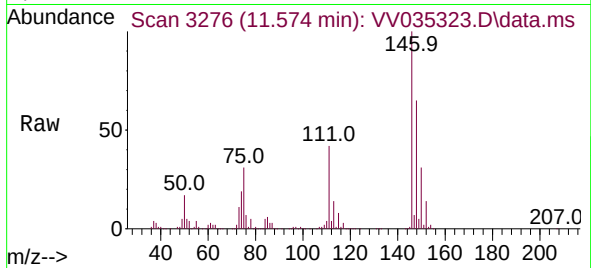
148 63.8 44.2 82.2



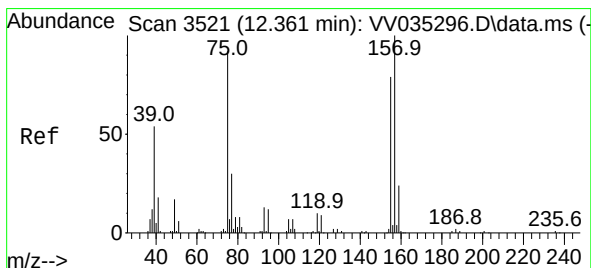
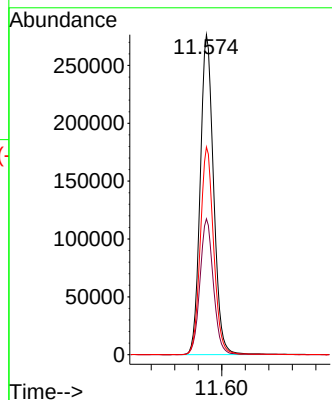
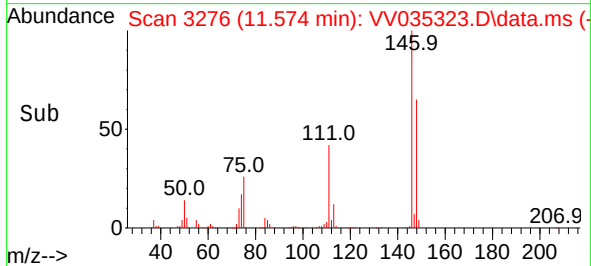


#67
1,2-Dichlorobenzene
Concen: 55.631 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58

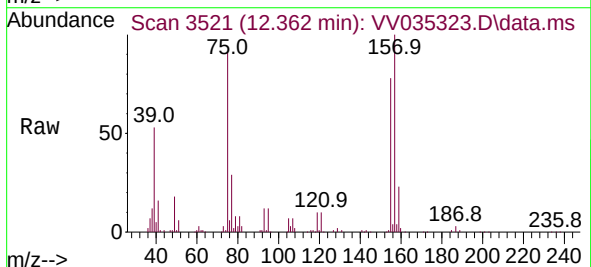
Instrument :
MSVOA_V
ClientSampleId :



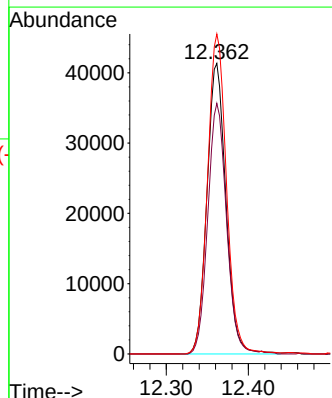
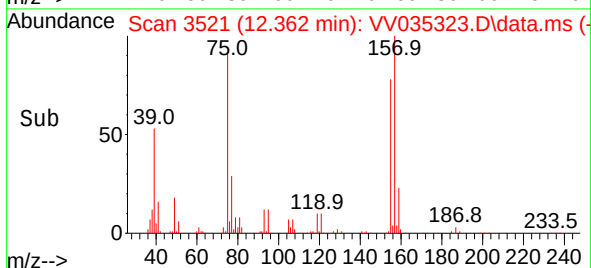
Tgt Ion:146 Resp: 434816
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 64.9 51.5 77.3

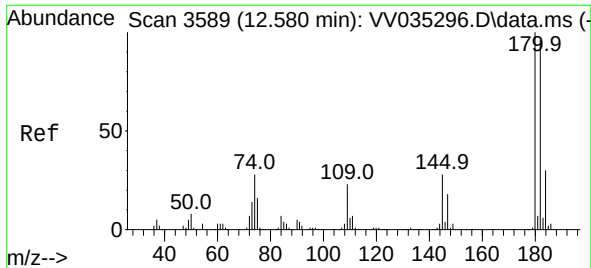


#68
1,2-Dibromo-3-chloropropane
Concen: 47.766 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035323.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 75 Resp: 66411
Ion Ratio Lower Upper
75 100
155 86.3 63.0 94.6
157 110.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 58.379 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

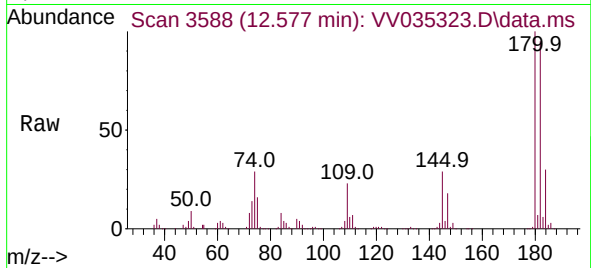
Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 330114

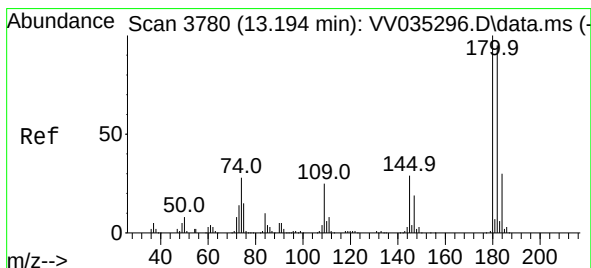
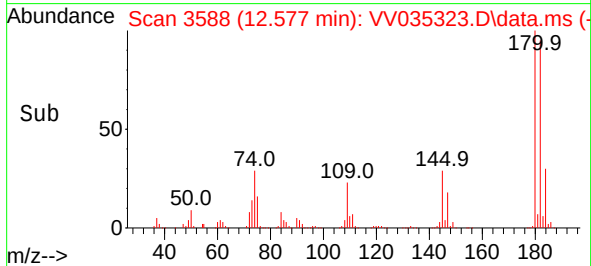
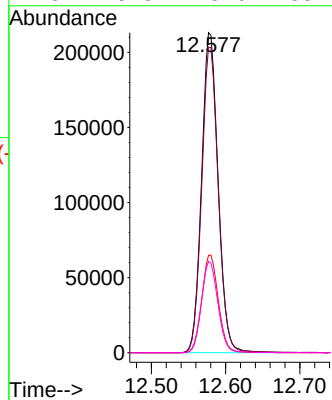
Ion Ratio Lower Upper

180 100

182 95.5 74.7 112.1

184 30.3 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 57.917 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

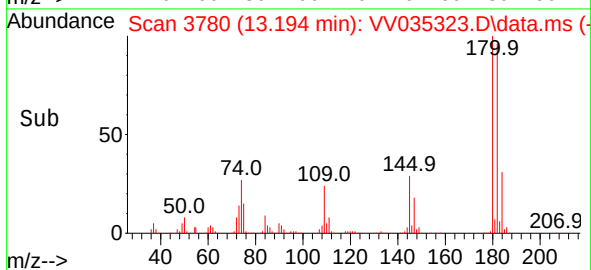
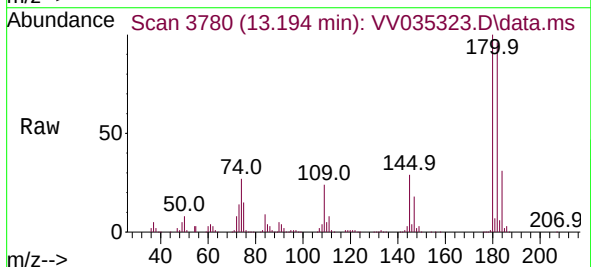
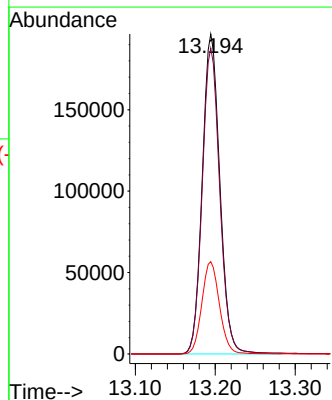
Tgt Ion:180 Resp: 300834

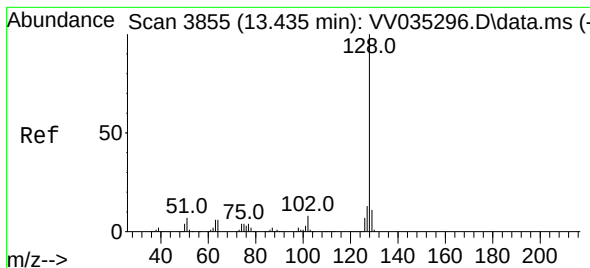
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

145 28.9 24.1 36.1





#71

Naphthalene

Concen: 52.840 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_V

ClientSampleId :

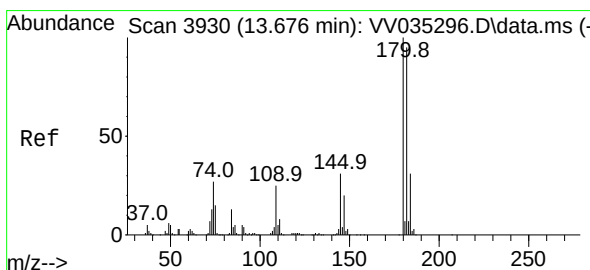
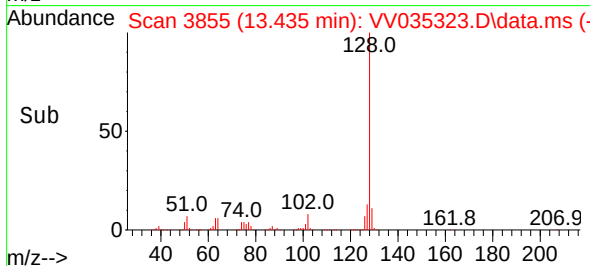
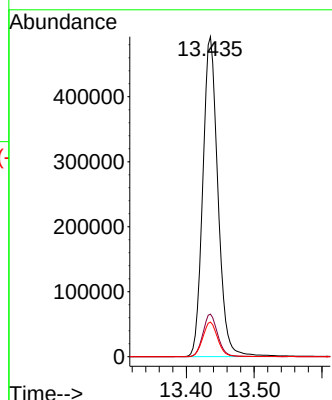
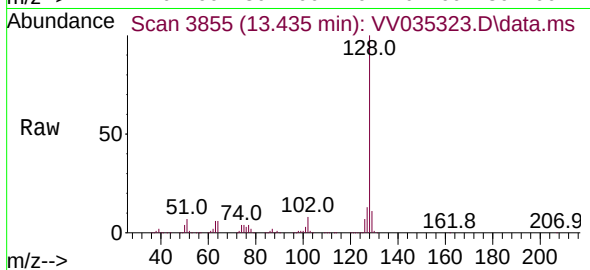
Tgt Ion:128 Resp: 761475

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.348 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035323.D

Acq: 22 Apr 2024 10:58

Tgt Ion:180 Resp: 298744

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

145 30.8 25.8 38.6

