

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035347.D
 Acq On : 23 Apr 2024 09:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:21:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	413485	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	418091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	230229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197621	49.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.980%
7) Chloroethane-d5	1.532	69	163408	47.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.220%
11) 1,1-Dichloroethene-d2	2.060	65	81592	46.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.220%
21) 2-Butanone-d5	3.786	46	198991	84.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	4.246	84	343890	51.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	4.937	65	208030	48.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	4.957	84	682861	48.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	5.985	67	211976	47.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.060%
41) Toluene-d8	7.239	98	639065	50.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	7.548	79	92744	42.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.024	63	122334	72.554	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.550%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	301588	49.109	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.220%
66) 1,2-Dichlorobenzene-d4	11.558	152	243992	47.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	114706	38.276	ug/L	99
3) Chloromethane	1.217	50	137859	35.783	ug/L	100
5) Vinyl chloride	1.285	62	155527	38.507	ug/L	99
6) Bromomethane	1.487	94	137008	45.254	ug/L	98
8) Chloroethane	1.548	64	114592	41.542	ug/L	98
9) Trichlorofluoromethane	1.712	101	231830	43.733	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	151293	46.629	ug/L	97
12) 1,1-Dichloroethene	2.069	96	130891	42.179	ug/L	98
13) Acetone	2.117	43	160986	74.041	ug/L	99
14) Carbon disulfide	2.240	76	302712	34.639	ug/L	100
15) Methyl Acetate	2.371	43	191839	55.989	ug/L	98
16) Methylene chloride	2.445	84	184139	54.763	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	147566	49.185	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	558374	52.986	ug/L	99
19) 1,1-Dichloroethane	3.108	63	334276	54.331	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	184456	54.142	ug/L	95
22) 2-Butanone	3.867	43	225130	89.230	ug/L	99
23) Bromochloromethane	4.146	128	97683	57.307	ug/L	93
25) Chloroform	4.272	83	347926	57.197	ug/L	100

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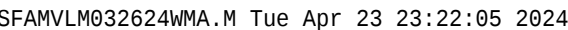
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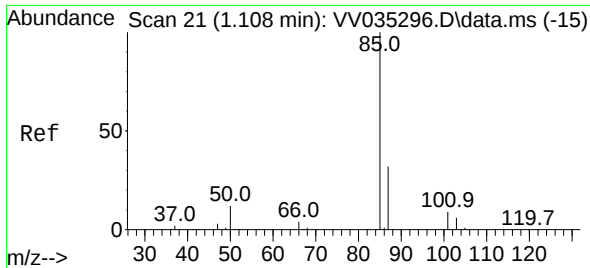
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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	258966	53.471	ug/L	98
29) Cyclohexane	4.580	56	207392	39.605	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	286788	52.623	ug/L	98
31) Carbon tetrachloride	4.731	117	241609	52.306	ug/L	100
33) Benzene	5.005	78	682675	50.074	ug/L	100
34) Trichloroethene	5.831	95	177240	48.172	ug/L	98
35) Methylcyclohexane	6.047	83	237338	42.712	ug/L	98
37) 1,2-Dichloropropane	6.088	63	201369	53.447	ug/L	99
38) Bromodichloromethane	6.429	83	268900	55.316	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	284137	47.873	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	482618	100.329	ug/L	98
42) Toluene	7.310	91	742493	52.020	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	274079	50.264	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	204046	57.459	ug/L	99
46) Tetrachloroethene	7.902	164	136018	52.915	ug/L	96
48) 2-Hexanone	8.072	43	377808	92.345	ug/L	96
49) Dibromochloromethane	8.172	129	205281	58.366	ug/L	100
50) 1,2-Dibromoethane	8.278	107	209708	54.851	ug/L	99
51) Chlorobenzene	8.808	112	502484	54.318	ug/L	99
52) Ethylbenzene	8.944	91	818865	51.765	ug/L	100
53) m,p-Xylene	9.069	106	307401	52.768	ug/L	100
54) o-Xylene	9.474	106	307513	53.351	ug/L	99
55) Styrene	9.493	104	557931	57.279	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	337632	58.681	ug/L	99
59) Bromoform	9.661	173	153189	58.062	ug/L	99
60) Isopropylbenzene	9.863	105	833567	50.222	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	253885	50.890	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	532855	49.433	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	673627	50.545	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	423380	54.585	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	439500	55.720	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	437513	56.623	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	65379	47.567	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	308851	55.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	275385	53.630	ug/L	99
71) Naphthalene	13.435	128	603715	42.377	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	279103	55.142	ug/L	99

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

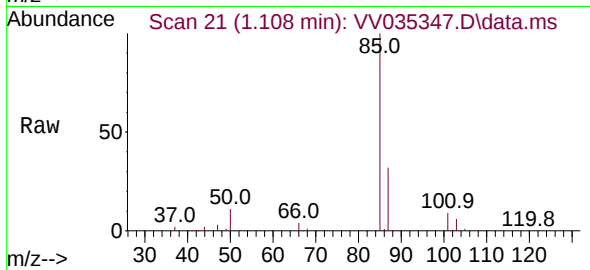
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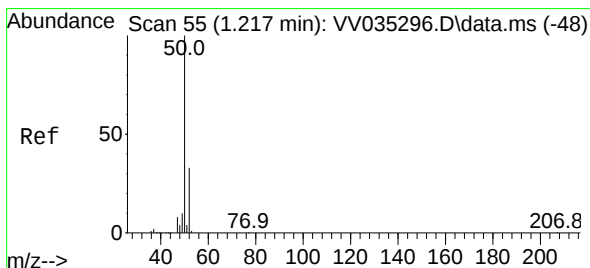
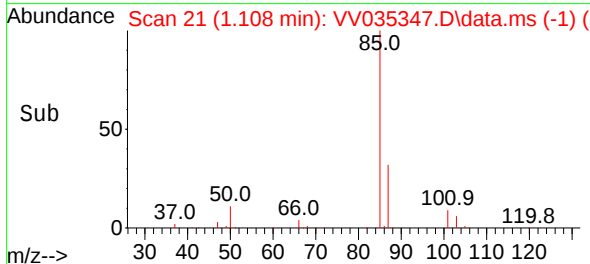
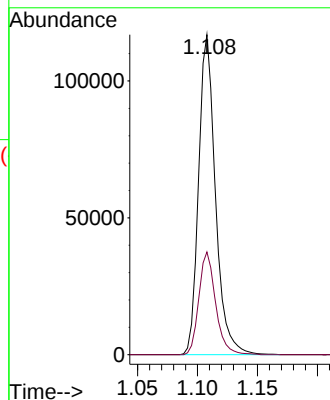


#2
 Dichlorodifluoromethane
 Concen: 38.276 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035347.D
 Acq: 23 Apr 2024 09:16

Instrument :
 MSVOA_V
 ClientSampleId :

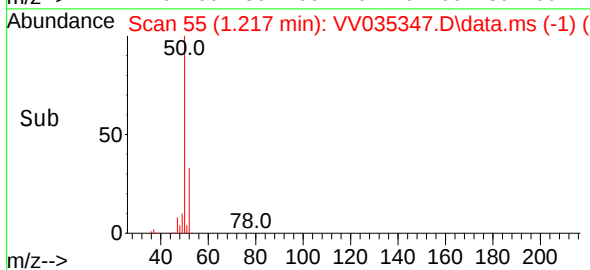
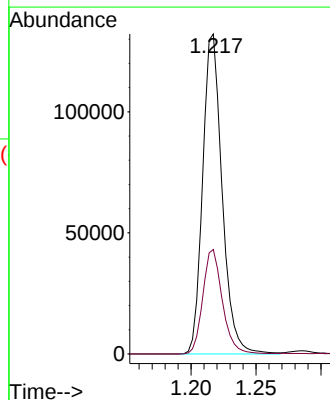
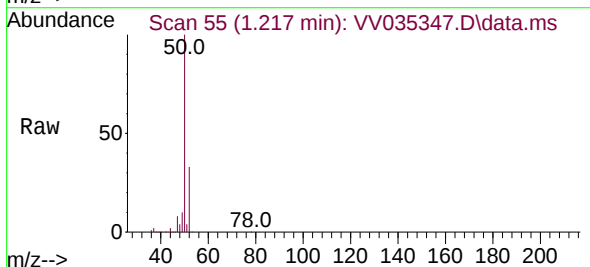


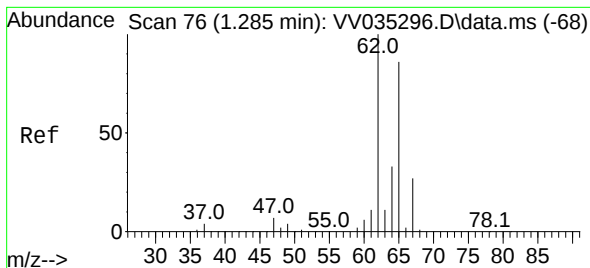
Tgt Ion: 85 Resp: 114706
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.7 38.5



#3
 Chloromethane
 Concen: 35.783 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV035347.D
 Acq: 23 Apr 2024 09:16

Tgt Ion: 50 Resp: 137859
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8





#5

Vinyl chloride

Concen: 38.507 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

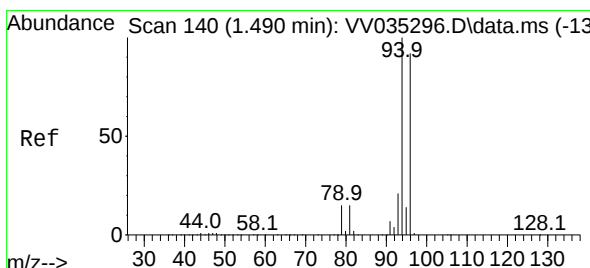
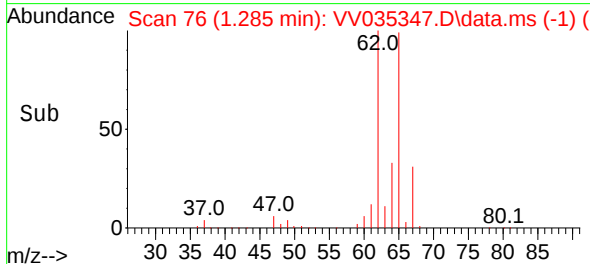
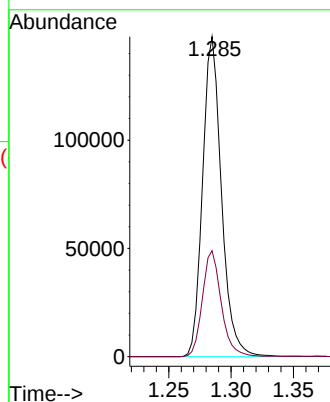
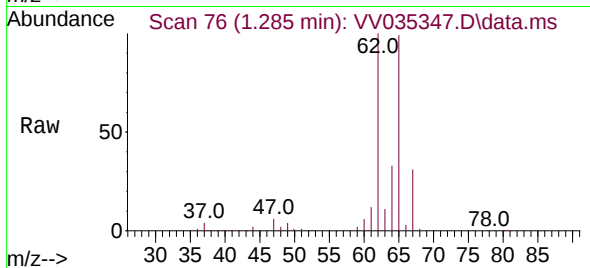
ClientSampleId :

Tgt Ion: 62 Resp: 155527

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 45.254 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV035347.D

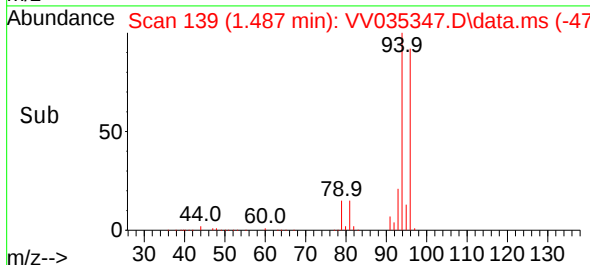
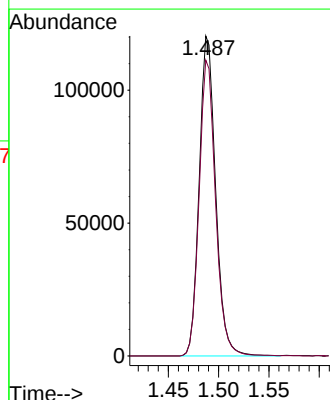
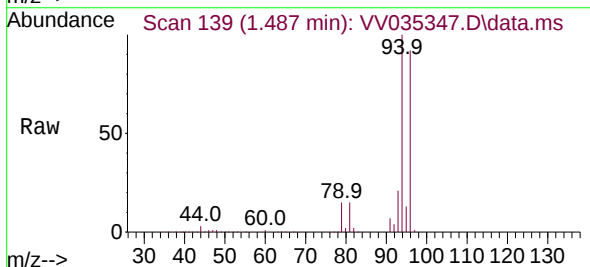
Acq: 23 Apr 2024 09:16

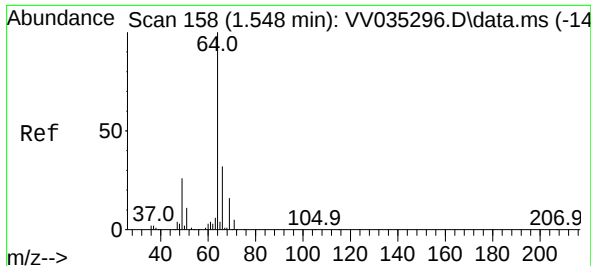
Tgt Ion: 94 Resp: 137008

Ion Ratio Lower Upper

94 100

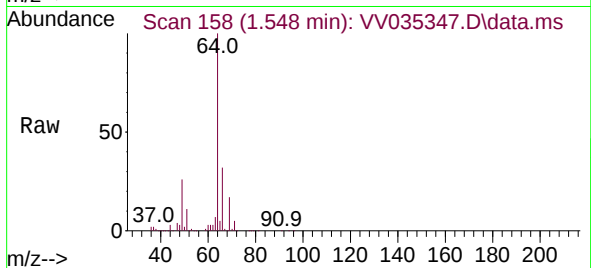
96 92.5 66.3 123.1



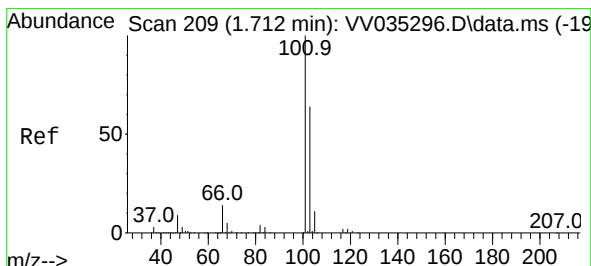
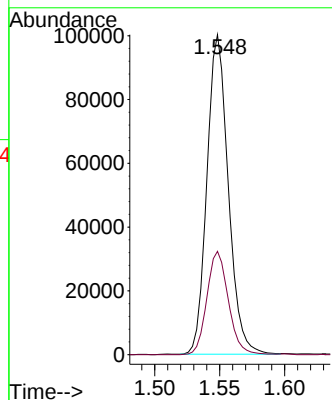
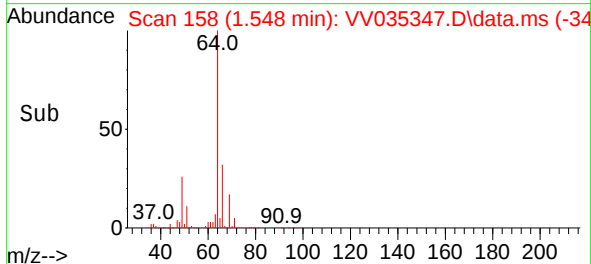


#8
Chloroethane
Concen: 41.542 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Instrument :
MSVOA_V
ClientSampleId :

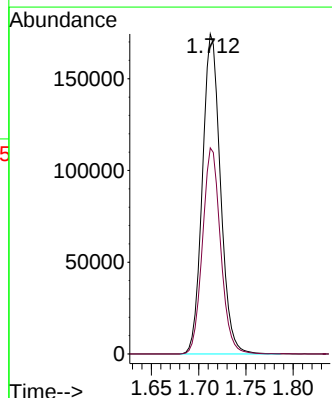
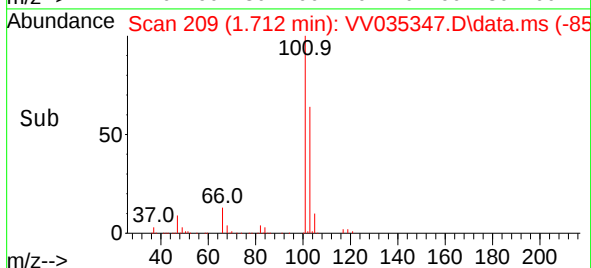
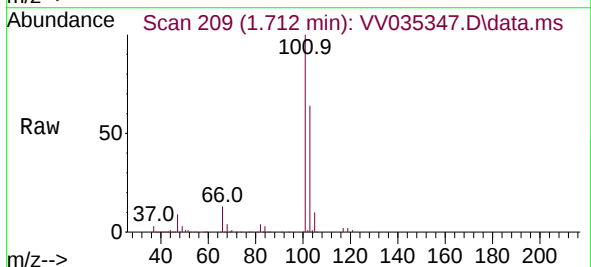


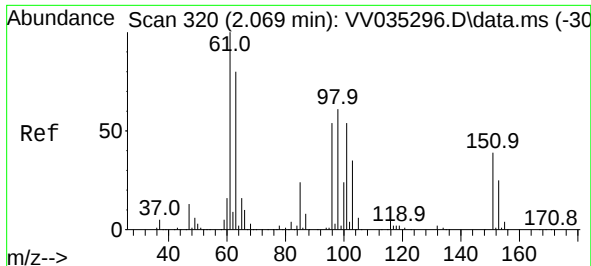
Tgt Ion: 64 Resp: 114592
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 43.733 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion:101 Resp: 231830
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4





#10

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

Concen: 46.629 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :

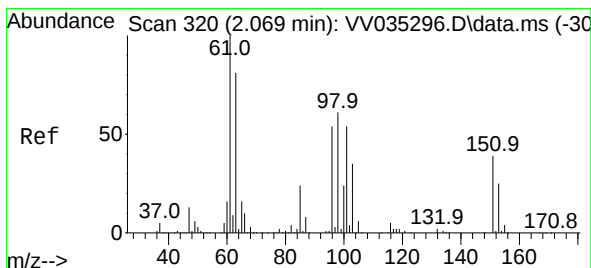
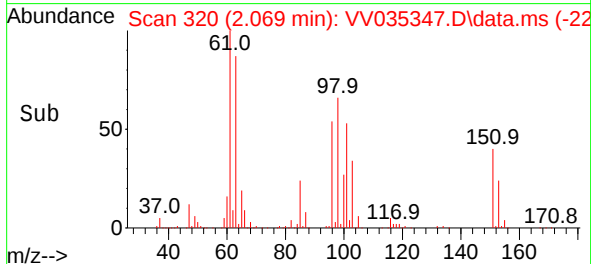
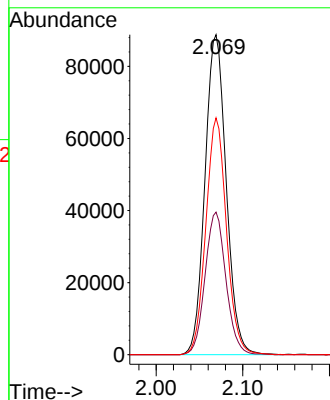
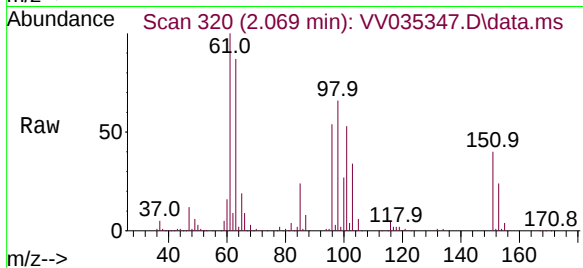
Tgt Ion:101 Resp: 151293

Ion Ratio Lower Upper

101 100

85 43.8 35.3 52.9

151 72.0 55.0 82.4



#12

1,1-Dichloroethene

Concen: 42.179 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

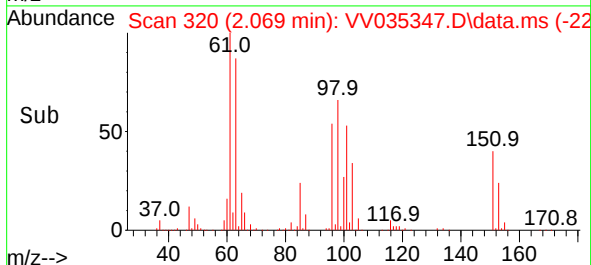
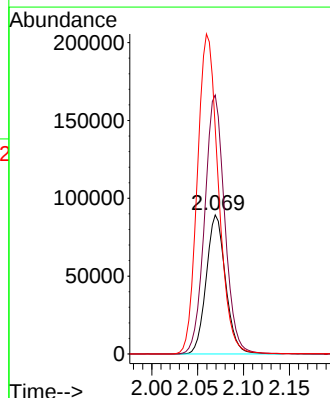
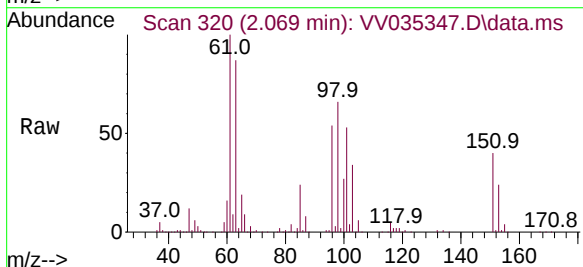
Tgt Ion: 96 Resp: 130891

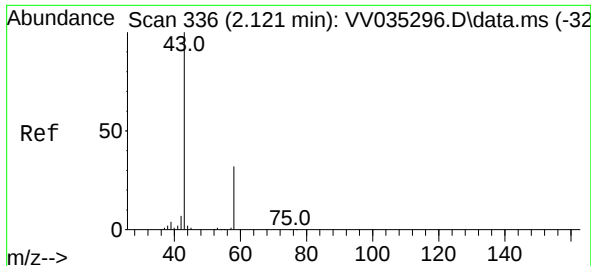
Ion Ratio Lower Upper

96 100

61 186.1 131.5 244.3

63 162.3 111.4 206.8





#13

Acetone

Concen: 74.041 ug/L

RT: 2.117 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

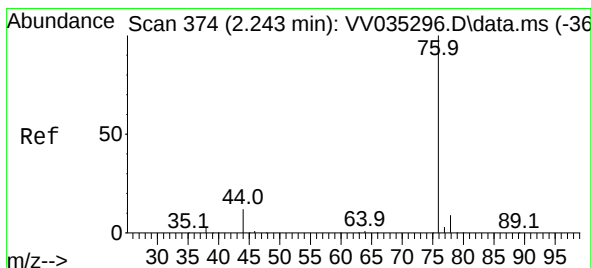
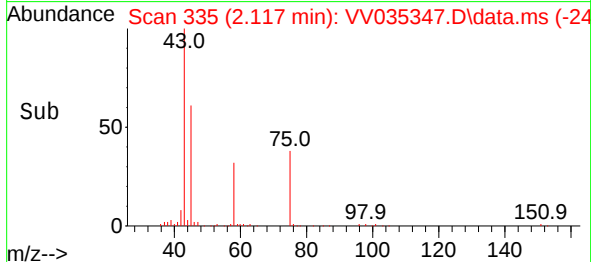
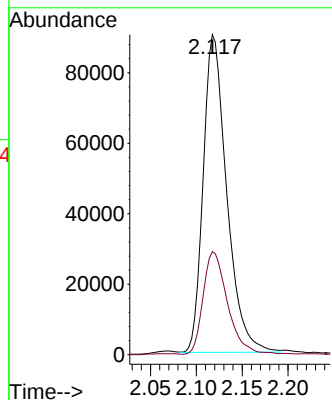
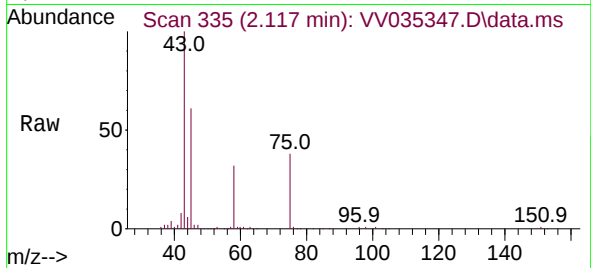
ClientSampleId :

Tgt Ion: 43 Resp: 160986

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.0



#14

Carbon disulfide

Concen: 34.639 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV035347.D

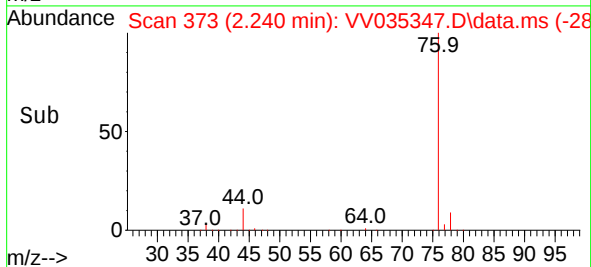
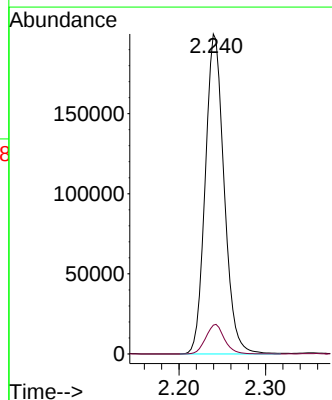
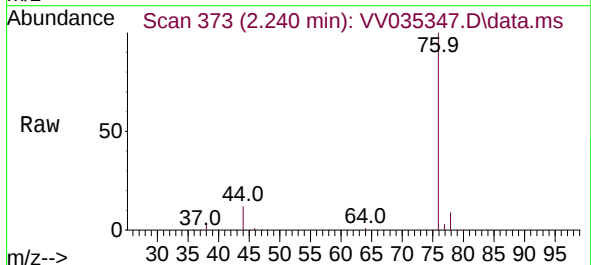
Acq: 23 Apr 2024 09:16

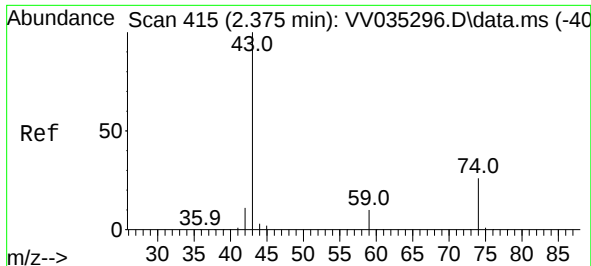
Tgt Ion: 76 Resp: 302712

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 55.989 ug/L

RT: 2.371 min Scan# 415

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

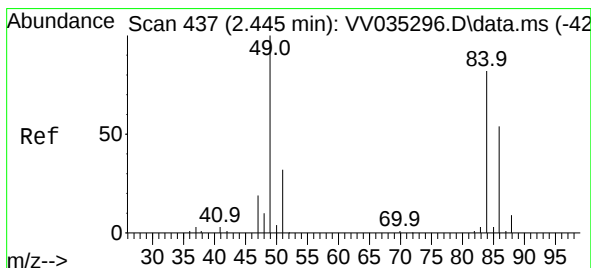
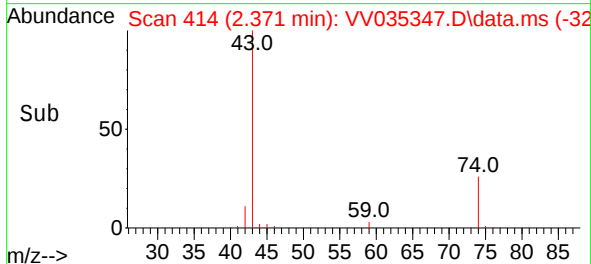
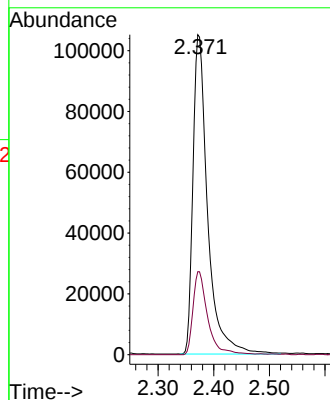
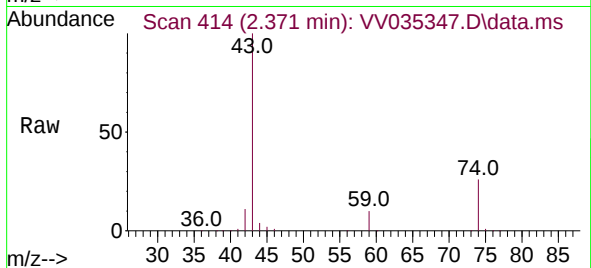
ClientSampleId :

Tgt Ion: 43 Resp: 191839

Ion Ratio Lower Upper

43 100

74 26.0 19.8 29.8



#16

Methylene chloride

Concen: 54.763 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

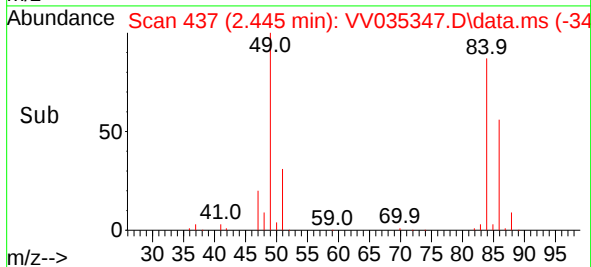
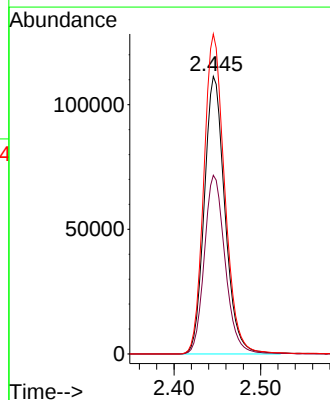
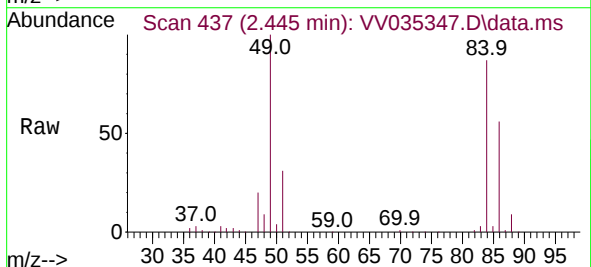
Tgt Ion: 84 Resp: 184139

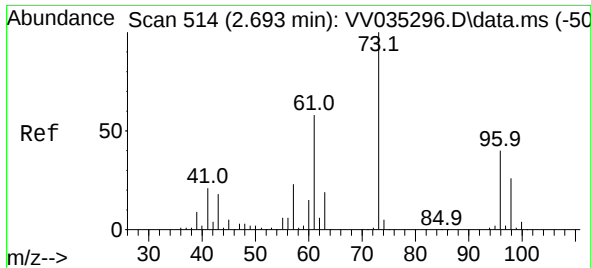
Ion Ratio Lower Upper

84 100

86 64.3 44.6 82.8

49 115.2 86.9 161.3

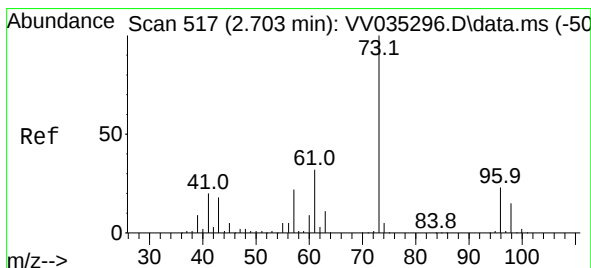
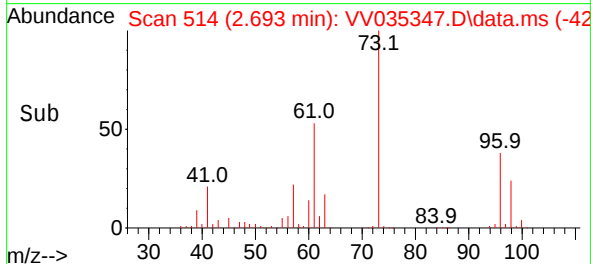
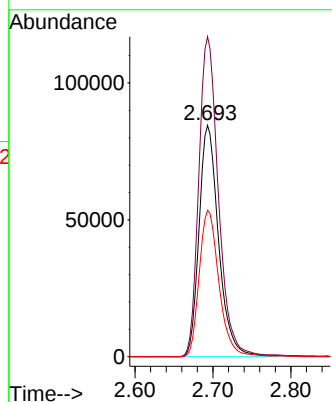
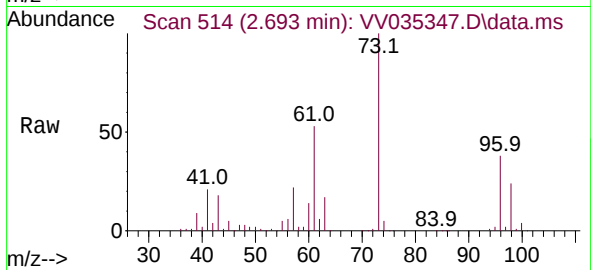




#17
trans-1,2-Dichloroethene
Concen: 49.185 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

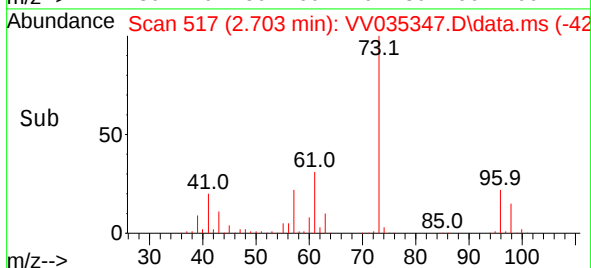
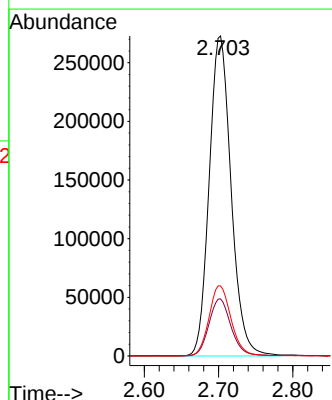
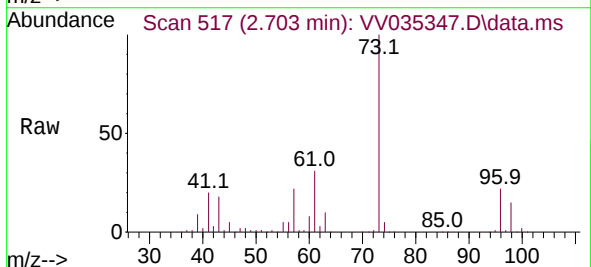
Instrument :
MSVOA_V
ClientSampleId :

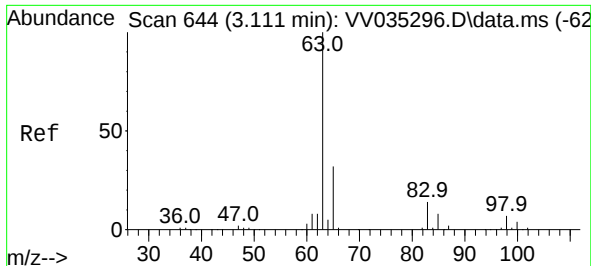
Tgt Ion: 96 Resp: 147566
Ion Ratio Lower Upper
96 100
61 138.3 99.0 183.8
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 52.986 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 73 Resp: 558374
Ion Ratio Lower Upper
73 100
43 17.8 14.6 21.8
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 54.331 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :

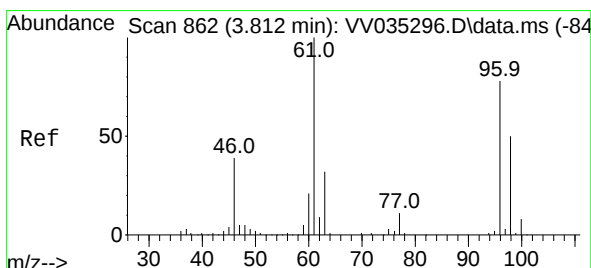
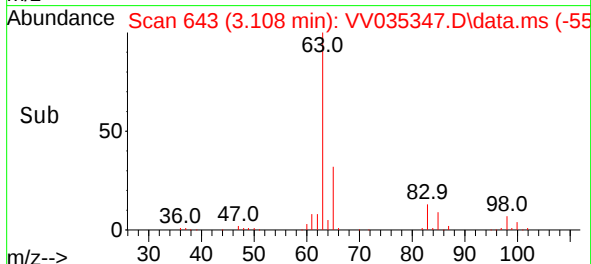
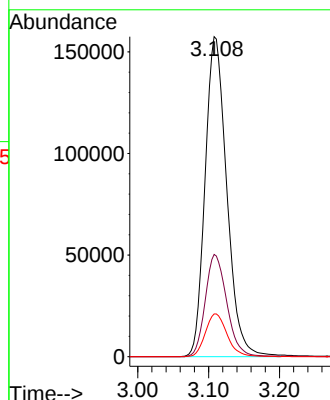
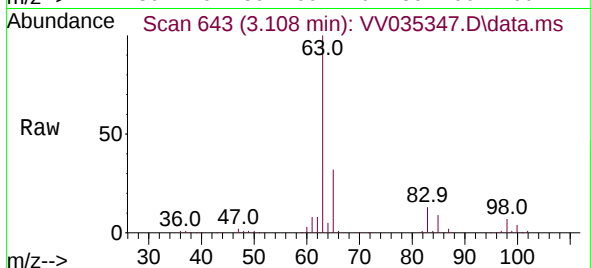
Tgt Ion: 63 Resp: 334276

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.6

83 13.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 54.142 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

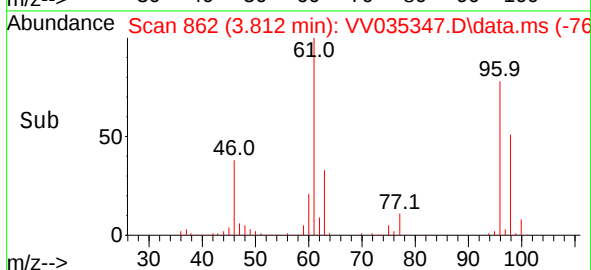
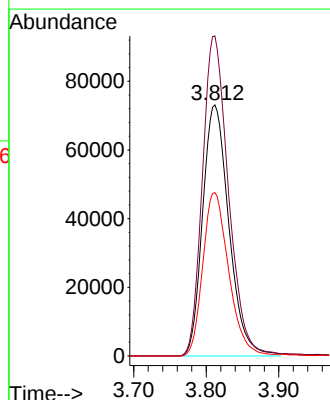
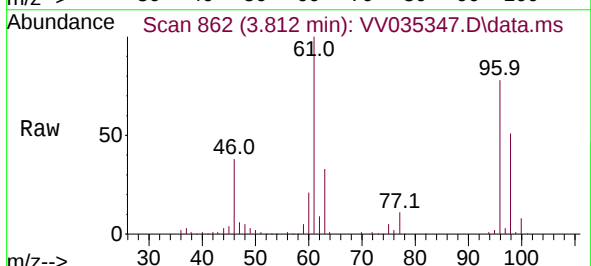
Tgt Ion: 96 Resp: 184456

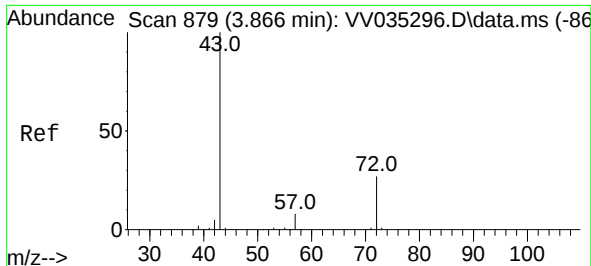
Ion Ratio Lower Upper

96 100

61 127.5 94.9 176.3

98 65.1 45.6 84.8

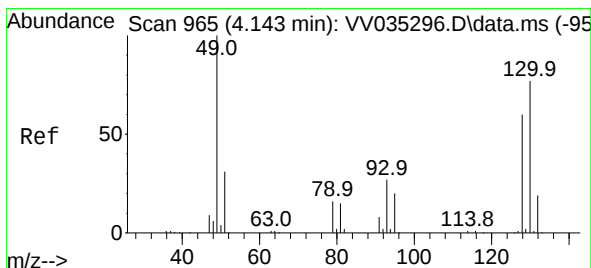
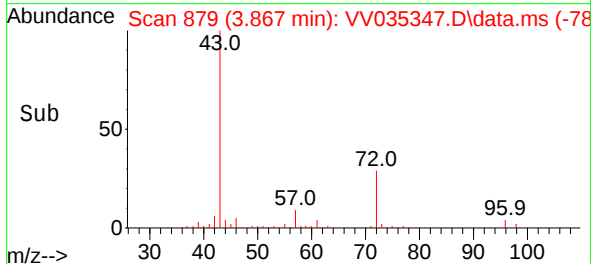
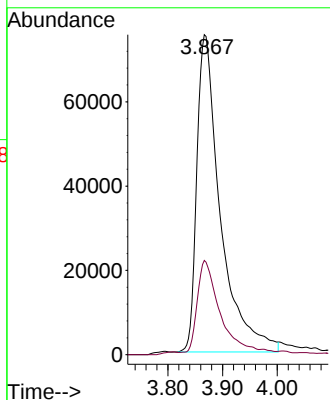
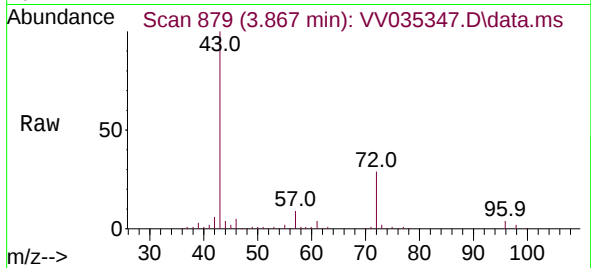




#22
2-Butanone
Concen: 89.230 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

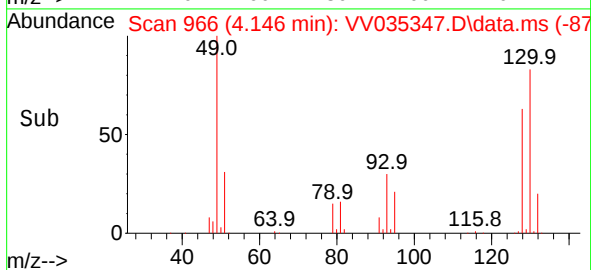
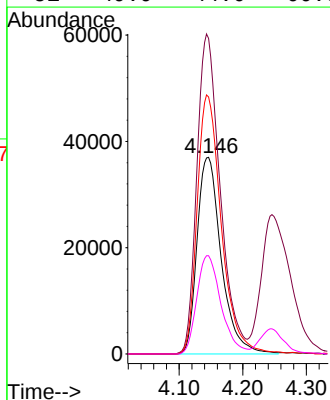
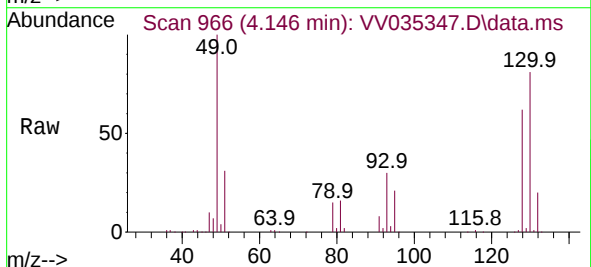
Instrument :
MSVOA_V
ClientSampleId :

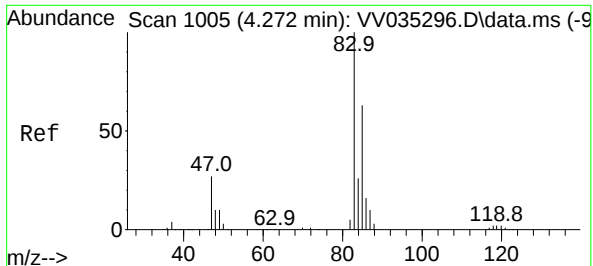
Tgt Ion: 43 Resp: 225130
Ion Ratio Lower Upper
43 100
72 27.1 13.2 39.6



#23
Bromochloromethane
Concen: 57.307 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion:128 Resp: 97683
Ion Ratio Lower Upper
128 100
49 160.5 123.8 229.8
130 130.7 93.2 173.0
51 49.9 44.0 66.0





#25

Chloroform

Concen: 57.197 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

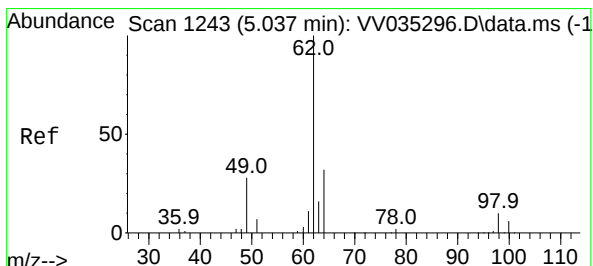
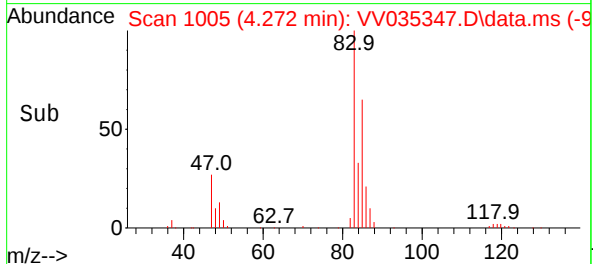
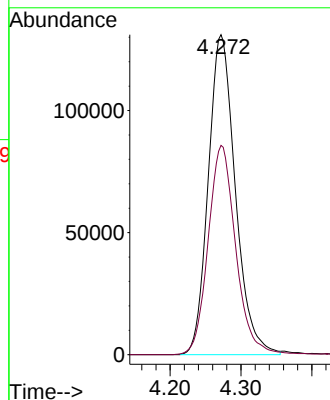
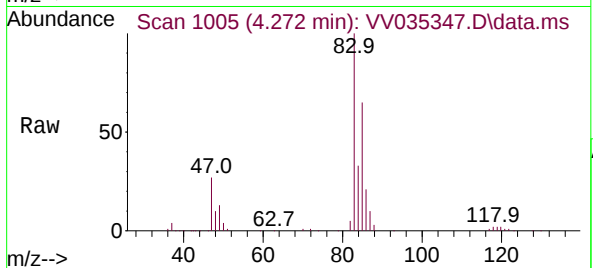
ClientSampleId :

Tgt Ion: 83 Resp: 347926

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 53.471 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035347.D

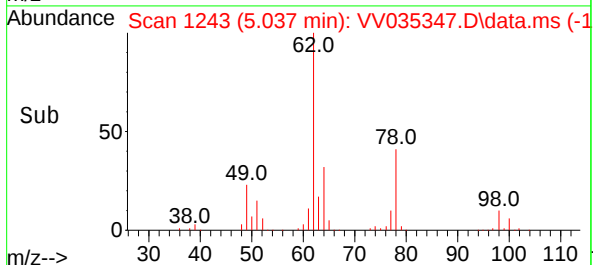
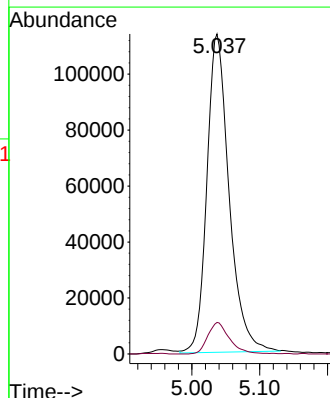
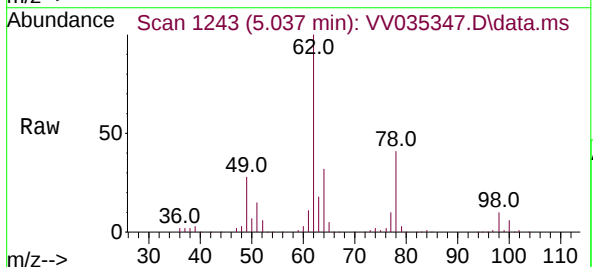
Acq: 23 Apr 2024 09:16

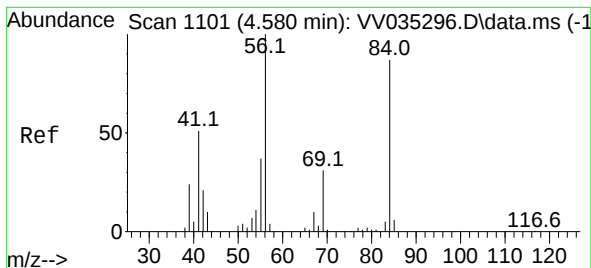
Tgt Ion: 62 Resp: 258966

Ion Ratio Lower Upper

62 100

98 9.9 7.2 10.8





#29

Cyclohexane

Concen: 39.605 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

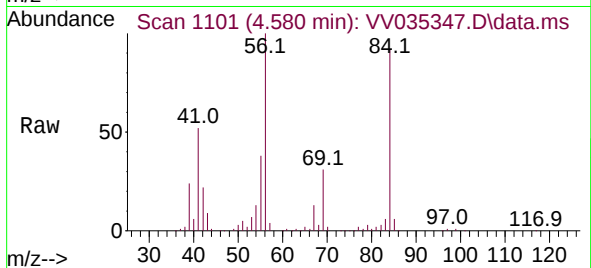
Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :



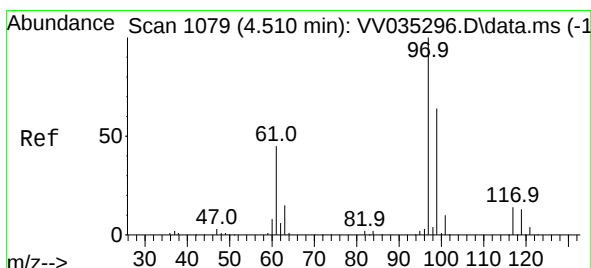
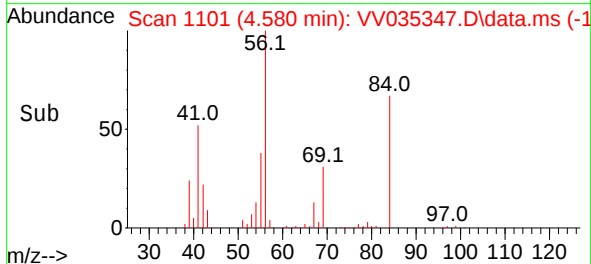
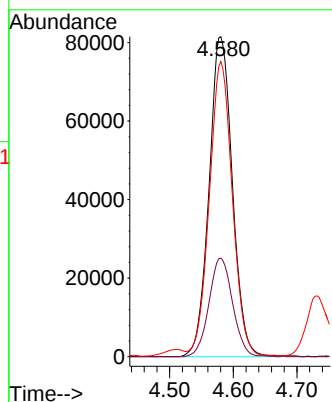
Tgt Ion: 56 Resp: 207392

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.2

84 90.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.623 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

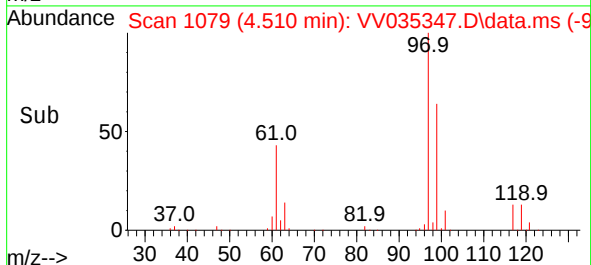
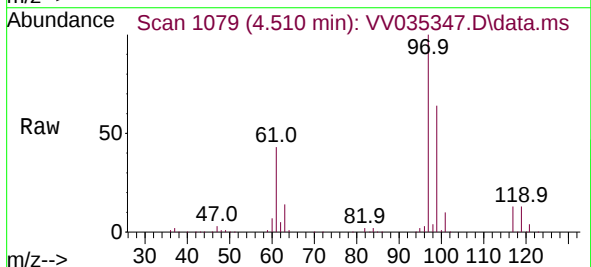
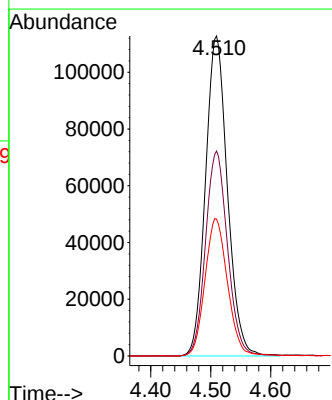
Tgt Ion: 97 Resp: 286788

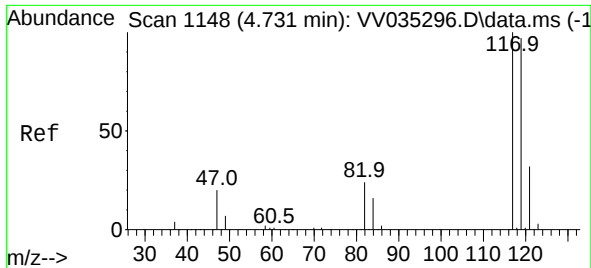
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 44.1 36.8 55.2

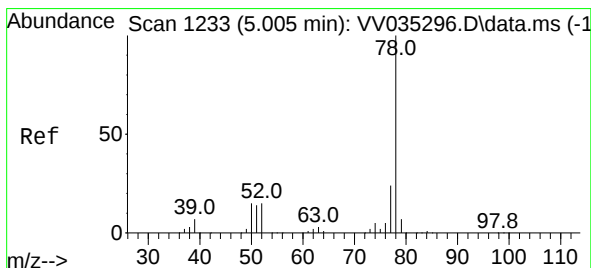
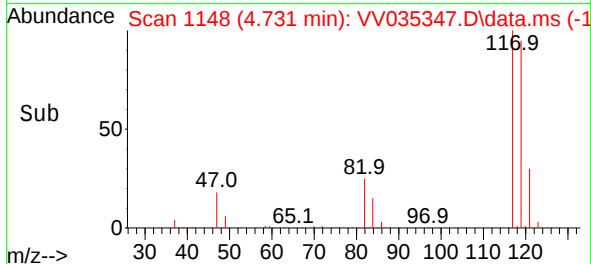
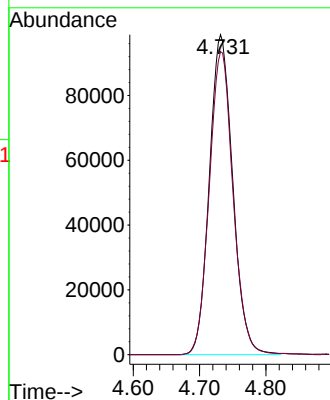
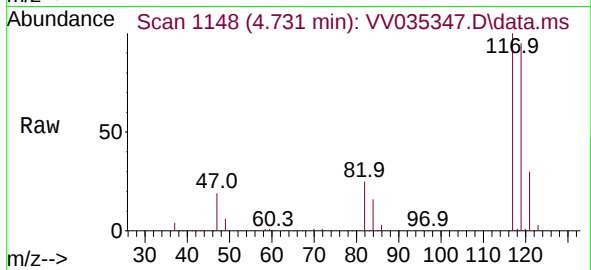




#31
Carbon tetrachloride
Concen: 52.306 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

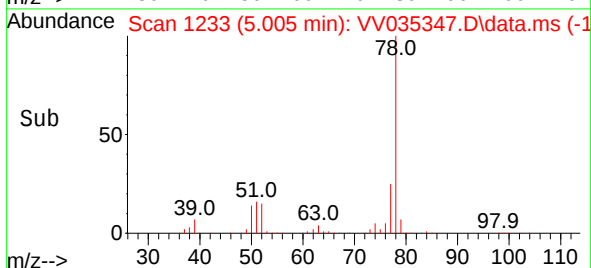
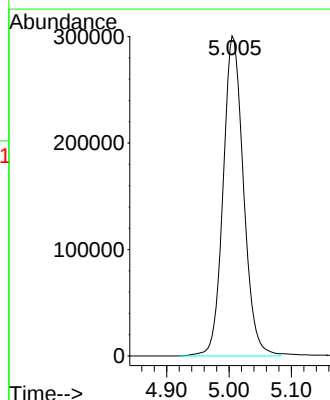
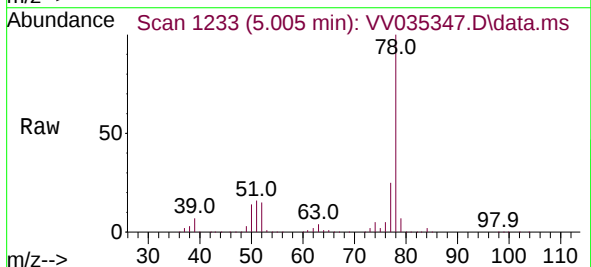
Instrument :
MSVOA_V
ClientSampleId :

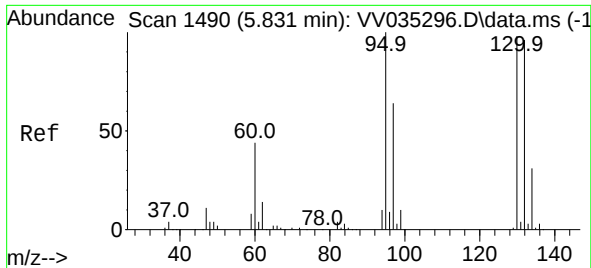
Tgt Ion:117 Resp: 241609
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 50.074 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 78 Resp: 682675

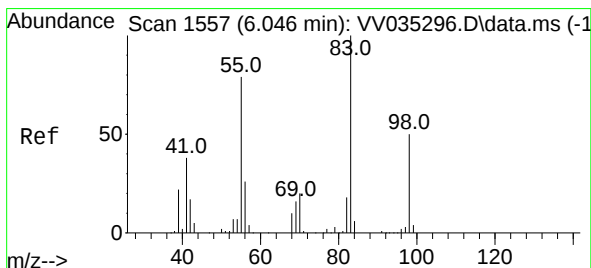
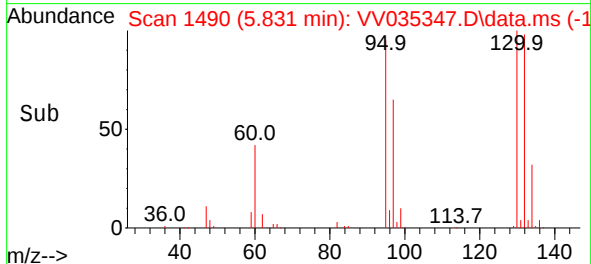
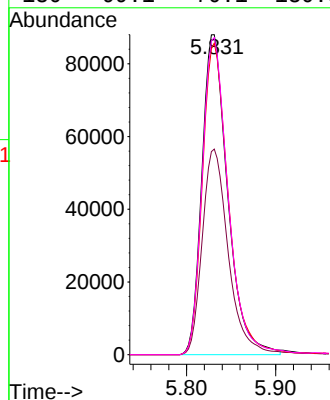
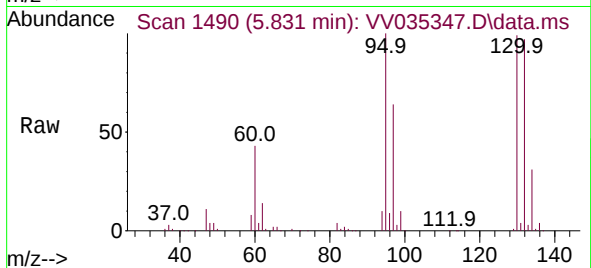




#34
Trichloroethene
Concen: 48.172 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

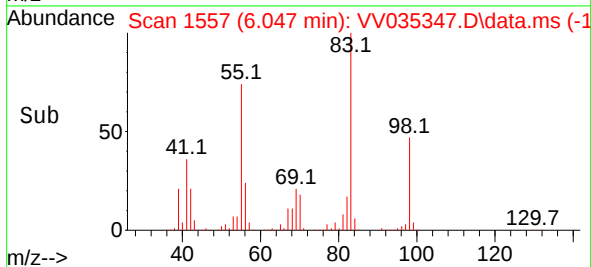
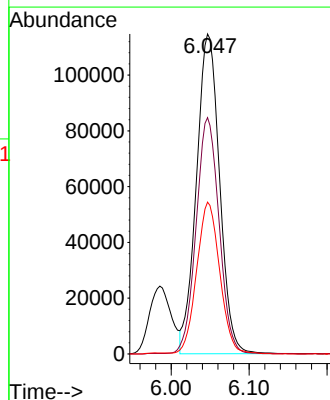
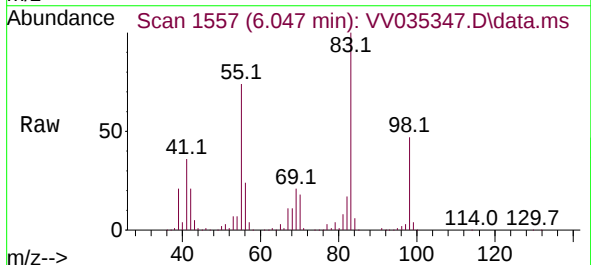
Instrument :
MSVOA_V
ClientSampleId :

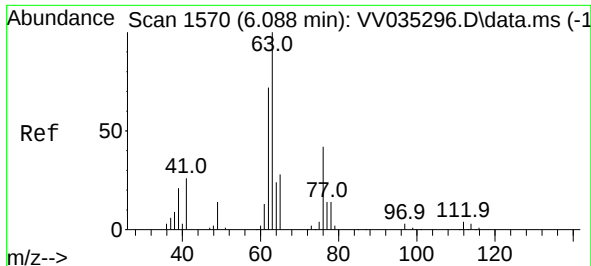
Tgt Ion: 95 Resp: 177240
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 97.3 65.3 121.3
130 99.1 70.1 130.3



#35
Methylcyclohexane
Concen: 42.712 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 83 Resp: 237338
Ion Ratio Lower Upper
83 100
55 72.9 60.0 90.0
98 47.3 37.6 56.4

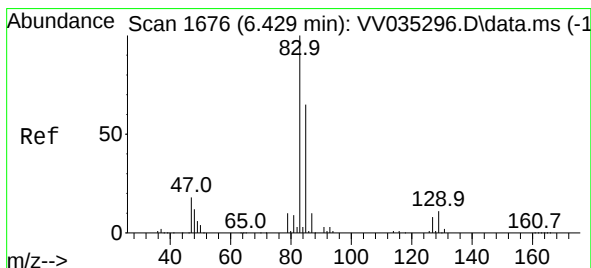
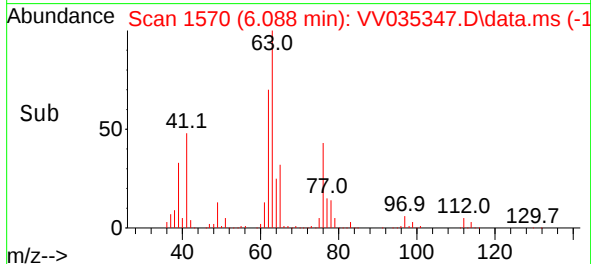
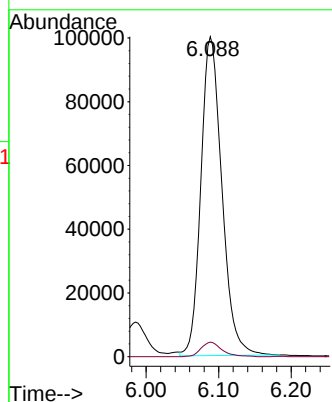
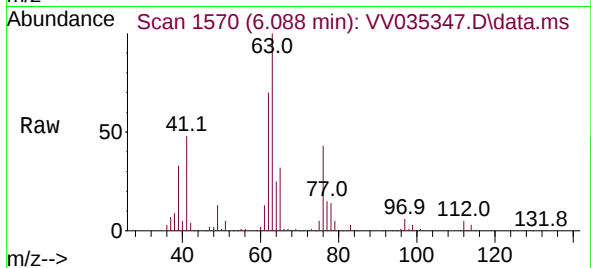




#37
1,2-Dichloropropane
Concen: 53.447 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

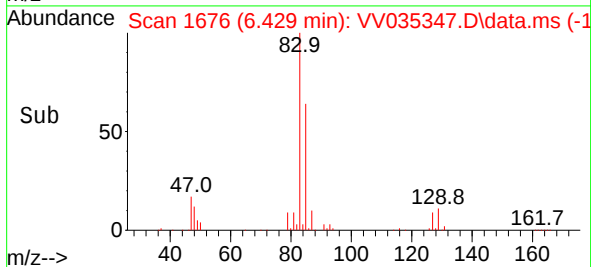
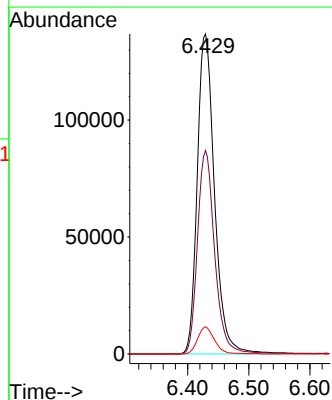
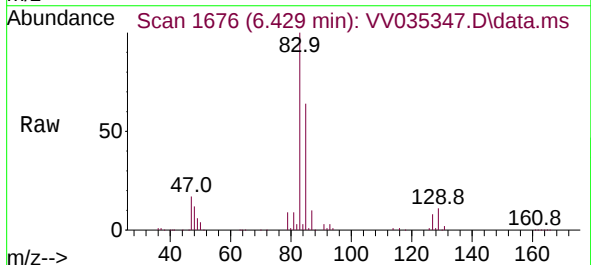
Instrument :
MSVOA_V
ClientSampleId :

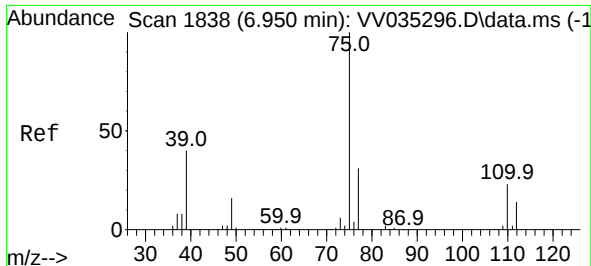
Tgt Ion: 63 Resp: 201369
Ion Ratio Lower Upper
63 100
112 4.6 3.3 4.9



#38
Bromodichloromethane
Concen: 55.316 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 83 Resp: 268900
Ion Ratio Lower Upper
83 100
85 63.6 43.7 81.1
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 47.873 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

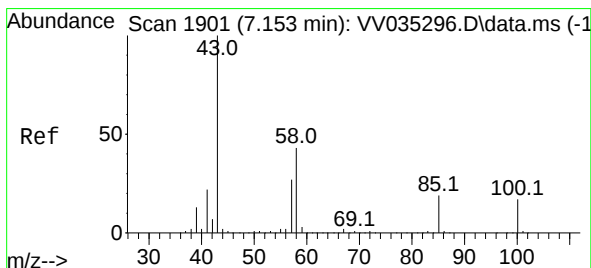
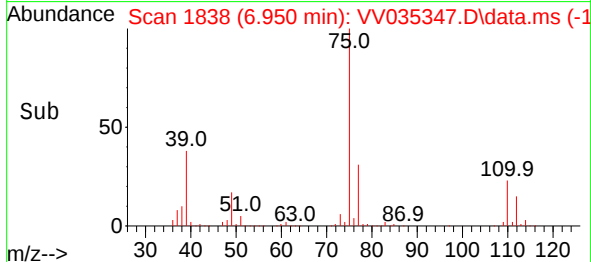
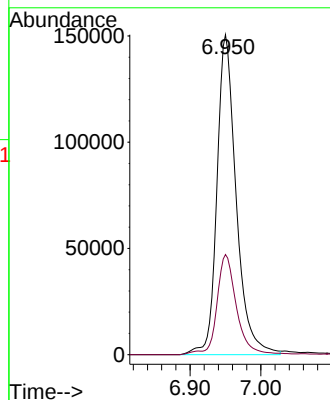
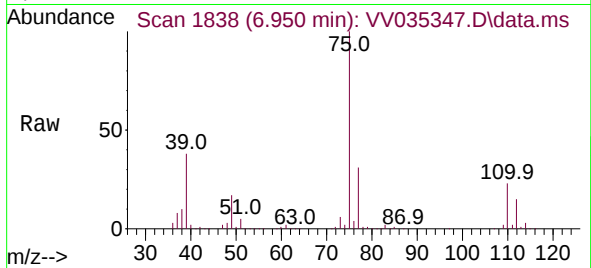
ClientSampleId :

Tgt Ion: 75 Resp: 284137

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 100.329 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

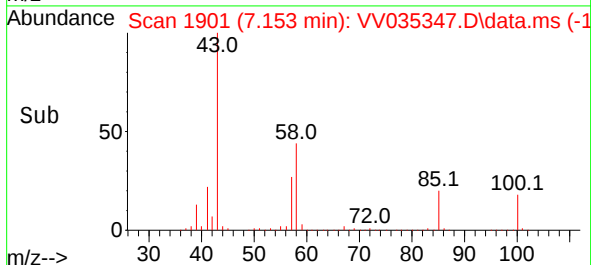
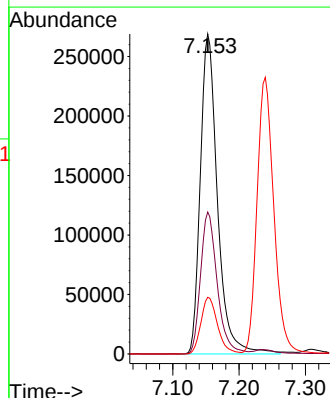
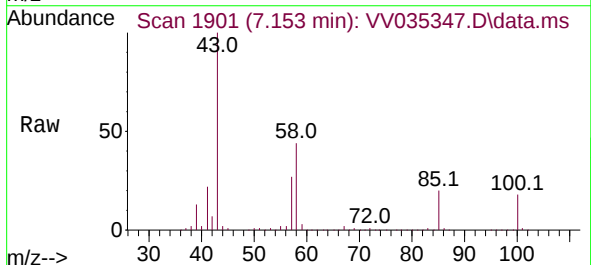
Tgt Ion: 43 Resp: 482618

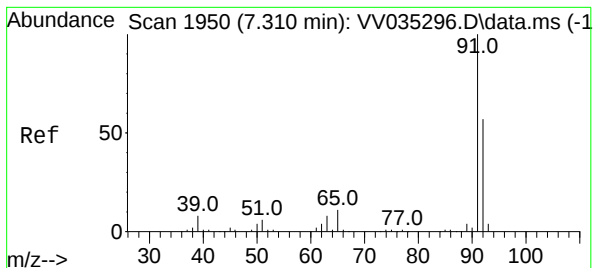
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.8

100 17.3 13.0 19.4





#42

Toluene

Concen: 52.020 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

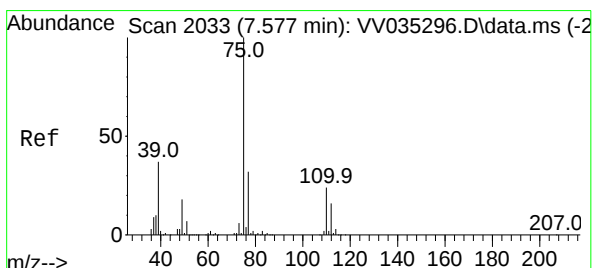
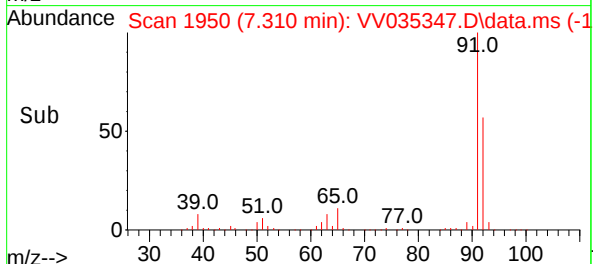
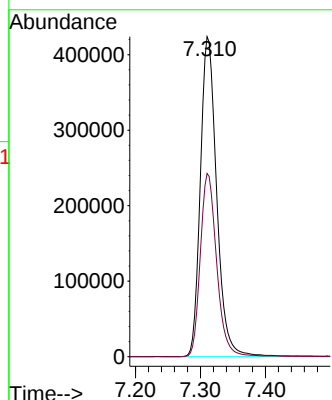
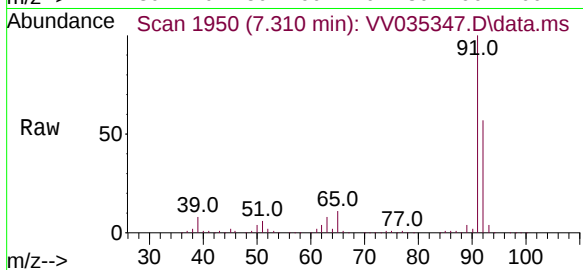
ClientSampleId :

Tgt Ion: 91 Resp: 742493

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.264 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035347.D

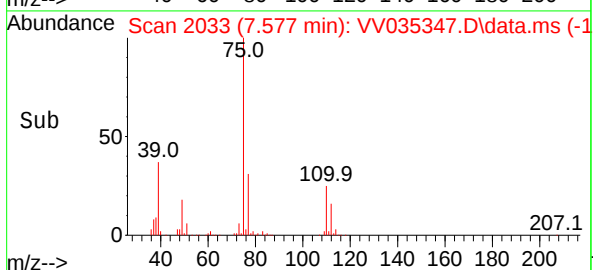
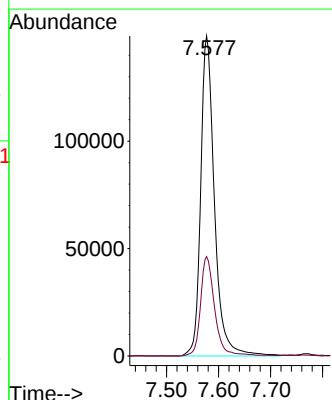
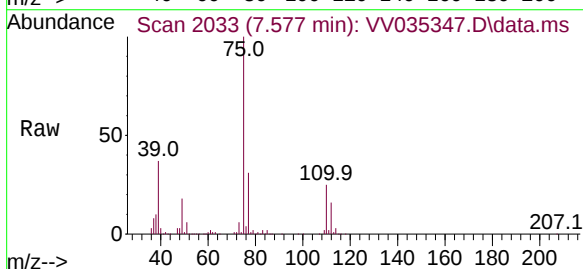
Acq: 23 Apr 2024 09:16

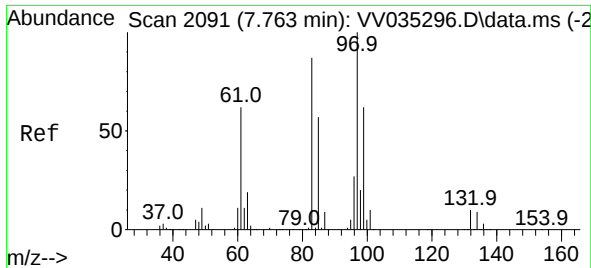
Tgt Ion: 75 Resp: 274079

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3

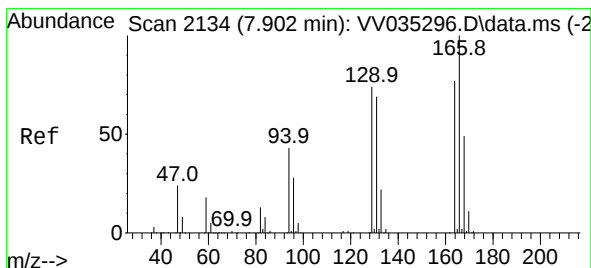
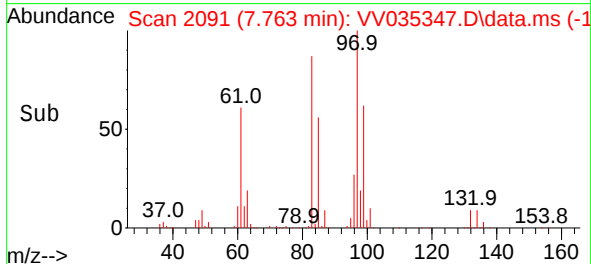
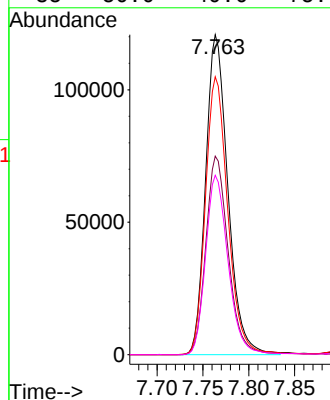
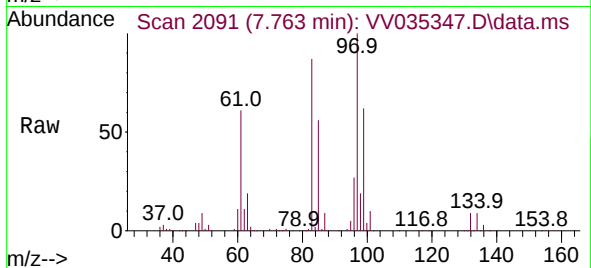




#45
1,1,2-Trichloroethane
Concen: 57.459 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

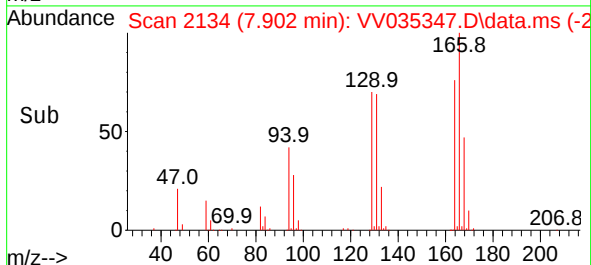
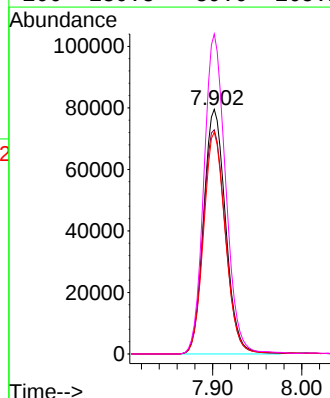
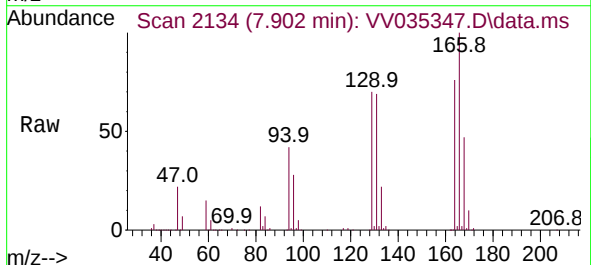
Instrument :
MSVOA_V
ClientSampleId :

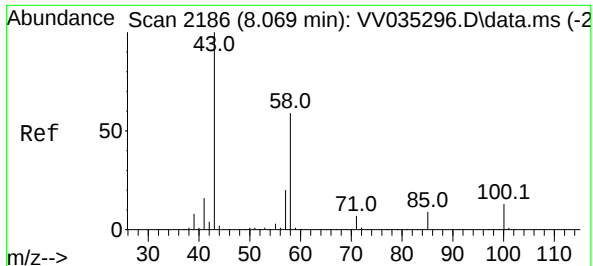
Tgt Ion:	97	Resp:	204046
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	86.9	61.6	114.4
85	56.0	40.6	75.4



#46
Tetrachloroethene
Concen: 52.915 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion:	164	Resp:	136018
Ion	Ratio	Lower	Upper
164	100		
129	91.7	68.6	127.4
131	90.7	65.7	122.1
166	130.8	89.0	165.2



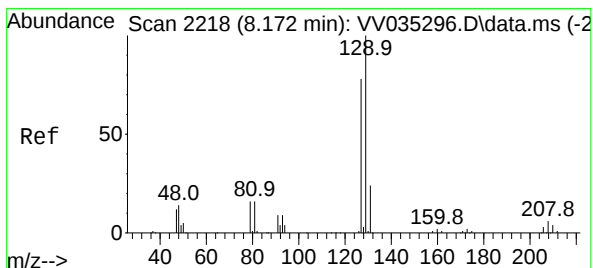
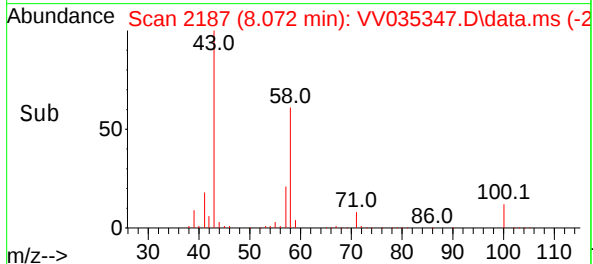
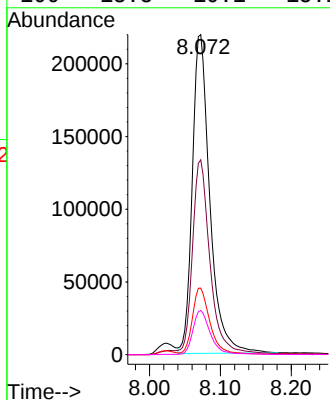
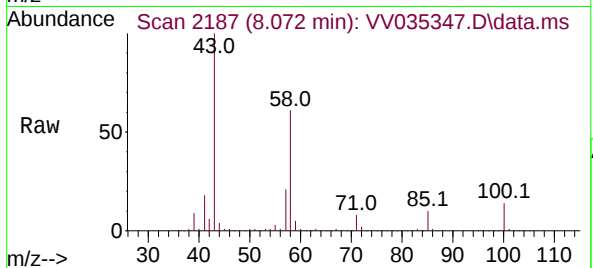


#48
2-Hexanone
Concen: 92.345 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 377808

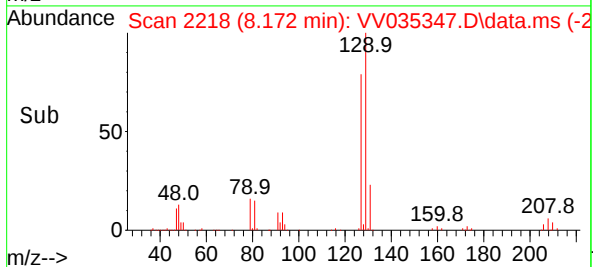
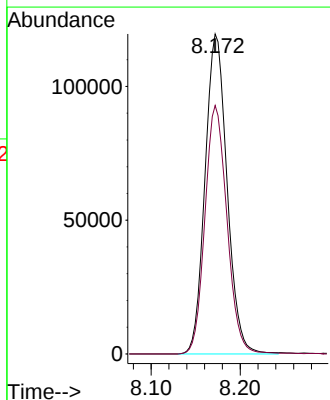
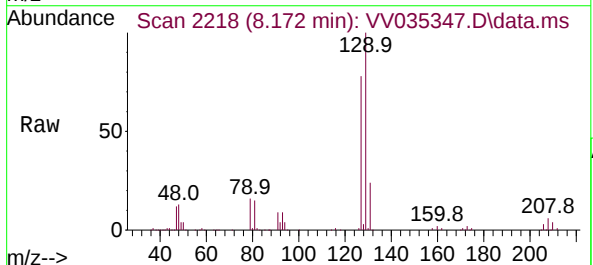
Ion	Ratio	Lower	Upper
43	100		
58	60.7	45.4	68.2
57	20.9	16.2	24.4
100	13.8	10.1	15.1

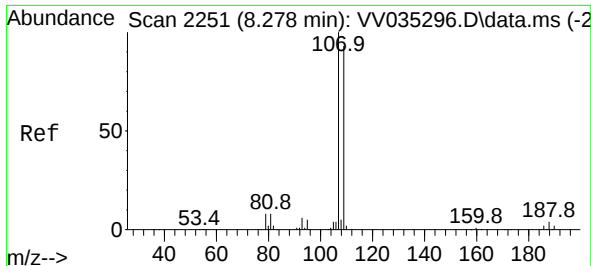


#49
Dibromochloromethane
Concen: 58.366 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 129 Resp: 205281

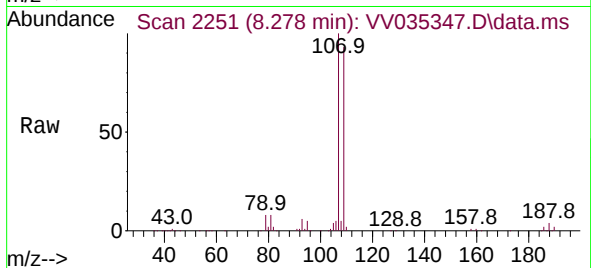
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5



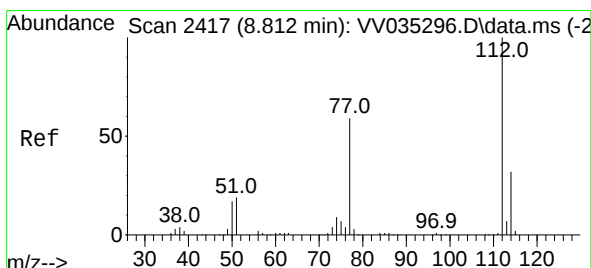
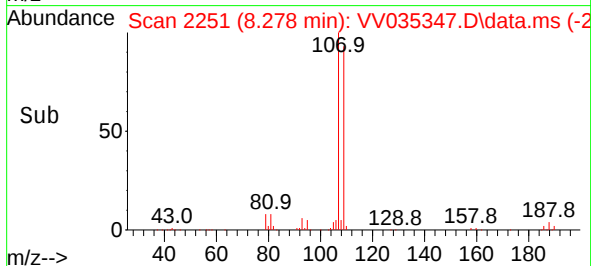
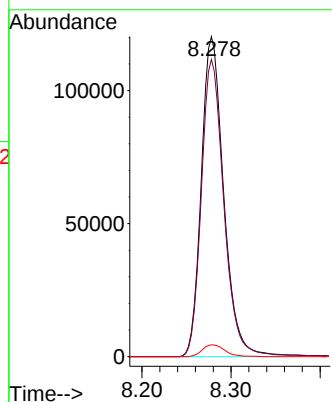


#50
1,2-Dibromoethane
Concen: 54.851 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Instrument :
MSVOA_V
ClientSampleId :

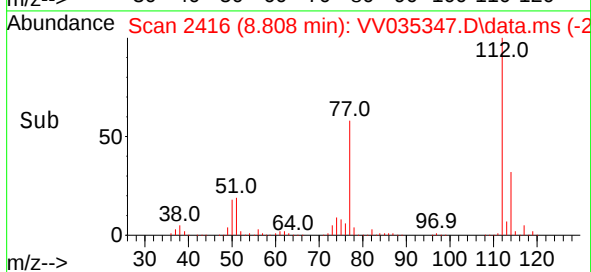
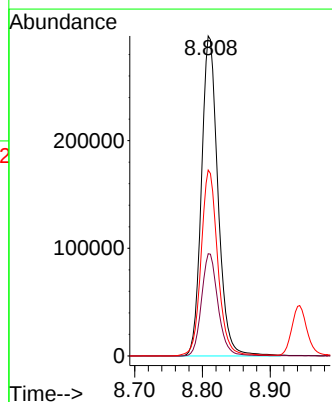
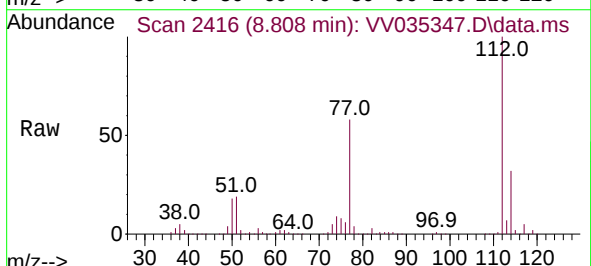


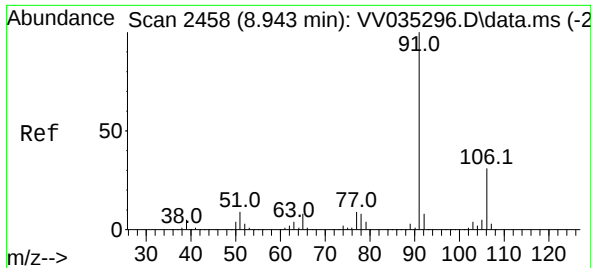
Tgt Ion:107 Resp: 209708
Ion Ratio Lower Upper
107 100
109 92.9 64.5 119.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 54.318 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion:112 Resp: 502484
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 58.1 47.4 71.2

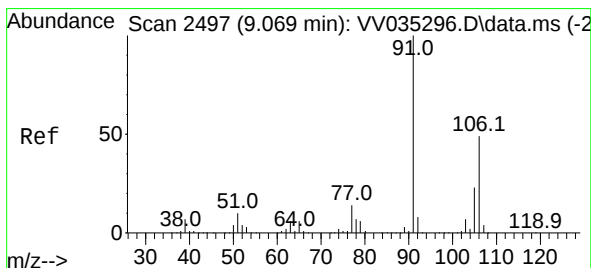
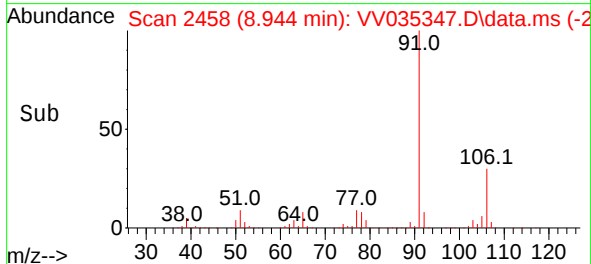
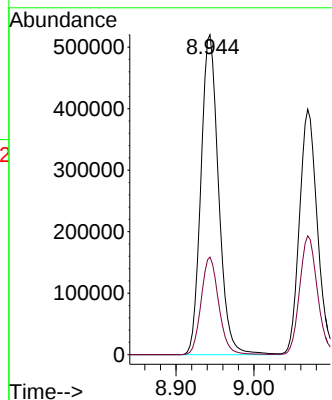
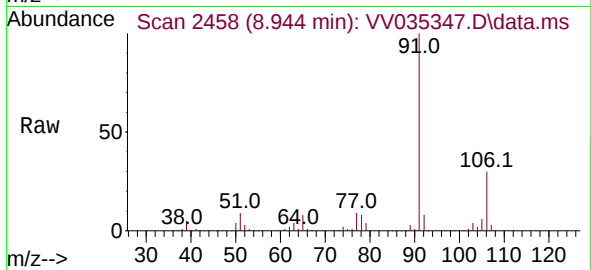




#52
Ethylbenzene
Concen: 51.765 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

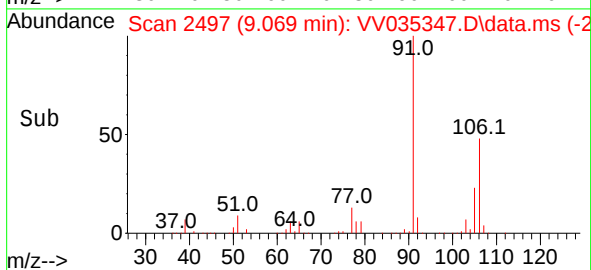
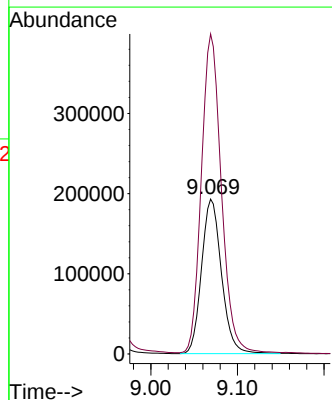
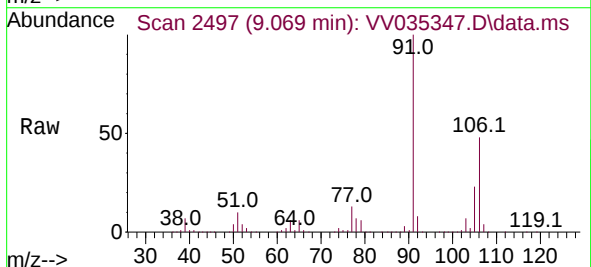
Instrument :
MSVOA_V
ClientSampleId :

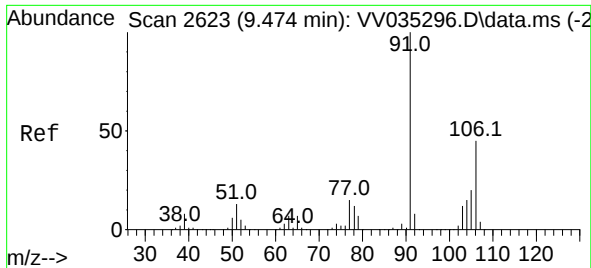
Tgt Ion: 91 Resp: 818865
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 52.768 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 106 Resp: 307401
Ion Ratio Lower Upper
106 100
91 206.5 144.8 269.0

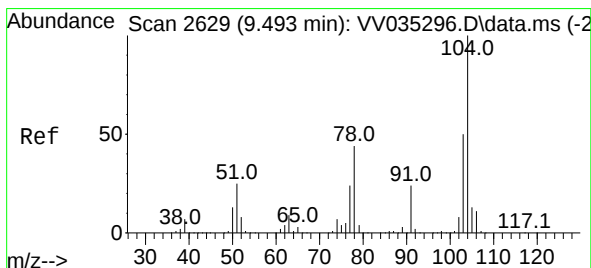
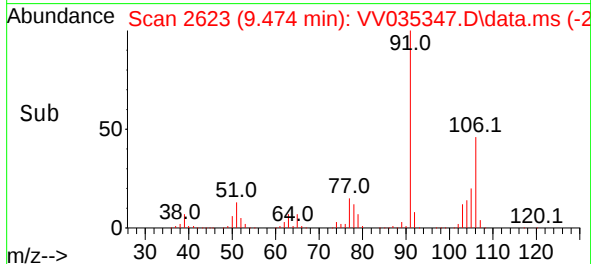
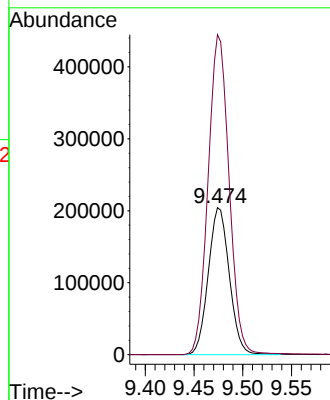
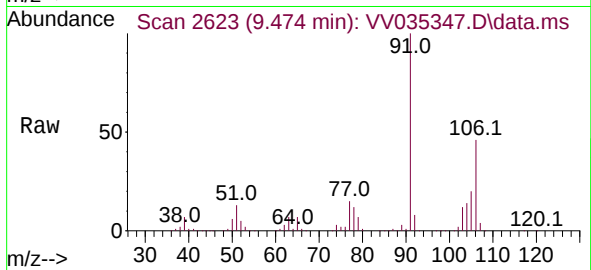




#54
o-Xylene
Concen: 53.351 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

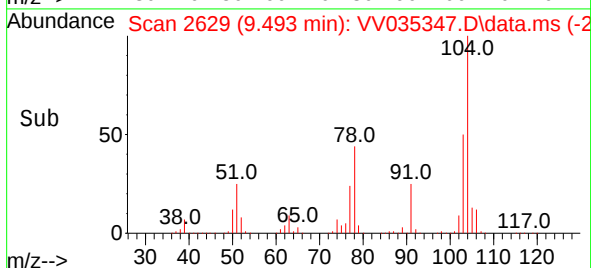
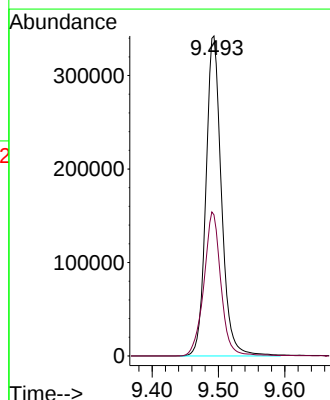
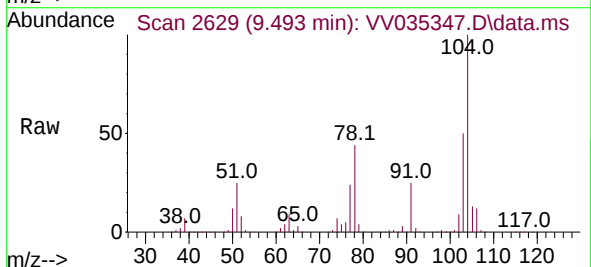
Instrument :
MSVOA_V
ClientSampleId :

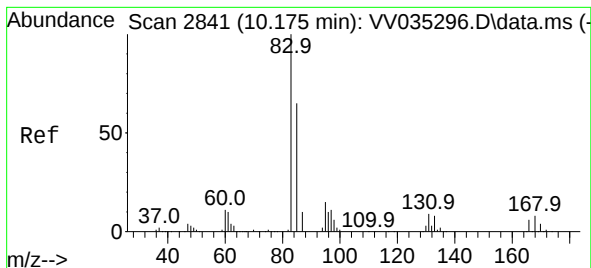
Tgt Ion:106 Resp: 307513
Ion Ratio Lower Upper
106 100
91 217.6 151.3 280.9



#55
Styrene
Concen: 57.279 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion:104 Resp: 557931
Ion Ratio Lower Upper
104 100
78 44.1 31.5 58.5

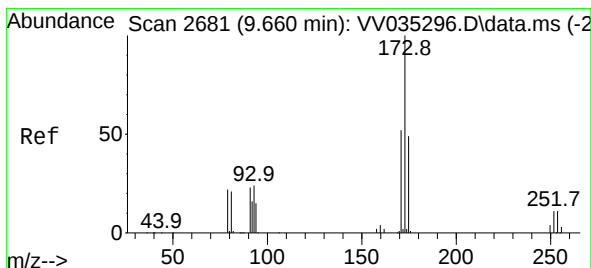
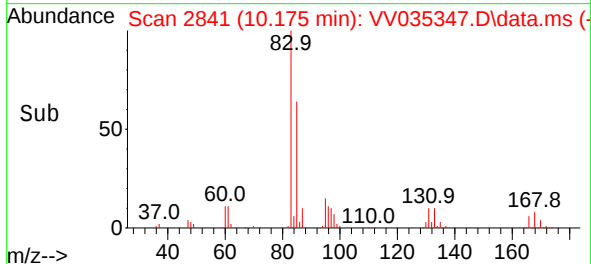
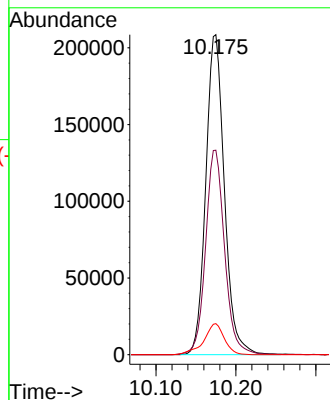
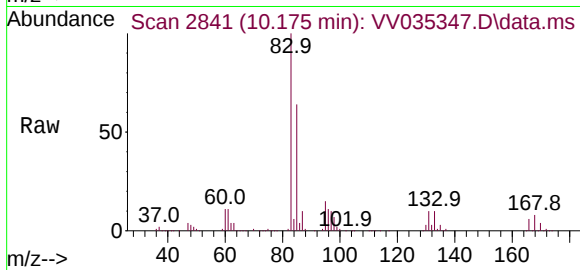




#57
1,1,2,2-Tetrachloroethane
Concen: 58.681 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

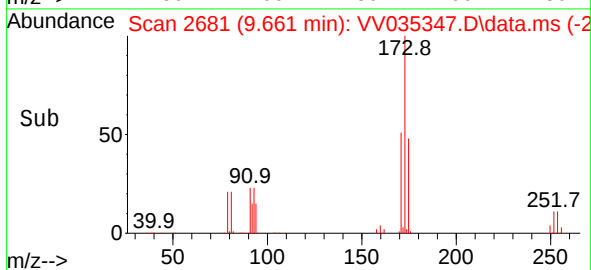
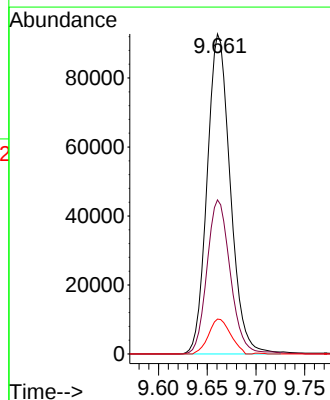
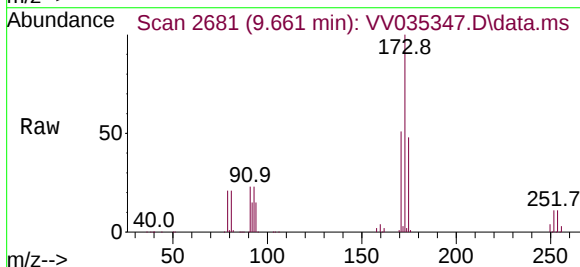
Instrument :
MSVOA_V
ClientSampleId :

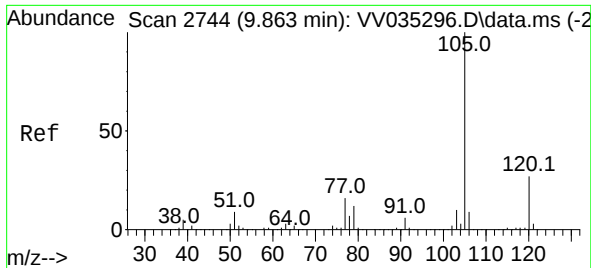
Tgt Ion: 83 Resp: 337632
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
131 9.7 6.9 10.3



#59
Bromoform
Concen: 58.062 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 173 Resp: 153189
Ion Ratio Lower Upper
173 100
175 48.3 39.3 58.9
254 10.4 7.5 11.3

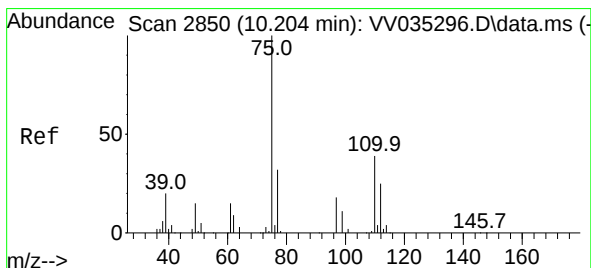
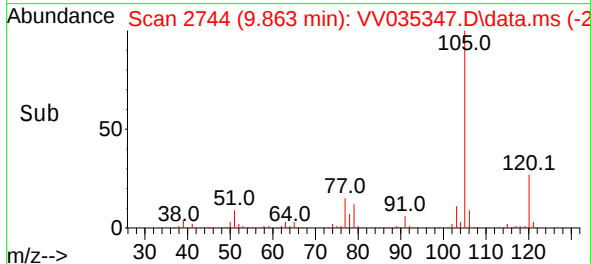
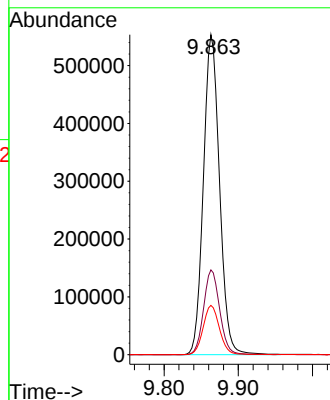
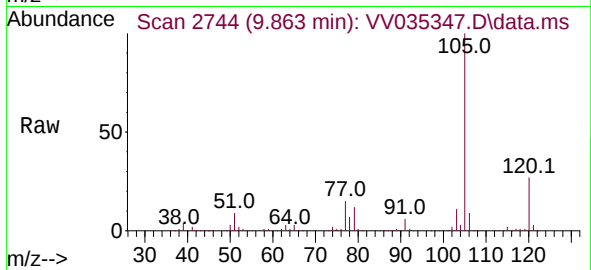




#60
Isopropylbenzene
Concen: 50.222 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

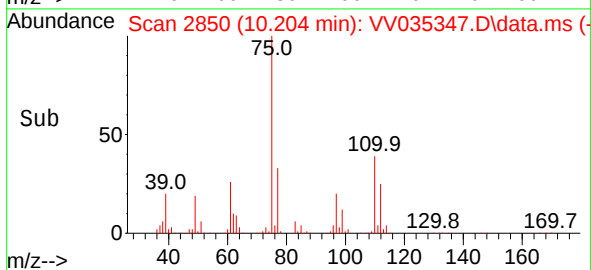
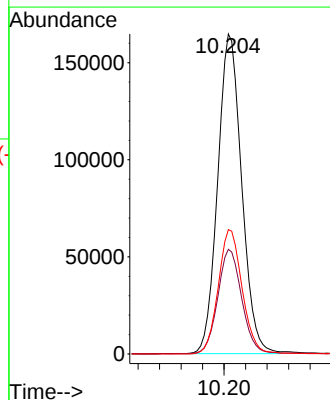
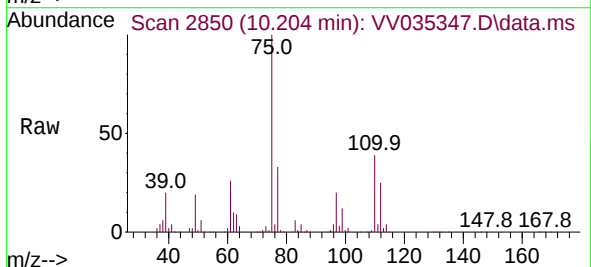
Instrument :
MSVOA_V
ClientSampleId :

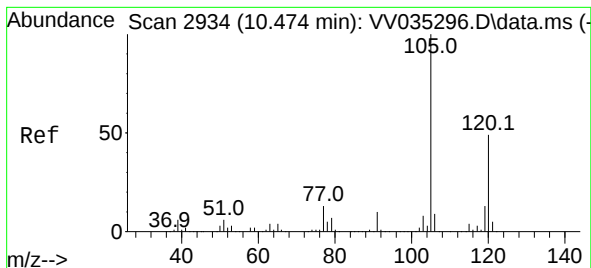
Tgt Ion:105 Resp: 833567
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.890 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV035347.D
Acq: 23 Apr 2024 09:16

Tgt Ion: 75 Resp: 253885
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 39.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 49.433 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

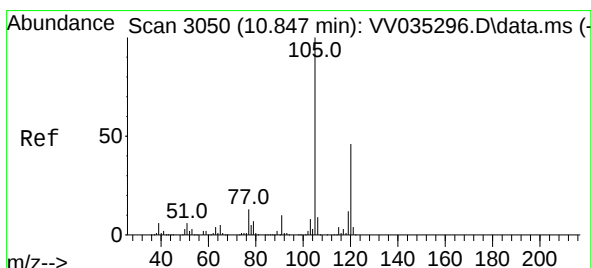
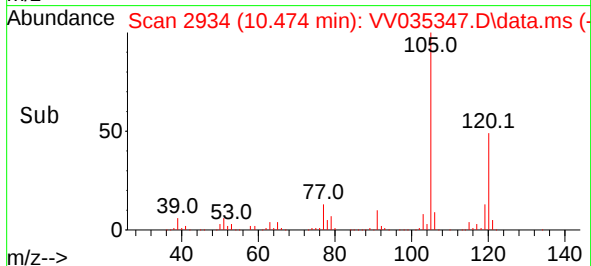
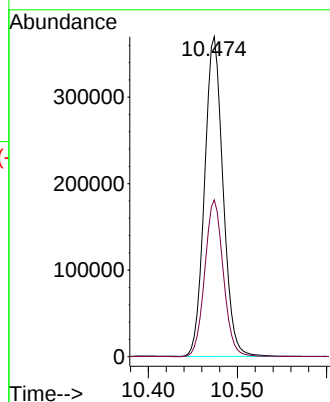
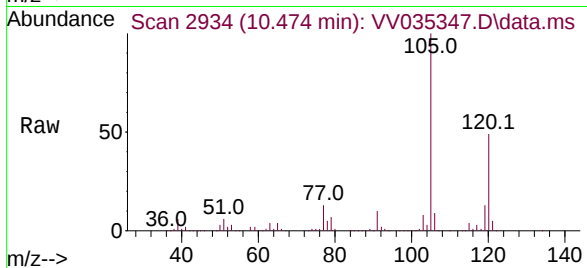
ClientSampleId :

Tgt Ion:105 Resp: 532855

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 50.545 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV035347.D

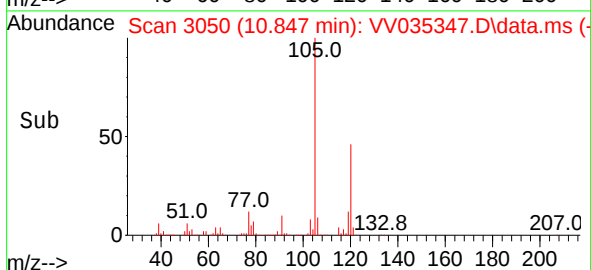
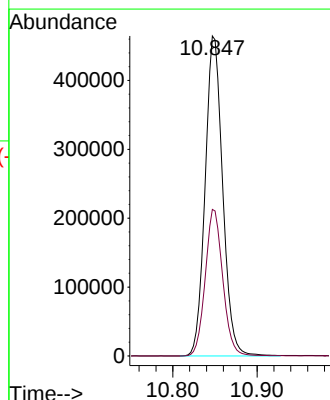
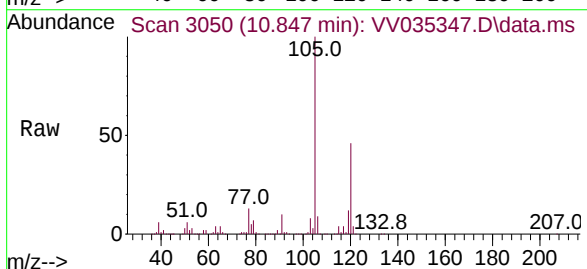
Acq: 23 Apr 2024 09:16

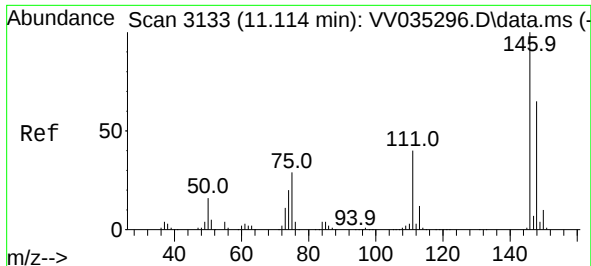
Tgt Ion:105 Resp: 673627

Ion Ratio Lower Upper

105 100

120 45.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.585 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :

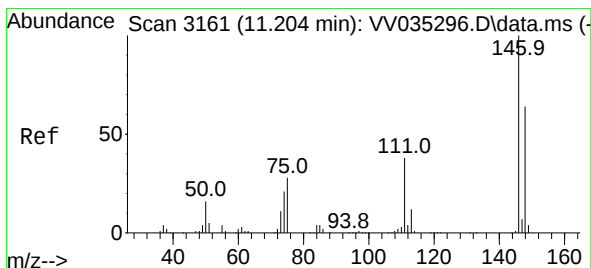
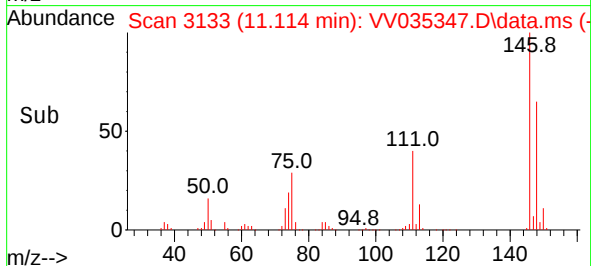
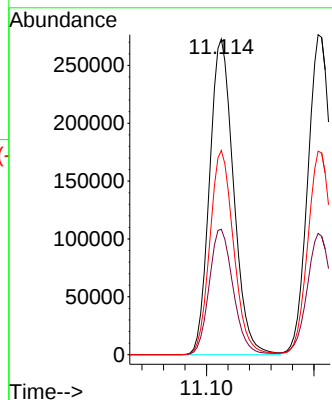
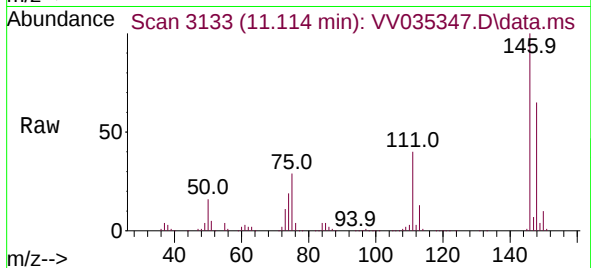
Tgt Ion:146 Resp: 423380

Ion Ratio Lower Upper

146 100

111 39.8 28.7 53.3

148 64.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 55.720 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

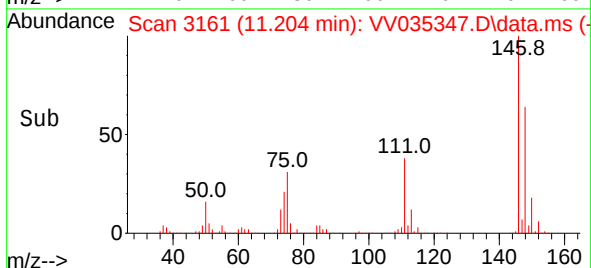
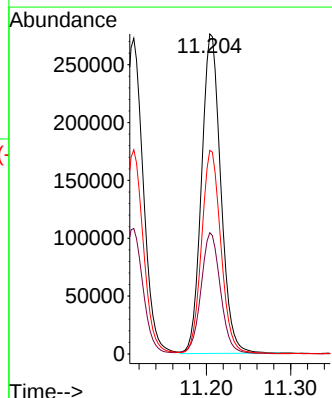
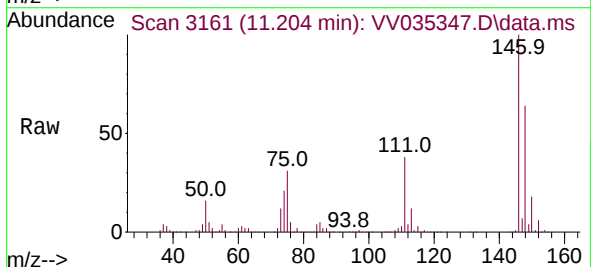
Tgt Ion:146 Resp: 439500

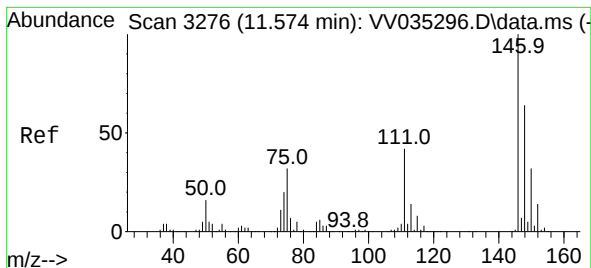
Ion Ratio Lower Upper

146 100

111 37.9 27.4 50.8

148 63.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 56.623 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :

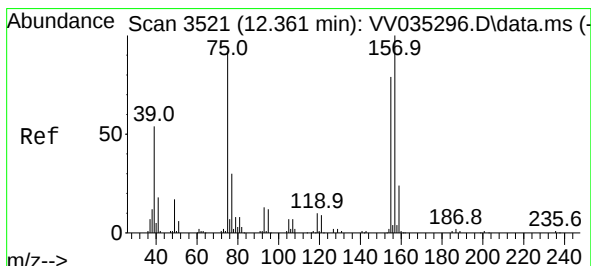
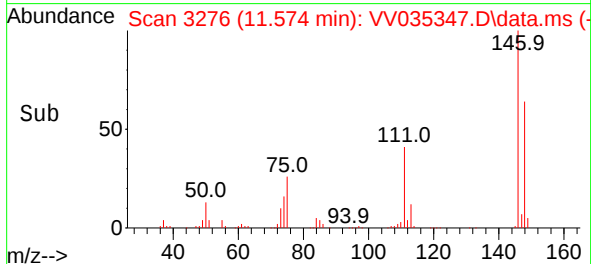
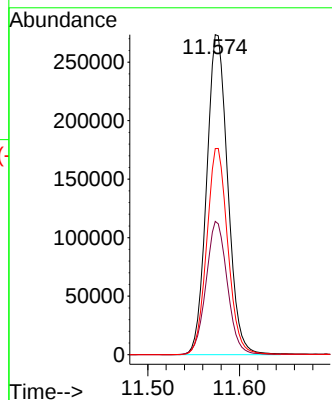
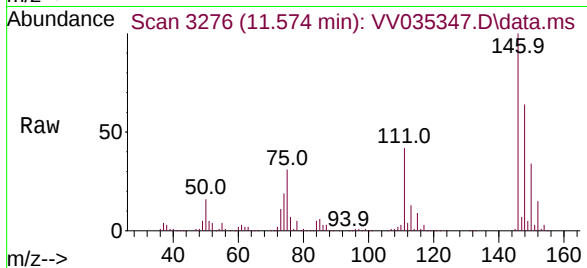
Tgt Ion:146 Resp: 437513

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.567 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

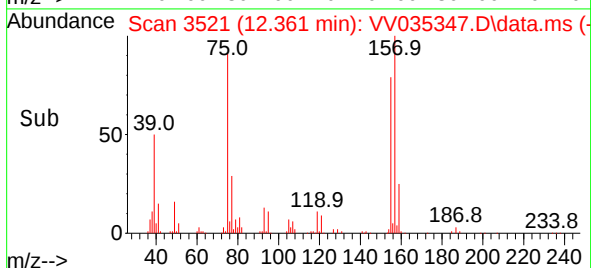
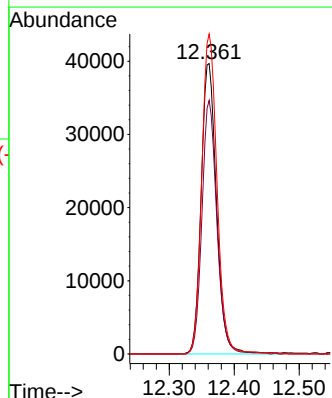
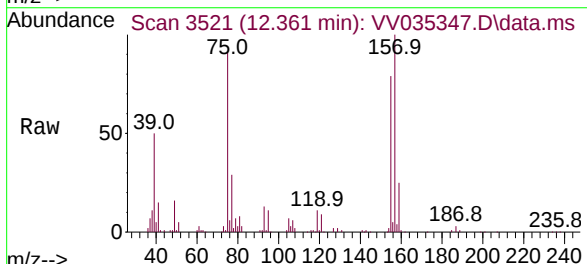
Tgt Ion: 75 Resp: 65379

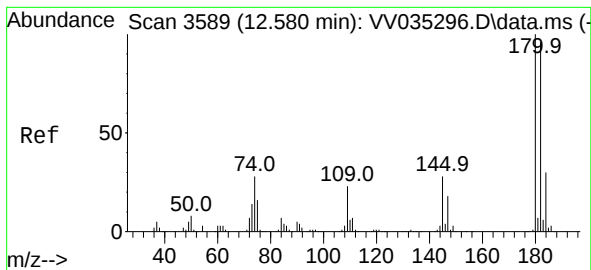
Ion Ratio Lower Upper

75 100

155 87.4 63.0 94.6

157 110.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 55.250 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

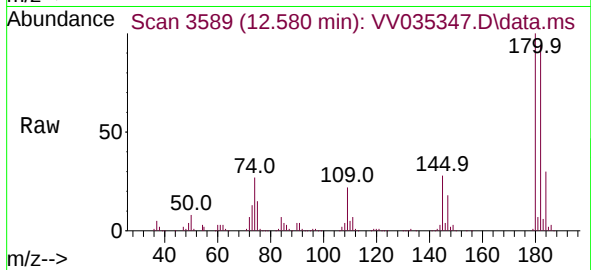
Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 308851

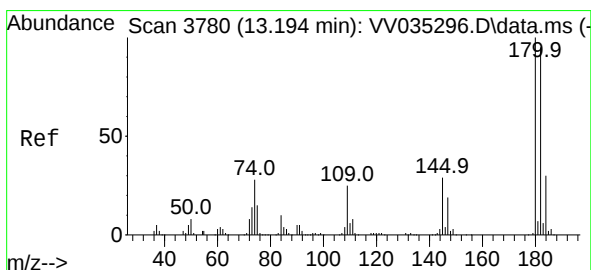
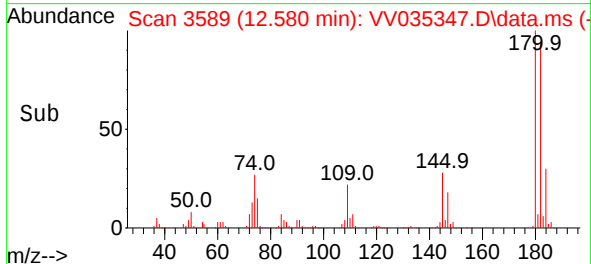
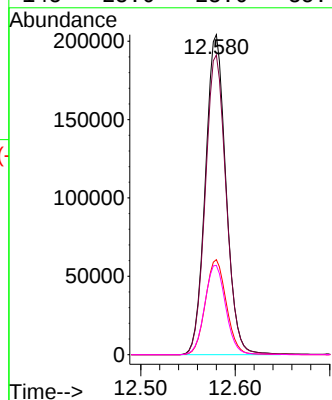
Ion Ratio Lower Upper

180 100

182 94.9 74.7 112.1

184 30.3 24.0 36.0

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 53.630 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

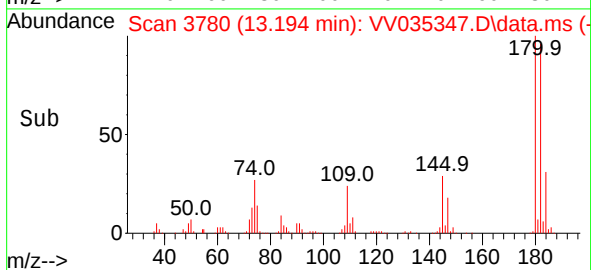
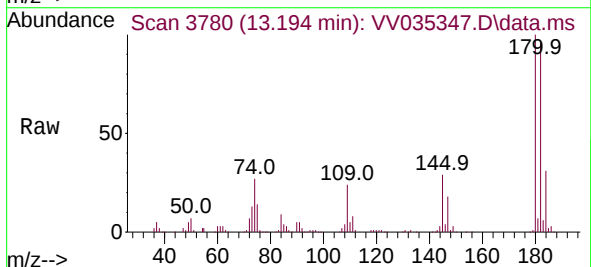
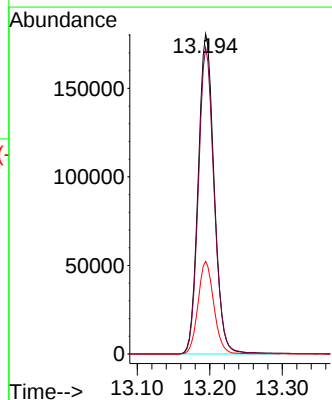
Tgt Ion:180 Resp: 275385

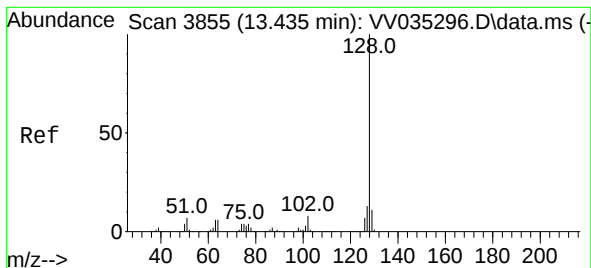
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 28.7 24.1 36.1





#71

Naphthalene

Concen: 42.377 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Instrument :

MSVOA_V

ClientSampleId :

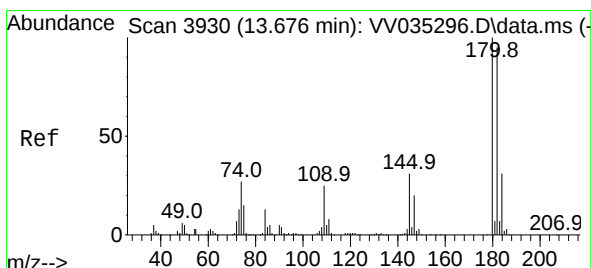
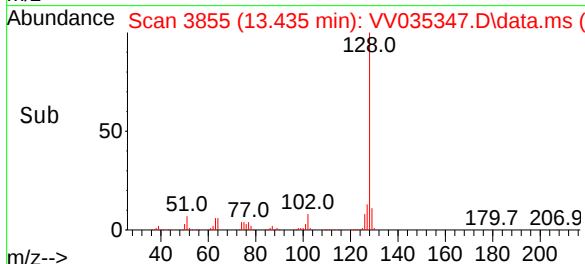
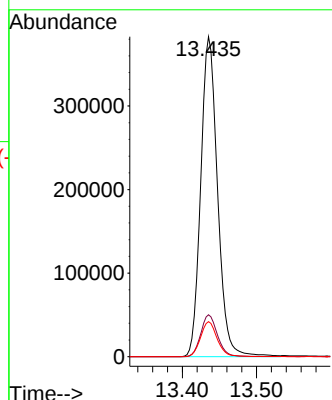
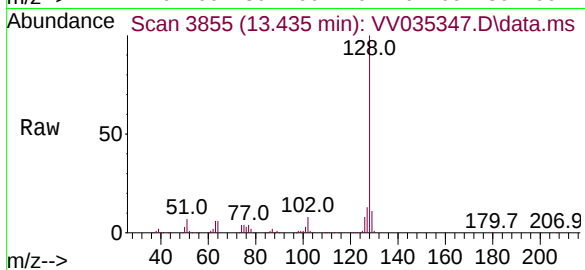
Tgt Ion:128 Resp: 603715

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.142 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035347.D

Acq: 23 Apr 2024 09:16

Tgt Ion:180 Resp: 279103

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 31.0 25.8 38.6

