

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034989.D
 Acq On : 04 Apr 2024 19:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:40:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	421132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	408950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	211053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154439	37.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.940%
7) Chloroethane-d5	1.532	69	155982	44.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	2.060	65	73664	41.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.640%
21) 2-Butanone-d5	3.793	46	233632	96.858	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	4.249	84	306303	44.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	4.941	65	188771	43.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
32) Benzene-d6	4.960	84	601086	43.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	5.985	67	191964	44.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.243	98	543672	43.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.900%
43) trans-1,3-Dichloroprop...	7.551	79	88963	41.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
47) 2-Hexanone-d5	8.024	63	147685	89.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.550%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	271791	45.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	203708	42.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	140256	45.952	ug/L	98
3) Chloromethane	1.217	50	168892	43.042	ug/L	98
5) Vinyl chloride	1.285	62	185964	45.207	ug/L	98
6) Bromomethane	1.490	94	129643	42.044	ug/L	98
8) Chloroethane	1.548	64	144180	51.319	ug/L	99
9) Trichlorofluoromethane	1.712	101	260585	48.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	161445	48.854	ug/L	98
12) 1,1-Dichloroethene	2.069	96	147451	46.653	ug/L	92
13) Acetone	2.124	43	208828	94.300	ug/L	99
14) Carbon disulfide	2.240	76	379213	42.606	ug/L	99
15) Methyl Acetate	2.375	43	195985	56.160	ug/L	99
16) Methylene chloride	2.445	84	176702	51.597	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	148110	48.470	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	555113	51.720	ug/L	98
19) 1,1-Dichloroethane	3.111	63	330438	52.732	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	178201	51.356	ug/L	98
22) 2-Butanone	3.873	43	268863	104.629	ug/L	99
23) Bromochloromethane	4.146	128	91266	52.570	ug/L	97
25) Chloroform	4.275	83	330083	53.279	ug/L	99

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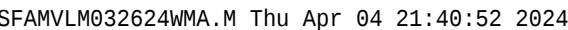
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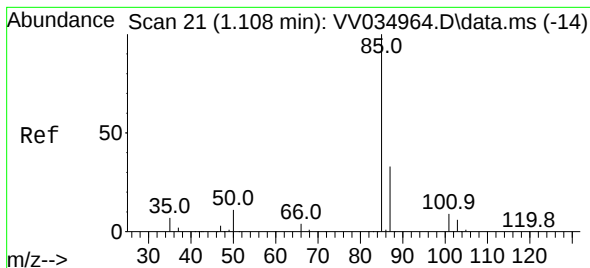
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	260232	52.757	ug/L	100
29) Cyclohexane	4.584	56	252312	49.260	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	274524	51.499	ug/L	99
31) Carbon tetrachloride	4.735	117	232585	51.478	ug/L	100
33) Benzene	5.008	78	678650	50.891	ug/L	100
34) Trichloroethene	5.831	95	179221	49.799	ug/L	98
35) Methylcyclohexane	6.050	83	265525	48.853	ug/L	98
37) 1,2-Dichloropropane	6.092	63	197822	53.679	ug/L	100
38) Bromodichloromethane	6.429	83	247598	52.073	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	283695	48.867	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	521945	110.930	ug/L	99
42) Toluene	7.313	91	721795	51.700	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	276281	51.801	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	186723	53.756	ug/L	100
46) Tetrachloroethene	7.905	164	128977	51.297	ug/L	97
48) 2-Hexanone	8.072	43	424952	106.190	ug/L	98
49) Dibromochloromethane	8.175	129	184521	53.636	ug/L	100
50) 1,2-Dibromoethane	8.281	107	195113	52.175	ug/L	98
51) Chlorobenzene	8.812	112	469159	51.849	ug/L	99
52) Ethylbenzene	8.944	91	797984	51.573	ug/L	99
53) m,p-Xylene	9.072	106	294125	51.618	ug/L	99
54) o-Xylene	9.477	106	291451	51.694	ug/L	96
55) Styrene	9.493	104	510950	53.629	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	304241	54.060	ug/L	99
59) Bromoform	9.664	173	134724	55.703	ug/L	99
60) Isopropylbenzene	9.866	105	802149	52.720	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	247262	54.065	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	523140	52.941	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	646875	52.948	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	365735	51.437	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	374010	51.725	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	377004	53.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69206	54.927	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	265400	51.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	239585	50.898	ug/L	100
71) Naphthalene	13.439	128	676641	51.812	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	248755	53.611	ug/L	99

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

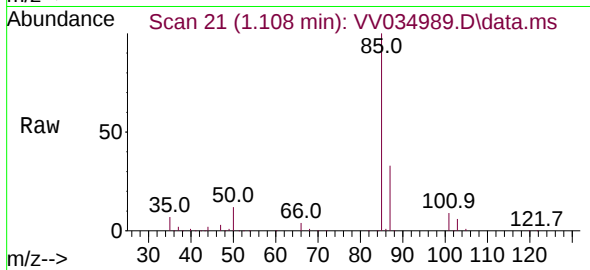
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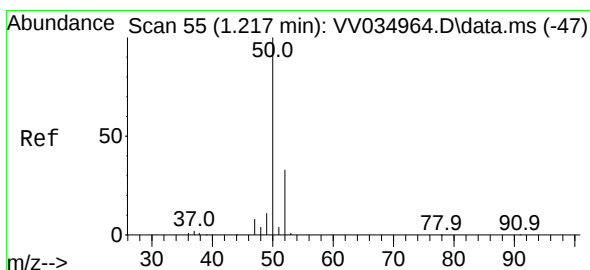
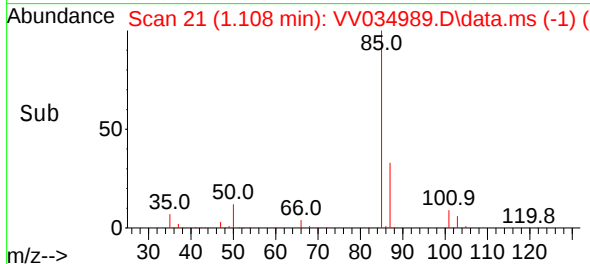
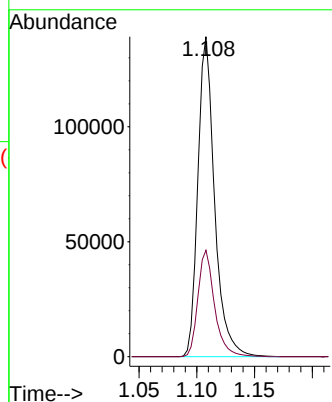


#2
 Dichlorodifluoromethane
 Concen: 45.952 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

Instrument :
 MSVOA_V
 ClientSampleId :

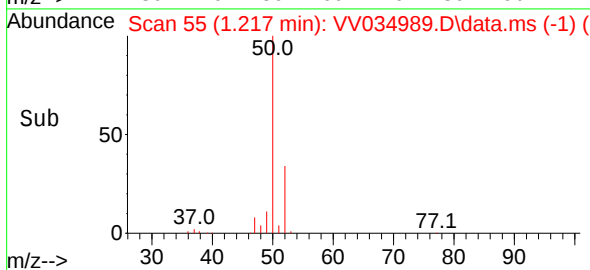
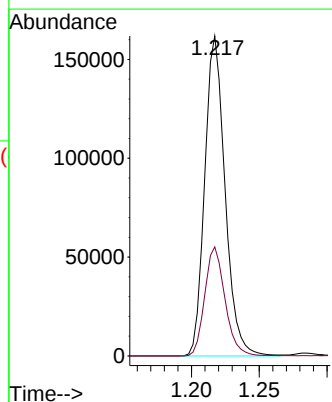
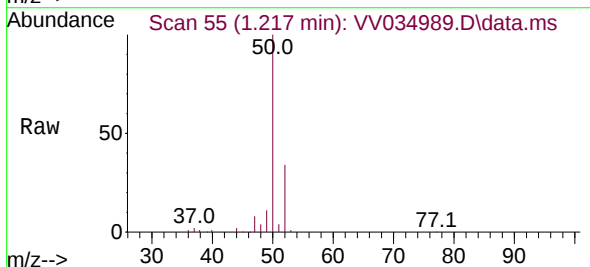


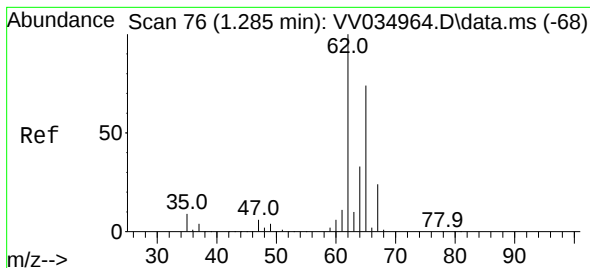
Tgt Ion: 85 Resp: 140256
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.7 38.5



#3
 Chloromethane
 Concen: 43.042 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

Tgt Ion: 50 Resp: 168892
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.0 42.8





#5

Vinyl chloride

Concen: 45.207 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

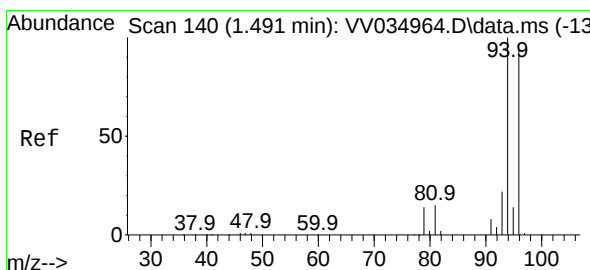
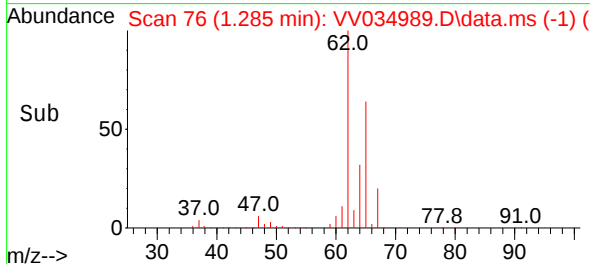
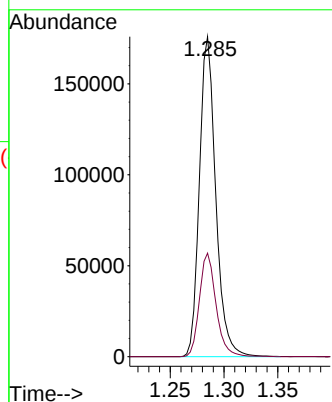
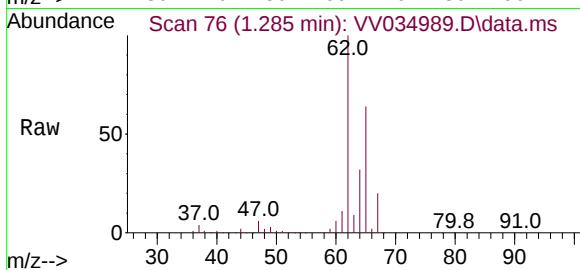
ClientSampleId :

Tgt Ion: 62 Resp: 185964

Ion Ratio Lower Upper

62 100

64 32.4 23.6 43.8



#6

Bromomethane

Concen: 42.044 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034989.D

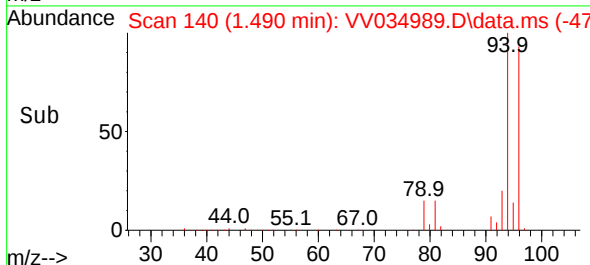
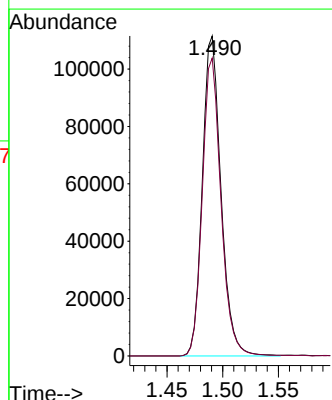
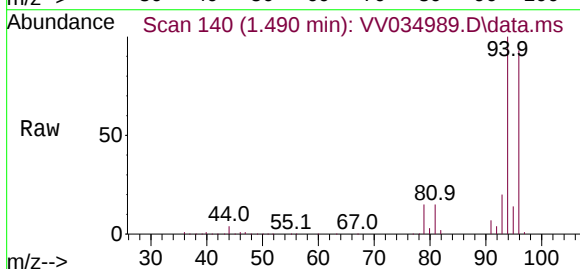
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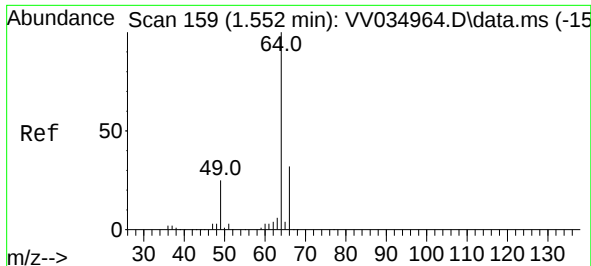
Tgt Ion: 94 Resp: 129643

Ion Ratio Lower Upper

94 100

96 93.1 66.3 123.1

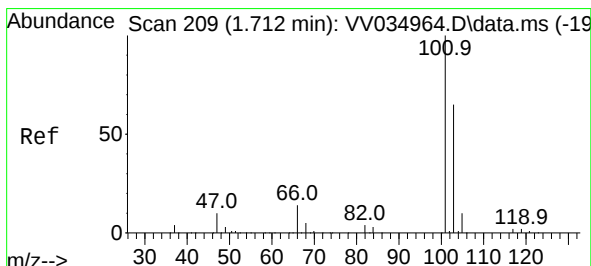
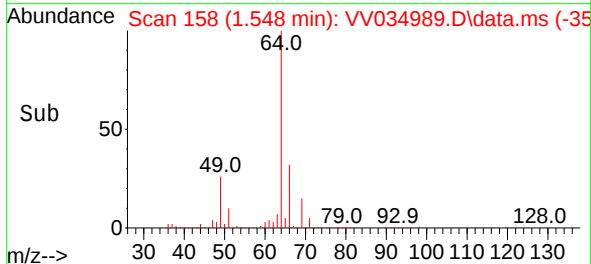
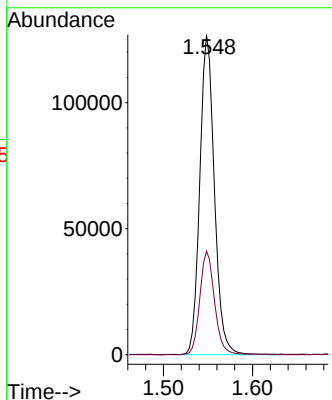
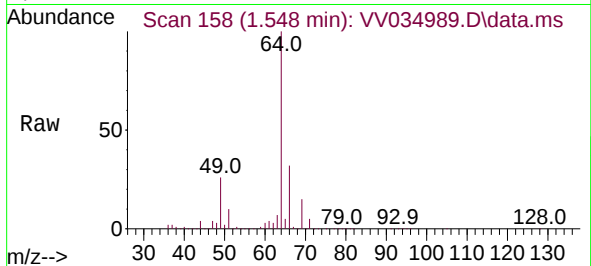




#8
Chloroethane
Concen: 51.319 ug/L
RT: 1.548 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

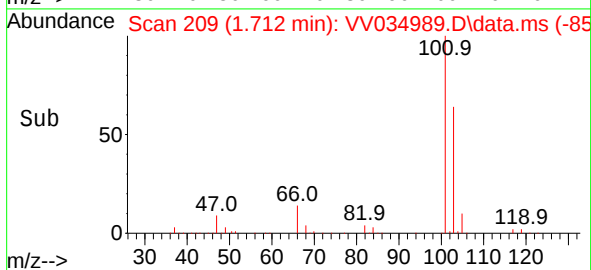
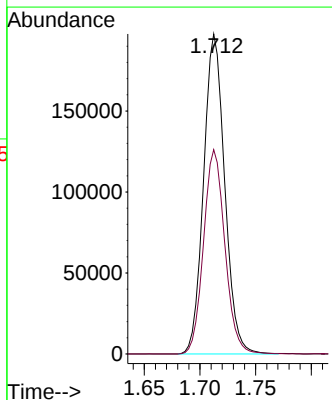
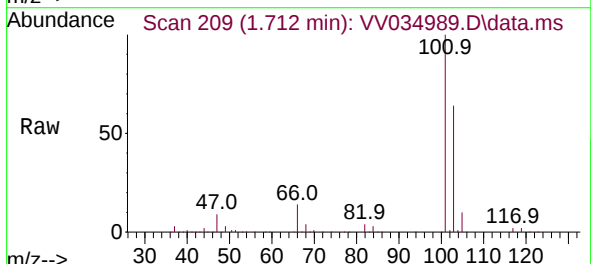
Instrument :
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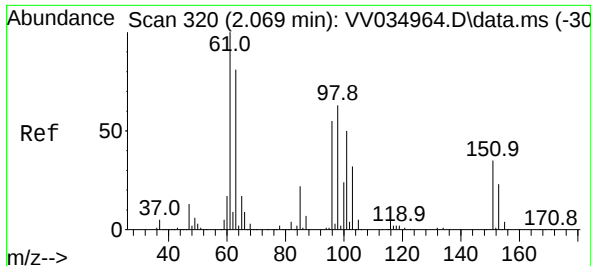
Tgt Ion: 64 Resp: 144180
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.264 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion:101 Resp: 260585
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

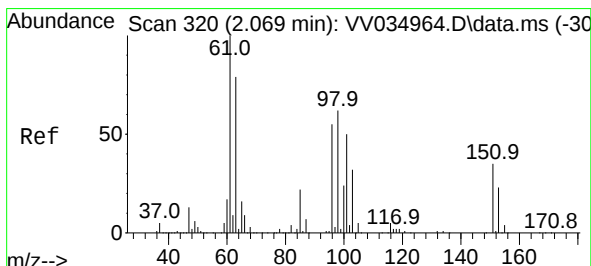
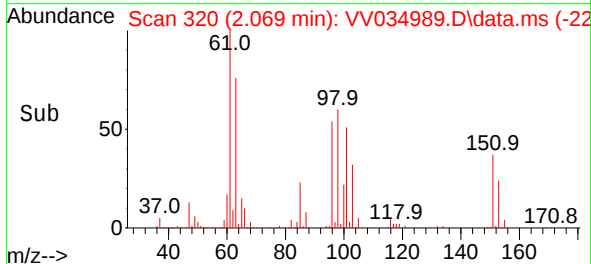
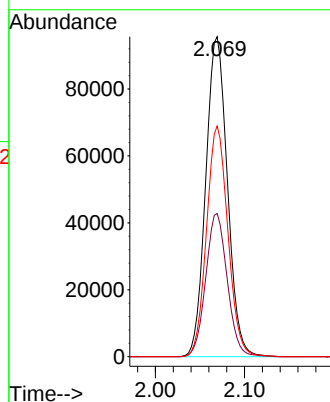
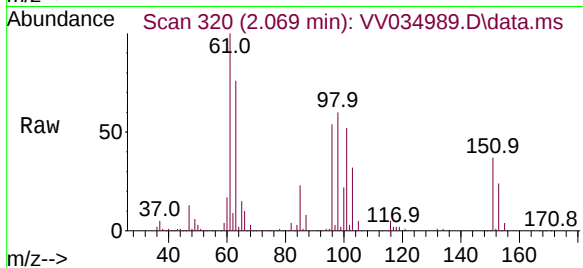




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.854 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

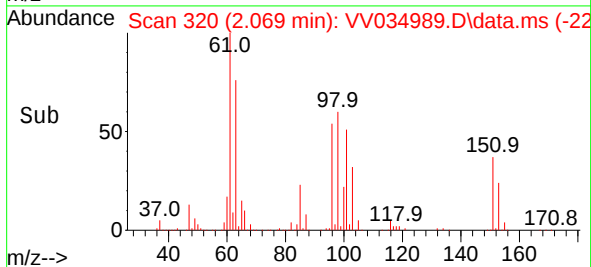
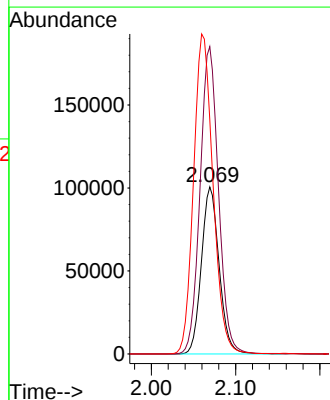
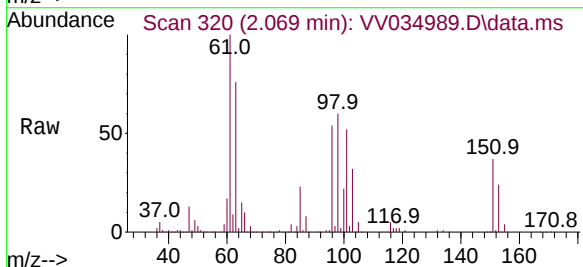
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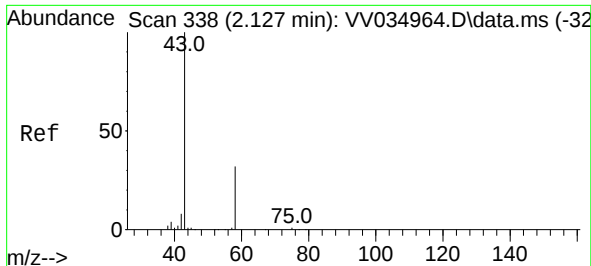
Tgt Ion:101 Resp: 161445
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.3 52.9
 151 71.2 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 46.653 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

Tgt Ion: 96 Resp: 147451
 Ion Ratio Lower Upper
 96 100
 61 184.0 131.5 244.3
 63 140.3 111.4 206.8





#13

Acetone

Concen: 94.300 ug/L

RT: 2.124 min Scan# 338

Delta R.T. -0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

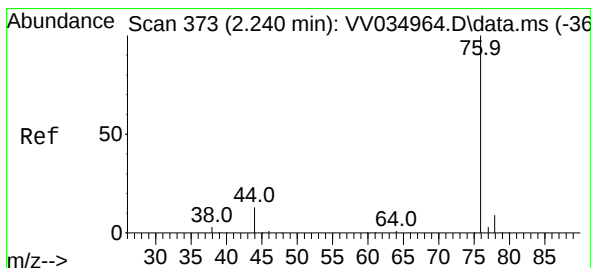
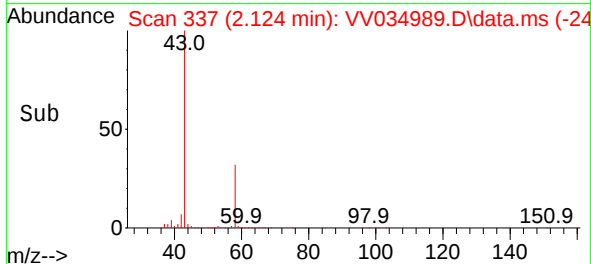
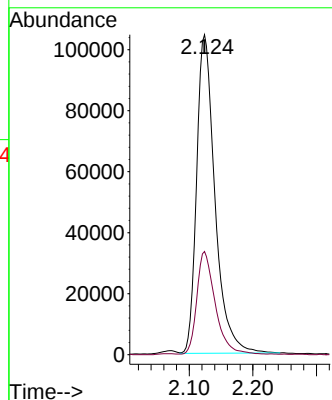
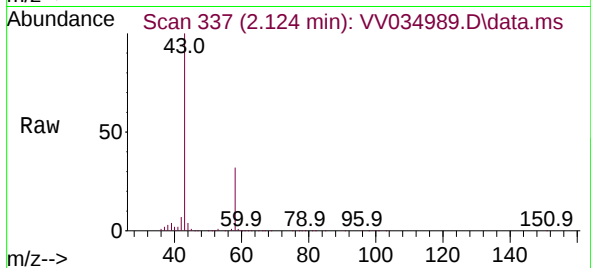
ClientSampleId :

Tgt Ion: 43 Resp: 208828

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#14

Carbon disulfide

Concen: 42.606 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034989.D

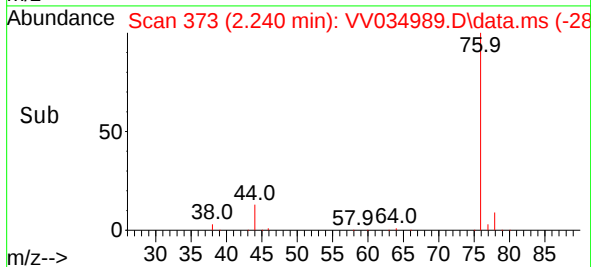
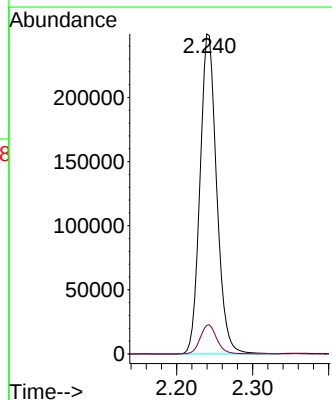
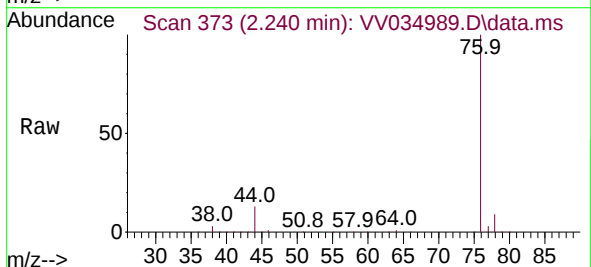
Acq: 04 Apr 2024 19:32

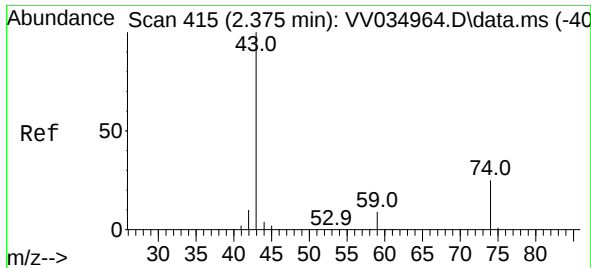
Tgt Ion: 76 Resp: 379213

Ion Ratio Lower Upper

76 100

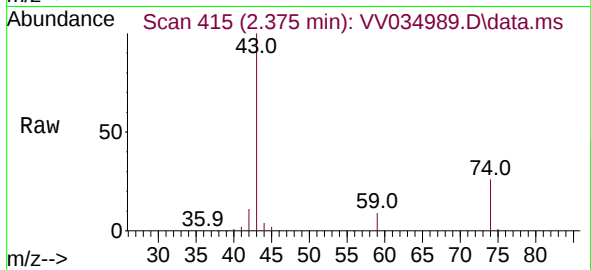
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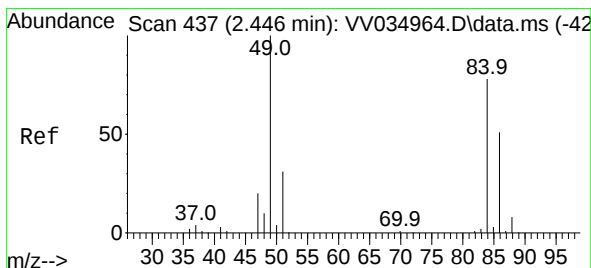
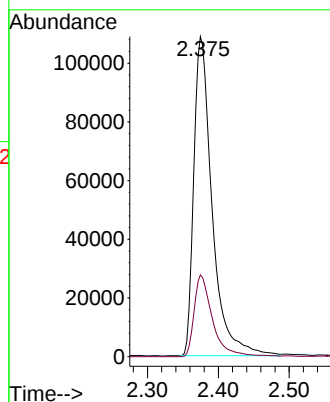
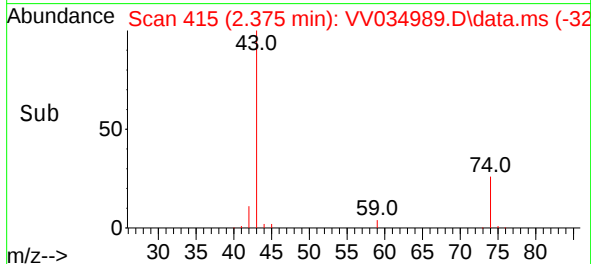


#15
Methyl Acetate
Concen: 56.160 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

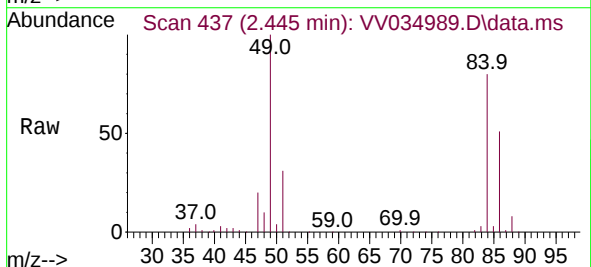
Instrument :
MSVOA_V
ClientSampleId :



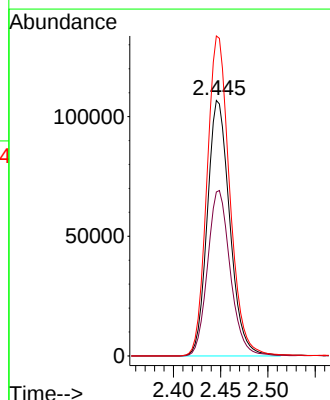
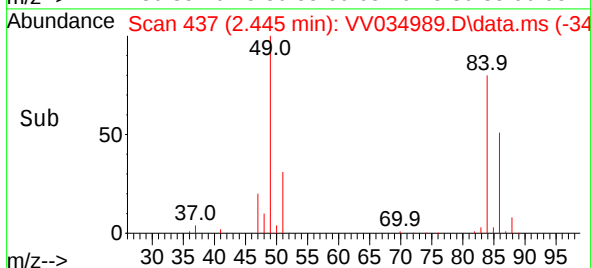
Tgt Ion: 43 Resp: 195985
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.8

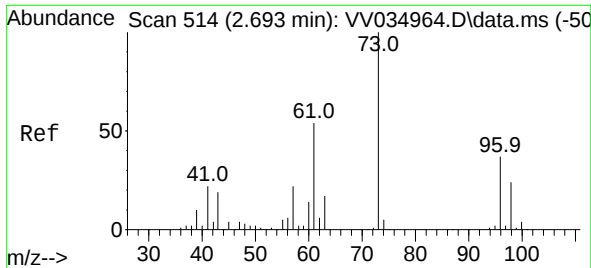


#16
Methylene chloride
Concen: 51.597 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32



Tgt Ion: 84 Resp: 176702
Ion Ratio Lower Upper
84 100
86 64.2 44.6 82.8
49 125.2 86.9 161.3

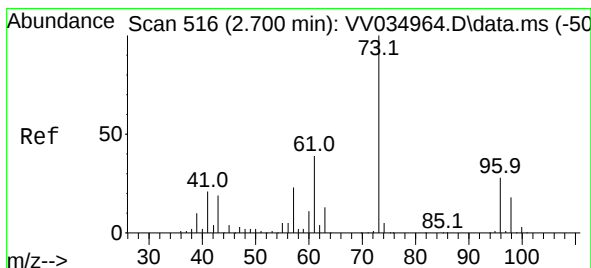
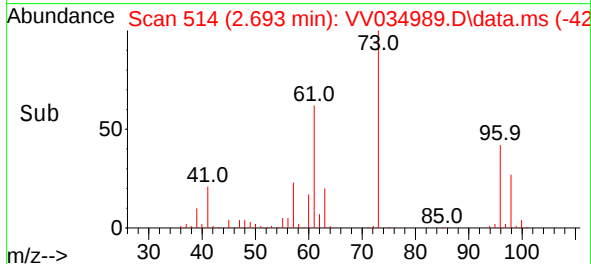
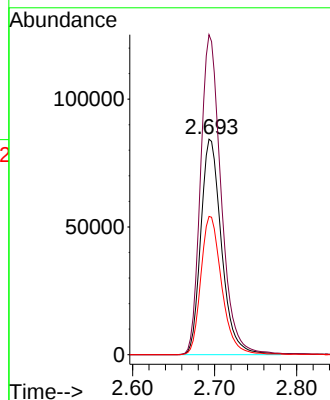
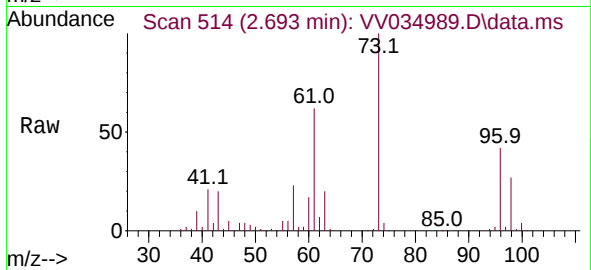




#17
trans-1,2-Dichloroethene
Concen: 48.470 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

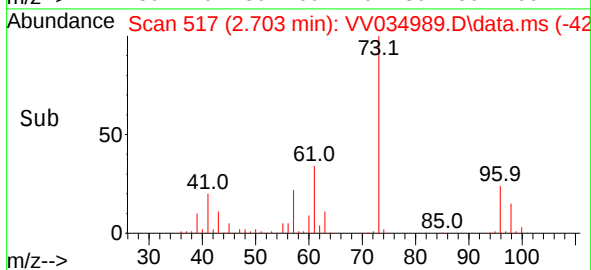
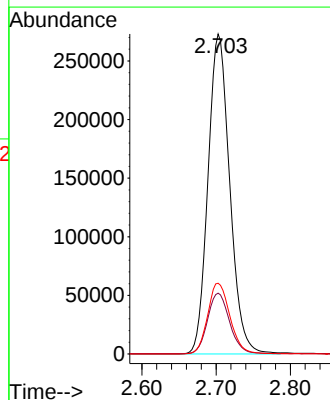
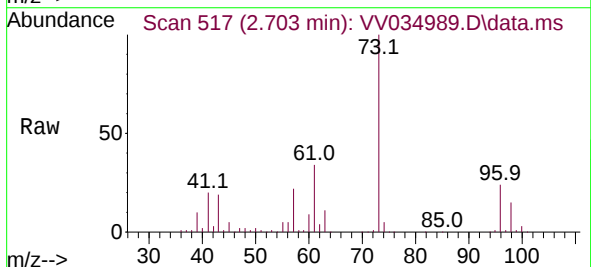
Instrument :
MSVOA_V
ClientSampleId :

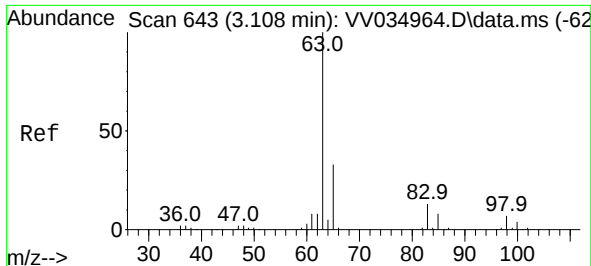
Tgt Ion: 96 Resp: 148110
Ion Ratio Lower Upper
96 100
61 148.4 99.0 183.8
98 64.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 51.720 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion: 73 Resp: 555113
Ion Ratio Lower Upper
73 100
43 19.1 14.6 21.8
57 22.7 17.6 26.4

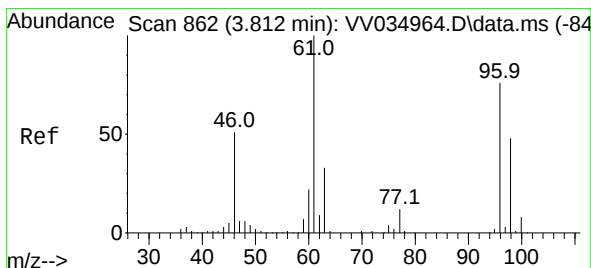
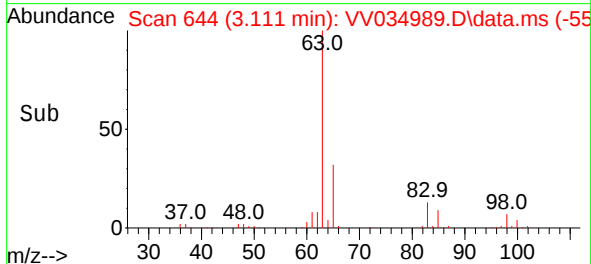
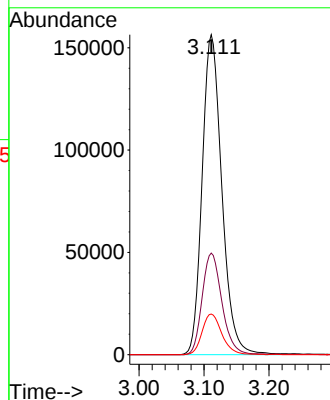
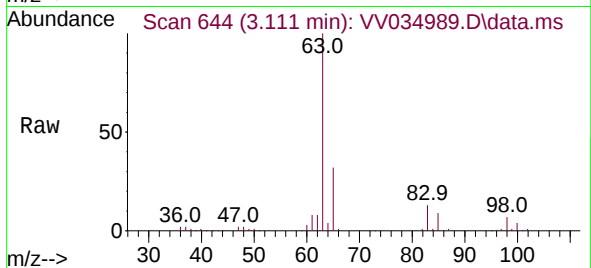




#19
1,1-Dichloroethane
Concen: 52.732 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

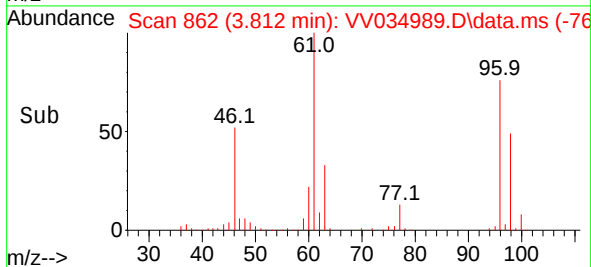
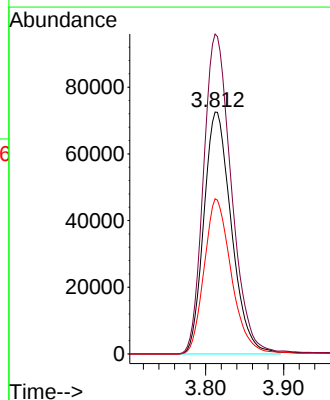
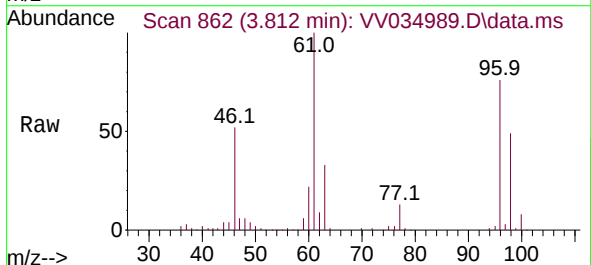
Instrument :
MSVOA_V
ClientSampleId :

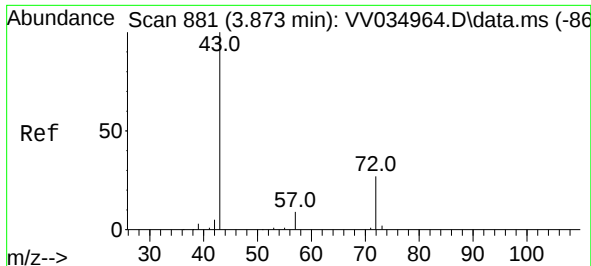
Tgt Ion: 63 Resp: 330438
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.6
83 12.7 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.356 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion: 96 Resp: 178201
Ion Ratio Lower Upper
96 100
61 132.3 94.9 176.3
98 64.2 45.6 84.8

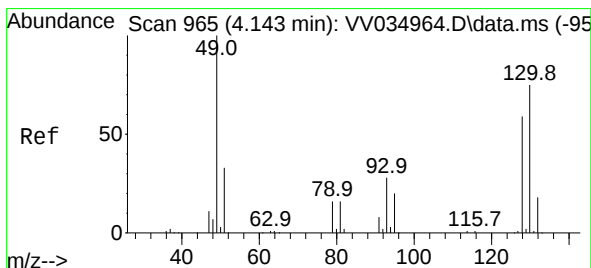
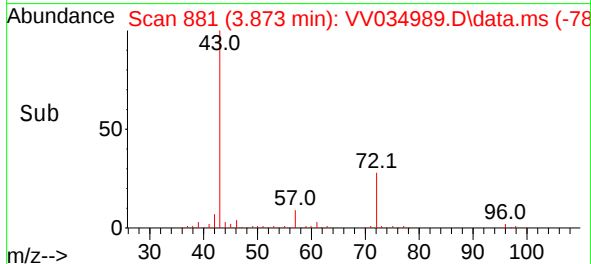
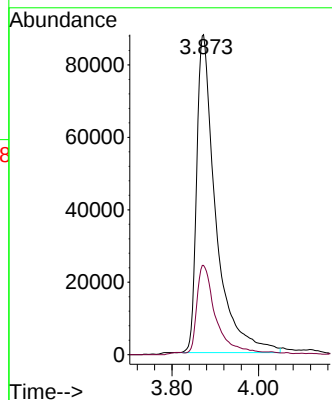
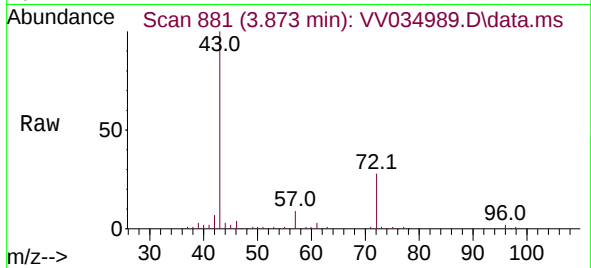




#22
2-Butanone
Concen: 104.629 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

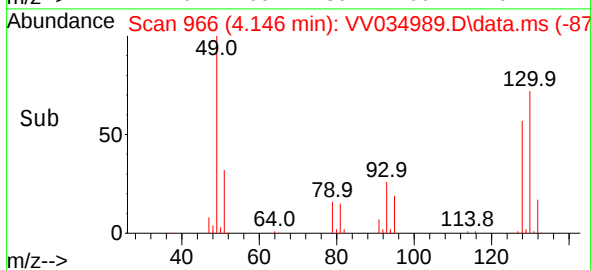
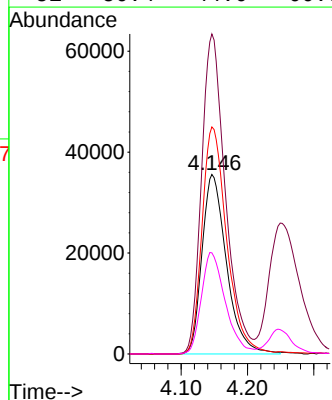
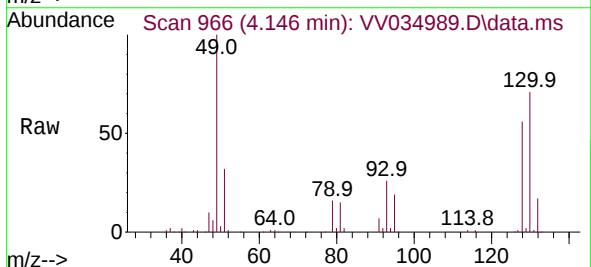
Instrument :
MSVOA_V
ClientSampleId :

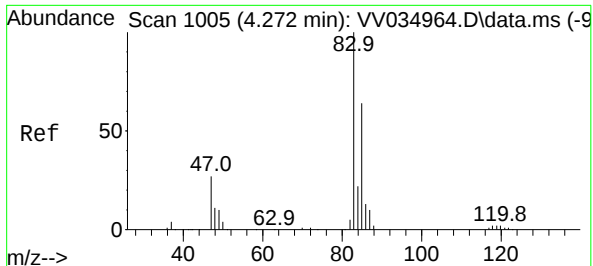
Tgt Ion: 43 Resp: 268863
Ion Ratio Lower Upper
43 100
72 25.8 13.2 39.6



#23
Bromochloromethane
Concen: 52.570 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion:128 Resp: 91266
Ion Ratio Lower Upper
128 100
49 178.3 123.8 229.8
130 126.5 93.2 173.0
51 56.4 44.0 66.0





#25

Chloroform

Concen: 53.279 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

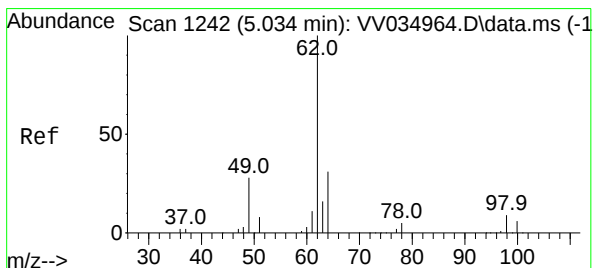
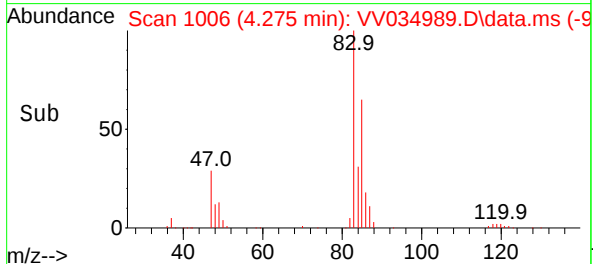
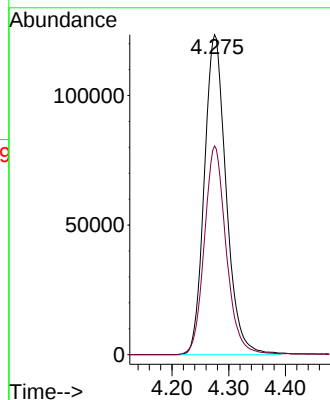
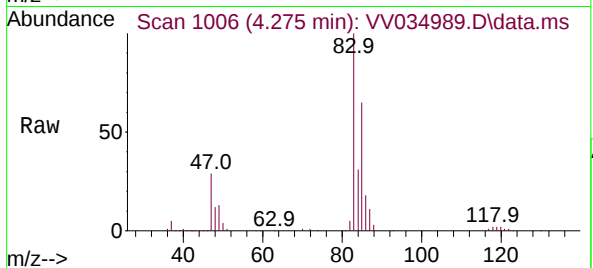
ClientSampleId :

Tgt Ion: 83 Resp: 330083

Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 52.757 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VV034989.D

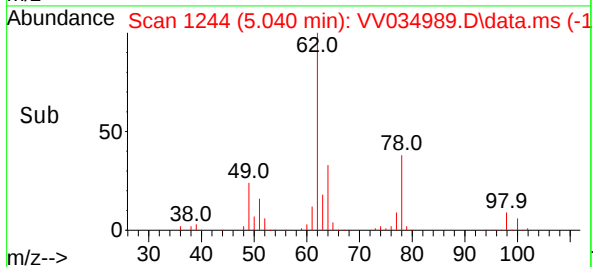
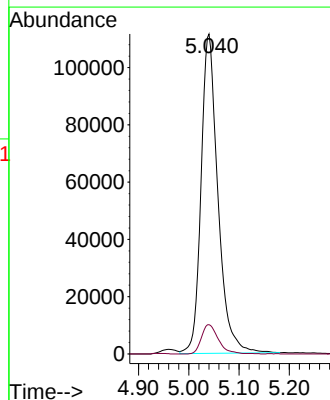
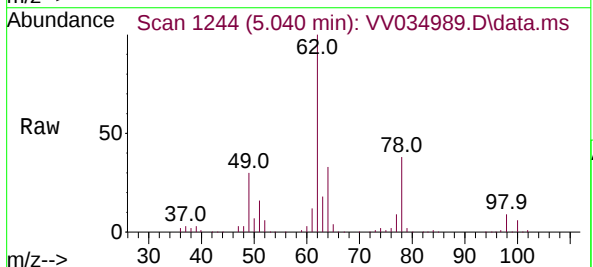
Acq: 04 Apr 2024 19:32

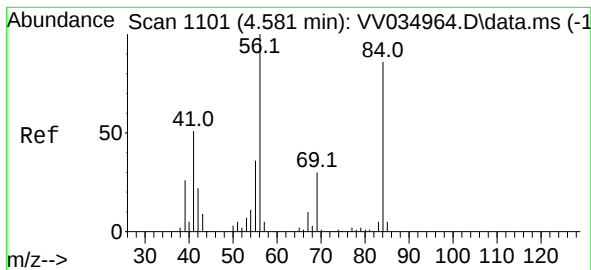
Tgt Ion: 62 Resp: 260232

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 49.260 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

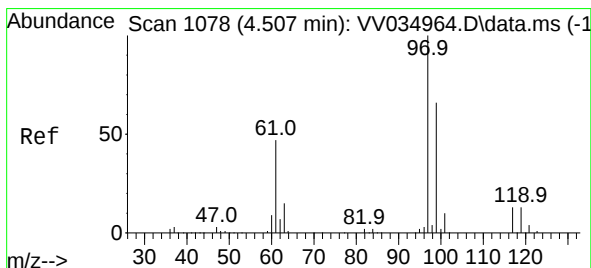
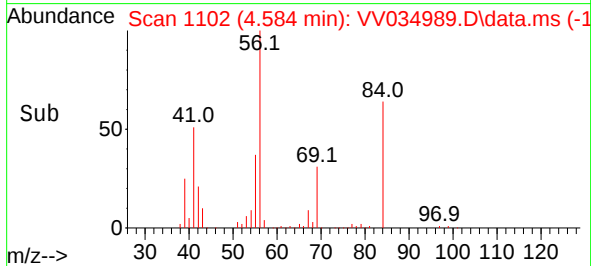
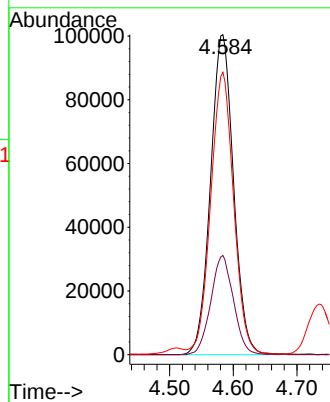
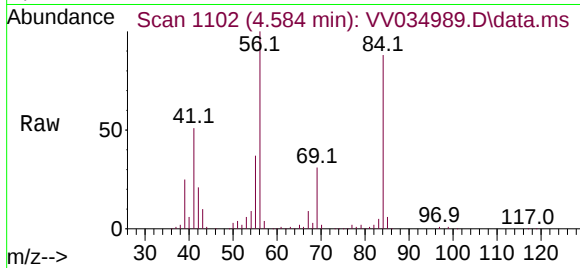
Tgt Ion: 56 Resp: 252312

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 87.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 51.499 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

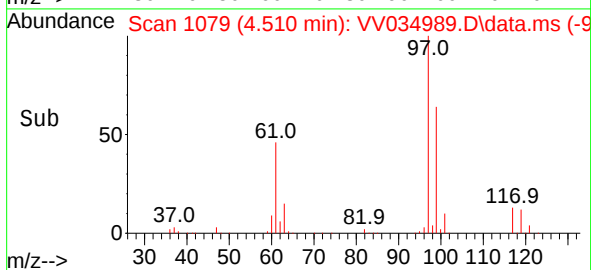
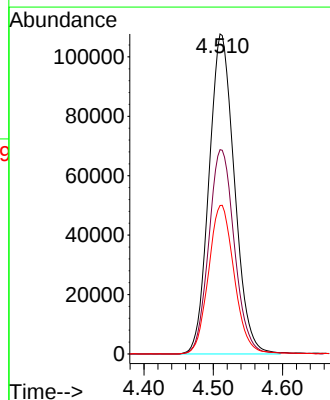
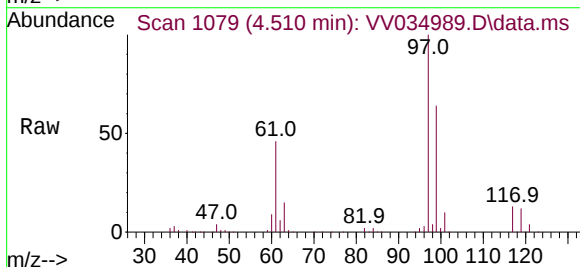
Tgt Ion: 97 Resp: 274524

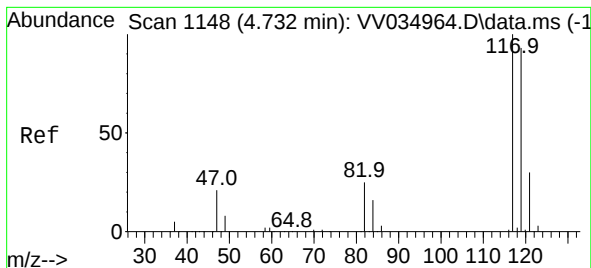
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 47.0 36.8 55.2





#31

Carbon tetrachloride

Concen: 51.478 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

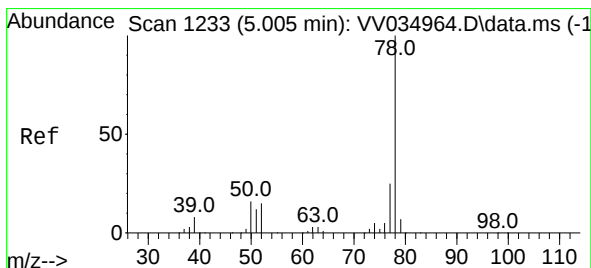
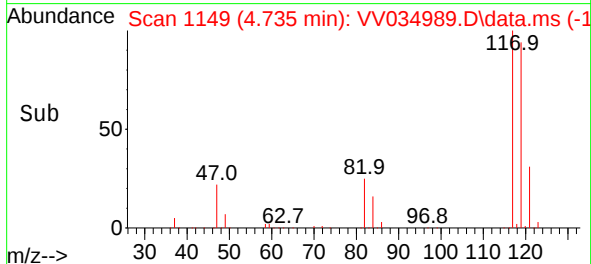
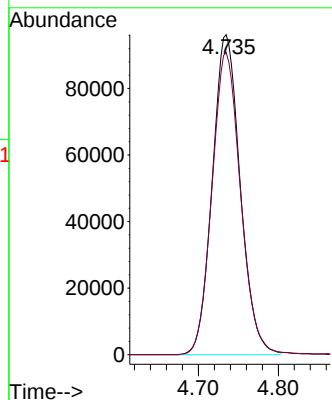
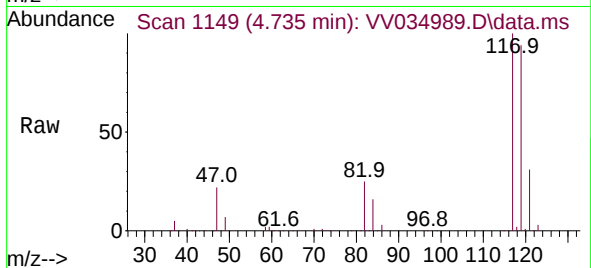
ClientSampleId :

Tgt Ion:117 Resp: 232585

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7



#33

Benzene

Concen: 50.891 ug/L

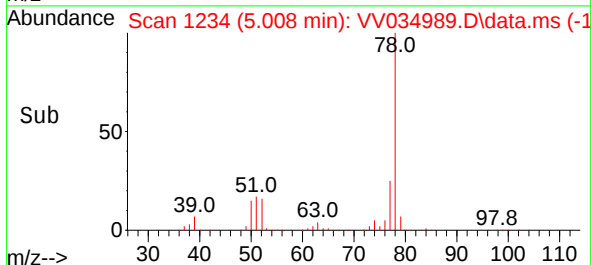
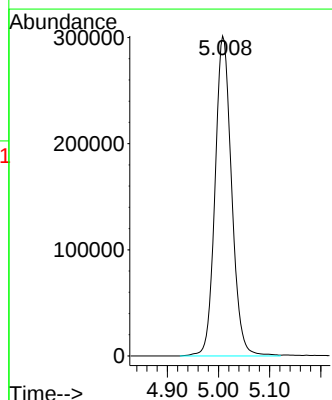
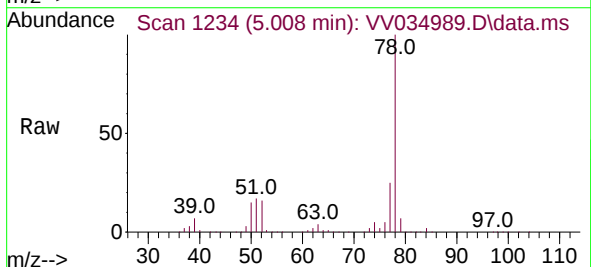
RT: 5.008 min Scan# 1234

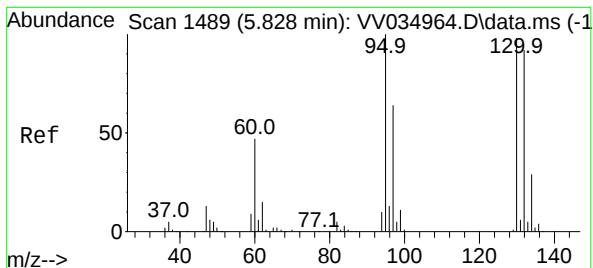
Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Tgt Ion: 78 Resp: 678650





#34

Trichloroethene

Concen: 49.799 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 179221

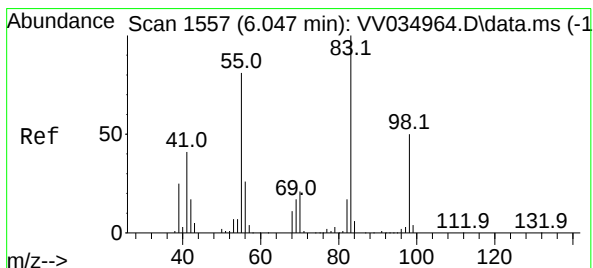
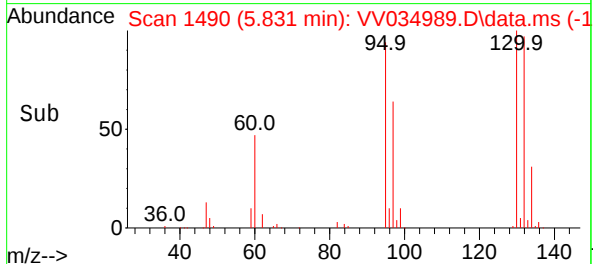
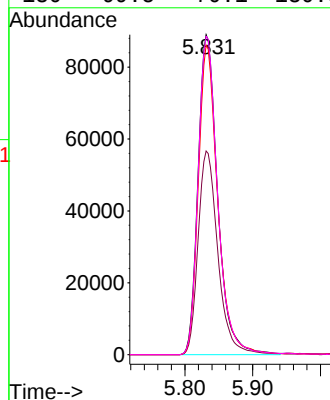
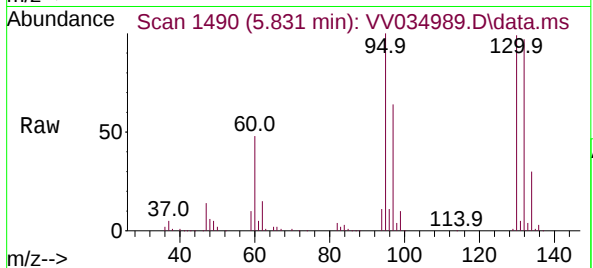
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 96.8 65.3 121.3

130 99.5 70.1 130.3



#35

Methylcyclohexane

Concen: 48.853 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

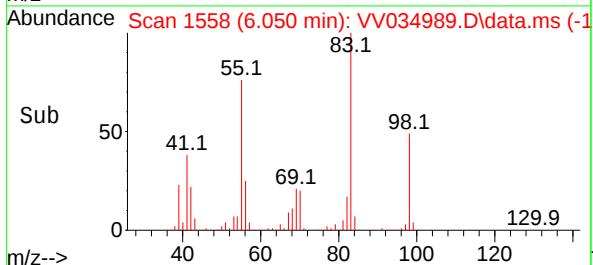
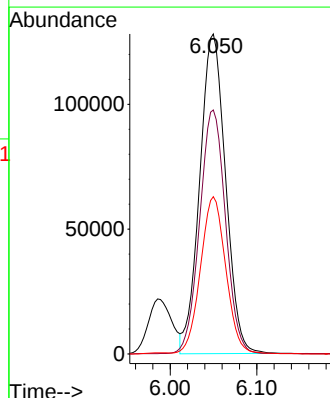
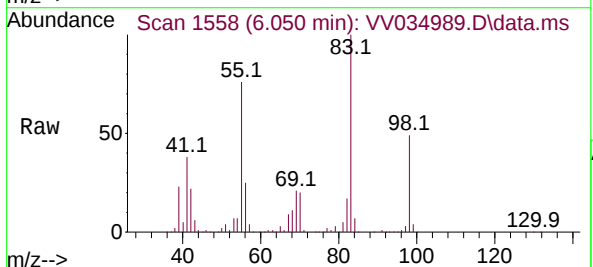
Tgt Ion: 83 Resp: 265525

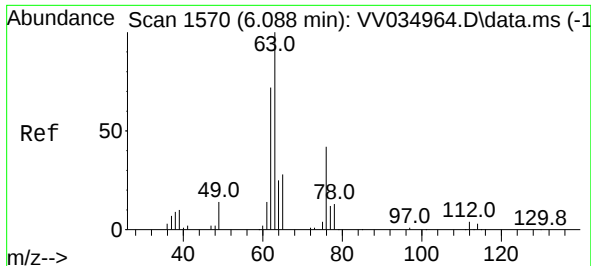
Ion Ratio Lower Upper

83 100

55 76.3 60.0 90.0

98 48.2 37.6 56.4





#37

1,2-Dichloropropane

Concen: 53.679 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

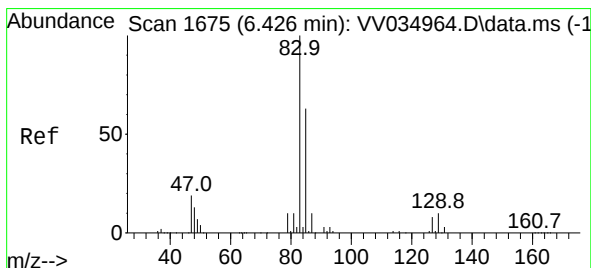
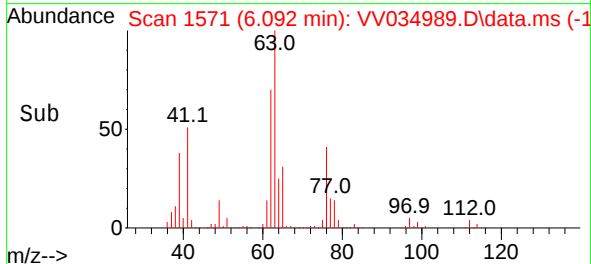
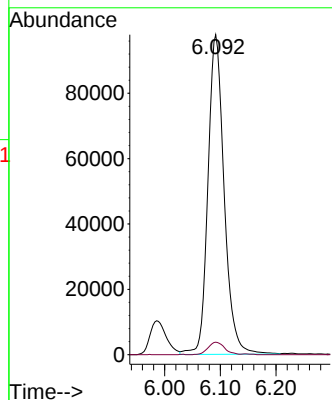
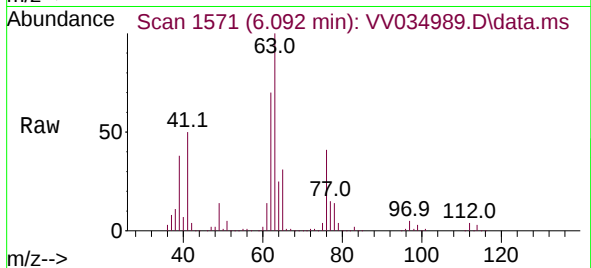
ClientSampleId :

Tgt Ion: 63 Resp: 197822

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 52.073 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

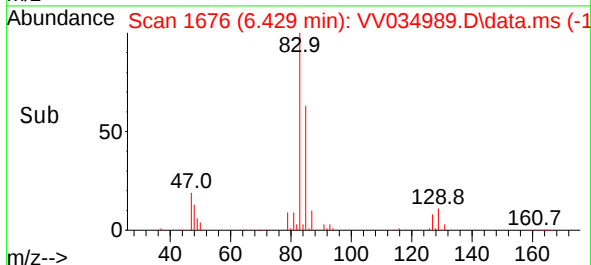
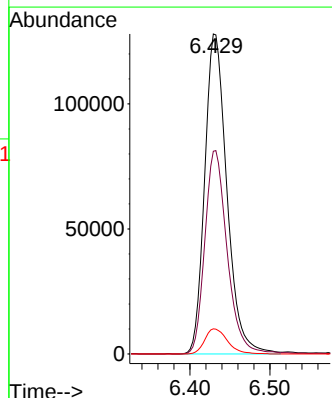
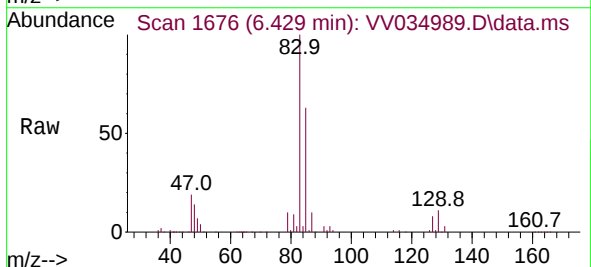
Tgt Ion: 83 Resp: 247598

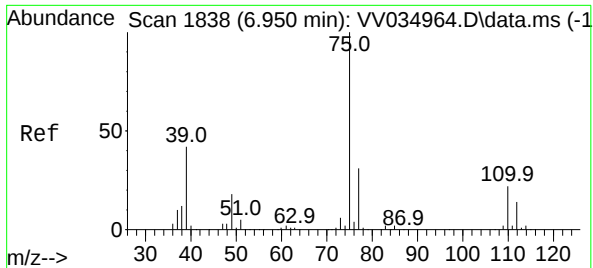
Ion Ratio Lower Upper

83 100

85 63.3 43.7 81.1

127 7.9 6.4 9.6

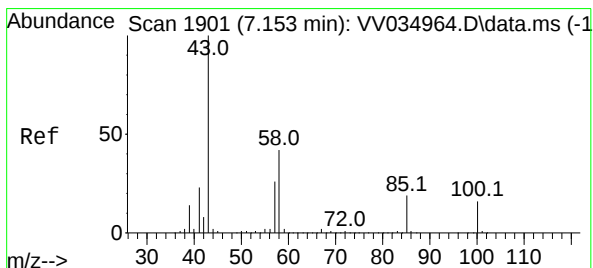
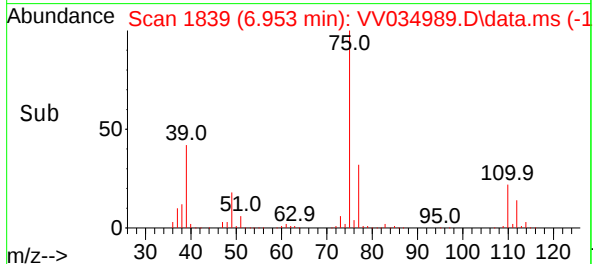
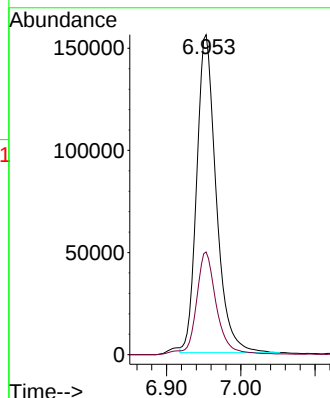
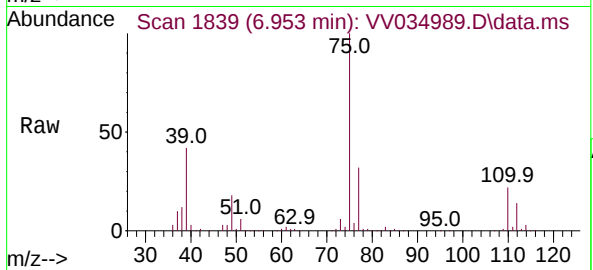




#39
 cis-1,3-Dichloropropene
 Concen: 48.867 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

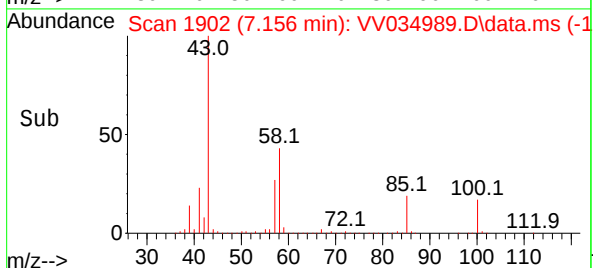
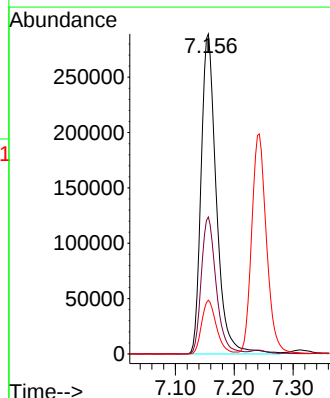
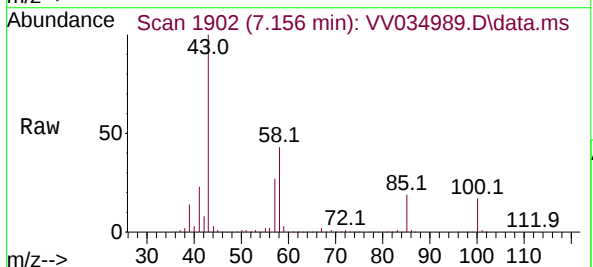
Instrument :
 MSVOA_V
 ClientSampleId :

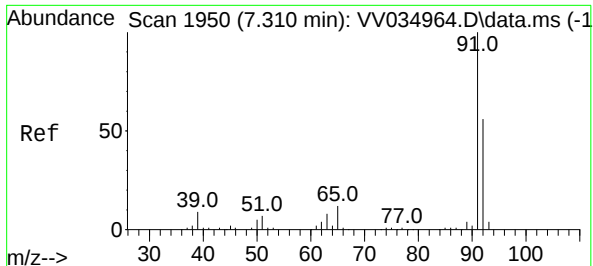
Tgt Ion: 75 Resp: 283695
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 110.930 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV034989.D
 Acq: 04 Apr 2024 19:32

Tgt Ion: 43 Resp: 521945
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.8 50.8
 100 16.2 13.0 19.4





#42

Toluene

Concen: 51.700 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

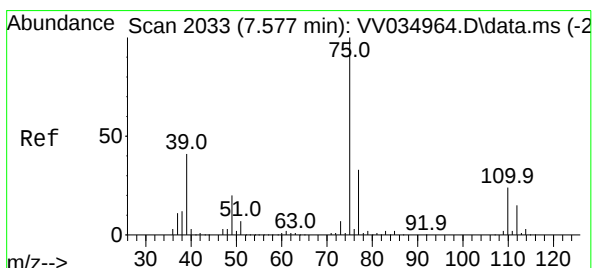
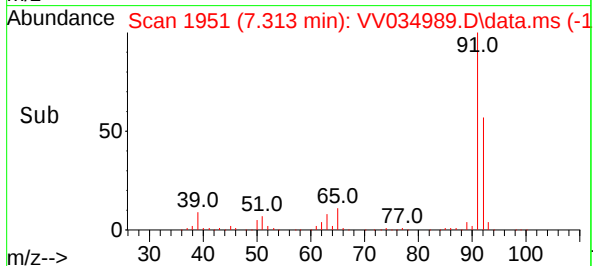
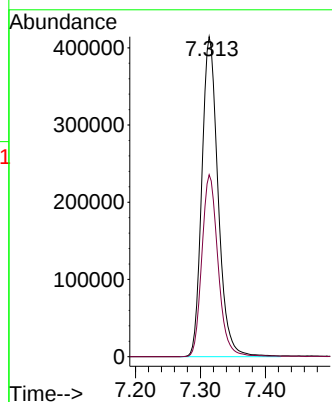
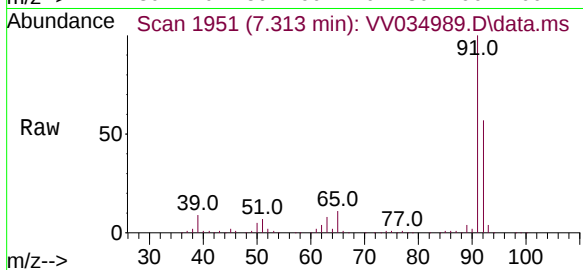
ClientSampleId :

Tgt Ion: 91 Resp: 721795

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 51.801 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034989.D

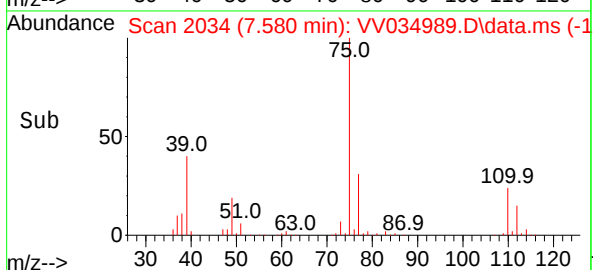
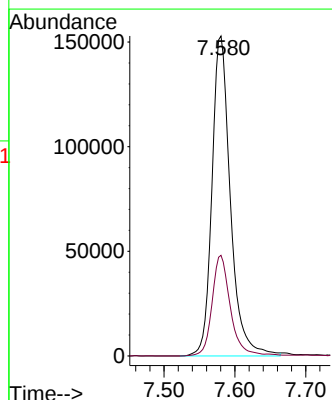
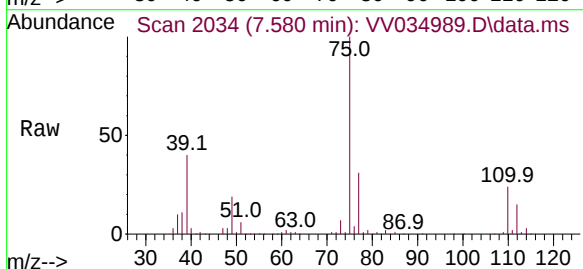
Acq: 04 Apr 2024 19:32

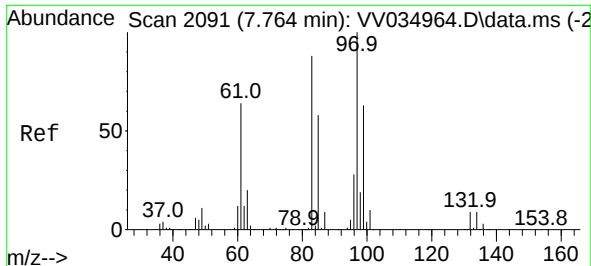
Tgt Ion: 75 Resp: 276281

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



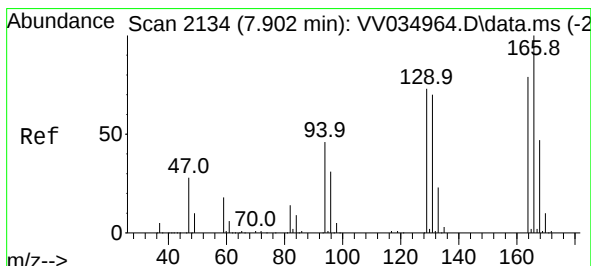
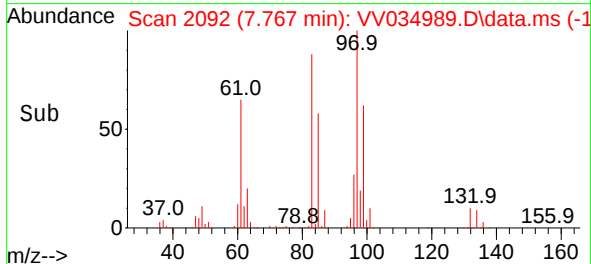
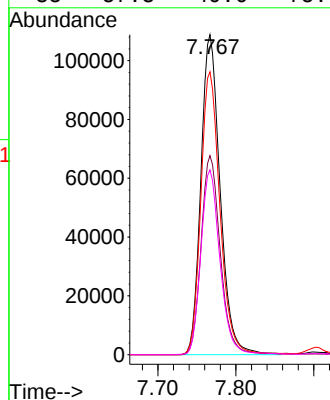
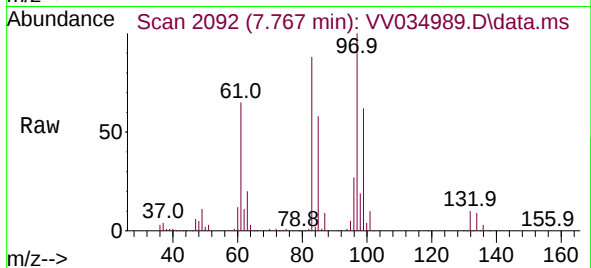


#45
1,1,2-Trichloroethane
Concen: 53.756 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 186723

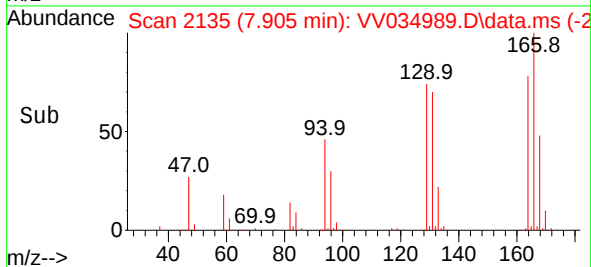
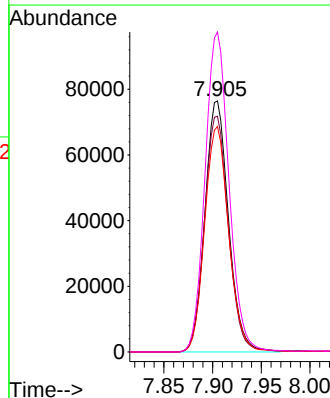
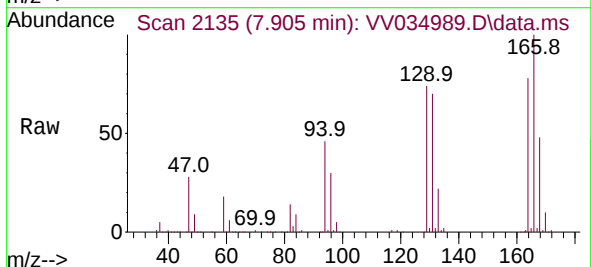
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	88.4	61.6	114.4
85	57.8	40.6	75.4

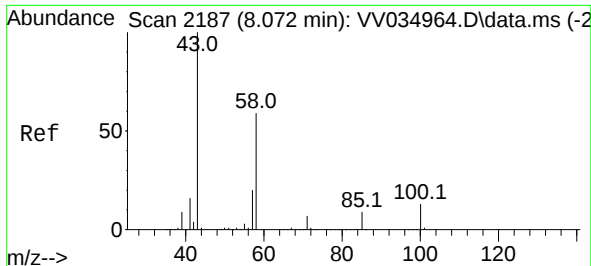


#46
Tetrachloroethene
Concen: 51.297 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion: 164 Resp: 128977

Ion	Ratio	Lower	Upper
164	100		
129	93.9	68.6	127.4
131	89.8	65.7	122.1
166	127.4	89.0	165.2

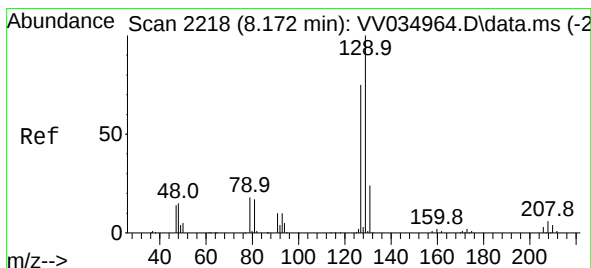
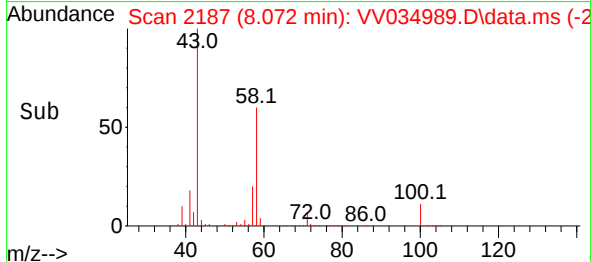
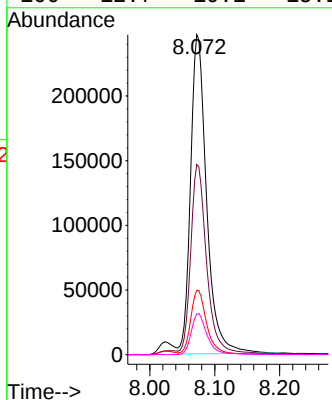
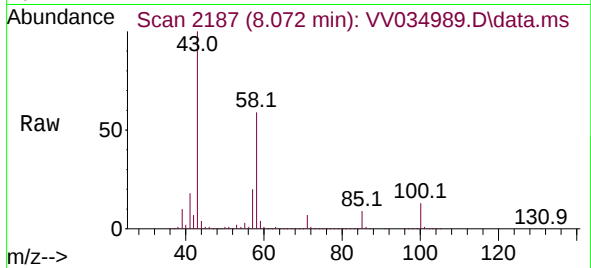




#48
2-Hexanone
Concen: 106.190 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

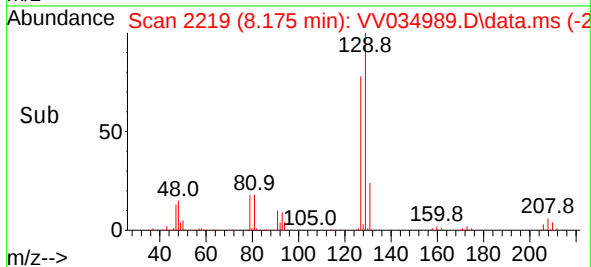
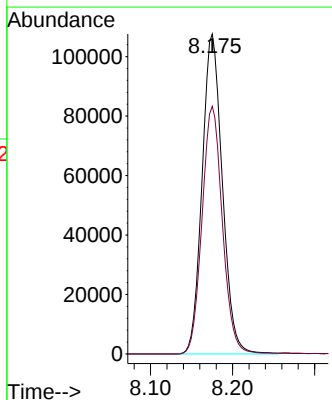
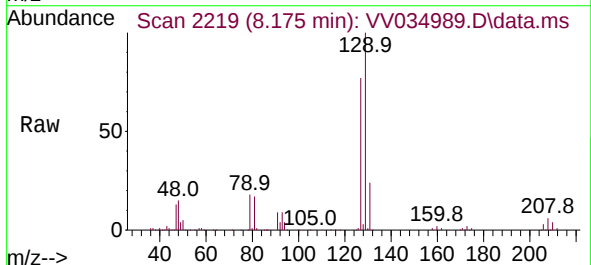
Instrument :
MSVOA_V
ClientSampleId :

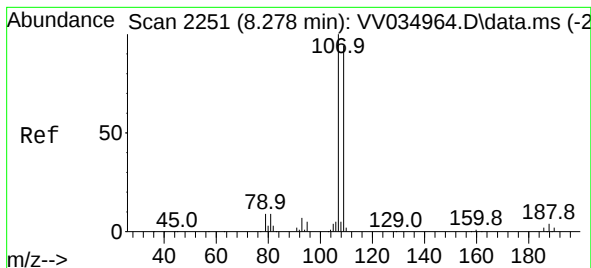
Tgt Ion: 43 Resp: 424952
Ion Ratio Lower Upper
43 100
58 58.6 45.4 68.2
57 19.7 16.2 24.4
100 12.7 10.1 15.1



#49
Dibromochloromethane
Concen: 53.636 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion:129 Resp: 184521
Ion Ratio Lower Upper
129 100
127 77.4 54.1 100.5





#50

1,2-Dibromoethane

Concen: 52.175 ug/L

RT: 8.281 min Scan# 2417

Delta R.T. 0.003 min

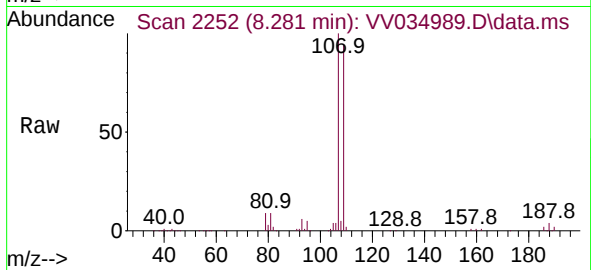
Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



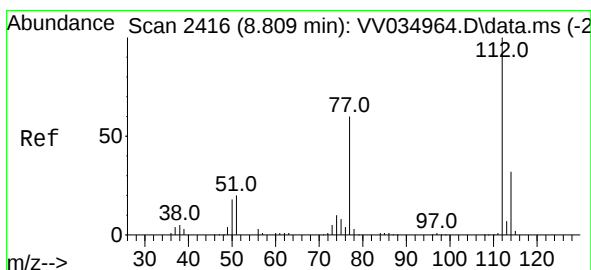
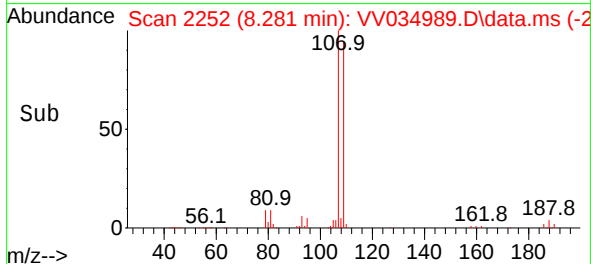
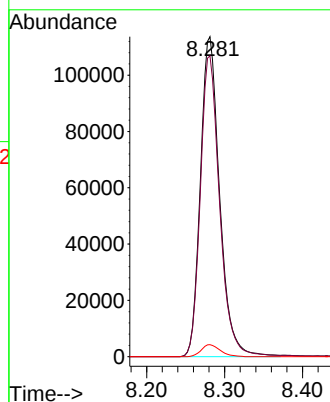
Tgt Ion:107 Resp: 195113

Ion Ratio Lower Upper

107 100

109 94.0 64.5 119.9

188 3.7 2.8 4.2



#51

Chlorobenzene

Concen: 51.849 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

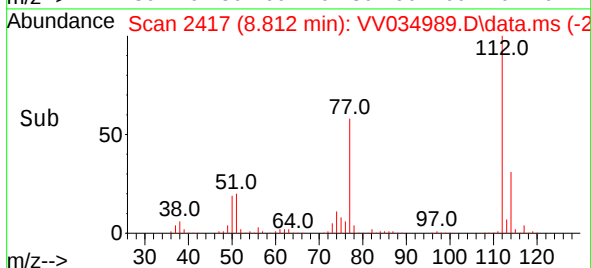
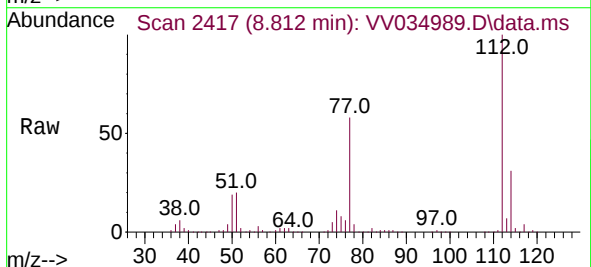
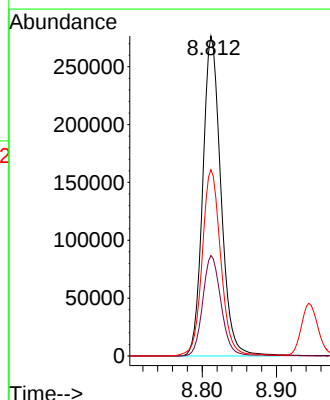
Tgt Ion:112 Resp: 469159

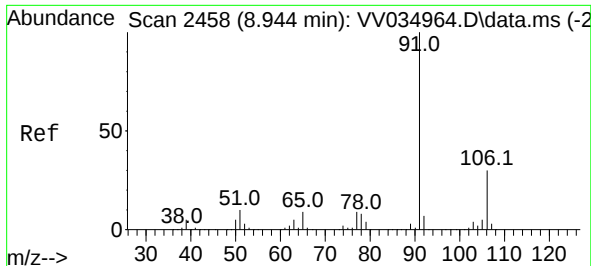
Ion Ratio Lower Upper

112 100

114 31.4 22.0 41.0

77 58.2 47.4 71.2

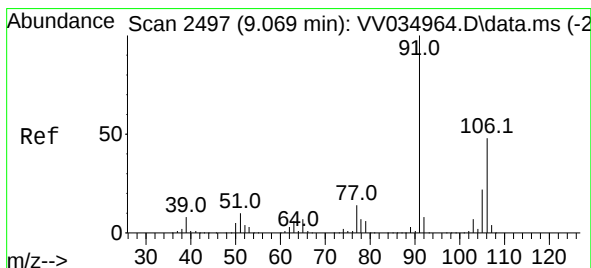
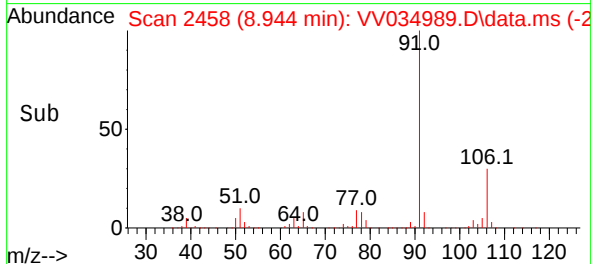
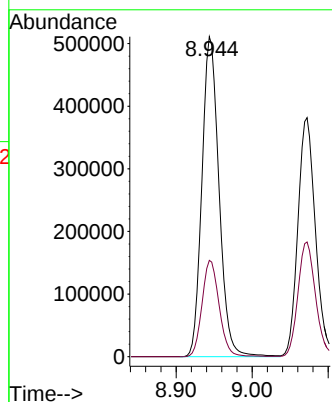
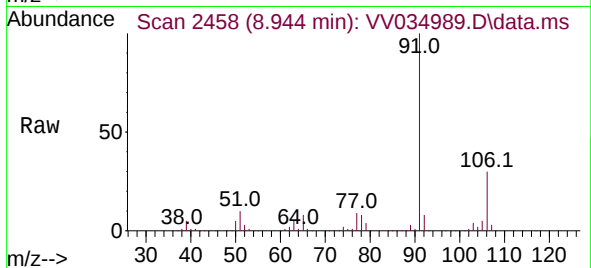




#52
Ethylbenzene
Concen: 51.573 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

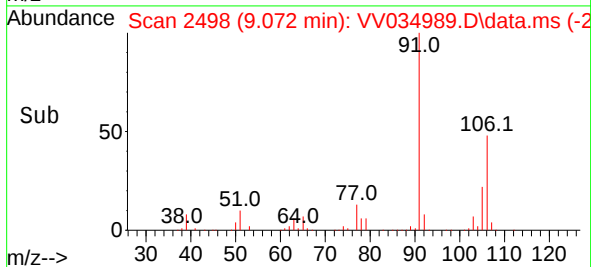
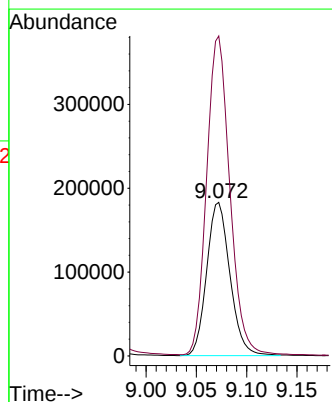
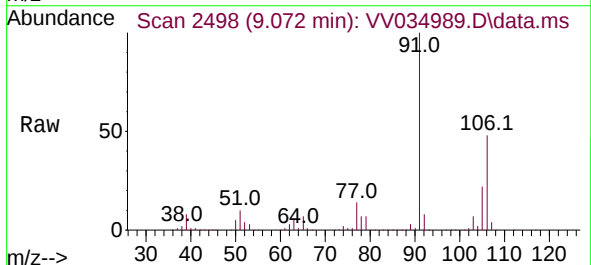
Instrument :
MSVOA_V
ClientSampleId :

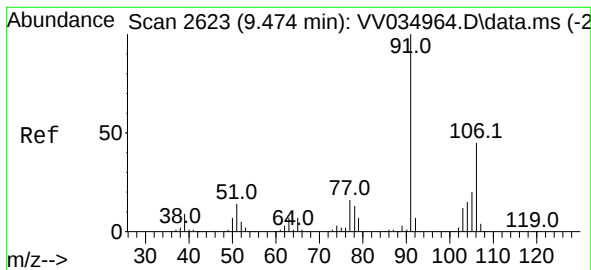
Tgt Ion: 91 Resp: 797984
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 51.618 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion: 106 Resp: 294125
Ion Ratio Lower Upper
106 100
91 208.4 144.8 269.0





#54

o-Xylene

Concen: 51.694 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

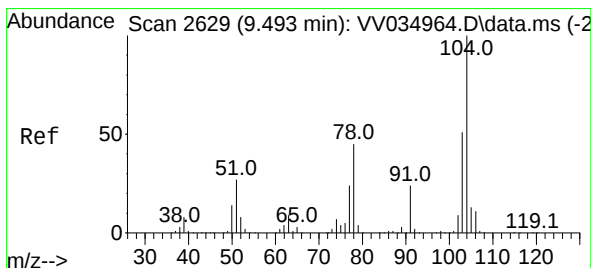
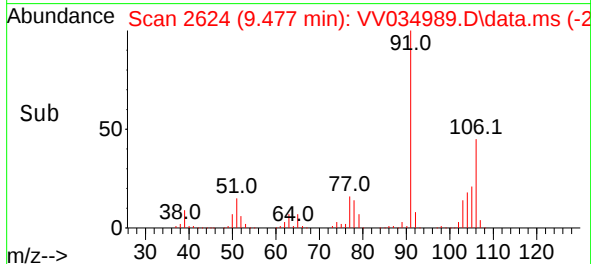
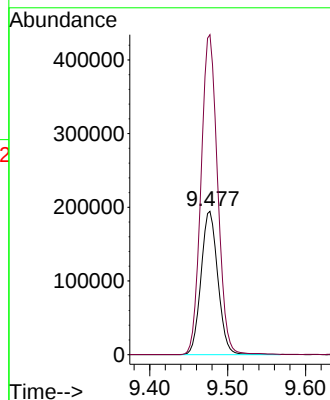
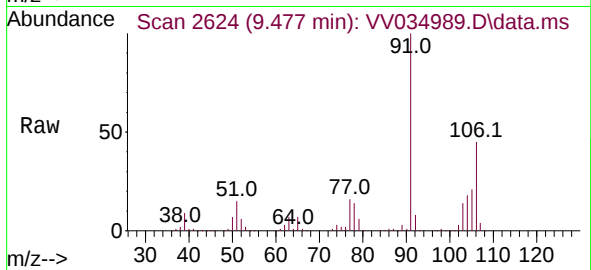
ClientSampleId :

Tgt Ion:106 Resp: 291451

Ion Ratio Lower Upper

106 100

91 223.2 151.3 280.9



#55

Styrene

Concen: 53.629 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV034989.D

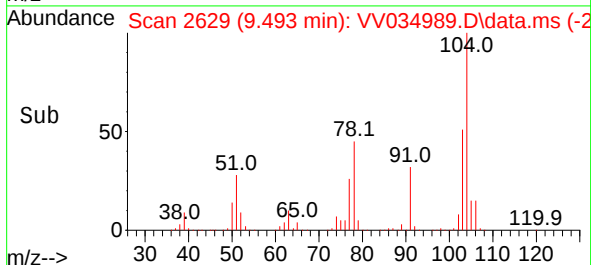
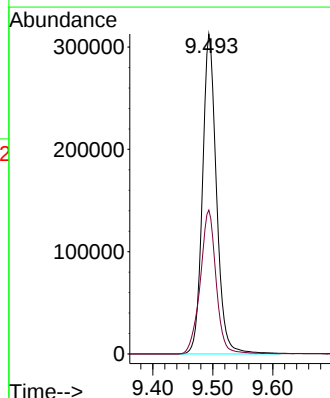
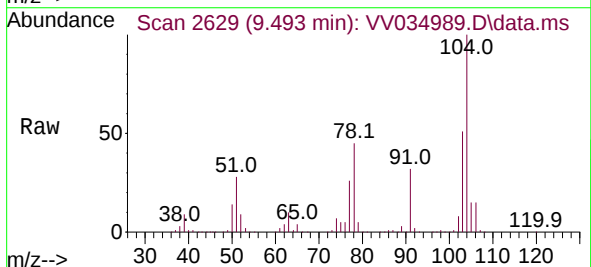
Acq: 04 Apr 2024 19:32

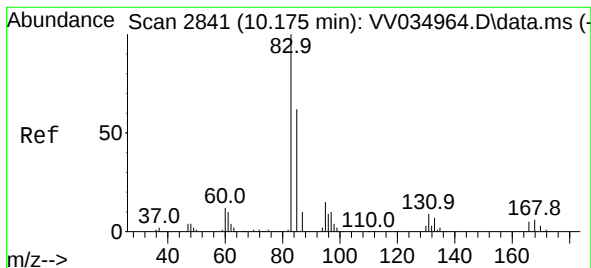
Tgt Ion:104 Resp: 510950

Ion Ratio Lower Upper

104 100

78 44.9 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.060 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

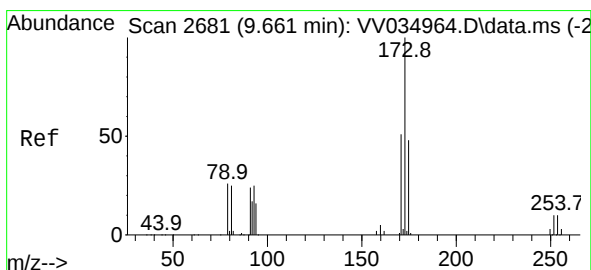
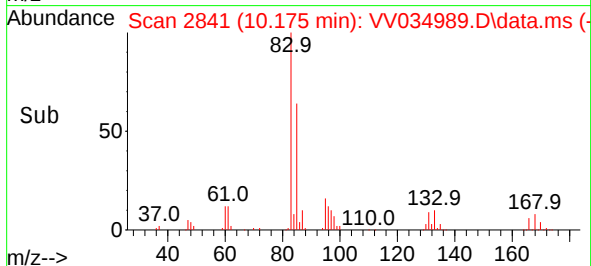
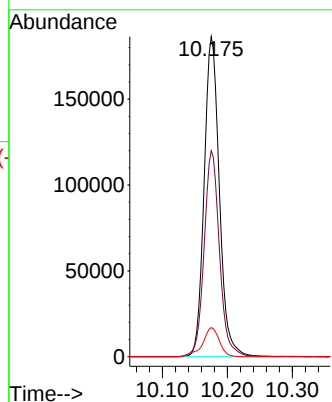
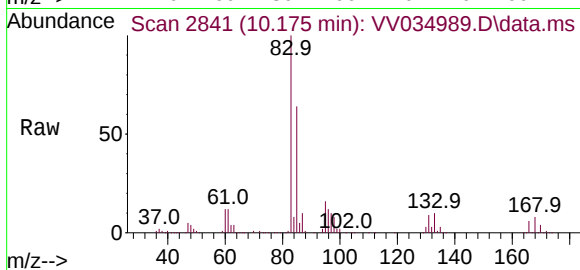
Tgt Ion: 83 Resp: 304241

Ion Ratio Lower Upper

83 100

85 64.4 44.5 82.7

131 9.1 6.9 10.3



#59

Bromoform

Concen: 55.703 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

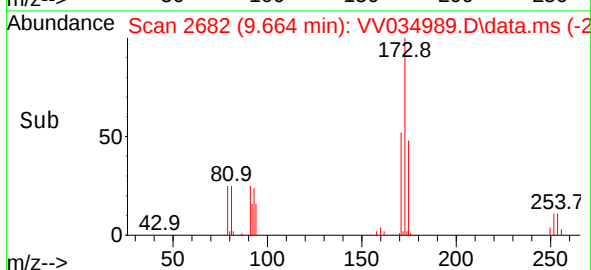
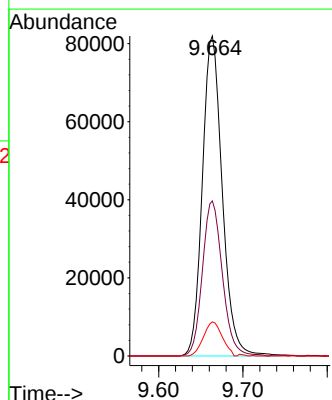
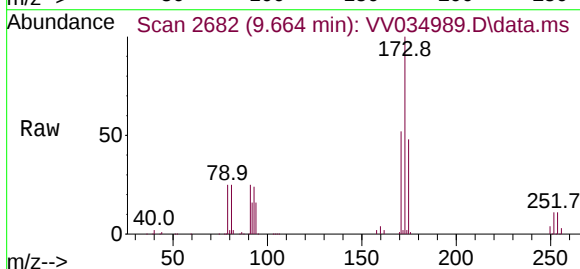
Tgt Ion: 173 Resp: 134724

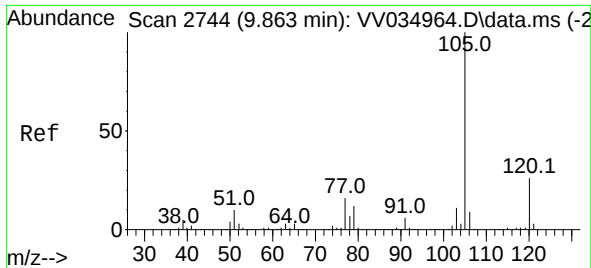
Ion Ratio Lower Upper

173 100

175 48.7 39.3 58.9

254 10.1 7.5 11.3

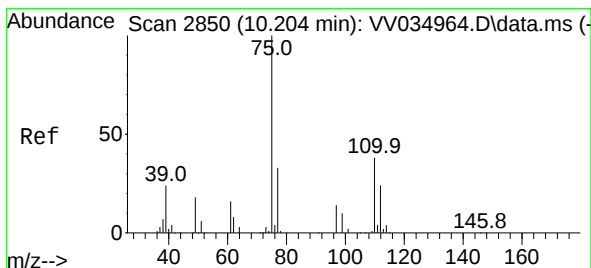
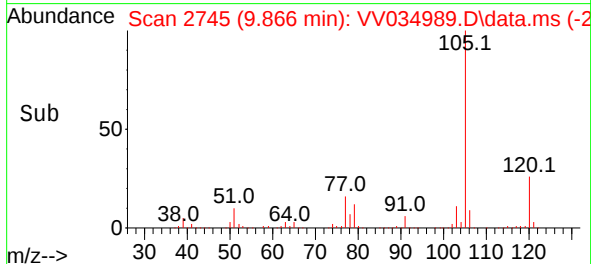
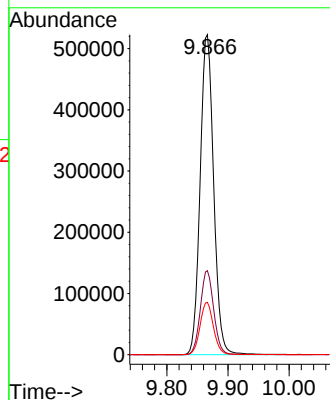
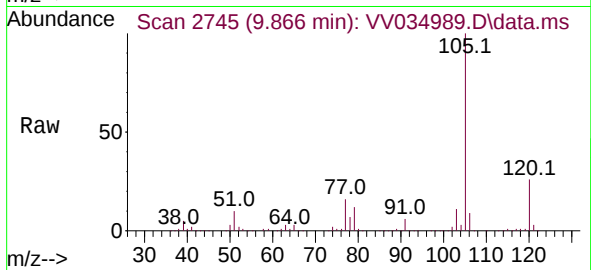




#60
Isopropylbenzene
Concen: 52.720 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

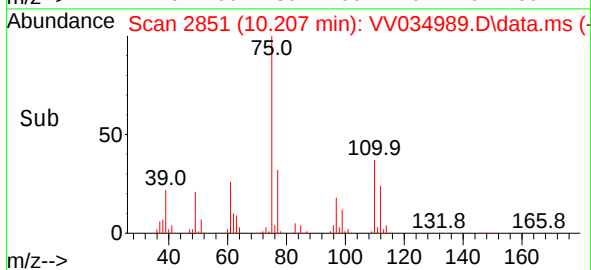
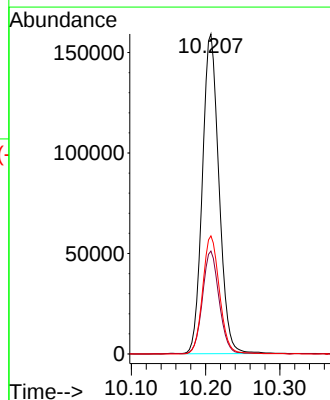
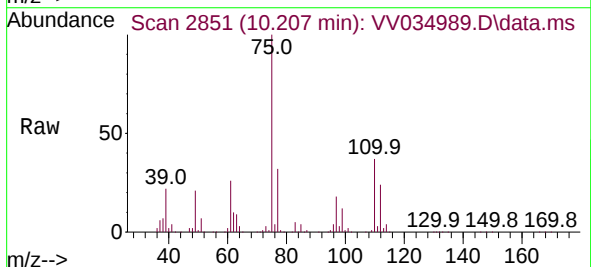
Instrument :
MSVOA_V
ClientSampleId :

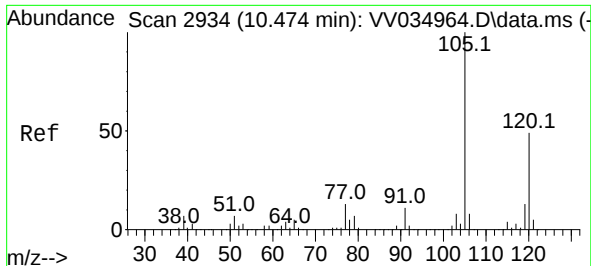
Tgt Ion:105 Resp: 802149
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 54.065 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV034989.D
Acq: 04 Apr 2024 19:32

Tgt Ion: 75 Resp: 247262
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 37.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 52.941 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

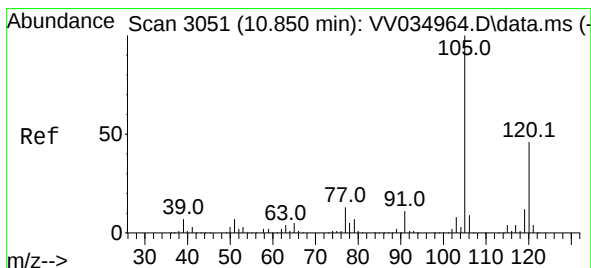
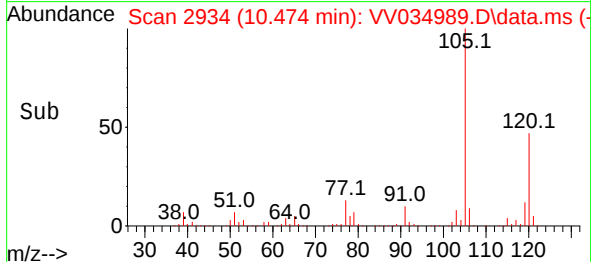
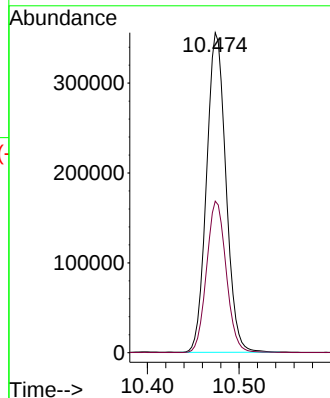
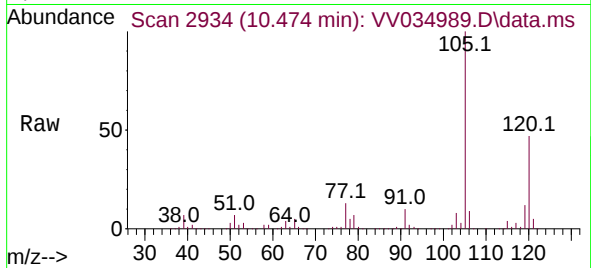
ClientSampleId :

Tgt Ion:105 Resp: 523140

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 52.948 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034989.D

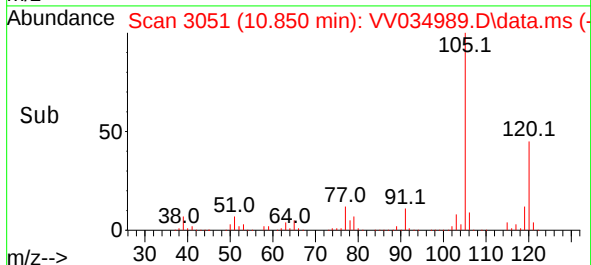
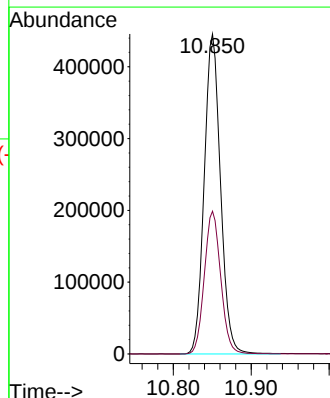
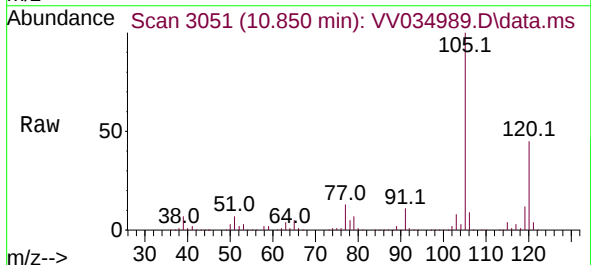
Acq: 04 Apr 2024 19:32

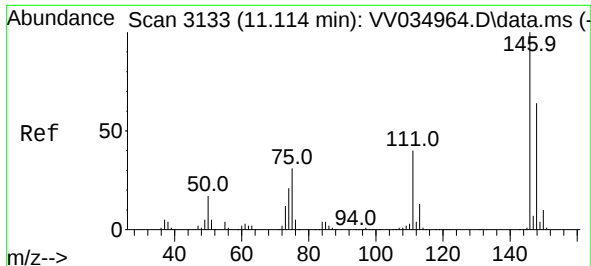
Tgt Ion:105 Resp: 646875

Ion Ratio Lower Upper

105 100

120 44.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 51.437 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

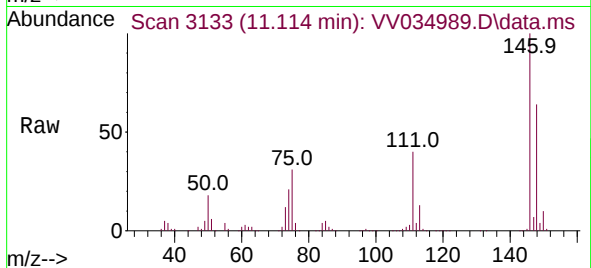
Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



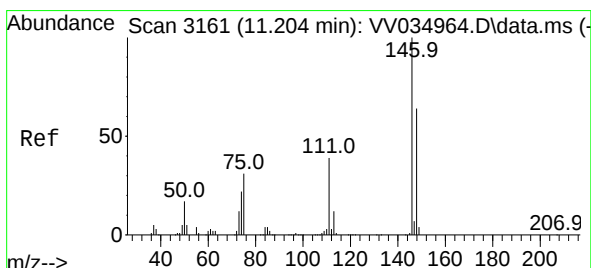
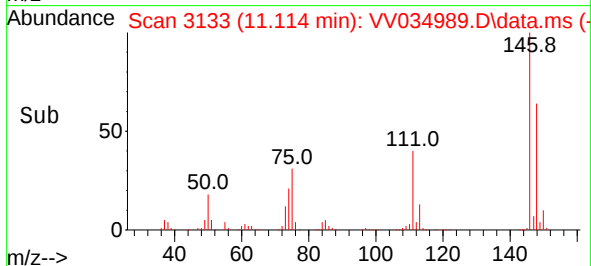
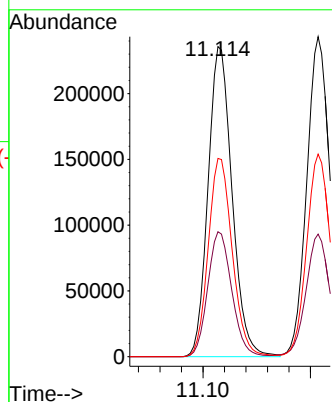
Tgt Ion:146 Resp: 365735

Ion Ratio Lower Upper

146 100

111 40.3 28.7 53.3

148 63.9 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 51.725 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

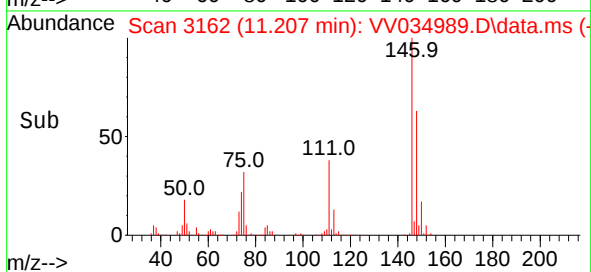
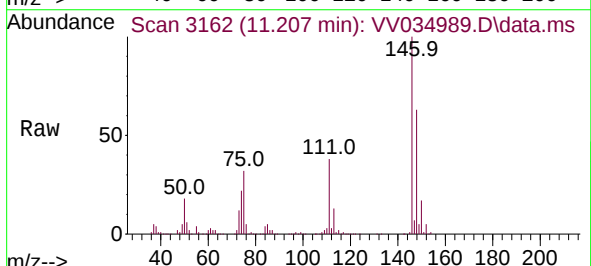
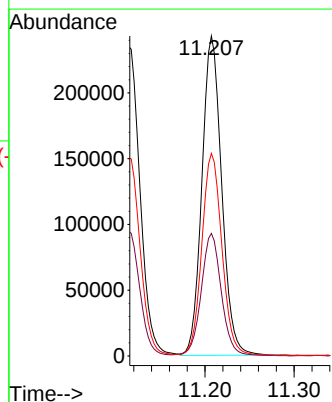
Tgt Ion:146 Resp: 374010

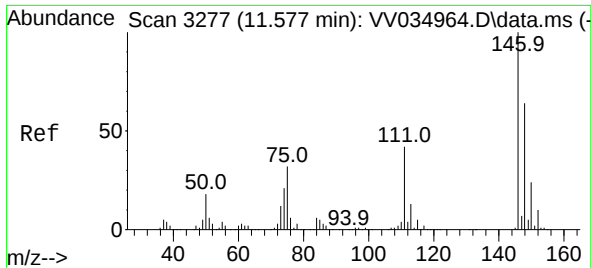
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 63.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.225 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

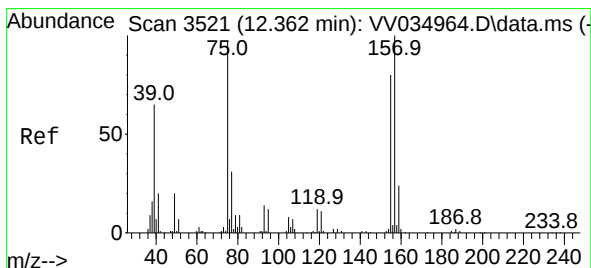
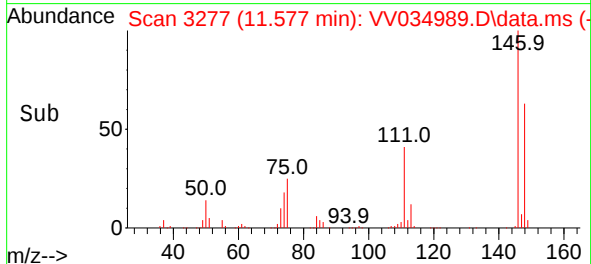
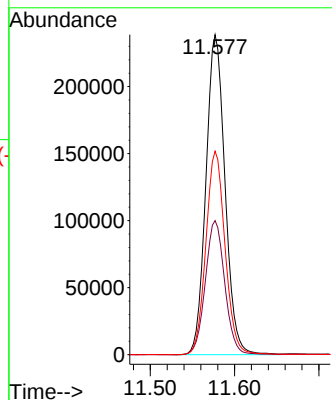
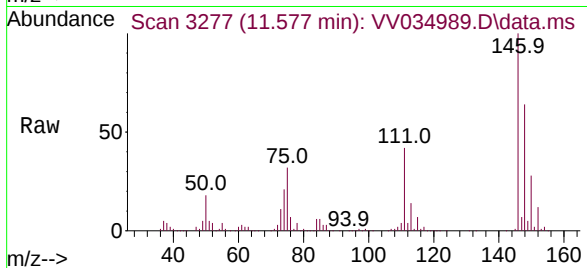
Tgt Ion:146 Resp: 377004

Ion Ratio Lower Upper

146 100

111 41.9 34.6 52.0

148 63.6 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 54.927 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

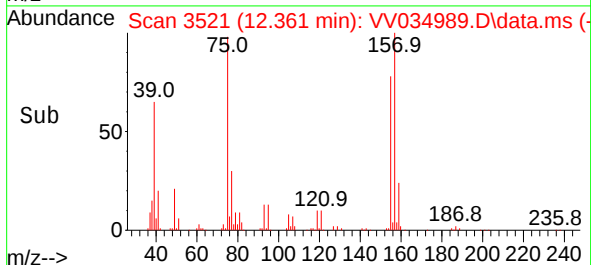
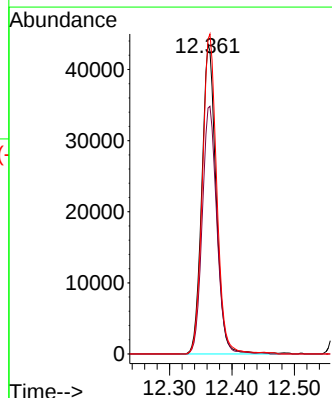
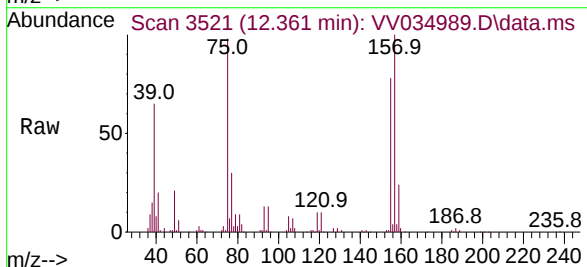
Tgt Ion: 75 Resp: 69206

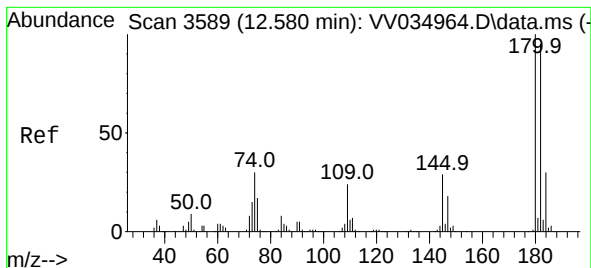
Ion Ratio Lower Upper

75 100

155 79.5 63.0 94.6

157 101.7 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.791 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

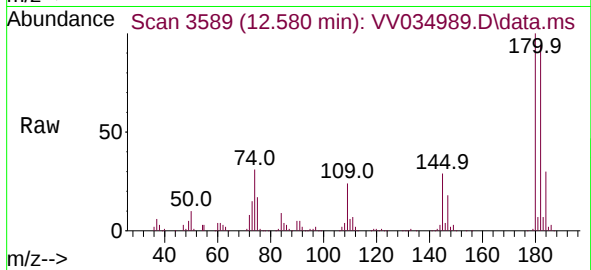
Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 265400

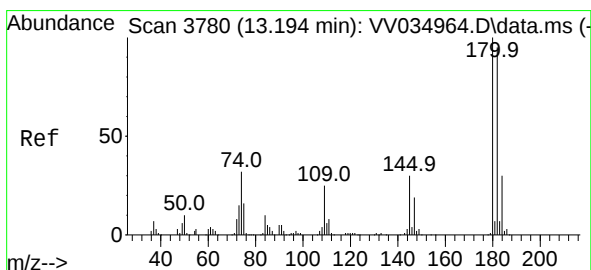
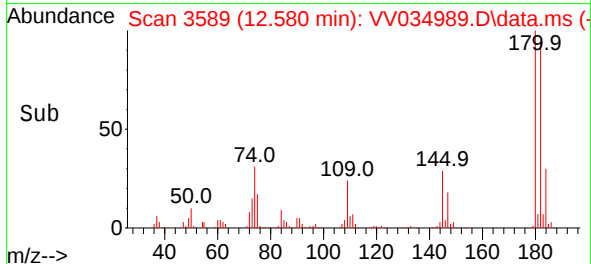
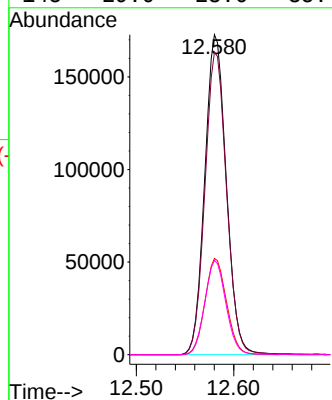
Ion Ratio Lower Upper

180 100

182 94.9 74.7 112.1

184 30.1 24.0 36.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.898 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

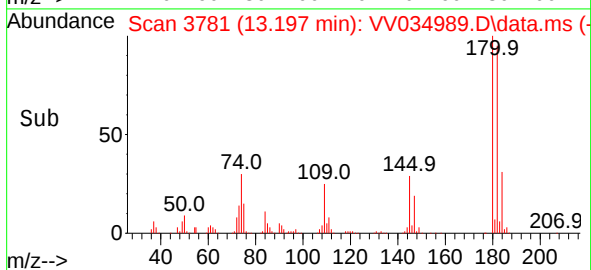
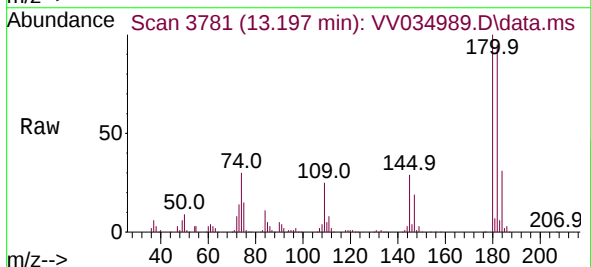
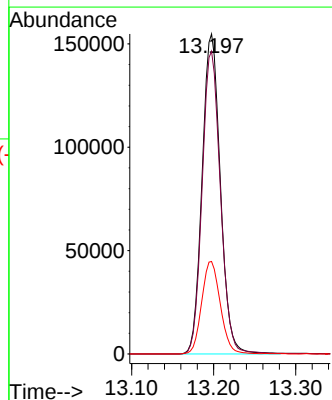
Tgt Ion:180 Resp: 239585

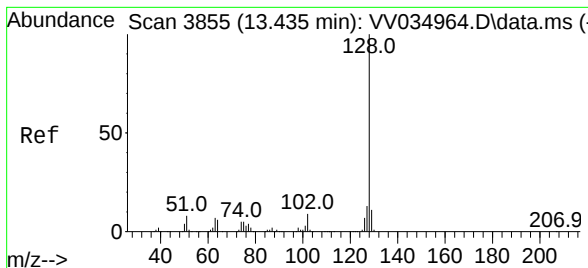
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 51.812 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

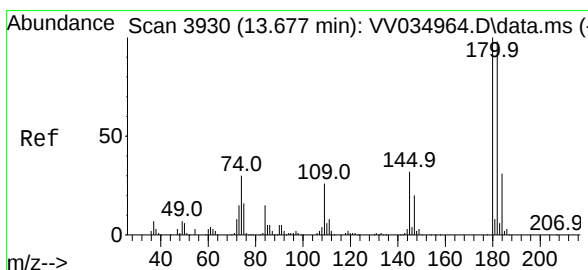
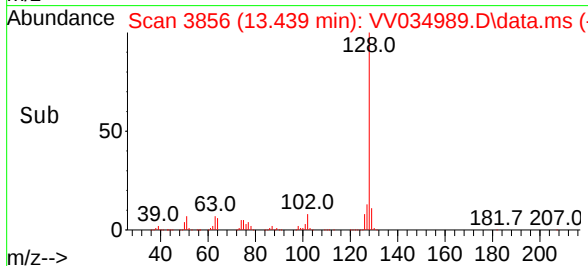
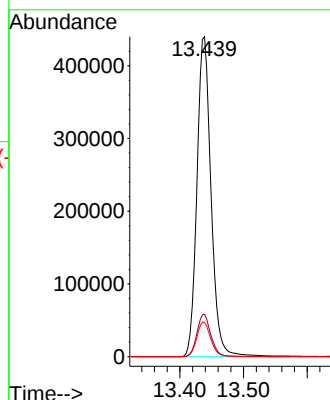
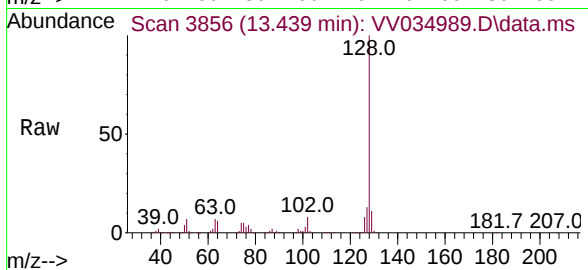
Tgt Ion:128 Resp: 676641

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.611 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034989.D

Acq: 04 Apr 2024 19:32

Tgt Ion:180 Resp: 248755

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 31.0 25.8 38.6

