

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026293.D
 Acq On : 15 Jun 2022 21:20
 Operator : SY/MD
 Sample : N3275-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE4DL

Quant Time: Jun 16 01:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

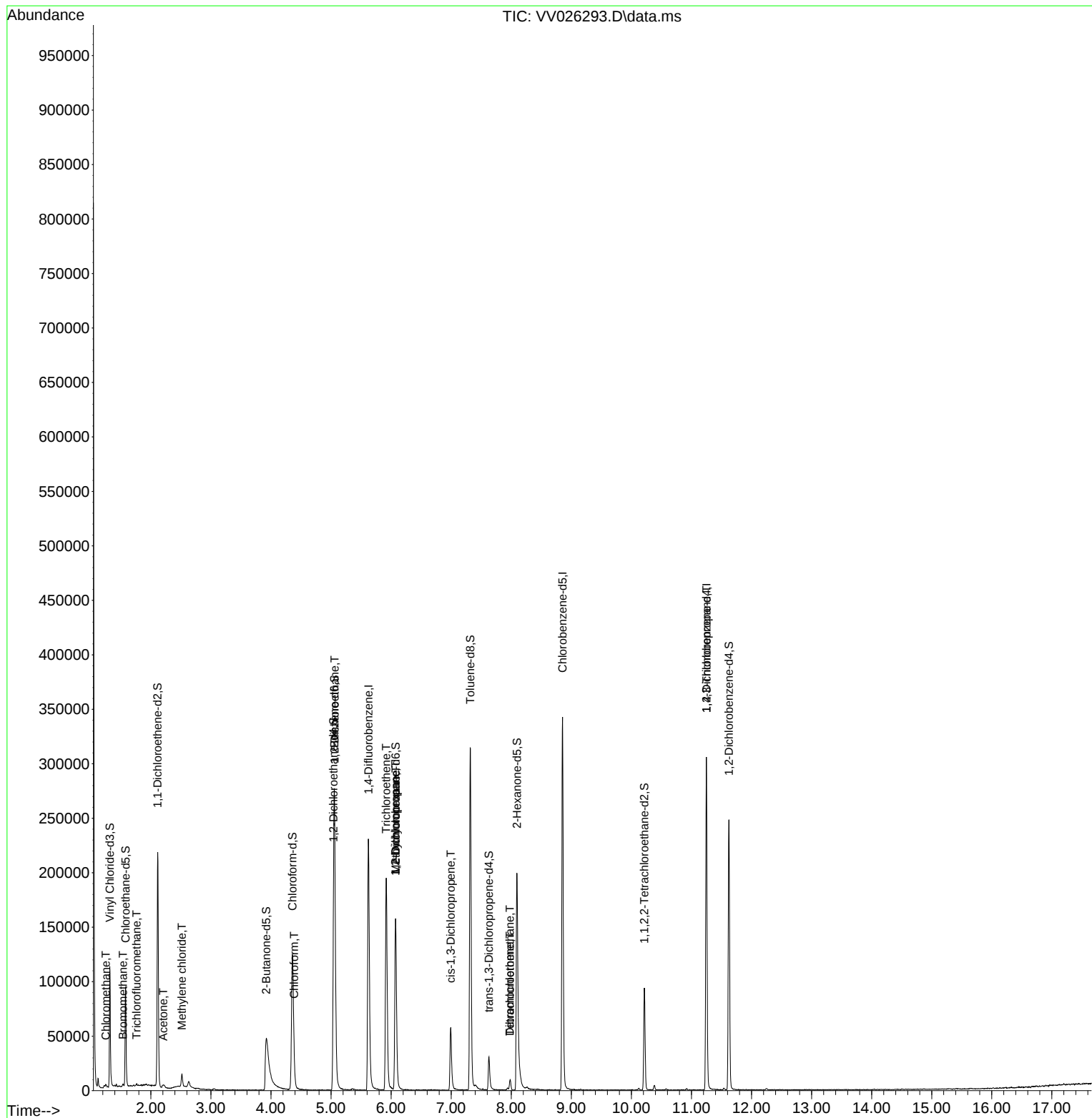
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	205176	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	80957	4.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.581	69	65358	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.114	63	113742	3.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.921	46	100478	57.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	4.359	84	133423	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.040	65	56255	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.056	84	263855	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.076	67	79634	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.320	98	214956	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.629	79	18739	3.734	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.095	63	72067	47.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47066	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	67063	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
3) Chloromethane	1.249	50	1381	0.081	ug/L	84
6) Bromomethane	1.536	94	1529	0.154	ug/L	86
9) Trichlorofluoromethane	1.764	101	1345	0.055	ug/L	99
13) Acetone	2.204	43	7318	5.430	ug/L	77
16) Methylene chloride	2.516	84	4634	0.280	ug/L	94
25) Chloroform	4.384	83	2197	0.084	ug/L	87
27) 1,2-Dichloroethane	5.059	62	1288	0.109	ug/L #	71
34) Trichloroethene	5.918	95	69788	5.027	ug/L	98
35) Methylcyclohexane	6.076	83	19864	1.034	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8627	0.649	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1519	0.100	ug/L #	37
47) Tetrachloroethene	7.979	164	2152	0.209	ug/L	89
49) Dibromochloromethane	7.979	129	2029	0.210	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	9334	1.764	ug/L #	66

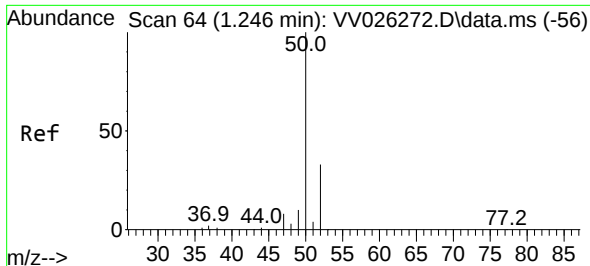
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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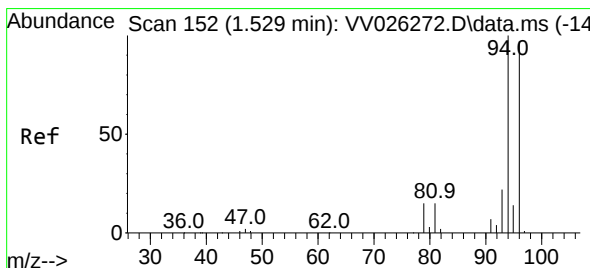
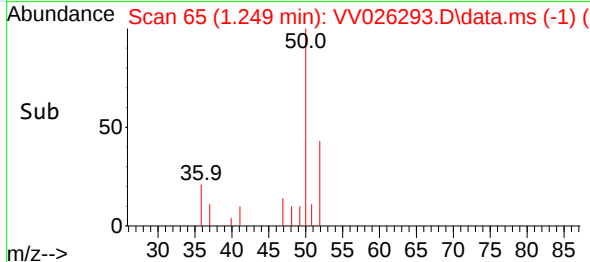
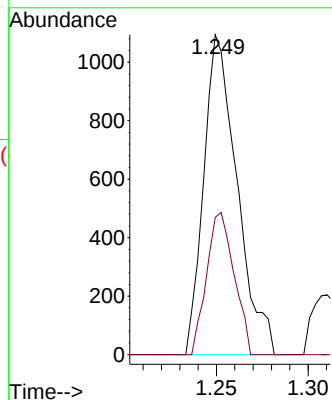
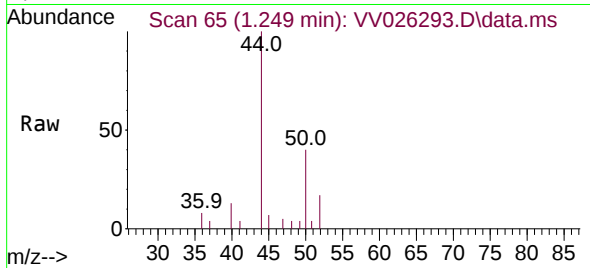




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

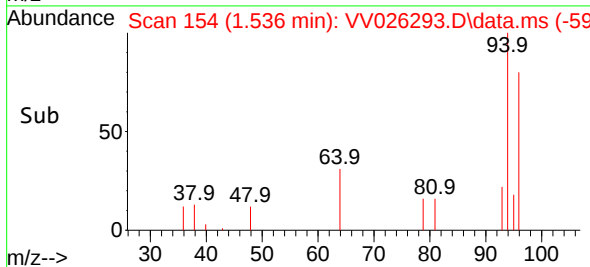
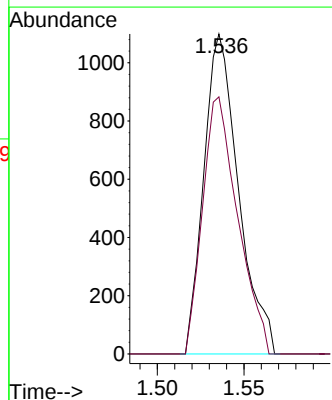
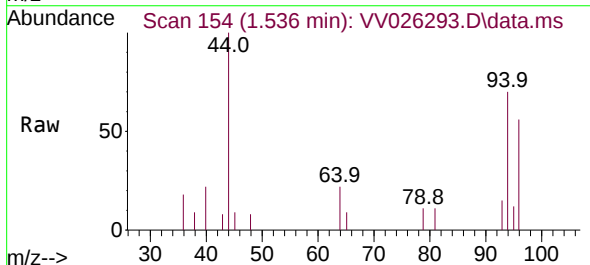
Instrument :
MSVOA_V
ClientSampleId :
C0BE4DL

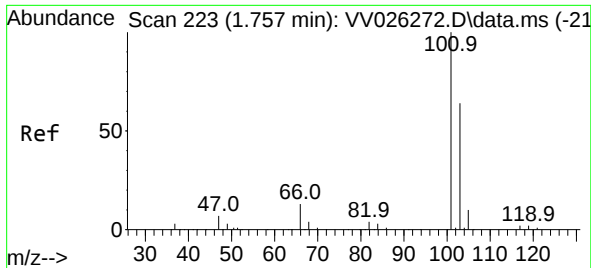
Tgt Ion: 50 Resp: 1381
Ion Ratio Lower Upper
50 100
52 42.9 23.7 44.1



#6
Bromomethane
Concen: 0.154 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.006 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

Tgt Ion: 94 Resp: 1529
Ion Ratio Lower Upper
94 100
96 80.3 65.7 121.9

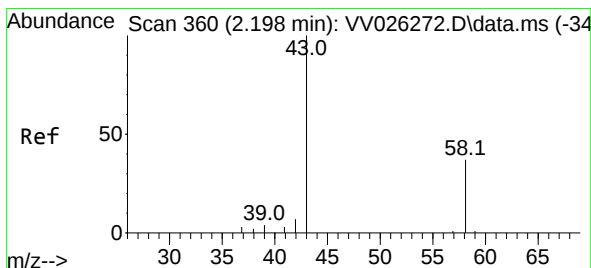
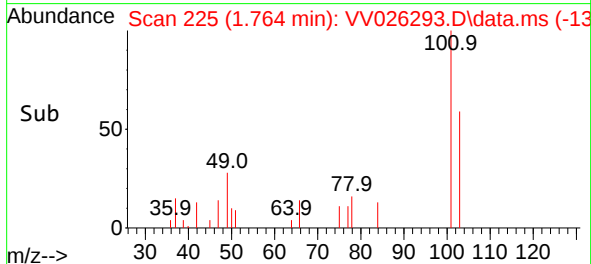
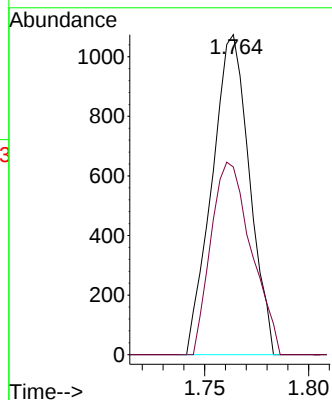
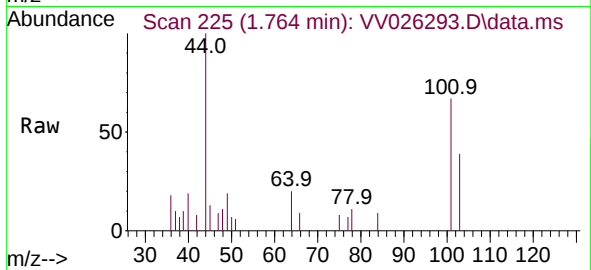




#9
Trichlorofluoromethane
Concen: 0.055 ug/L
RT: 1.764 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

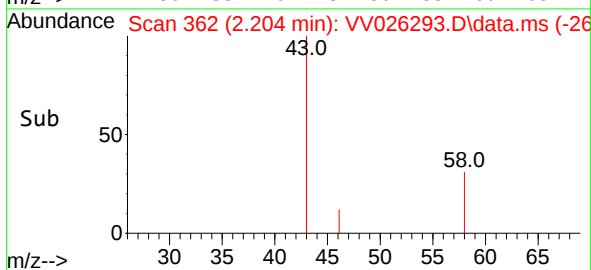
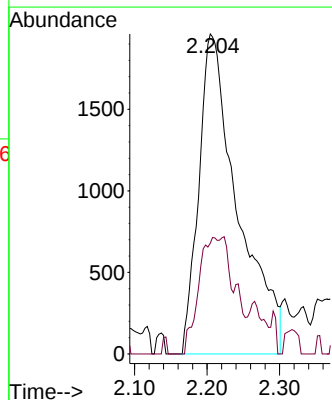
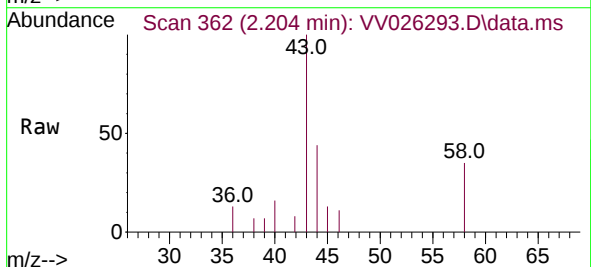
Instrument :
MSVOA_V
ClientSampleId :
C0BE4DL

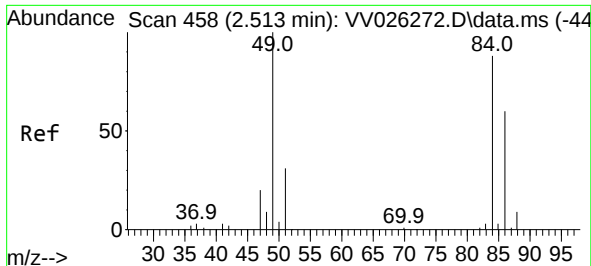
Tgt Ion:101 Resp: 1345
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5



#13
Acetone
Concen: 5.430 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.006 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

Tgt Ion: 43 Resp: 7318
Ion Ratio Lower Upper
43 100
58 17.7 0.0 60.0

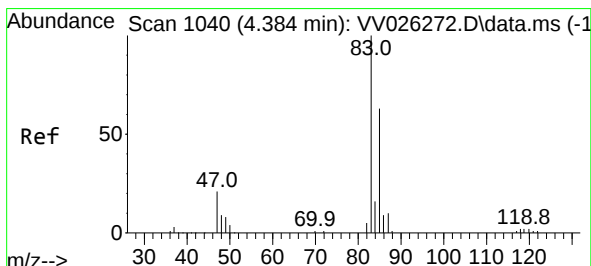
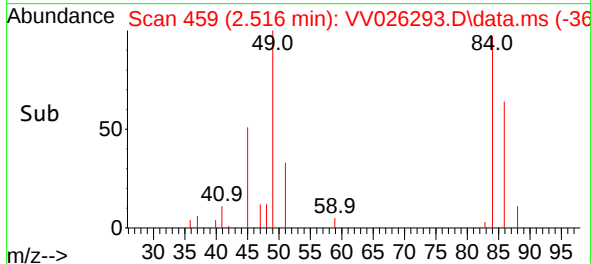
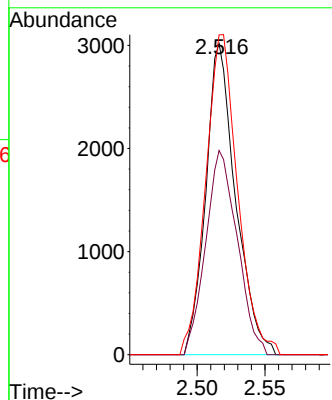
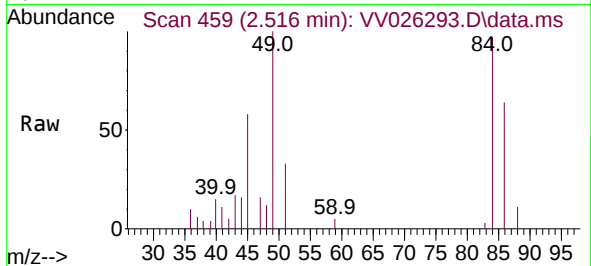




#16
Methylene chloride
Concen: 0.280 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

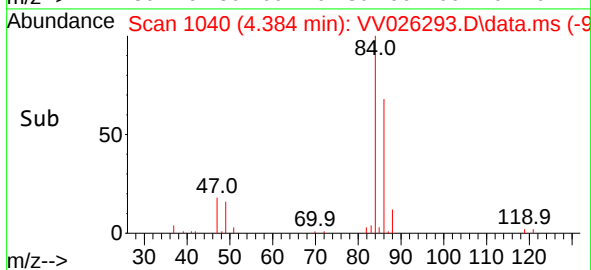
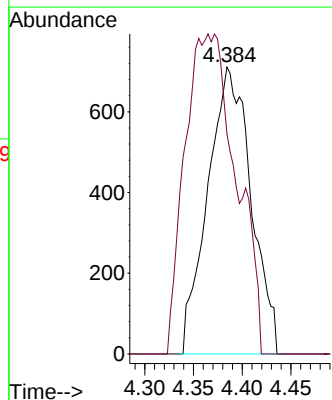
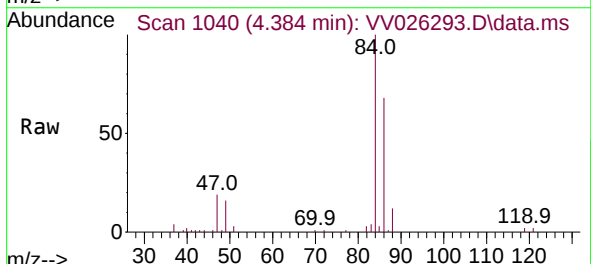
Instrument :
MSVOA_V
ClientSampleId :
C0BE4DL

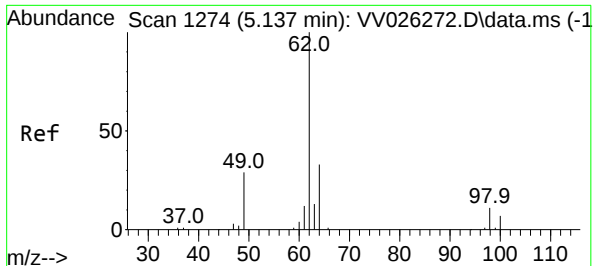
Tgt Ion: 84 Resp: 4634
Ion Ratio Lower Upper
84 100
86 65.6 44.0 81.8
49 102.8 77.3 143.7



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VV026293.D
Acq: 15 Jun 2022 21:20

Tgt Ion: 83 Resp: 2197
Ion Ratio Lower Upper
83 100
85 76.8 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

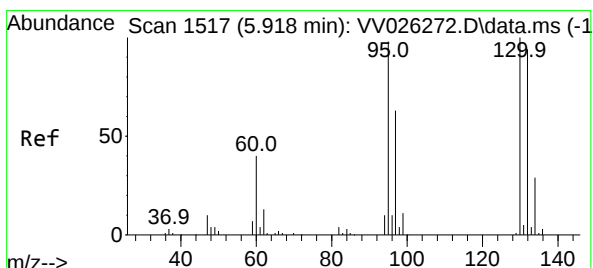
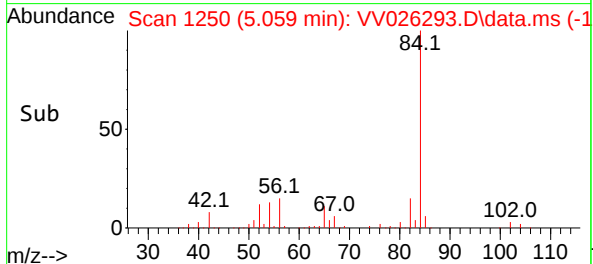
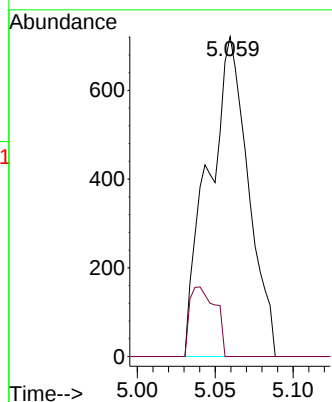
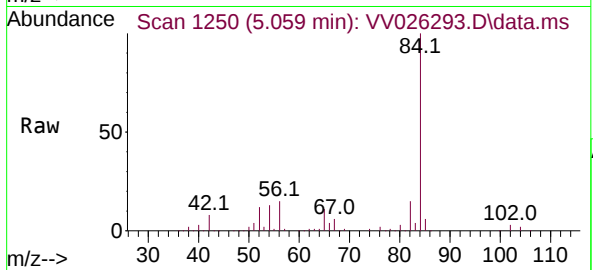
C0BE4DL

Tgt Ion: 62 Resp: 1288

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 5.027 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Tgt Ion: 95 Resp: 69788

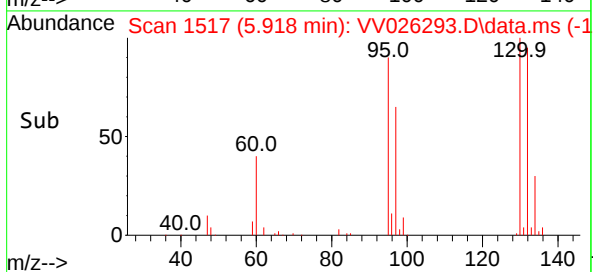
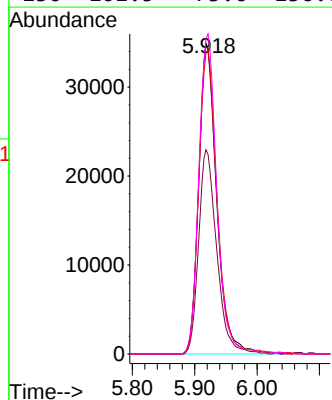
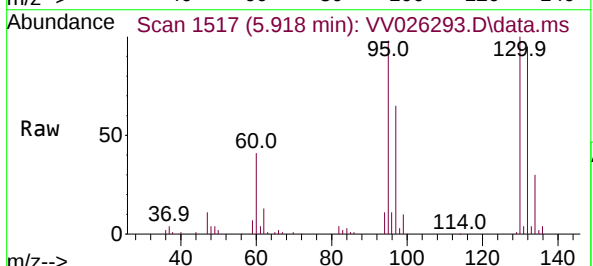
Ion Ratio Lower Upper

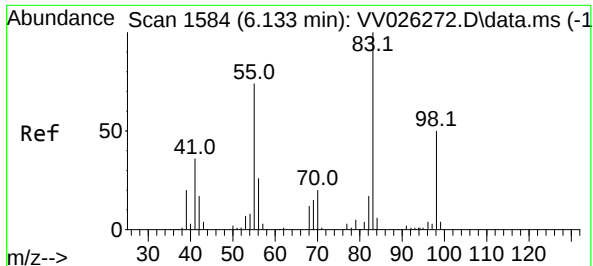
95 100

97 65.8 46.5 86.3

132 96.9 68.8 127.8

130 101.5 73.6 136.6





#35

Methylcyclohexane

Concen: 1.034 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

C0BE4DL

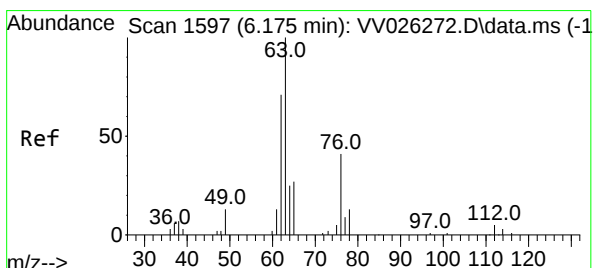
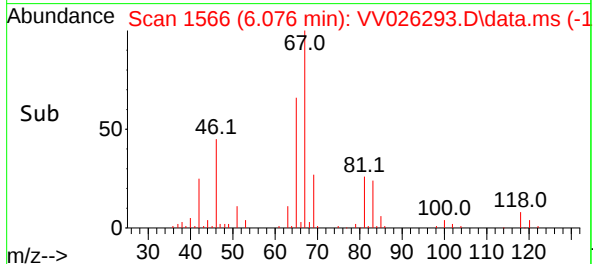
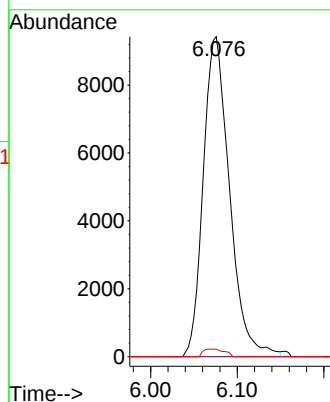
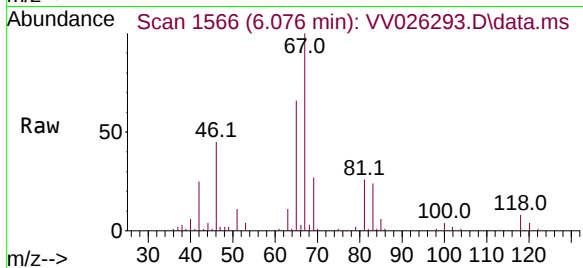
Tgt Ion: 83 Resp: 19864

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.9 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.649 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026293.D

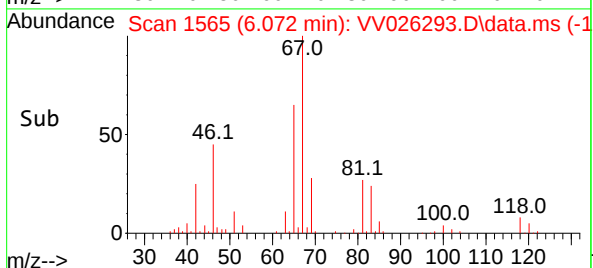
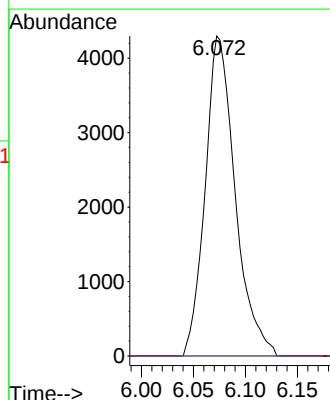
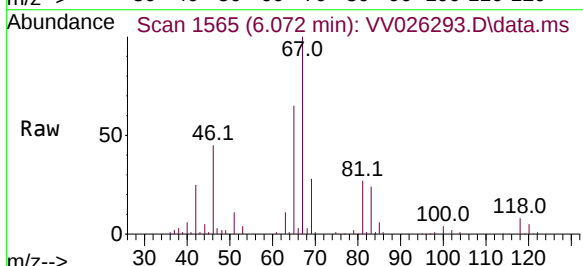
Acq: 15 Jun 2022 21:20

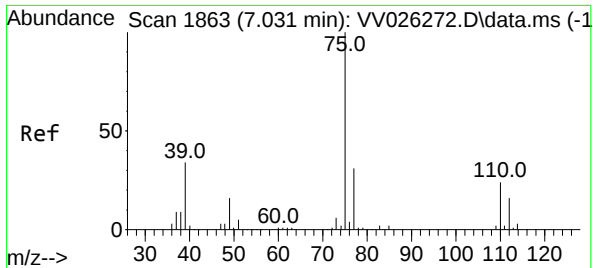
Tgt Ion: 63 Resp: 8627

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

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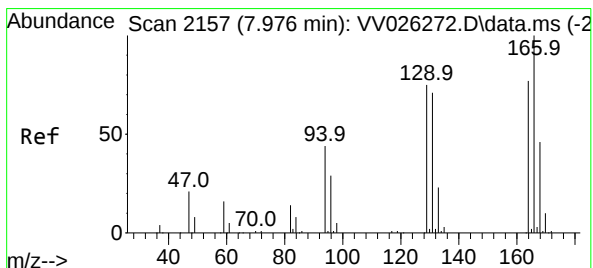
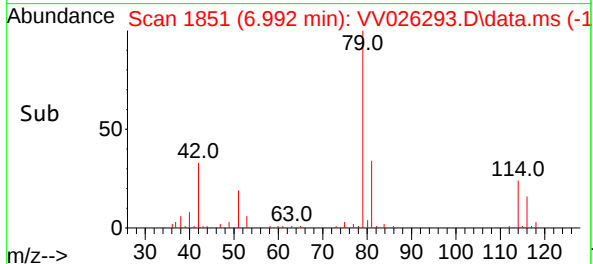
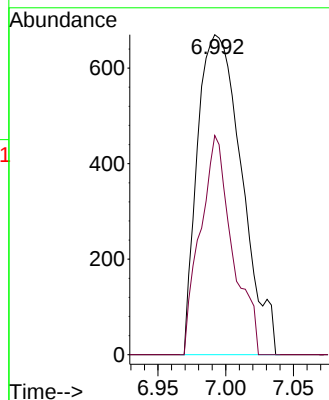
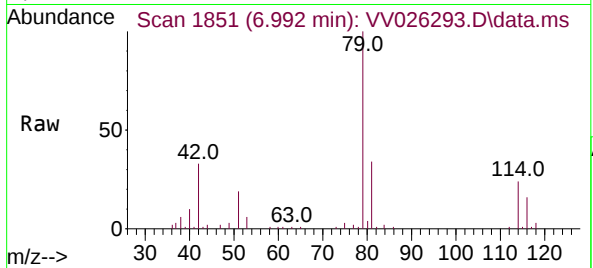
C0BE4DL

Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

75 100

77 68.5 23.0 42.6#



#47

Tetrachloroethene

Concen: 0.209 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Tgt Ion:164 Resp: 2152

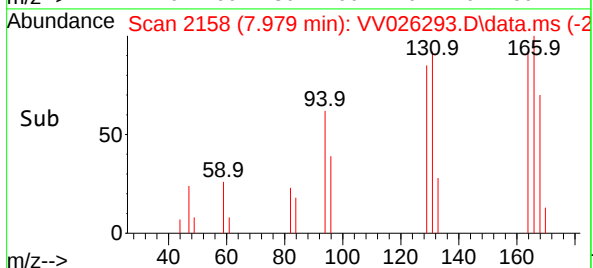
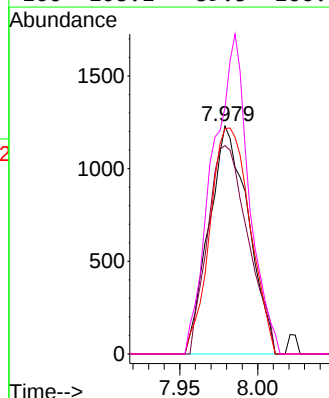
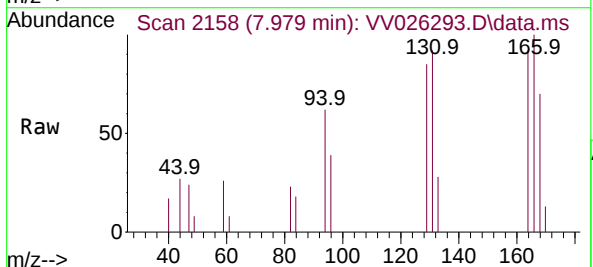
Ion Ratio Lower Upper

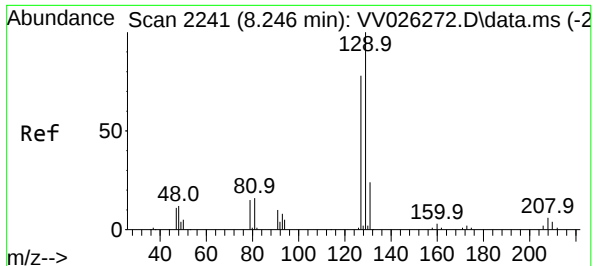
164 100

129 91.4 67.5 125.3

131 98.9 63.8 118.4

166 108.1 89.5 166.3





#49

Dibromochloromethane

Concen: 0.210 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

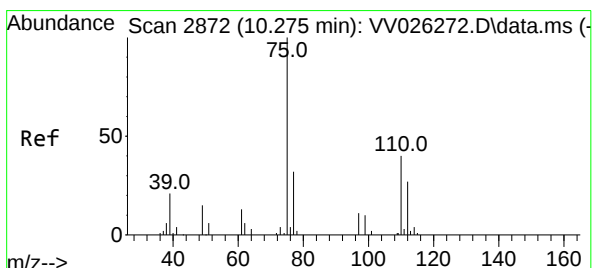
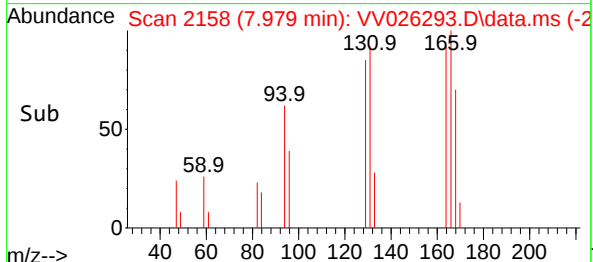
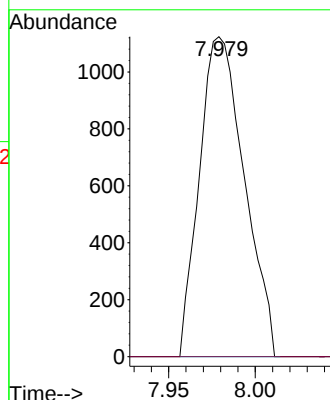
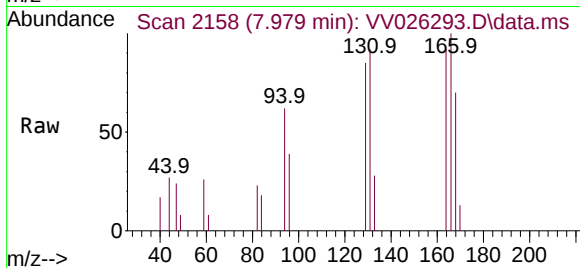
C0BE4DL

Tgt Ion:129 Resp: 2029

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.764 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026293.D

Acq: 15 Jun 2022 21:20

Tgt Ion: 75 Resp: 9334

Ion Ratio Lower Upper

75 100

77 31.3 26.9 40.3

110 2.3 30.7 46.1#

