

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026340.D
 Acq On : 16 Jun 2022 18:08
 Operator : SY/MD
 Sample : N3275-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE5

Quant Time: Jun 17 05:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70519	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	65864	4.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.580	69	57159	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.121	63	91171	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.915	46	93308	59.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.240%
24) Chloroform-d	4.362	84	121143	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.043	65	50550	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.059	84	229100	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.075	67	71421	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.320	98	182985	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.628	79	17921	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.091	63	64686	47.703	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43071	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	59221	5.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%

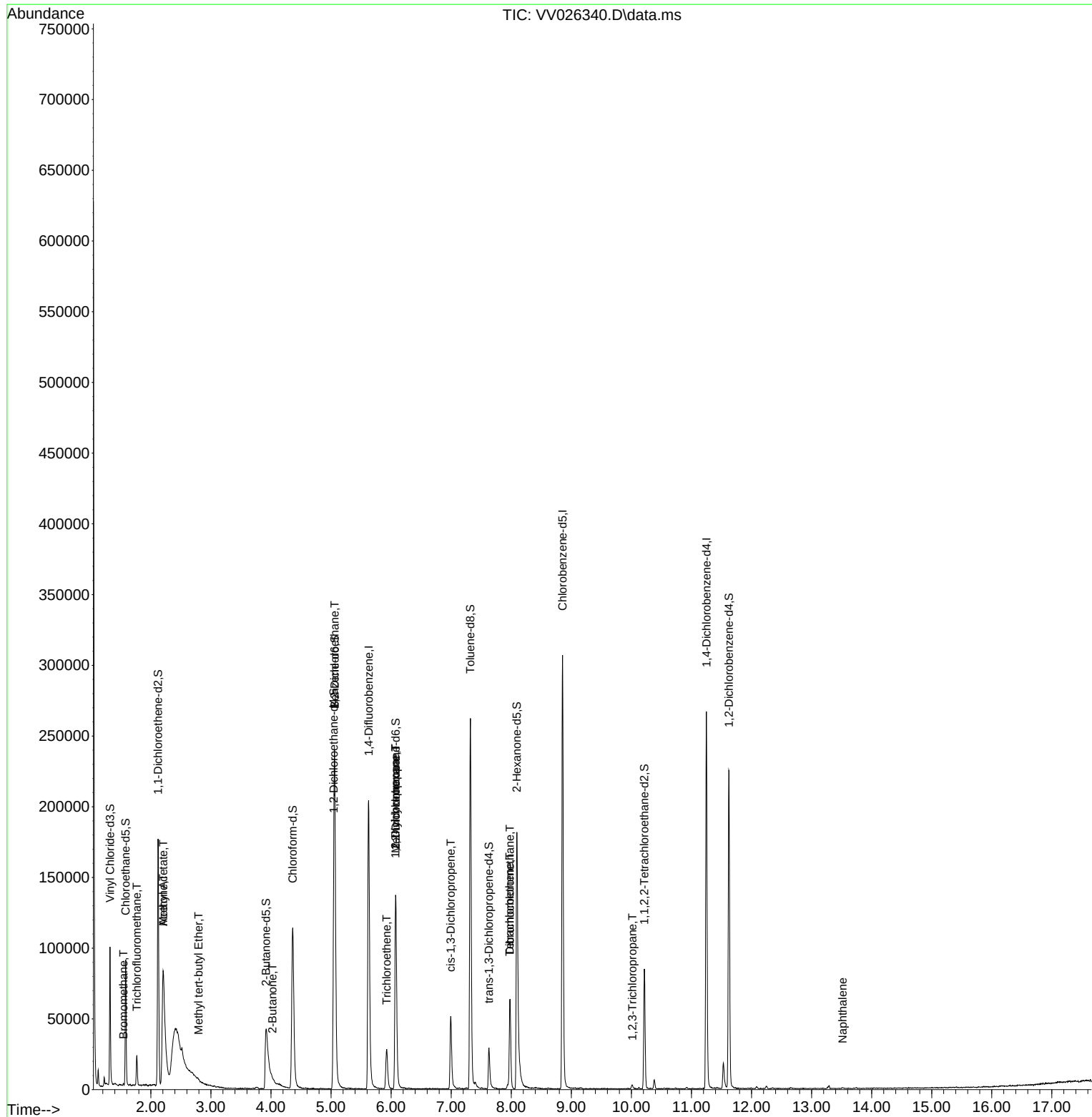
Target Compounds				Qvalue		
6) Bromomethane	1.545	94	461	0.051	ug/L	94
9) Trichlorofluoromethane	1.767	101	12598	0.568	ug/L	97
13) Acetone	2.204	43	188538	154.147	ug/L	87
15) Methyl Acetate	2.204	43	182340	62.132	ug/L #	48
17) Methyl tert-butyl Ether	2.793	73	919	0.045	ug/L #	89
21) 2-Butanone	4.024	43	2985	1.886	ug/L	93
27) 1,2-Dichloroethane	5.059	62	1215	0.113	ug/L #	71
34) Trichloroethene	5.928	95	9943	0.801	ug/L	99
35) Methylcyclohexane	6.079	83	17290	1.007	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7444	0.626	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1122	0.083	ug/L #	1
47) Tetrachloroethene	7.976	164	14873	1.617	ug/L	96
49) Dibromochloromethane	7.979	129	13657	1.579	ug/L #	9
61) 1,2,3-Trichloropropane	10.014	75	1969	0.430	ug/L #	39
71) Naphthalene	13.516	128	763	0.056	ug/L #	72

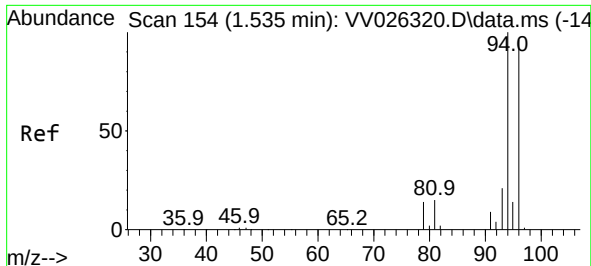
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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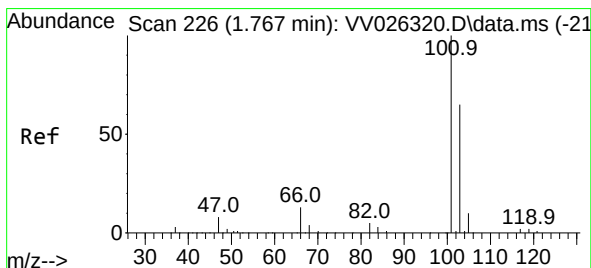
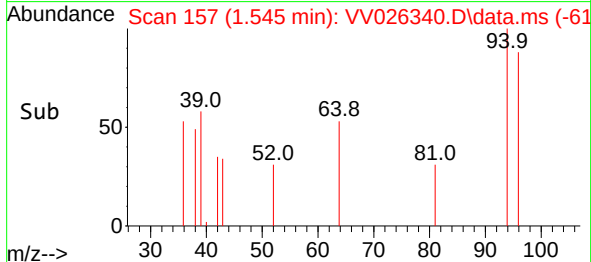
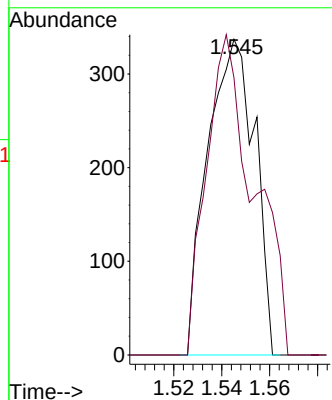
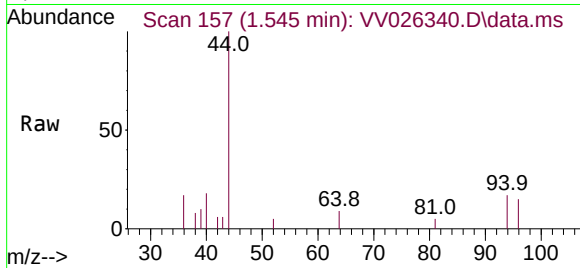




#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

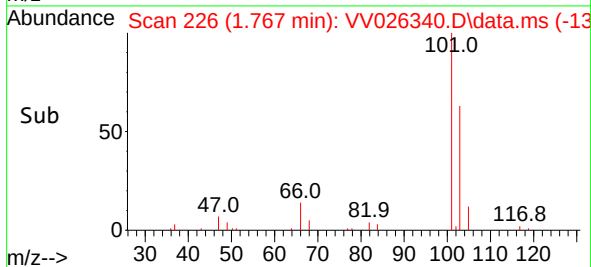
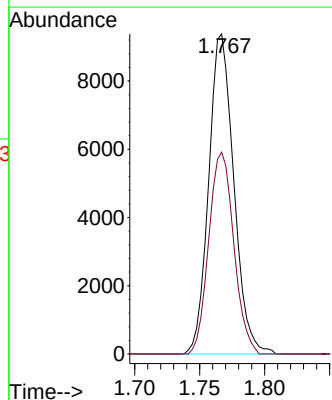
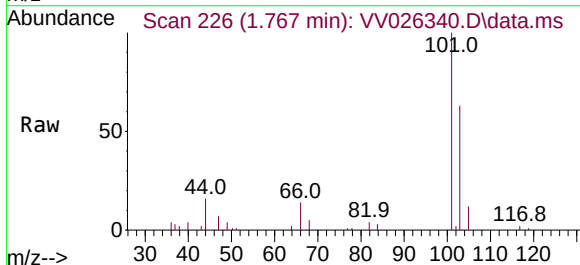
Instrument :
MSVOA_V
ClientSampleId :
C0BE5

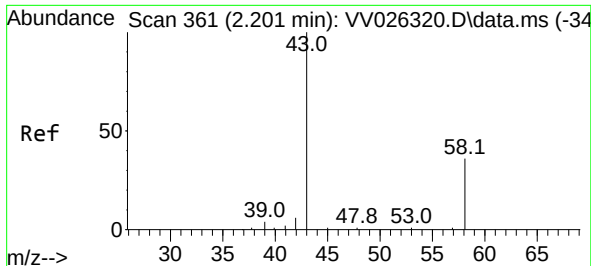
Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 87.8 65.7 121.9



#9
Trichlorofluoromethane
Concen: 0.568 ug/L
RT: 1.767 min Scan# 226
Delta R.T. -0.000 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

Tgt Ion: 101 Resp: 12598
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

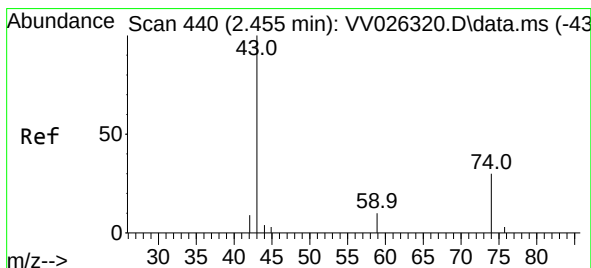
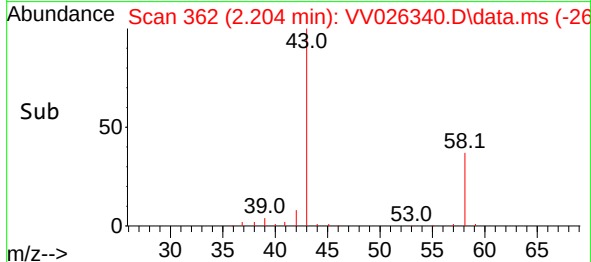
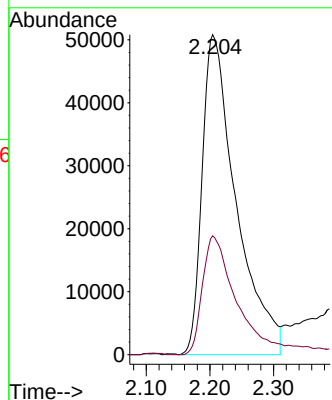
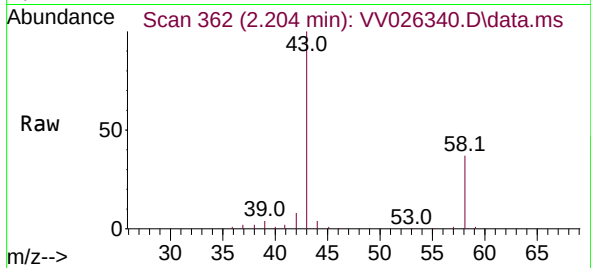




#13
Acetone
Concen: 154.147 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.003 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

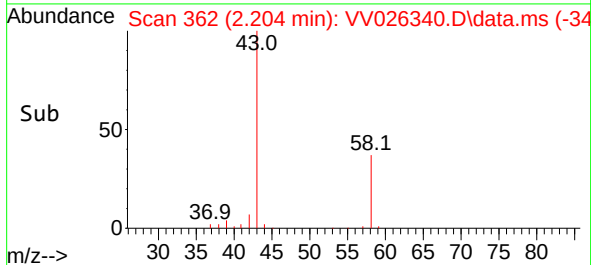
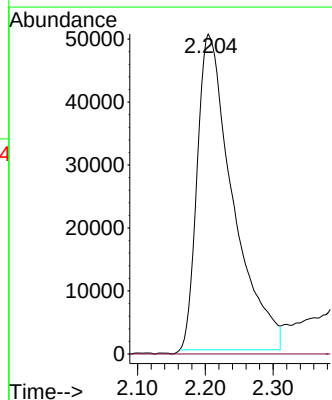
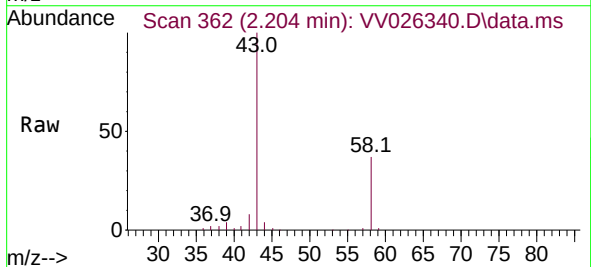
Instrument :
MSVOA_V
ClientSampleId :
COBE5

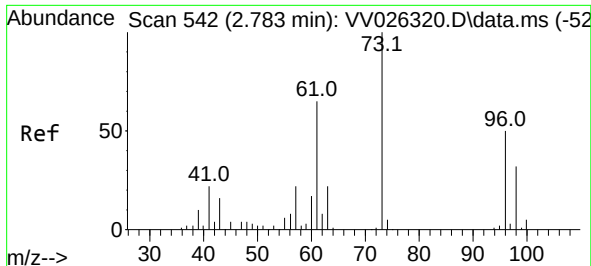
Tgt Ion: 43 Resp: 188538
Ion Ratio Lower Upper
43 100
58 36.9 0.0 60.0



#15
Methyl Acetate
Concen: 62.132 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.251 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

Tgt Ion: 43 Resp: 182340
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#

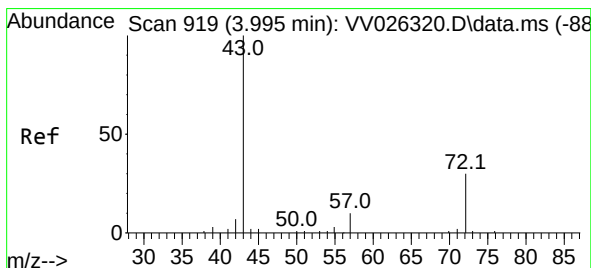
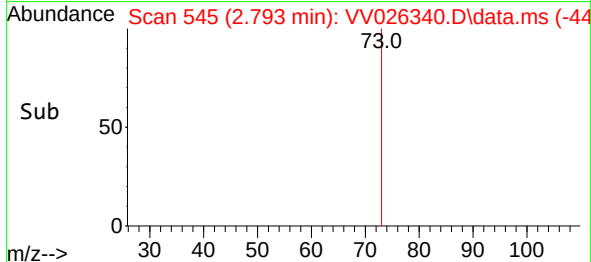
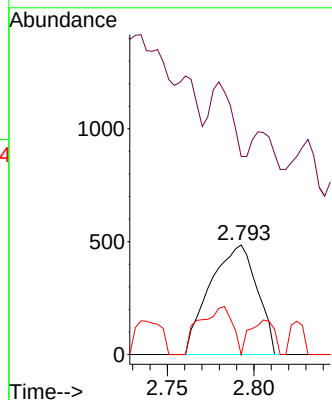
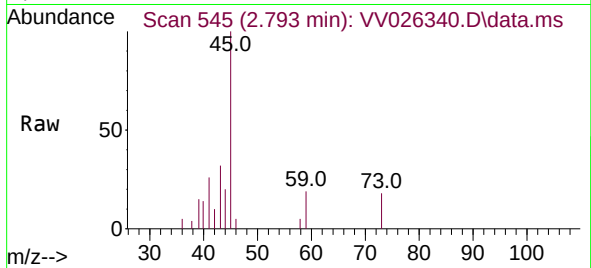




#17
Methyl tert-butyl Ether
Concen: 0.045 ug/L
RT: 2.793 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

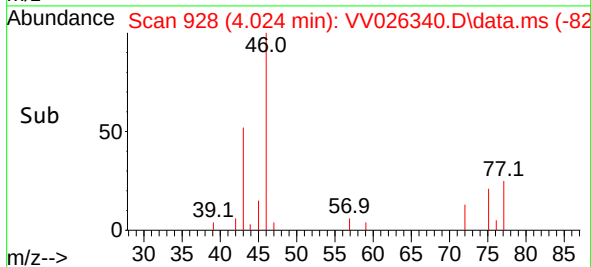
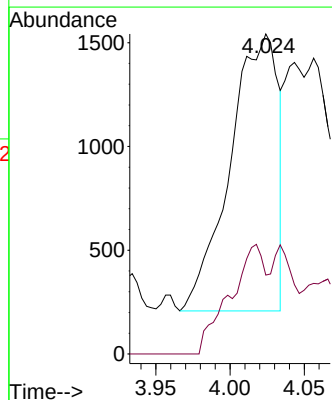
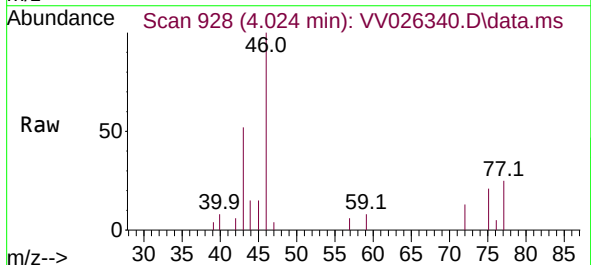
Instrument :
MSVOA_V
ClientSampleId :
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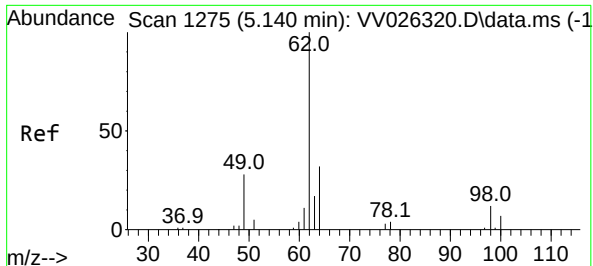
Tgt Ion: 73 Resp: 919
Ion Ratio Lower Upper
73 100
43 20.3 13.0 19.6#
57 16.0 17.6 26.4#



#21
2-Butanone
Concen: 1.886 ug/L
RT: 4.024 min Scan# 928
Delta R.T. 0.029 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

Tgt Ion: 43 Resp: 2985
Ion Ratio Lower Upper
43 100
72 28.7 12.7 38.0





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

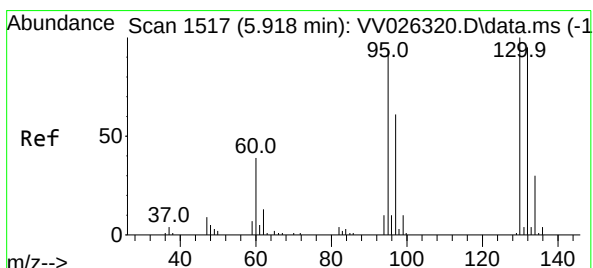
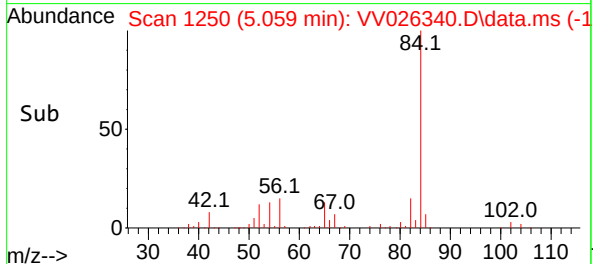
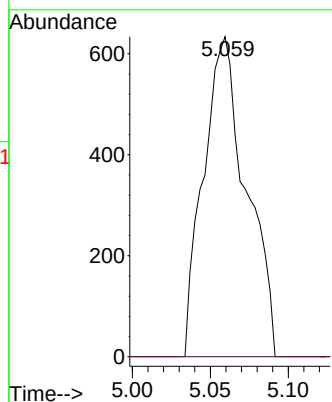
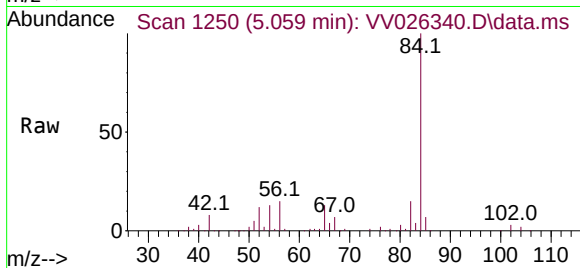
C0BE5

Tgt Ion: 62 Resp: 1215

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.801 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.010 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Tgt Ion: 95 Resp: 9943

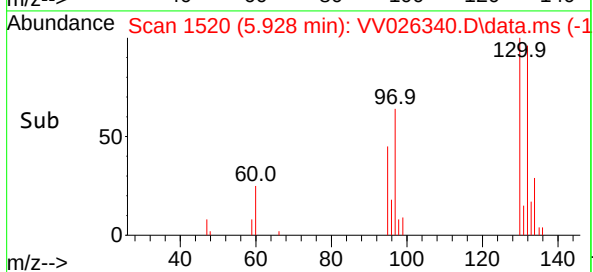
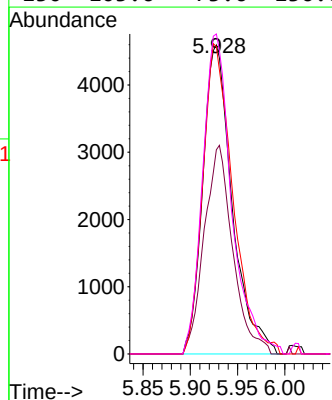
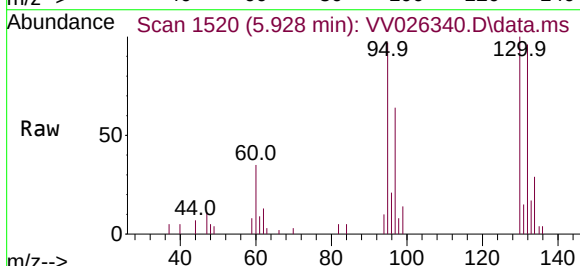
Ion Ratio Lower Upper

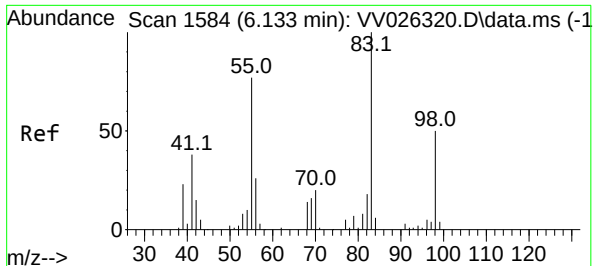
95 100

97 66.1 46.5 86.3

132 99.5 68.8 127.8

130 103.6 73.6 136.6





#35

Methylcyclohexane

Concen: 1.007 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BE5

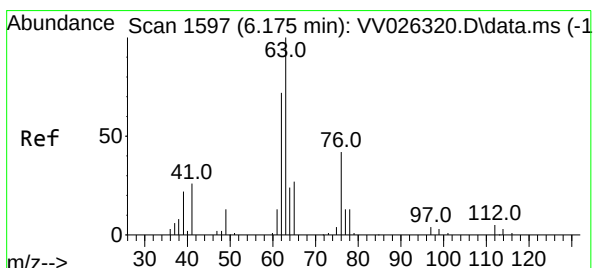
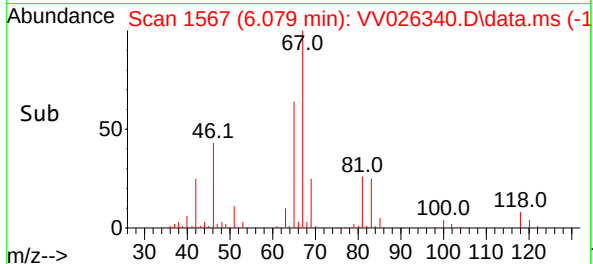
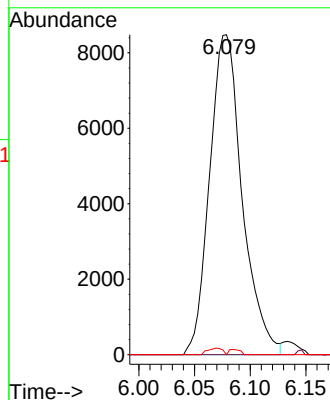
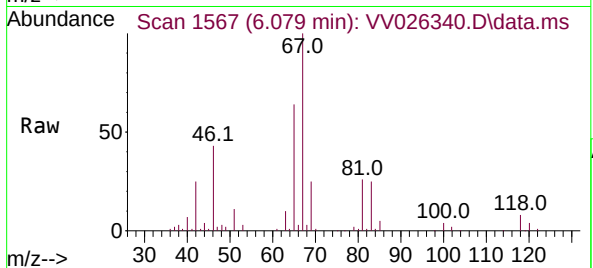
Tgt Ion: 83 Resp: 17290

Ion Ratio Lower Upper

83 100

55 0.3 59.3 88.9#

98 0.6 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026340.D

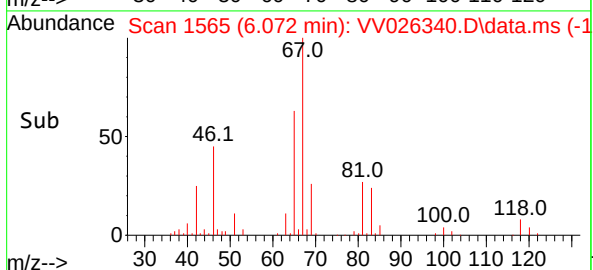
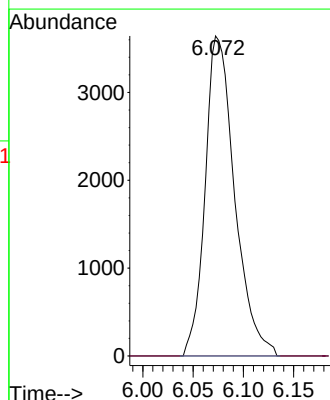
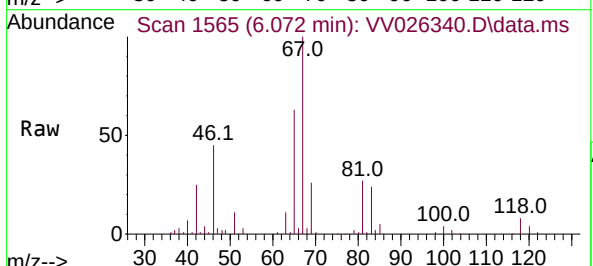
Acq: 16 Jun 2022 18:08

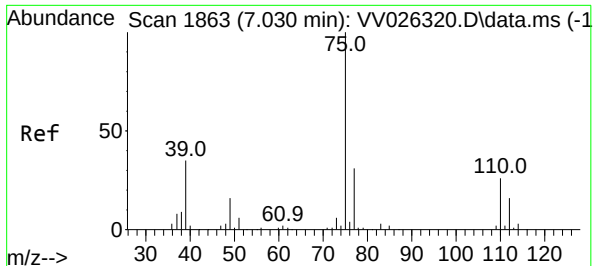
Tgt Ion: 63 Resp: 7444

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Instrument :

MSVOA_V

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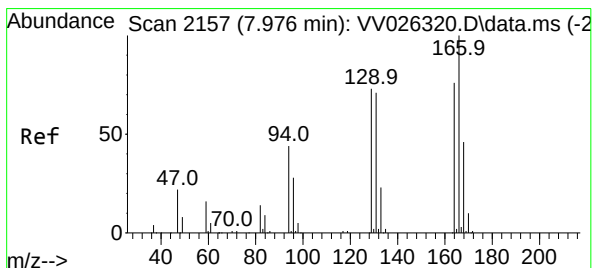
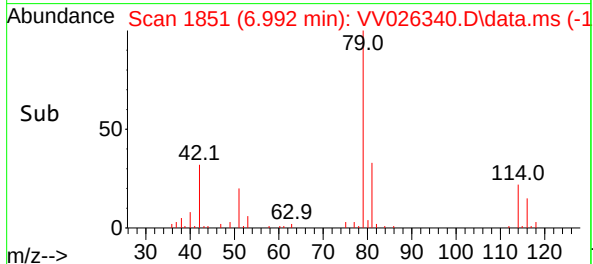
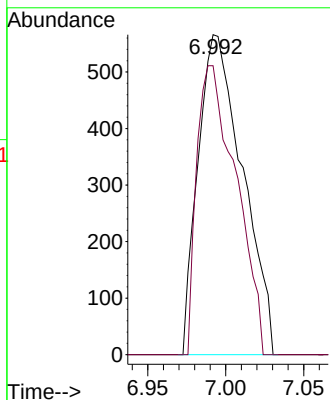
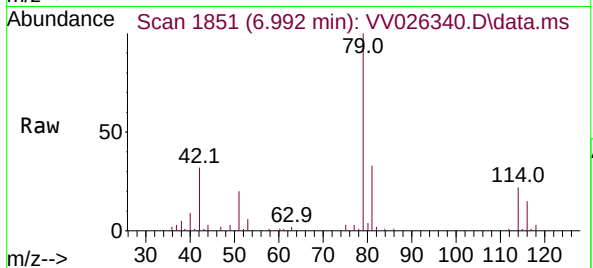
C0BE5

Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

77 90.3 23.0 42.6#



#47

Tetrachloroethene

Concen: 1.617 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Tgt Ion: 164 Resp: 14873

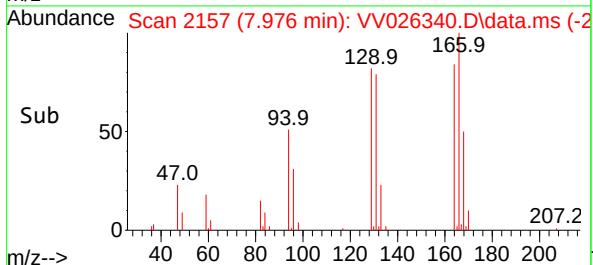
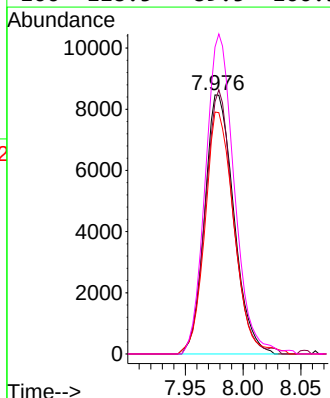
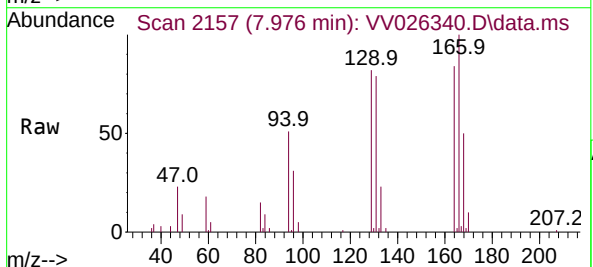
Ion Ratio Lower Upper

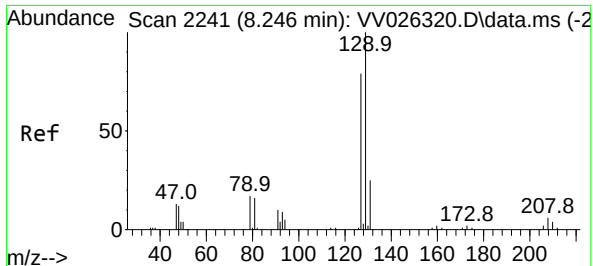
164 100

129 97.4 67.5 125.3

131 93.4 63.8 118.4

166 118.5 89.5 166.3





#49

Dibromochloromethane

Concen: 1.579 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

Instrument :

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ClientSampleId :

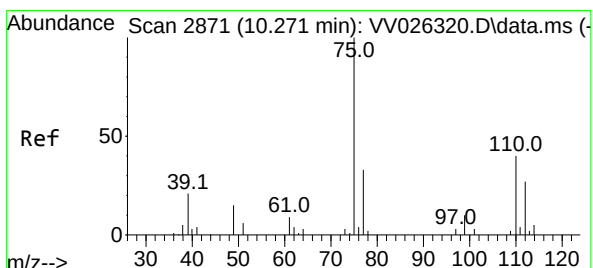
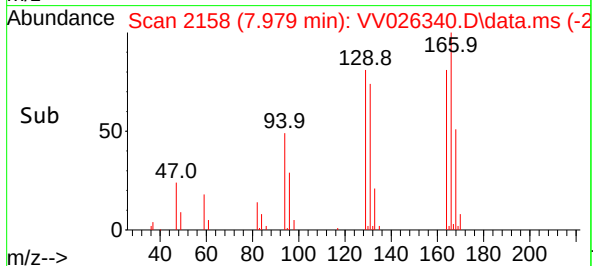
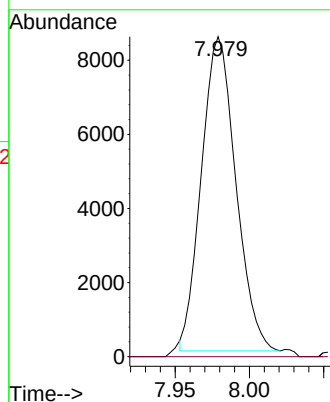
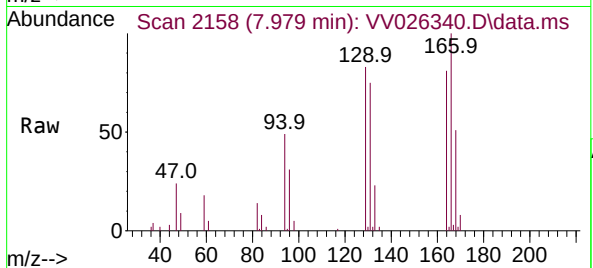
C0BE5

Tgt Ion:129 Resp: 13657

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 0.430 ug/L

RT: 10.014 min Scan# 2791

Delta R.T. -0.257 min

Lab File: VV026340.D

Acq: 16 Jun 2022 18:08

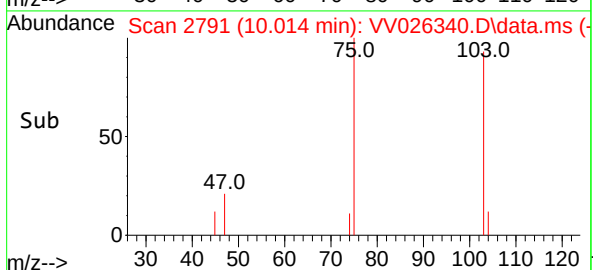
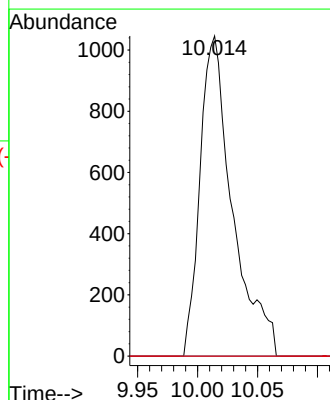
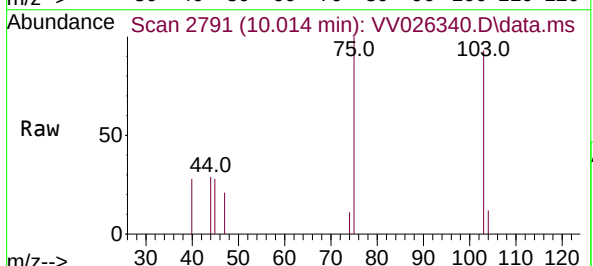
Tgt Ion: 75 Resp: 1969

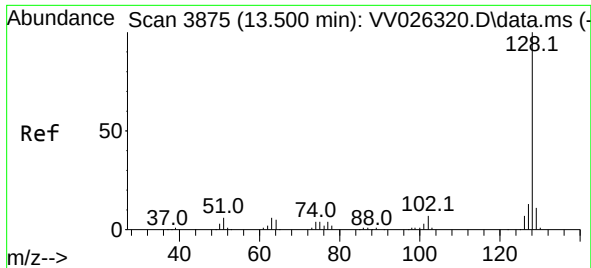
Ion Ratio Lower Upper

75 100

77 0.0 26.9 40.3#

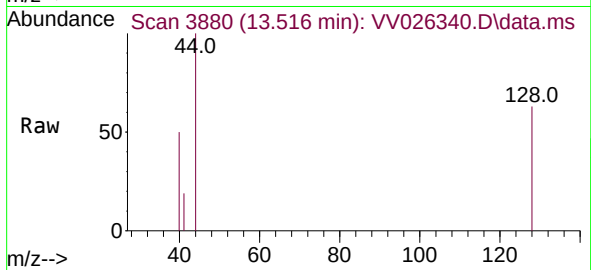
110 0.0 30.7 46.1#





#71
Naphthalene
Concen: 0.056 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026340.D
Acq: 16 Jun 2022 18:08

Instrument :
MSVOA_V
ClientSampleId :
C0BE5



Tgt Ion:128 Resp: 763
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 2.6 10.6 16.0#

