

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
 Data File : VV026294.D
 Acq On : 15 Jun 2022 21:44
 Operator : SY/MD
 Sample : N3275-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE4

Quant Time: Jun 16 01:44:16 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	193439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76514	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.317	65	74934	4.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.577	69	61059	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.117	63	103377	3.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.918	46	93115	56.797	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.600%
24) Chloroform-d	4.359	84	122341	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.040	65	50701	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.056	84	234990	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.076	67	75307	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.320	98	192930	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.629	79	18820	3.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.092	63	66132	46.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44638	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	61837	5.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%

Target Compounds

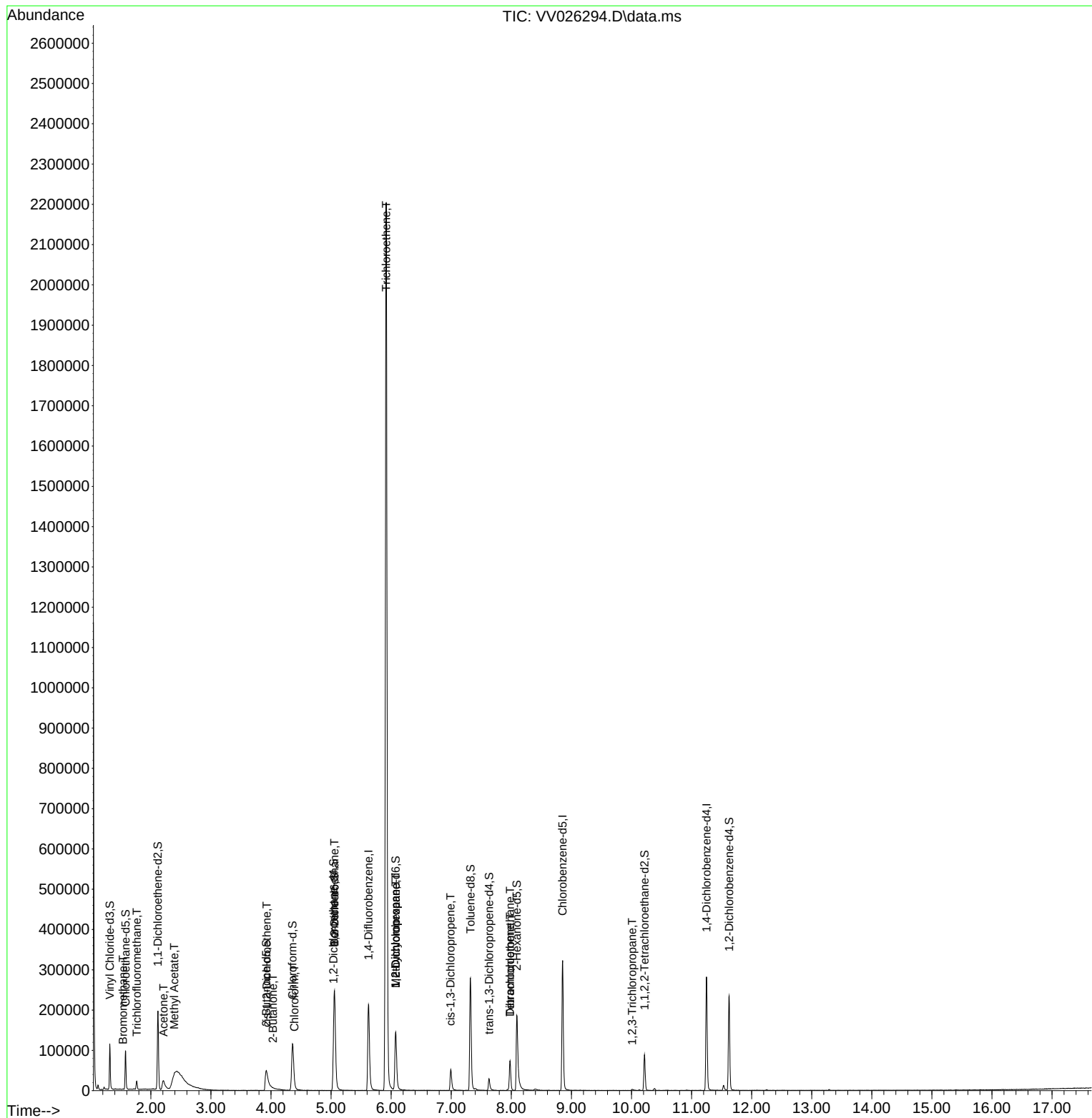
						Qvalue
6) Bromomethane	1.536	94	519	0.056	ug/L #	68
9) Trichlorofluoromethane	1.764	101	12294	0.533	ug/L	97
13) Acetone	2.211	43	49230	38.748	ug/L	86
15) Methyl Acetate	2.388	43	9767	3.204	ug/L #	48
21) 2-Butanone	4.034	43	2949	1.794	ug/L	96
22) cis-1,2-Dichloroethene	3.928	96	7315	0.610	ug/L	90
25) Chloroform	4.388	83	2996	0.122	ug/L	89
27) 1,2-Dichloroethane	5.056	62	1246	0.112	ug/L #	71
34) Trichloroethene	5.915	95	782814	59.815	ug/L	97
35) Methylcyclohexane	6.076	83	18048	0.997	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	7720	0.616	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1333	0.093	ug/L #	61
47) Tetrachloroethene	7.979	164	16644	1.717	ug/L	97
49) Dibromochloromethane	7.979	129	15323	1.681	ug/L #	9
61) 1,2,3-Trichloropropane	10.011	75	1655	0.333	ug/L #	39

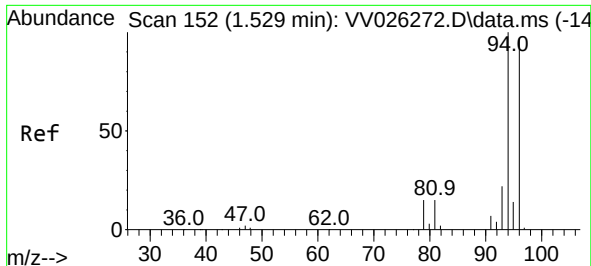
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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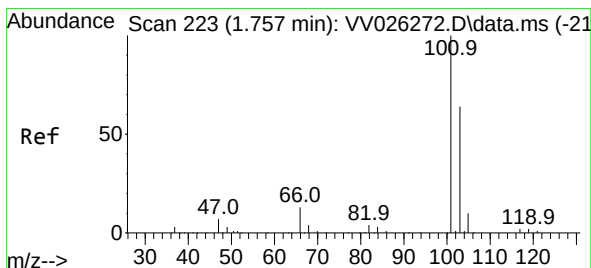
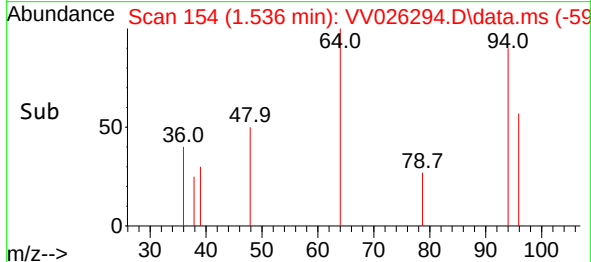
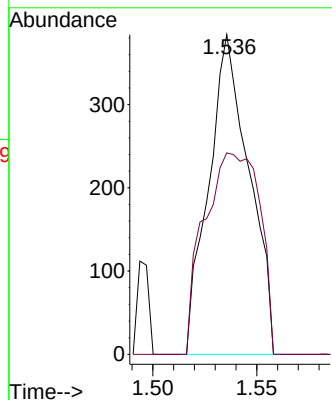
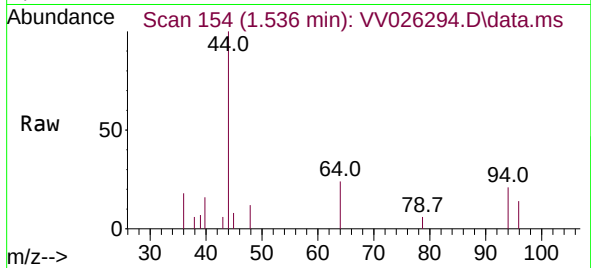




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

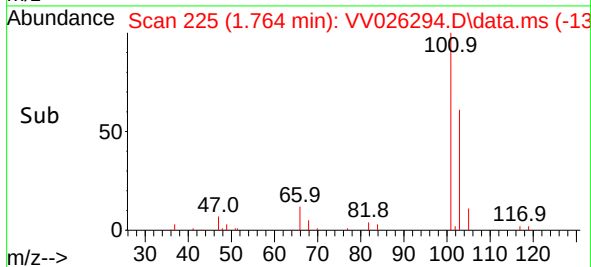
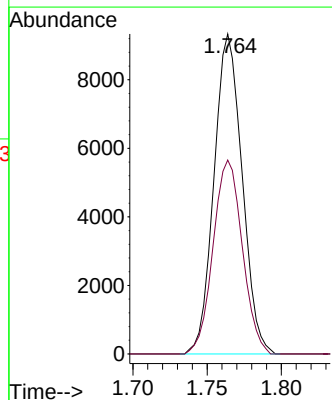
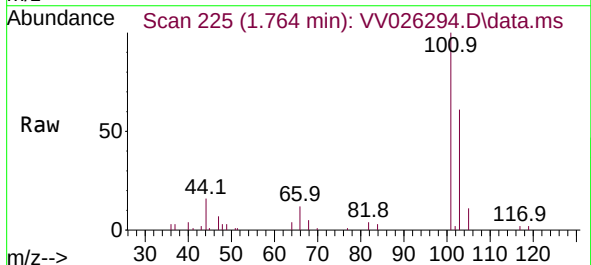
Instrument :
MSVOA_V
ClientSampleId :
C0BE4

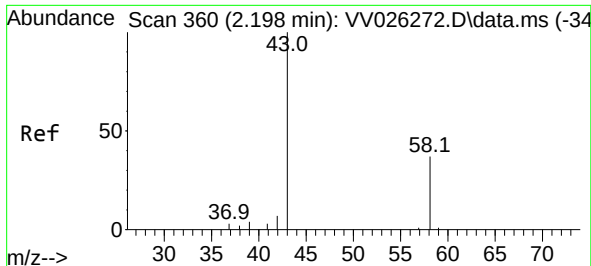
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 63.0 65.7 121.9#



#9
Trichlorofluoromethane
Concen: 0.533 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.006 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

Tgt Ion:101 Resp: 12294
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5





#13

Acetone

Concen: 38.748 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV026294.D

Acq: 15 Jun 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

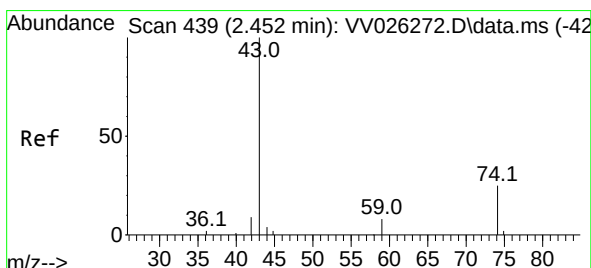
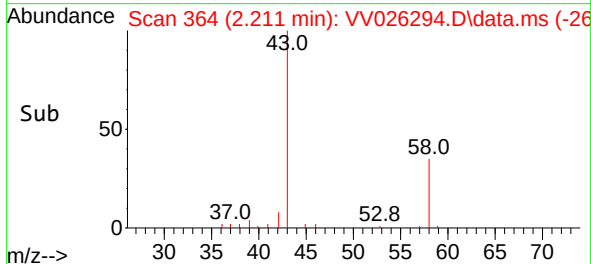
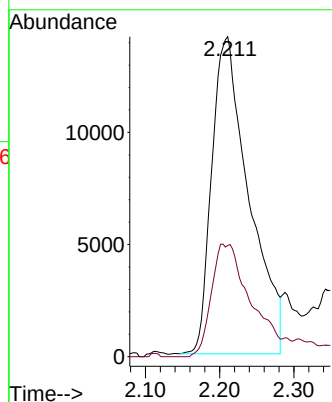
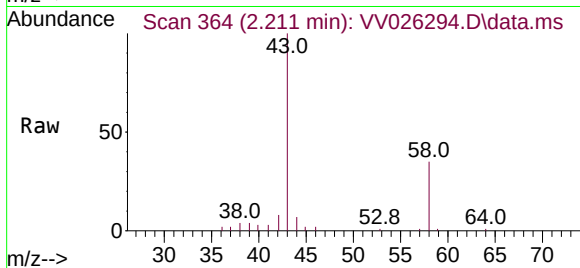
C0BE4

Tgt Ion: 43 Resp: 49230

Ion Ratio Lower Upper

43 100

58 37.6 0.0 60.0



#15

Methyl Acetate

Concen: 3.204 ug/L

RT: 2.388 min Scan# 419

Delta R.T. -0.064 min

Lab File: VV026294.D

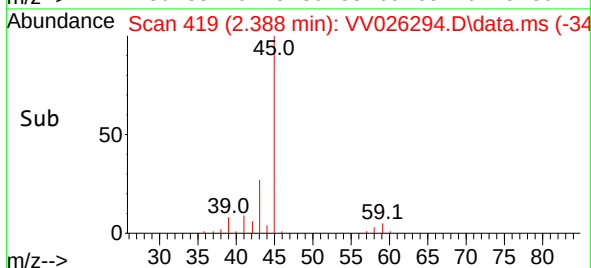
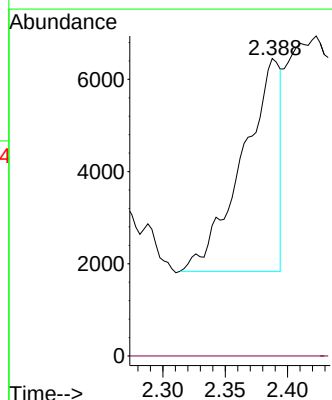
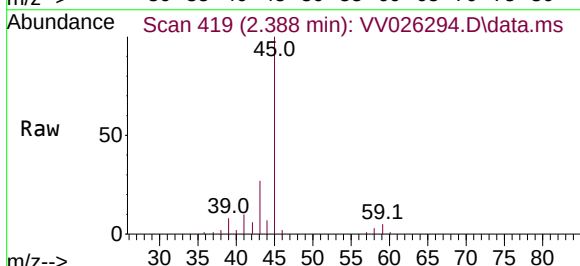
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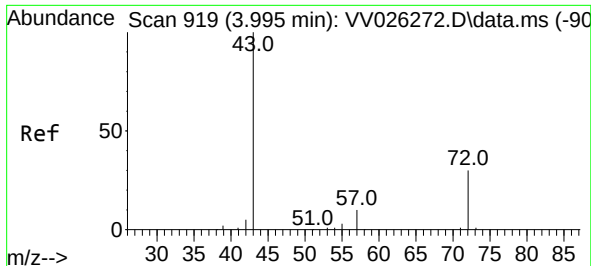
Tgt Ion: 43 Resp: 9767

Ion Ratio Lower Upper

43 100

74 0.0 21.4 32.0#

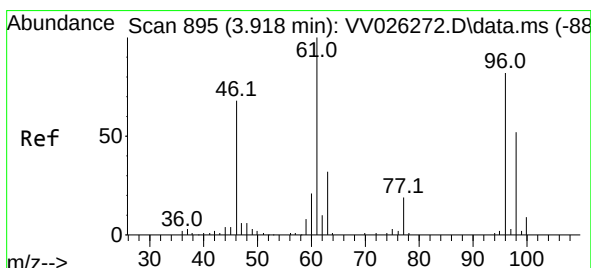
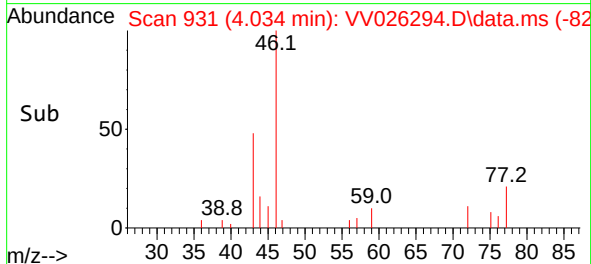
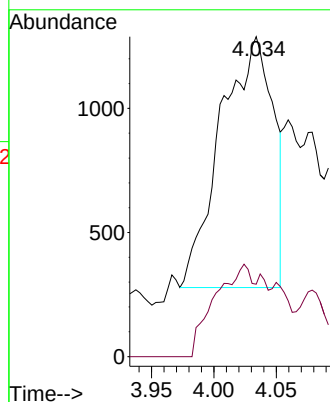
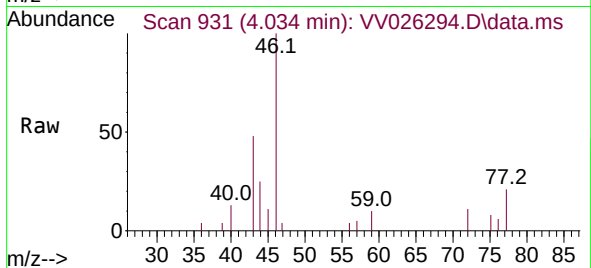




#21
2-Butanone
Concen: 1.794 ug/L
RT: 4.034 min Scan# 919
Delta R.T. 0.039 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

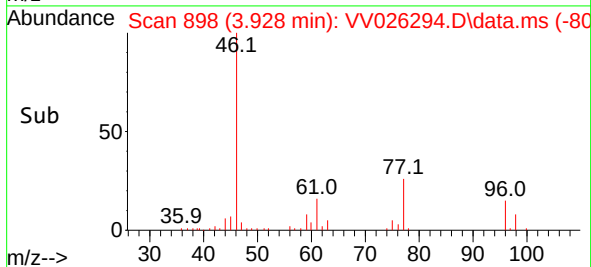
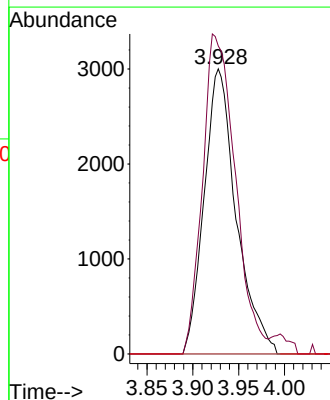
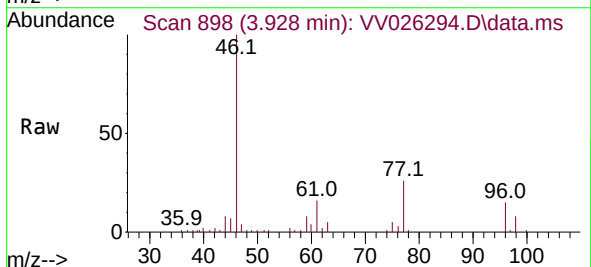
Instrument :
MSVOA_V
ClientSampleId :
C0BE4

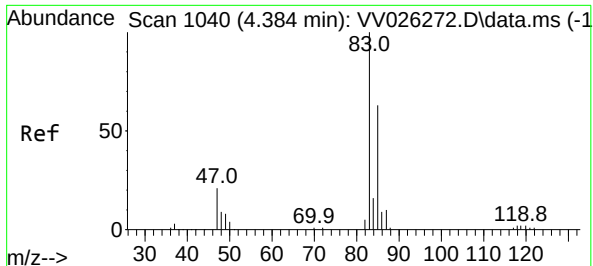
Tgt Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
72 27.4 12.7 38.0



#22
cis-1,2-Dichloroethene
Concen: 0.610 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.010 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

Tgt Ion: 96 Resp: 7315
Ion Ratio Lower Upper
96 100
61 108.0 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.122 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.003 min

Lab File: VV026294.D

Acq: 15 Jun 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

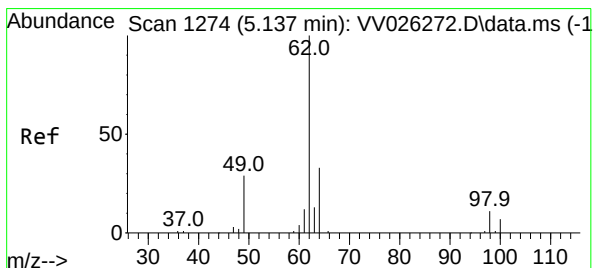
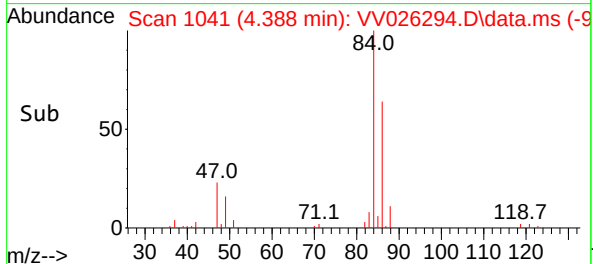
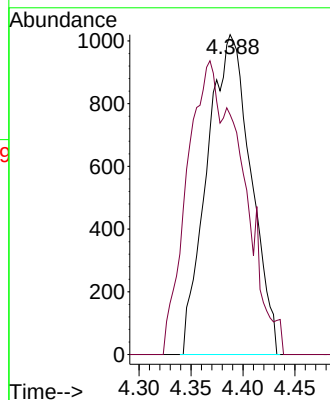
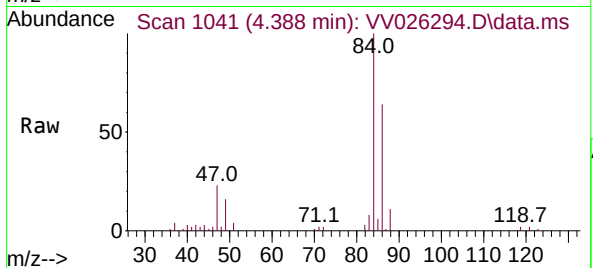
C0BE4

Tgt Ion: 83 Resp: 2996

Ion Ratio Lower Upper

83 100

85 75.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV026294.D

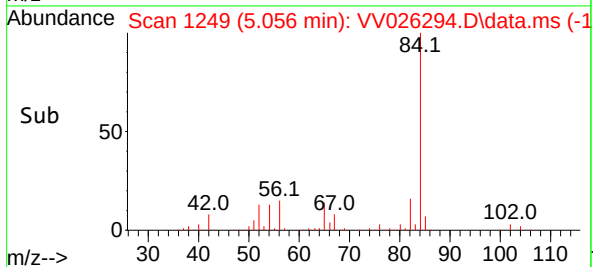
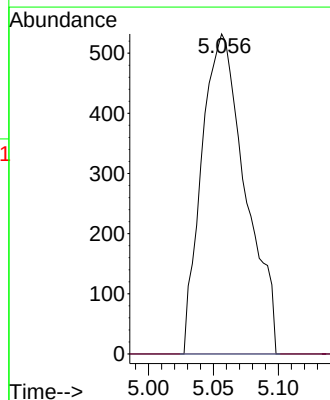
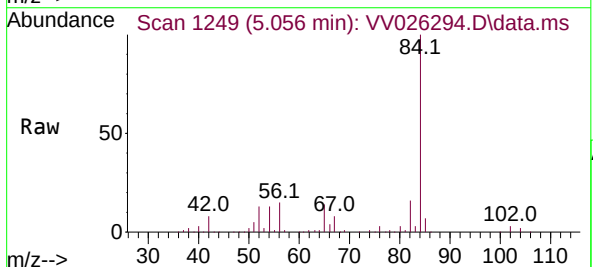
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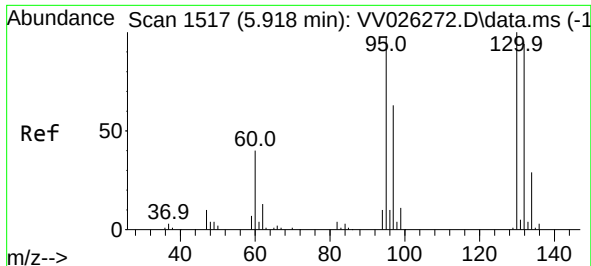
Tgt Ion: 62 Resp: 1246

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

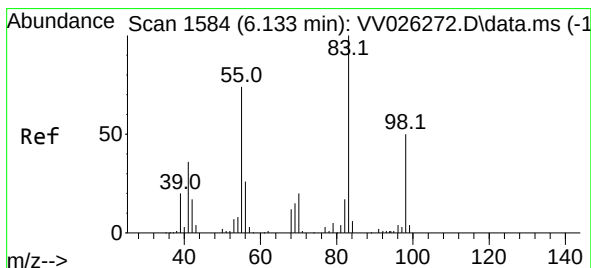
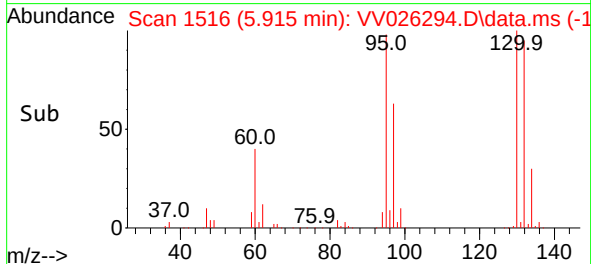
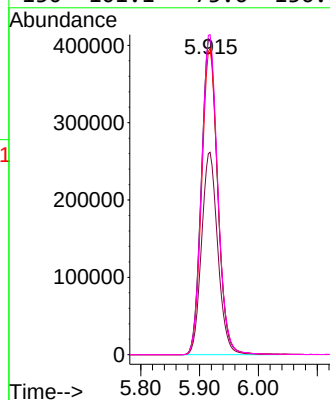
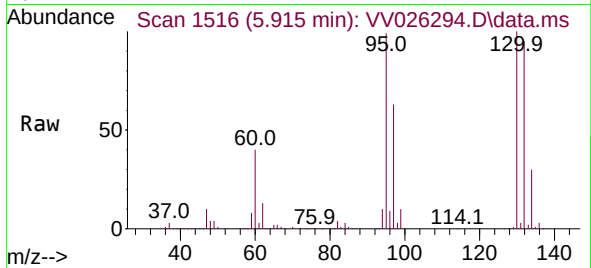




#34
Trichloroethene
Concen: 59.815 ug/L
RT: 5.915 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

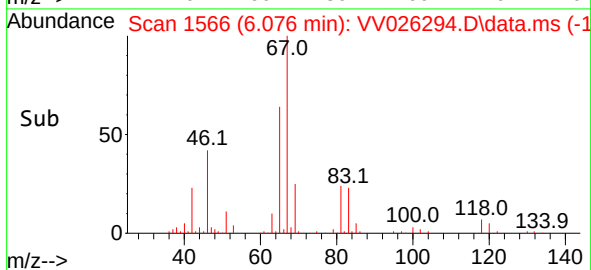
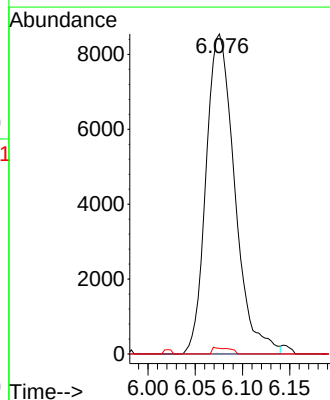
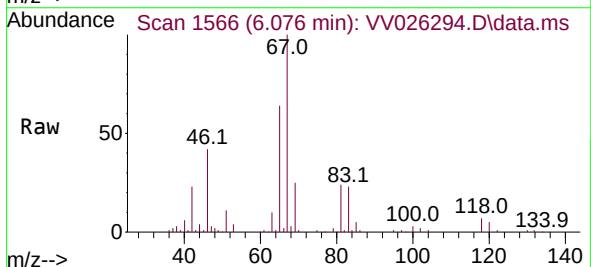
Instrument :
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ClientSampleId :
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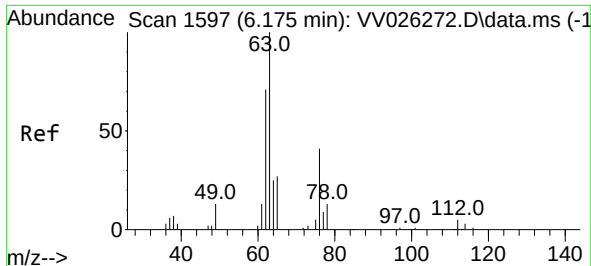
Tgt Ion: 95 Resp: 782814
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.3
132 96.0 68.8 127.8
130 101.1 73.6 136.6



#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026294.D
Acq: 15 Jun 2022 21:44

Tgt Ion: 83 Resp: 18048
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 0.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026294.D

Acq: 15 Jun 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

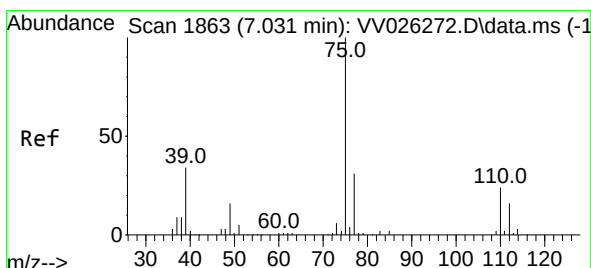
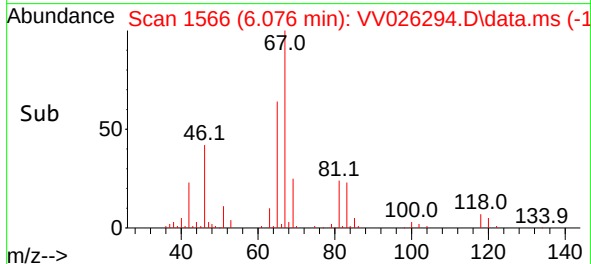
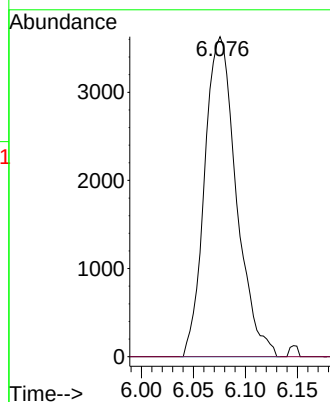
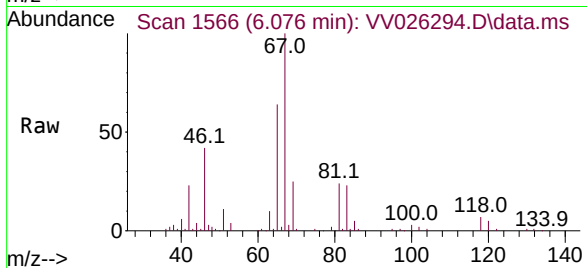
C0BE4

Tgt Ion: 63 Resp: 7720

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026294.D

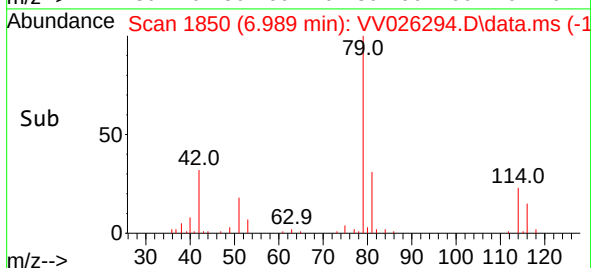
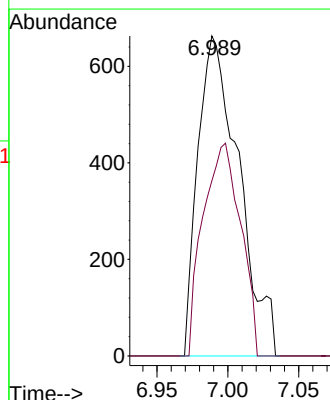
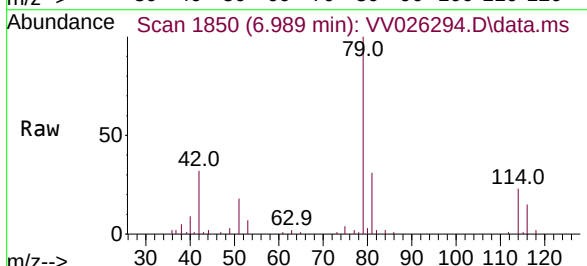
Acq: 15 Jun 2022 21:44

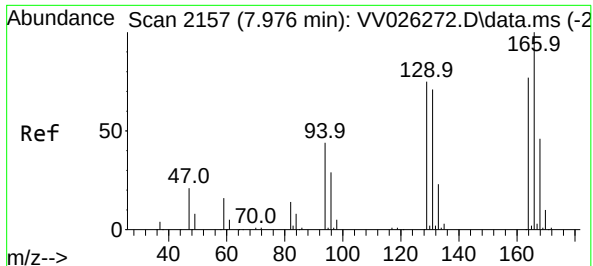
Tgt Ion: 75 Resp: 1333

Ion Ratio Lower Upper

75 100

77 54.8 23.0 42.6#





#47

Tetrachloroethene

Concen: 1.717 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026294.D

Acq: 15 Jun 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

C0BE4

Tgt Ion:164 Resp: 16644

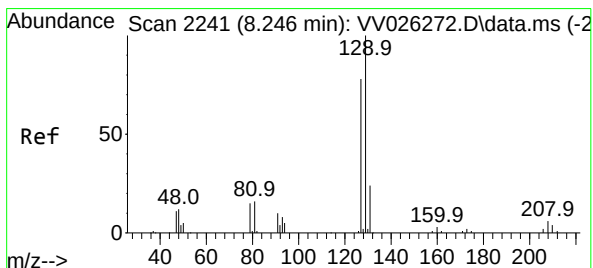
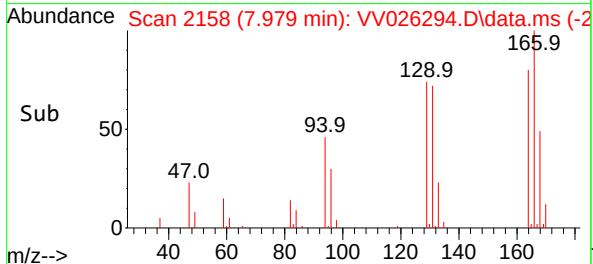
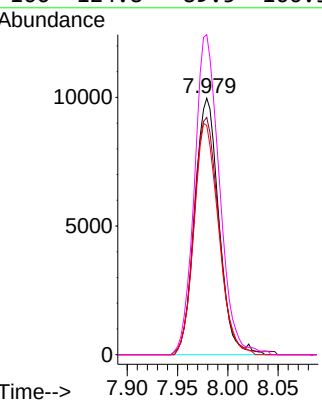
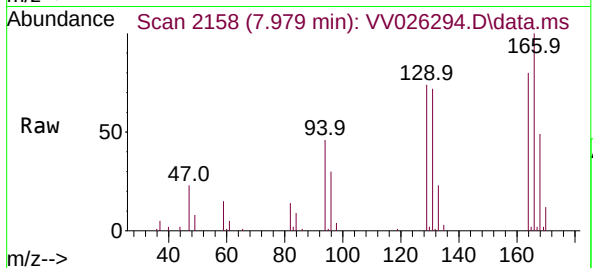
Ion Ratio Lower Upper

164 100

129 92.5 67.5 125.3

131 89.4 63.8 118.4

166 124.8 89.5 166.3



#49

Dibromochloromethane

Concen: 1.681 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026294.D

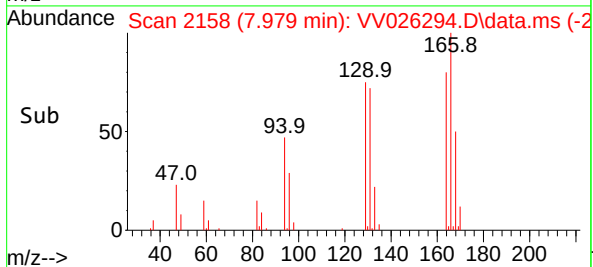
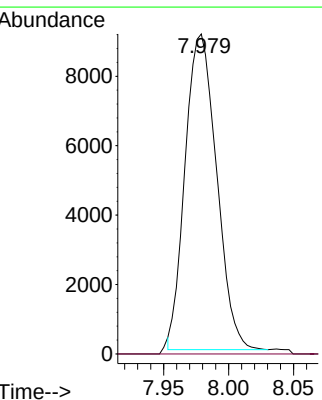
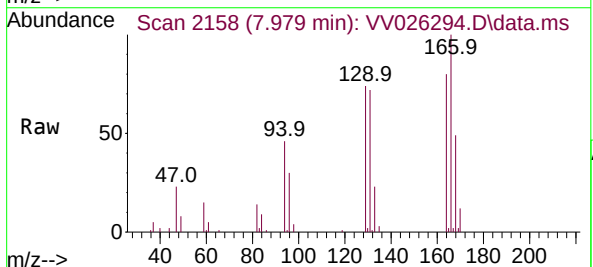
Acq: 15 Jun 2022 21:44

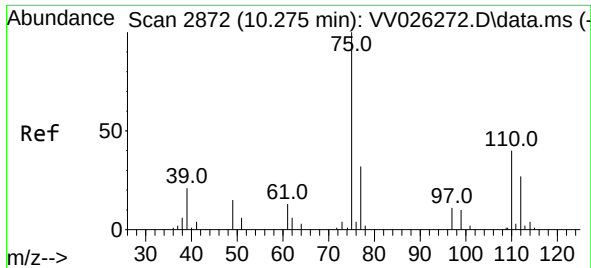
Tgt Ion:129 Resp: 15323

Ion Ratio Lower Upper

129 100

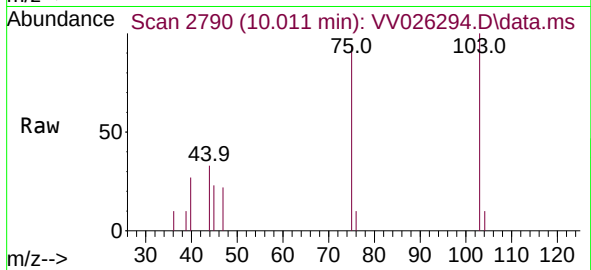
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.333 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV026294.D
 Acq: 15 Jun 2022 21:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE4



Tgt Ion: 75	Resp:	1655
Ion	Ratio	Lower Upper
75	100	
77	0.0	26.9 40.3#
110	0.0	30.7 46.1#

