

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023179.D
 Acq On : 03 Nov 2021 11:57
 Operator : SY/MD
 Sample : M4412-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:02:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

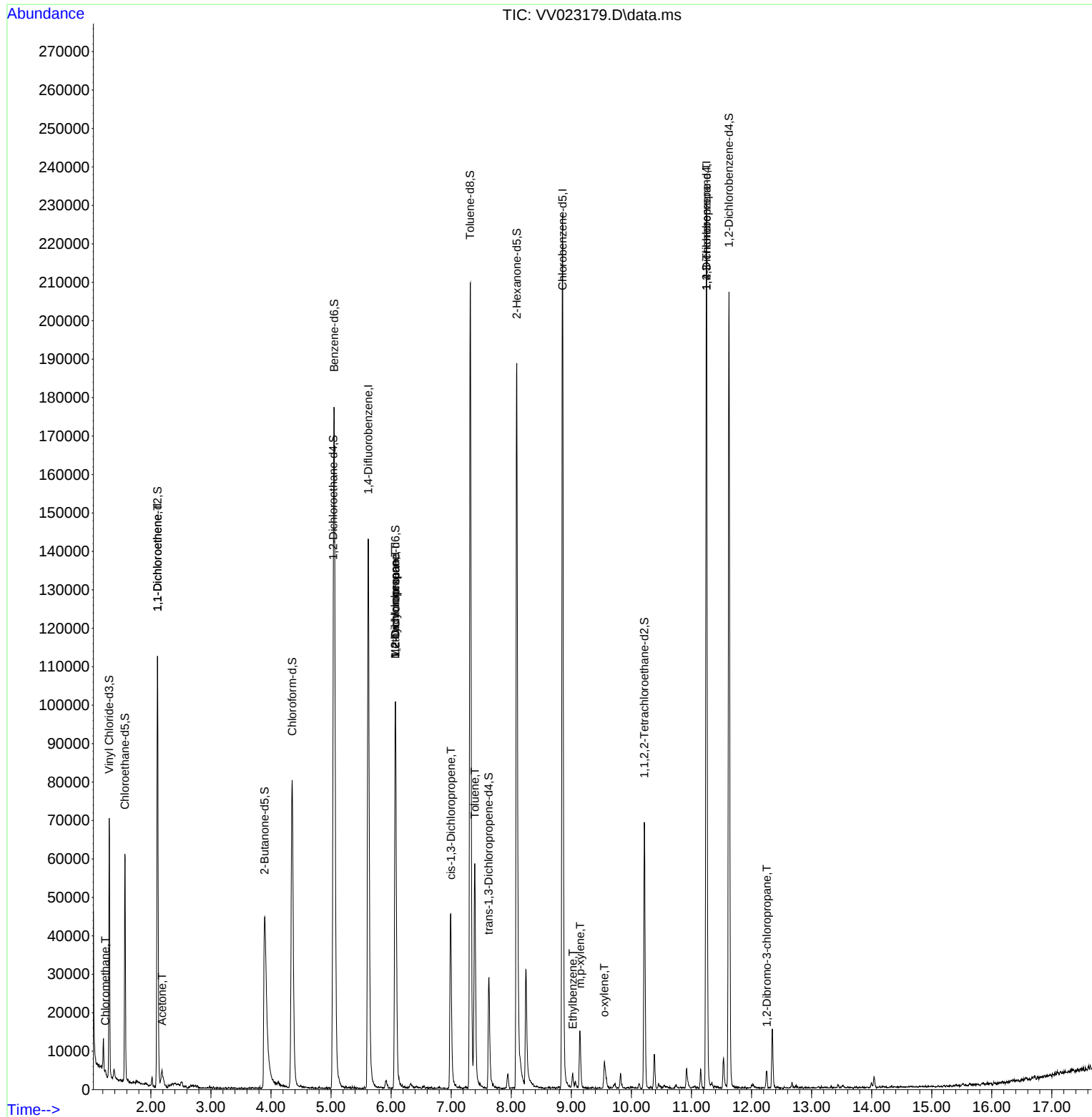
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41967	3.760	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.568	69	34099	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.111	63	57928	3.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.892	46	82174	45.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	4.352	84	84430	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.037	65	39847	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.053	84	163197	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.072	67	49503	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.317	98	140413	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.625	79	17542	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.092	63	63078	41.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31784	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	55287	4.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	729	0.083	ug/L	94
12) 1,1-Dichloroethene	2.111	96	516	0.079	ug/L #	1
13) Acetone	2.185	43	6859	7.807	ug/L	98
35) Methylcyclohexane	6.069	83	12063	0.966	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5490	0.628	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1341	0.123	ug/L #	63
42) Toluene	7.394	91	45456	1.293	ug/L	100
52) Ethylbenzene	9.024	91	3266	0.094	ug/L	99
53) m,p-xylene	9.146	106	4756	0.340	ug/L	89
54) o-xylene	9.551	106	1764	0.134	ug/L	72
61) 1,2,3-Trichloropropane	11.249	75	6672	1.520	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	163	0.188	ug/L #	1

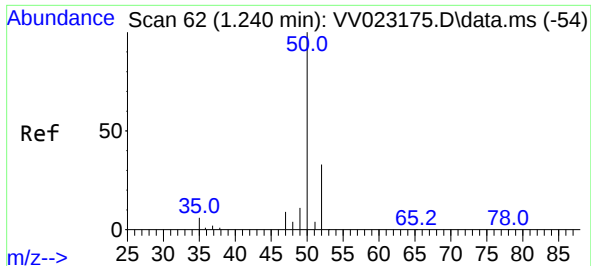
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

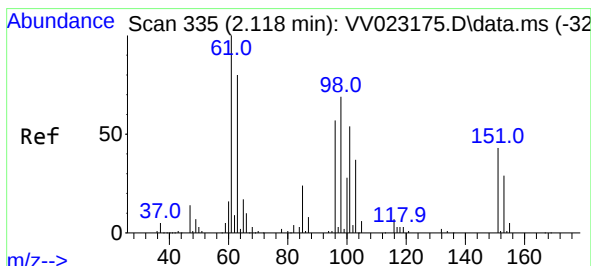
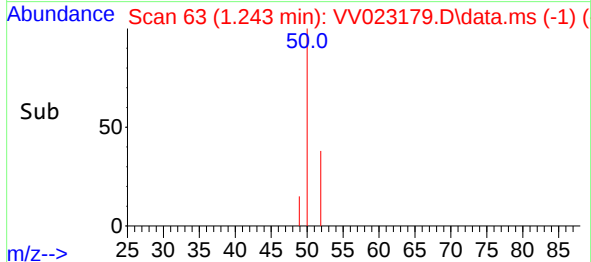
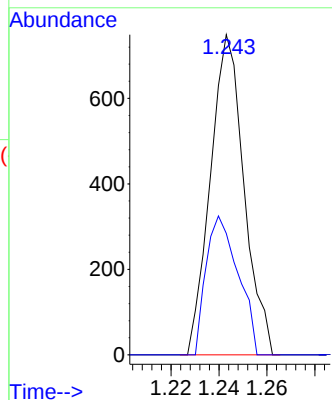
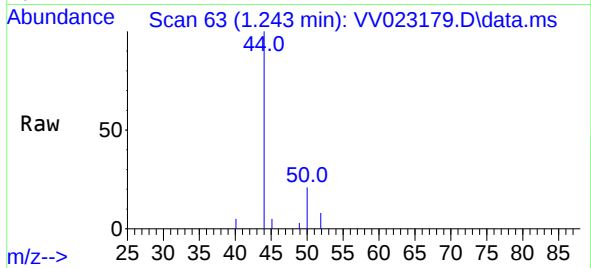




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

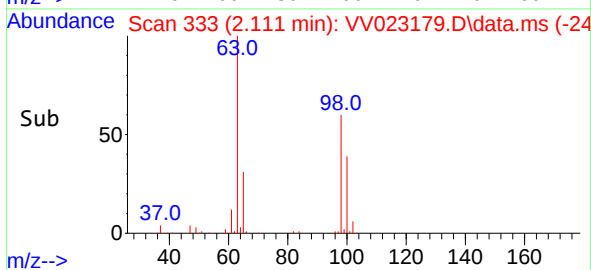
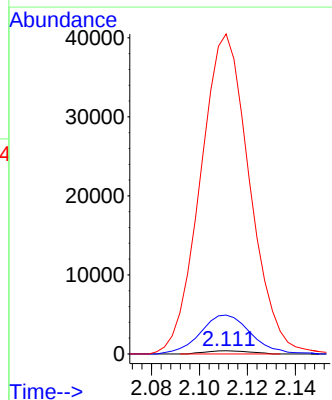
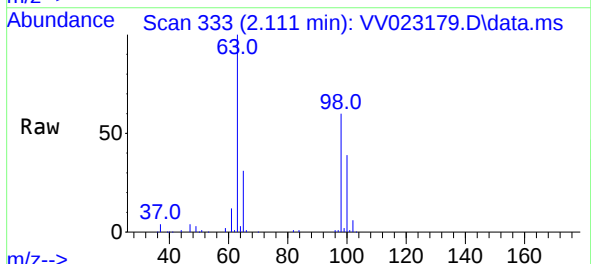
Instrument :
MSVOA_V
ClientSampleId :

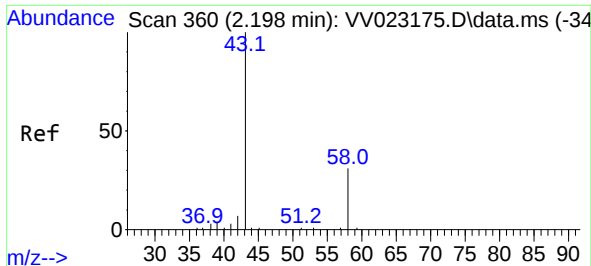
Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 37.9 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 1231.5 121.5 225.7#
63 10122.0 99.6 185.0#





#13

Acetone

Concen: 7.807 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023179.D

Acq: 03 Nov 2021 11:57

Instrument :

MSVOA_V

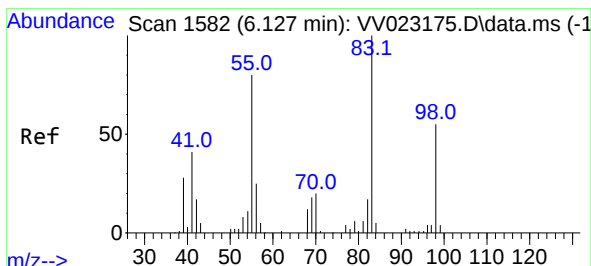
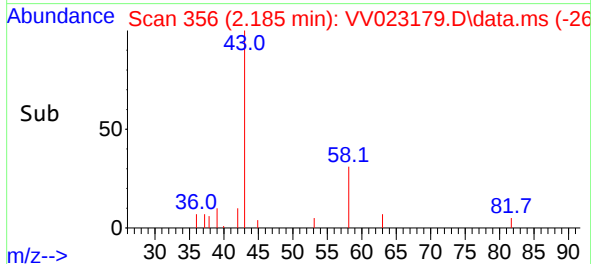
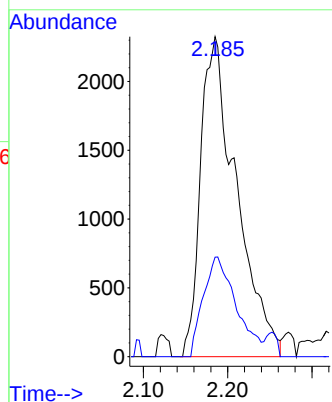
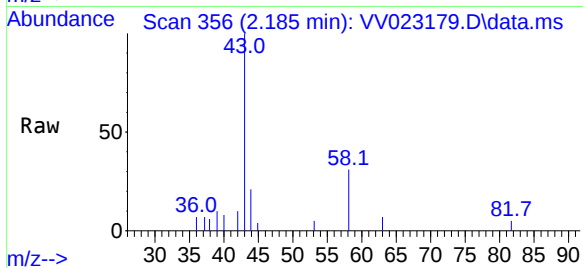
ClientSampleId :

Tgt Ion: 43 Resp: 6859

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.4



#35

Methylcyclohexane

Concen: 0.966 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV023179.D

Acq: 03 Nov 2021 11:57

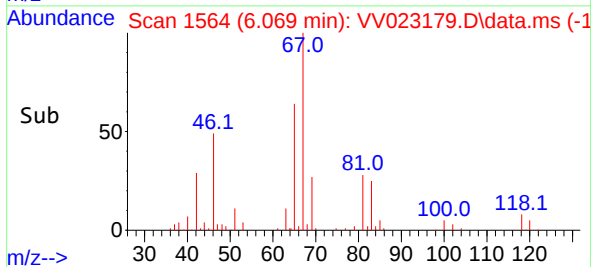
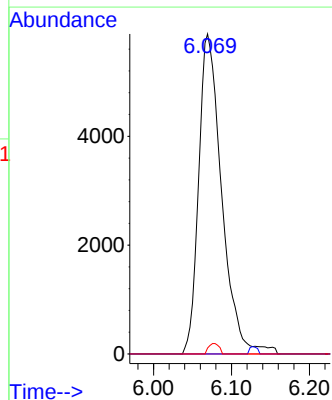
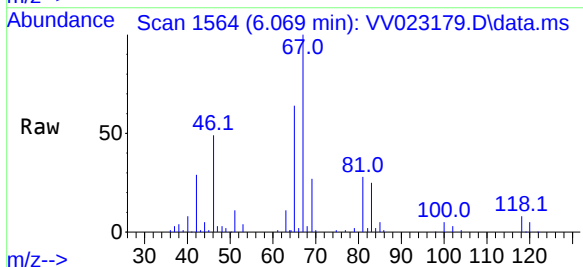
Tgt Ion: 83 Resp: 12063

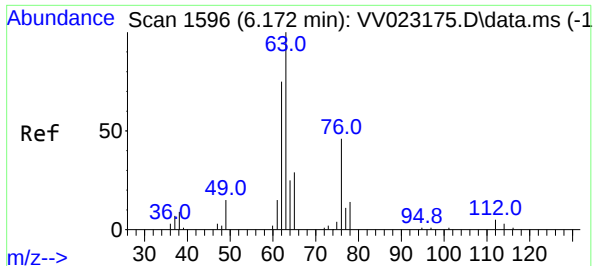
Ion Ratio Lower Upper

83 100

55 0.8 62.8 94.2#

98 1.5 37.9 56.9#

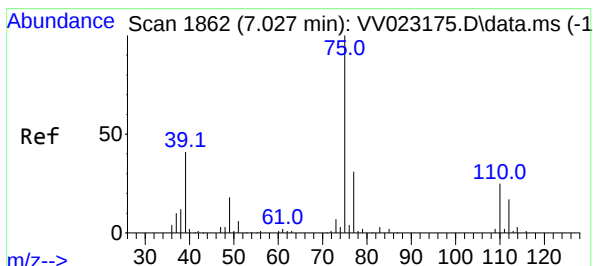
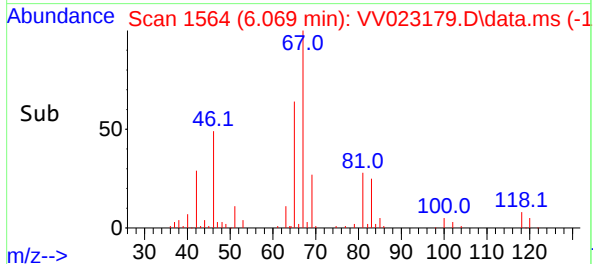
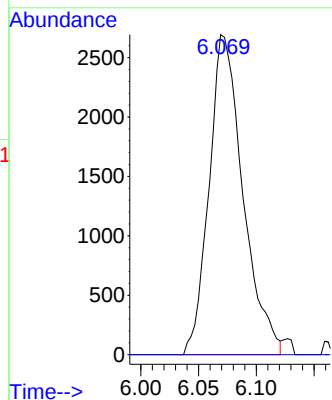
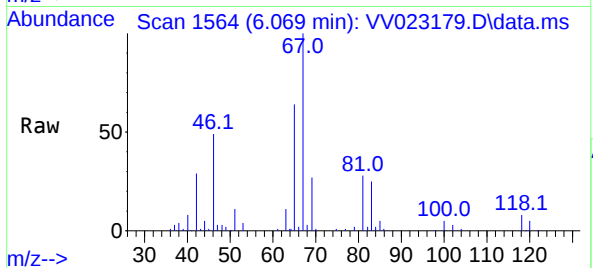




#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

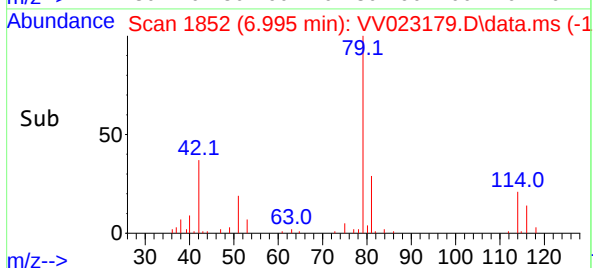
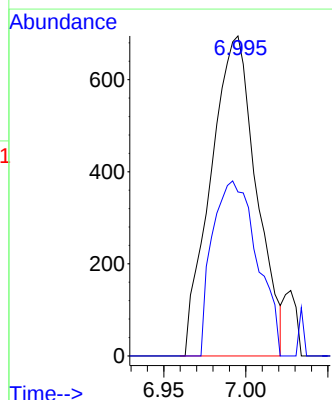
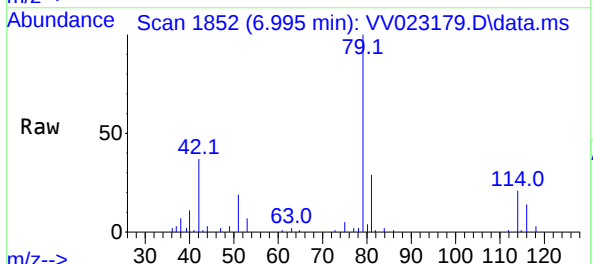
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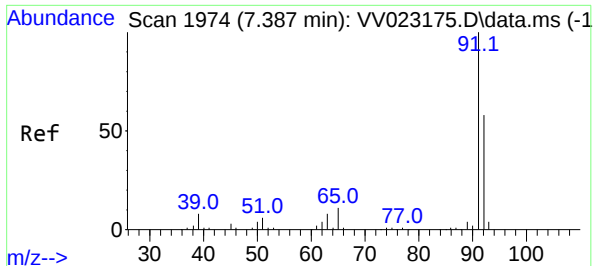
Tgt Ion: 63 Resp: 5490
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.035 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

Tgt Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
77 51.2 21.6 40.2#





#42

Toluene

Concen: 1.293 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023179.D

Acq: 03 Nov 2021 11:57

Instrument :

MSVOA_V

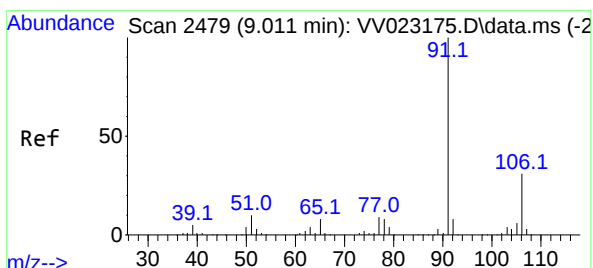
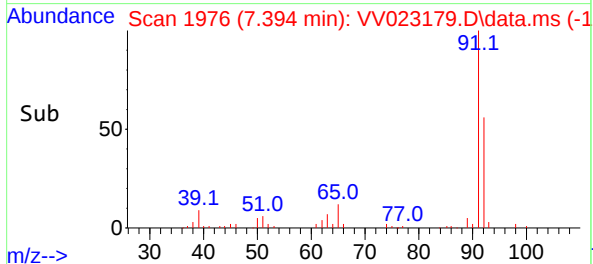
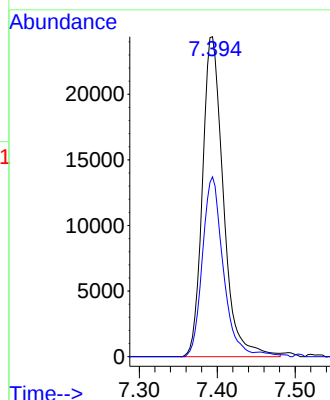
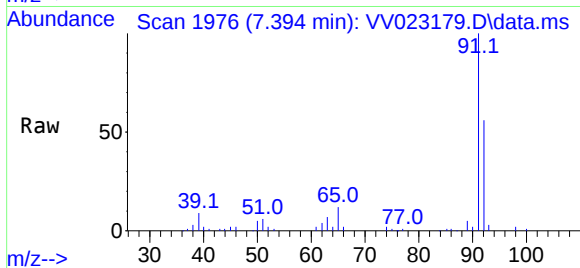
ClientSampleId :

Tgt Ion: 91 Resp: 45456

Ion Ratio Lower Upper

91 100

92 56.2 39.3 72.9



#52

Ethylbenzene

Concen: 0.094 ug/L

RT: 9.024 min Scan# 2483

Delta R.T. 0.010 min

Lab File: VV023179.D

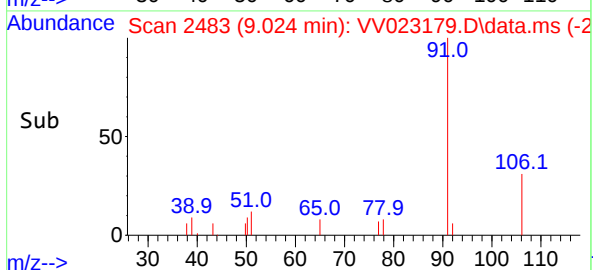
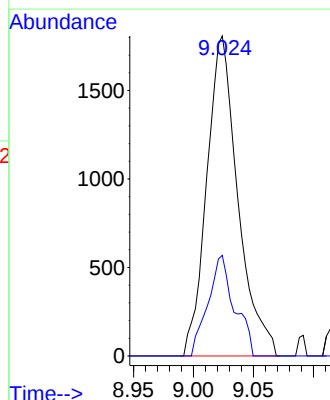
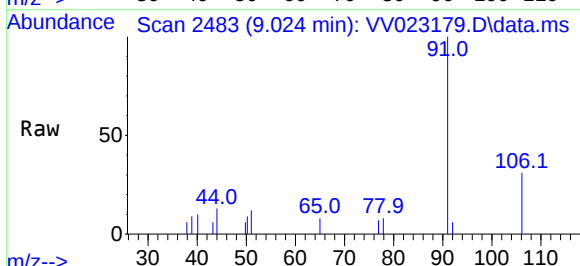
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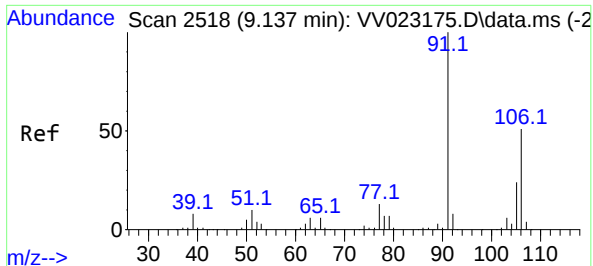
Tgt Ion: 91 Resp: 3266

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.9

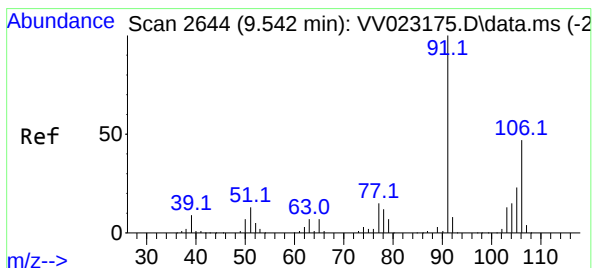
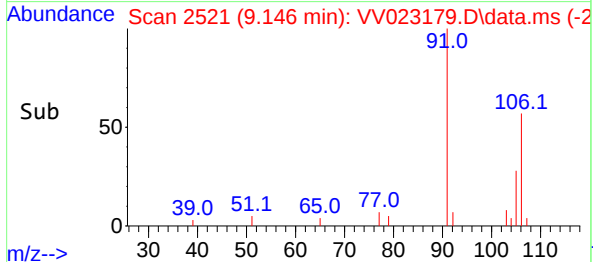
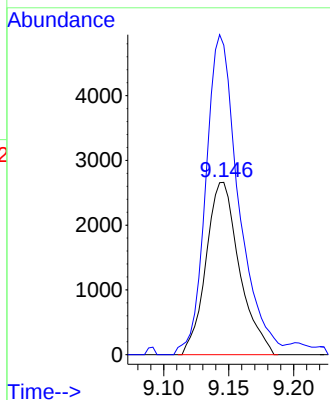
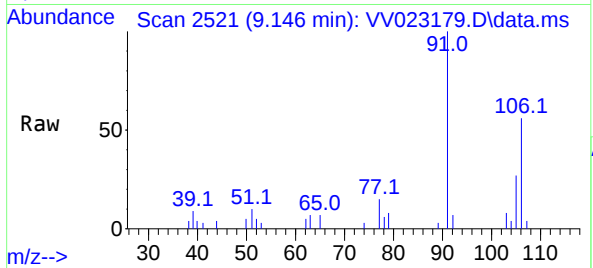




#53
m,p-xylene
Concen: 0.340 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

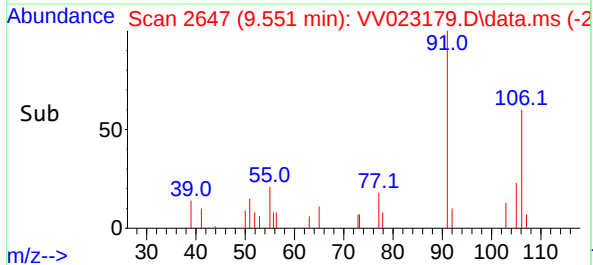
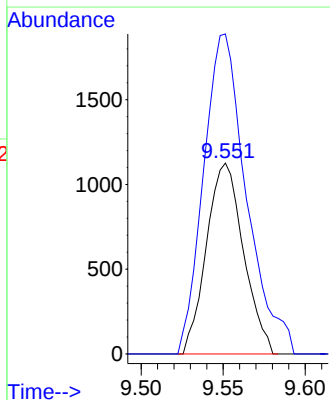
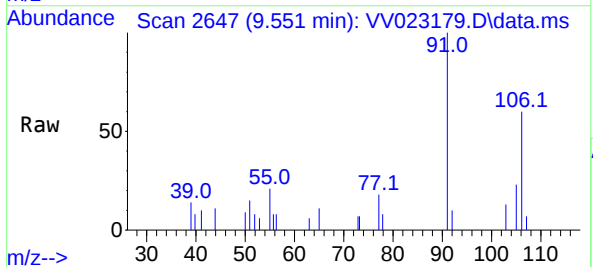
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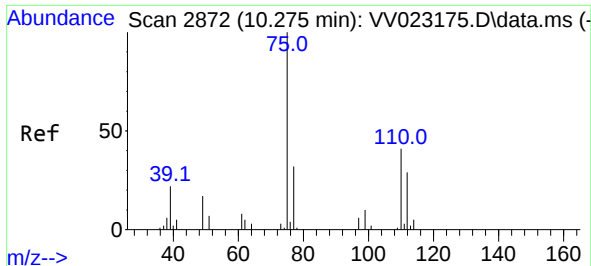
Tgt Ion:106 Resp: 4756
Ion Ratio Lower Upper
106 100
91 179.6 137.2 254.8



#54
o-xylene
Concen: 0.134 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.007 min
Lab File: VV023179.D
Acq: 03 Nov 2021 11:57

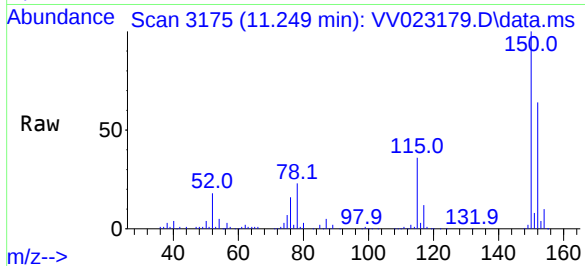
Tgt Ion:106 Resp: 1764
Ion Ratio Lower Upper
106 100
91 167.7 148.3 275.5



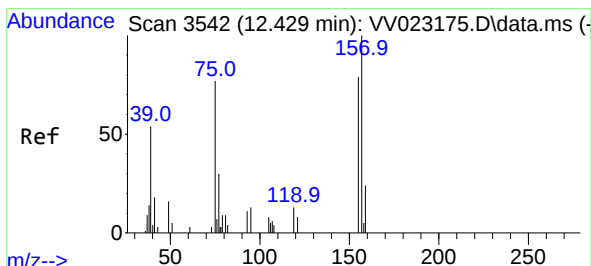
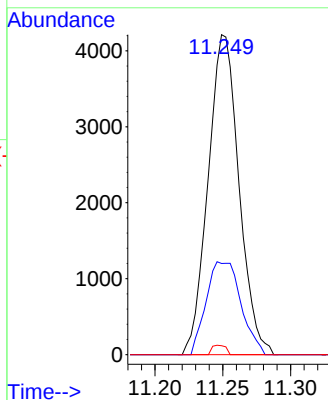
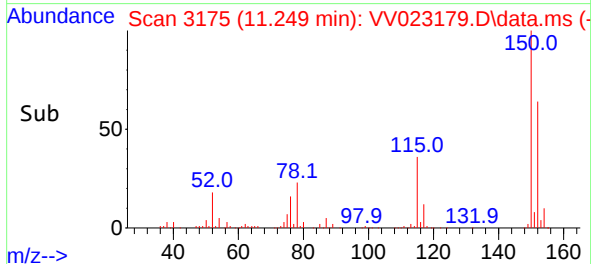


#61
 1,2,3-Trichloropropane
 Concen: 1.520 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023179.D
 Acq: 03 Nov 2021 11:57

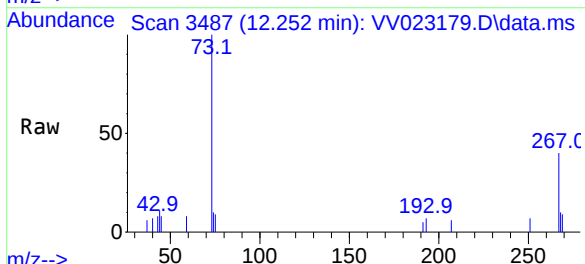
Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6672
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.6 39.8
 110 1.3 31.8 47.6#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.188 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV023179.D
 Acq: 03 Nov 2021 11:57



Tgt Ion: 75 Resp: 163
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#

