

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023472.D
 Acq On : 15 Nov 2021 11:09
 Operator : SY/MD
 Sample : M4616-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7DL

Quant Time: Nov 16 00:30:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

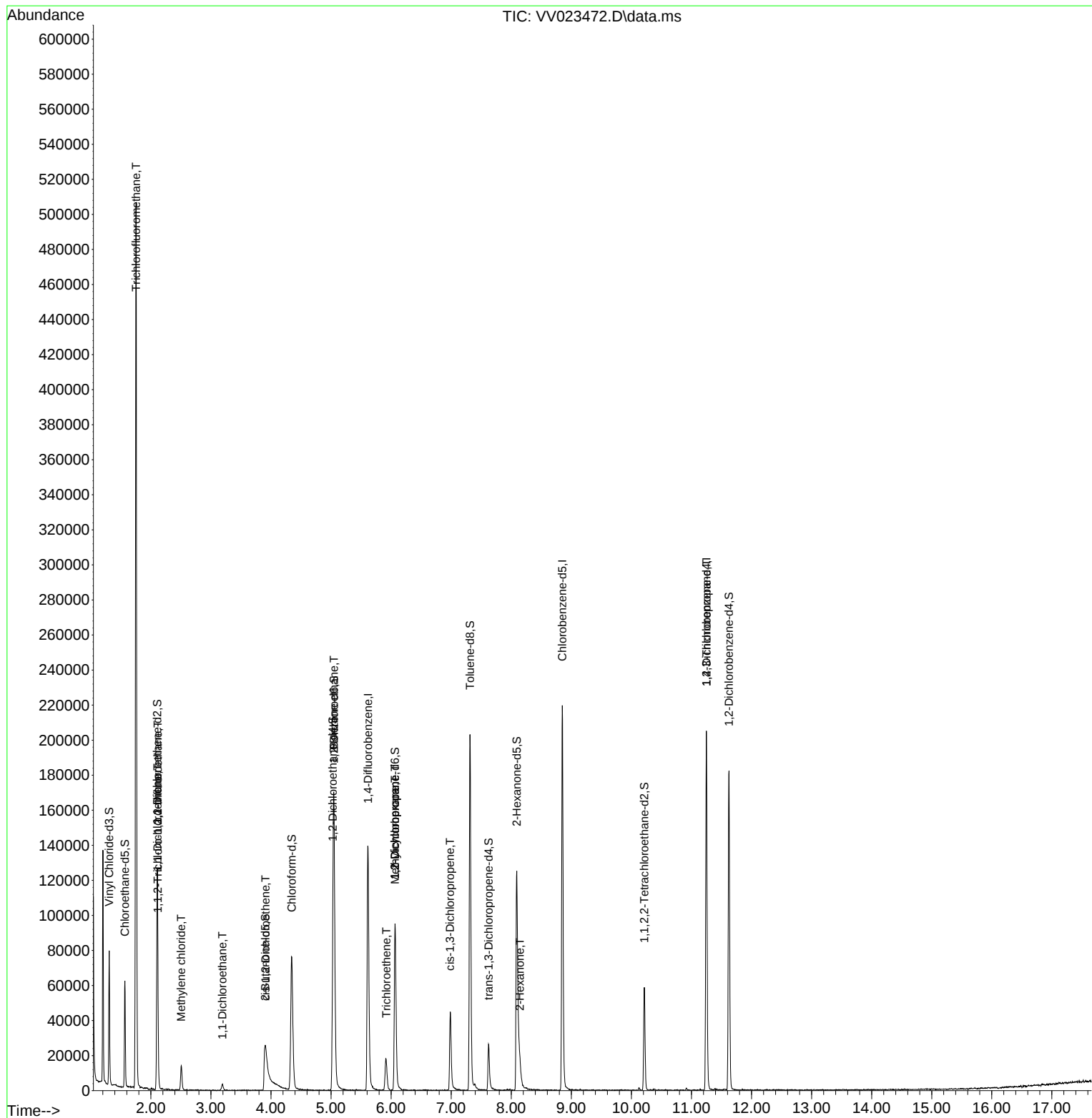
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47093	6.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.200%
7) Chloroethane-d5	1.568	69	35864	5.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	2.108	63	62208	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.905	46	54146	40.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.240%
24) Chloroform-d	4.346	84	79326	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.031	65	37400	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.047	84	156496	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.066	67	44813	4.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.313	98	137089	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.622	79	16111	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.091	63	44859	34.377	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27299	4.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49998	5.383	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	283413	18.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	3874	0.495	ug/L	90
12) 1,1-Dichloroethene	2.114	96	1106	0.148	ug/L #	1
16) Methylene chloride	2.507	84	5564	0.511	ug/L	96
19) 1,1-Dichloroethane	3.191	63	3500	0.226	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	791	0.090	ug/L #	98
27) 1,2-Dichloroethane	5.050	62	1018	0.116	ug/L #	72
34) Trichloroethene	5.921	95	5509	0.599	ug/L	99
35) Methylcyclohexane	6.063	83	11843	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5369	0.664	ug/L #	83
39) cis-1,3-Dichloropropene	6.982	75	1298	0.112	ug/L #	49
48) 2-Hexanone	8.143	43	8594	3.273	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	6100	1.646	ug/L #	66

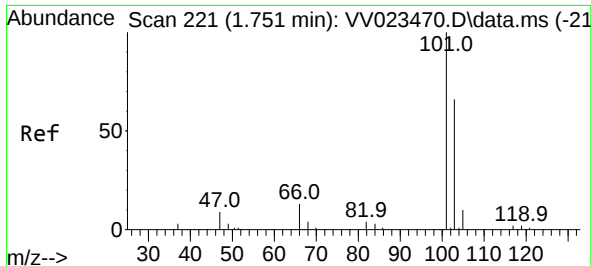
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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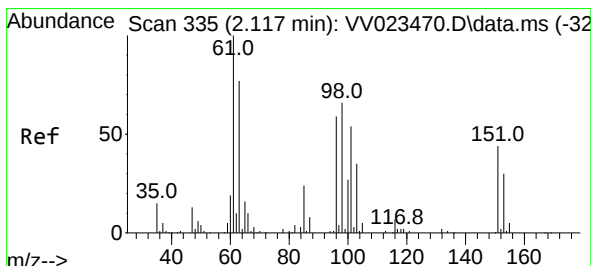
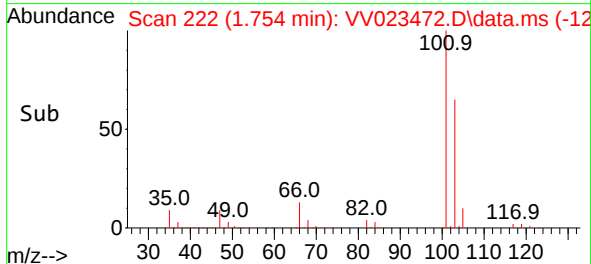
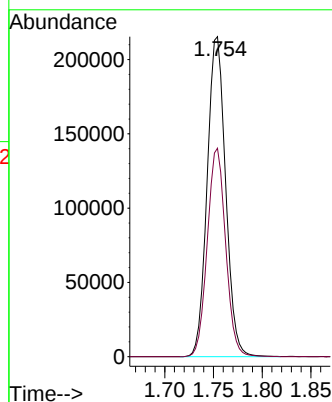
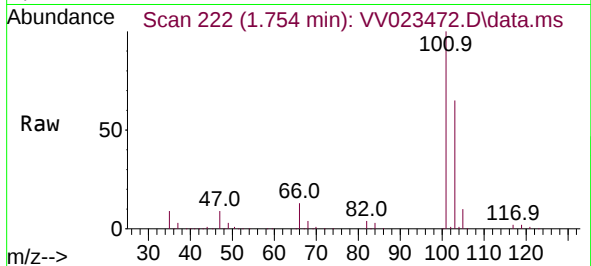




#9
Trichlorofluoromethane
Concen: 18.219 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

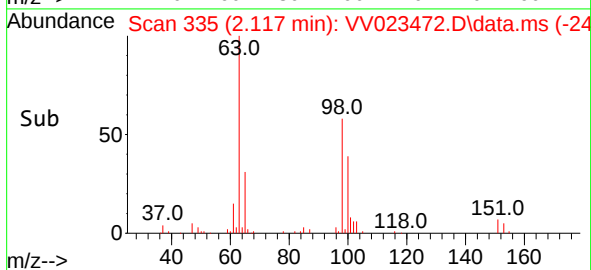
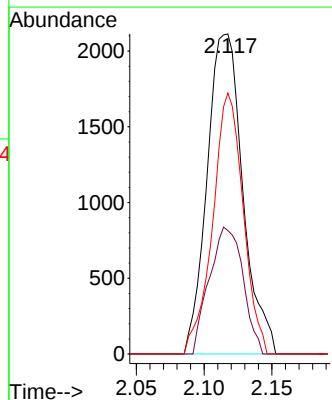
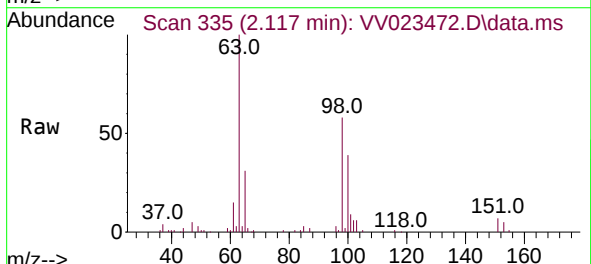
Instrument :
MSVOA_V
ClientSampleId :
BG1X7DL

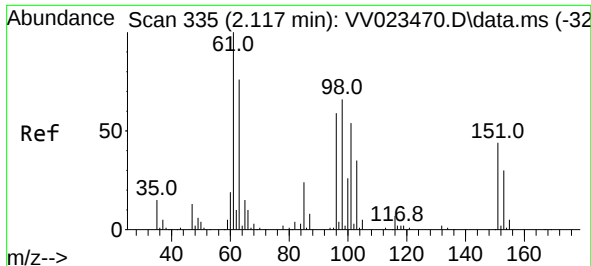
Tgt Ion:101 Resp: 283413
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.495 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

Tgt Ion:101 Resp: 3874
Ion Ratio Lower Upper
101 100
85 37.4 35.3 52.9
151 69.6 62.2 93.2

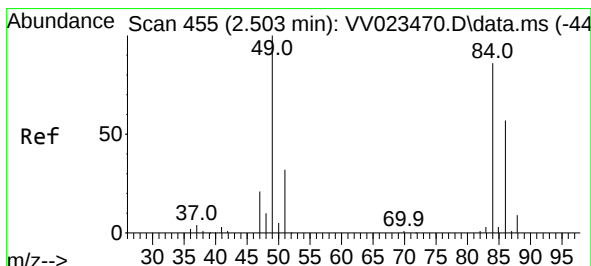
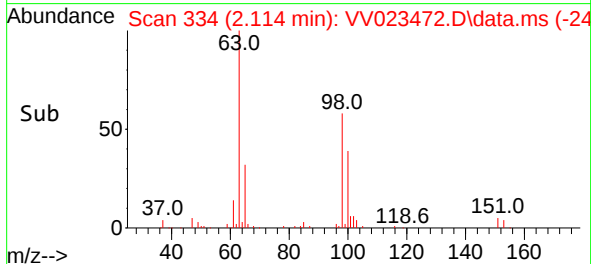
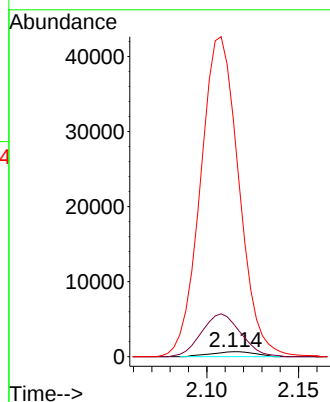
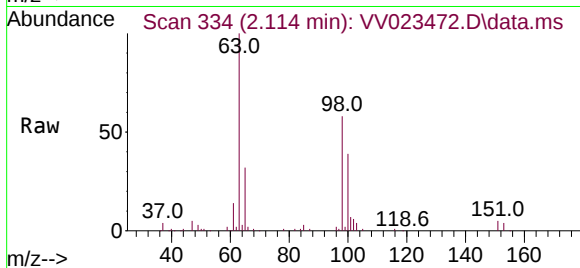




#12
1,1-Dichloroethene
Concen: 0.148 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

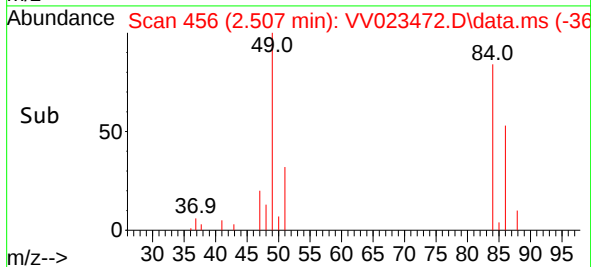
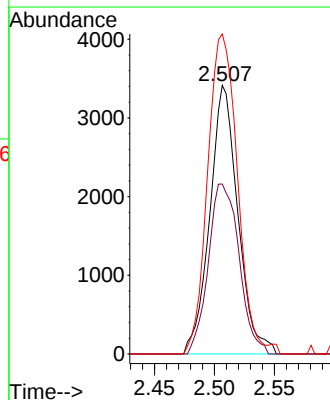
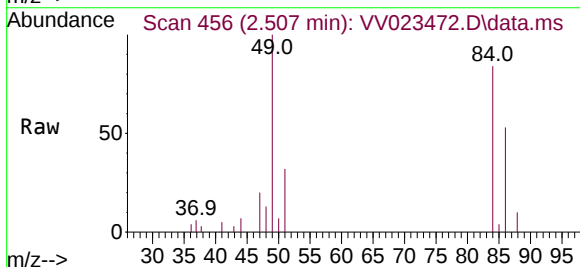
Instrument :
MSVOA_V
ClientSampleId :
BG1X7DL

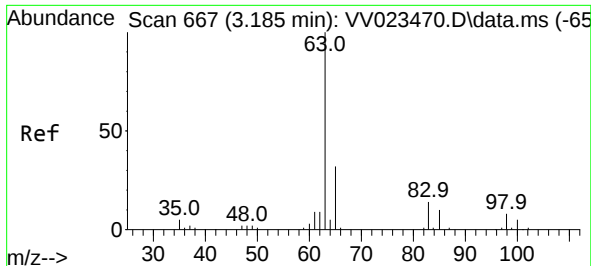
Tgt Ion: 96 Resp: 1106
Ion Ratio Lower Upper
96 100
61 666.1 121.5 225.7#
63 4791.6 99.6 185.0#



#16
Methylene chloride
Concen: 0.511 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

Tgt Ion: 84 Resp: 5564
Ion Ratio Lower Upper
84 100
86 63.3 42.3 78.5
49 119.1 79.7 148.1





#19

1,1-Dichloroethane

Concen: 0.226 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV023472.D

Acq: 15 Nov 2021 11:09

Instrument :

MSVOA_V

ClientSampleId :

BG1X7DL

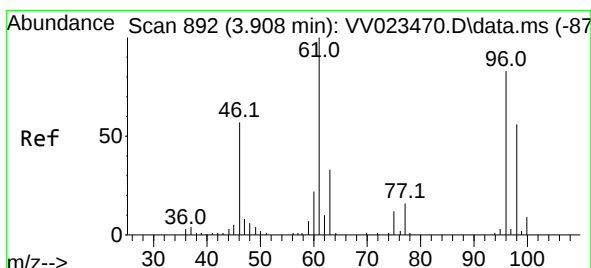
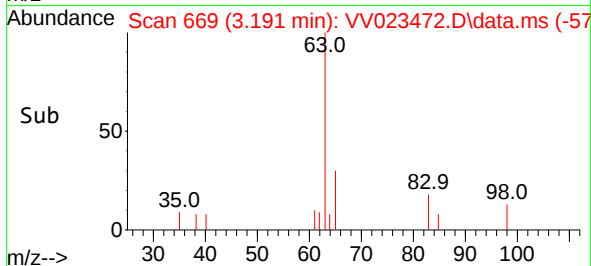
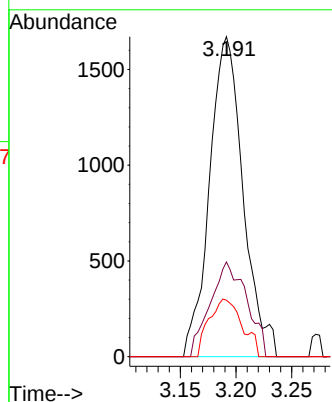
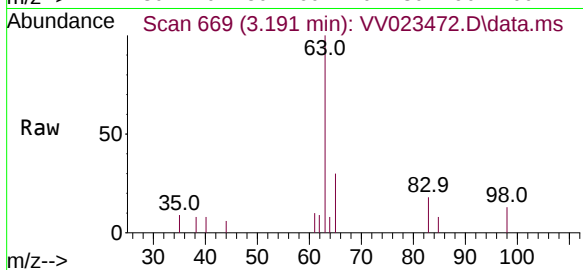
Tgt Ion: 63 Resp: 3500

Ion Ratio Lower Upper

63 100

65 29.6 22.6 42.0

83 17.7 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.090 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV023472.D

Acq: 15 Nov 2021 11:09

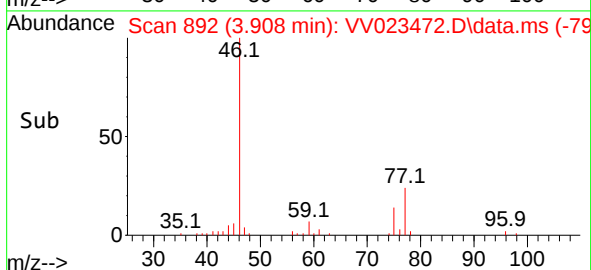
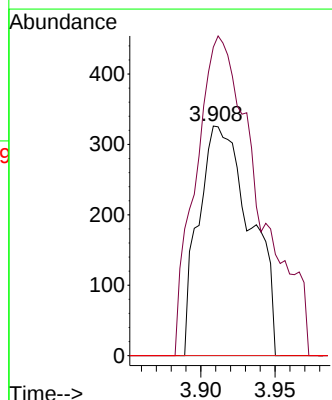
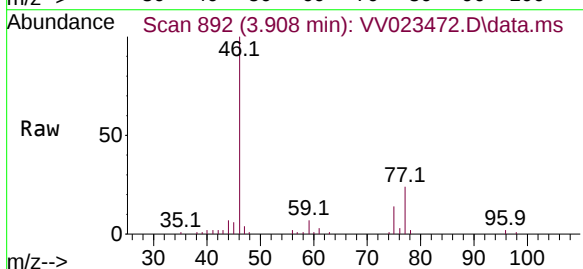
Tgt Ion: 96 Resp: 791

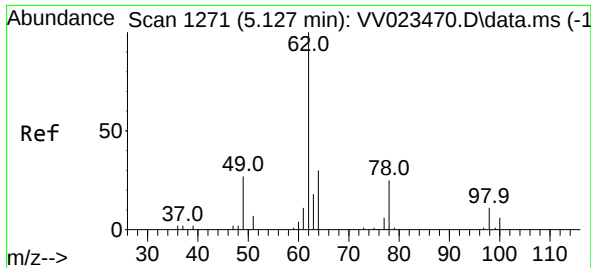
Ion Ratio Lower Upper

96 100

61 134.4 92.3 171.3

68 0.0 0.4 0.8#

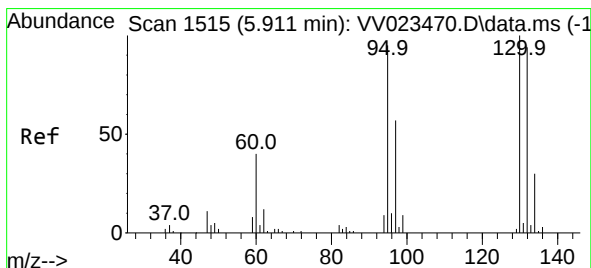
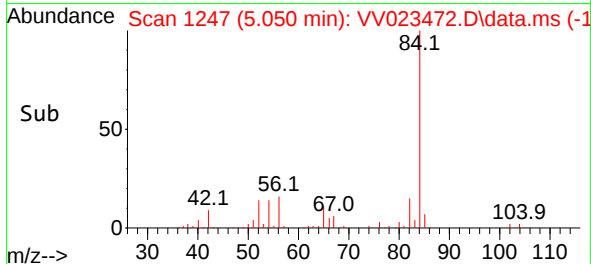
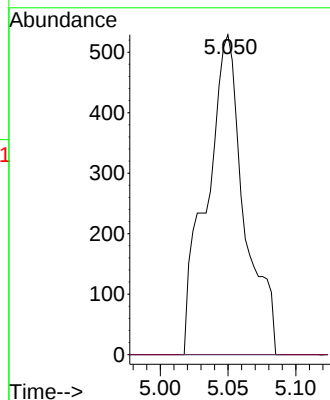
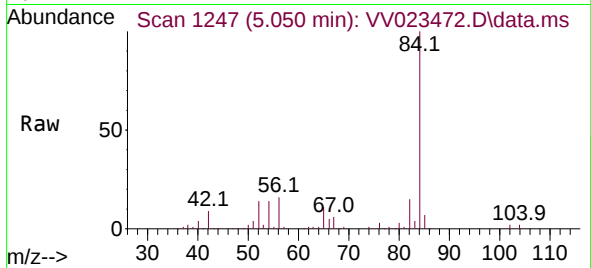




#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

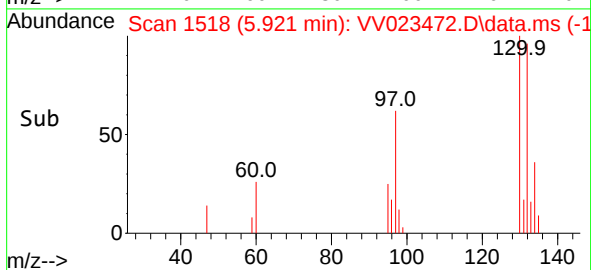
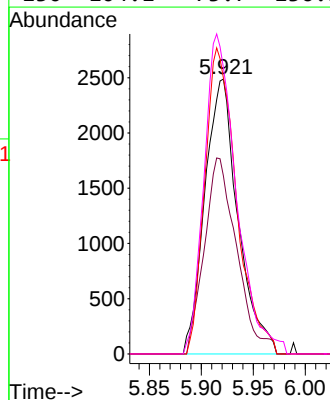
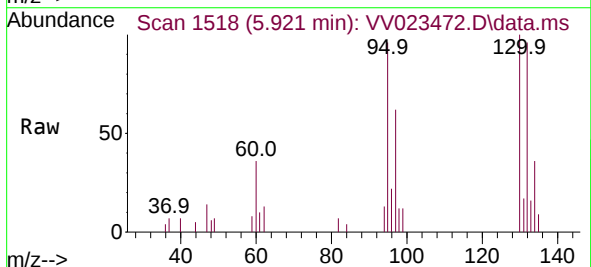
Instrument :
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ClientSampleId :
BG1X7DL

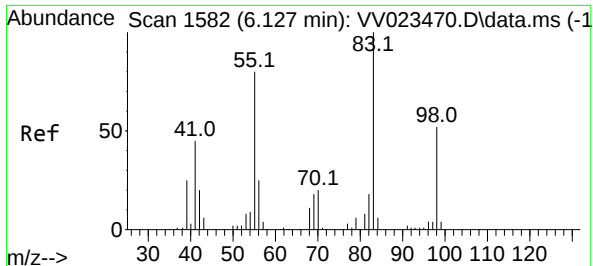
Tgt Ion: 62 Resp: 1018
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 0.599 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023472.D
Acq: 15 Nov 2021 11:09

Tgt Ion: 95 Resp: 5509
Ion Ratio Lower Upper
95 100
97 64.8 45.0 83.6
132 100.4 69.7 129.4
130 104.1 73.7 136.9





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.064 min

Lab File: VV023472.D

Acq: 15 Nov 2021 11:09

Instrument :

MSVOA_V

ClientSampleId :

BG1X7DL

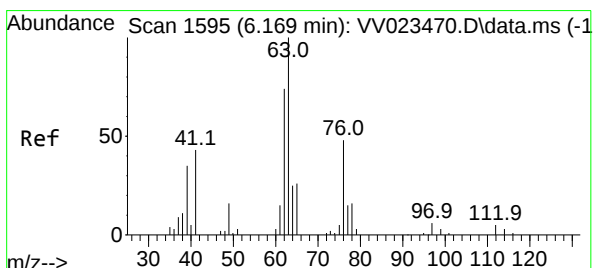
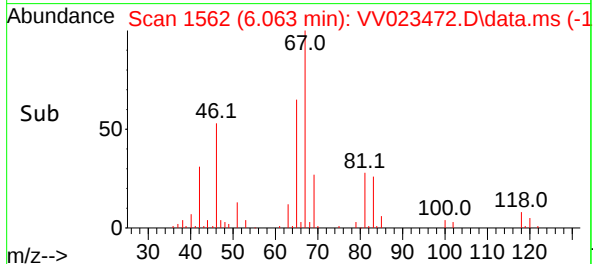
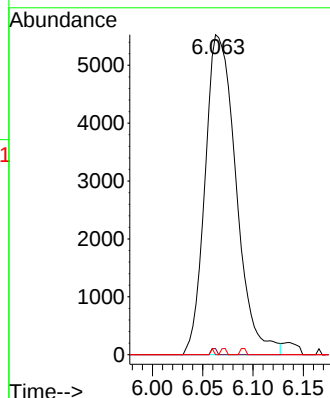
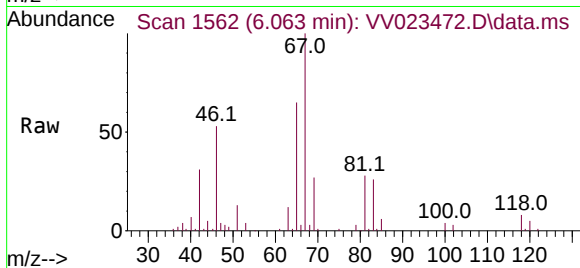
Tgt Ion: 83 Resp: 11843

Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 0.3 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV023472.D

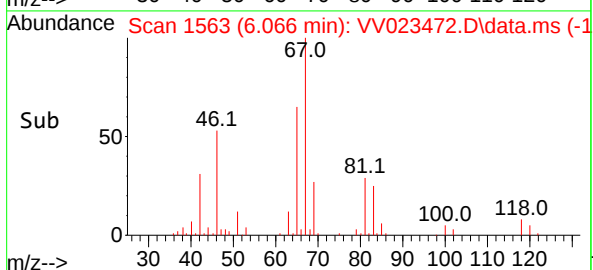
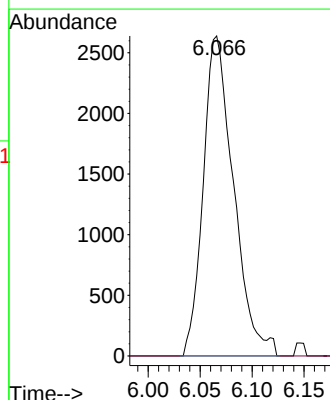
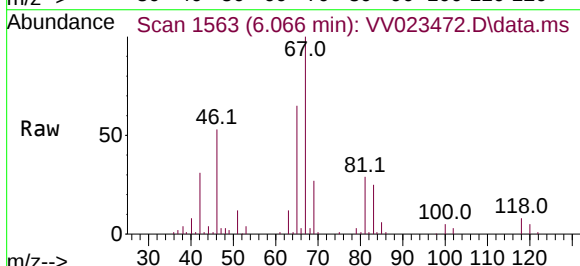
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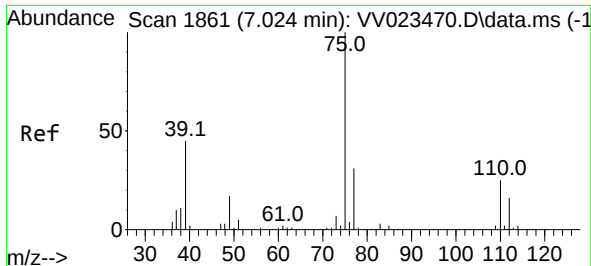
Tgt Ion: 63 Resp: 5369

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023472.D

Acq: 15 Nov 2021 11:09

Instrument :

MSVOA_V

ClientSampleId :

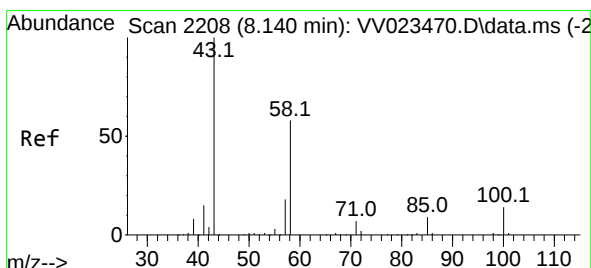
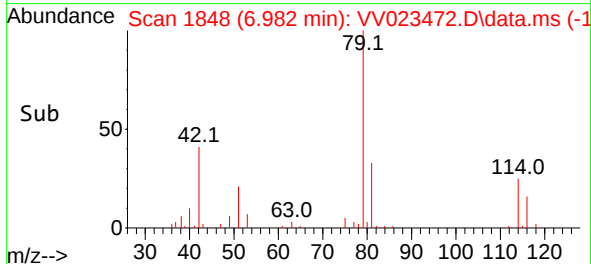
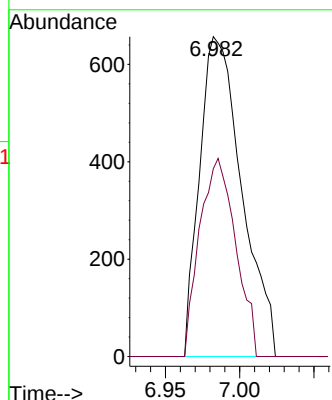
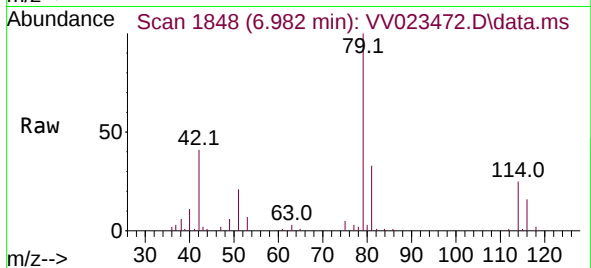
BG1X7DL

Tgt Ion: 75 Resp: 1298

Ion Ratio Lower Upper

75 100

77 58.8 21.6 40.2#



#48

2-Hexanone

Concen: 3.273 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV023472.D

Acq: 15 Nov 2021 11:09

Tgt Ion: 43 Resp: 8594

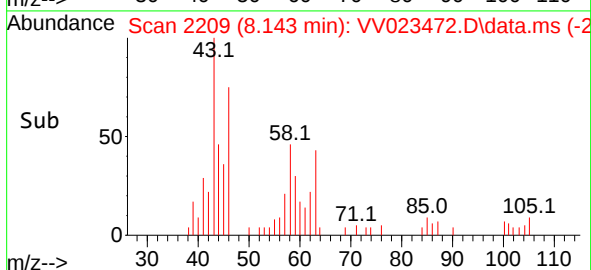
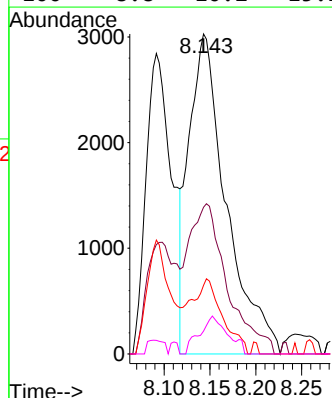
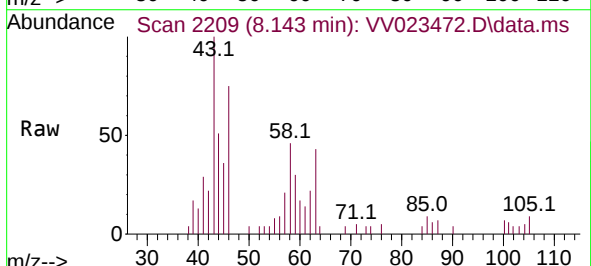
Ion Ratio Lower Upper

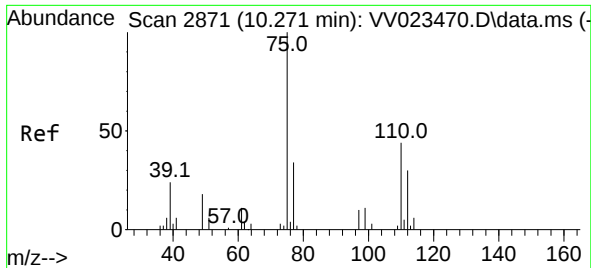
43 100

58 49.1 43.7 65.5

57 19.4 14.1 21.1

100 8.8 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.646 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023472.D
 Acq: 15 Nov 2021 11:09

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7DL

Tgt Ion: 75 Resp: 6100
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.6 39.8
 110 2.6 31.8 47.6#

