

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023474.D
 Acq On : 15 Nov 2021 11:56
 Operator : SY/MD
 Sample : M4616-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXR3

Quant Time: Nov 16 00:31:07 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)

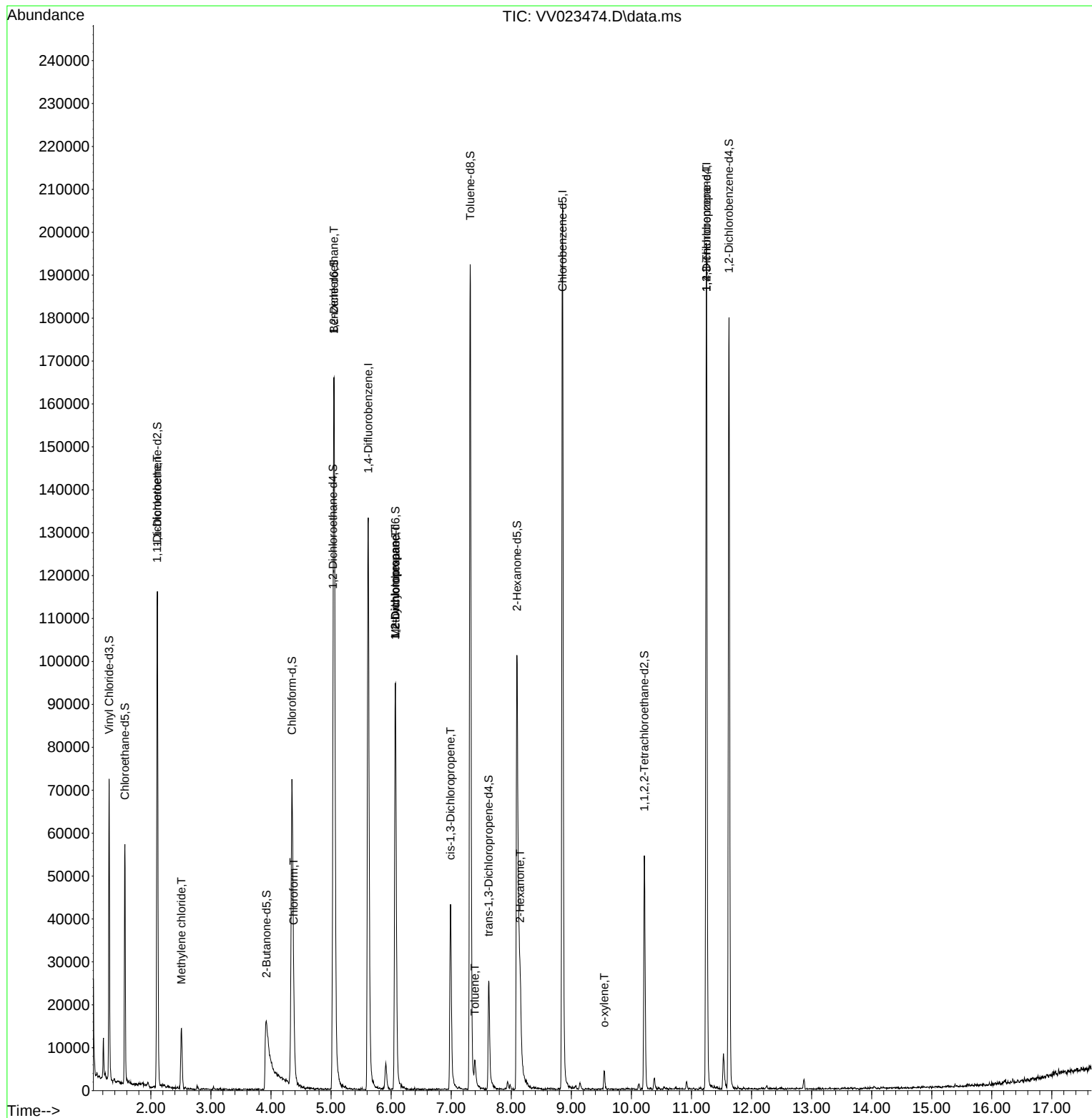
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43110	5.741	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.800%	
7) Chloroethane-d5	1.568	69	33886	5.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.800%	
11) 1,1-Dichloroethene-d2	2.108	63	59631	4.242	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	3.925	46	33446	25.853	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	51.700%	
24) Chloroform-d	4.349	84	70223	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.034	65	35955	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.050	84	154769	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.072	67	45962	5.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.317	98	133000	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16632	4.779	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.095	63	41457	32.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	64.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26233	3.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48374	5.488	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	534	0.075	ug/L #	1
16) Methylene chloride	2.510	84	6142	0.589	ug/L	95
25) Chloroform	4.378	83	7341	0.464	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1013	0.120	ug/L #	72
35) Methylcyclohexane	6.072	83	11325	0.794	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5094	0.642	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1219	0.107	ug/L #	63
42) Toluene	7.394	91	4388	0.121	ug/L	97
48) 2-Hexanone	8.146	43	11524	4.472	ug/L #	39
54) o-xylene	9.551	106	1351	0.096	ug/L	60
61) 1,2,3-Trichloropropane	11.249	75	6052	1.721	ug/L #	65

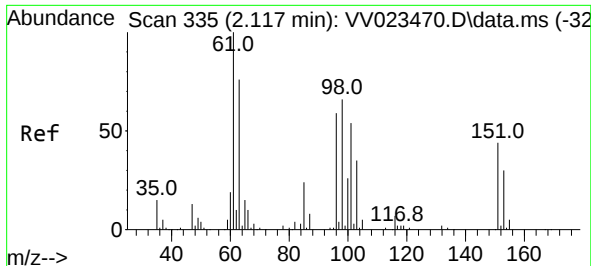
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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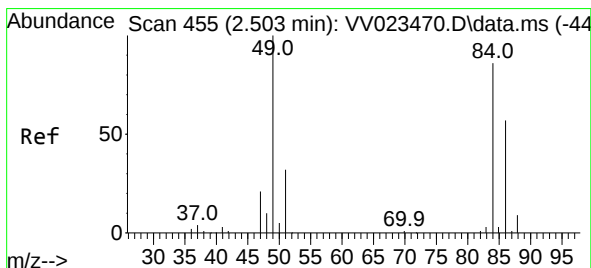
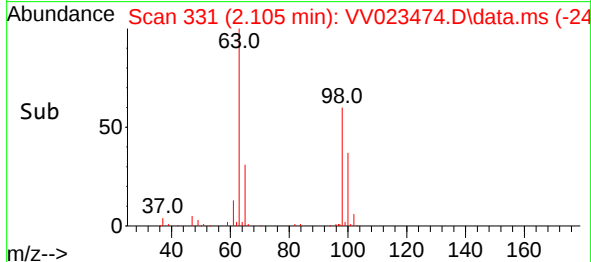
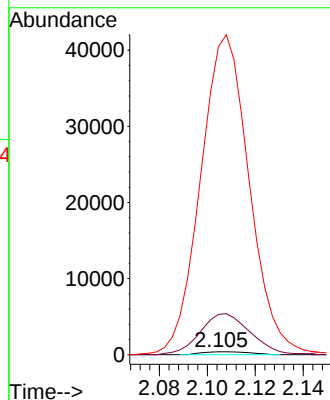
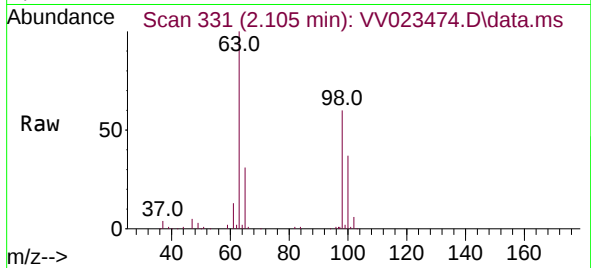




#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023474.D
Acq: 15 Nov 2021 11:56

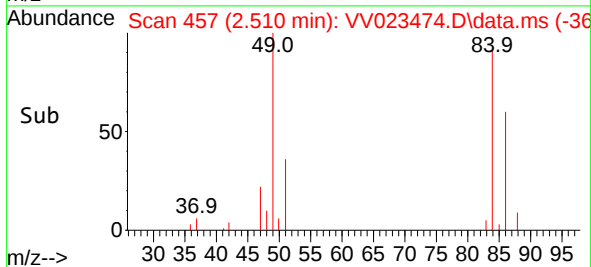
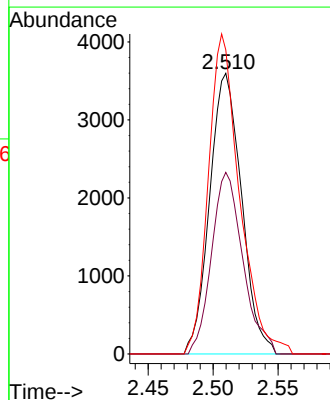
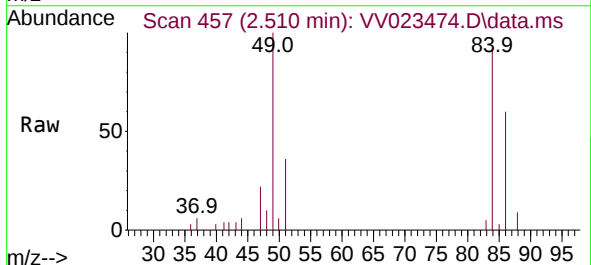
Instrument :
MSVOA_V
ClientSampleId :
BFXR3

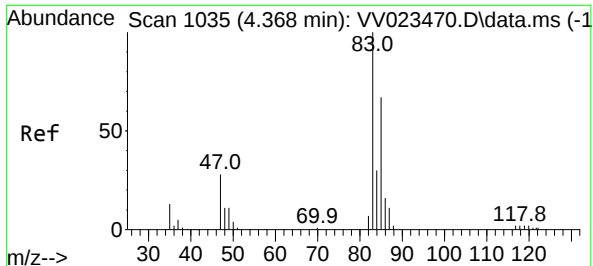
Tgt Ion: 96 Resp: 534
Ion Ratio Lower Upper
96 100
61 1358.2 121.5 225.7#
63 10367.2 99.6 185.0#



#16
Methylene chloride
Concen: 0.589 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV023474.D
Acq: 15 Nov 2021 11:56

Tgt Ion: 84 Resp: 6142
Ion Ratio Lower Upper
84 100
86 64.7 42.3 78.5
49 108.3 79.7 148.1





#25

Chloroform

Concen: 0.464 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV023474.D

Acq: 15 Nov 2021 11:56

Instrument :

MSVOA_V

ClientSampleId :

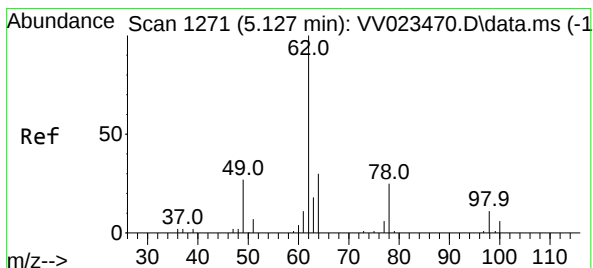
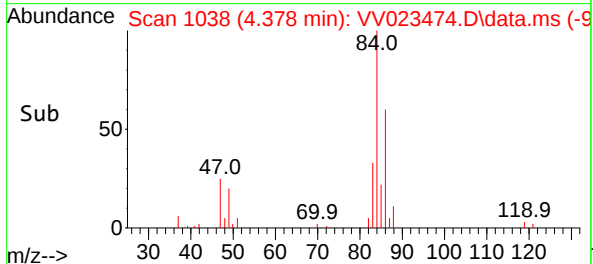
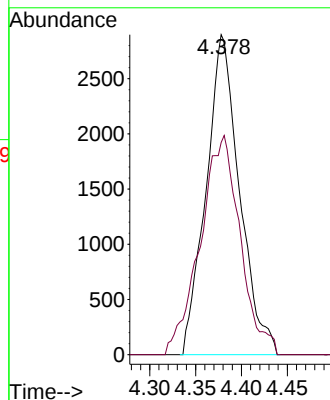
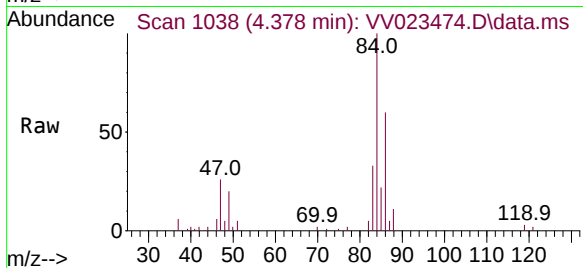
BFXR3

Tgt Ion: 83 Resp: 7341

Ion Ratio Lower Upper

83 100

85 66.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV023474.D

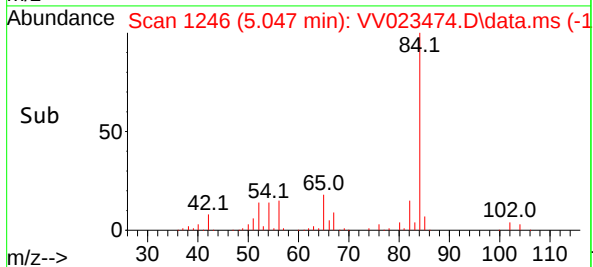
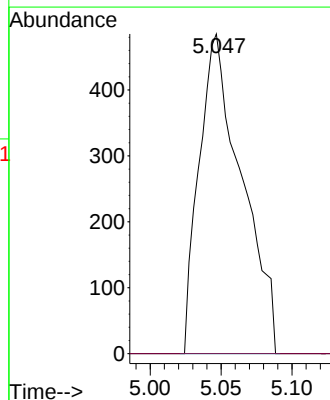
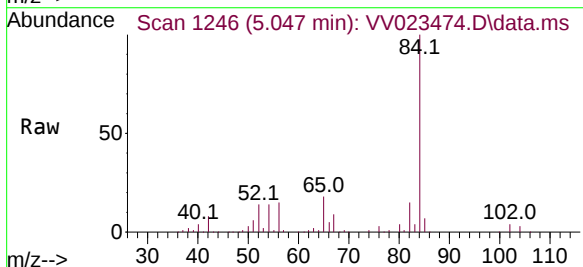
Acq: 15 Nov 2021 11:56

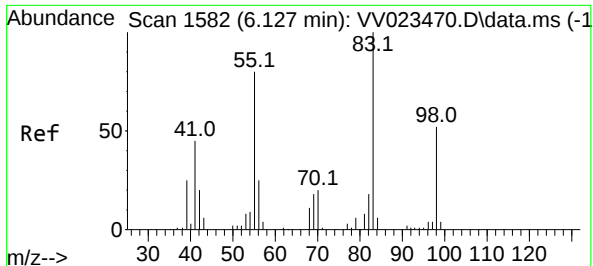
Tgt Ion: 62 Resp: 1013

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV023474.D

Acq: 15 Nov 2021 11:56

Instrument :

MSVOA_V

ClientSampleId :

BFXR3

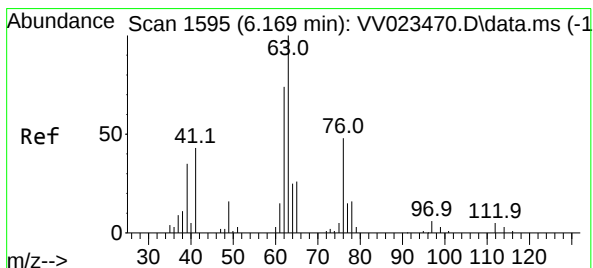
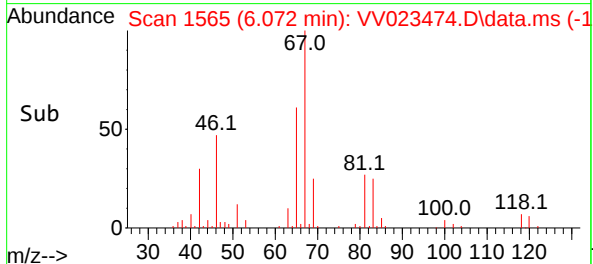
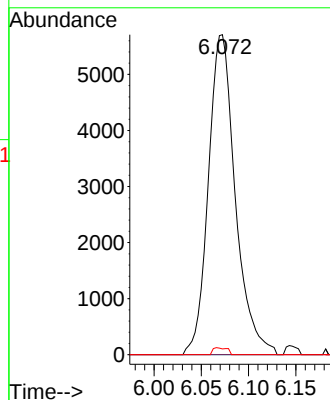
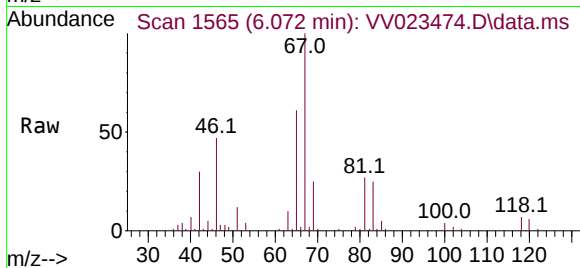
Tgt Ion: 83 Resp: 11325

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.1 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023474.D

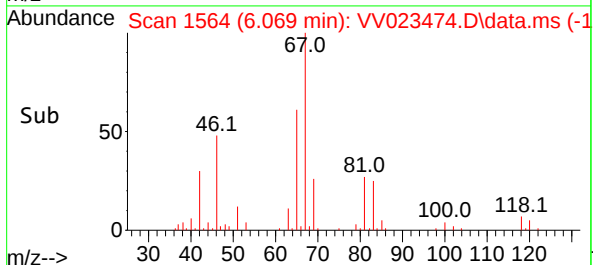
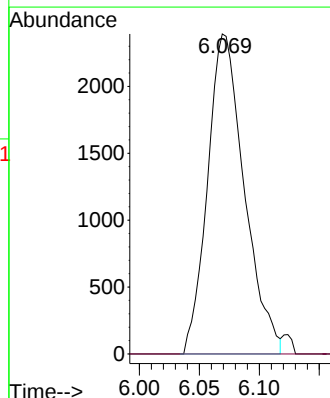
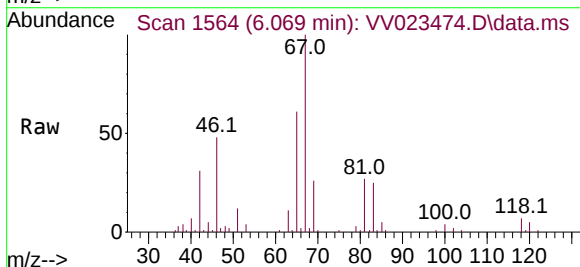
Acq: 15 Nov 2021 11:56

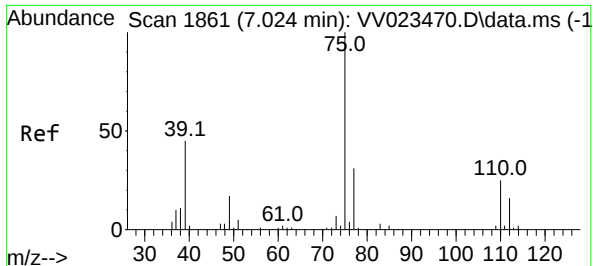
Tgt Ion: 63 Resp: 5094

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023474.D

Acq: 15 Nov 2021 11:56

Instrument :

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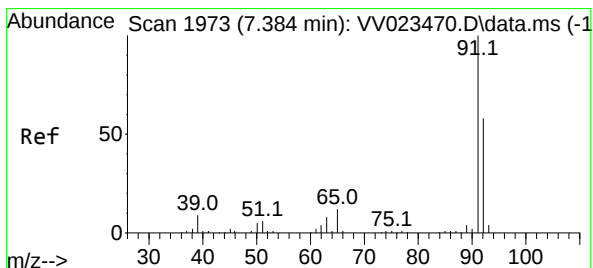
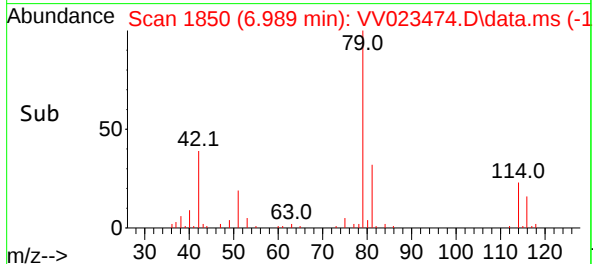
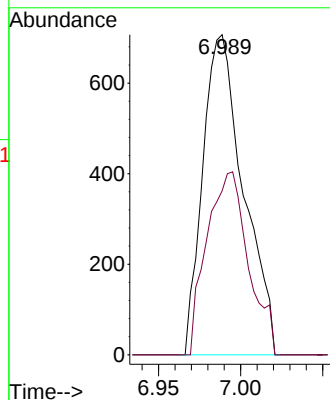
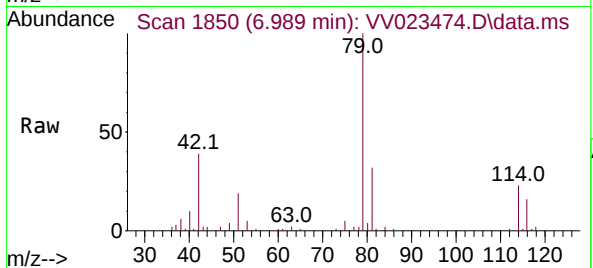
BFXR3

Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

77 51.2 21.6 40.2#



#42

Toluene

Concen: 0.121 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023474.D

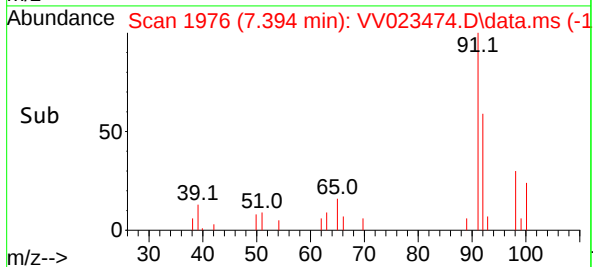
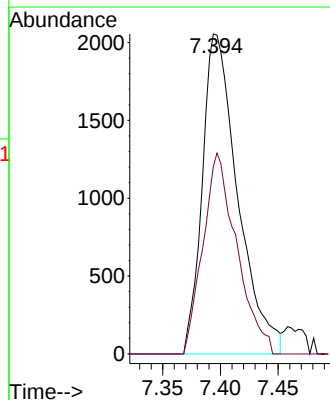
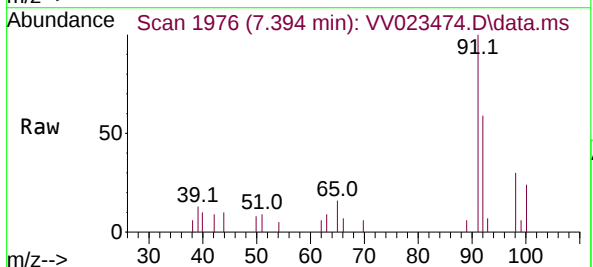
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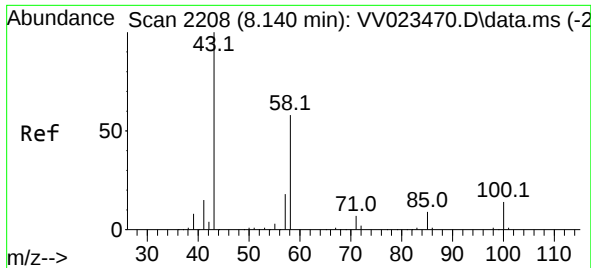
Tgt Ion: 91 Resp: 4388

Ion Ratio Lower Upper

91 100

92 58.6 39.3 72.9

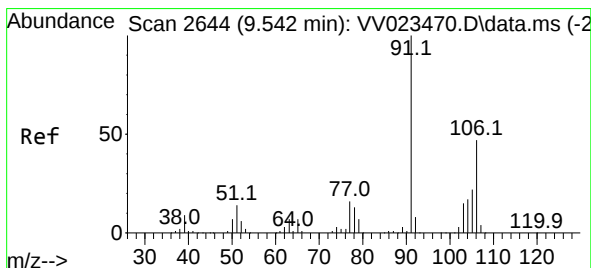
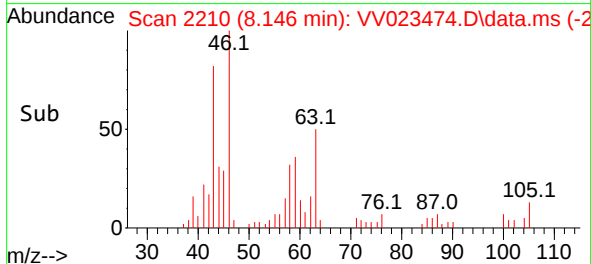
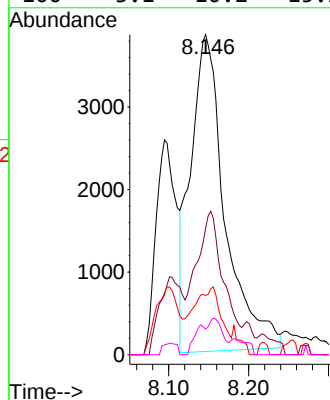
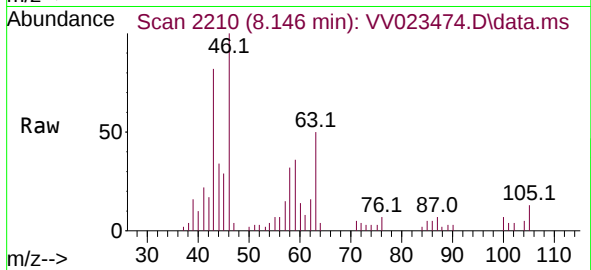




#48
2-Hexanone
Concen: 4.472 ug/L
RT: 8.146 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VV023474.D
Acq: 15 Nov 2021 11:56

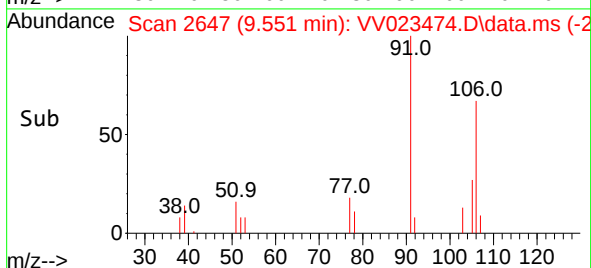
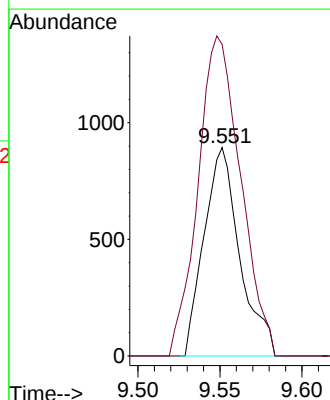
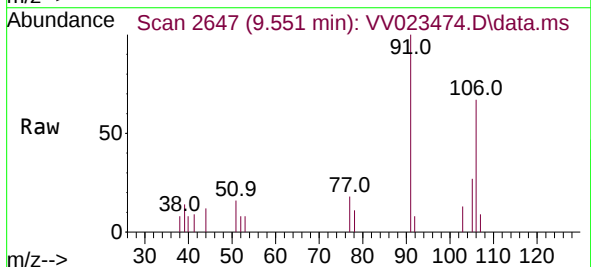
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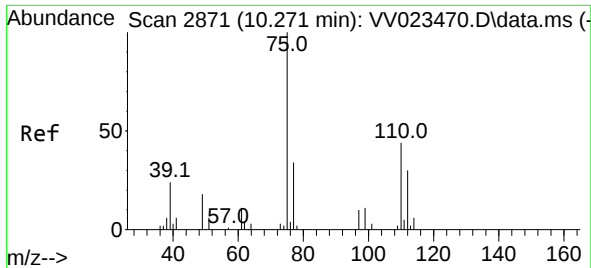
Tgt Ion: 43	Resp: 11524
Ion Ratio	Lower Upper
43	100
58	0.0 43.7 65.5#
57	0.0 14.1 21.1#
100	3.1 10.2 15.2#



#54
o-xylene
Concen: 0.096 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV023474.D
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Tgt Ion: 106	Resp: 1351
Ion Ratio	Lower Upper
106	100
91	149.4 148.3 275.5





#61
 1,2,3-Trichloropropane
 Concen: 1.721 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023474.D
 Acq: 15 Nov 2021 11:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXR3

Tgt Ion: 75 Resp: 6052
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.6 39.8
 110 2.2 31.8 47.6#

