

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023431.D
 Acq On : 12 Nov 2021 09:55
 Operator : SY/MD
 Sample : M4558-24
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

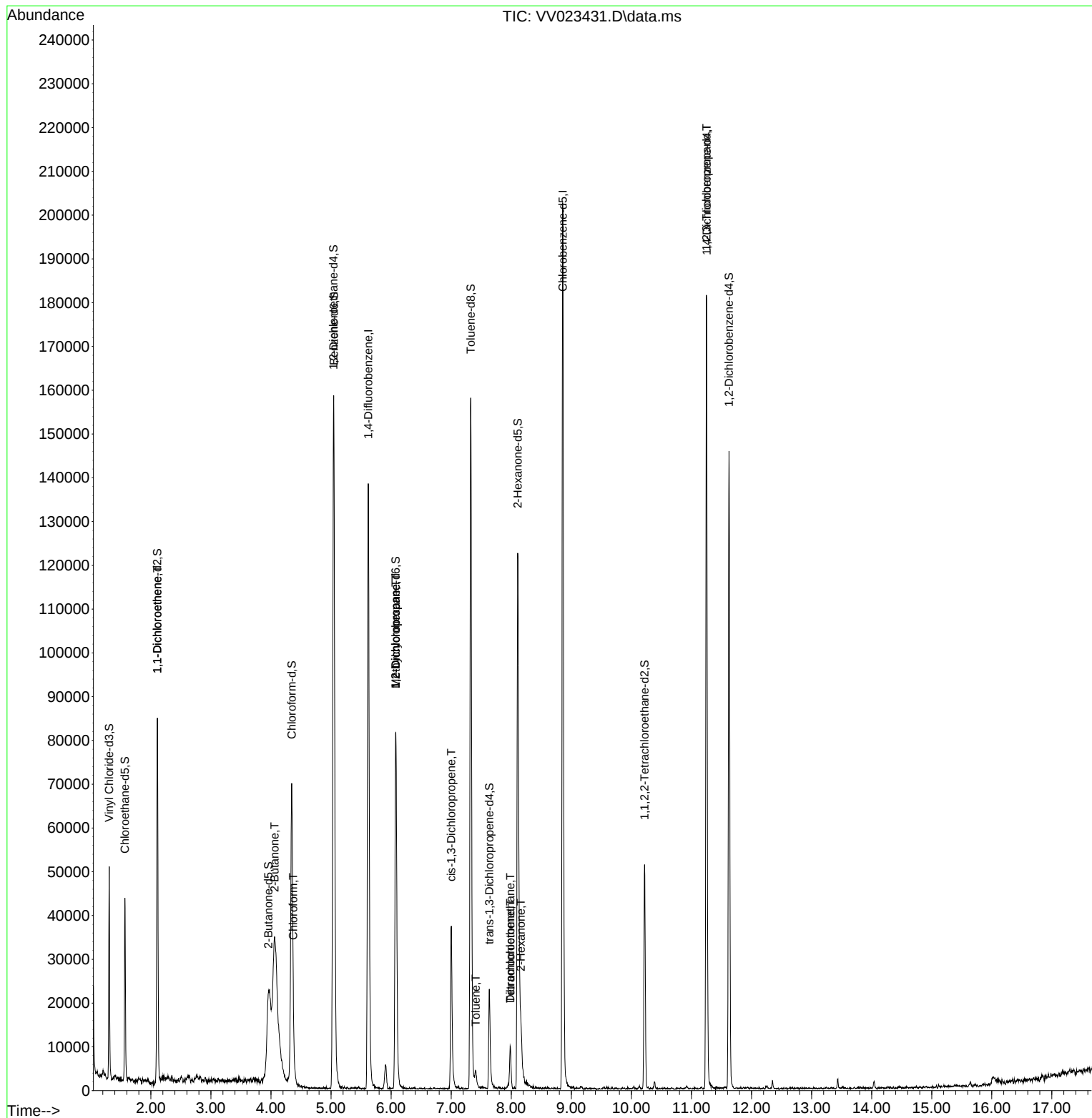
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119363	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	113585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29266	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	24197	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.108	63	41818	2.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.957	46	28063	21.784	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.560%
24) Chloroform-d	4.346	84	67204	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.040	65	33053	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.047	84	130737	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.075	67	40879	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.326	98	107033	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.635	79	13452	4.135	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.107	63	40359	33.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.440%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	23741	3.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	38733	4.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	495	0.070	ug/L #	1
21) 2-Butanone	4.059	43	1265	0.994	ug/L	100
25) Chloroform	4.371	83	5939	0.377	ug/L	85
35) Methylcyclohexane	6.079	83	10213	0.766	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	4909	0.662	ug/L #	83
39) cis-1,3-Dichloropropene	7.001	75	968	0.091	ug/L #	53
42) Toluene	7.410	91	3023	0.089	ug/L	95
47) Tetrachloroethene	7.985	164	2154	0.294	ug/L	90
48) 2-Hexanone	8.159	43	8615	3.577	ug/L #	87
49) Dibromochloromethane	7.985	129	2103	0.312	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5433	1.655	ug/L #	64

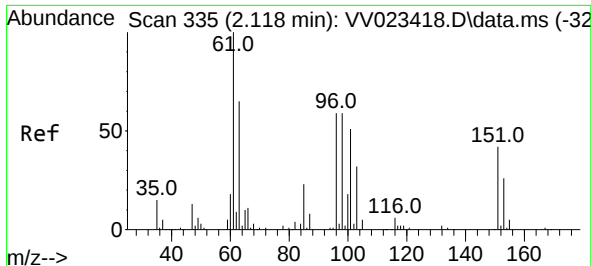
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

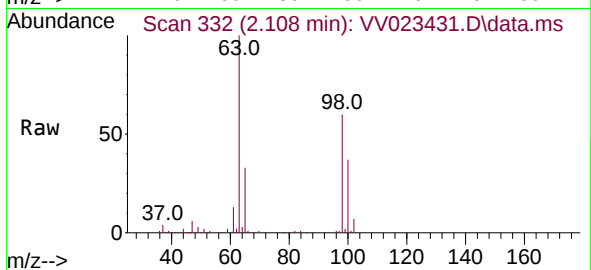
Lab File: VV023431.D

Acq: 12 Nov 2021 09:55

Instrument :

MSVOA_V

ClientSampleId :



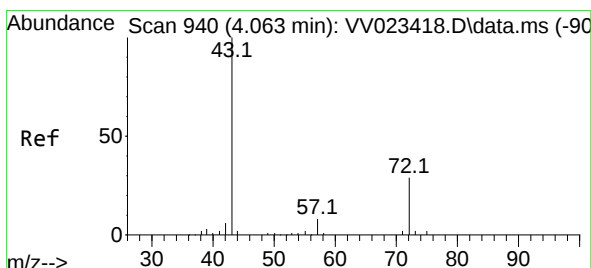
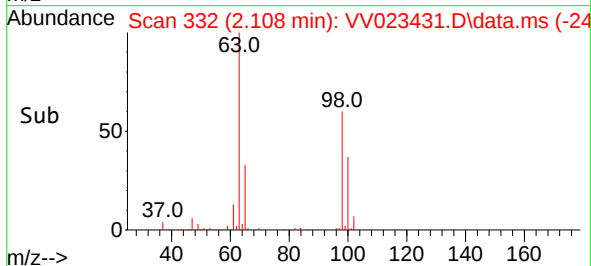
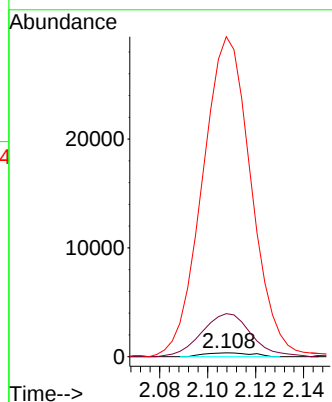
Tgt Ion: 96 Resp: 495

Ion Ratio Lower Upper

96 100

61 1122.7 121.5 225.7#

63 8330.9 99.6 185.0#



#21

2-Butanone

Concen: 0.994 ug/L

RT: 4.059 min Scan# 939

Delta R.T. -0.003 min

Lab File: VV023431.D

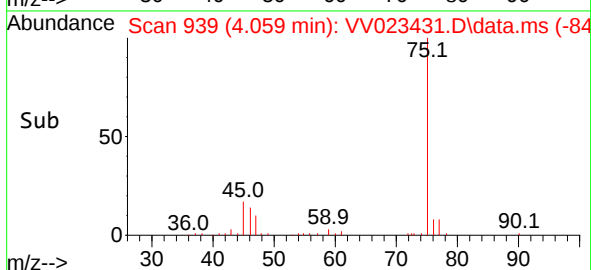
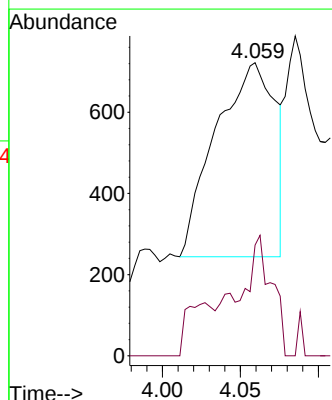
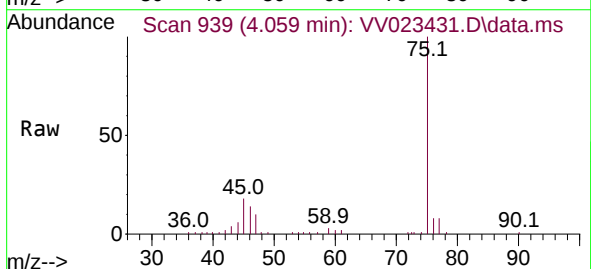
Acq: 12 Nov 2021 09:55

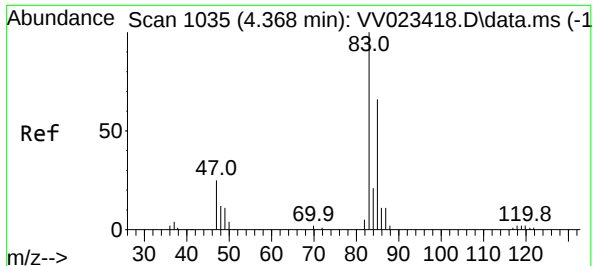
Tgt Ion: 43 Resp: 1265

Ion Ratio Lower Upper

43 100

72 24.0 11.9 35.9





#25

Chloroform

Concen: 0.377 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023431.D

Acq: 12 Nov 2021 09:55

Instrument :

MSVOA_V

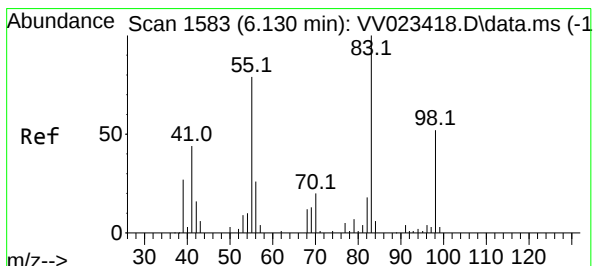
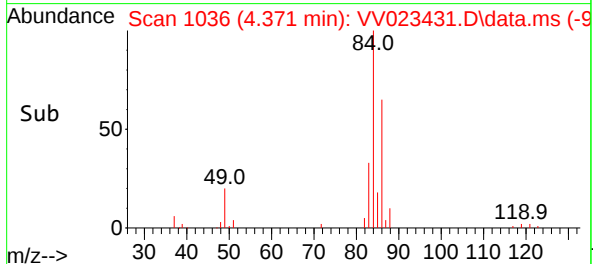
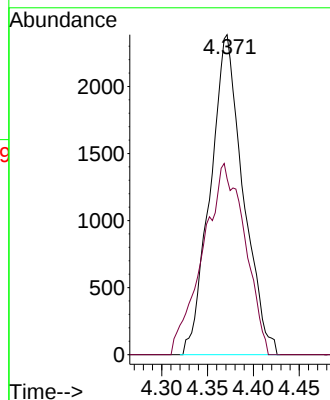
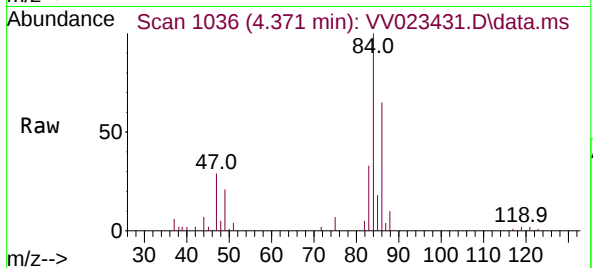
ClientSampleId :

Tgt Ion: 83 Resp: 5939

Ion Ratio Lower Upper

83 100

85 55.0 46.8 86.8



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.052 min

Lab File: VV023431.D

Acq: 12 Nov 2021 09:55

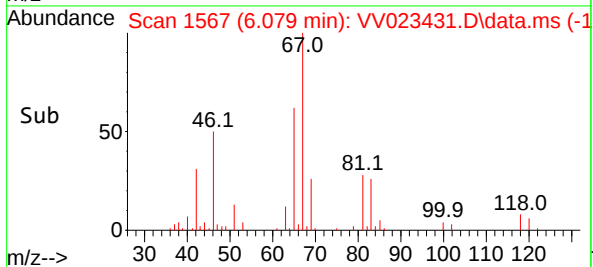
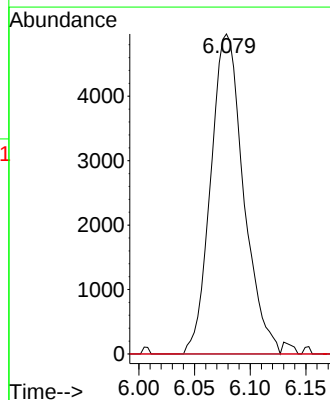
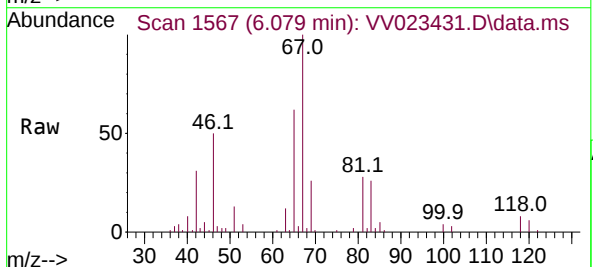
Tgt Ion: 83 Resp: 10213

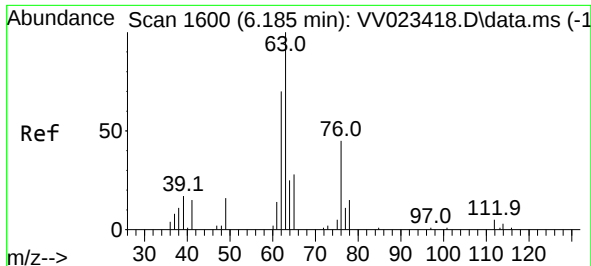
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV023431.D

Acq: 12 Nov 2021 09:55

Instrument :

MSVOA_V

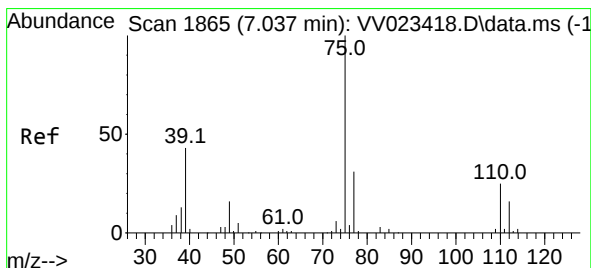
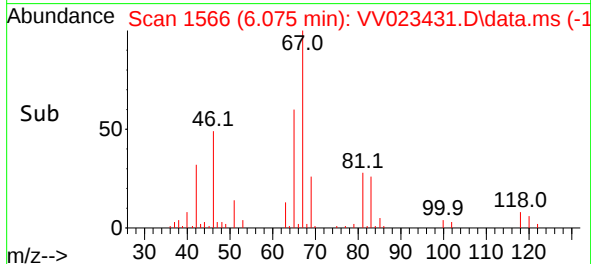
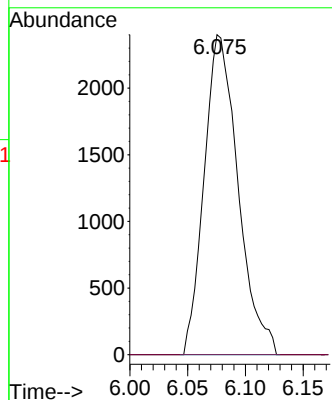
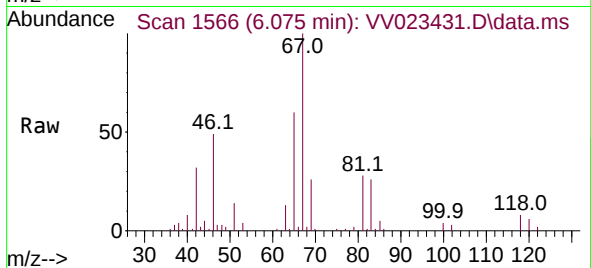
ClientSampleId :

Tgt Ion: 63 Resp: 4909

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.001 min Scan# 1854

Delta R.T. -0.036 min

Lab File: VV023431.D

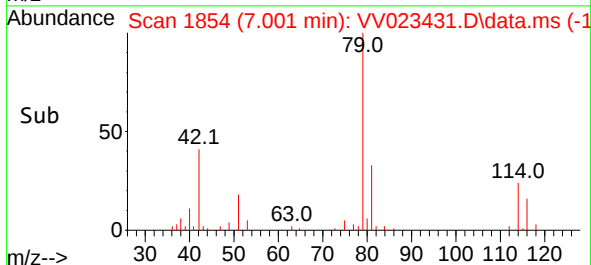
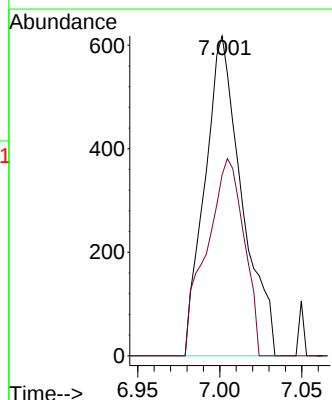
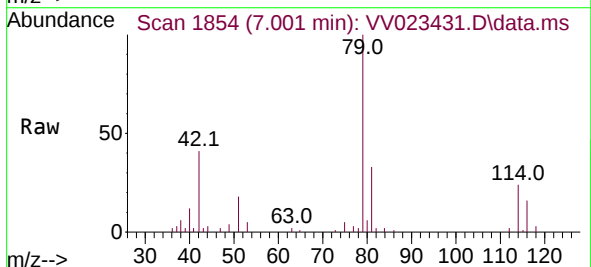
Acq: 12 Nov 2021 09:55

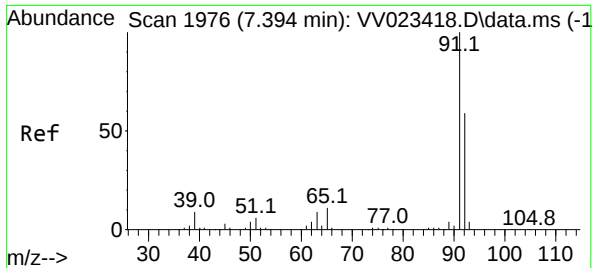
Tgt Ion: 75 Resp: 968

Ion Ratio Lower Upper

75 100

77 56.6 21.6 40.2#

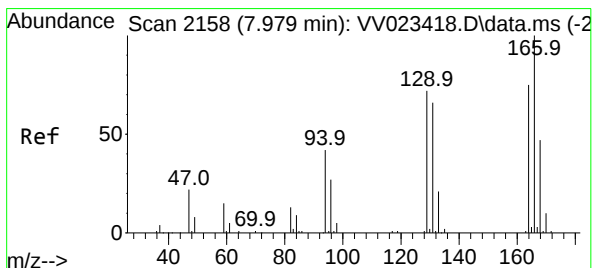
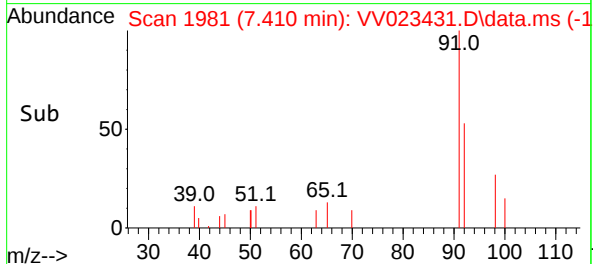
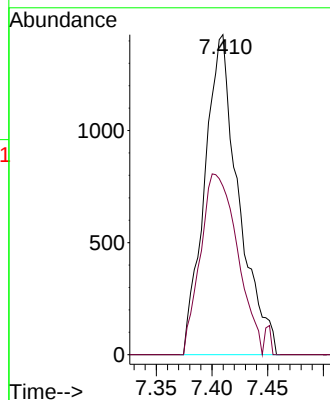
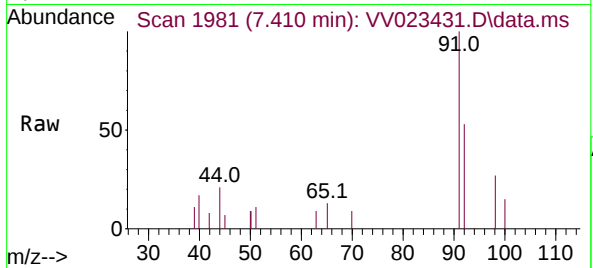




#42
Toluene
Concen: 0.089 ug/L
RT: 7.410 min Scan# 1976
Delta R.T. 0.016 min
Lab File: VV023431.D
Acq: 12 Nov 2021 09:55

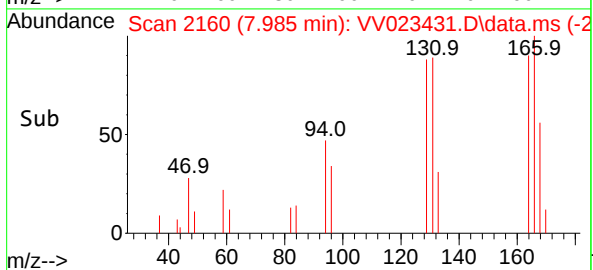
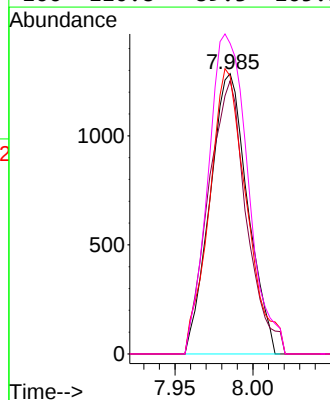
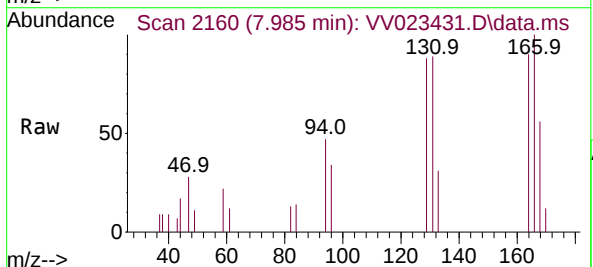
Instrument :
MSVOA_V
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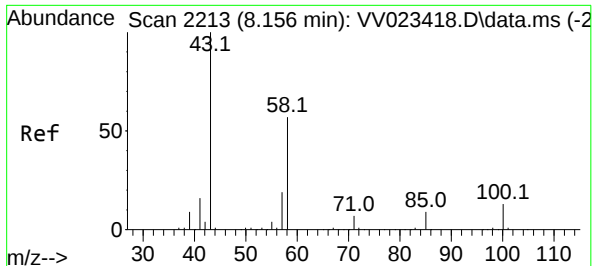
Tgt Ion: 91 Resp: 3023
Ion Ratio Lower Upper
91 100
92 52.7 39.3 72.9



#47
Tetrachloroethene
Concen: 0.294 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV023431.D
Acq: 12 Nov 2021 09:55

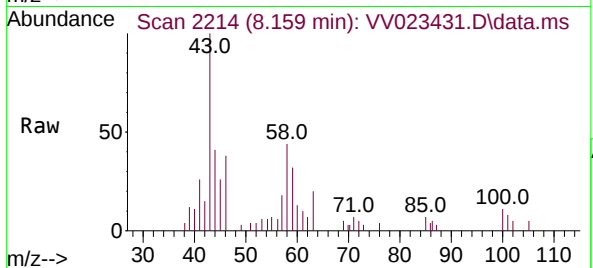
Tgt Ion: 164 Resp: 2154
Ion Ratio Lower Upper
164 100
129 97.4 64.0 119.0
131 99.1 63.4 117.8
166 110.8 89.3 165.9



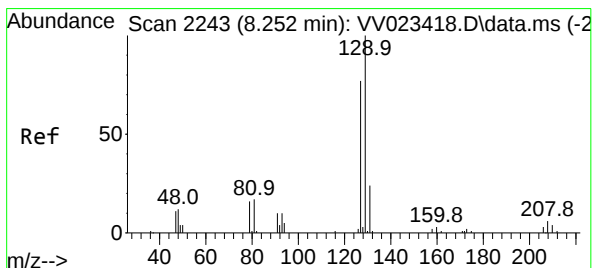
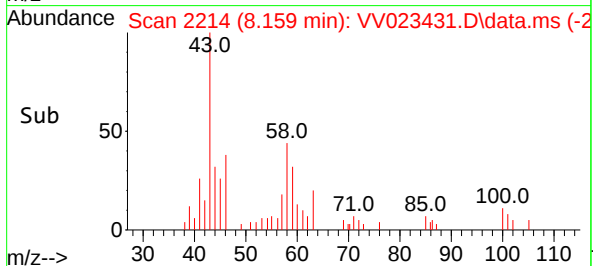
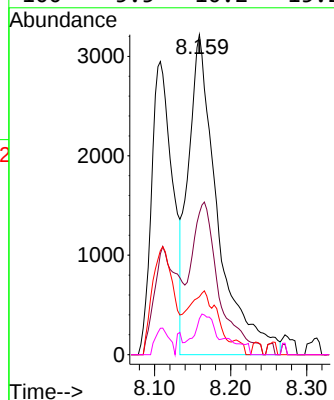


#48
2-Hexanone
Concen: 3.577 ug/L
RT: 8.159 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VV023431.D
Acq: 12 Nov 2021 09:55

Instrument :
MSVOA_V
ClientSampleId :

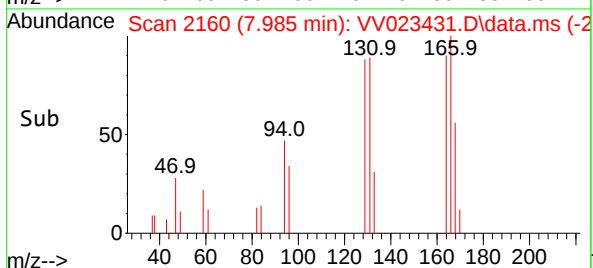
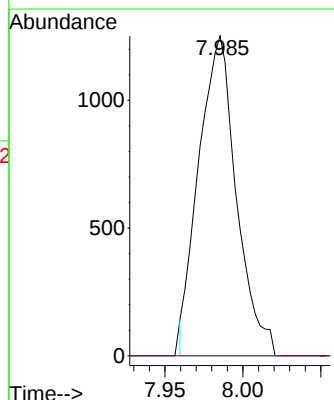
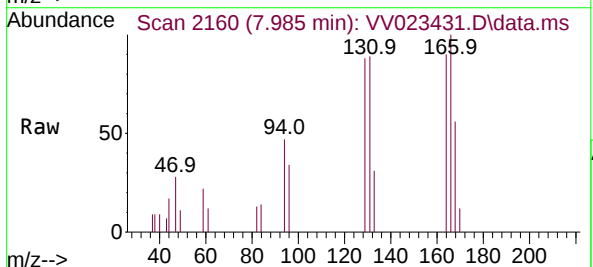


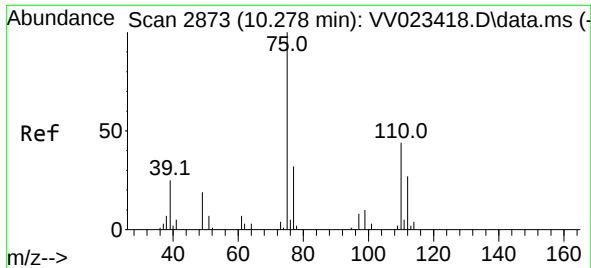
Tgt Ion: 43	Resp: 8615
Ion Ratio	Lower Upper
43	100
58	44.4 43.7 65.5
57	19.3 14.1 21.1
100	5.5 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.312 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. -0.267 min
Lab File: VV023431.D
Acq: 12 Nov 2021 09:55

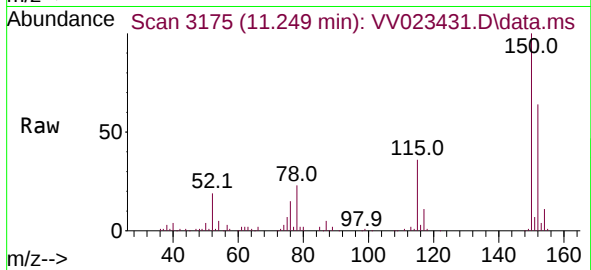
Tgt Ion: 129	Resp: 2103
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.655 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV023431.D
 Acq: 12 Nov 2021 09:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5433
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8
 110 0.8 31.8 47.6#

