

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023412.D
 Acq On : 12 Nov 2021 00:59
 Operator : SY/MD
 Sample : M4580-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:10:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

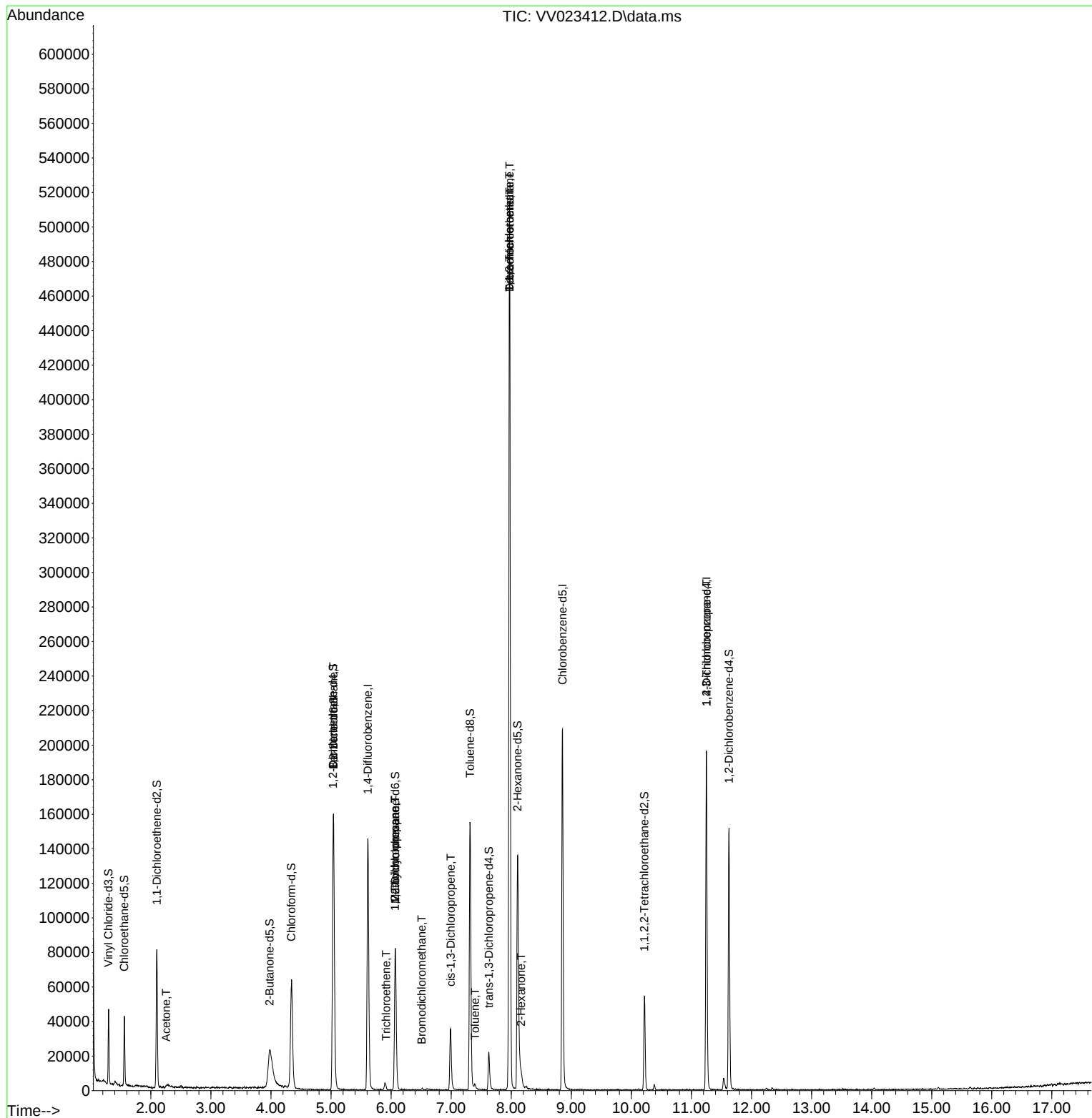
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	121414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	25800	3.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.558	69	22980	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.098	63	40702	2.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.976	46	25404	19.386	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	38.780%#
24) Chloroform-d	4.339	84	58434	3.605	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	5.034	65	32231	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.040	84	128472	4.326	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.069	67	38528	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.314	98	102306	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.629	79	12839	3.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.104	63	45608	37.391	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25250	4.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	39871	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
13) Acetone	2.253	43	905	1.130	ug/L	94
27) 1,2-Dichloroethane	5.040	62	901	0.106	ug/L #	72
34) Trichloroethene	5.915	95	694	0.081	ug/L #	72
35) Methylcyclohexane	6.069	83	9990	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	4331	0.573	ug/L #	83
38) Bromodichloromethane	6.510	83	834	0.082	ug/L #	90
39) cis-1,3-Dichloropropene	6.992	75	1005	0.093	ug/L #	40
42) Toluene	7.397	91	2341	0.068	ug/L	99
45) 1,1,2-Trichloroethane	7.969	97	994	0.183	ug/L #	1
47) Tetrachloroethene	7.973	164	114616	15.371	ug/L	98
48) 2-Hexanone	8.166	43	5024	2.047	ug/L #	82
49) Dibromochloromethane	7.973	129	94364	13.723	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5373	1.543	ug/L #	64

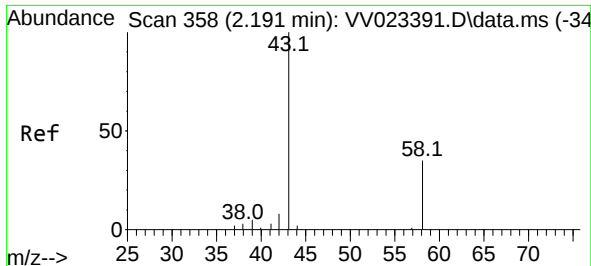
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.130 ug/L

RT: 2.253 min Scan# 31

Delta R.T. 0.061 min

Lab File: VV023412.D

Acq: 12 Nov 2021 00:59

Instrument :

MSVOA_V

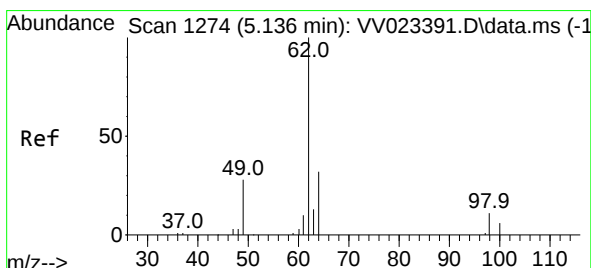
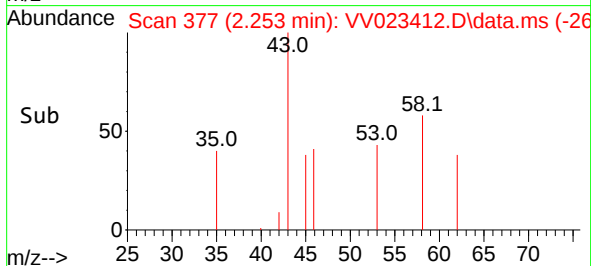
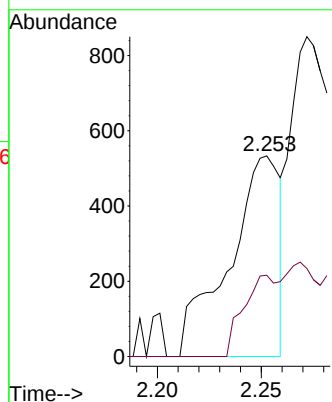
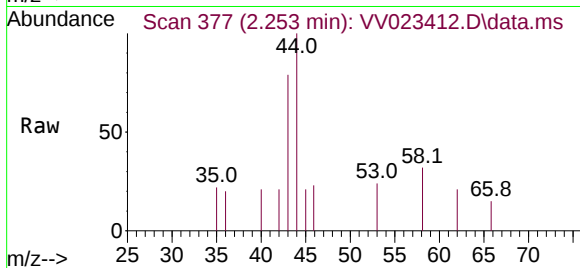
ClientSampleId :

Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

58 24.6 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.096 min

Lab File: VV023412.D

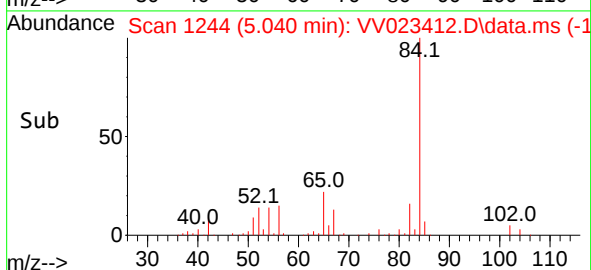
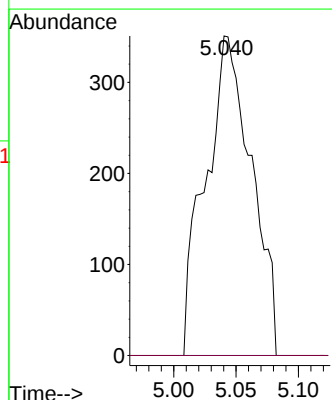
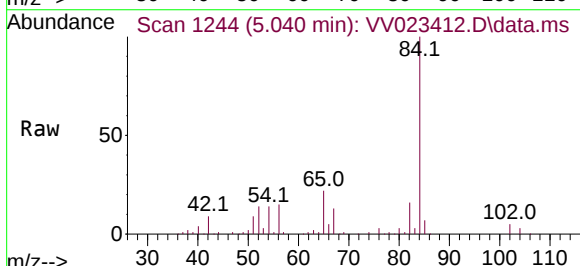
Acq: 12 Nov 2021 00:59

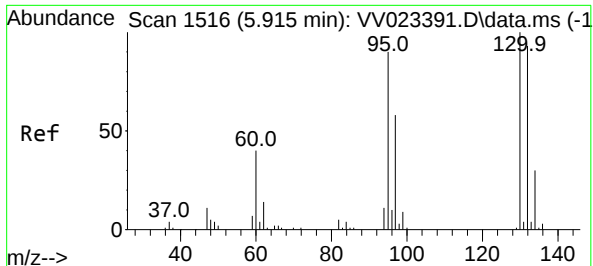
Tgt Ion: 62 Resp: 901

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



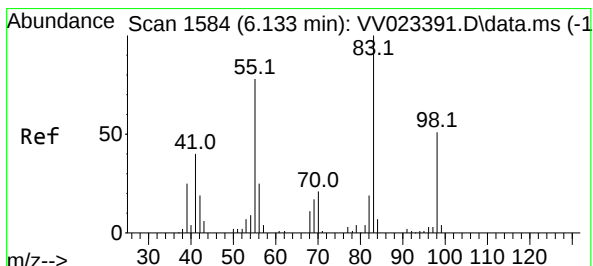
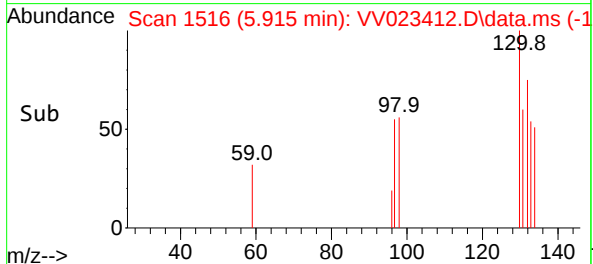
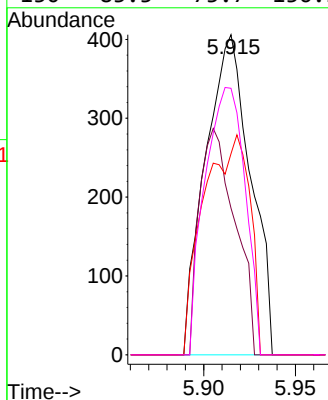
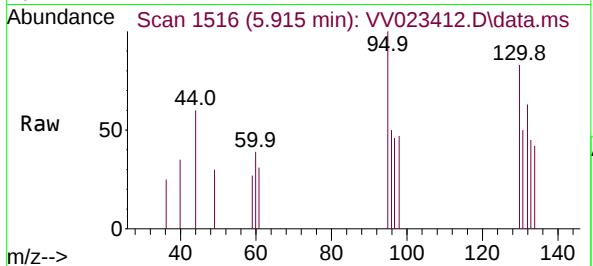


#34
Trichloroethene
Concen: 0.081 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 694

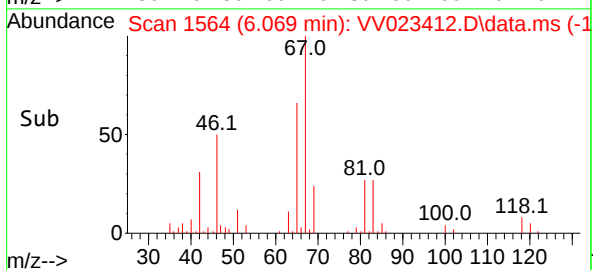
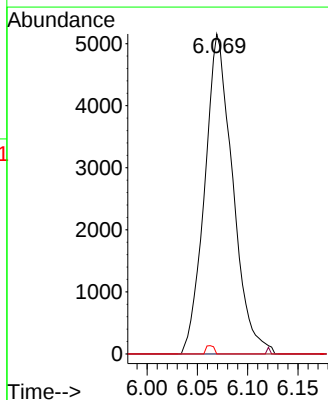
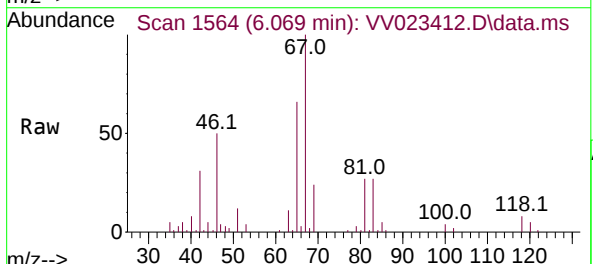
Ion	Ratio	Lower	Upper
95	100		
97	45.8	45.0	83.6
132	62.8	69.7	129.4#
130	83.3	73.7	136.9

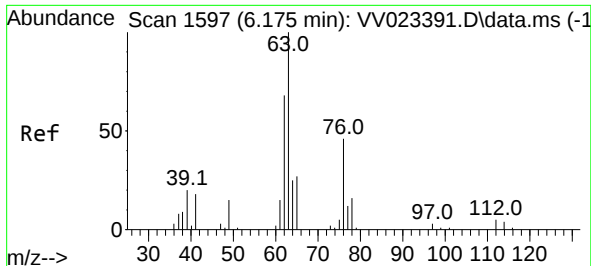


#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

Tgt Ion: 83 Resp: 9990

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	0.7	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV023412.D

Acq: 12 Nov 2021 00:59

Instrument :

MSVOA_V

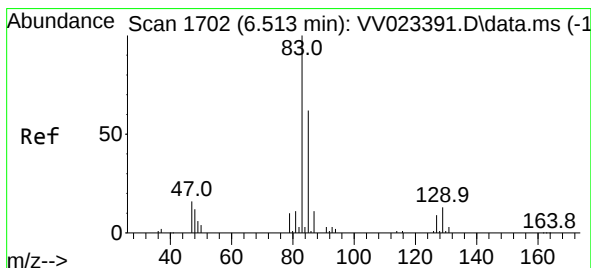
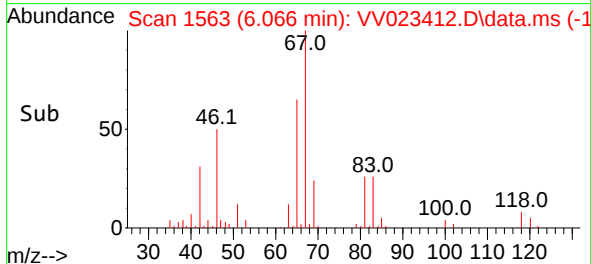
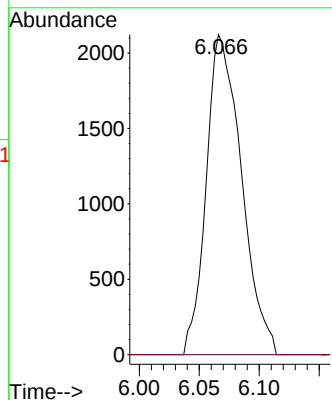
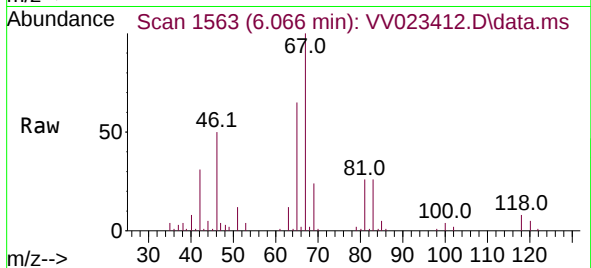
ClientSampleId :

Tgt Ion: 63 Resp: 4331

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.082 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023412.D

Acq: 12 Nov 2021 00:59

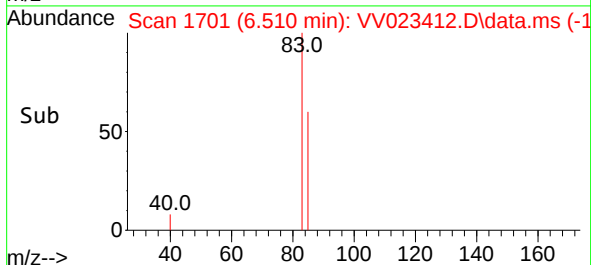
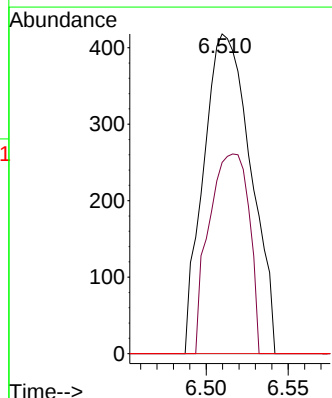
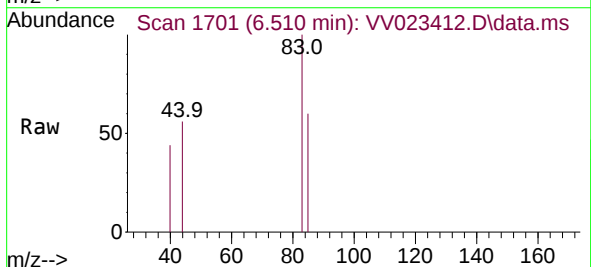
Tgt Ion: 83 Resp: 834

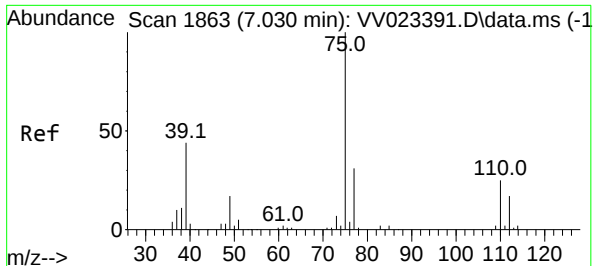
Ion Ratio Lower Upper

83 100

85 59.8 46.1 85.7

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV023412.D

Acq: 12 Nov 2021 00:59

Instrument :

MSVOA_V

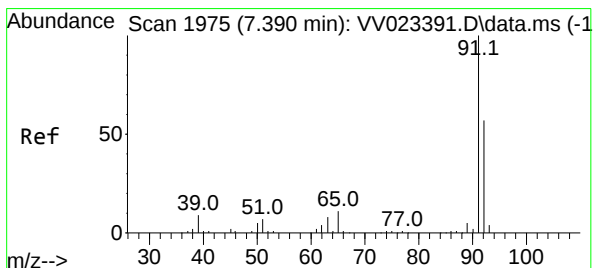
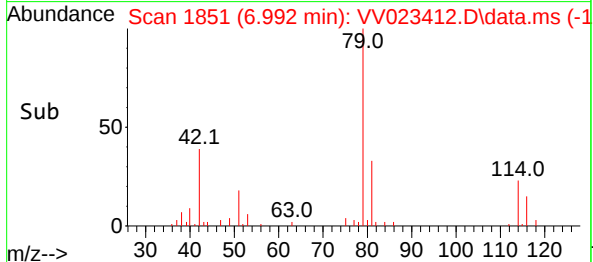
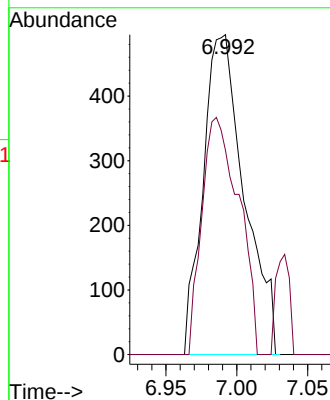
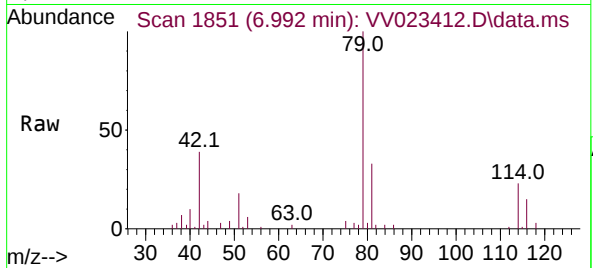
ClientSampleId :

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 63.8 21.6 40.2#



#42

Toluene

Concen: 0.068 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV023412.D

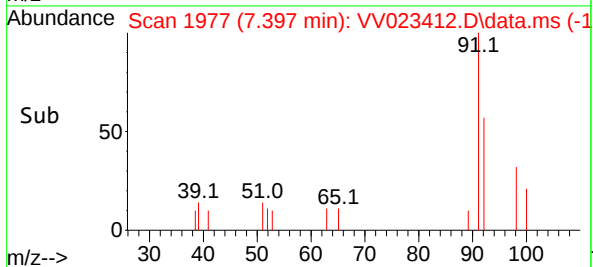
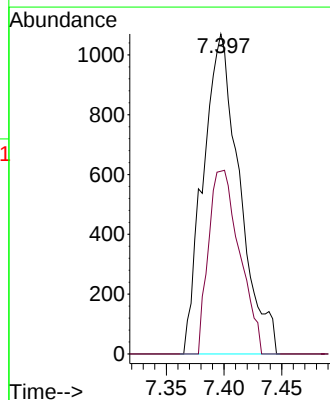
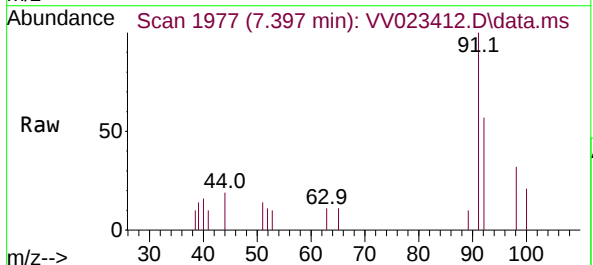
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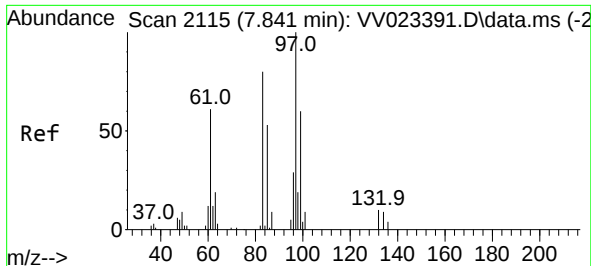
Tgt Ion: 91 Resp: 2341

Ion Ratio Lower Upper

91 100

92 57.1 39.3 72.9

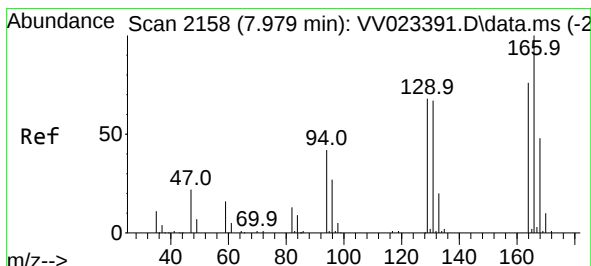
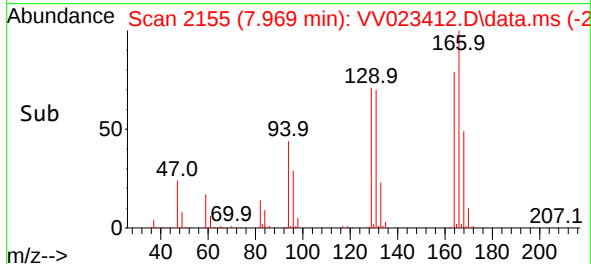
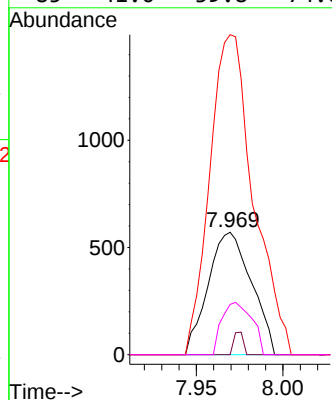
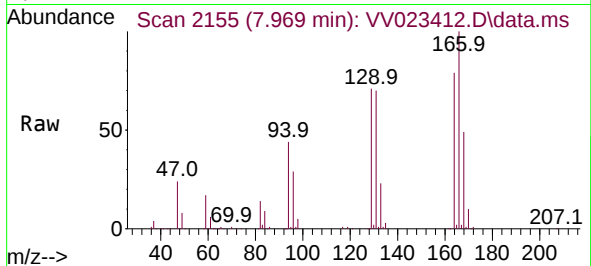




#45
1,1,2-Trichloroethane
Concen: 0.183 ug/L
RT: 7.969 min Scan# 2115
Delta R.T. 0.129 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

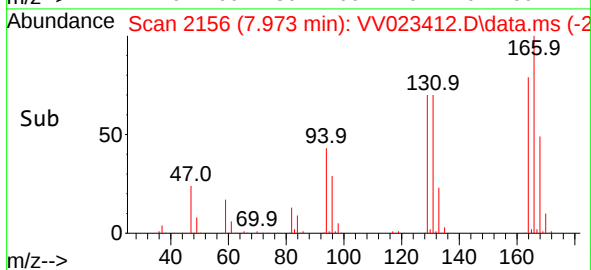
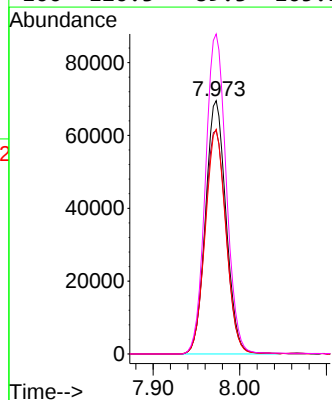
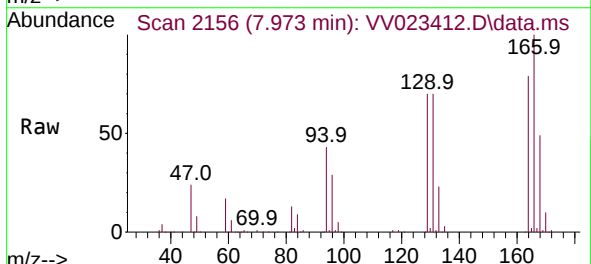
Instrument :
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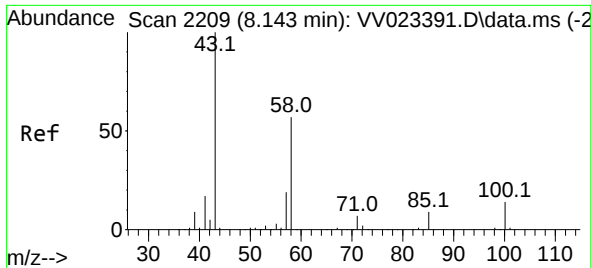
Tgt Ion: 97	Resp:	994
Ion Ratio	Lower	Upper
97	100	
99	0.0	43.6
83	261.5	58.4
85	41.0	39.8



#47
Tetrachloroethene
Concen: 15.371 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

Tgt Ion: 164	Resp:	114616
Ion Ratio	Lower	Upper
164	100	
129	88.2	64.0
131	88.7	63.4
166	126.3	89.3

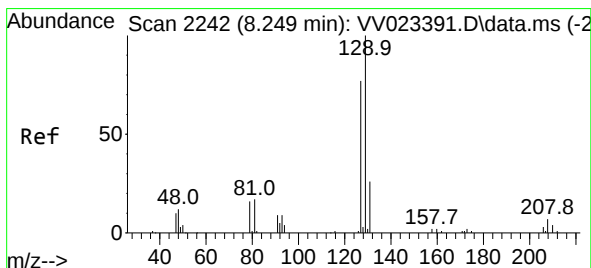
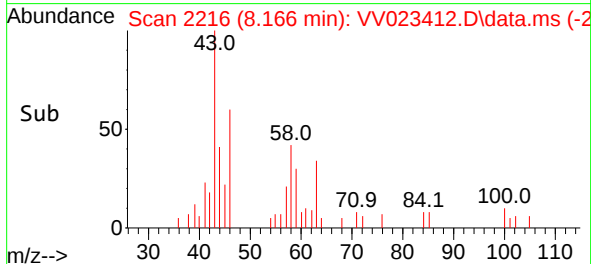
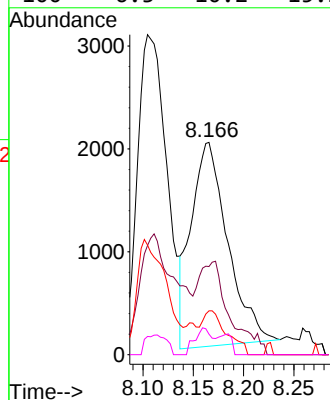
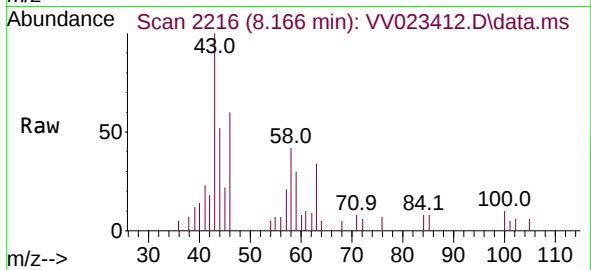




#48
2-Hexanone
Concen: 2.047 ug/L
RT: 8.166 min Scan# 2156
Delta R.T. 0.023 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

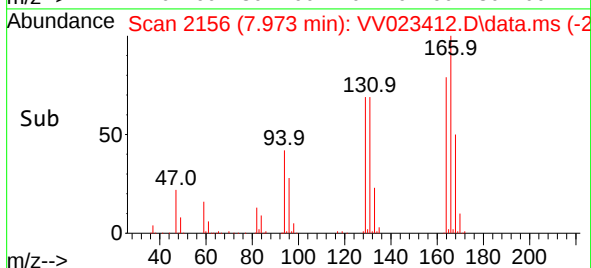
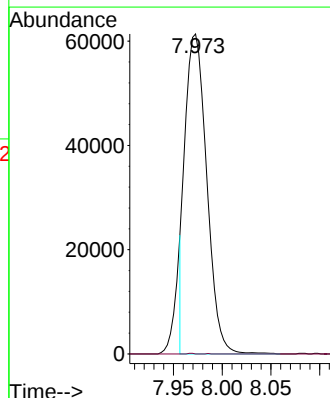
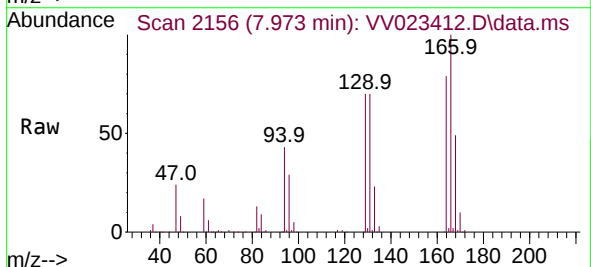
Instrument :
MSVOA_V
ClientSampleId :

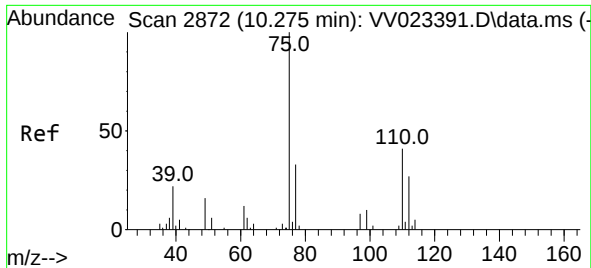
Tgt Ion: 43	Resp: 5024
Ion Ratio	Lower Upper
43 100	
58 39.3	43.7 65.5#
57 13.9	14.1 21.1#
100 6.3	10.2 15.2#



#49
Dibromochloromethane
Concen: 13.723 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.276 min
Lab File: VV023412.D
Acq: 12 Nov 2021 00:59

Tgt Ion:129	Resp:	94364	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.543 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

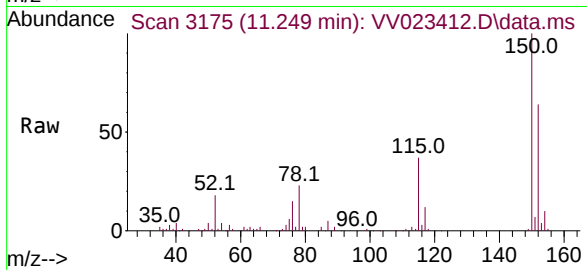
Lab File: VV023412.D

Acq: 12 Nov 2021 00:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5373

Ion Ratio Lower Upper

75 100

77 36.9 26.6 39.8

110 2.9 31.8 47.6#

