

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028691.D
 Acq On : 26 Oct 2022 13:36
 Operator : SY/MD
 Sample : N5216-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:22:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

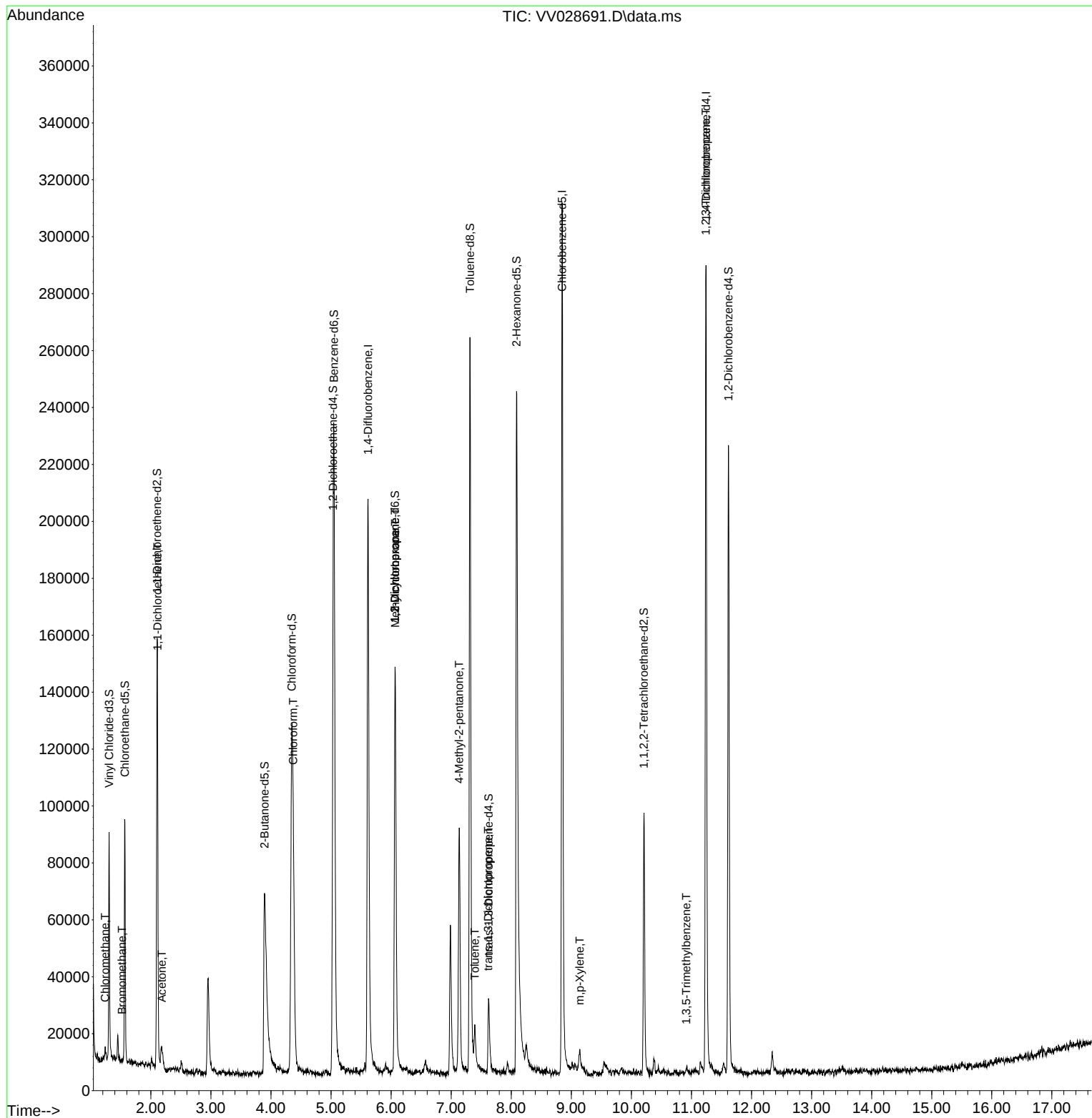
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	164434	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	67435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54109	4.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.568	69	53928	5.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.105	63	84057	3.800	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.892	46	134981	51.763	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.520%
24) Chloroform-d	4.346	84	105262	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	53051	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.047	84	203041	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.066	67	70757	5.384	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.314	98	165477	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.625	79	15355	3.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	85025	44.733	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	44891	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	52681	5.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2290	0.177	ug/L	96
6) Bromomethane	1.520	94	614	0.100	ug/L	96
12) 1,1-Dichloroethene	2.111	96	730	0.081	ug/L #	1
13) Acetone	2.182	43	11814	7.633	ug/L	82
25) Chloroform	4.372	83	62762	2.939	ug/L	90
35) Methylcyclohexane	6.069	83	15671	0.987	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	8333	0.703	ug/L #	89
40) 4-Methyl-2-pentanone	7.133	43	43291	6.167	ug/L #	48
42) Toluene	7.394	91	10777	0.245	ug/L	98
44) trans-1,3-Dichloropropene	7.616	75	921	0.080	ug/L	94
53) m,p-Xylene	9.140	106	2089	0.118	ug/L	77
61) 1,2,3-Trichloropropane	11.239	75	10812	1.867	ug/L #	70
62) 1,3,5-Trimethylbenzene	10.911	105	1211	0.098	ug/L	94

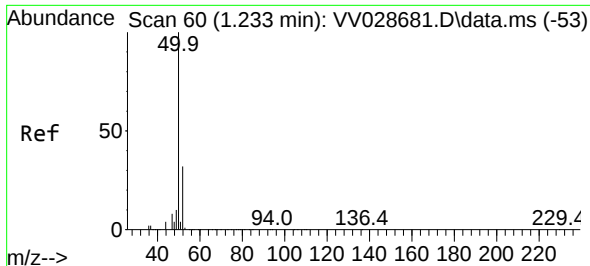
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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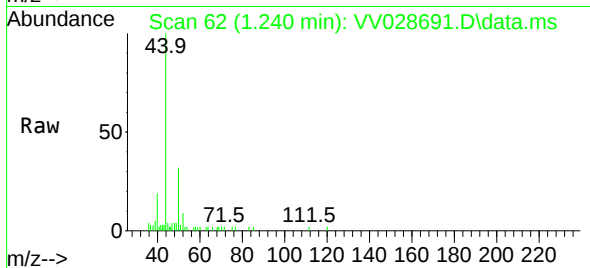
Quant Time: Oct 27 06:22:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
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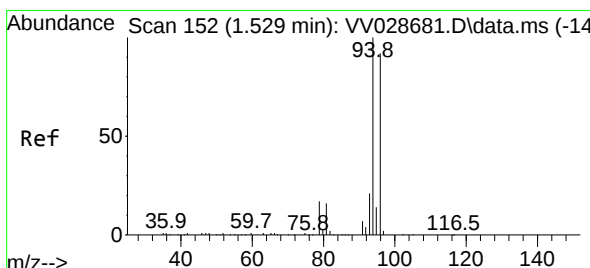
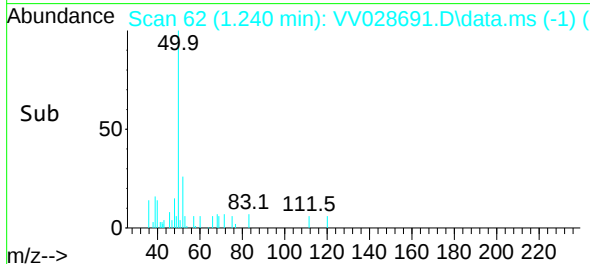
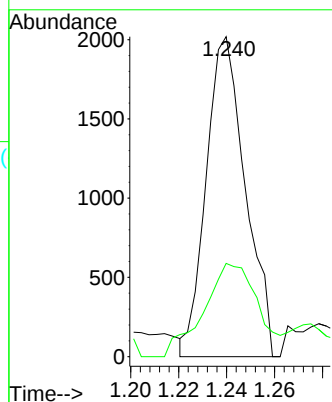


#3
Chloromethane
Concen: 0.177 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028691.D
Acq: 26 Oct 2022 13:36

Instrument :
MSVOA_V
ClientSampleId :

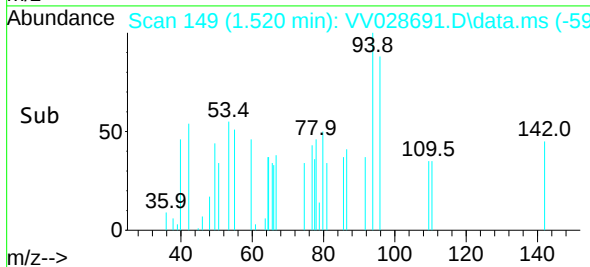
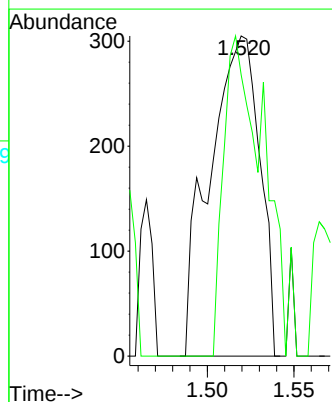
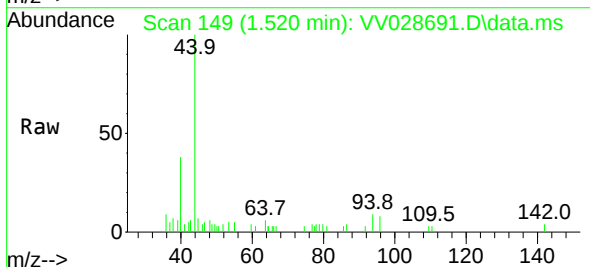


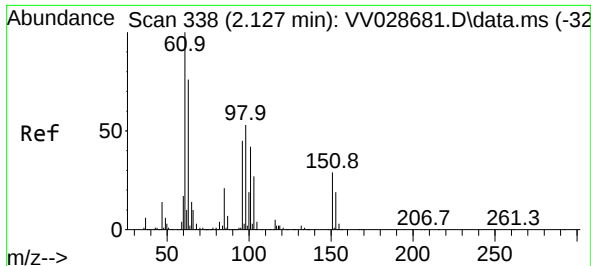
Tgt Ion: 50 Resp: 2290
Ion Ratio Lower Upper
50 100
52 29.1 21.8 40.6



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.010 min
Lab File: VV028691.D
Acq: 26 Oct 2022 13:36

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 87.9 64.3 119.3





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :

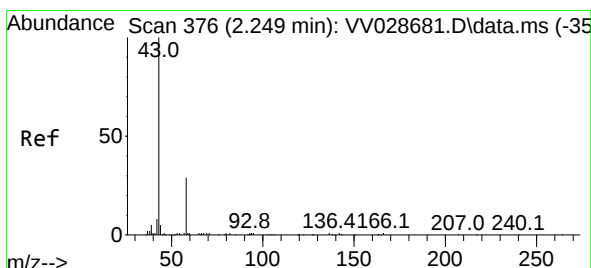
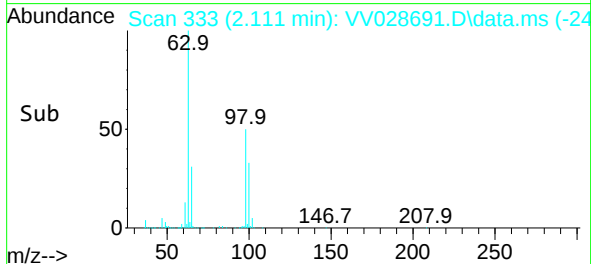
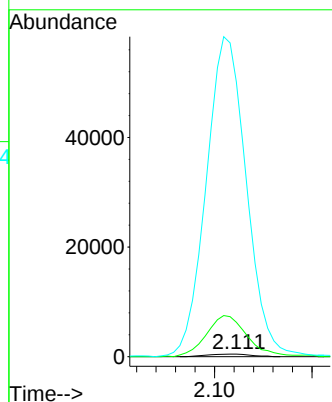
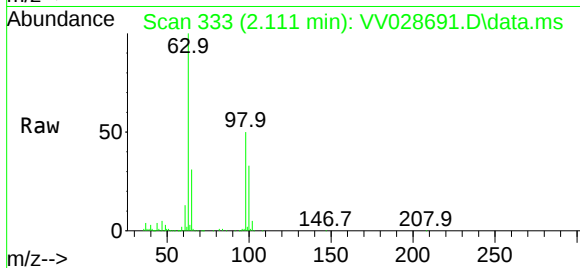
Tgt Ion: 96 Resp: 730

Ion Ratio Lower Upper

96 100

61 1349.4 148.1 275.1#

63 10753.6 133.3 247.7#



#13

Acetone

Concen: 7.633 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.067 min

Lab File: VV028691.D

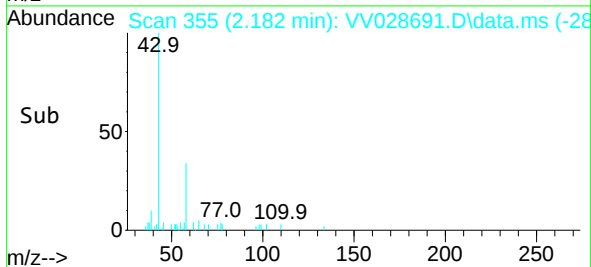
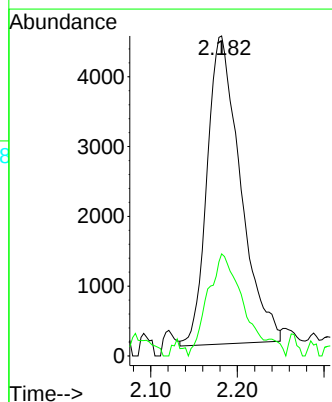
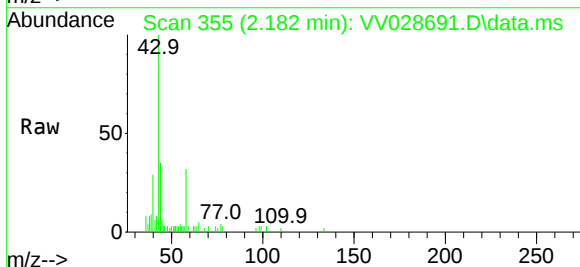
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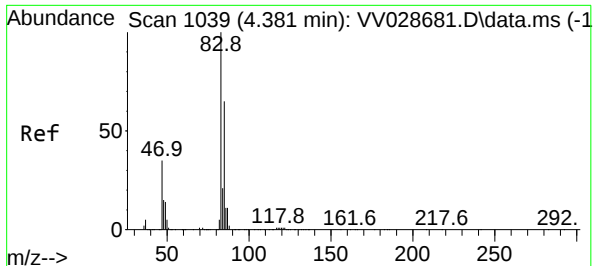
Tgt Ion: 43 Resp: 11814

Ion Ratio Lower Upper

43 100

58 34.2 0.0 50.2





#25

Chloroform

Concen: 2.939 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.010 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

Instrument :

MSVOA_V

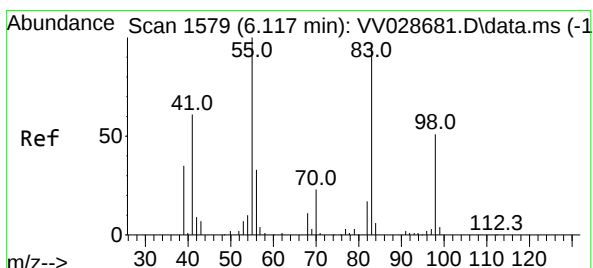
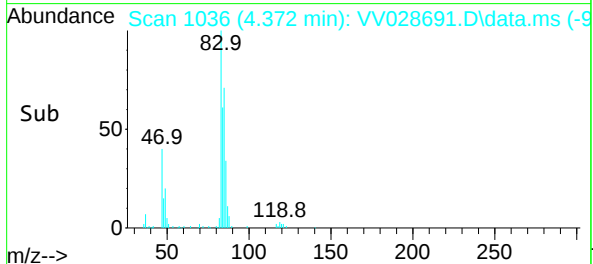
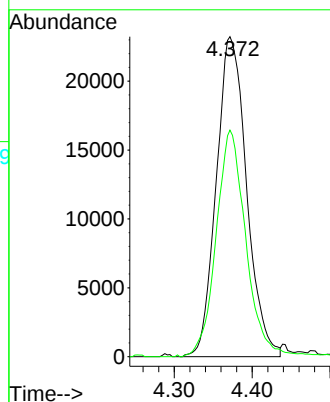
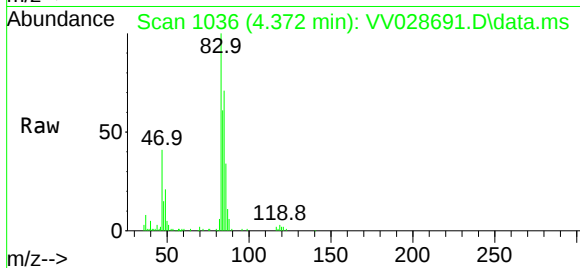
ClientSampleId :

Tgt Ion: 83 Resp: 62762

Ion Ratio Lower Upper

83 100

85 70.8 44.1 81.9



#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.048 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

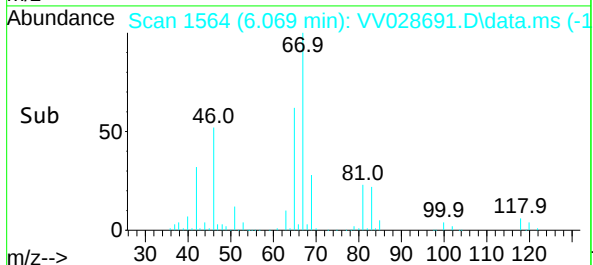
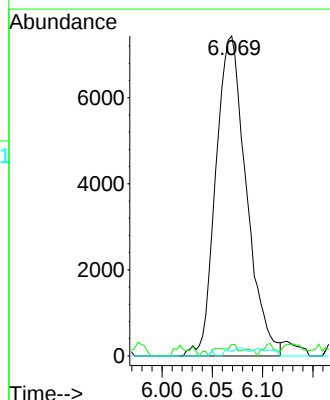
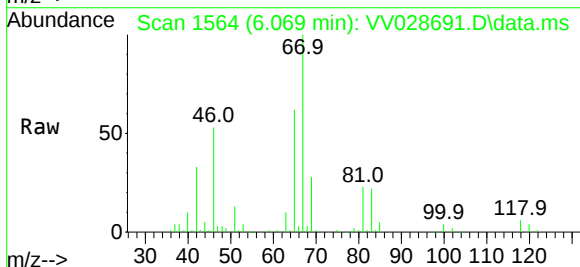
Tgt Ion: 83 Resp: 15671

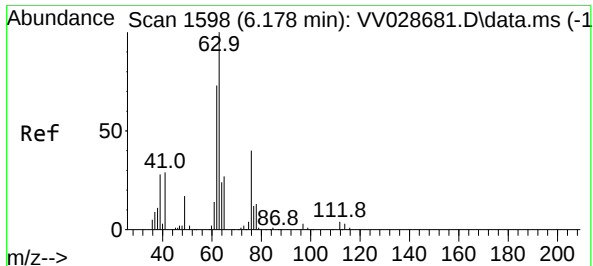
Ion Ratio Lower Upper

83 100

55 0.7 70.0 105.0#

98 0.0 35.6 53.4#





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.113 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

Instrument :

MSVOA_V

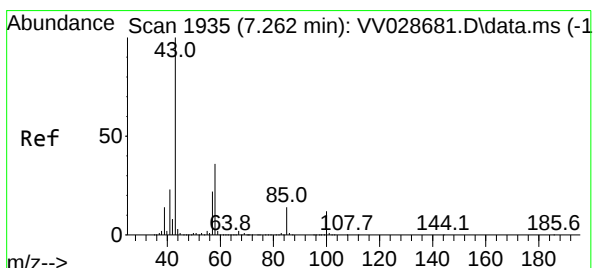
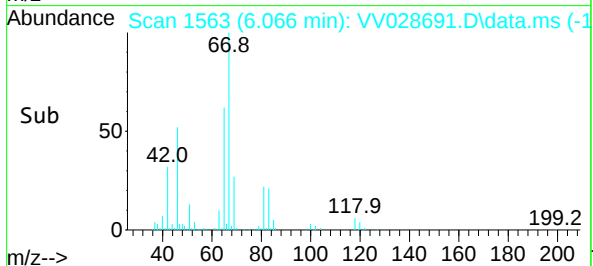
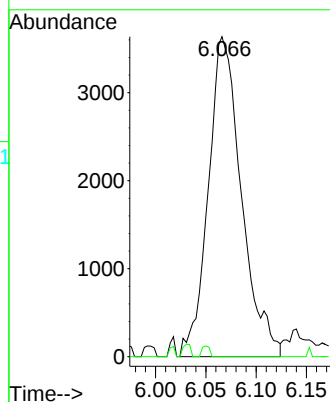
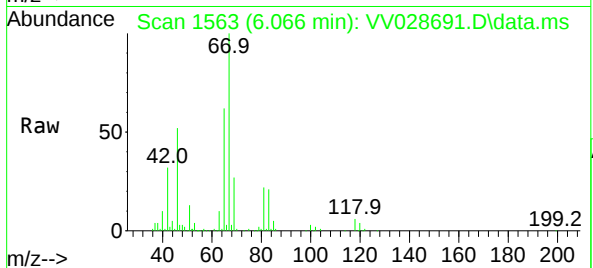
ClientSampleId :

Tgt Ion: 63 Resp: 8333

Ion Ratio Lower Upper

63 100

112 0.8 3.4 5.2#



#40

4-Methyl-2-pentanone

Concen: 6.167 ug/L

RT: 7.133 min Scan# 1895

Delta R.T. -0.129 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

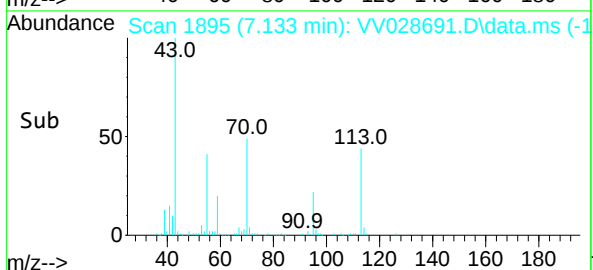
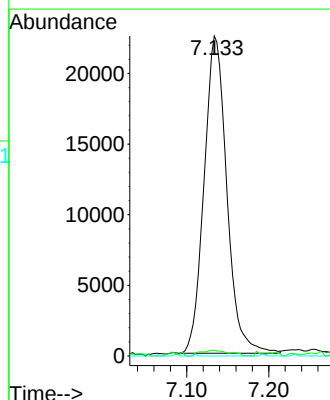
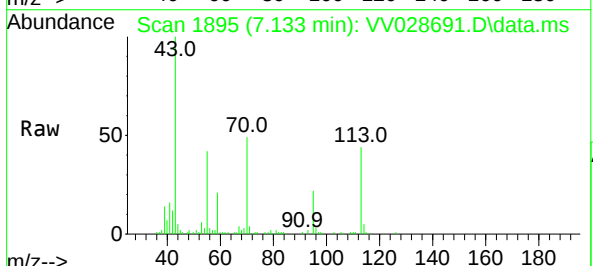
Tgt Ion: 43 Resp: 43291

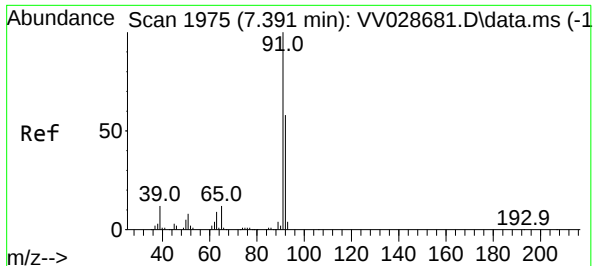
Ion Ratio Lower Upper

43 100

58 1.9 29.6 44.4#

100 0.0 9.4 14.0#





#42

Toluene

Concen: 0.245 ug/L

RT: 7.394 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV028691.D

Acq: 26 Oct 2022 13:36

Instrument :

MSVOA_V

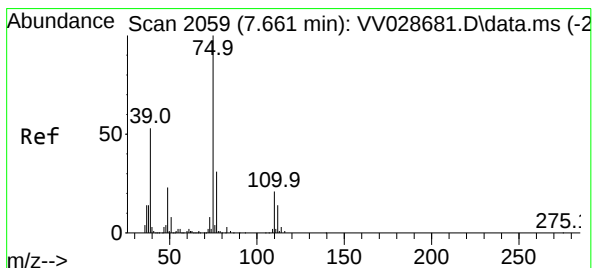
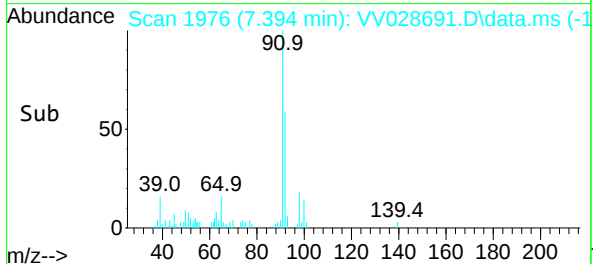
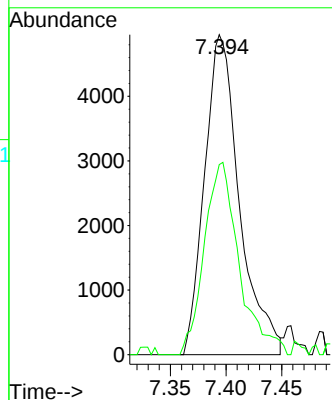
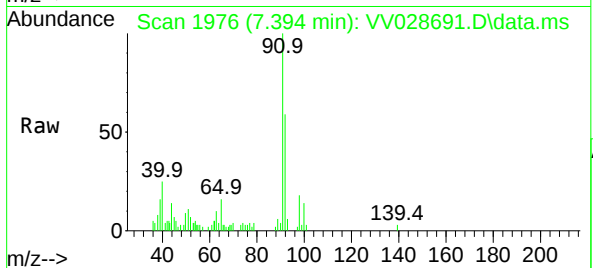
ClientSampleId :

Tgt Ion: 91 Resp: 10777

Ion Ratio Lower Upper

91 100

92 59.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.045 min

Lab File: VV028691.D

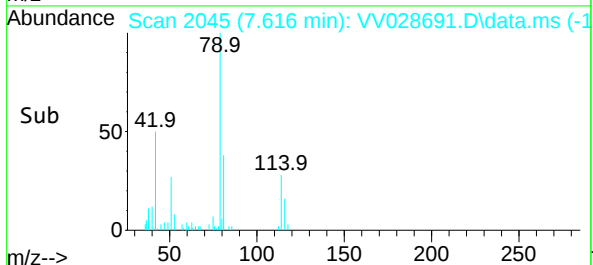
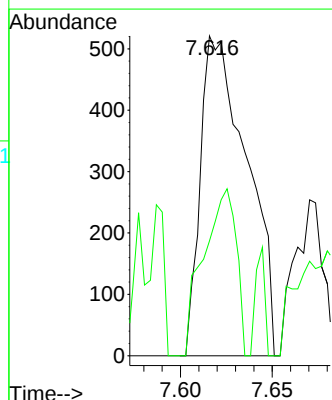
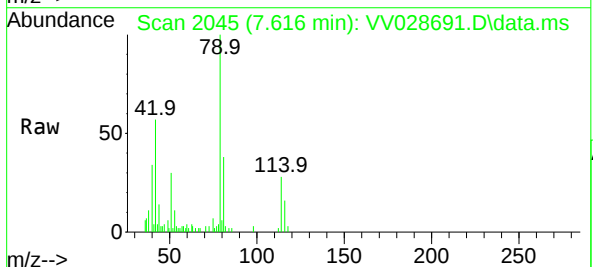
Acq: 26 Oct 2022 13:36

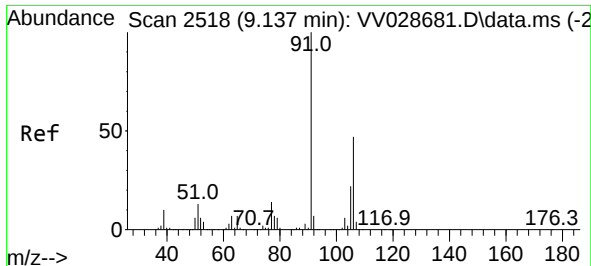
Tgt Ion: 75 Resp: 921

Ion Ratio Lower Upper

75 100

77 35.9 22.6 42.0

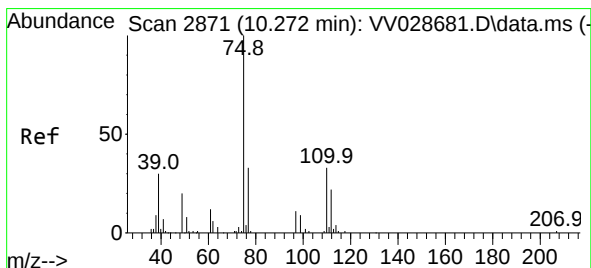
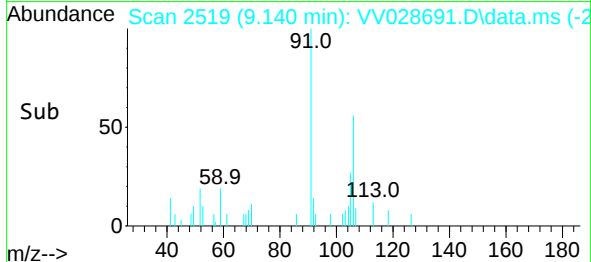
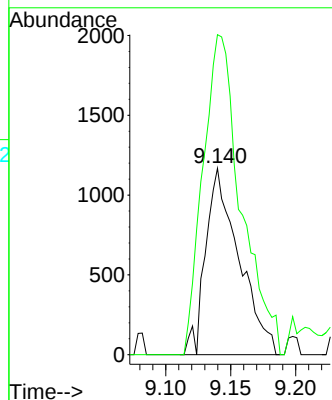
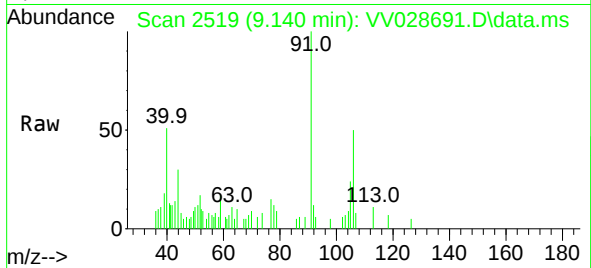




#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028691.D
Acq: 26 Oct 2022 13:36

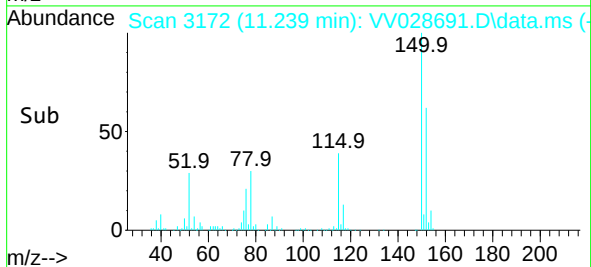
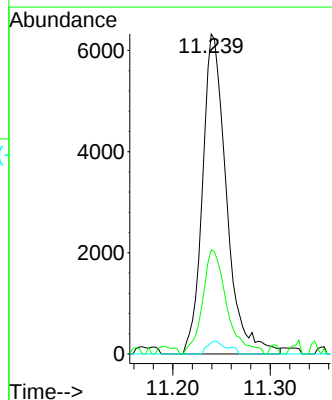
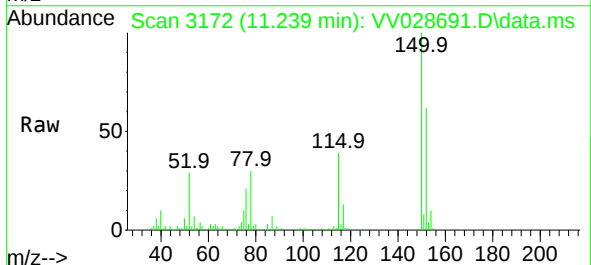
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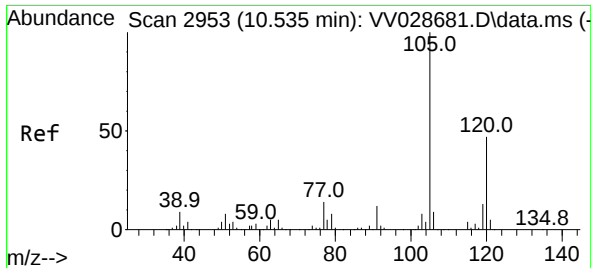
Tgt Ion:106 Resp: 2089
Ion Ratio Lower Upper
106 100
91 171.7 145.5 270.1



#61
1,2,3-Trichloropropane
Concen: 1.867 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.968 min
Lab File: VV028691.D
Acq: 26 Oct 2022 13:36

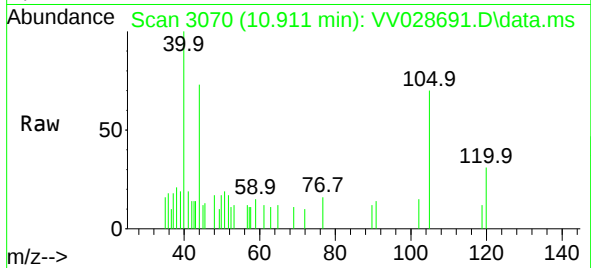
Tgt Ion: 75 Resp: 10812
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
110 2.6 27.9 41.9#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.098 ug/L
 RT: 10.911 min Scan# 30
 Delta R.T. 0.376 min
 Lab File: VV028691.D
 Acq: 26 Oct 2022 13:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1211
 Ion Ratio Lower Upper
 105 100
 120 44.2 38.3 57.5

