

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101822\
 Data File : VW028614.D
 Acq On : 18 Oct 2022 14:43
 Operator : SY/MD
 Sample : N5173-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

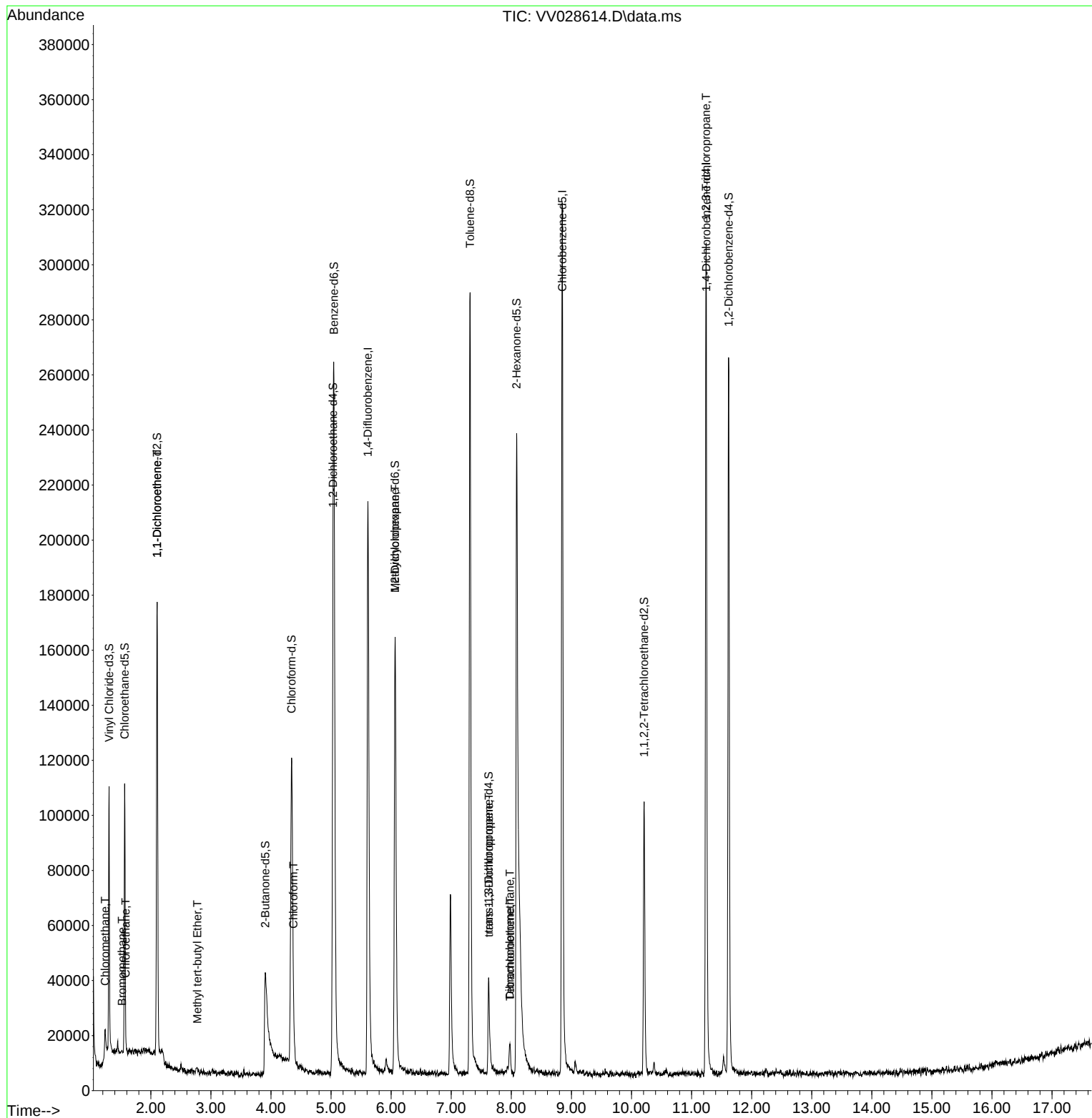
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	176221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	166155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	73074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62332	4.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.564	69	60053	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.105	63	92112	3.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.905	46	93744	28.753	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.500%
24) Chloroform-d	4.342	84	113620	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.031	65	59631	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.047	84	227376	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	80481	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.313	98	185685	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.622	79	22420	3.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.088	63	116776	46.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49410	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	62559	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	7035	0.422	ug/L	97
6) Bromomethane	1.519	94	526	0.072	ug/L	94
8) Chloroethane	1.581	64	904	0.086	ug/L	94
12) 1,1-Dichloroethene	2.105	96	1069	0.098	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	1198	0.043	ug/L #	80
25) Chloroform	4.371	83	3328	0.137	ug/L	87
35) Methylcyclohexane	6.066	83	17515	0.750	ug/L #	18
44) trans-1,3-Dichloropropene	7.625	75	1231	0.081	ug/L	84
47) Tetrachloroethene	7.979	164	2577	0.282	ug/L	93
49) Dibromochloromethane	7.976	129	2619	0.296	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	10984	1.682	ug/L #	67

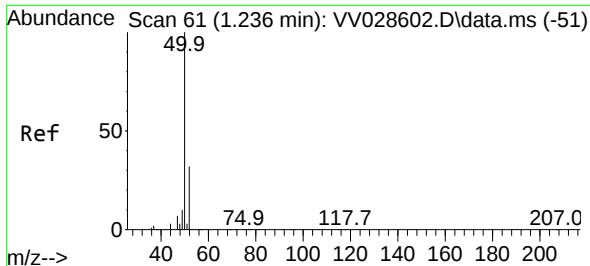
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028614.D
Acq On : 18 Oct 2022 14:43
Operator : SY/MD
Sample : N5173-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

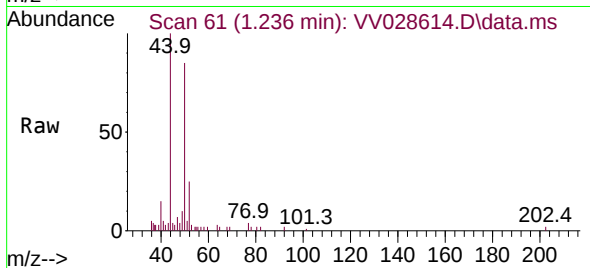
Quant Time: Oct 19 00:39:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration



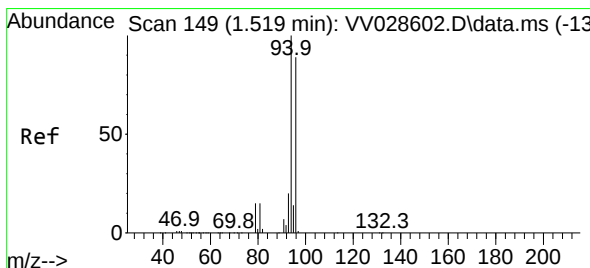
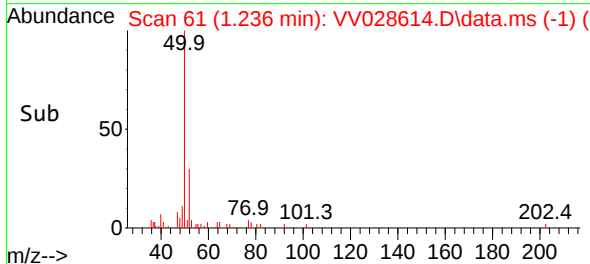
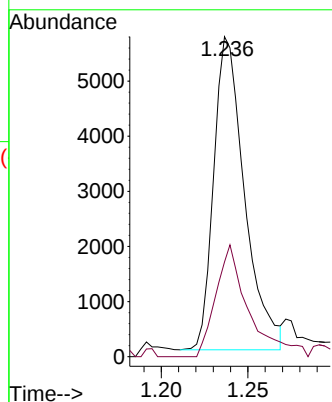


#3
Chloromethane
Concen: 0.422 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

Instrument :
MSVOA_V
ClientSampleId :

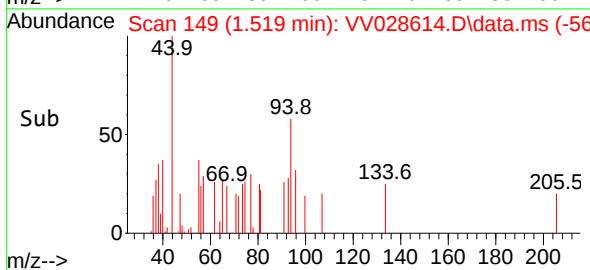
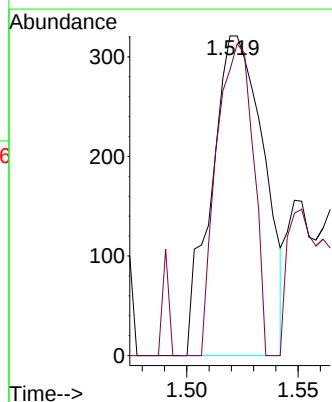
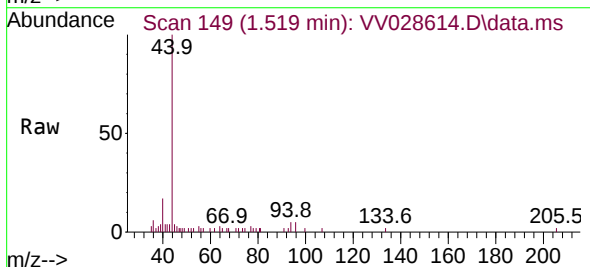


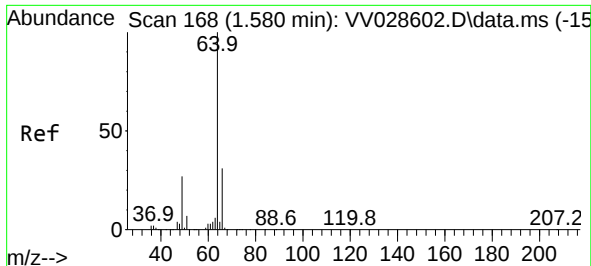
Tgt Ion: 50 Resp: 7035
Ion Ratio Lower Upper
50 100
52 29.6 22.0 41.0



#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

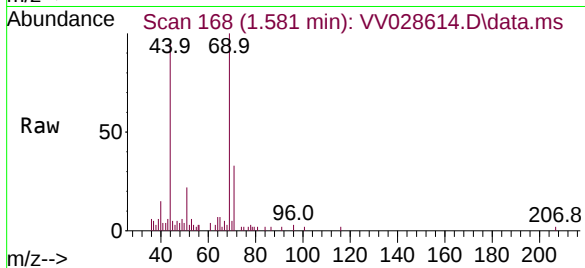
Tgt Ion: 94 Resp: 526
Ion Ratio Lower Upper
94 100
96 89.4 67.0 124.4



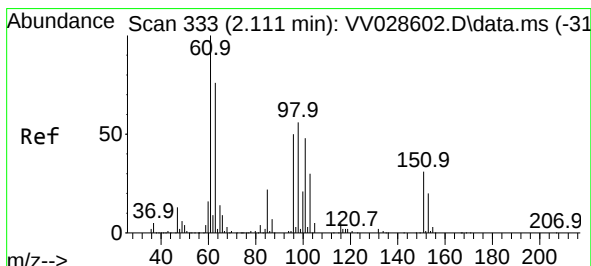
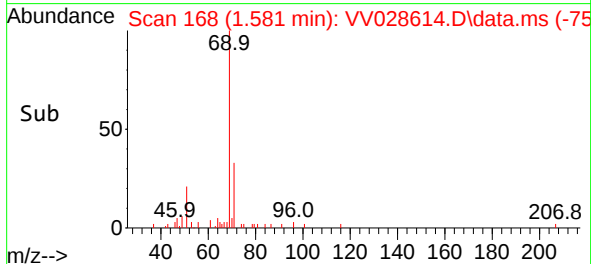
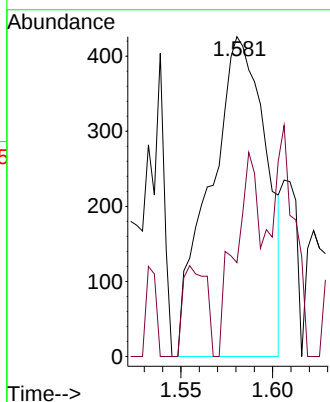


#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

Instrument :
MSVOA_V
ClientSampleId :

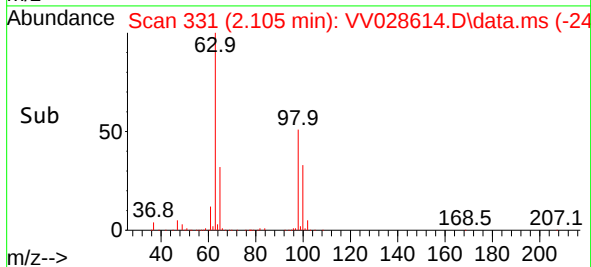
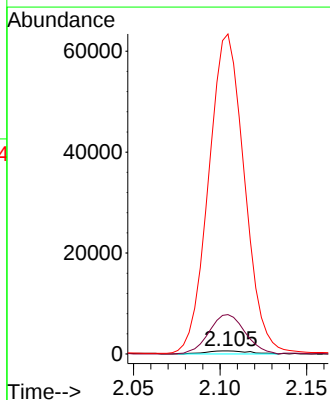
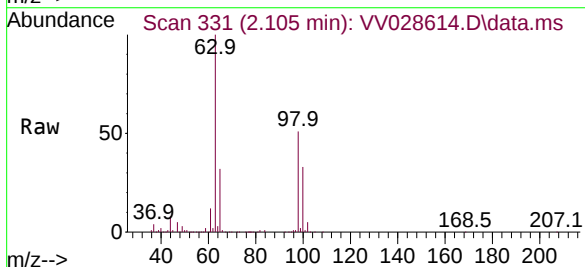


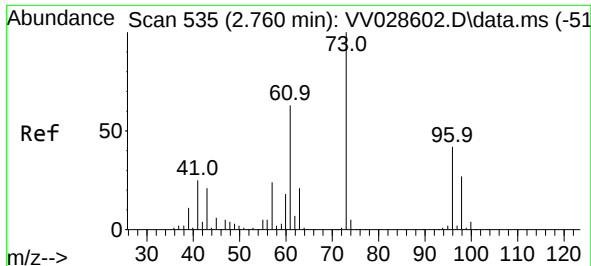
Tgt Ion: 64 Resp: 904
Ion Ratio Lower Upper
64 100
66 29.3 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

Tgt Ion: 96 Resp: 1069
Ion Ratio Lower Upper
96 100
61 1267.5 142.9 265.5#
63 10312.8 102.3 190.1#

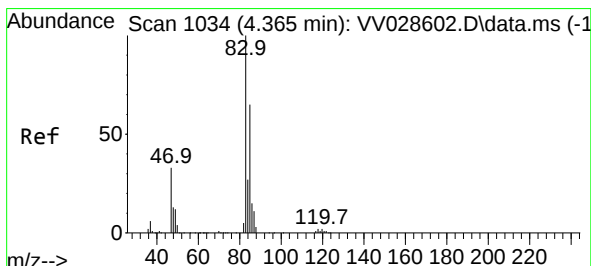
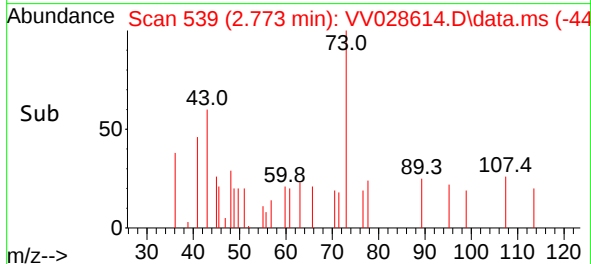
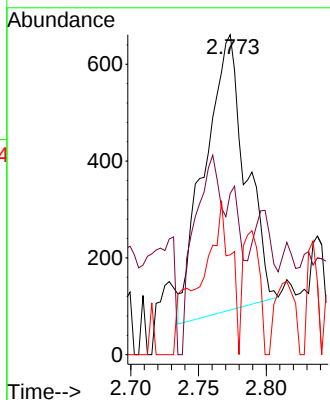
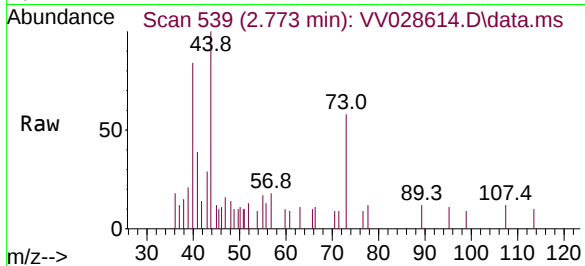




#17
Methyl tert-butyl Ether
Concen: 0.043 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

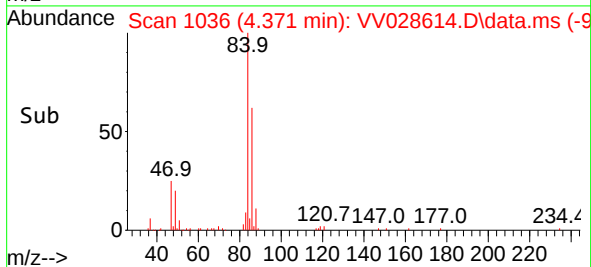
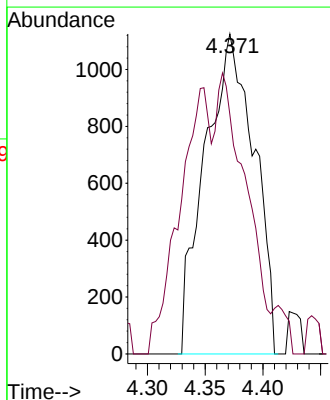
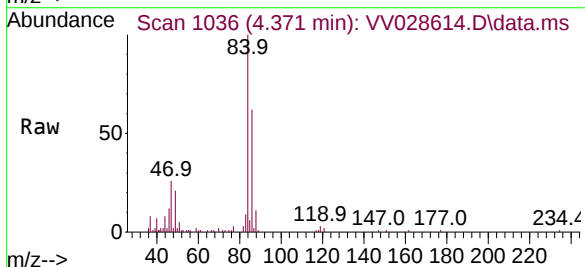
Instrument :
MSVOA_V
ClientSampleId :

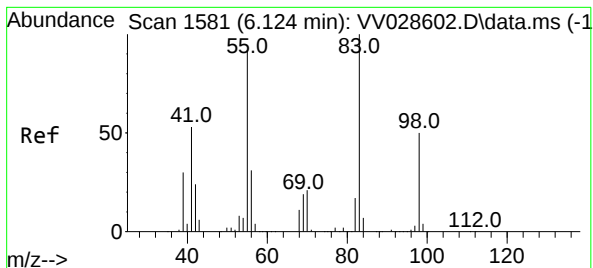
Tgt Ion: 73 Resp: 1198
Ion Ratio Lower Upper
73 100
43 9.0 18.2 27.2#
57 30.6 19.5 29.3#



#25
Chloroform
Concen: 0.137 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028614.D
Acq: 18 Oct 2022 14:43

Tgt Ion: 83 Resp: 3328
Ion Ratio Lower Upper
83 100
85 74.8 45.1 83.9





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028614.D

Acq: 18 Oct 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

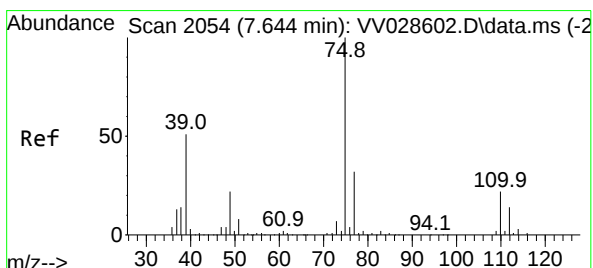
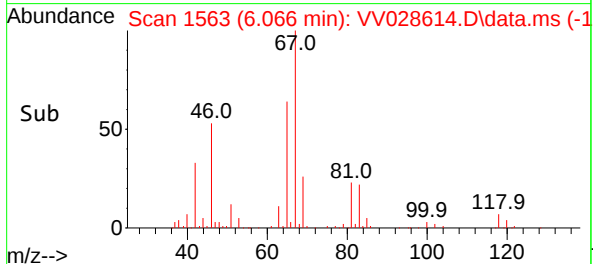
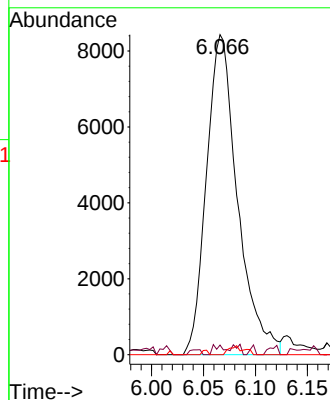
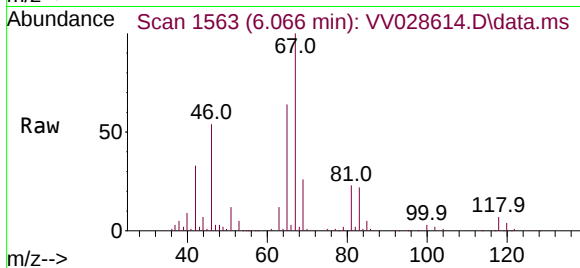
Tgt Ion: 83 Resp: 17515

Ion Ratio Lower Upper

83 100

55 1.1 65.0 97.6#

98 0.3 36.4 54.6#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.019 min

Lab File: VV028614.D

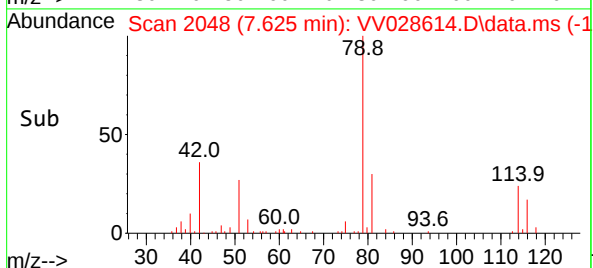
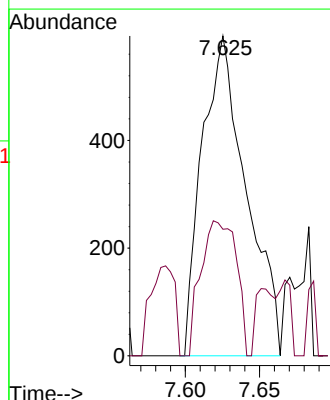
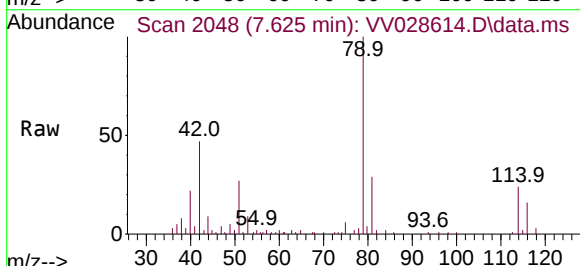
Acq: 18 Oct 2022 14:43

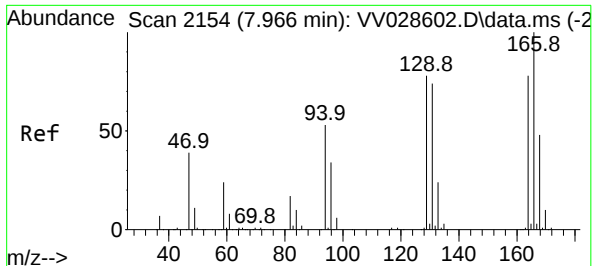
Tgt Ion: 75 Resp: 1231

Ion Ratio Lower Upper

75 100

77 39.6 21.7 40.3





#47

Tetrachloroethene

Concen: 0.282 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.013 min

Lab File: VV028614.D

Acq: 18 Oct 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2577

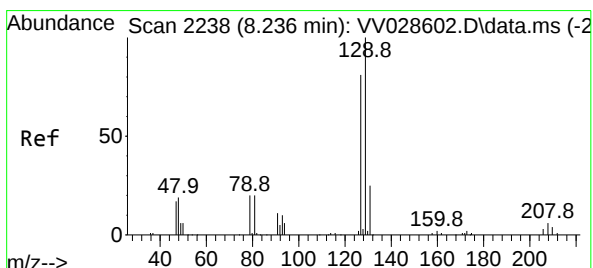
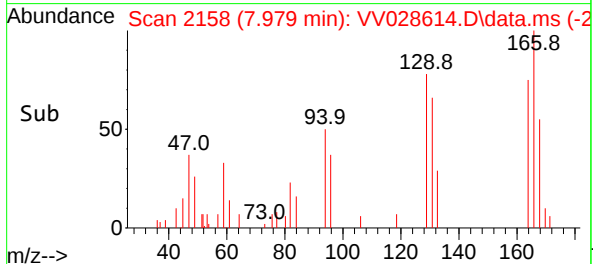
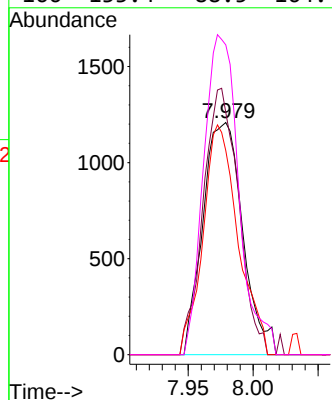
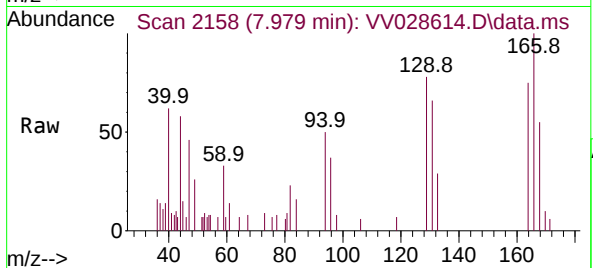
Ion Ratio Lower Upper

164 100

129 104.2 69.3 128.7

131 87.8 67.3 125.1

166 133.4 88.5 164.4



#49

Dibromochloromethane

Concen: 0.296 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.260 min

Lab File: VV028614.D

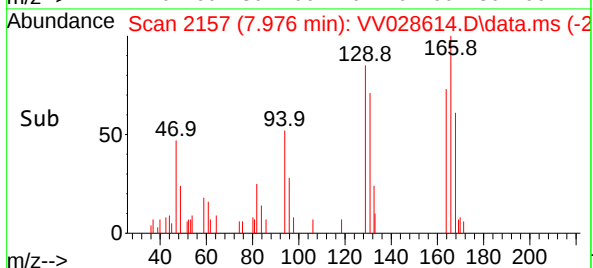
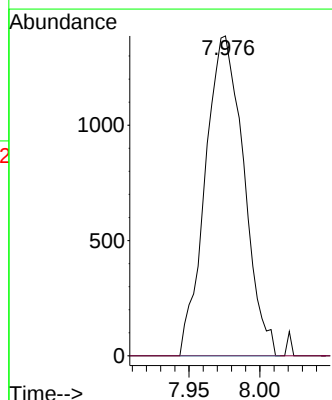
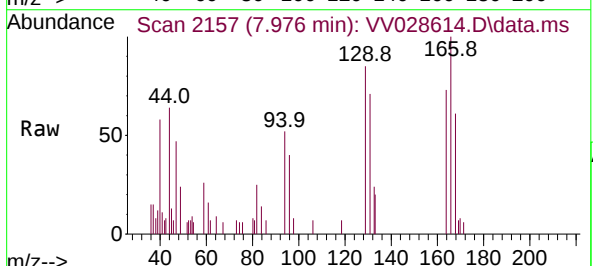
Acq: 18 Oct 2022 14:43

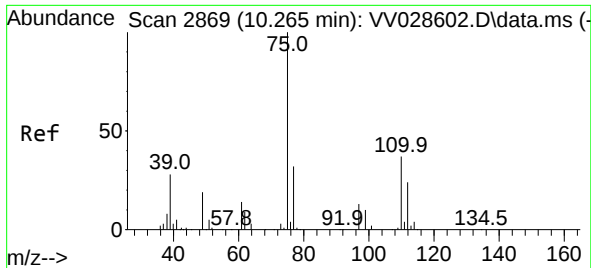
Tgt Ion:129 Resp: 2619

Ion Ratio Lower Upper

129 100

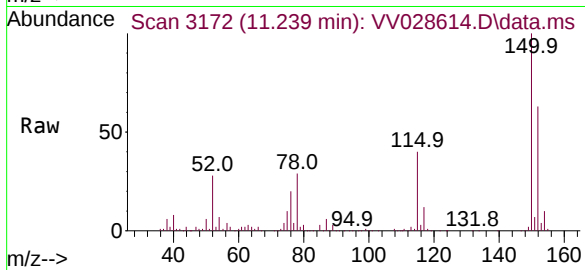
127 0.0 53.8 100.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.682 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028614.D
 Acq: 18 Oct 2022 14:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	10984
Ion	Ratio	Lower	Upper
75	100		
77	35.3	24.6	37.0
110	3.1	28.3	42.5#

