

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027394.D
 Acq On : 15 Aug 2022 18:02
 Operator : SY/MD
 Sample : N4195-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	163506	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	171609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73521	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	44773	3.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.561	69	37505	3.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.101	63	61654	2.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.889	46	118015	49.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	4.342	84	104357	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.027	65	54005	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.047	84	191596	3.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.066	67	65456	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.313	98	153502	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.625	79	21557	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.088	63	94067	44.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48237	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	59741	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%

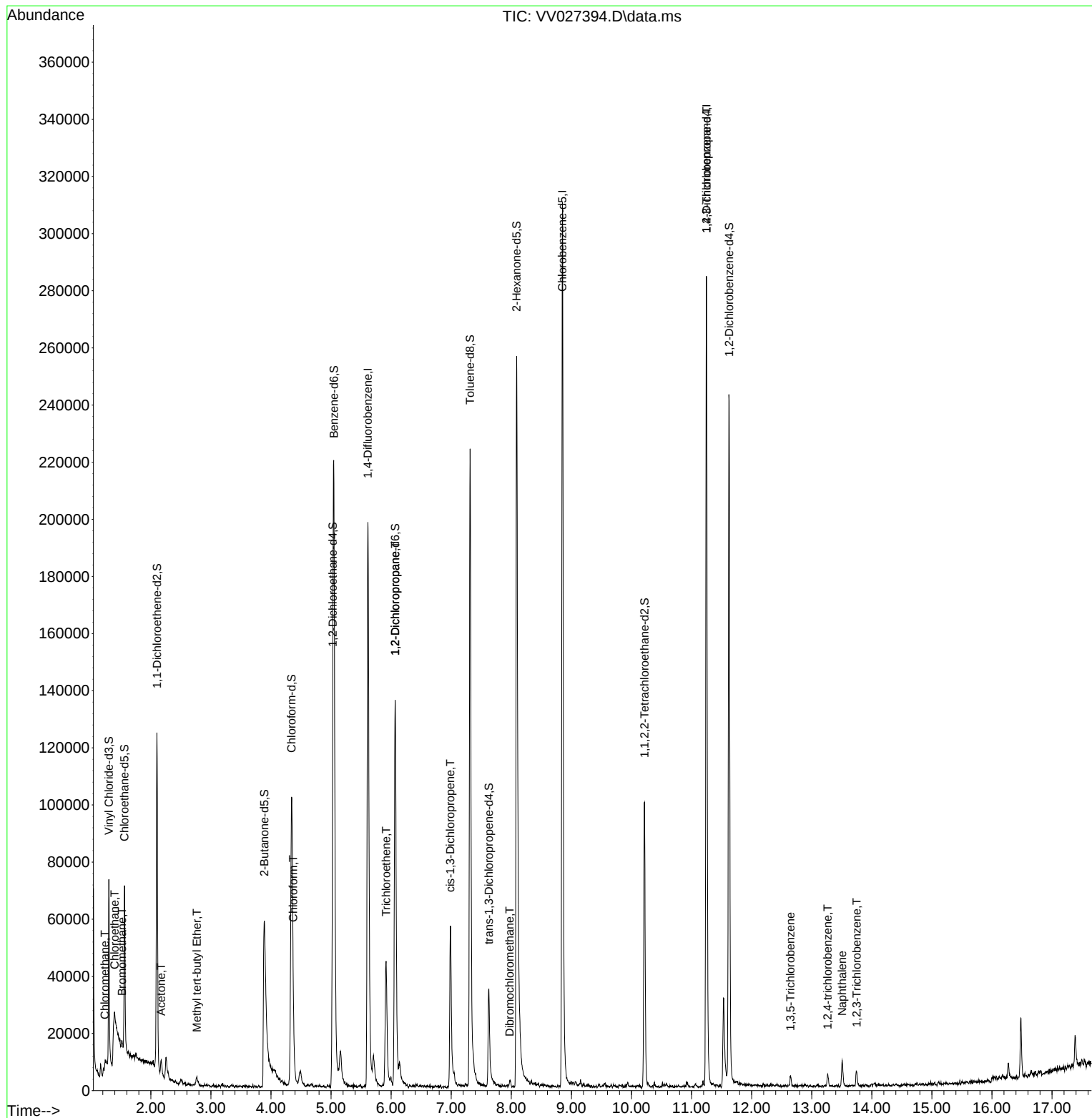
Target Compounds	Qvalue					
3) Chloromethane	1.233	50	2259	0.116	ug/L #	81
6) Bromomethane	1.519	94	693	0.082	ug/L	93
8) Chloroethane	1.397	64	45647	4.529	ug/L #	53
13) Acetone	2.172	43	7708	4.336	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	2106	0.077	ug/L #	68
25) Chloroform	4.368	83	6703	0.235	ug/L	97
34) Trichloroethene	5.915	95	15723	1.077	ug/L	98
37) 1,2-Dichloropropane	6.066	63	7533	0.520	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1509	0.085	ug/L #	64
49) Dibromochloromethane	7.972	129	378	0.031	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	9265	1.308	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.648	180	1156	0.069	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	1461	0.117	ug/L	92
71) Naphthalene	13.506	128	6737	0.350	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.747	180	1618	0.139	ug/L	94

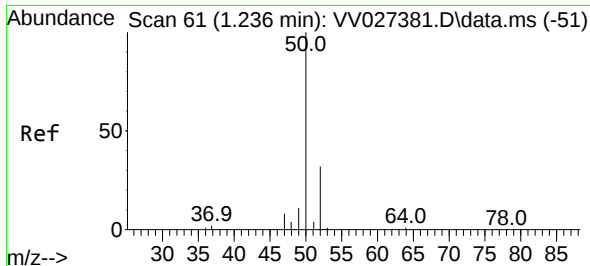
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027394.D
Acq On : 15 Aug 2022 18:02
Operator : SY/MD
Sample : N4195-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 16 02:38:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 16 00:24:20 2022
Response via : Initial Calibration

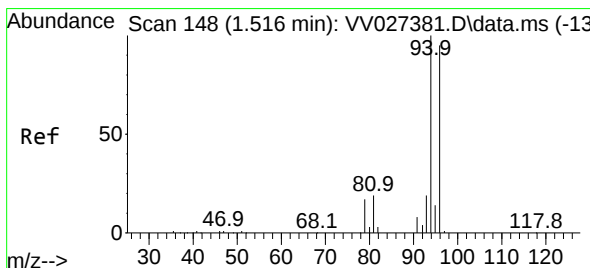
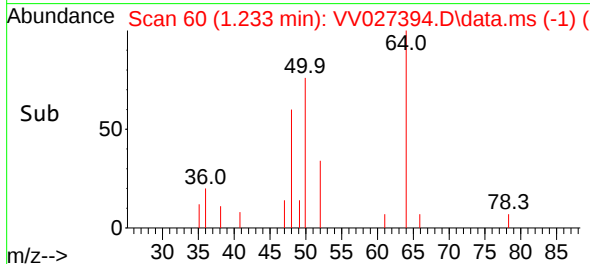
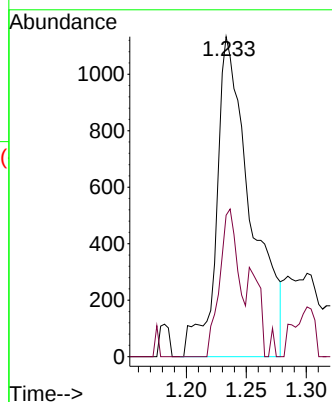
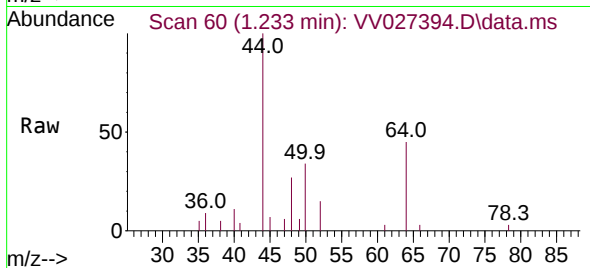




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

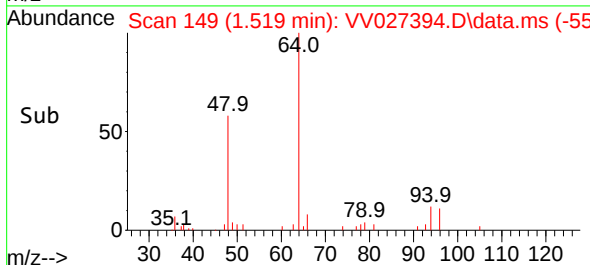
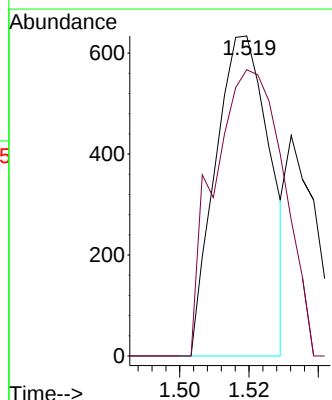
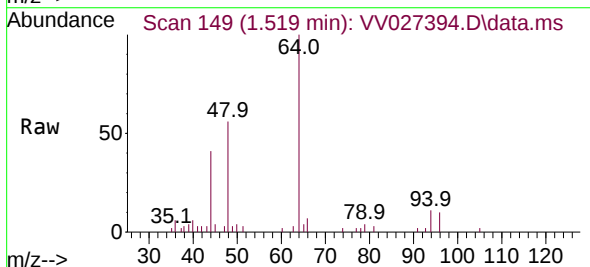
Instrument :
MSVOA_V
ClientSampleId :

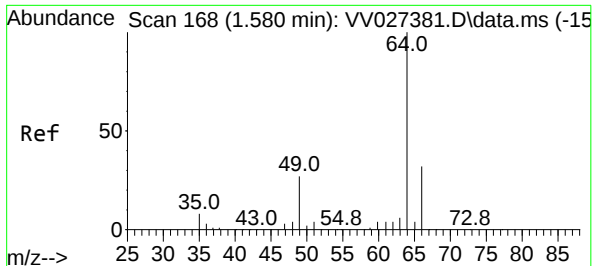
Tgt Ion: 50 Resp: 2259
Ion Ratio Lower Upper
50 100
52 44.2 23.4 43.4#



#6
Bromomethane
Concen: 0.082 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

Tgt Ion: 94 Resp: 693
Ion Ratio Lower Upper
94 100
96 89.4 67.2 124.8

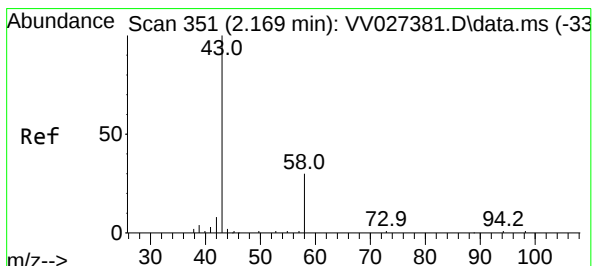
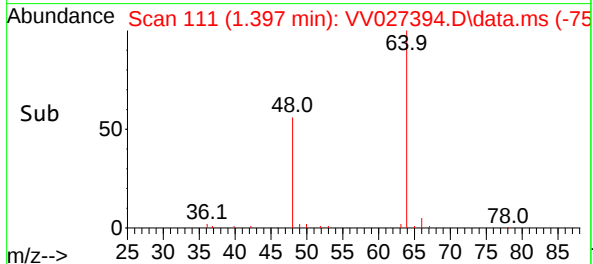
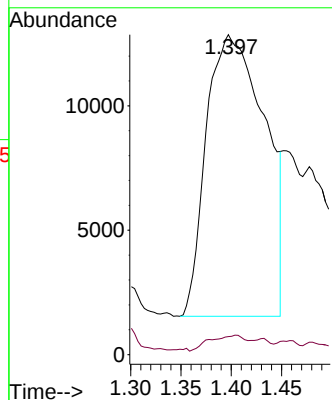
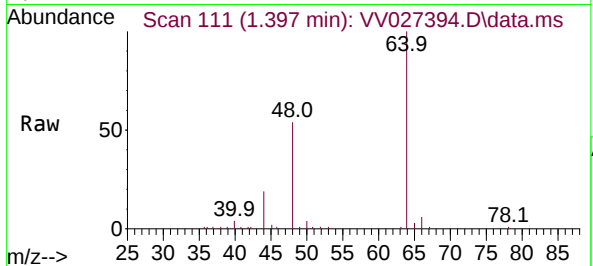




#8
Chloroethane
Concen: 4.529 ug/L
RT: 1.397 min Scan# 111
Delta R.T. -0.183 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

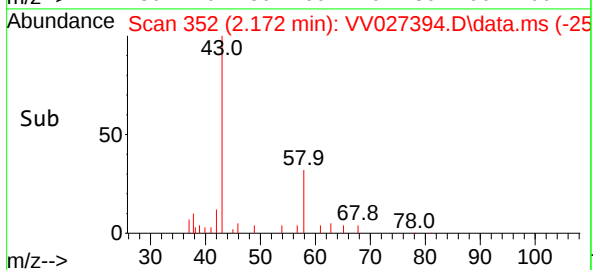
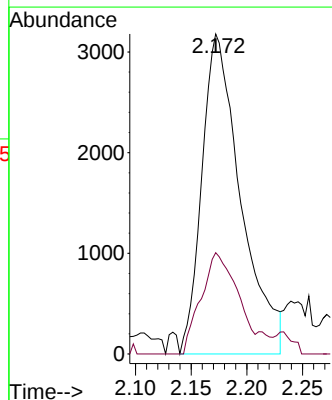
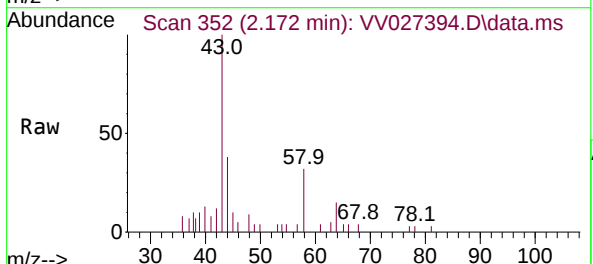
Instrument :
MSVOA_V
ClientSampleId :

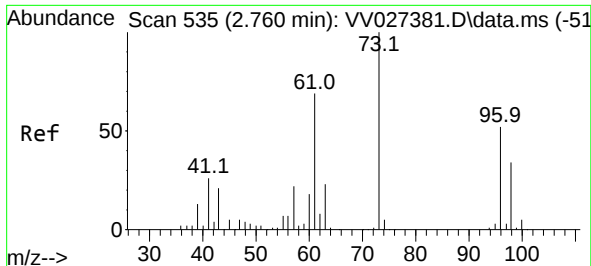
Tgt Ion: 64 Resp: 45647
Ion Ratio Lower Upper
64 100
66 5.7 22.3 41.5#



#13
Acetone
Concen: 4.336 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.003 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

Tgt Ion: 43 Resp: 7708
Ion Ratio Lower Upper
43 100
58 32.2 0.0 63.2





#17

Methyl tert-butyl Ether

Concen: 0.077 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV027394.D

Acq: 15 Aug 2022 18:02

Instrument :

MSVOA_V

ClientSampleId :

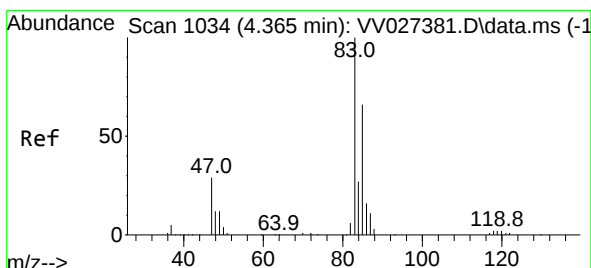
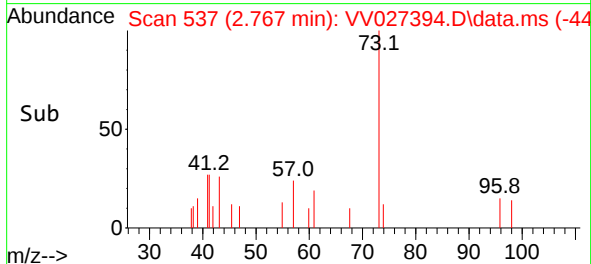
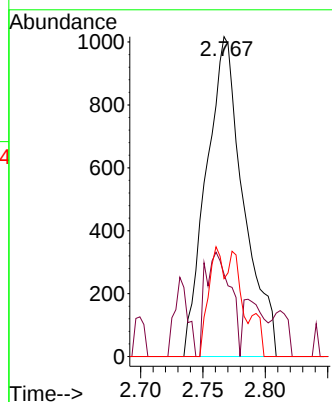
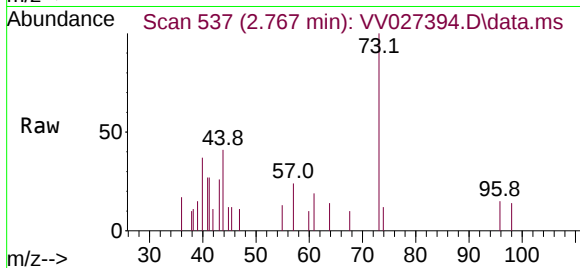
Tgt Ion: 73 Resp: 2106

Ion Ratio Lower Upper

73 100

43 0.0 15.8 23.8#

57 12.5 18.3 27.5#



#25

Chloroform

Concen: 0.235 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027394.D

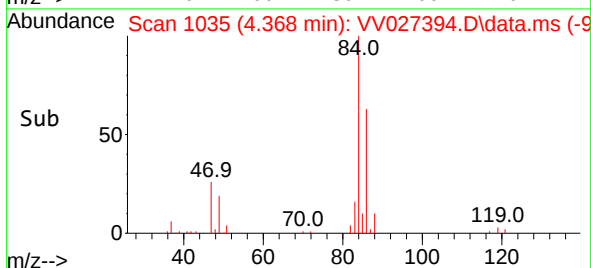
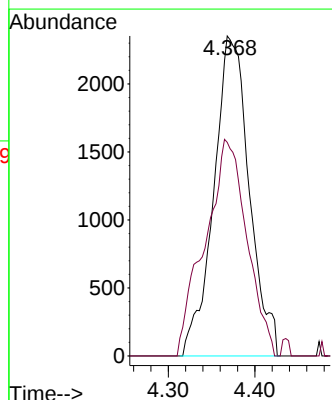
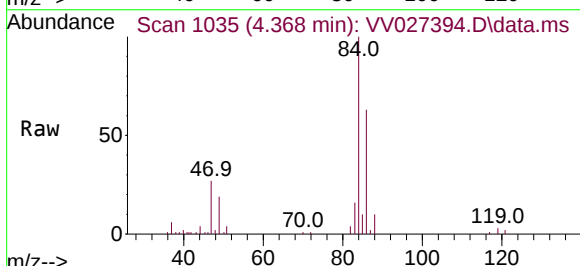
Acq: 15 Aug 2022 18:02

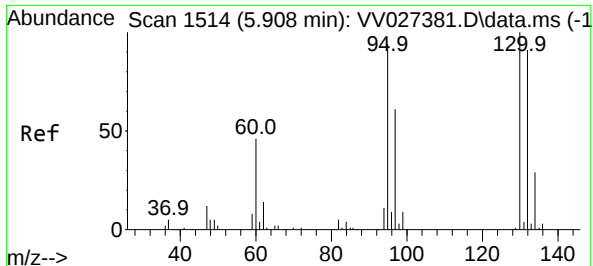
Tgt Ion: 83 Resp: 6703

Ion Ratio Lower Upper

83 100

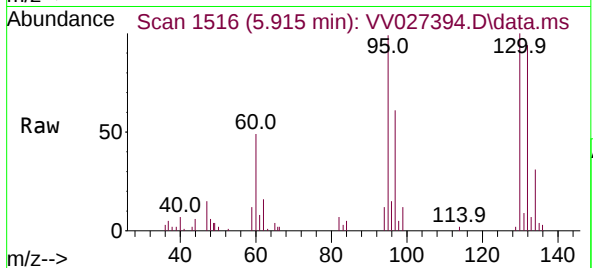
85 66.8 45.2 84.0





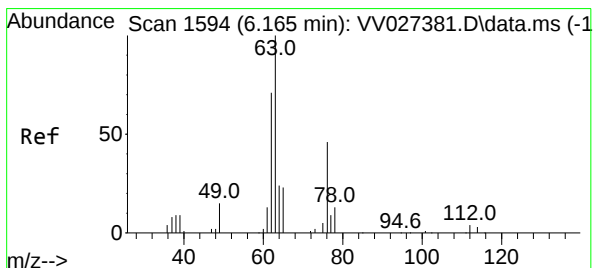
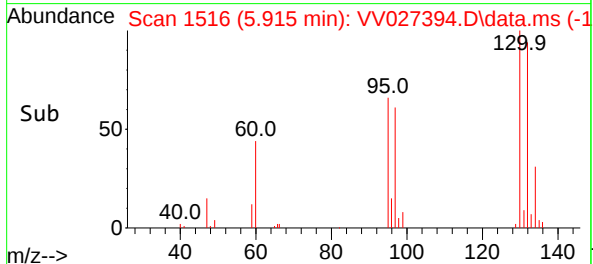
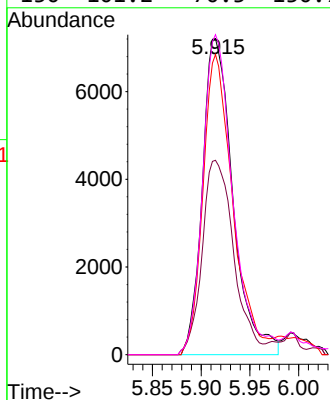
#34
Trichloroethene
Concen: 1.077 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 15723

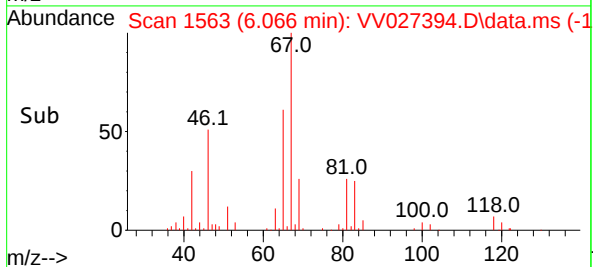
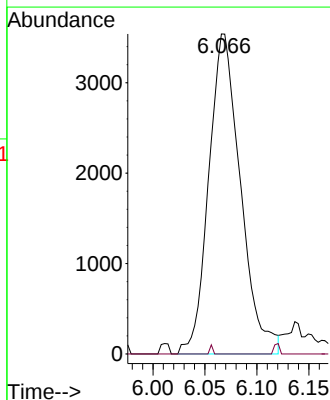
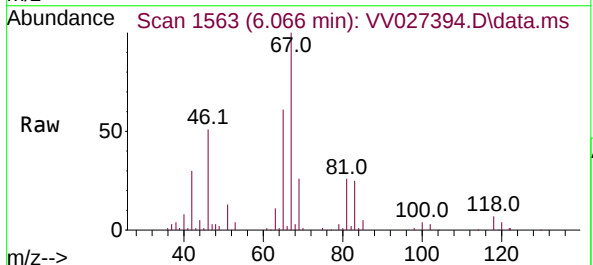
Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.5	84.5
132	94.9	68.2	126.6
130	101.2	70.3	130.7

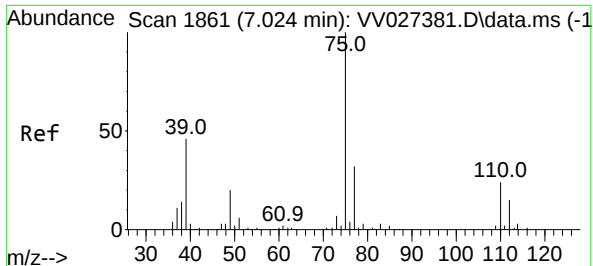


#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

Tgt Ion: 63 Resp: 7533

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027394.D

Acq: 15 Aug 2022 18:02

Instrument :

MSVOA_V

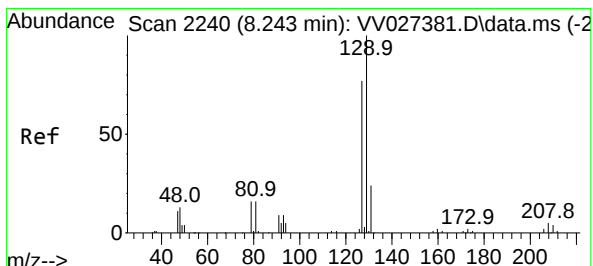
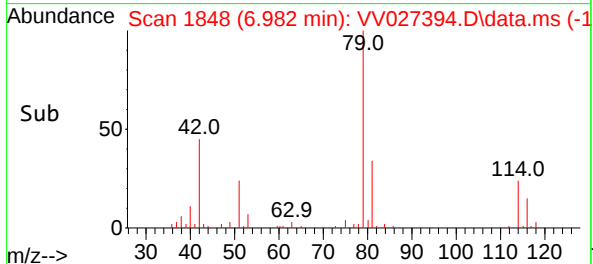
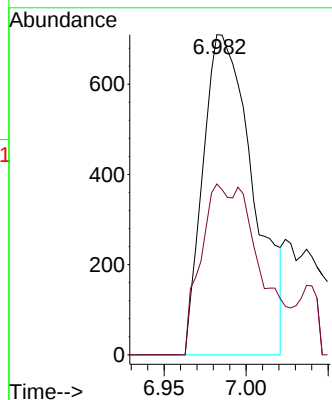
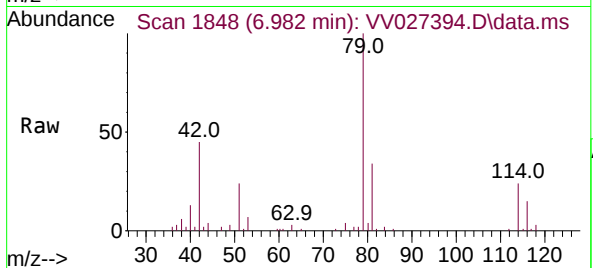
ClientSampleId :

Tgt Ion: 75 Resp: 1509

Ion Ratio Lower Upper

75 100

77 53.4 23.2 43.0#



#49

Dibromochloromethane

Concen: 0.031 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027394.D

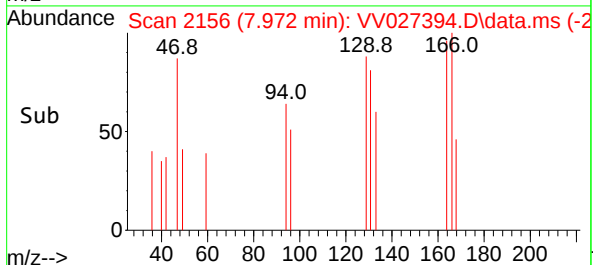
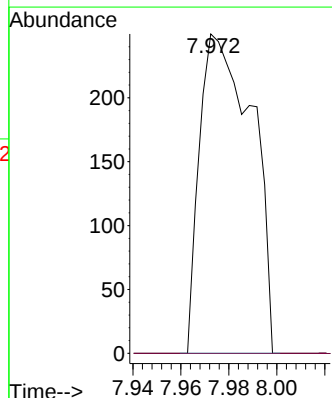
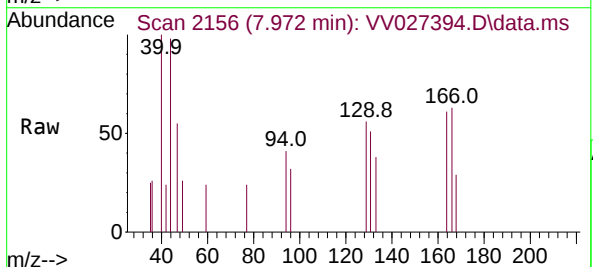
Acq: 15 Aug 2022 18:02

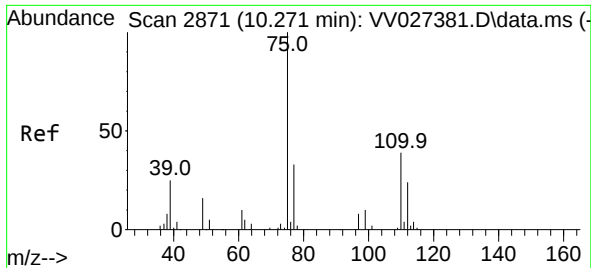
Tgt Ion: 129 Resp: 378

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#

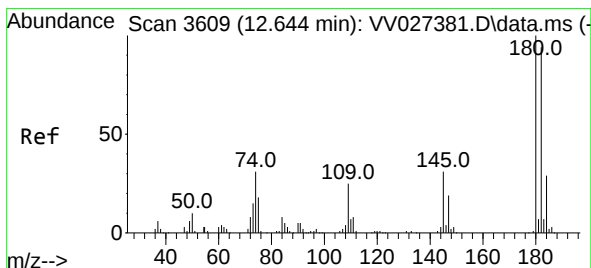
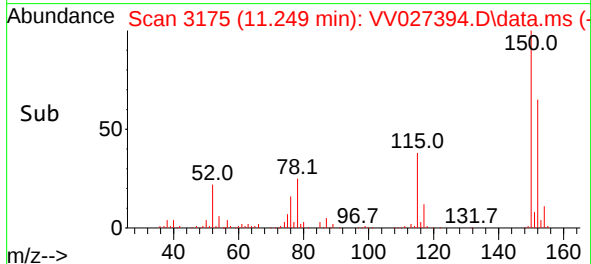
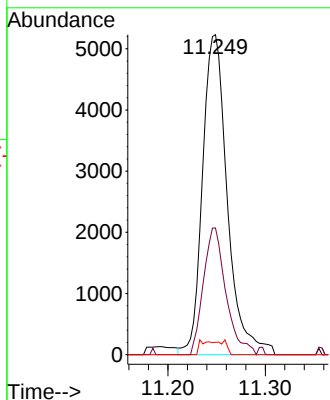
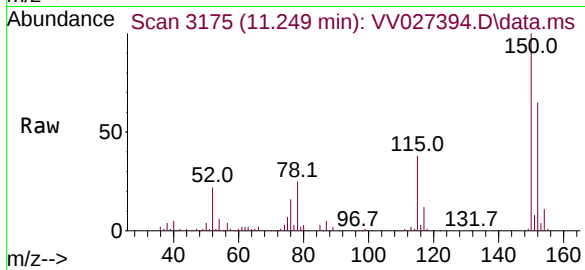




#61
 1,2,3-Trichloropropane
 Concen: 1.308 ug/L
 RT: 11.249 min Scan# 31175
 Delta R.T. 0.977 min
 Lab File: VV027394.D
 Acq: 15 Aug 2022 18:02

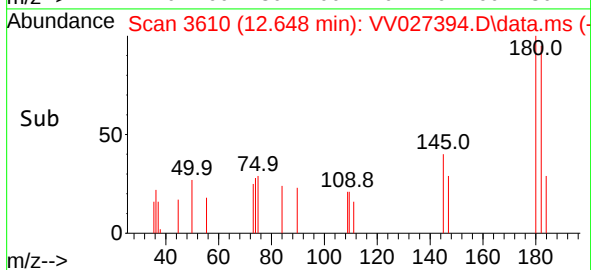
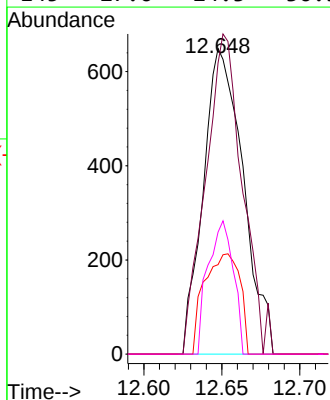
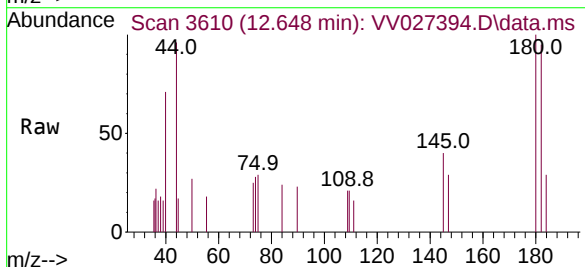
Instrument :
 MSVOA_V
 ClientSampleId :

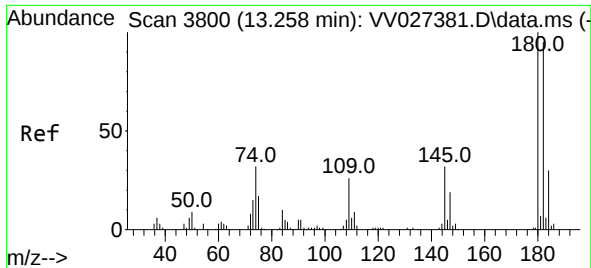
Tgt Ion: 75 Resp: 9265
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.6 39.8
 110 2.6 31.0 46.6#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.069 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV027394.D
 Acq: 15 Aug 2022 18:02

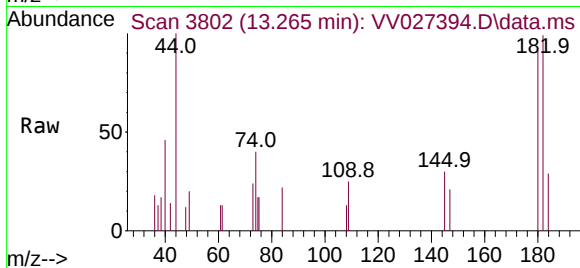
Tgt Ion:180 Resp: 1156
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.7 112.1
 184 29.2 23.3 34.9
 145 27.6 24.3 36.5



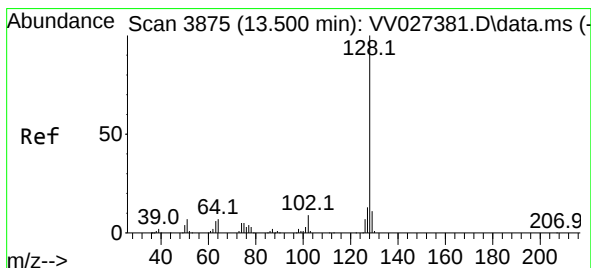
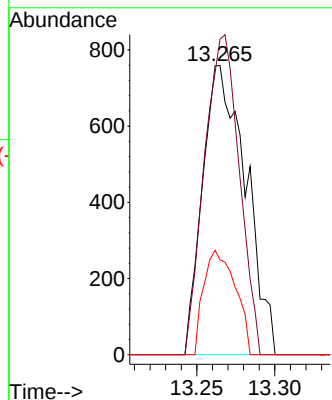
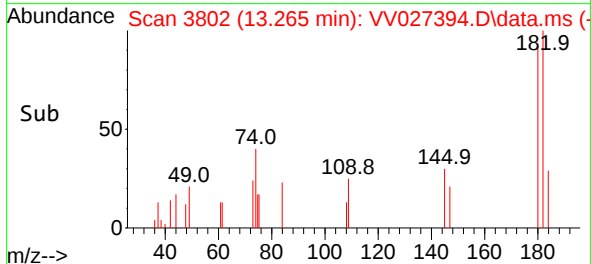


#70
1,2,4-trichlorobenzene
Concen: 0.117 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02

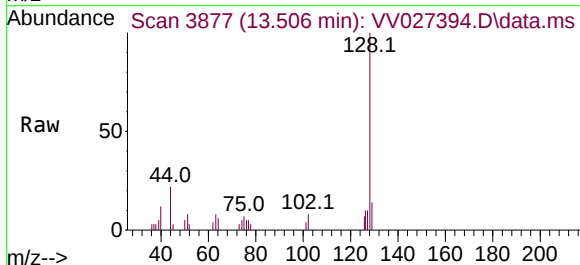
Instrument :
MSVOA_V
ClientSampleId :



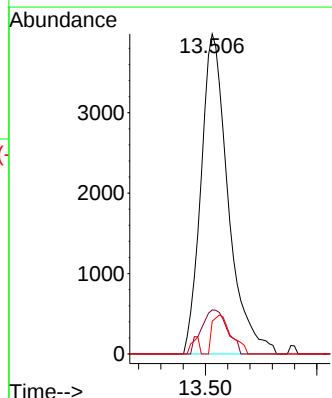
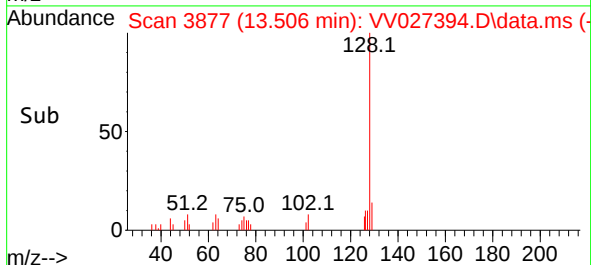
Tgt Ion:180 Resp: 1461
Ion Ratio Lower Upper
180 100
182 89.4 77.4 116.0
145 26.4 24.9 37.3

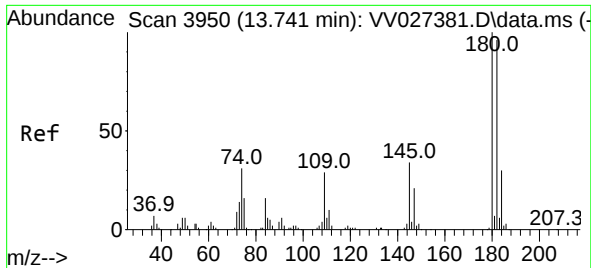


#71
Naphthalene
Concen: 0.350 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV027394.D
Acq: 15 Aug 2022 18:02



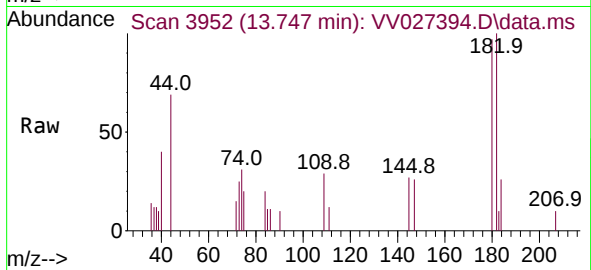
Tgt Ion:128 Resp: 6737
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 8.6 10.6 15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.139 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV027394.D
 Acq: 15 Aug 2022 18:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1618
Ion	Ratio	Lower	Upper
180	100		
182	98.8	73.8	110.6
145	31.2	27.0	40.4

