

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082522\
 Data File : VW027518.D
 Acq On : 26 Aug 2022 01:12
 Operator : SY/MD
 Sample : N4367-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 02:03:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

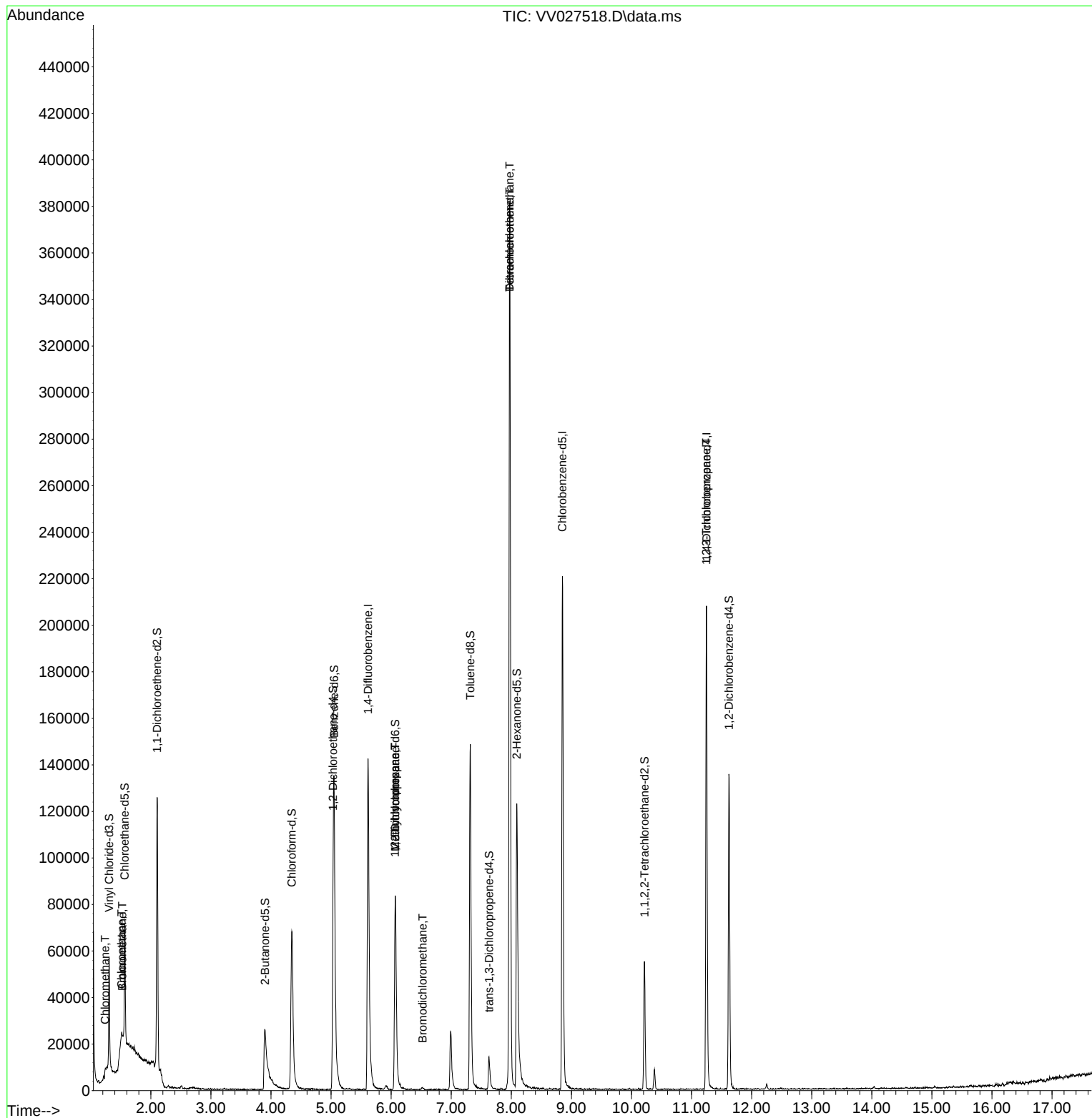
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35227	3.882	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.564	69	31636	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.104	63	61332	2.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.899	46	50507	44.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	4.346	84	74074	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	33777	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.050	84	126284	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.069	67	40846	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.317	98	102730	3.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.628	79	9229	2.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.800%#
46) 2-Hexanone-d5	8.091	63	43066	38.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25911	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	35024	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
3) Chloromethane	1.240	50	1513	0.128	ug/L	91
6) Bromomethane	1.523	94	696	0.118	ug/L	81
8) Chloroethane	1.513	64	27576	3.967	ug/L #	49
35) Methylcyclohexane	6.069	83	10522	0.688	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	5089	0.462	ug/L #	85
38) Bromodichloromethane	6.522	83	846	0.061	ug/L #	91
47) Tetrachloroethene	7.972	164	84471	9.973	ug/L	97
49) Dibromochloromethane	7.972	129	77569	8.957	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6460	1.350	ug/L #	68

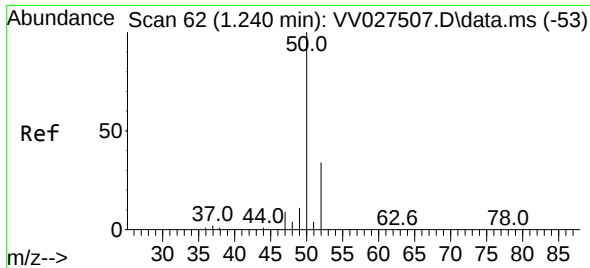
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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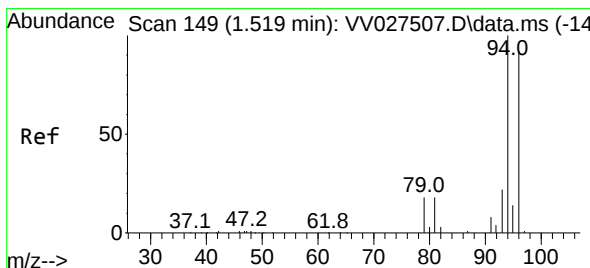
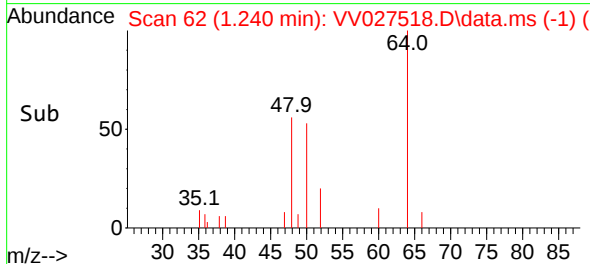
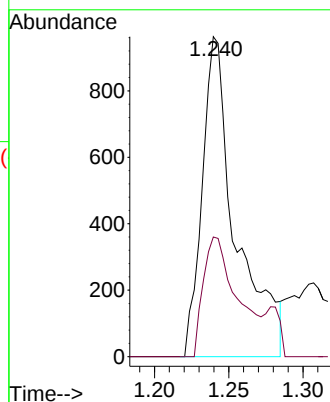
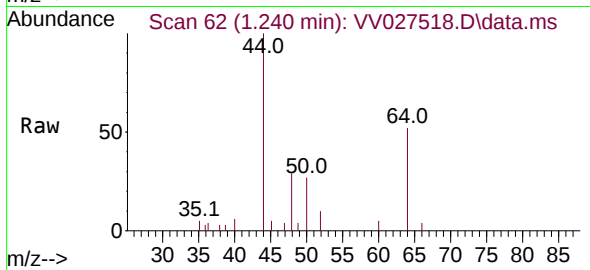




#3
Chloromethane
Concen: 0.128 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027518.D
Acq: 26 Aug 2022 01:12

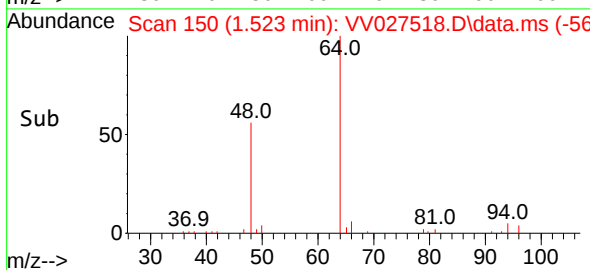
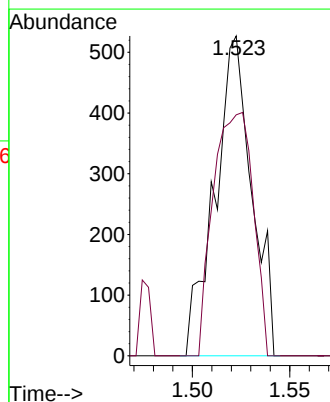
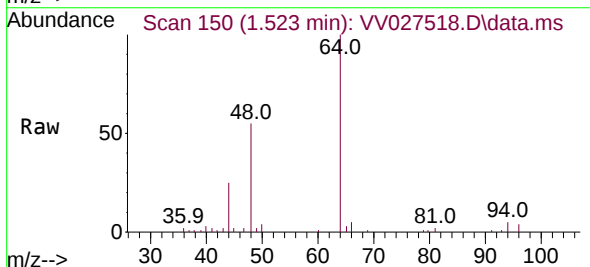
Instrument :
MSVOA_V
ClientSampleId :

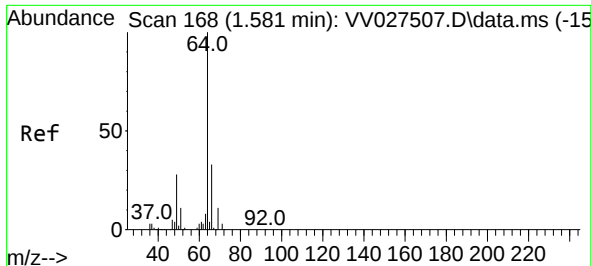
Tgt Ion: 50 Resp: 1513
Ion Ratio Lower Upper
50 100
52 37.4 22.8 42.4



#6
Bromomethane
Concen: 0.118 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027518.D
Acq: 26 Aug 2022 01:12

Tgt Ion: 94 Resp: 696
Ion Ratio Lower Upper
94 100
96 75.3 65.2 121.0

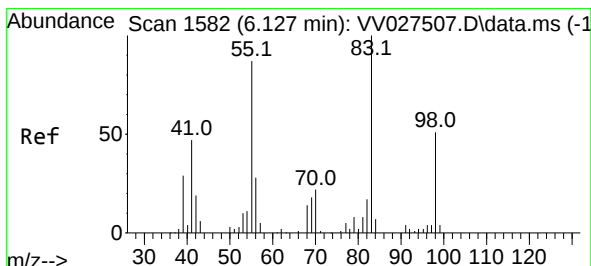
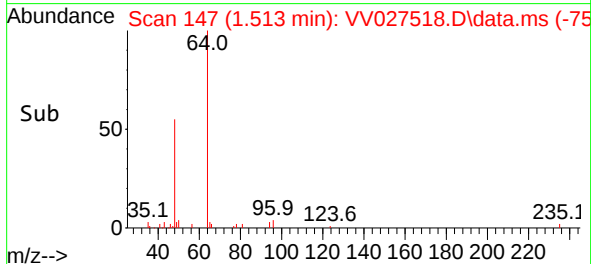
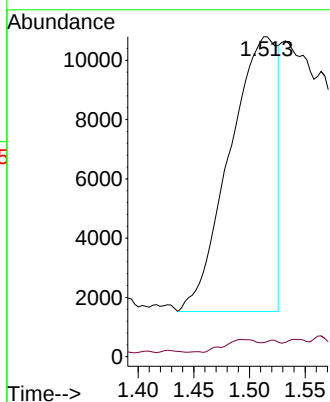
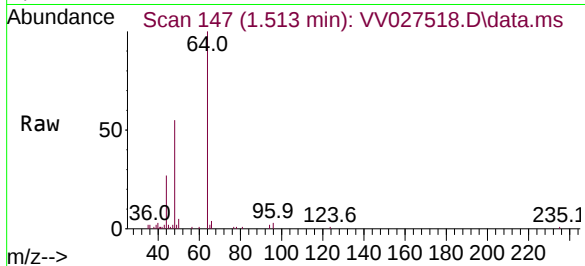




#8
Chloroethane
Concen: 3.967 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.068 min
Lab File: VV027518.D
Acq: 26 Aug 2022 01:12

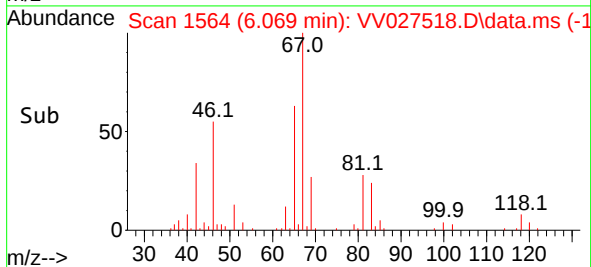
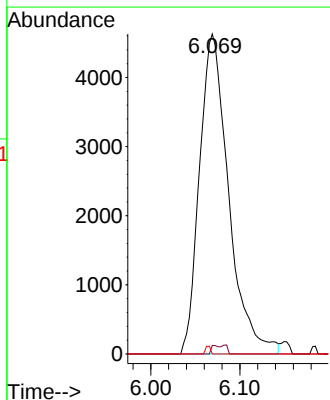
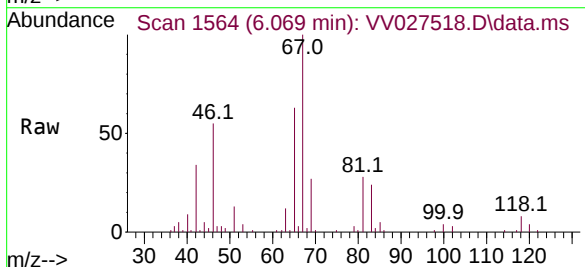
Instrument :
MSVOA_V
ClientSampleId :

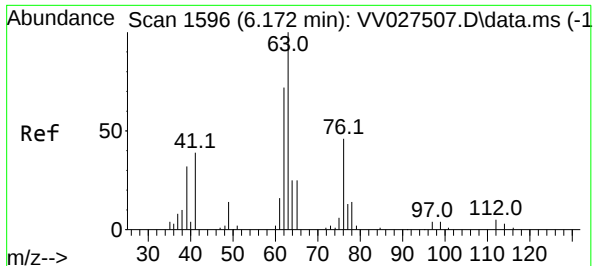
Tgt Ion: 64 Resp: 27576
Ion Ratio Lower Upper
64 100
66 4.4 23.3 43.3#



#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027518.D
Acq: 26 Aug 2022 01:12

Tgt Ion: 83 Resp: 10522
Ion Ratio Lower Upper
83 100
55 0.6 68.2 102.4#
98 0.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027518.D

Acq: 26 Aug 2022 01:12

Instrument :

MSVOA_V

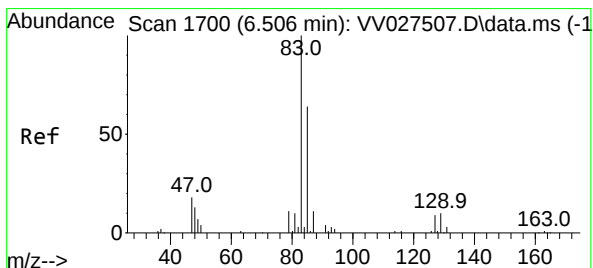
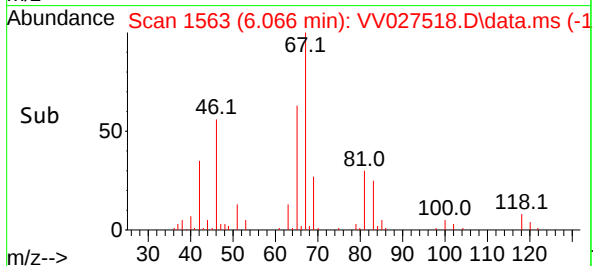
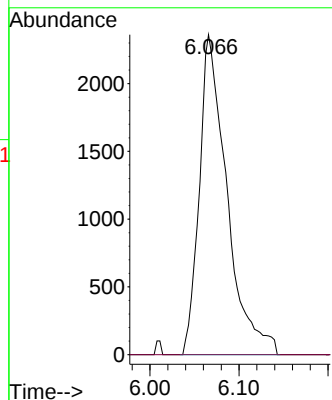
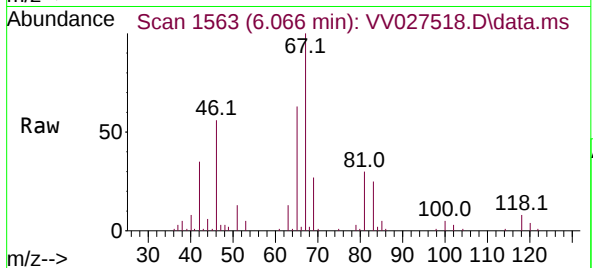
ClientSampleId :

Tgt Ion: 63 Resp: 5089

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.061 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.016 min

Lab File: VV027518.D

Acq: 26 Aug 2022 01:12

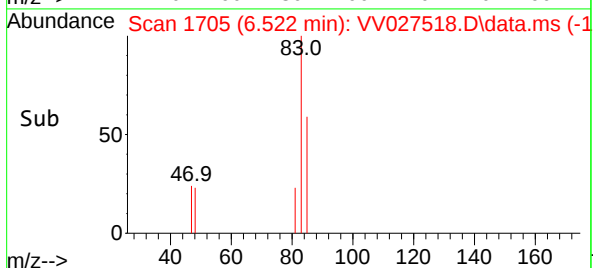
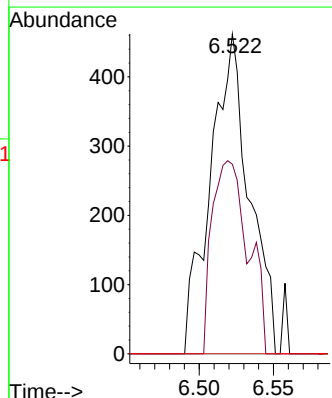
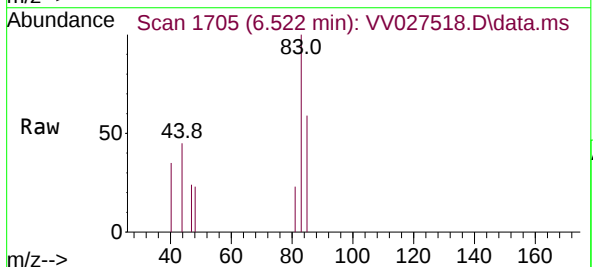
Tgt Ion: 83 Resp: 846

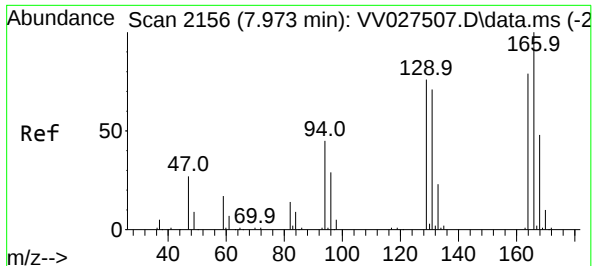
Ion Ratio Lower Upper

83 100

85 59.3 45.3 84.1

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 9.973 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

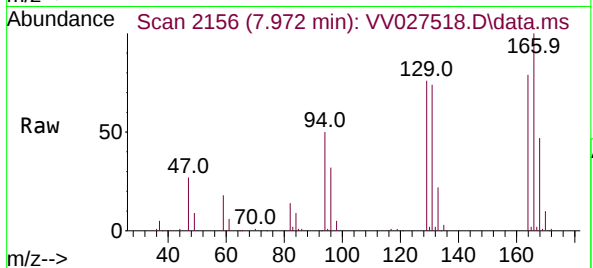
Lab File: VV027518.D

Acq: 26 Aug 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 84471

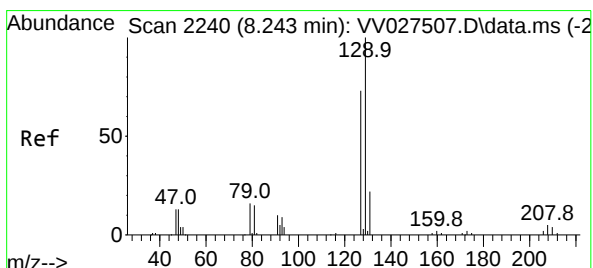
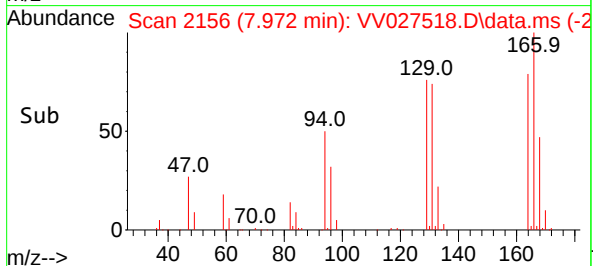
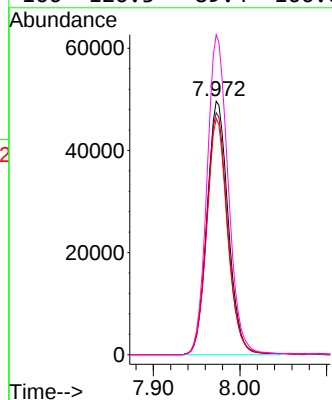
Ion Ratio Lower Upper

164 100

129 95.5 71.1 132.1

131 93.2 64.5 119.9

166 126.3 89.4 166.0



#49

Dibromochloromethane

Concen: 8.957 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027518.D

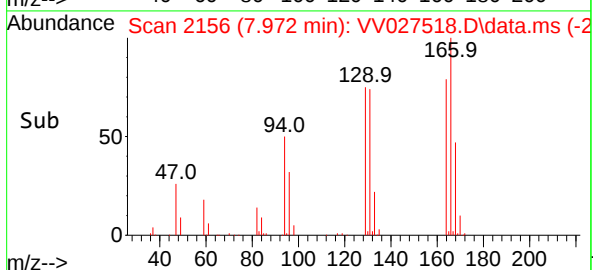
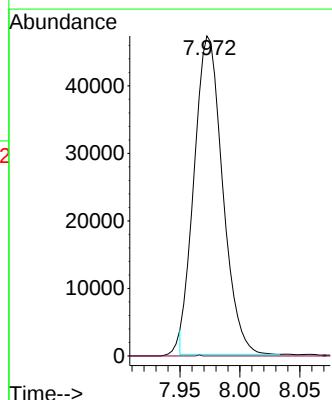
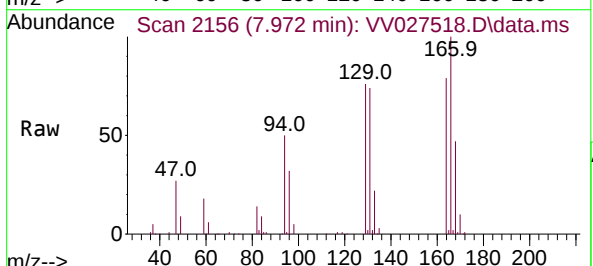
Acq: 26 Aug 2022 01:12

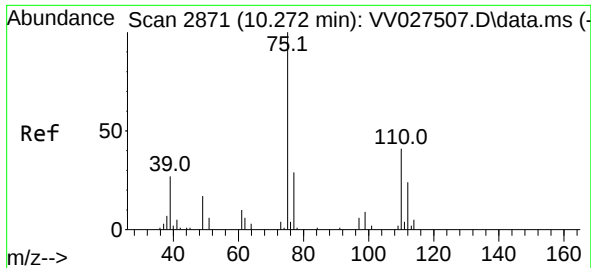
Tgt Ion:129 Resp: 77569

Ion Ratio Lower Upper

129 100

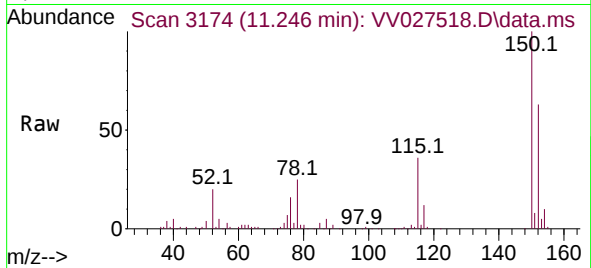
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.350 ug/L
 RT: 11.246 min Scan# 311
 Delta R.T. 0.974 min
 Lab File: VV027518.D
 Acq: 26 Aug 2022 01:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6460
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.2 39.2
 110 2.7 29.9 44.9#

