

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030466.D
 Acq On : 10 Apr 2023 14:15
 Operator : SY/MD
 Sample : 01225-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9DL

Quant Time: Apr 11 06:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

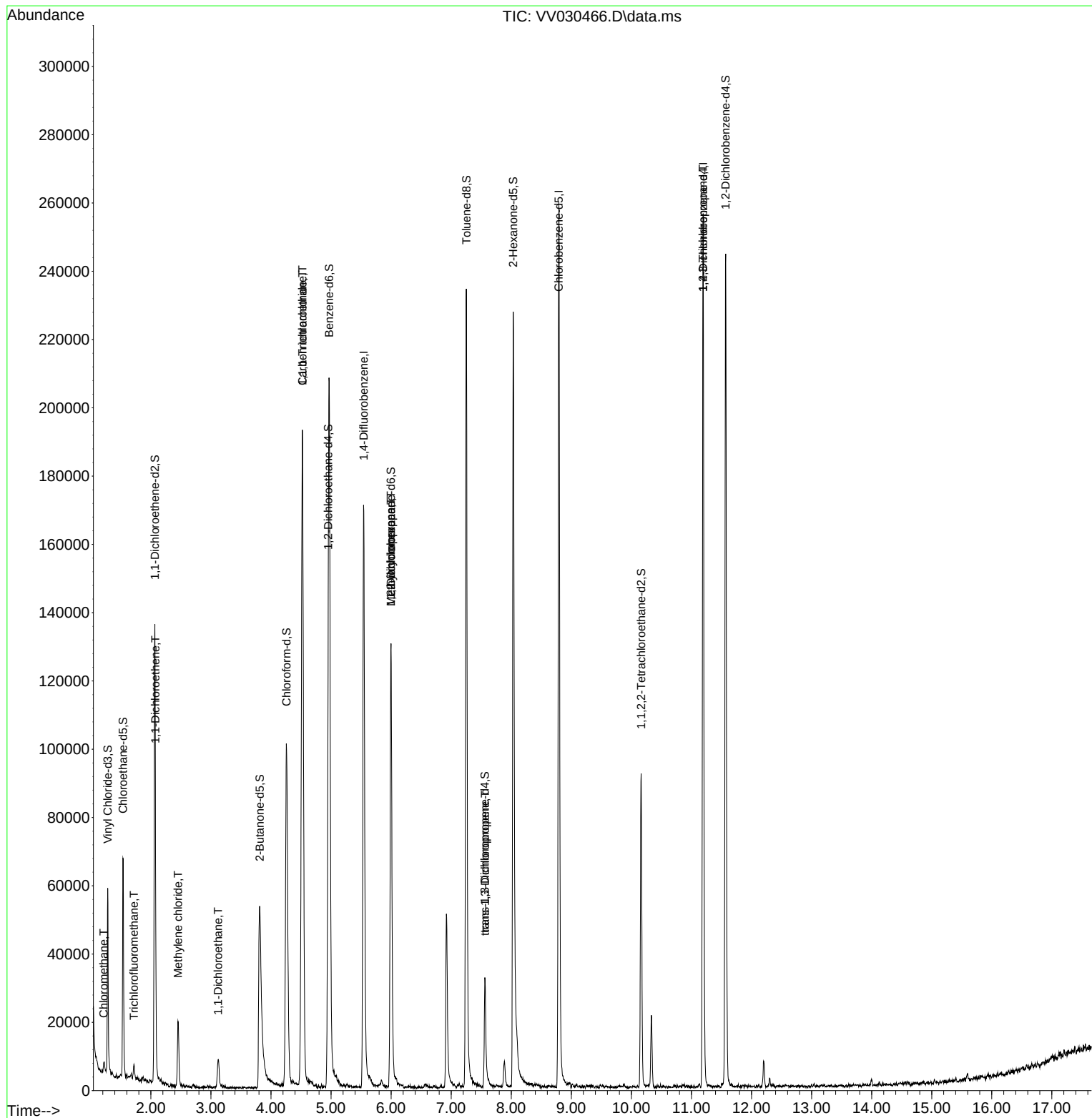
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	145796	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	144265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	34945	3.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.536	69	39595	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.066	63	68289	2.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.812	46	105374	42.220	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.440%
24) Chloroform-d	4.259	84	104902	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.953	65	52225	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	4.969	84	184769	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.998	67	59227	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.252	98	157605	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	19842	4.141	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.034	63	81591	42.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43465	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	63513	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
3) Chloromethane	1.217	50	2327	0.099	ug/L	99
9) Trichlorofluoromethane	1.719	101	2364	0.095	ug/L	96
12) 1,1-Dichloroethene	2.076	96	8025	0.659	ug/L #	1
16) Methylene chloride	2.455	84	7698	0.534	ug/L	96
19) 1,1-Dichloroethane	3.121	63	7837	0.315	ug/L #	96
29) 1,1,1-Trichloroethane	4.523	97	155100	6.689	ug/L	99
31) Carbon tetrachloride	4.523	117	19914	0.947	ug/L	98
35) Methylcyclohexane	5.995	83	15965	0.736	ug/L #	16
37) 1,2-Dichloropropane	5.995	63	7338	0.558	ug/L #	85
44) trans-1,3-Dichloropropene	7.564	75	1424	0.090	ug/L	91
61) 1,2,3-Trichloropropane	11.191	75	7485	1.198	ug/L #	67

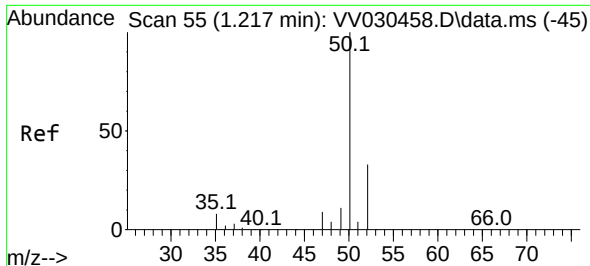
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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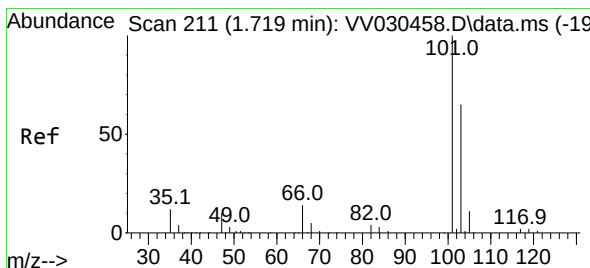
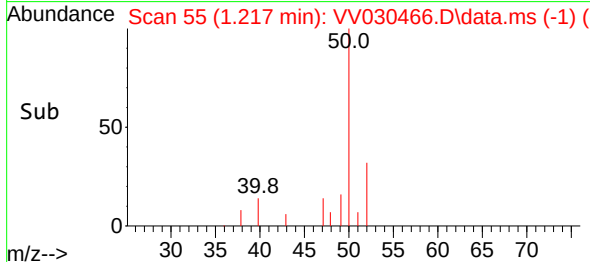
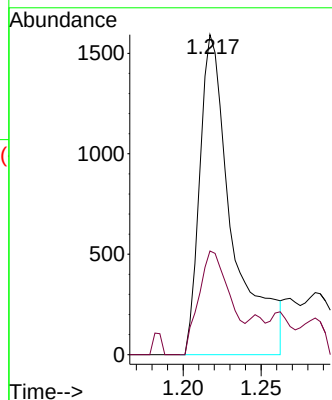
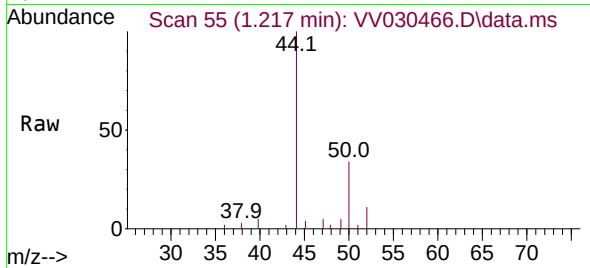




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

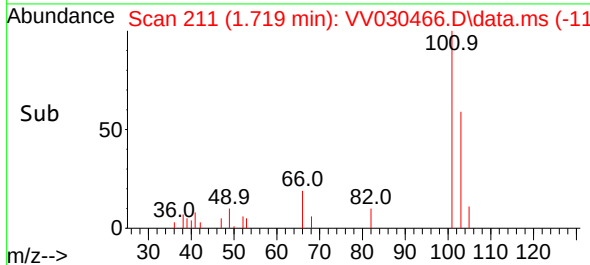
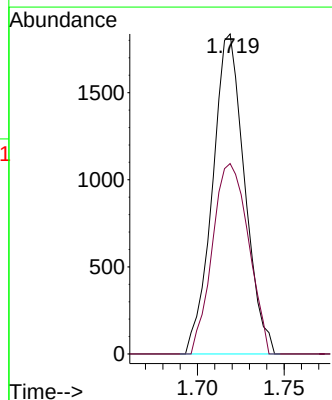
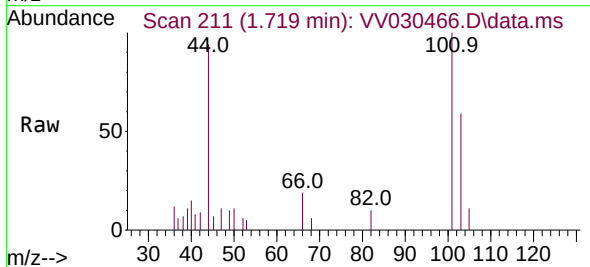
Instrument :
MSVOA_V
ClientSampleId :
C0AA9DL

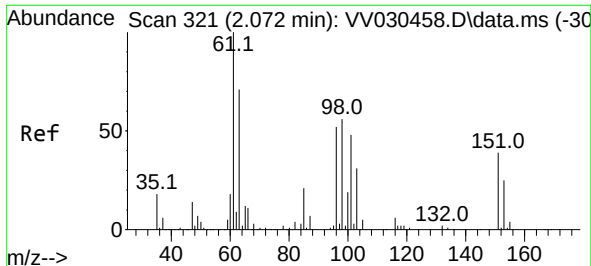
Tgt Ion: 50 Resp: 2327
Ion Ratio Lower Upper
50 100
52 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.095 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

Tgt Ion: 101 Resp: 2364
Ion Ratio Lower Upper
101 100
103 67.0 51.0 76.6

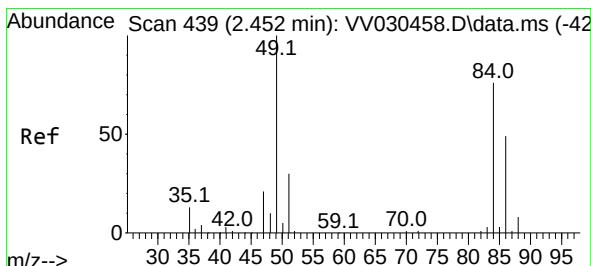
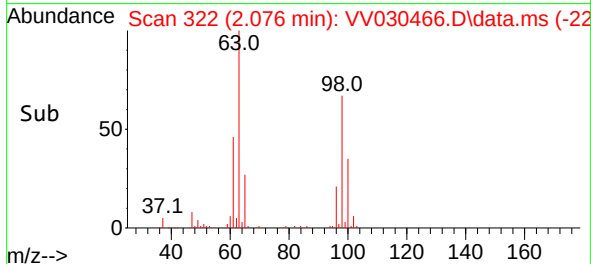
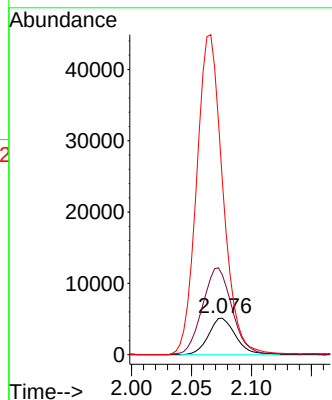
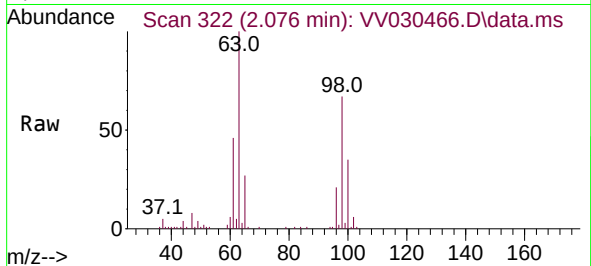




#12
1,1-Dichloroethene
Concen: 0.659 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

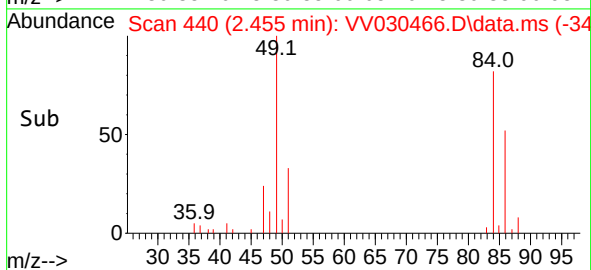
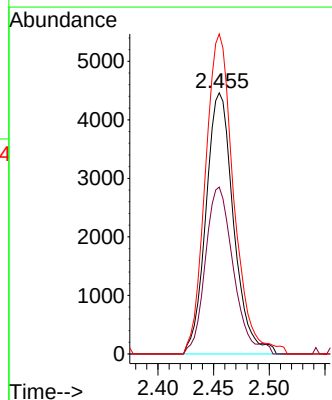
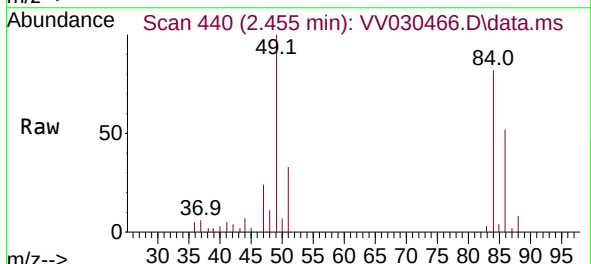
Instrument :
MSVOA_V
ClientSampleId :
C0AA9DL

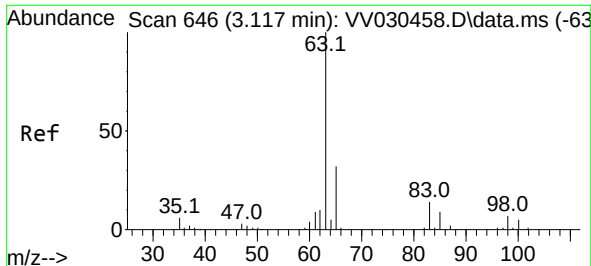
Tgt Ion: 96 Resp: 8025
Ion Ratio Lower Upper
96 100
61 218.9 136.3 253.1
63 478.8 92.1 171.1#



#16
Methylene chloride
Concen: 0.534 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

Tgt Ion: 84 Resp: 7698
Ion Ratio Lower Upper
84 100
86 63.9 44.0 81.6
49 122.6 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.315 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030466.D

Acq: 10 Apr 2023 14:15

Instrument :

MSVOA_V

ClientSampleId :

C0AA9DL

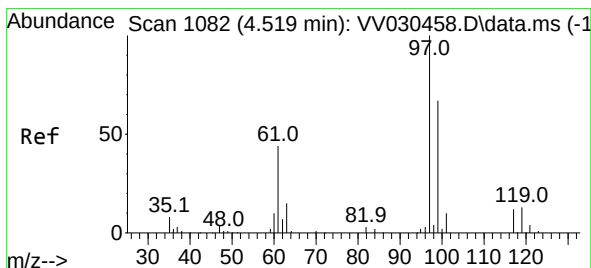
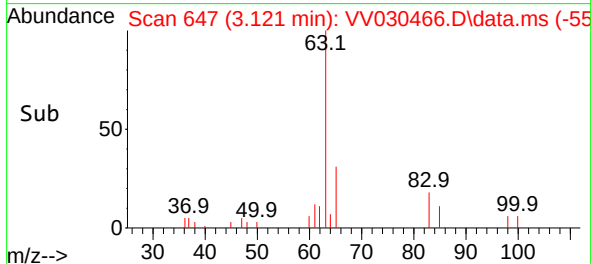
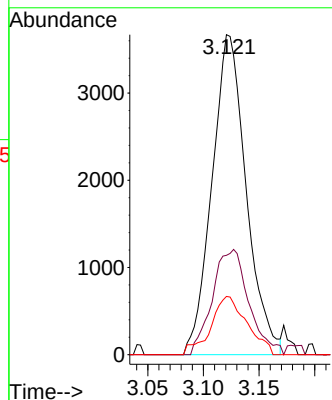
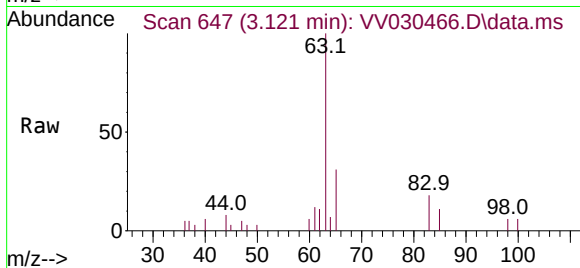
Tgt Ion: 63 Resp: 7837

Ion Ratio Lower Upper

63 100

65 31.0 21.7 40.3

83 18.2 9.1 16.9#



#29

1,1,1-Trichloroethane

Concen: 6.689 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030466.D

Acq: 10 Apr 2023 14:15

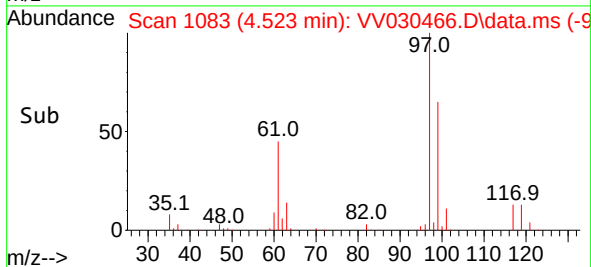
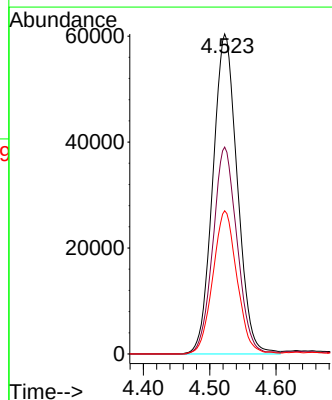
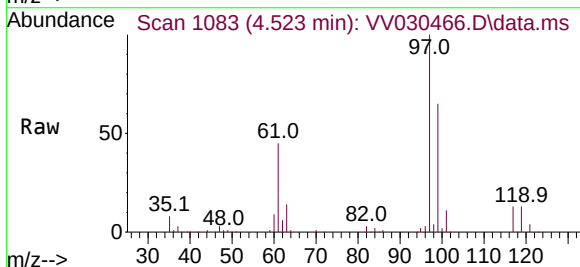
Tgt Ion: 97 Resp: 155100

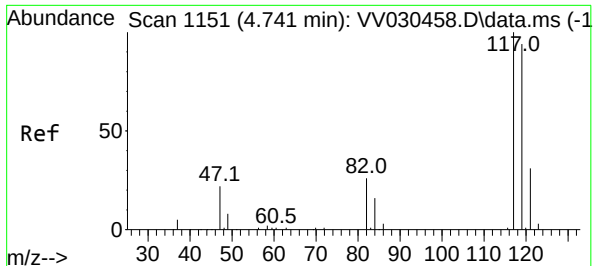
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.1 35.9 53.9

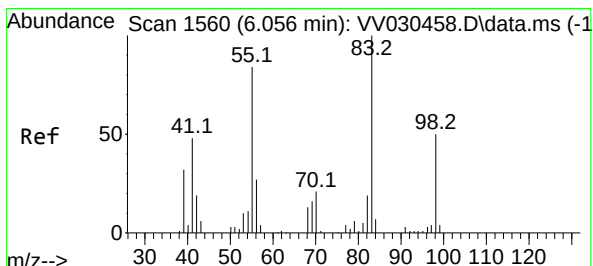
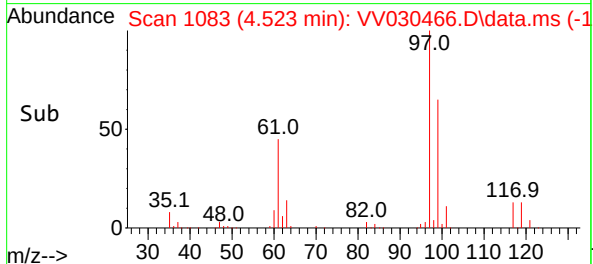
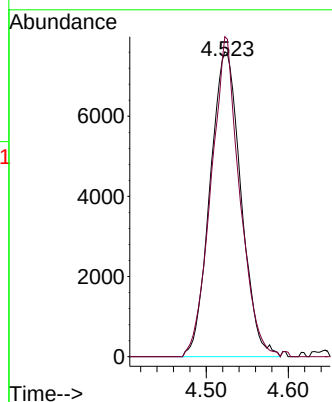
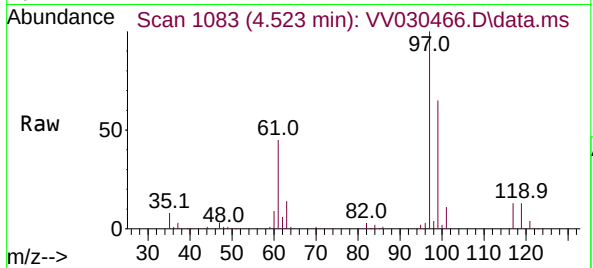




#31
Carbon tetrachloride
Concen: 0.947 ug/L
RT: 4.523 min Scan# 1151
Delta R.T. -0.219 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

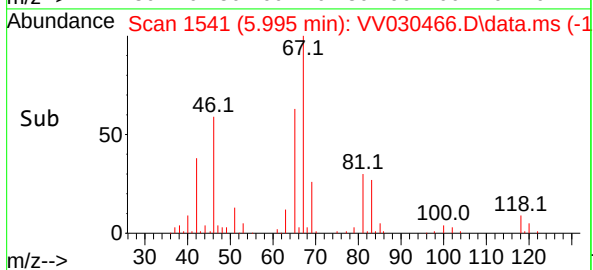
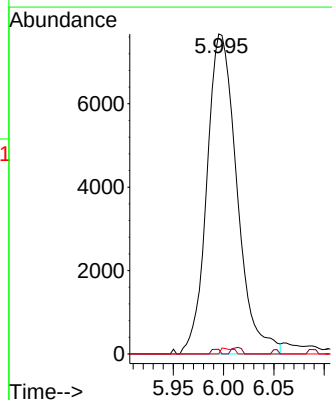
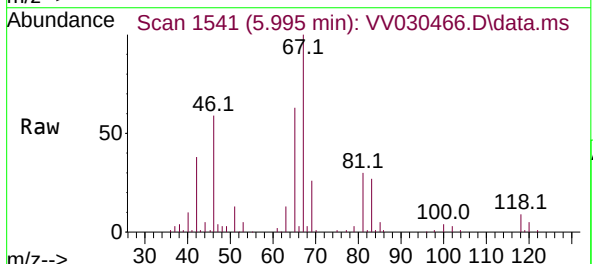
Instrument :
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C0AA9DL

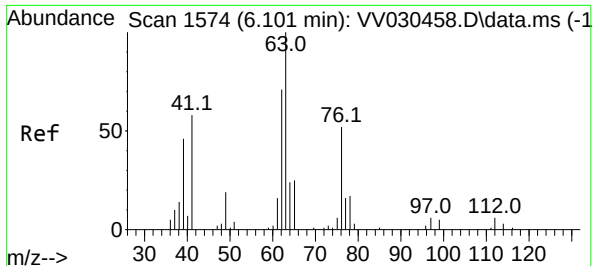
Tgt Ion: 117 Resp: 19914
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV030466.D
Acq: 10 Apr 2023 14:15

Tgt Ion: 83 Resp: 15965
Ion Ratio Lower Upper
83 100
55 0.4 66.6 100.0#
98 0.7 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030466.D

Acq: 10 Apr 2023 14:15

Instrument :

MSVOA_V

ClientSampleId :

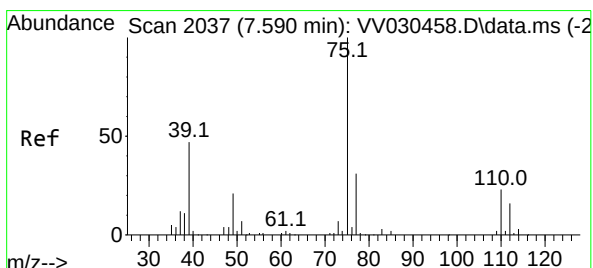
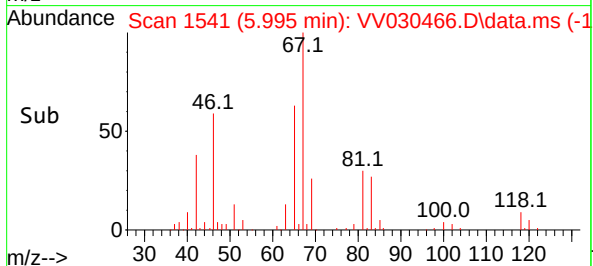
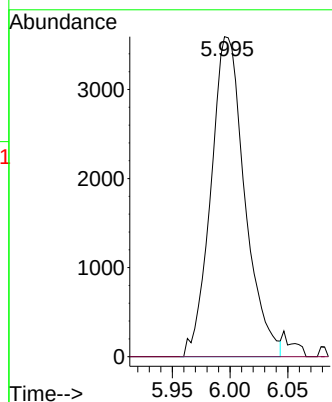
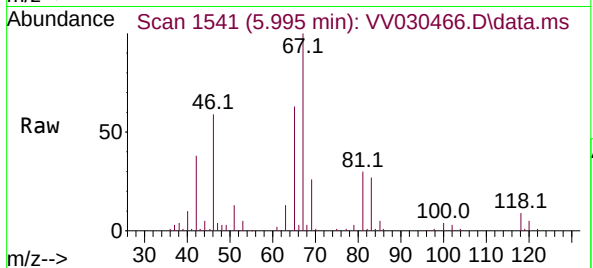
C0AA9DL

Tgt Ion: 63 Resp: 7338

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.026 min

Lab File: VV030466.D

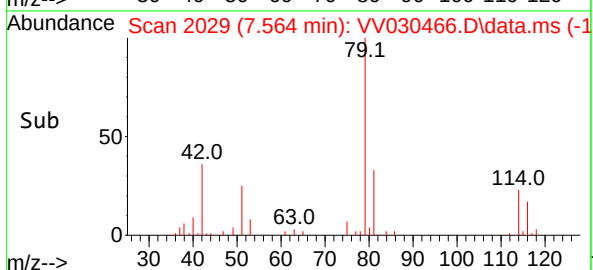
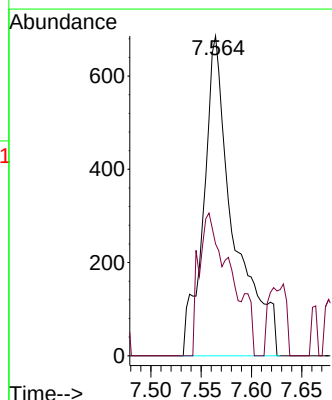
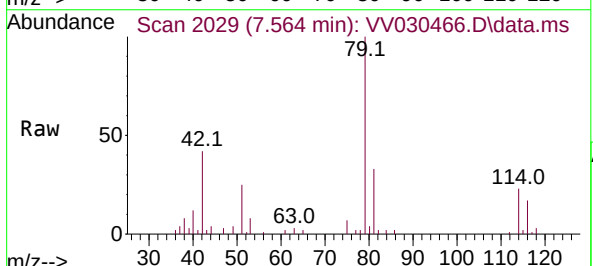
Acq: 10 Apr 2023 14:15

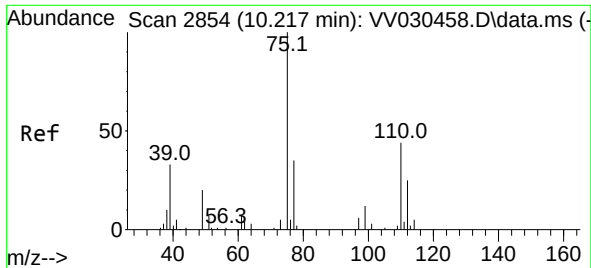
Tgt Ion: 75 Resp: 1424

Ion Ratio Lower Upper

75 100

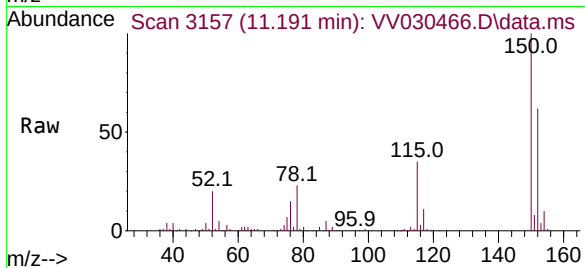
77 35.0 21.2 39.4





#61
 1,2,3-Trichloropropane
 Concen: 1.198 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030466.D
 Acq: 10 Apr 2023 14:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9DL



Tgt Ion: 75	Resp:	7485
Ion	Ratio	Lower Upper
75	100	
77	32.7	26.0 39.0
110	2.8	31.6 47.4#

