

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071222\
 Data File : VV026719.D
 Acq On : 12 Jul 2022 12:06
 Operator : SY/MD
 Sample : N3601-11 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB8

Quant Time: Jul 13 03:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

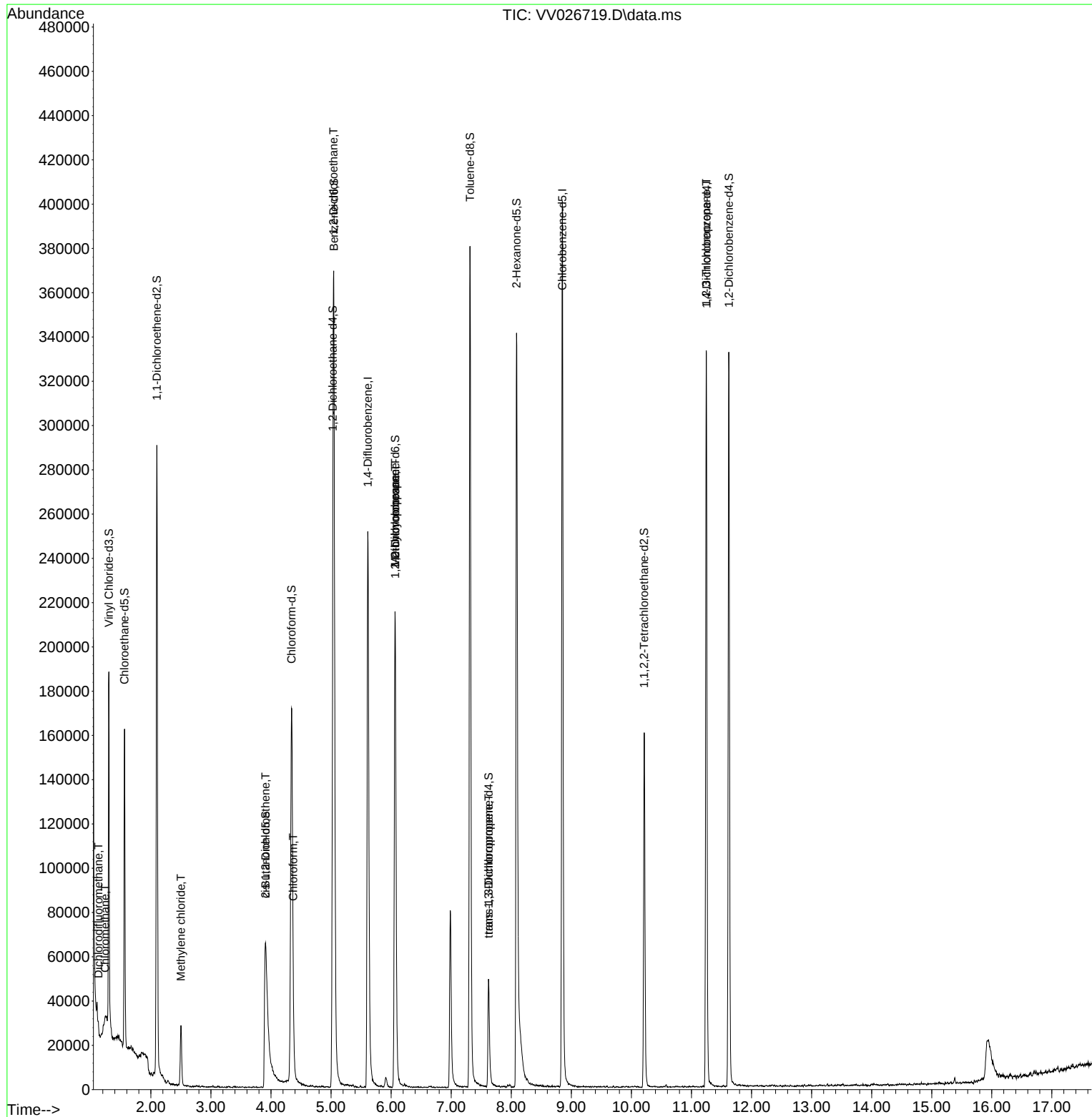
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	222307	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	102435	5.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.561	69	93071	5.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.098	63	149765	3.847	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.908	46	141959	44.849	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.700%	
24) Chloroform-d	4.342	84	181319	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.031	65	85344	5.509	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.047	84	338030	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.066	67	106910	5.225	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.313	98	258862	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.622	79	30324	4.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.088	63	134627	46.449	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.900%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78656	4.935	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	84227	5.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	1605	0.057	ug/L	93
3) Chloromethane	1.236	50	1276	0.047	ug/L #	69
16) Methylene chloride	2.500	84	11512	0.496	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	1054	0.058	ug/L	84
25) Chloroform	4.368	83	2780	0.081	ug/L #	67
27) 1,2-Dichloroethane	5.040	62	2161	0.117	ug/L #	78
35) Methylcyclohexane	6.066	83	26047	0.925	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	12201	0.680	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1521	0.083	ug/L #	76
61) 1,2,3-Trichloropropane	11.246	75	10420	1.304	ug/L #	65

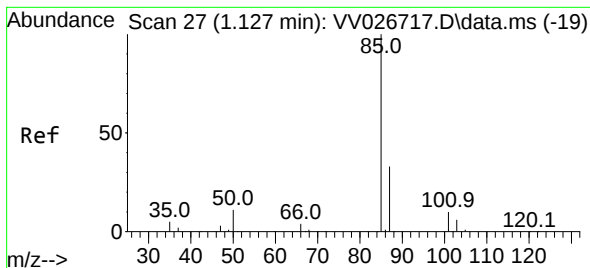
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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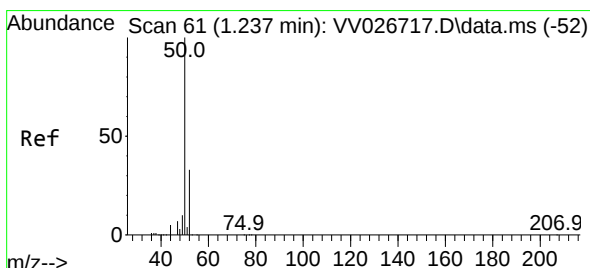
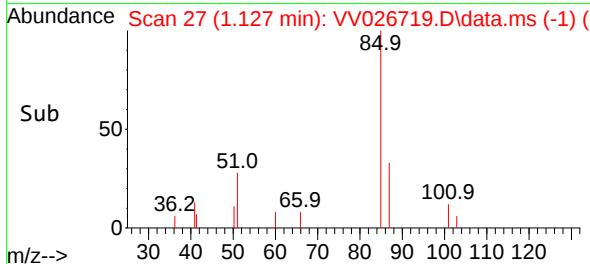
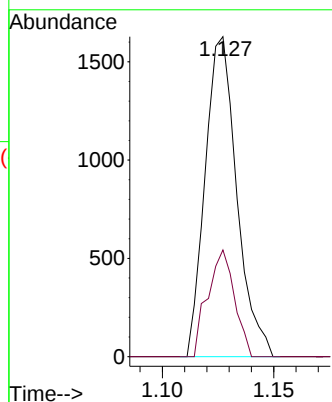
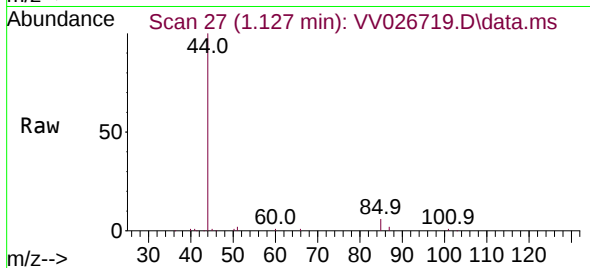




#2
 Dichlorodifluoromethane
 Concen: 0.057 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026719.D
 Acq: 12 Jul 2022 12:06

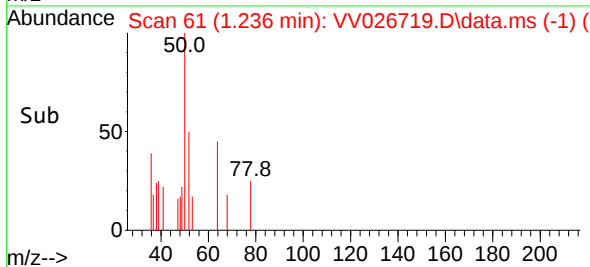
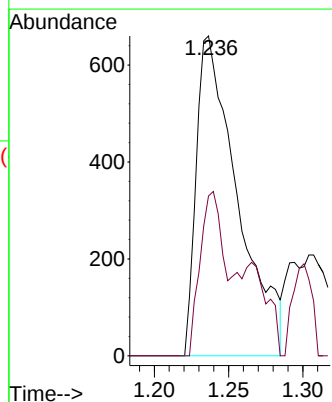
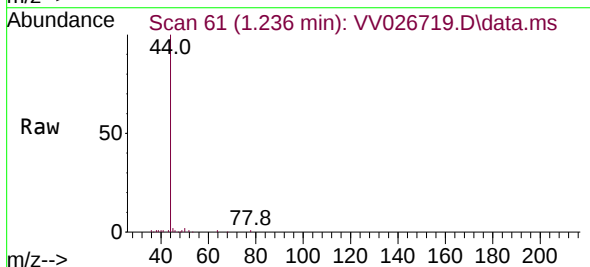
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB8

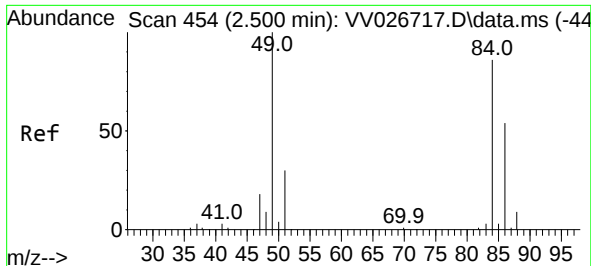
Tgt Ion: 85 Resp: 1605
 Ion Ratio Lower Upper
 85 100
 87 28.2 25.8 38.8



#3
 Chloromethane
 Concen: 0.047 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026719.D
 Acq: 12 Jul 2022 12:06

Tgt Ion: 50 Resp: 1276
 Ion Ratio Lower Upper
 50 100
 52 50.0 22.8 42.4#

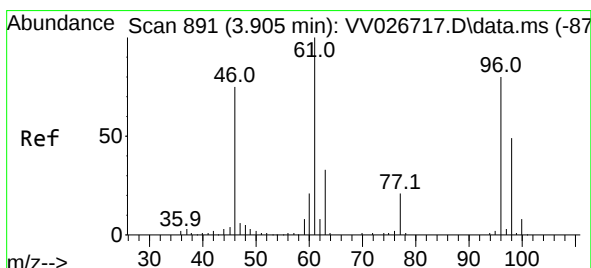
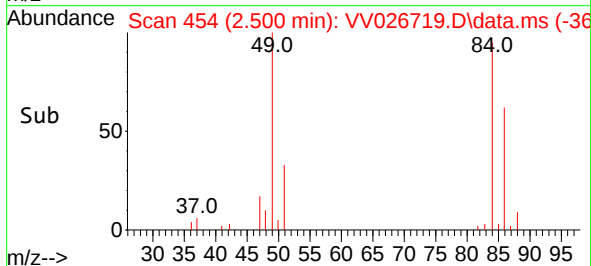
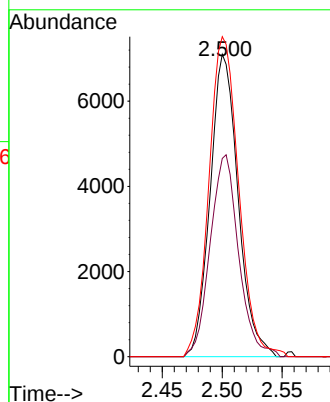
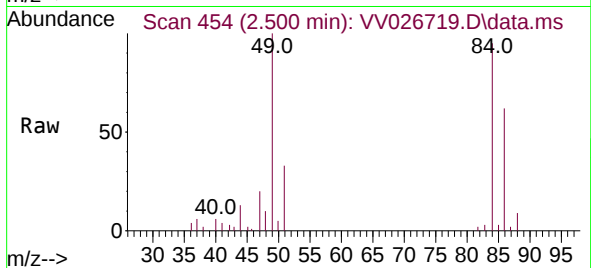




#16
Methylene chloride
Concen: 0.496 ug/L
RT: 2.500 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

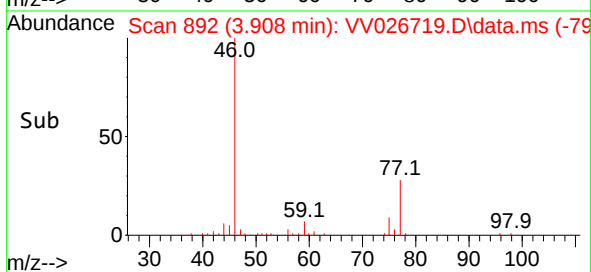
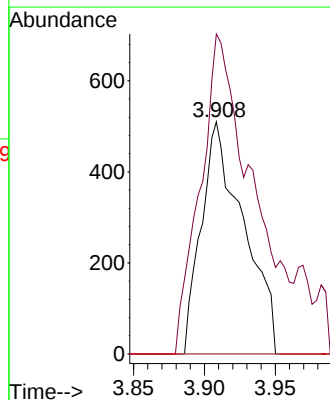
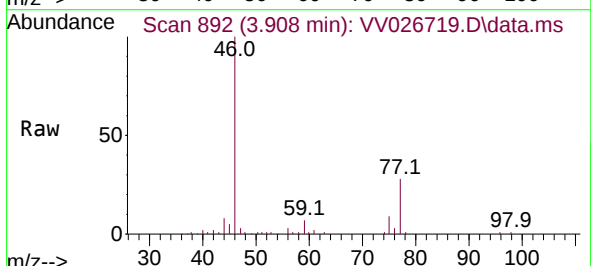
Instrument :
MSVOA_V
ClientSampleId :
DBUB8

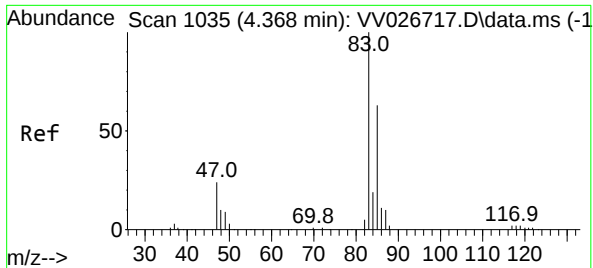
Tgt Ion: 84 Resp: 11512
Ion Ratio Lower Upper
84 100
86 65.5 44.8 83.2
49 105.8 78.7 146.1



#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

Tgt Ion: 96 Resp: 1054
Ion Ratio Lower Upper
96 100
61 137.8 83.9 155.9
68 0.0 0.0 0.0

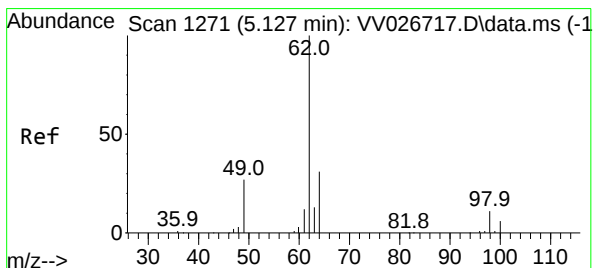
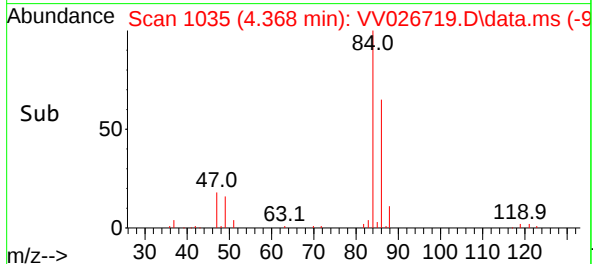
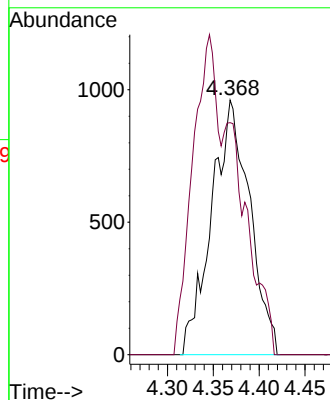
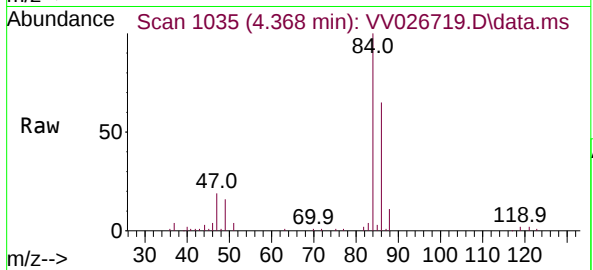




#25
Chloroform
Concen: 0.081 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

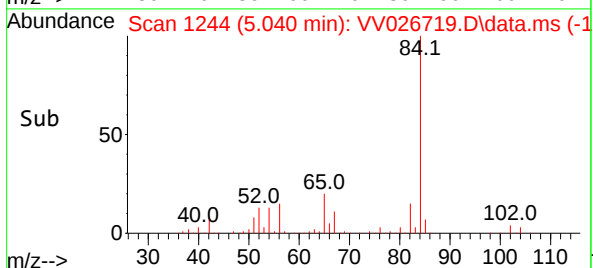
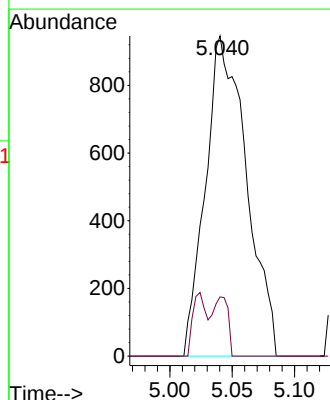
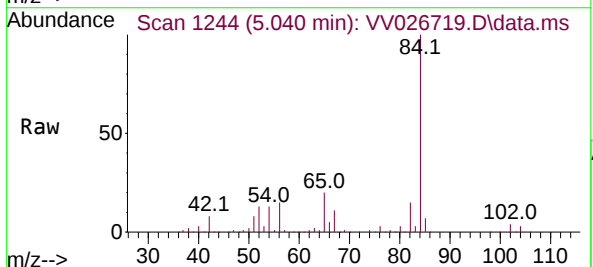
Instrument :
MSVOA_V
ClientSampleId :
DBUB8

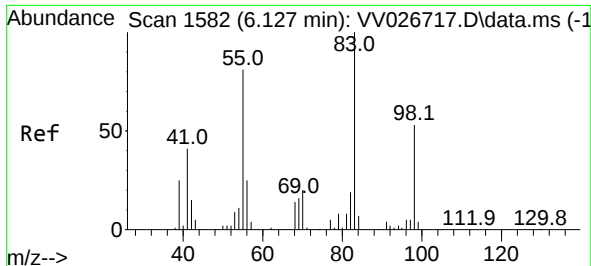
Tgt Ion: 83 Resp: 2780
Ion Ratio Lower Upper
83 100
85 91.2 45.7 84.9#



#27
1,2-Dichloroethane
Concen: 0.117 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.087 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

Tgt Ion: 62 Resp: 2161
Ion Ratio Lower Upper
62 100
98 18.5 8.3 12.5#





#35

Methylcyclohexane

Concen: 0.925 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV026719.D

Acq: 12 Jul 2022 12:06

Instrument :

MSVOA_V

ClientSampleId :

DBUB8

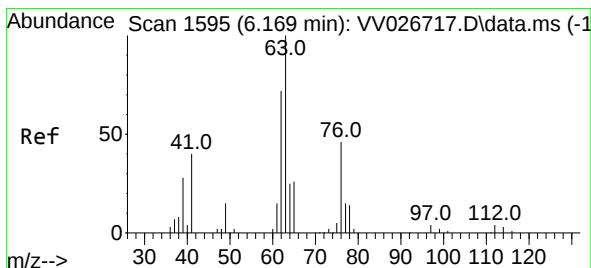
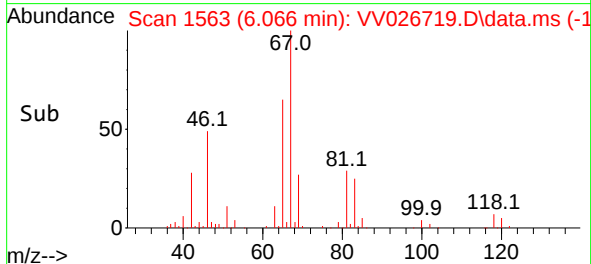
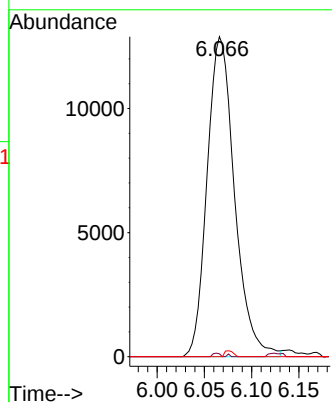
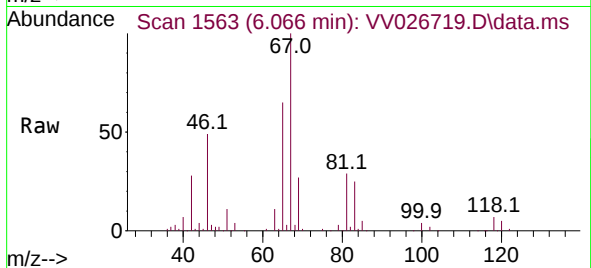
Tgt Ion: 83 Resp: 26047

Ion Ratio Lower Upper

83 100

55 0.3 59.5 89.3#

98 2.1 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV026719.D

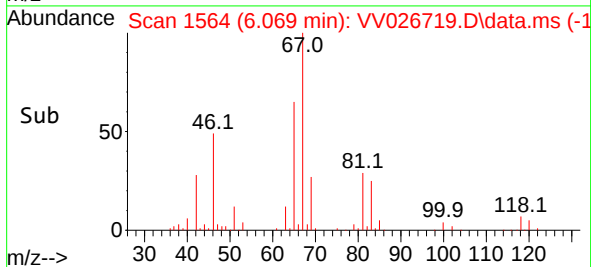
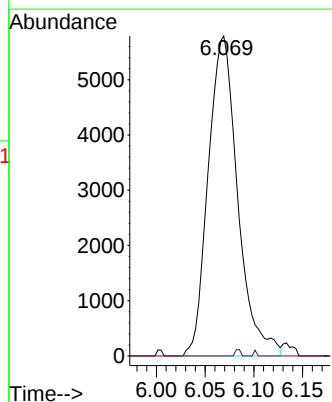
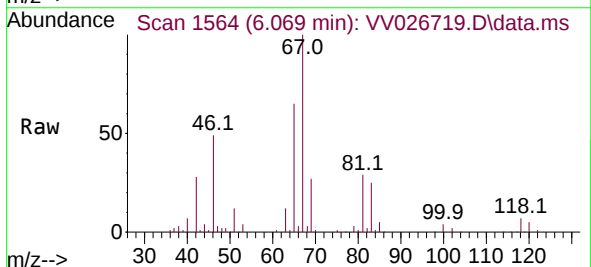
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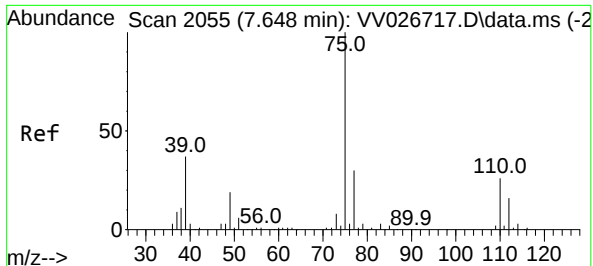
Tgt Ion: 63 Resp: 12201

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#

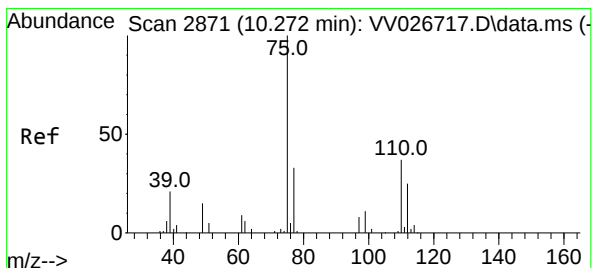
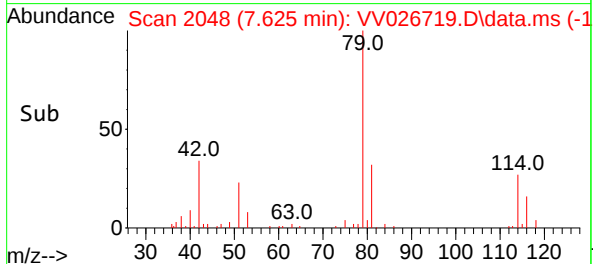
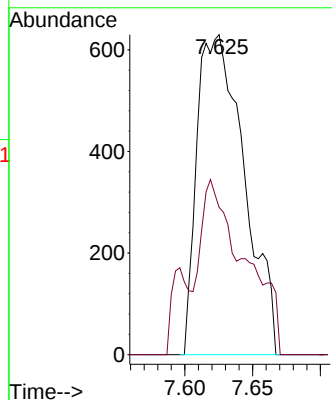
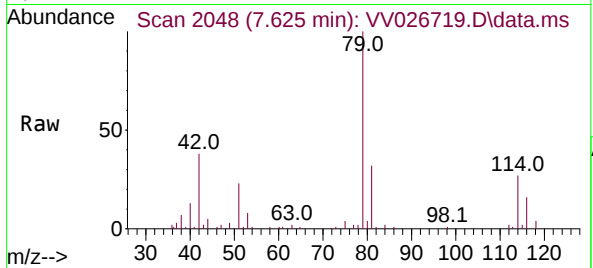




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.023 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

Instrument :
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ClientSampleId :
DBUB8

Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
77 46.0 22.7 42.3#



#61
1,2,3-Trichloropropane
Concen: 1.304 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026719.D
Acq: 12 Jul 2022 12:06

Tgt Ion: 75 Resp: 10420
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 2.3 31.8 47.6#

