

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027888.D
 Acq On : 16 Sep 2022 18:03
 Operator : SY/MD
 Sample : N4658-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

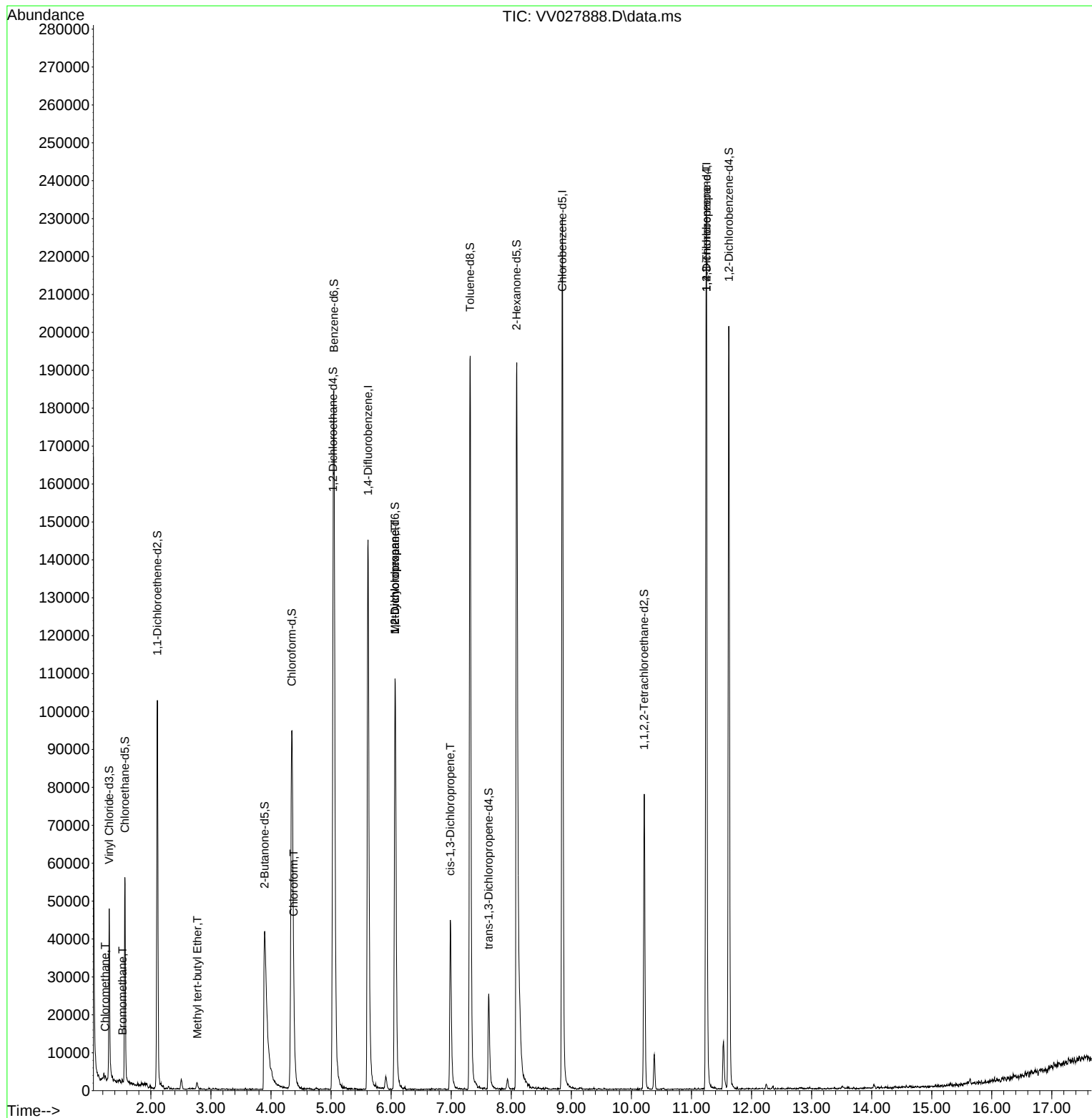
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133675	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32067	3.639	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.568	69	35968	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	52876	2.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.892	46	94542	48.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.346	84	98906	5.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.034	65	52077	5.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.047	84	168684	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.066	67	49596	4.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.317	98	137024	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	16207	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.088	63	69735	48.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35335	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	57597	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	583	0.049	ug/L	100
6) Bromomethane	1.526	94	310	0.048	ug/L #	60
17) Methyl tert-butyl Ether	2.773	73	1371	0.065	ug/L #	64
25) Chloroform	4.378	83	15191	0.780	ug/L	99
35) Methylcyclohexane	6.066	83	13747	0.797	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5949	0.558	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1262	0.094	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6176	1.143	ug/L #	62

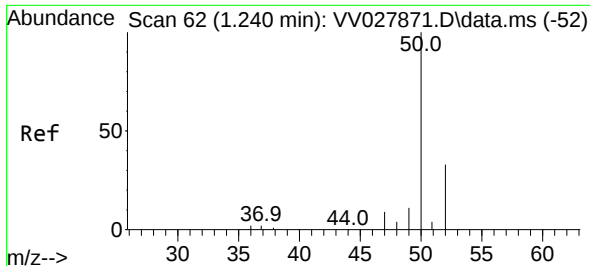
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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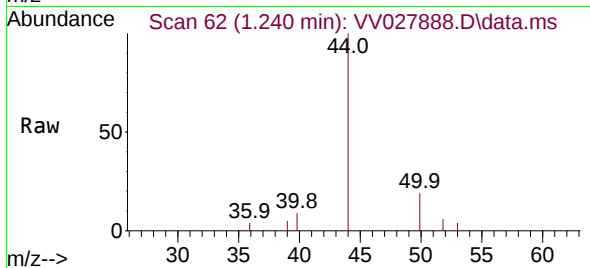
Quant Time: Sep 16 22:10:06 2022
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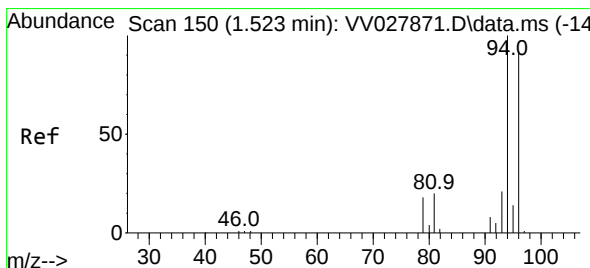
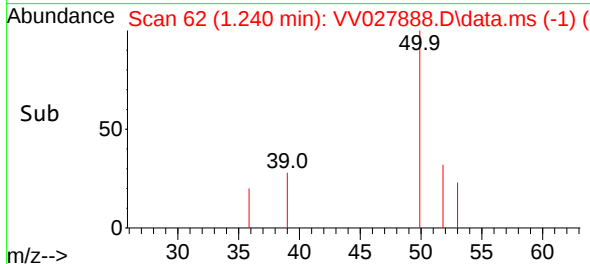
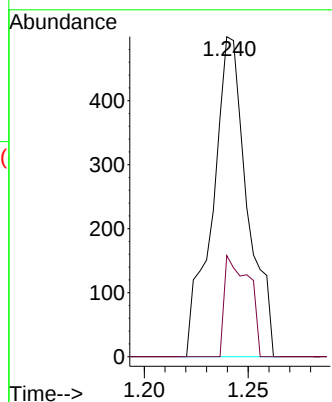


#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

Instrument :
MSVOA_V
ClientSampleId :

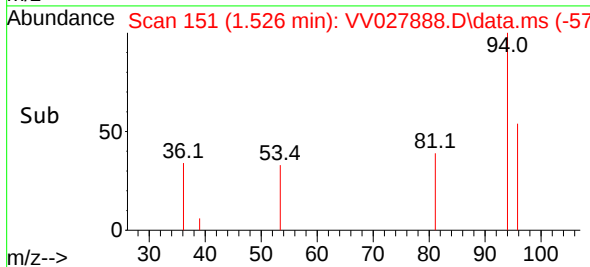
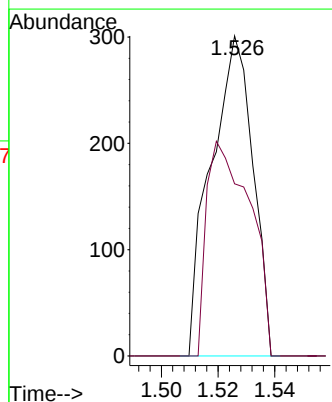
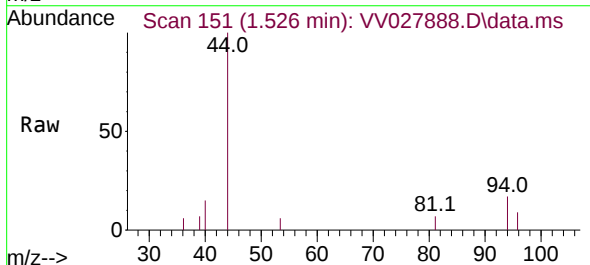


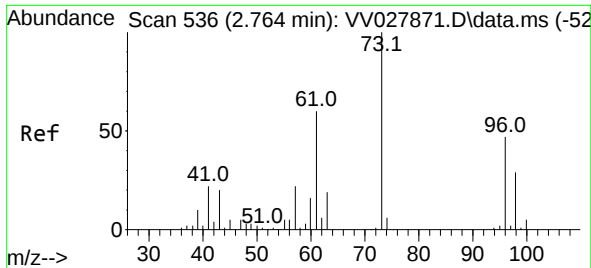
Tgt Ion: 50 Resp: 583
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1



#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 53.8 64.2 119.2#

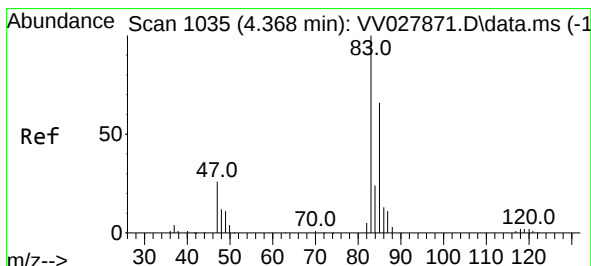
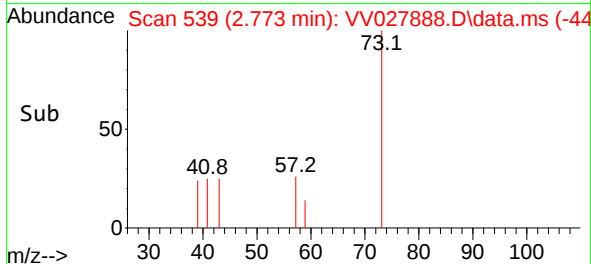
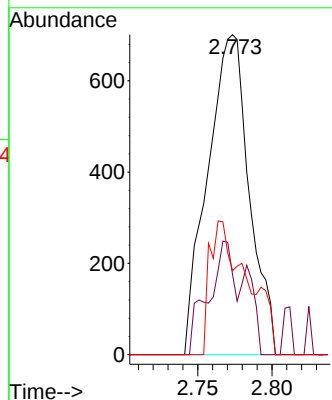
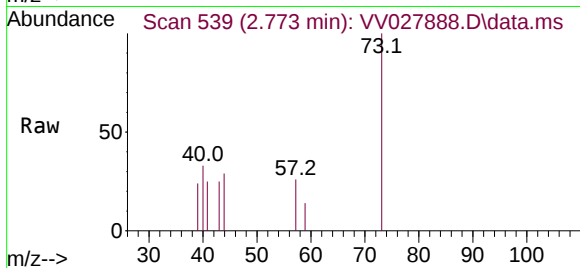




#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

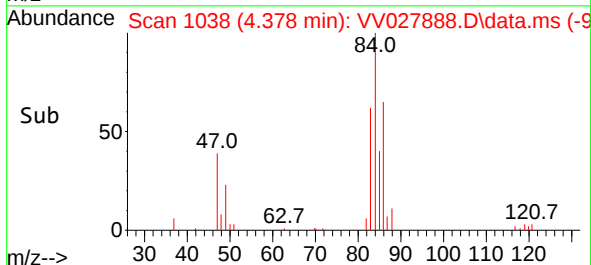
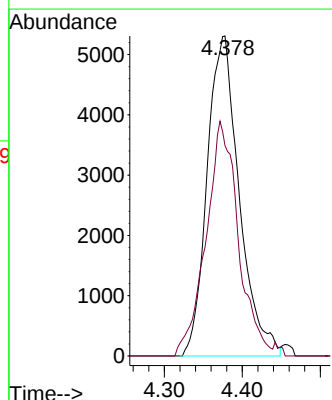
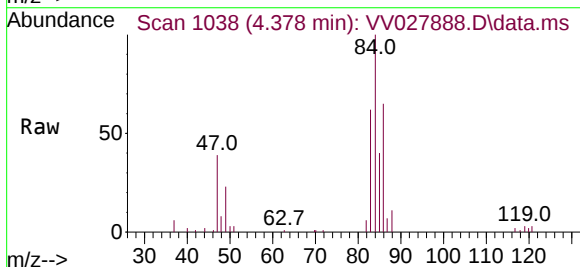
Instrument :
MSVOA_V
ClientSampleId :

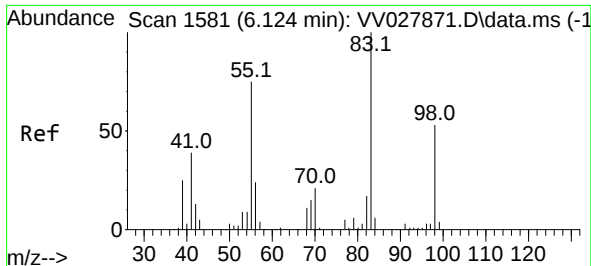
Tgt Ion: 73 Resp: 1371
Ion Ratio Lower Upper
73 100
43 8.8 17.5 26.3#
57 0.0 16.9 25.3#



#25
Chloroform
Concen: 0.780 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

Tgt Ion: 83 Resp: 15191
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2

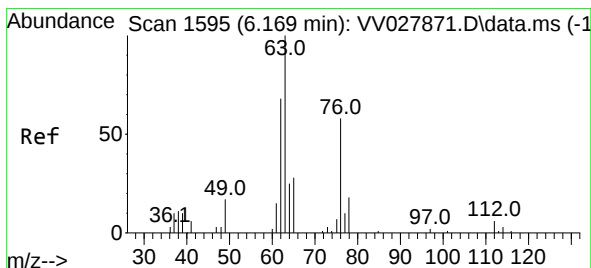
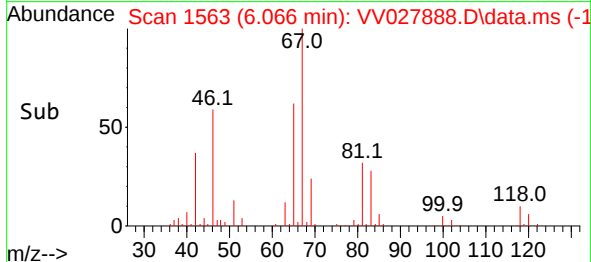
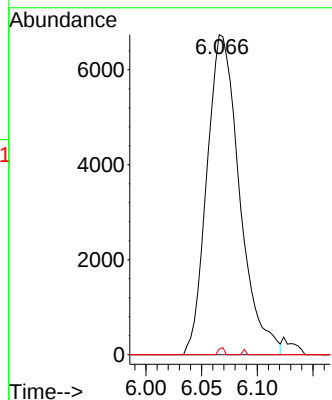
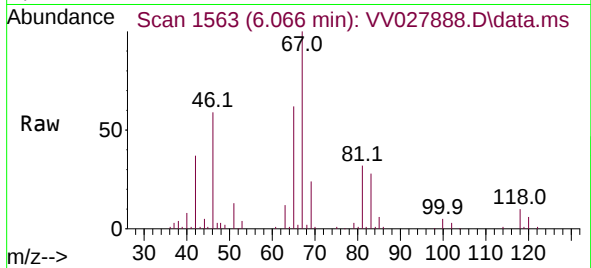




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

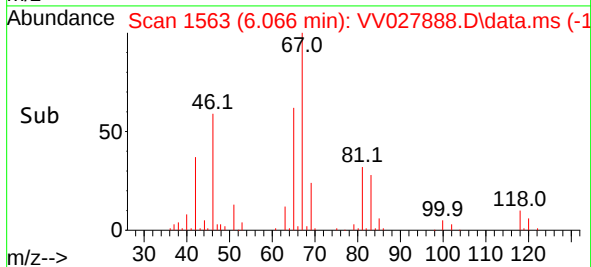
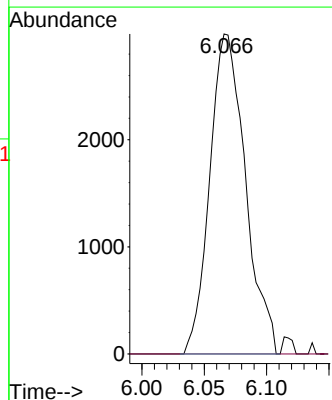
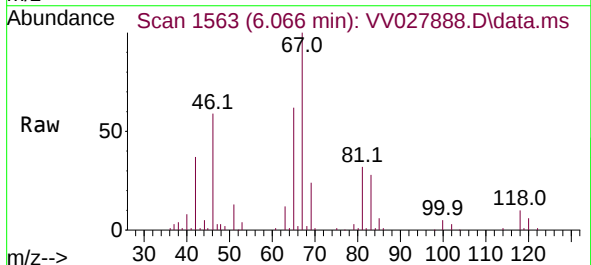
Instrument :
MSVOA_V
ClientSampleId :

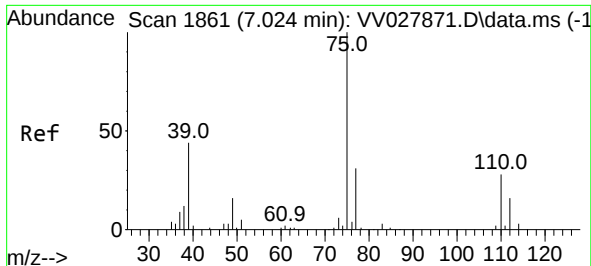
Tgt Ion: 83 Resp: 13747
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV027888.D
Acq: 16 Sep 2022 18:03

Tgt Ion: 63 Resp: 5949
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027888.D

Acq: 16 Sep 2022 18:03

Instrument :

MSVOA_V

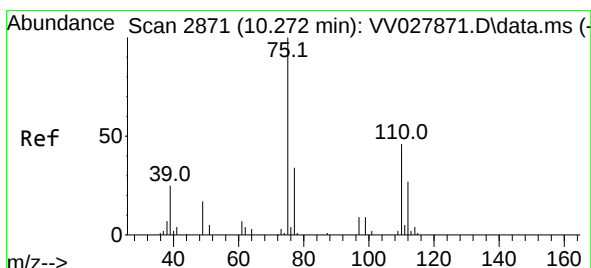
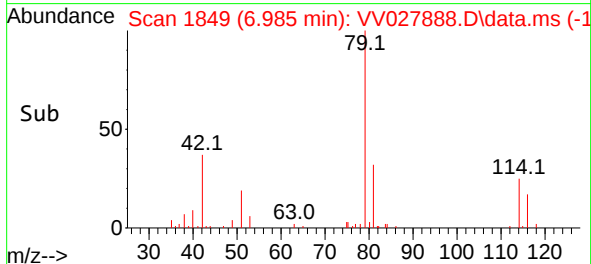
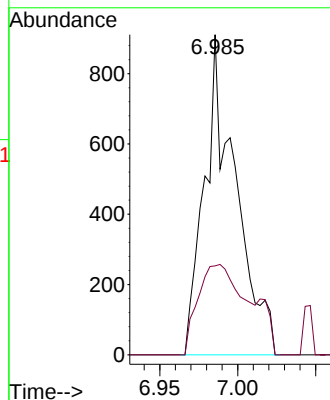
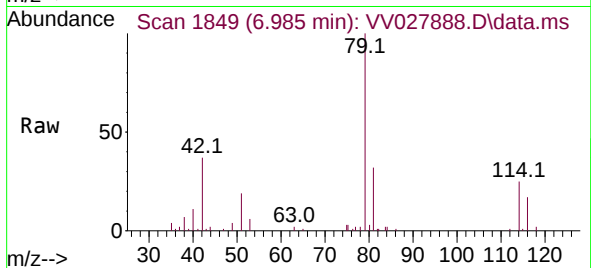
ClientSampleId :

Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 27.8 22.0 40.8



#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027888.D

Acq: 16 Sep 2022 18:03

Tgt Ion: 75 Resp: 6176

Ion Ratio Lower Upper

75 100

77 31.9 27.6 41.4

110 2.5 35.6 53.4#

