

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027643.D
 Acq On : 01 Sep 2022 02:45
 Operator : SY/MD
 Sample : N4370-08DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

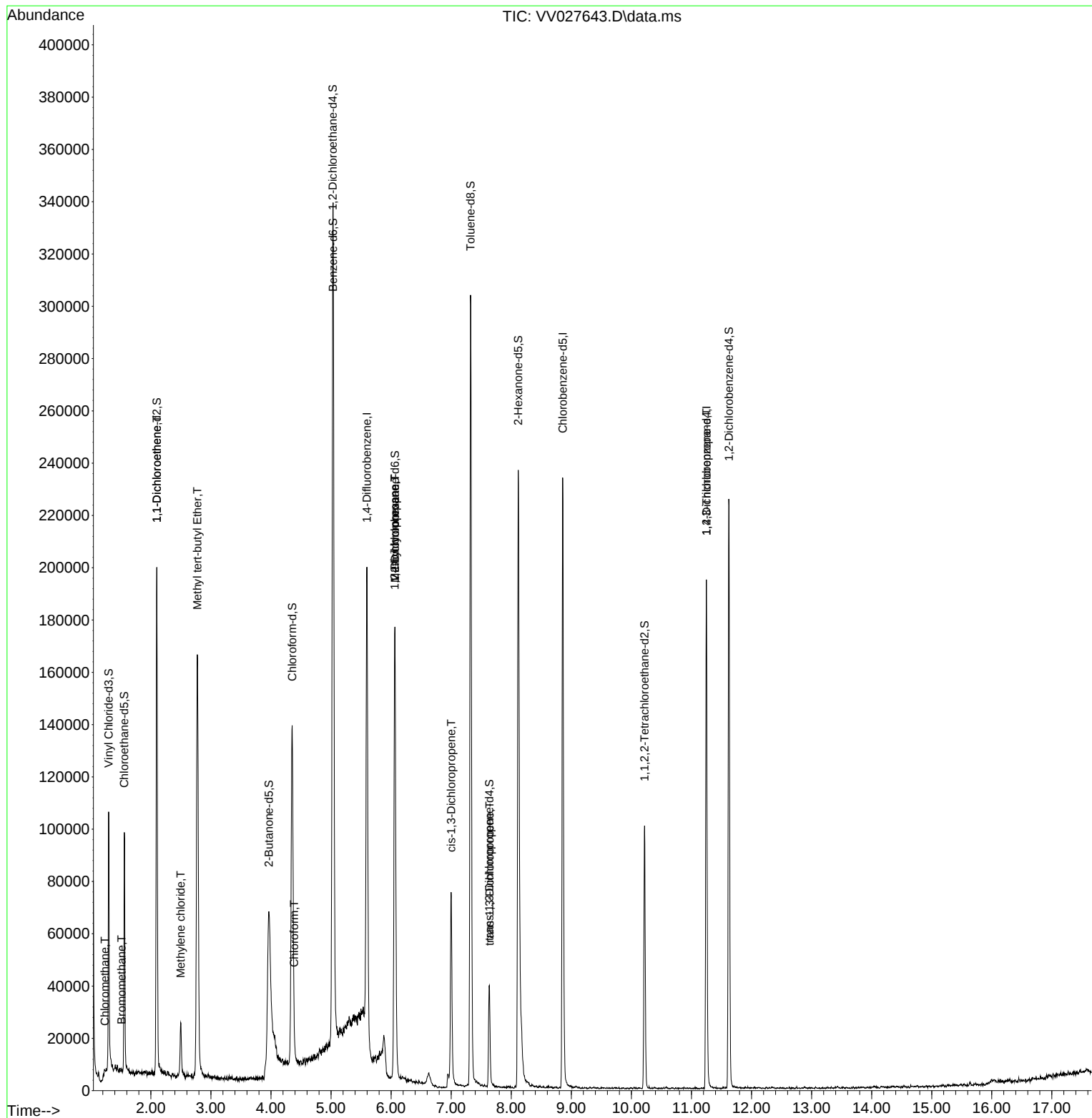
Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	146521	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.857	117	123874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	68904	4.329	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.558	69	59005	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.098	63	106038	3.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.963	46	149345	55.493	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.352	84	129974	4.067	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.027	65	72610	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.034	84	241798	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.063	67	78041	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.323	98	196927	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.635	79	21981	4.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.117	63	77959	42.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	47195	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57772	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	847	0.044	ug/L	84
6) Bromomethane	1.513	94	366	0.043	ug/L	73
12) 1,1-Dichloroethene	2.098	96	1196	0.098	ug/L #	1
16) Methylene chloride	2.497	84	7541	0.489	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	164204	6.285	ug/L	99
25) Chloroform	4.384	83	2918	0.102	ug/L	86
35) Methylcyclohexane	6.063	83	19234	1.044	ug/L #	18
37) 1,2-Dichloropropane	6.059	63	9471	0.776	ug/L #	92
39) cis-1,3-Dichloropropene	7.001	75	1949	0.131	ug/L #	1
44) trans-1,3-Dichloropropene	7.638	75	994	0.082	ug/L #	1
61) 1,2,3-Trichloropropane	11.249	75	6126	1.196	ug/L #	64

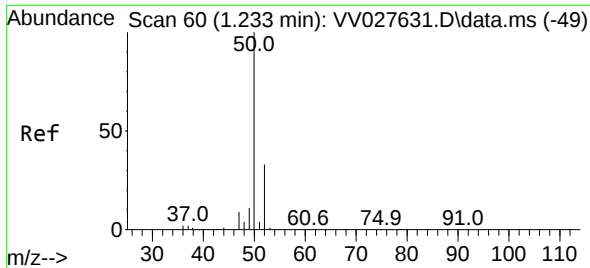
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

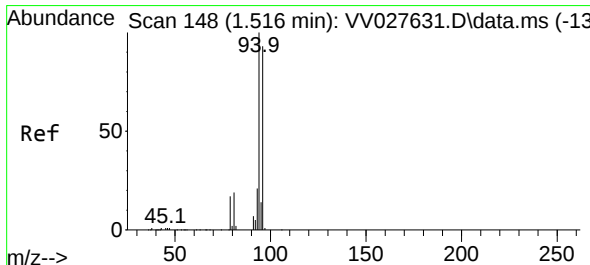
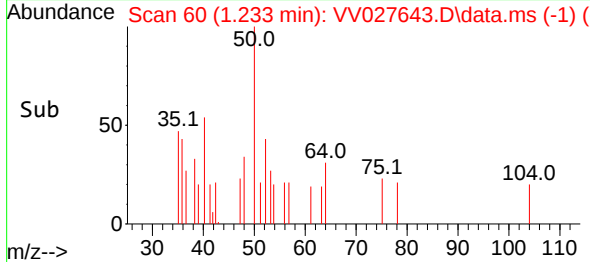
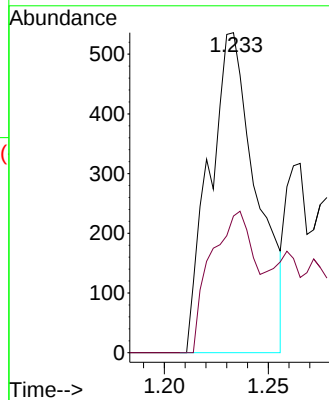
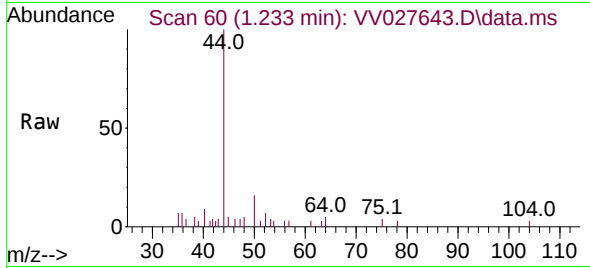




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

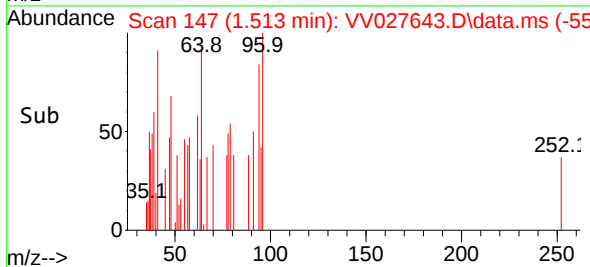
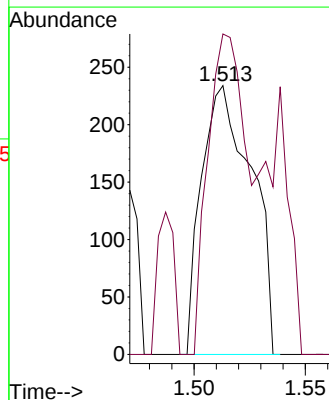
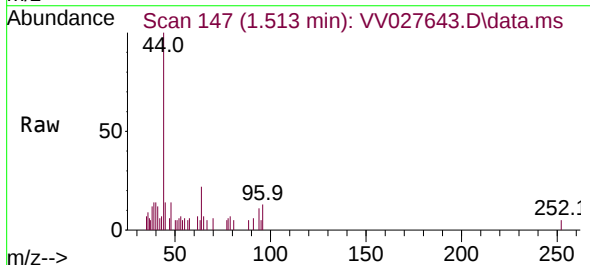
Instrument :
MSVOA_V
ClientSampleId :

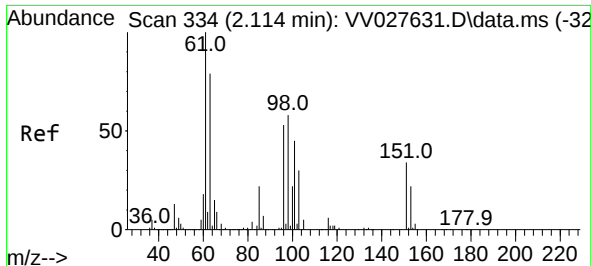
Tgt Ion: 50 Resp: 847
Ion Ratio Lower Upper
50 100
52 42.7 23.5 43.7



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.003 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 119.2 65.1 120.9





#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV027643.D

Acq: 01 Sep 2022 02:45

Instrument :

MSVOA_V

ClientSampleId :

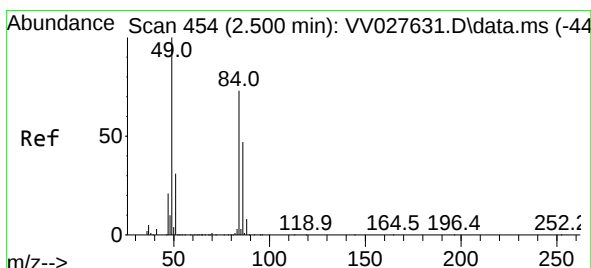
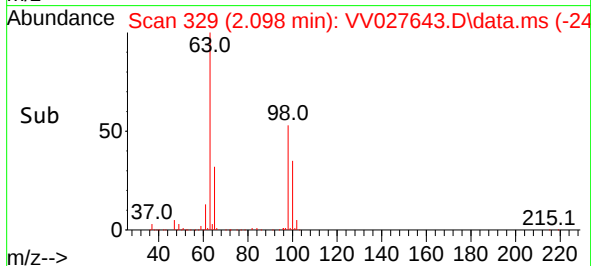
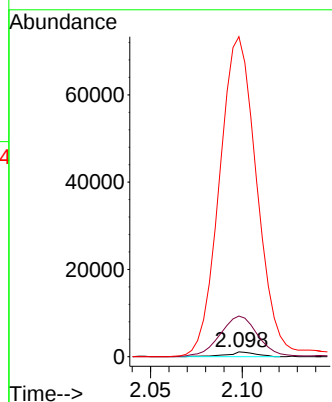
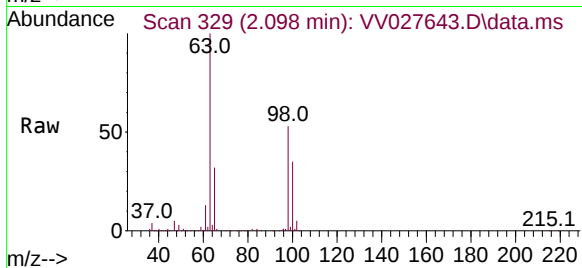
Tgt Ion: 96 Resp: 1196

Ion Ratio Lower Upper

96 100

61 853.3 134.3 249.3#

63 6721.2 105.7 196.3#



#16

Methylene chloride

Concen: 0.489 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.003 min

Lab File: VV027643.D

Acq: 01 Sep 2022 02:45

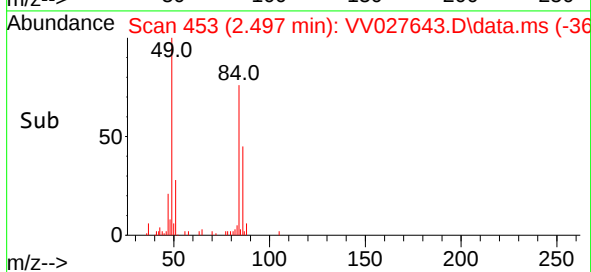
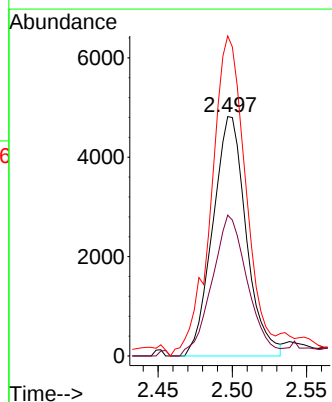
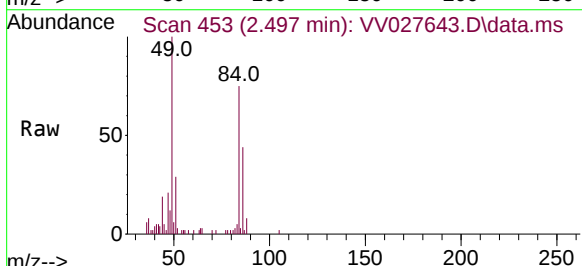
Tgt Ion: 84 Resp: 7541

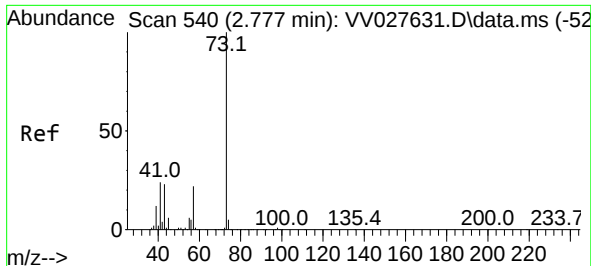
Ion Ratio Lower Upper

84 100

86 58.8 43.9 81.5

49 133.7 92.5 171.7

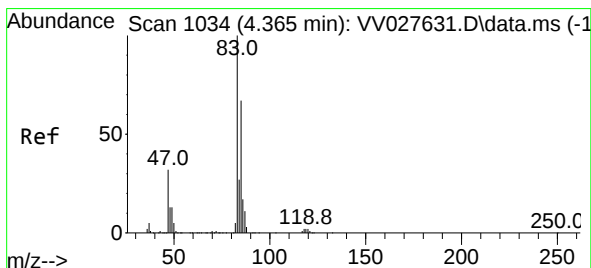
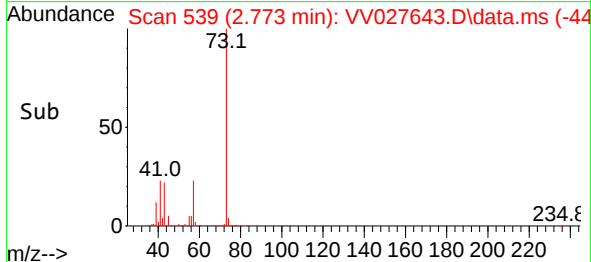
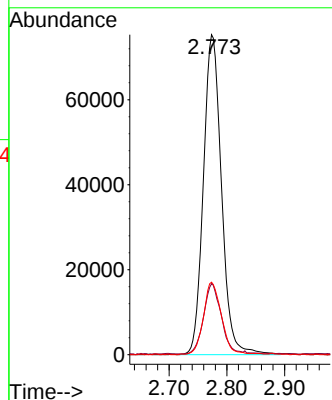
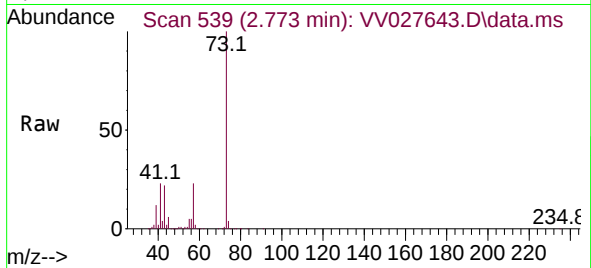




#17
Methyl tert-butyl Ether
Concen: 6.285 ug/L
RT: 2.773 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

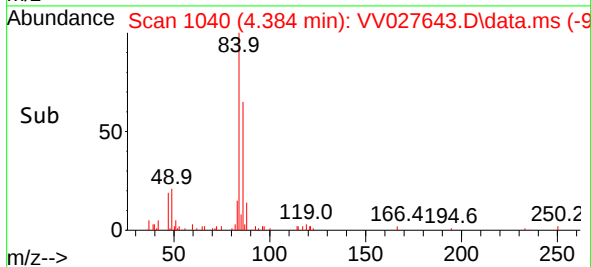
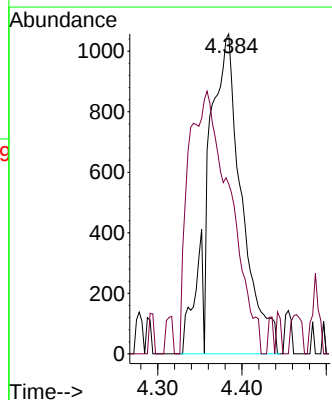
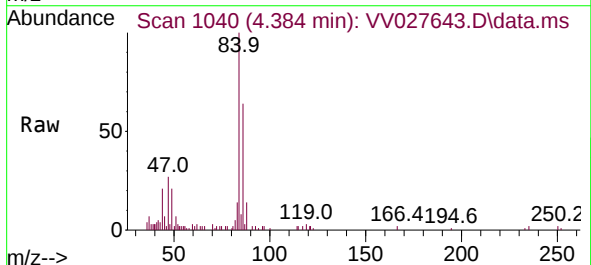
Instrument :
MSVOA_V
ClientSampleId :

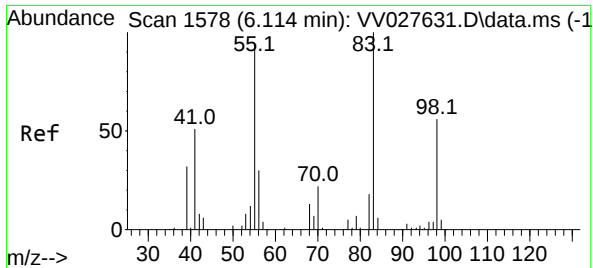
Tgt Ion: 73 Resp: 164204
Ion Ratio Lower Upper
73 100
43 21.5 16.5 24.7
57 22.5 18.2 27.2



#25
Chloroform
Concen: 0.102 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.019 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

Tgt Ion: 83 Resp: 2918
Ion Ratio Lower Upper
83 100
85 53.2 44.7 83.1

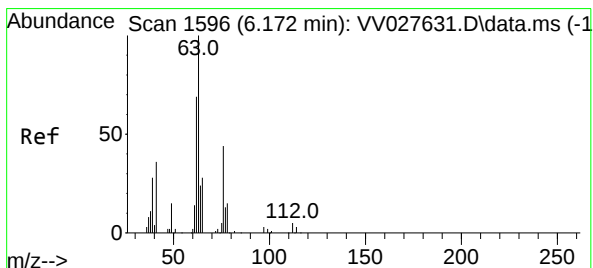
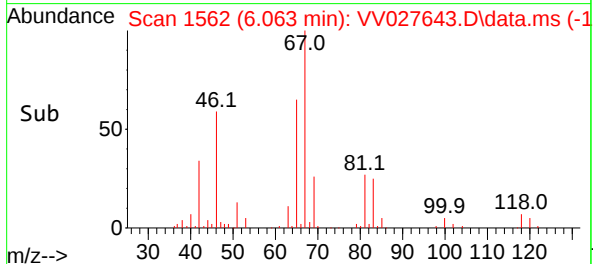
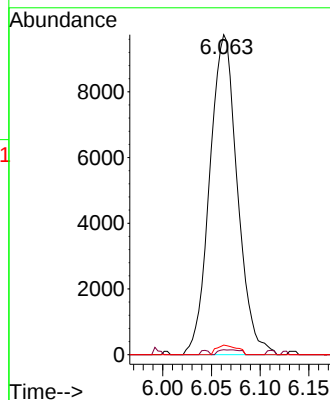
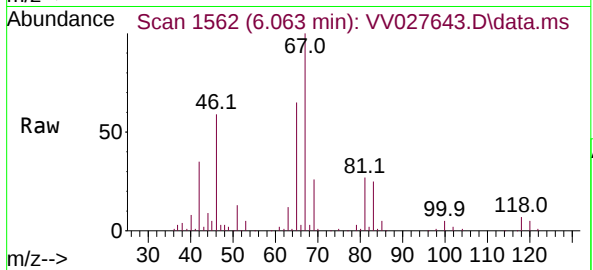




#35
Methylcyclohexane
Concen: 1.044 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.052 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

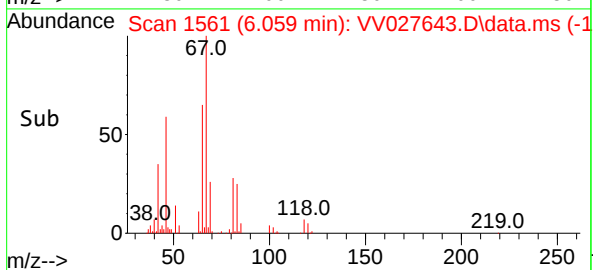
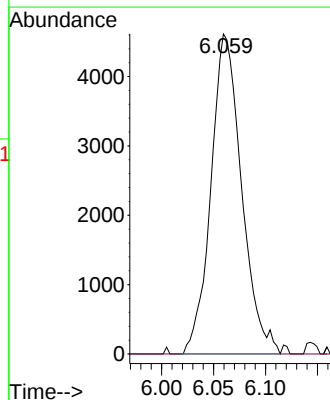
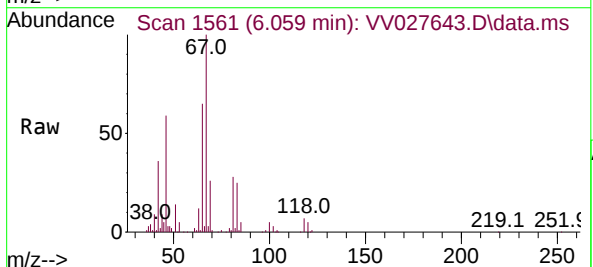
Instrument :
MSVOA_V
ClientSampleId :

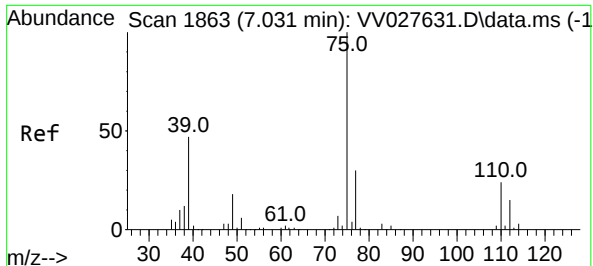
Tgt Ion: 83 Resp: 19234
Ion Ratio Lower Upper
83 100
55 1.2 66.0 99.0#
98 2.2 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.776 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.113 min
Lab File: VV027643.D
Acq: 01 Sep 2022 02:45

Tgt Ion: 63 Resp: 9471
Ion Ratio Lower Upper
63 100
112 1.1 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.001 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV027643.D

Acq: 01 Sep 2022 02:45

Instrument :

MSVOA_V

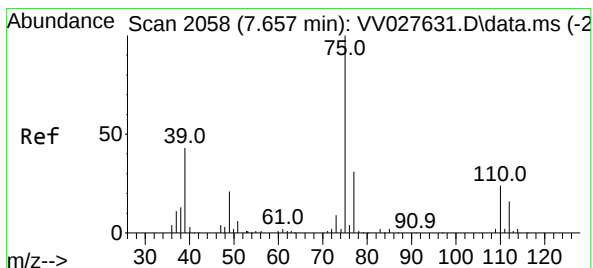
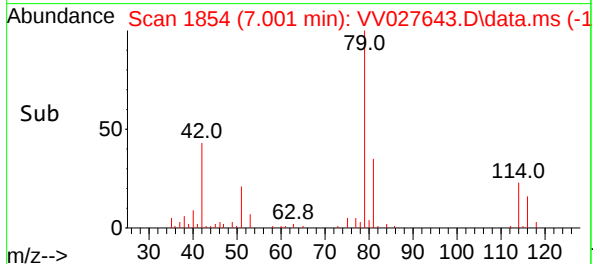
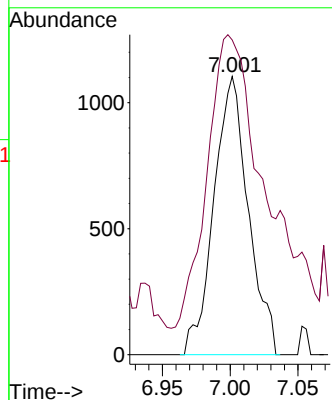
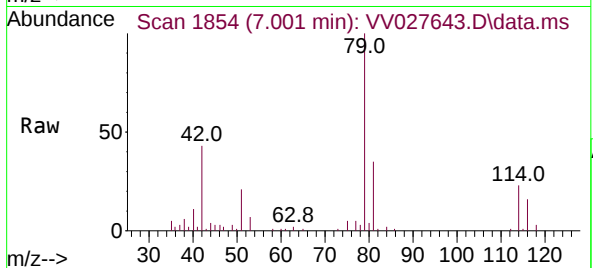
ClientSampleId :

Tgt Ion: 75 Resp: 1949

Ion Ratio Lower Upper

75 100

77 113.1 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.019 min

Lab File: VV027643.D

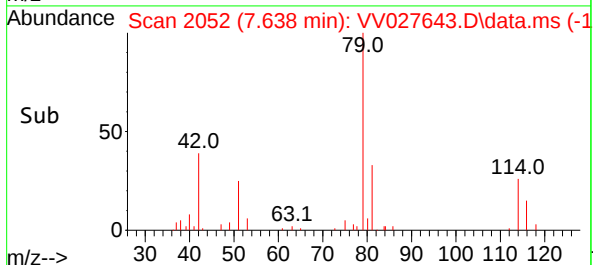
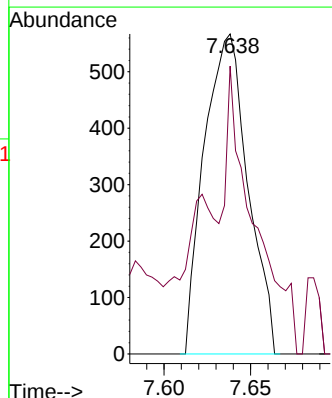
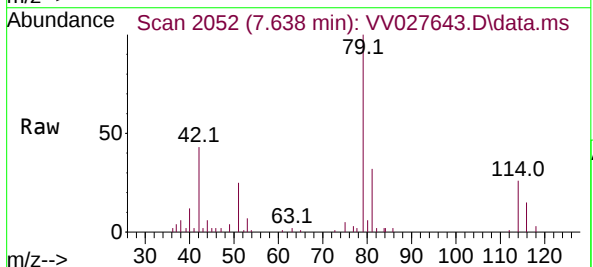
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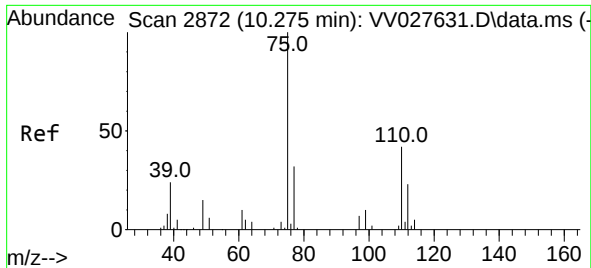
Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

77 89.9 22.0 41.0#





#61

1,2,3-Trichloropropane

Concen: 1.196 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

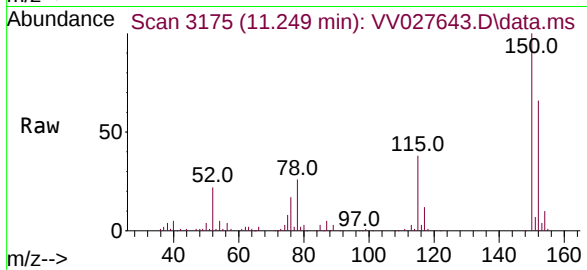
Lab File: VV027643.D

Acq: 01 Sep 2022 02:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6126

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

110 1.1 29.8 44.8#

