

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025489.D
 Acq On : 13 Apr 2022 12:52
 Operator : SY/MD
 Sample : N2319-07DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

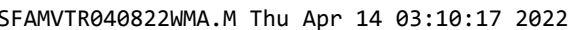
Quant Time: Apr 14 03:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

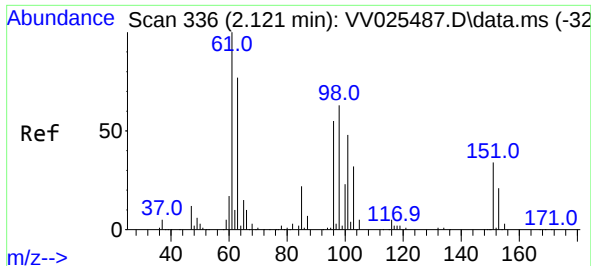
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	203917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	204373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	94455	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.571	69	81407	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.111	63	148480	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.902	46	99394	43.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	4.346	84	127218	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.031	65	57362	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.047	84	262088	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.066	67	74371	4.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.314	98	230808	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	21738	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.088	63	74171	38.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41659	3.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	74479	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
12) 1,1-Dichloroethene	2.121	96	2735	0.155	ug/L #	1
16) Methylene chloride	2.513	84	3597	0.210	ug/L	94
25) Chloroform	4.375	83	5238	0.198	ug/L	95
34) Trichloroethene	5.912	95	26492	1.653	ug/L	98
35) Methylcyclohexane	6.066	83	17798	0.696	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	8425	0.603	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2186	0.119	ug/L	84
45) 1,1,2-Trichloroethane	7.969	97	615	0.066	ug/L #	27
47) Tetrachloroethene	7.973	164	51255	4.084	ug/L	98
49) Dibromochloromethane	7.973	129	46803	4.558	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	12287	1.876	ug/L #	63

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

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QLast Update : Thu Apr 14 03:09:10 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.155 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

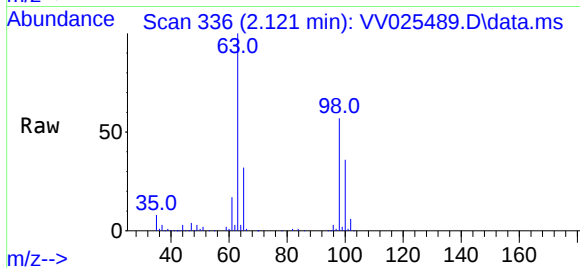
Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Instrument :

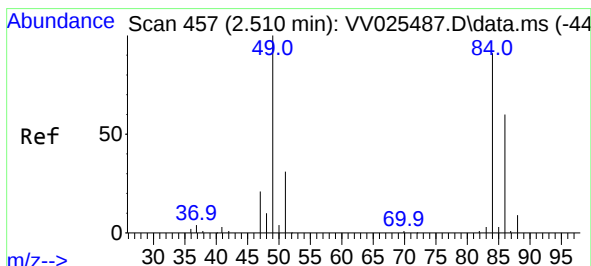
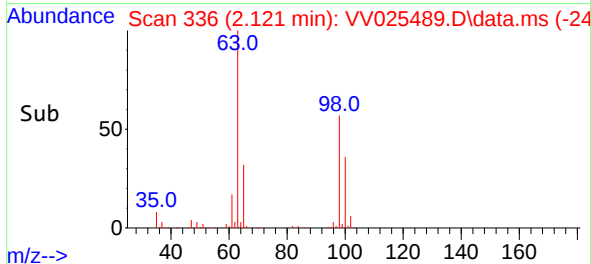
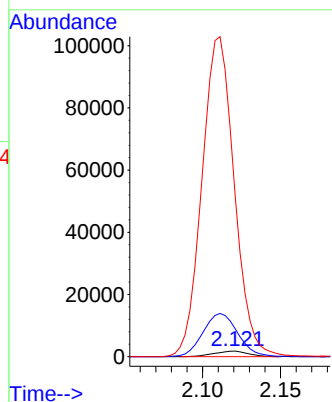
MSVOA_V

ClientSampleId :



Tgt Ion: 96 Resp: 2735

Ion	Ratio	Lower	Upper
96	100		
61	504.1	125.2	232.4#
63	2919.0	114.4	212.4#



#16

Methylene chloride

Concen: 0.210 ug/L

RT: 2.513 min Scan# 458

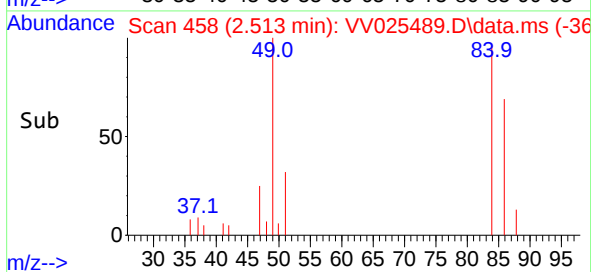
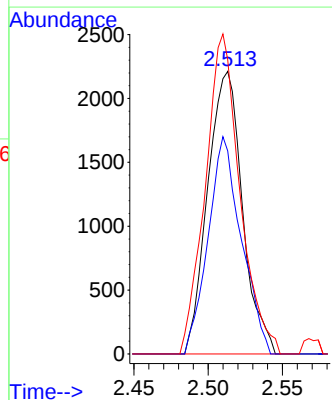
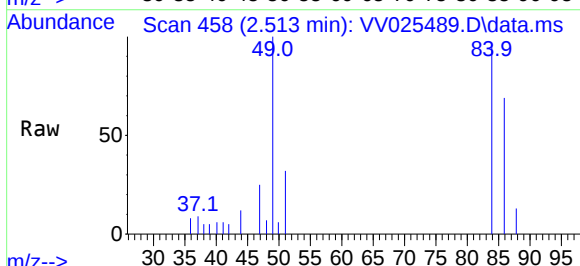
Delta R.T. 0.003 min

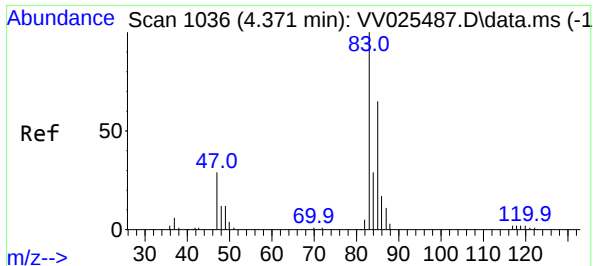
Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Tgt Ion: 84 Resp: 3597

Ion	Ratio	Lower	Upper
84	100		
86	71.8	45.9	85.3
49	104.2	76.6	142.3





#25

Chloroform

Concen: 0.198 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Instrument :

MSVOA_V

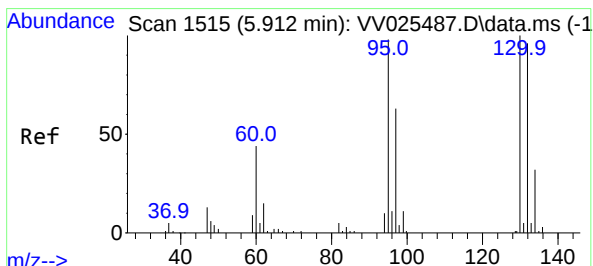
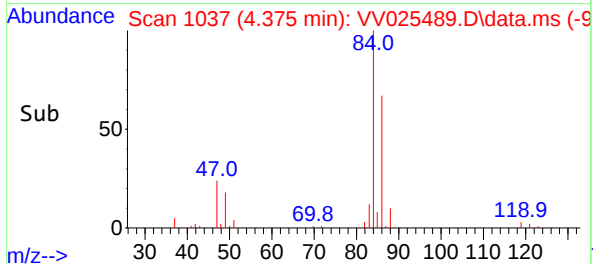
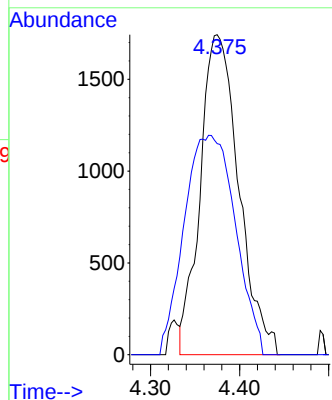
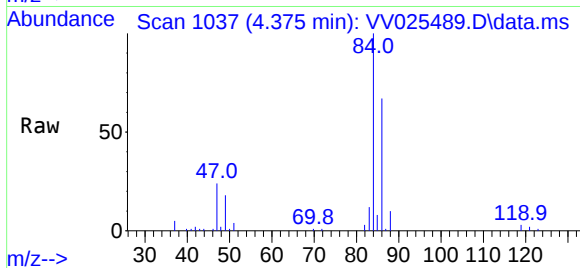
ClientSampleId :

Tgt Ion: 83 Resp: 5238

Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.7



#34

Trichloroethene

Concen: 1.653 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Tgt Ion: 95 Resp: 26492

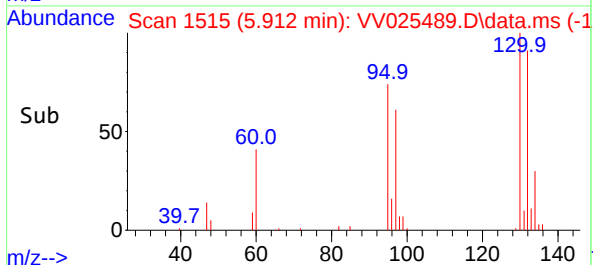
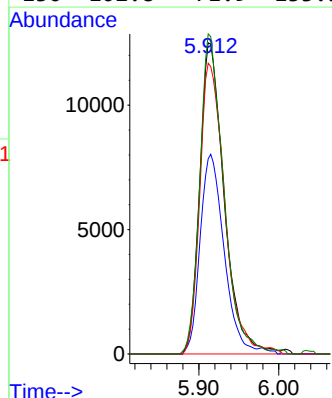
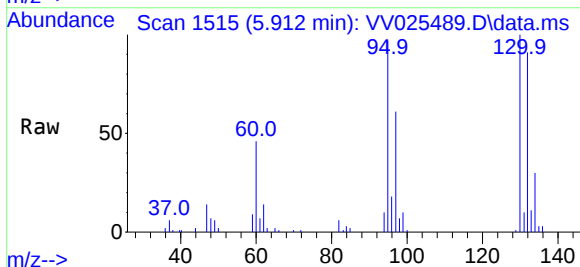
Ion Ratio Lower Upper

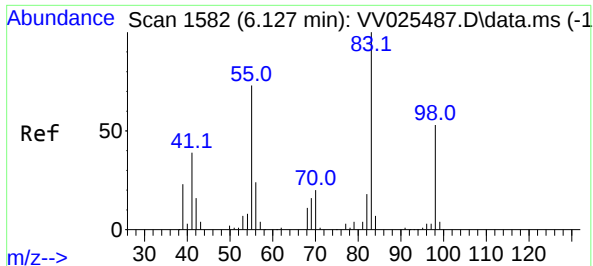
95 100

97 62.7 45.8 85.2

132 93.4 68.0 126.4

130 102.8 71.9 133.5





#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV025489.D

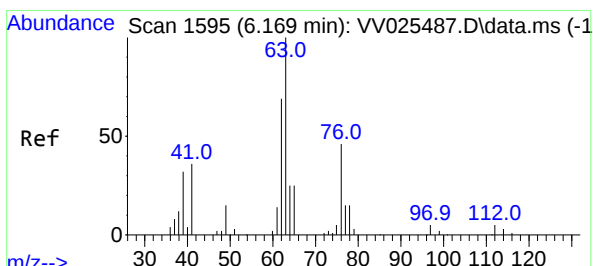
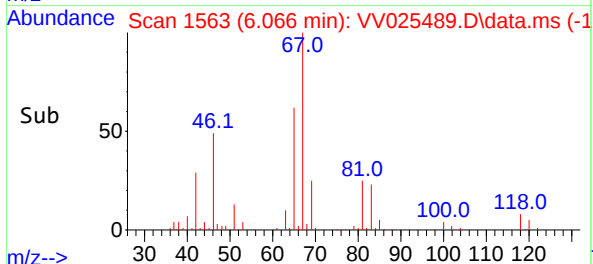
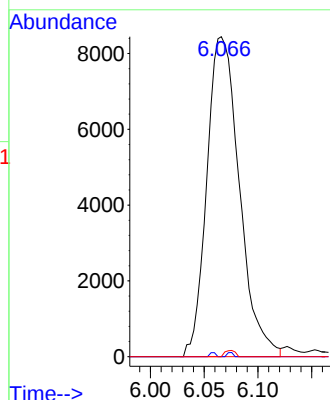
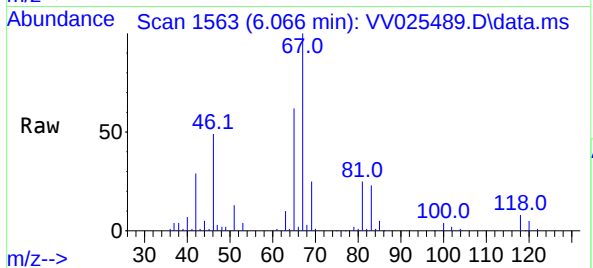
Acq: 13 Apr 2022 12:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17798
Ion	Ratio	Lower	Upper
83	100		
55	0.2	53.7	80.5#
98	0.0	39.6	59.4#



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

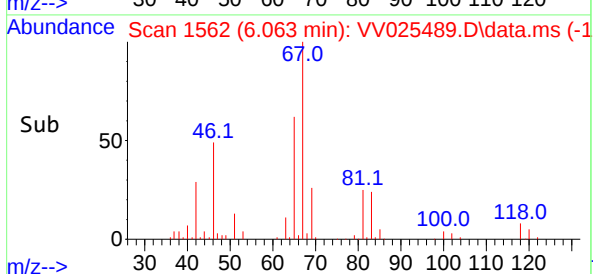
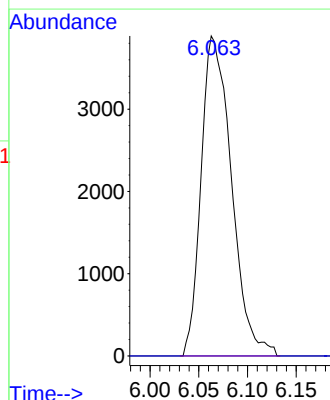
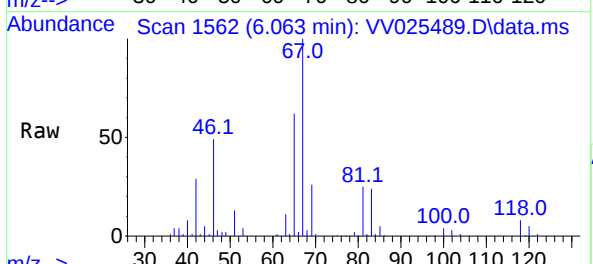
RT: 6.063 min Scan# 1562

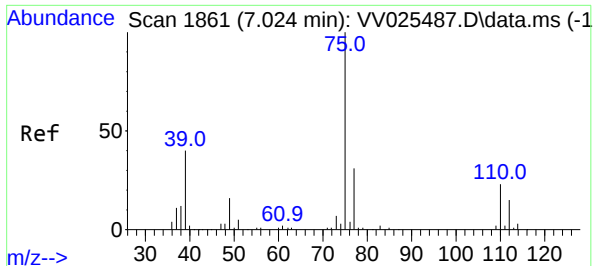
Delta R.T. -0.106 min

Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Tgt Ion:	63	Resp:	8425
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Instrument :

MSVOA_V

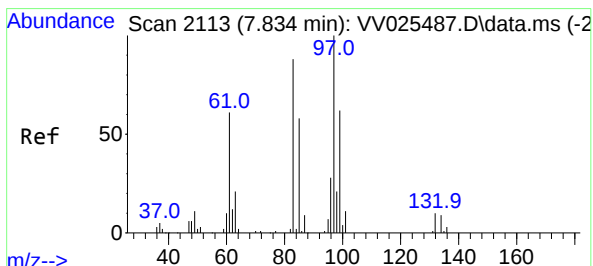
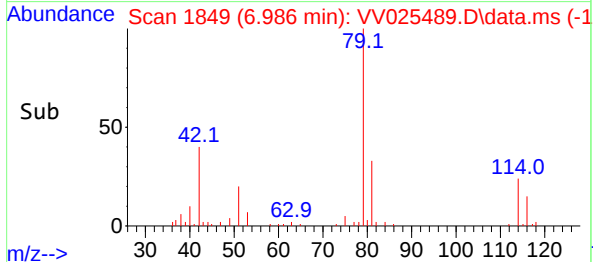
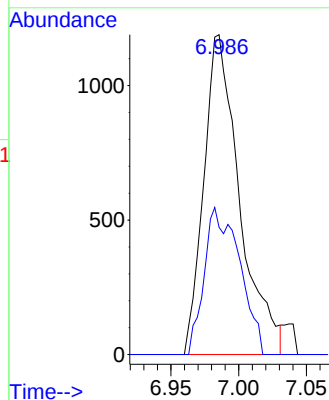
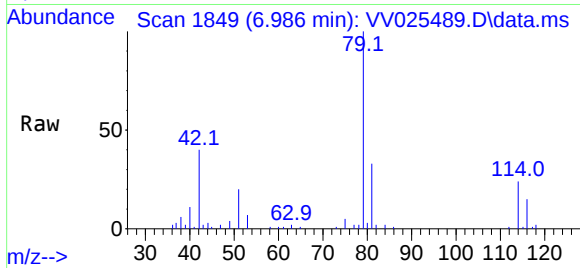
ClientSampleId :

Tgt Ion: 75 Resp: 2186

Ion Ratio Lower Upper

75 100

77 39.8 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 0.066 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Tgt Ion: 97 Resp: 615

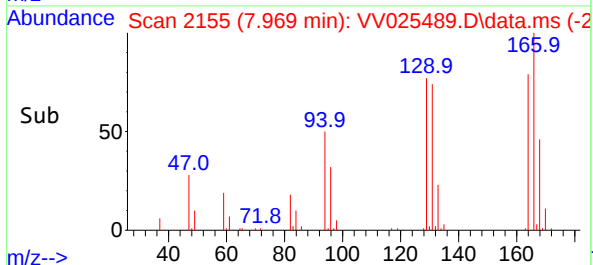
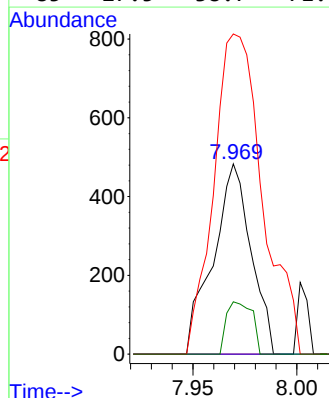
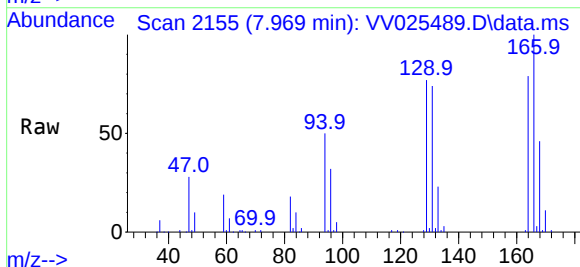
Ion Ratio Lower Upper

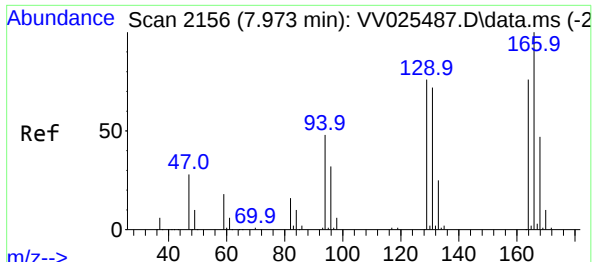
97 100

99 0.0 43.8 81.4#

83 168.3 60.3 112.1#

85 27.5 38.7 71.9#



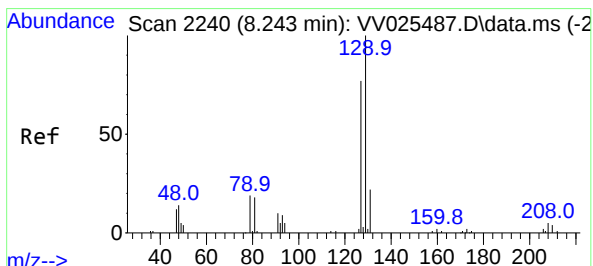
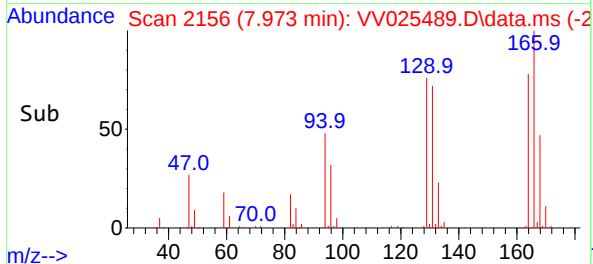
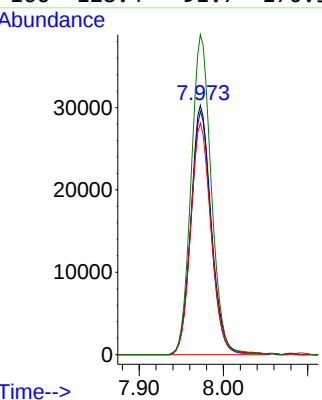
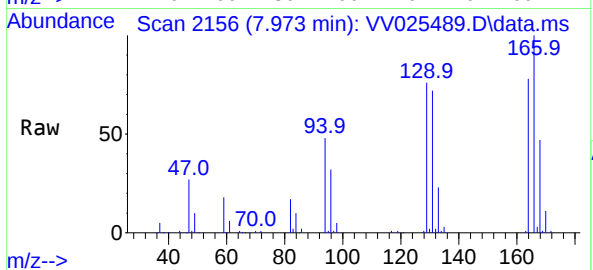


#47
Tetrachloroethene
Concen: 4.084 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025489.D
Acq: 13 Apr 2022 12:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 51255

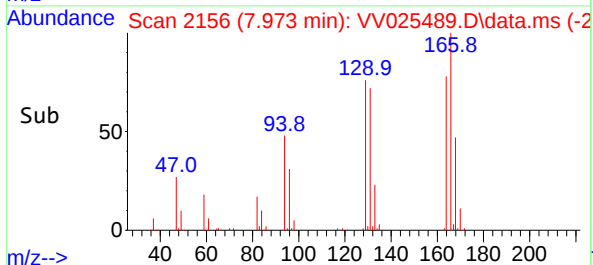
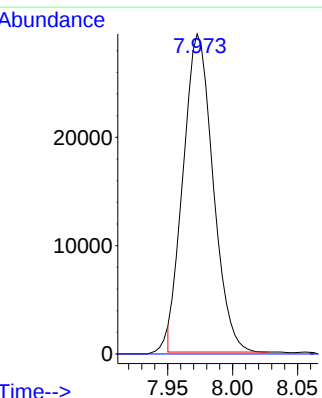
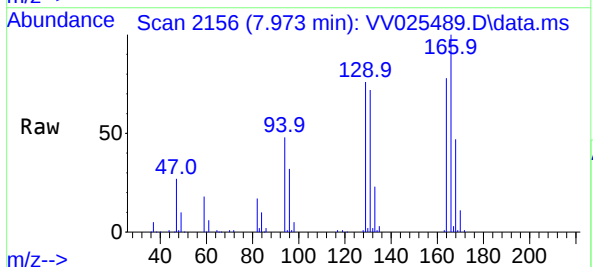
Ion	Ratio	Lower	Upper
164	100		
129	97.6	66.8	124.2
131	92.9	66.4	123.4
166	128.4	91.7	170.3

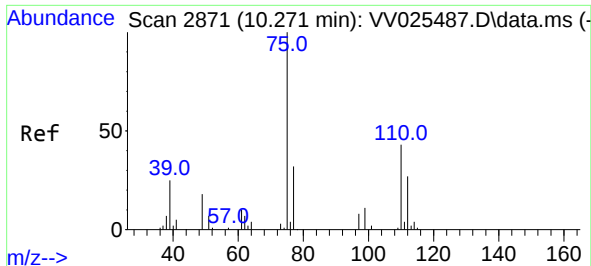


#49
Dibromochloromethane
Concen: 4.558 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV025489.D
Acq: 13 Apr 2022 12:52

Tgt Ion:129 Resp: 46803

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#61

1,2,3-Trichloropropane

Concen: 1.876 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

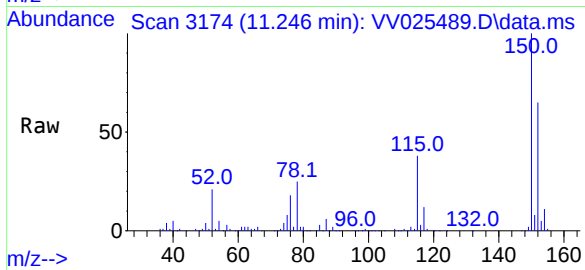
Lab File: VV025489.D

Acq: 13 Apr 2022 12:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 12287

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

110 2.3 34.7 52.1#

