

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027529.D
 Acq On : 26 Aug 2022 12:44
 Operator : SY/MD
 Sample : N4367-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

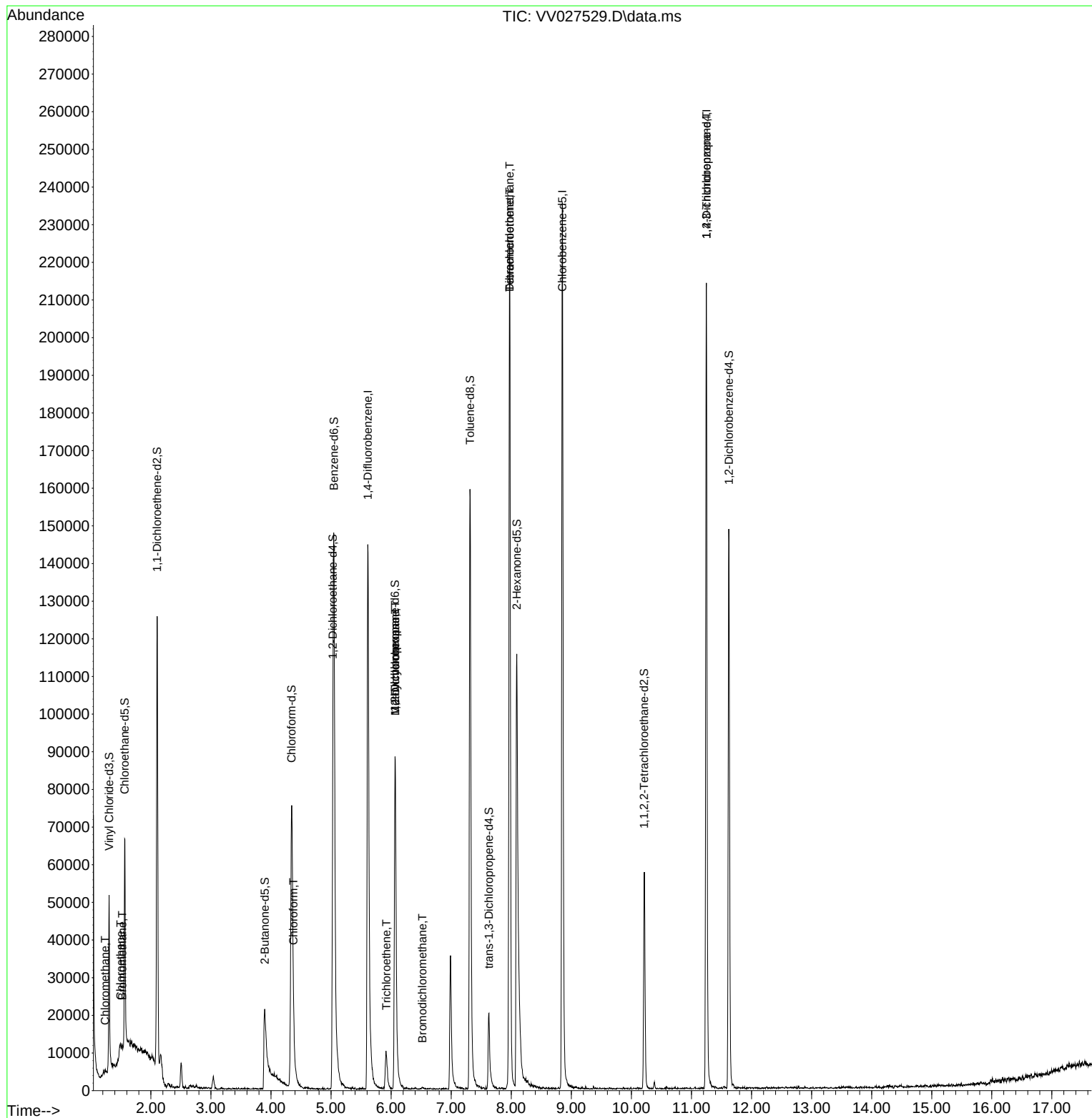
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	133283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33423	3.523	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.400%	
7) Chloroethane-d5	1.564	69	36370	5.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.105	63	64017	2.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.800%#	
20) 2-Butanone-d5	3.895	46	45825	38.818	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.640%	
24) Chloroform-d	4.342	84	78827	4.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.030	65	37759	4.602	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.047	84	139787	3.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.066	67	42944	4.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.313	98	112909	3.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.800%#	
43) trans-1,3-Dichloroprop...	7.628	79	13348	3.738	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.091	63	48959	41.647	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27596	4.155	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	38448	4.590	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1057	0.086	ug/L #	71
6) Bromomethane	1.523	94	631	0.103	ug/L	97
8) Chloroethane	1.497	64	1226	0.169	ug/L #	53
25) Chloroform	4.375	83	8947	0.383	ug/L	97
34) Trichloroethene	5.921	95	3547	0.313	ug/L	88
35) Methylcyclohexane	6.069	83	10792	0.677	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5403	0.471	ug/L #	85
38) Bromodichloromethane	6.519	83	711	0.049	ug/L #	59
47) Tetrachloroethene	7.972	164	50397	5.708	ug/L	98
49) Dibromochloromethane	7.972	129	45204	5.008	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6087	1.228	ug/L #	67

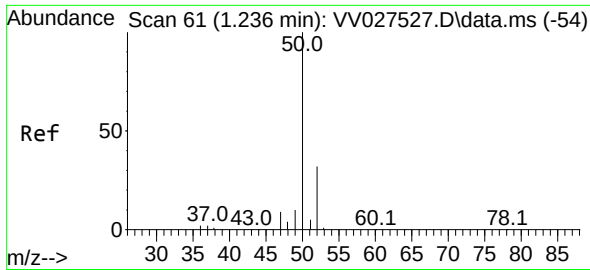
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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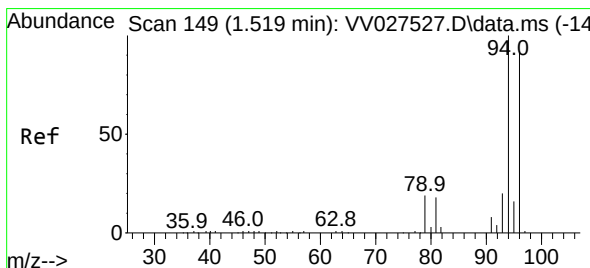
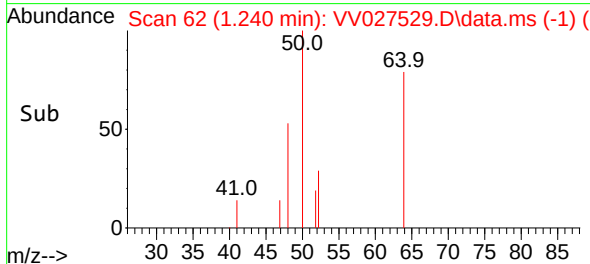
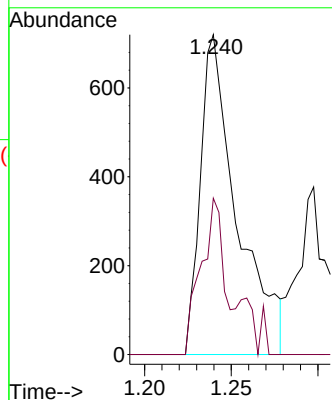
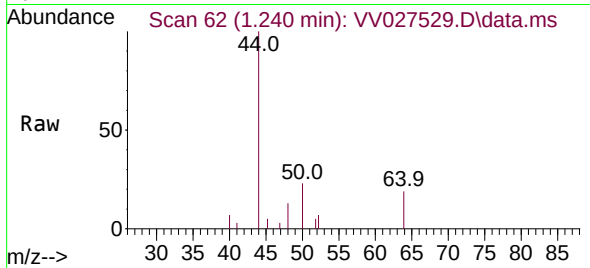




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

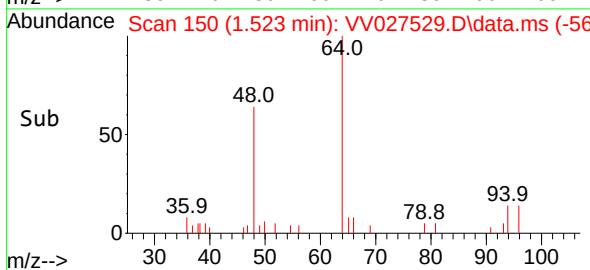
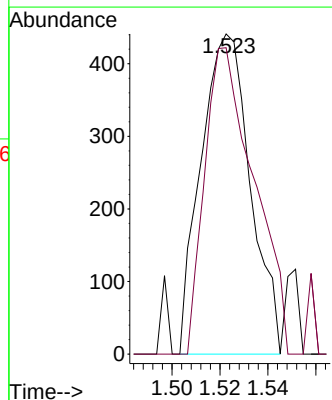
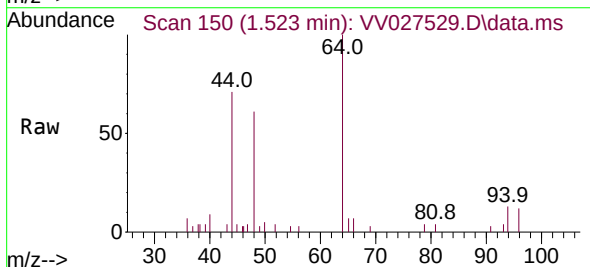
Instrument :
MSVOA_V
ClientSampleId :

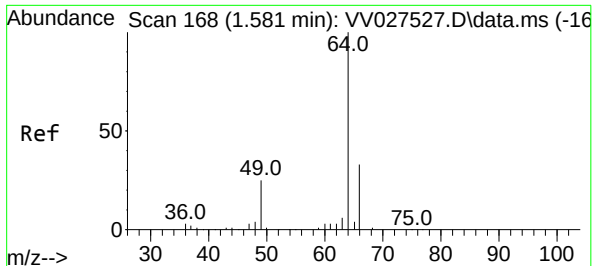
Tgt Ion: 50 Resp: 1057
Ion Ratio Lower Upper
50 100
52 48.9 22.8 42.4#



#6
Bromomethane
Concen: 0.103 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 95.7 65.2 121.0

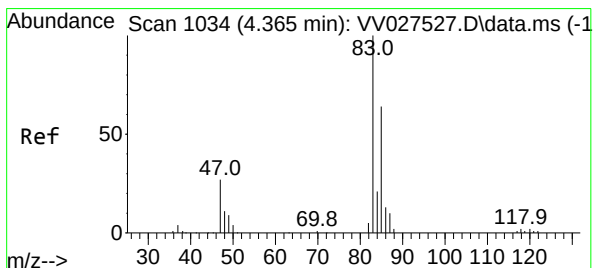
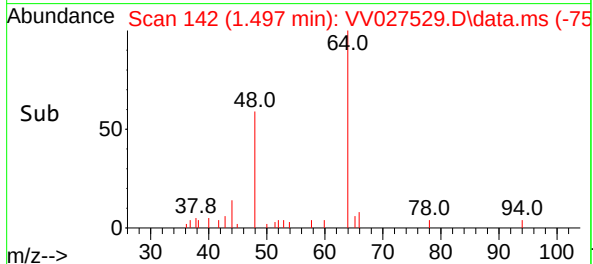
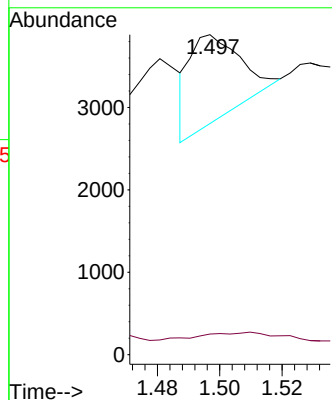
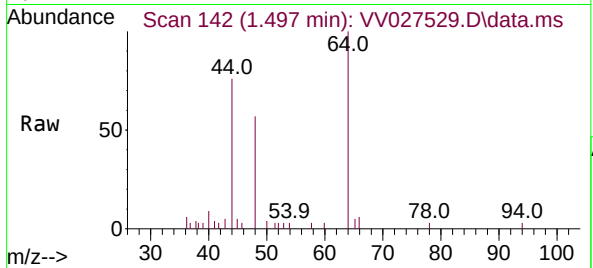




#8
Chloroethane
Concen: 0.169 ug/L
RT: 1.497 min Scan# 14
Delta R.T. -0.084 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

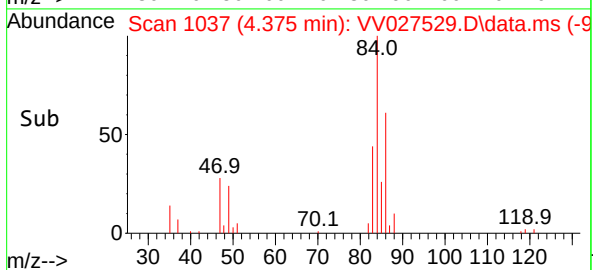
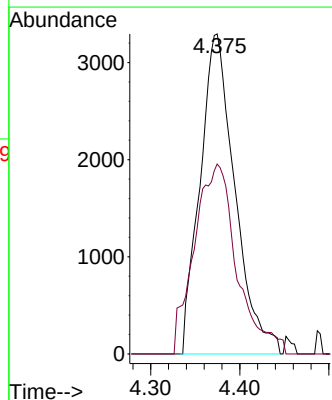
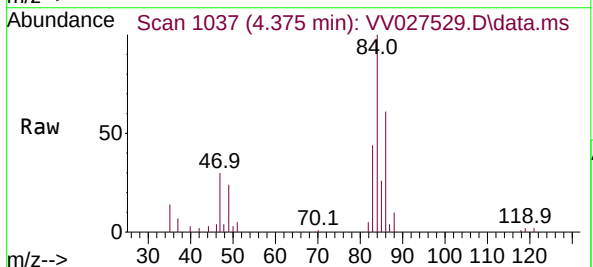
Instrument :
MSVOA_V
ClientSampleId :

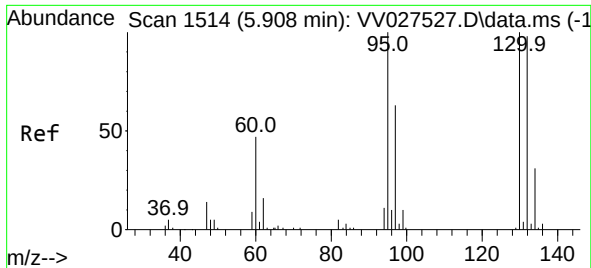
Tgt Ion: 64 Resp: 1226
Ion Ratio Lower Upper
64 100
66 6.5 23.3 43.3#



#25
Chloroform
Concen: 0.383 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

Tgt Ion: 83 Resp: 8947
Ion Ratio Lower Upper
83 100
85 59.4 43.3 80.5



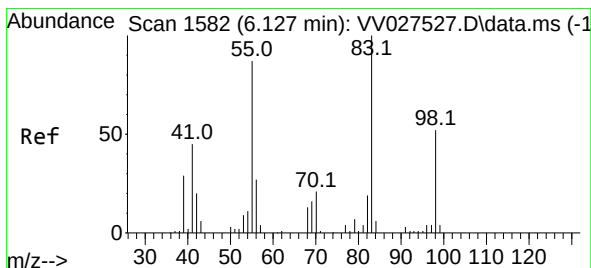
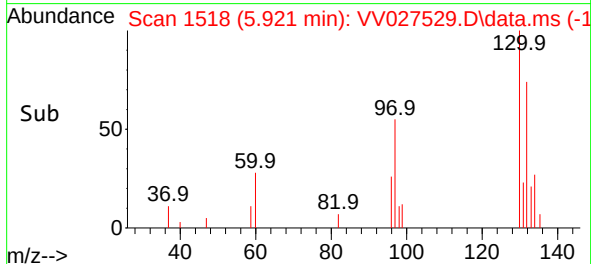
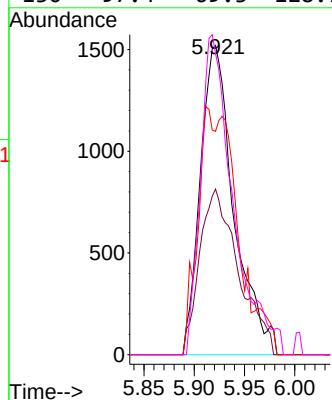
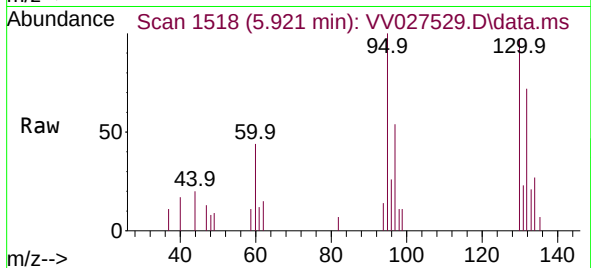


#34
Trichloroethene
Concen: 0.313 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3547

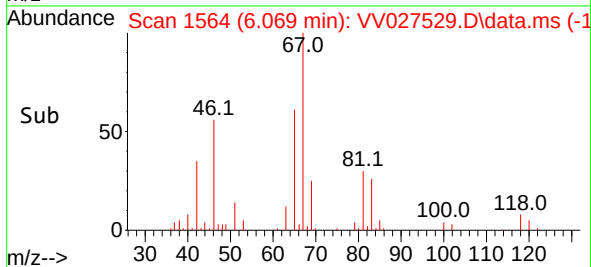
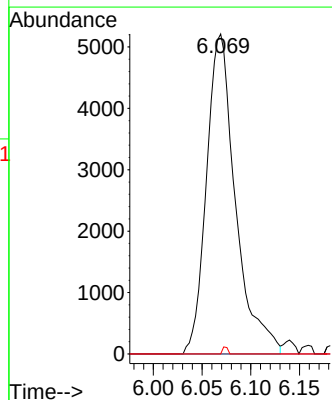
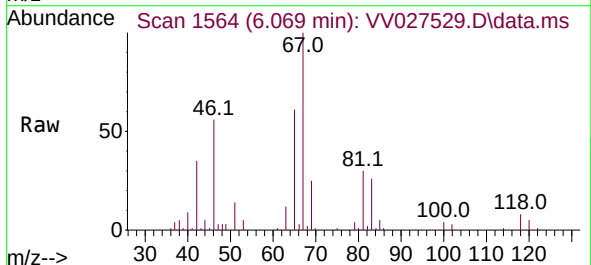
Ion	Ratio	Lower	Upper
95	100		
97	53.6	45.0	83.6
132	72.2	65.7	121.9
130	97.4	69.3	128.7

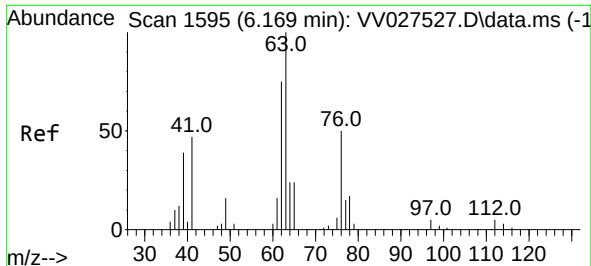


#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027529.D
Acq: 26 Aug 2022 12:44

Tgt Ion: 83 Resp: 10792

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.4	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.471 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027529.D

Acq: 26 Aug 2022 12:44

Instrument :

MSVOA_V

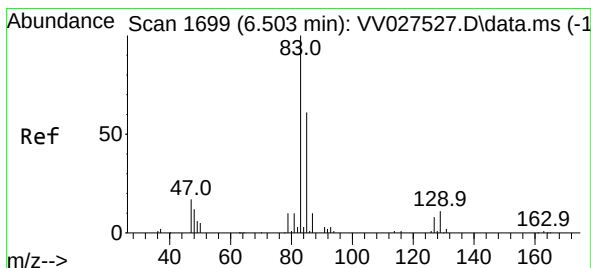
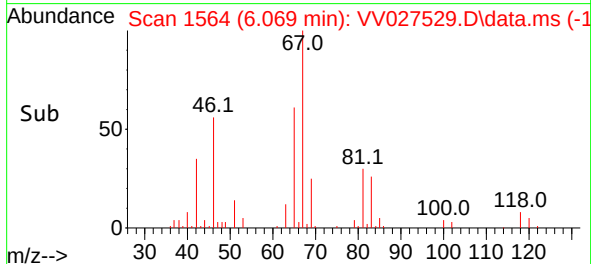
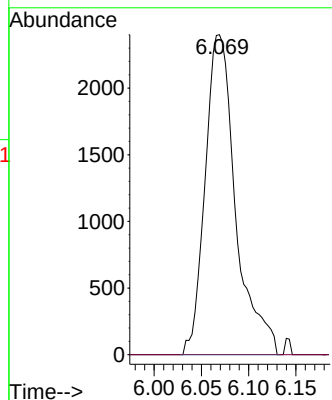
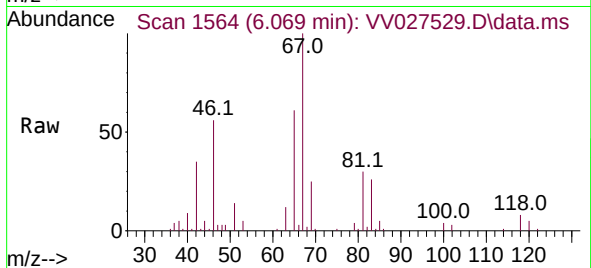
ClientSampleId :

Tgt Ion: 63 Resp: 5403

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.049 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.016 min

Lab File: VV027529.D

Acq: 26 Aug 2022 12:44

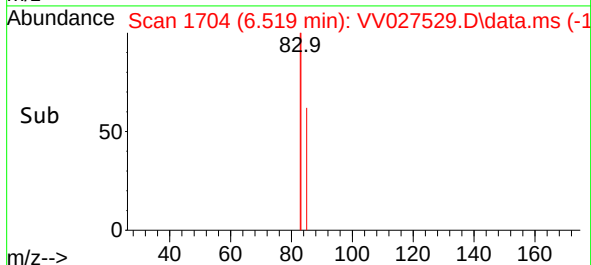
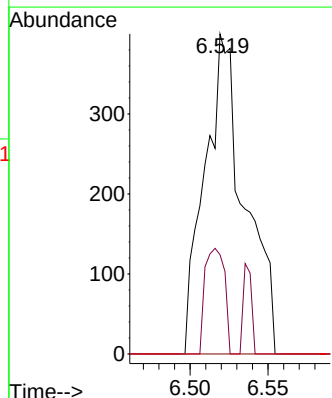
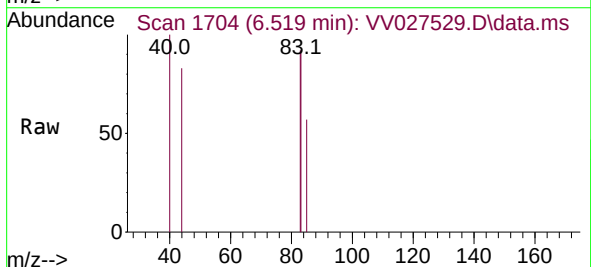
Tgt Ion: 83 Resp: 711

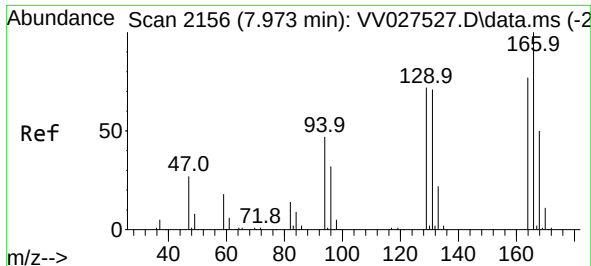
Ion Ratio Lower Upper

83 100

85 31.0 45.3 84.1#

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 5.708 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

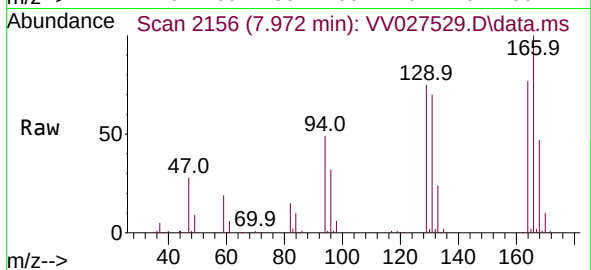
Lab File: VV027529.D

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Instrument :

MSVOA_V

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Tgt Ion:164 Resp: 50397

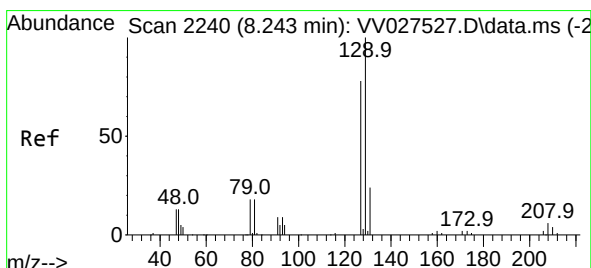
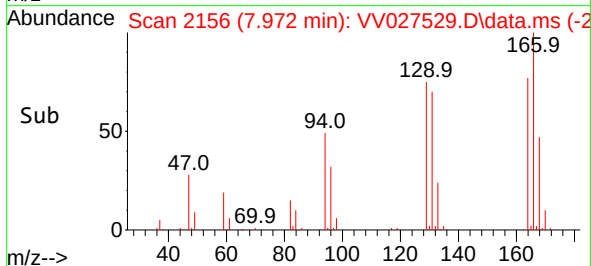
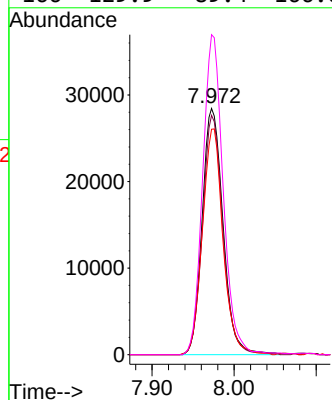
Ion Ratio Lower Upper

164 100

129 97.2 71.1 132.1

131 91.6 64.5 119.9

166 129.9 89.4 166.0



#49

Dibromochloromethane

Concen: 5.008 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027529.D

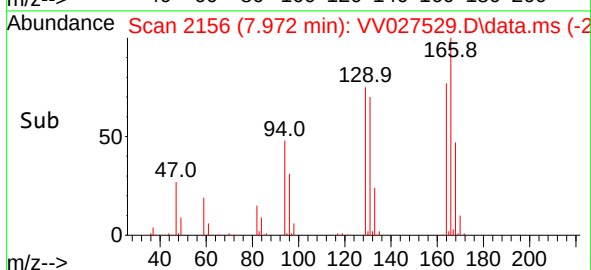
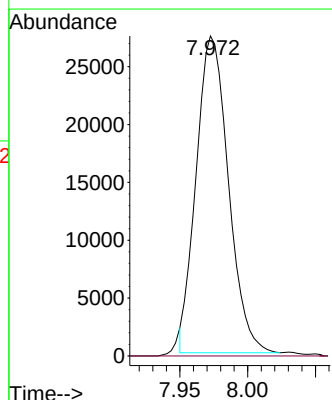
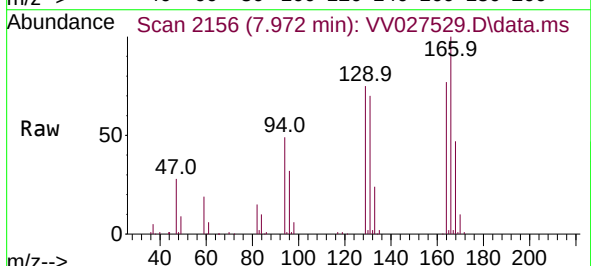
Acq: 26 Aug 2022 12:44

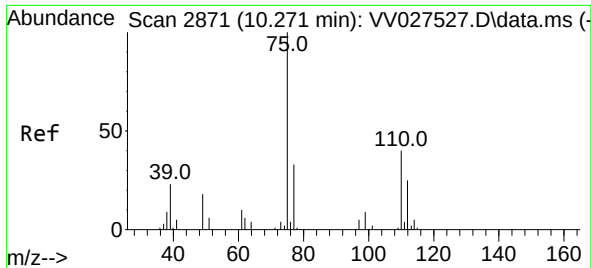
Tgt Ion:129 Resp: 45204

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

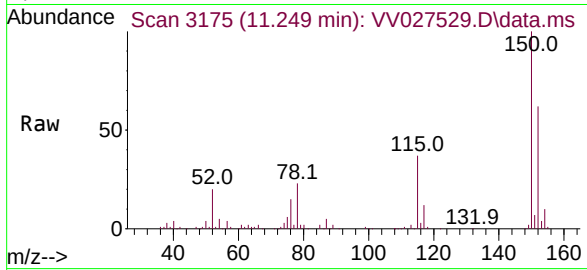
Lab File: VV027529.D

Acq: 26 Aug 2022 12:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6087

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

110 2.9 29.9 44.9#

