

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082322\
 Data File : VV027486.D
 Acq On : 23 Aug 2022 15:39
 Operator : SY/MD
 Sample : N4252-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Aug 24 02:13:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 24 02:11:24 2022
 Response via : Initial Calibration

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

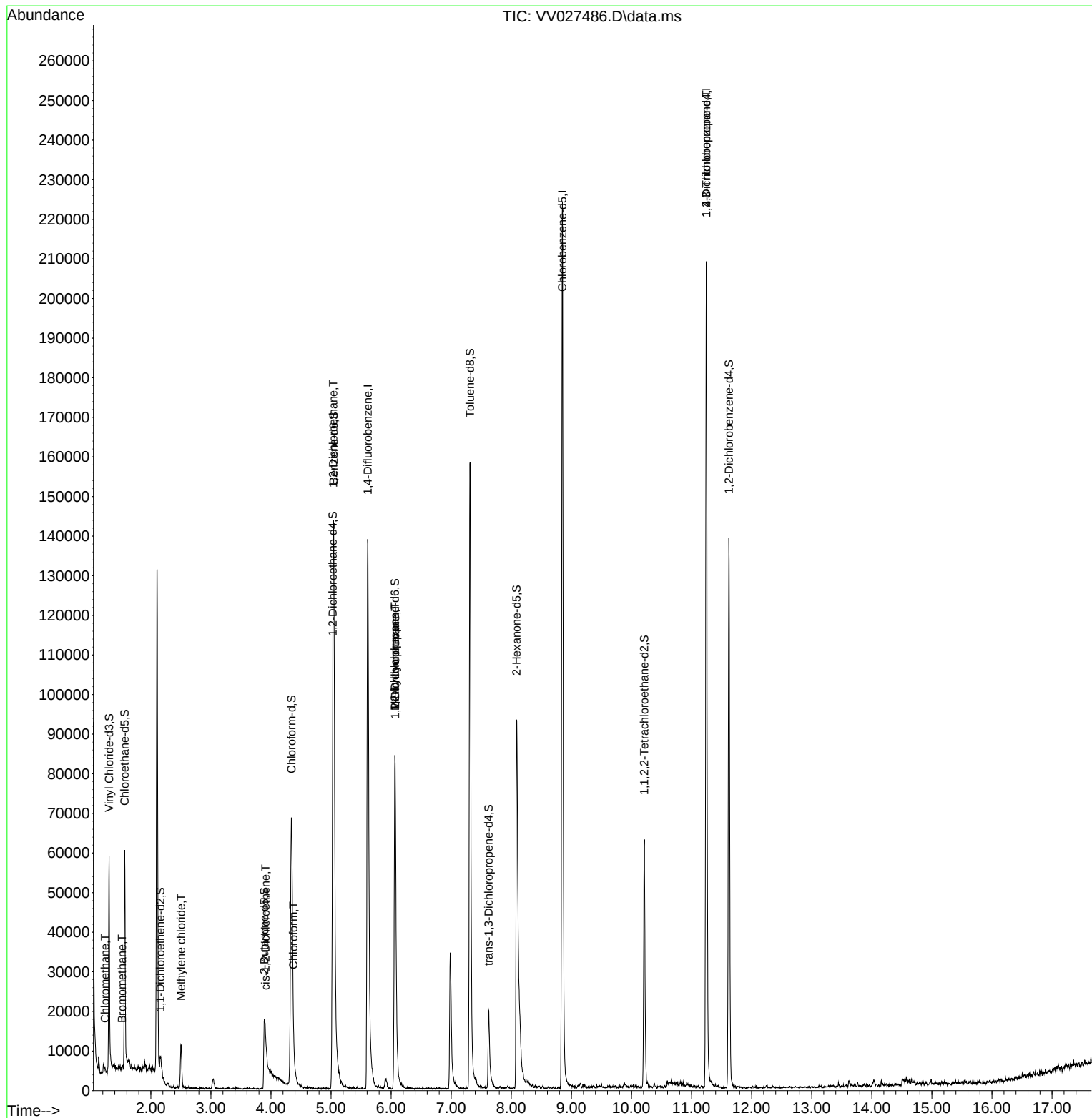
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	124808	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	56086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40102	4.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.564	69	35757	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.159	63	3554	0.172	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.400%#
20) 2-Butanone-d5	3.889	46	33019	29.870	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.740%
24) Chloroform-d	4.339	84	74945	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.027	65	34607	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.043	84	137638	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.063	67	42024	4.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.313	98	112542	3.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.622	79	13396	3.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	40256	34.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30089	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	37225	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	842	0.073	ug/L #	78
6) Bromomethane	1.519	94	294	0.051	ug/L #	48
16) Methylene chloride	2.503	84	4389	0.308	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	276	0.027	ug/L	85
25) Chloroform	4.371	83	3003	0.137	ug/L	93
27) 1,2-Dichloroethane	5.037	62	857	0.077	ug/L #	74
35) Methylcyclohexane	6.063	83	10661	0.682	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	5038	0.447	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	6511	1.323	ug/L #	68

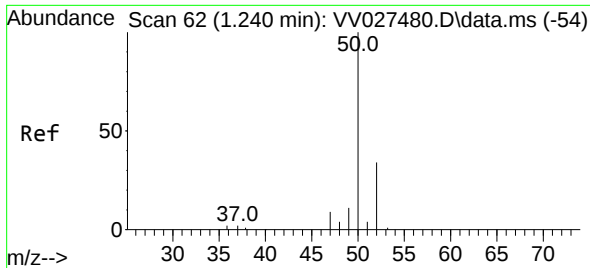
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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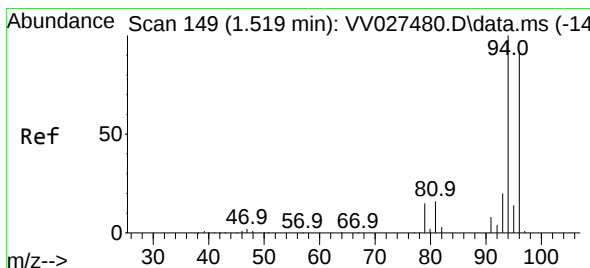
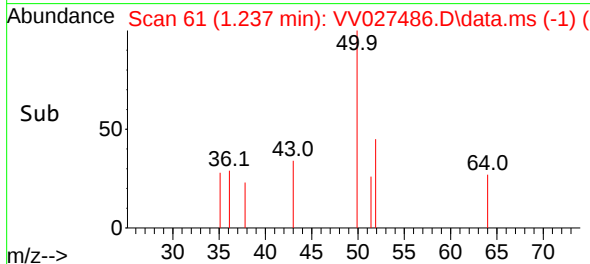
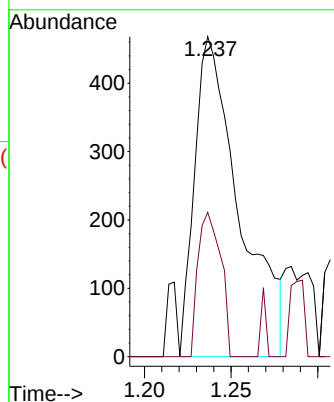
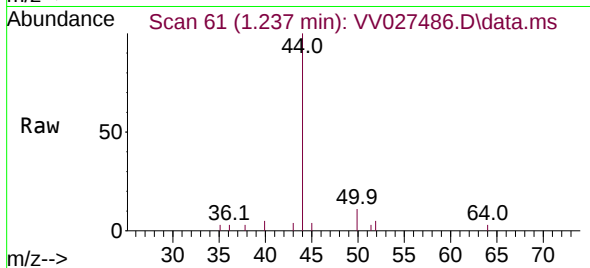




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

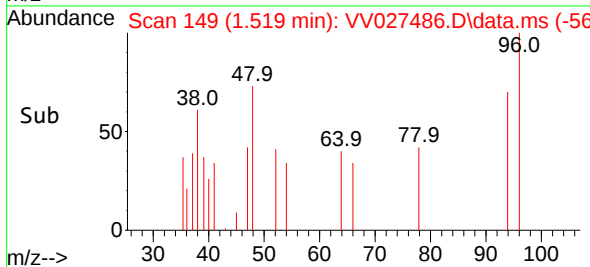
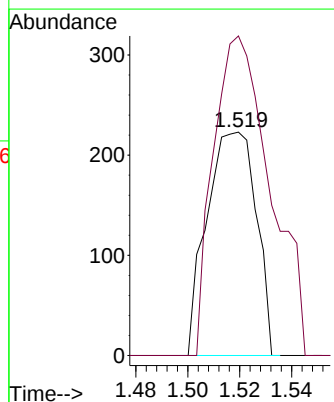
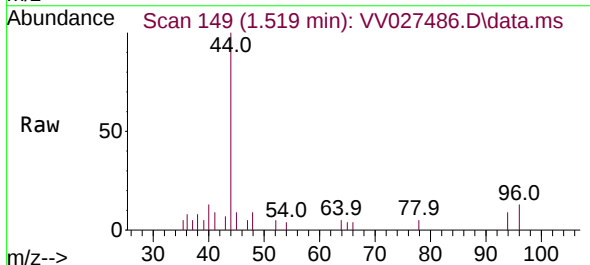
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

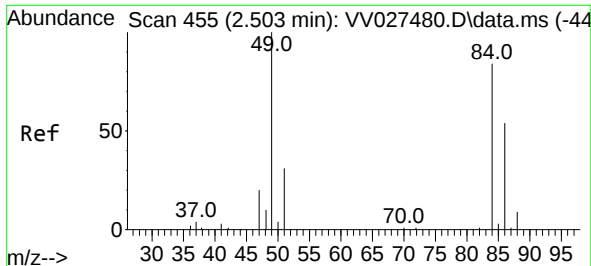
Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 45.1 22.8 42.4#



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 143.0 65.2 121.0#

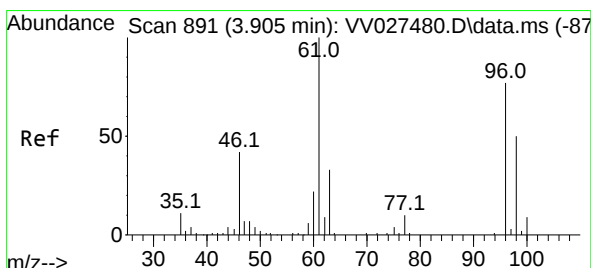
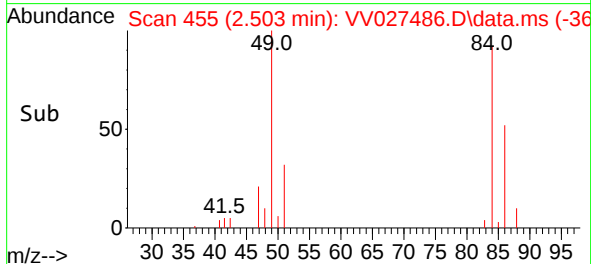
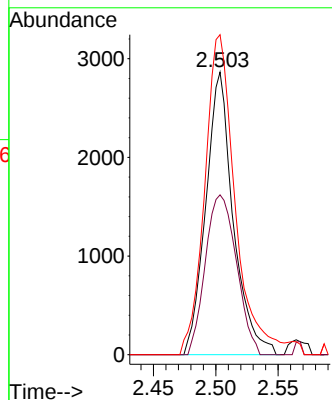
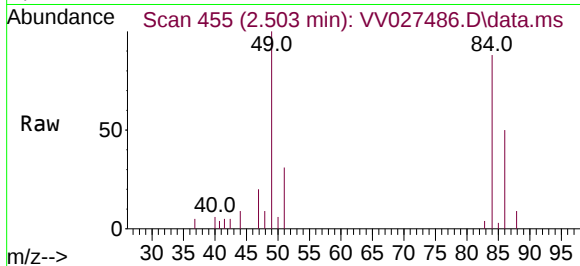




#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.503 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

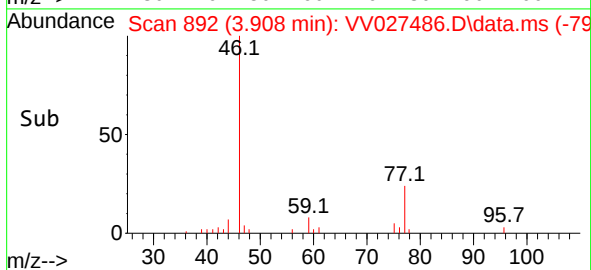
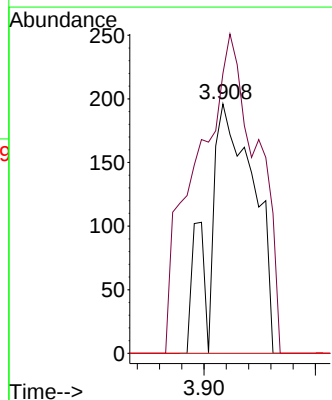
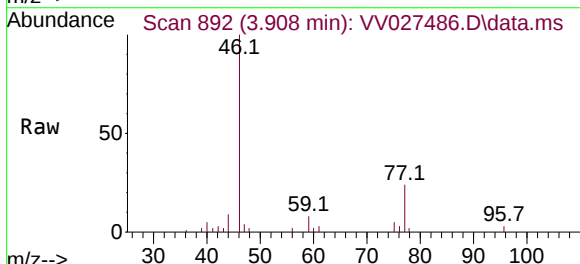
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

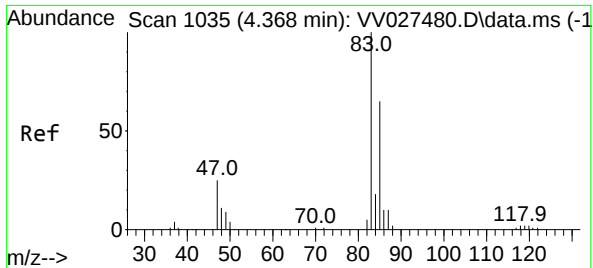
Tgt Ion:	84	Resp:	4389
Ion	Ratio	Lower	Upper
84	100		
86	56.6	44.0	81.6
49	113.3	89.4	166.0



#22
cis-1,2-Dichloroethene
Concen: 0.027 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

Tgt Ion:	96	Resp:	276
Ion	Ratio	Lower	Upper
96	100		
61	112.2	90.6	168.2
68	0.0	0.0	0.0

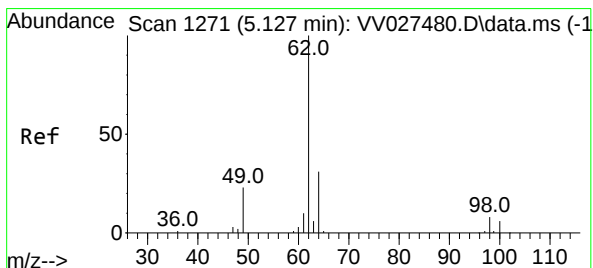
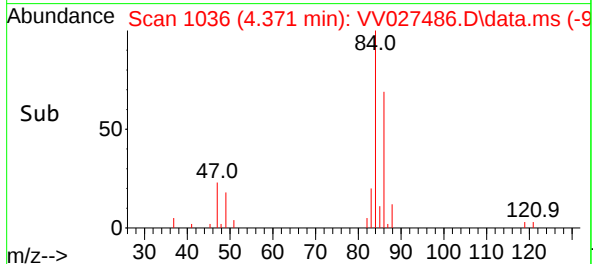
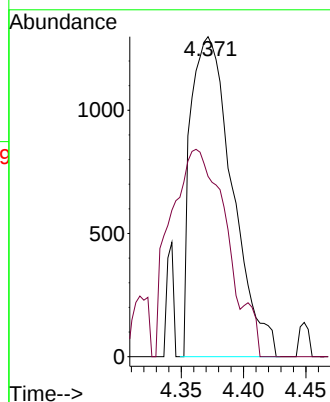
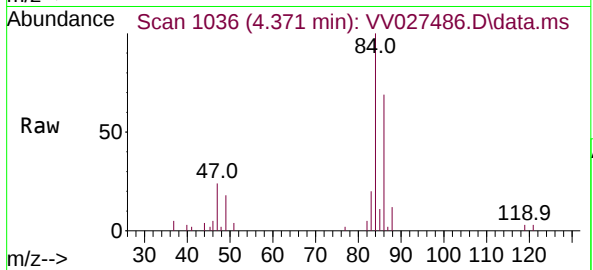




#25
Chloroform
Concen: 0.137 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

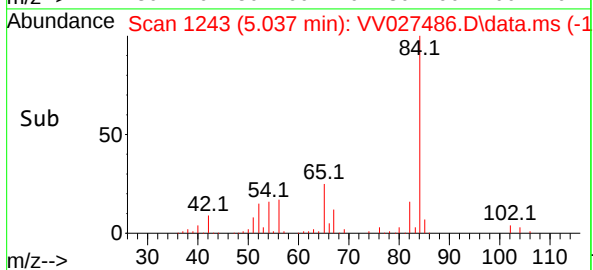
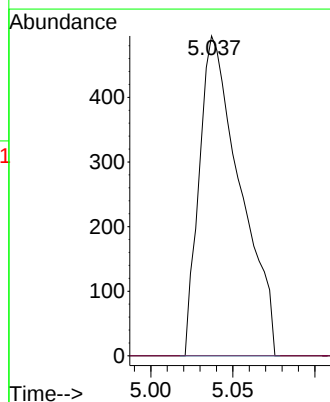
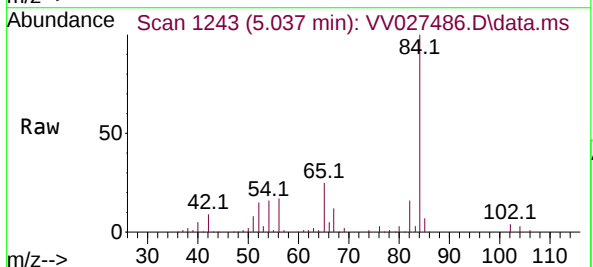
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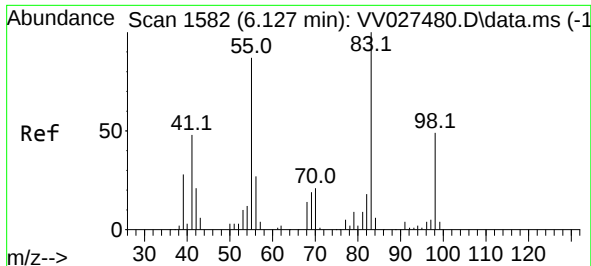
Tgt Ion: 83 Resp: 3003
Ion Ratio Lower Upper
83 100
85 56.4 43.3 80.5



#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.090 min
Lab File: VV027486.D
Acq: 23 Aug 2022 15:39

Tgt Ion: 62 Resp: 857
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#





#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV027486.D

Acq: 23 Aug 2022 15:39

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

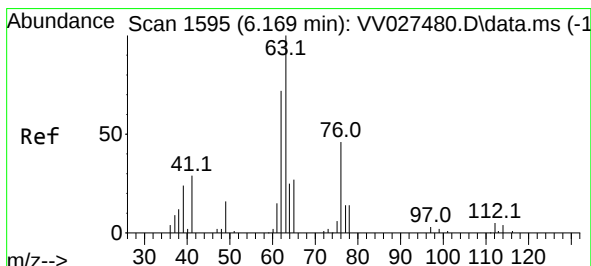
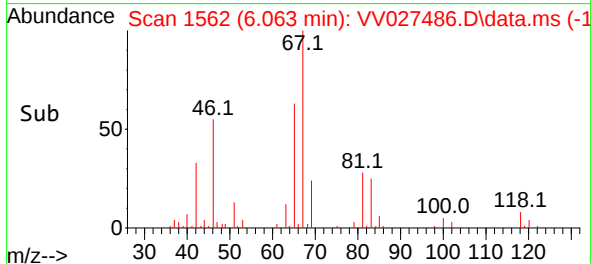
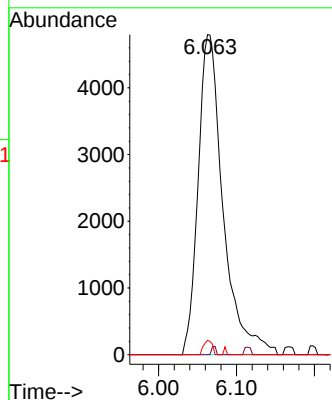
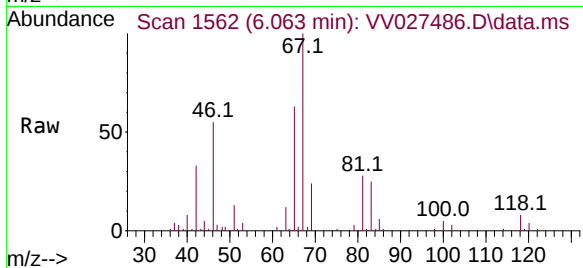
Tgt Ion: 83 Resp: 10661

Ion Ratio Lower Upper

83 100

55 0.4 68.2 102.4#

98 1.5 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.447 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV027486.D

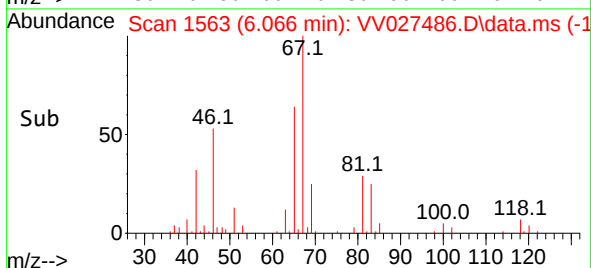
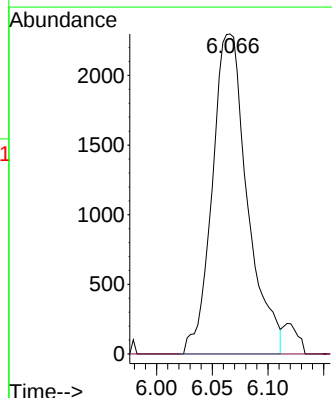
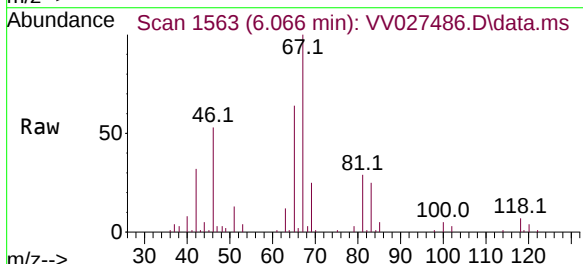
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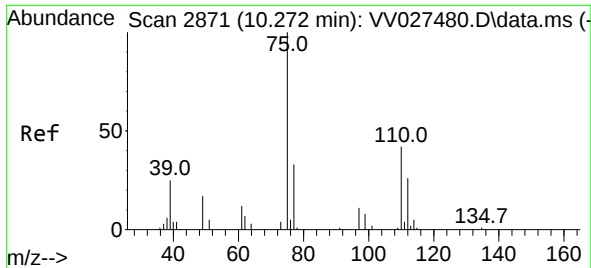
Tgt Ion: 63 Resp: 5038

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#61

1,2,3-Trichloropropane

Concen: 1.323 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV027486.D

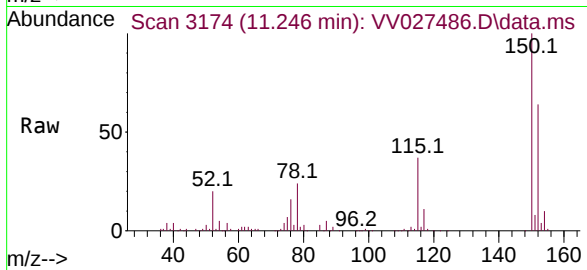
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Tgt Ion: 75 Resp: 6511

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 2.1 29.9 44.9#

