

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027819.D
 Acq On : 14 Sep 2022 10:59
 Operator : SY/MD
 Sample : VV0914WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK228

Quant Time: Sep 15 02:49:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

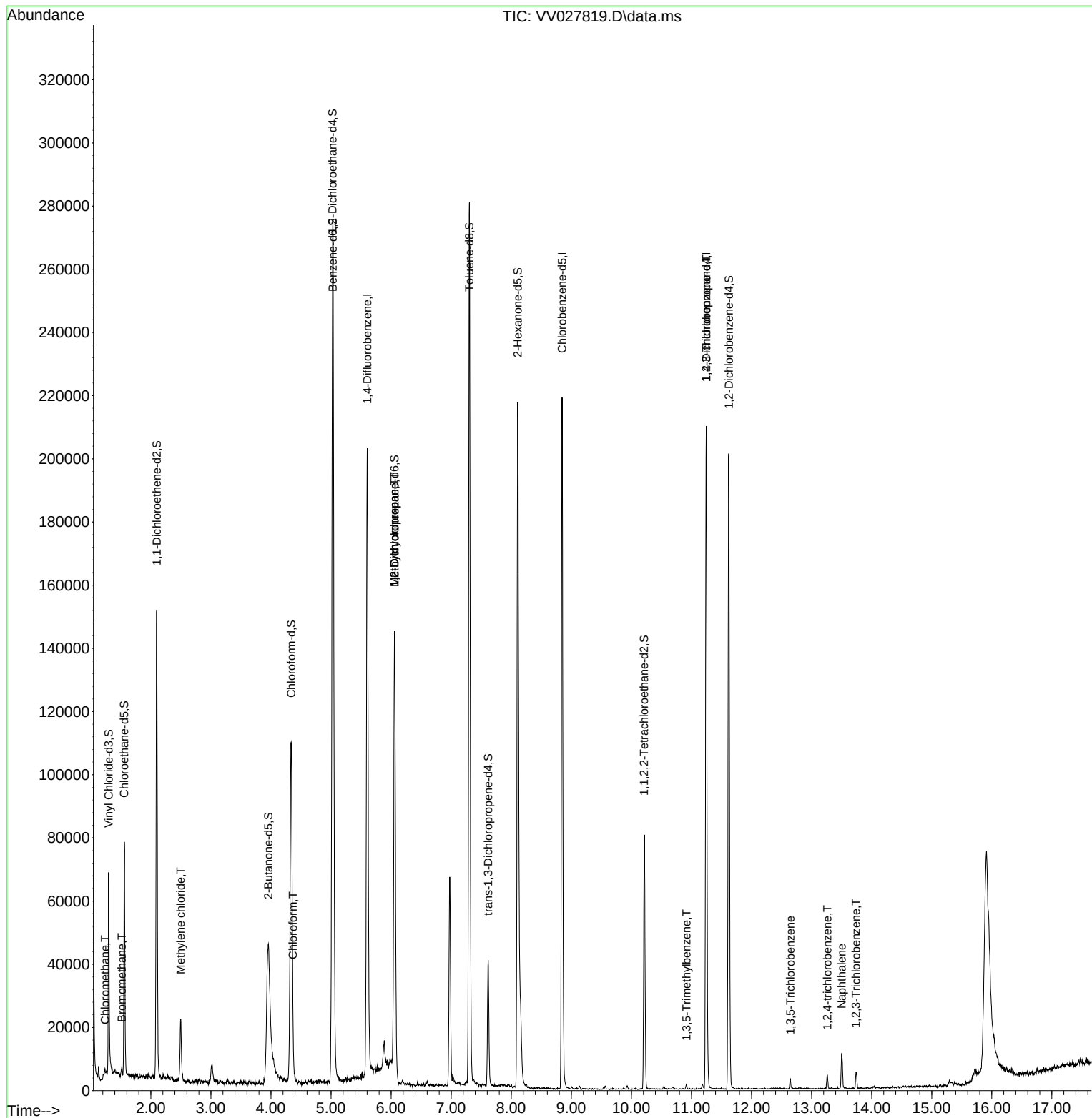
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	164262	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.847	117	123734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	45413	4.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.558	69	45699	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.098	63	78478	3.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.957	46	110133	45.896	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	4.336	84	108716	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.024	65	62963	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.030	84	218855	6.097	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
36) 1,2-Dichloropropane-d6	6.056	67	60236	5.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.304	98	184622	6.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.400%
43) trans-1,3-Dichloroprop...	7.616	79	21475	6.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.800%
46) 2-Hexanone-d5	8.107	63	70950	54.135	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35072	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	55031	5.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	849	0.058	ug/L	98
6) Bromomethane	1.516	94	812	0.102	ug/L	89
16) Methylene chloride	2.497	84	8185	0.584	ug/L	91
25) Chloroform	4.365	83	4086	0.171	ug/L	89
35) Methylcyclohexane	6.056	83	17171	1.093	ug/L #	18
37) 1,2-Dichloropropane	6.056	63	7932	0.818	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	5990	1.258	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.918	105	1075	0.101	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	1098	0.076	ug/L #	78
70) 1,2,4-trichlorobenzene	13.262	180	1646	0.144	ug/L	97
71) Naphthalene	13.503	128	10176	0.568	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	1921	0.189	ug/L	95

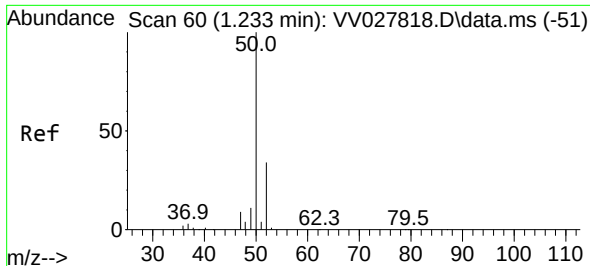
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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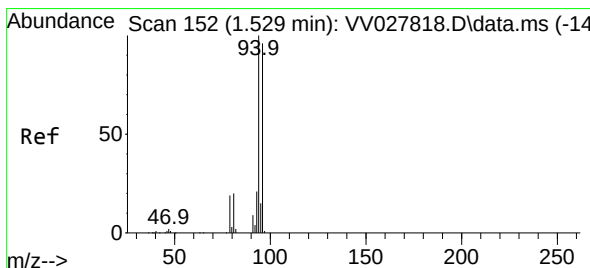
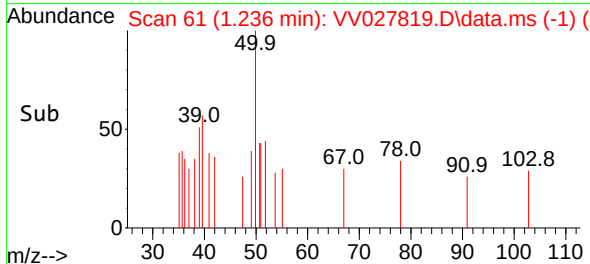
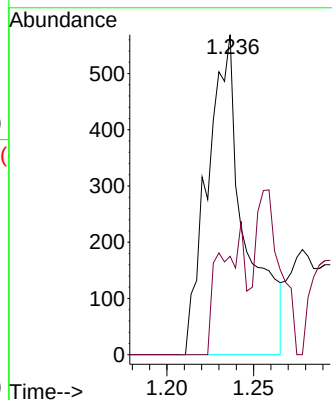
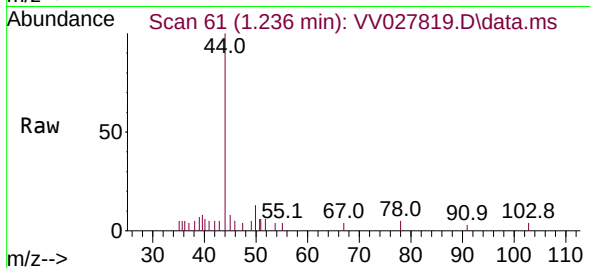




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

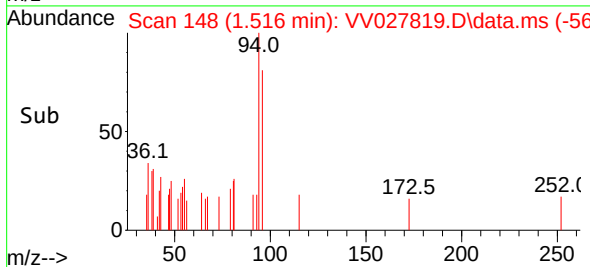
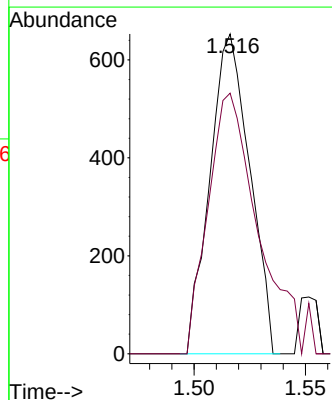
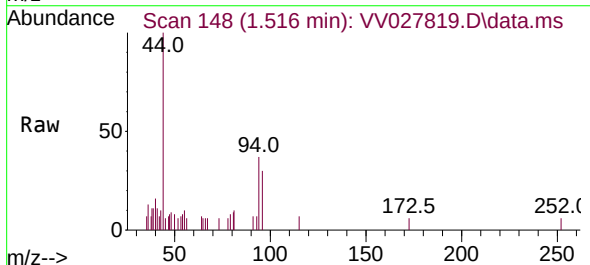
Instrument :
MSVOA_V
ClientSampleId :
VBLK228

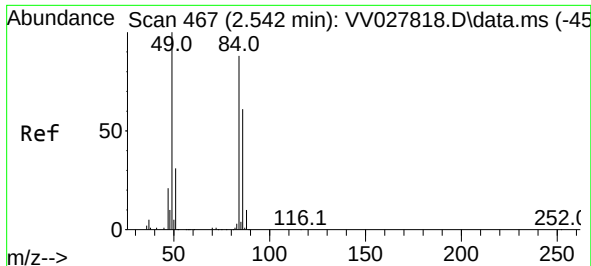
Tgt Ion: 50 Resp: 849
Ion Ratio Lower Upper
50 100
52 30.8 22.1 41.1



#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.003 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

Tgt Ion: 94 Resp: 812
Ion Ratio Lower Upper
94 100
96 81.5 64.2 119.2

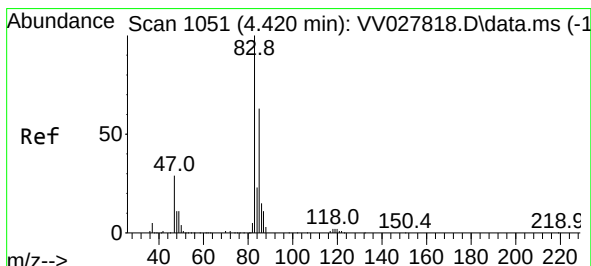
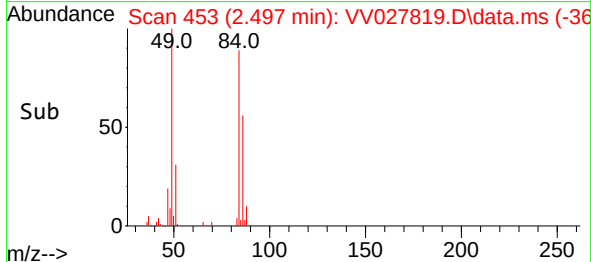
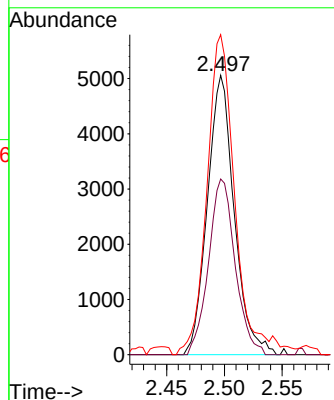
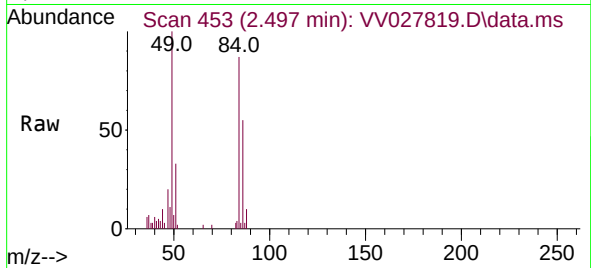




#16
Methylene chloride
Concen: 0.584 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

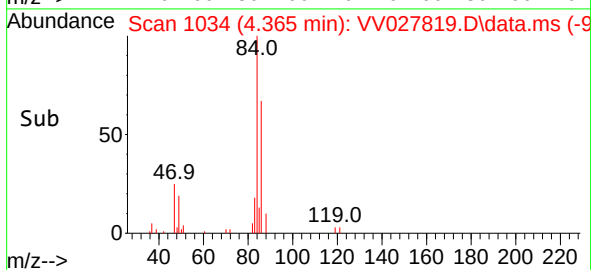
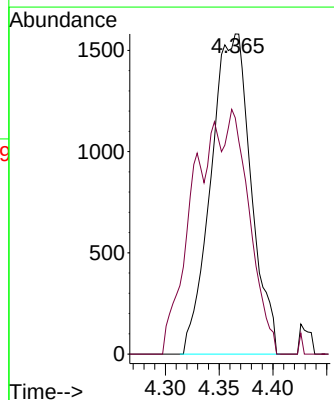
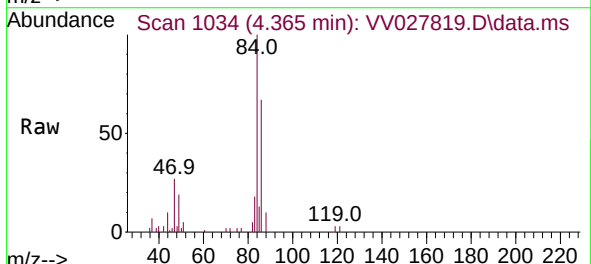
Instrument :
MSVOA_V
ClientSampleId :
VBLK228

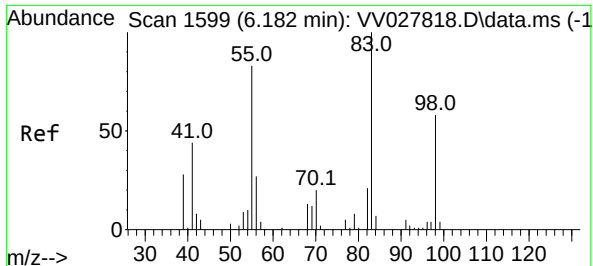
Tgt Ion: 84 Resp: 8185
Ion Ratio Lower Upper
84 100
86 62.9 44.9 83.3
49 114.6 90.1 167.3



#25
Chloroform
Concen: 0.171 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

Tgt Ion: 83 Resp: 4086
Ion Ratio Lower Upper
83 100
85 73.8 45.4 84.2





#35

Methylcyclohexane

Concen: 1.093 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.068 min

Lab File: VV027819.D

Acq: 14 Sep 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK228

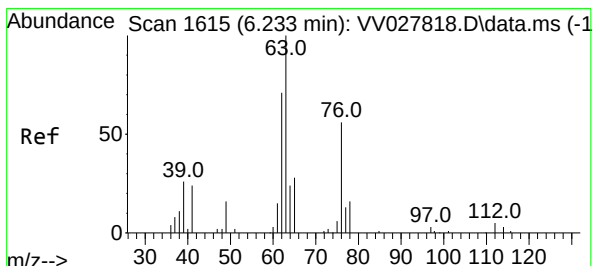
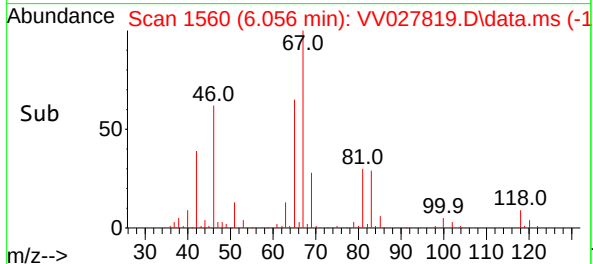
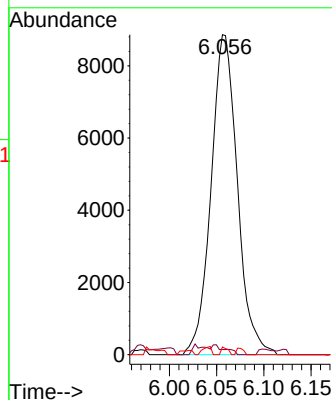
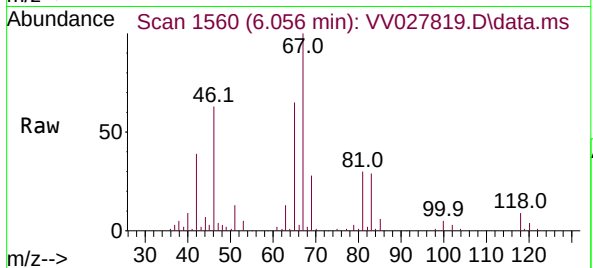
Tgt Ion: 83 Resp: 17171

Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.6 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.818 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.109 min

Lab File: VV027819.D

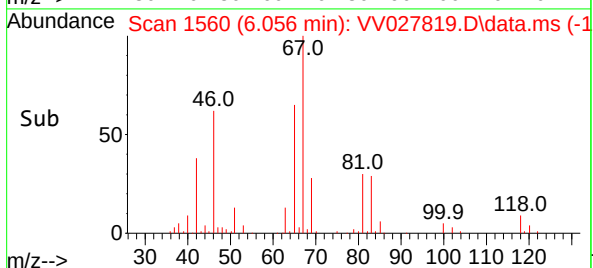
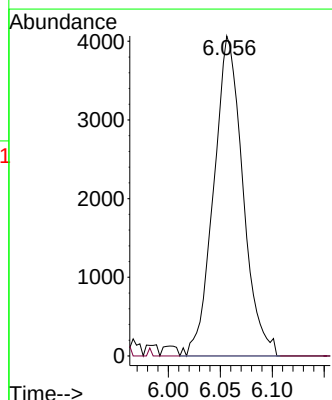
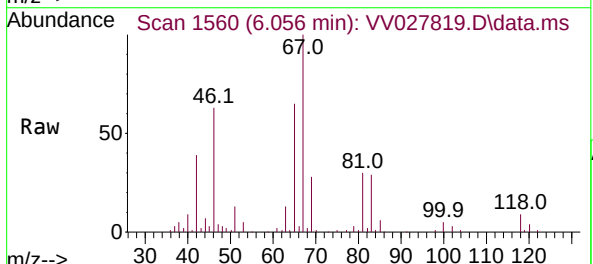
Acq: 14 Sep 2022 10:59

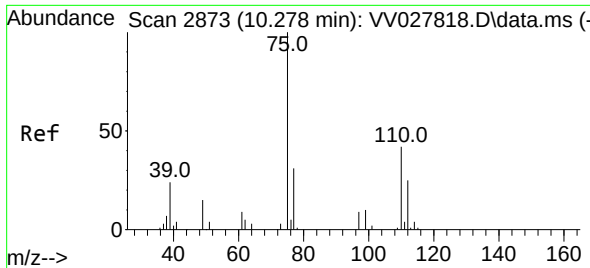
Tgt Ion: 63 Resp: 7932

Ion Ratio Lower Upper

63 100

112 0.3 4.0 6.0#

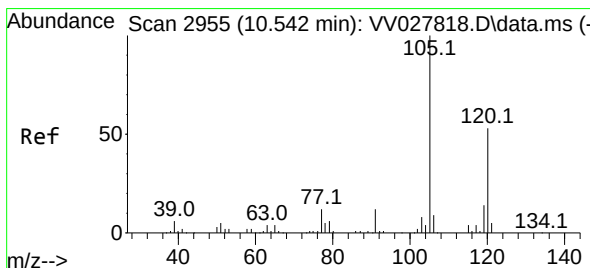
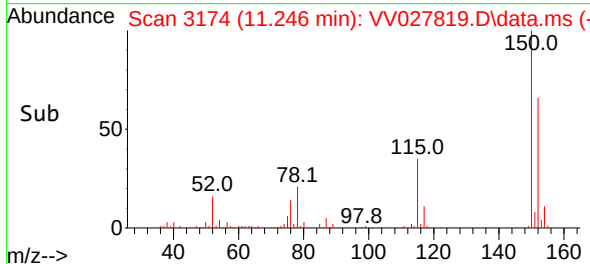
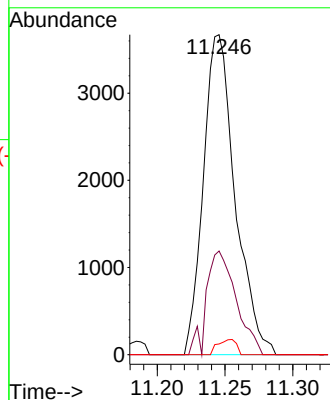
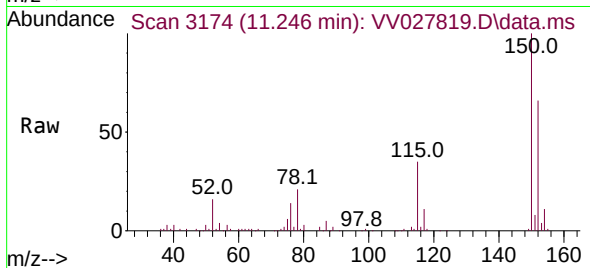




#61
1,2,3-Trichloropropane
Concen: 1.258 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

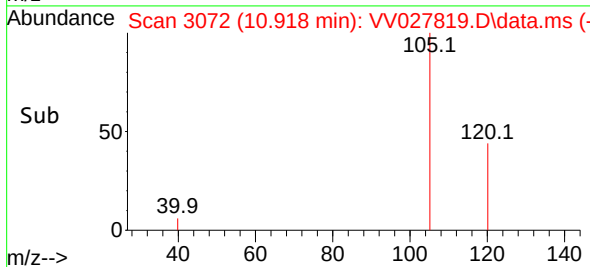
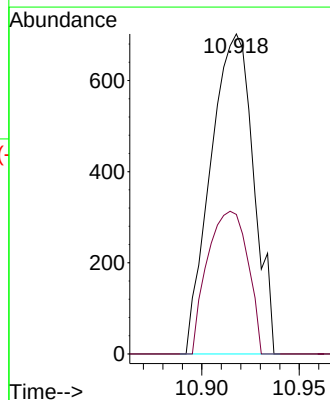
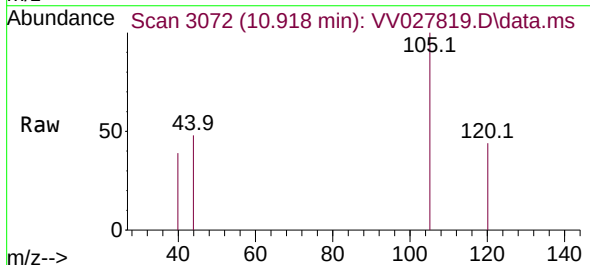
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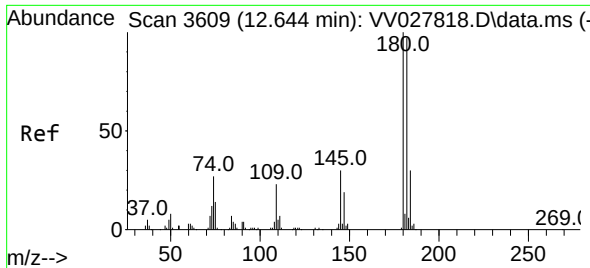
Tgt Ion: 75 Resp: 5990
Ion Ratio Lower Upper
75 100
77 30.2 27.6 41.4
110 2.8 35.6 53.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.101 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.382 min
Lab File: VV027819.D
Acq: 14 Sep 2022 10:59

Tgt Ion: 105 Resp: 1075
Ion Ratio Lower Upper
105 100
120 42.0 39.6 59.4

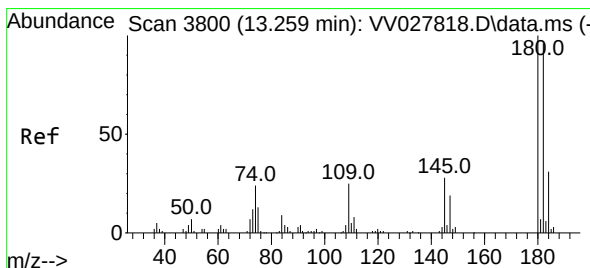
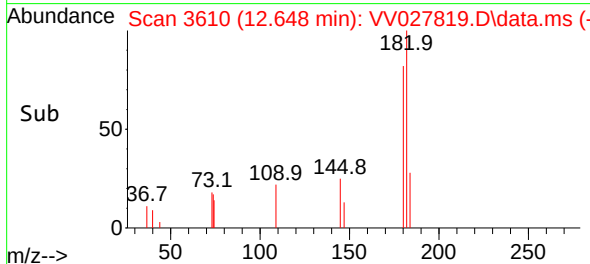
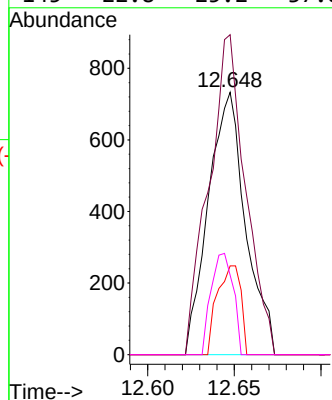
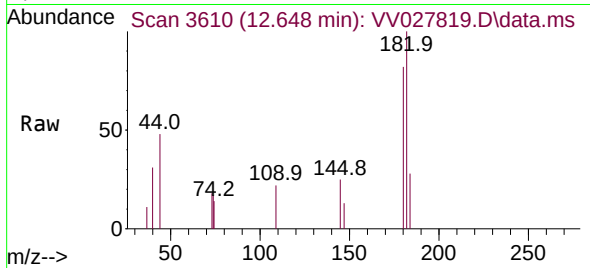




#69
 1,3,5-Trichlorobenzene
 Concen: 0.076 ug/L
 RT: 12.648 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV027819.D
 Acq: 14 Sep 2022 10:59

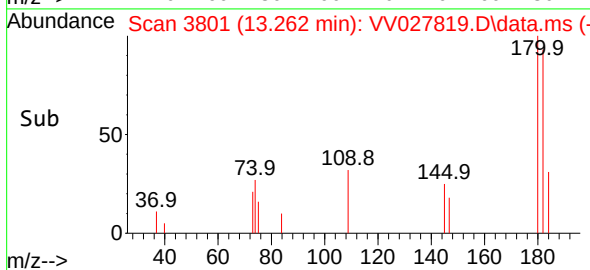
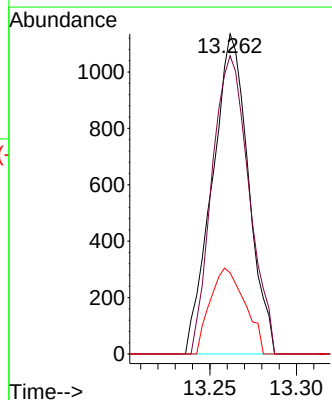
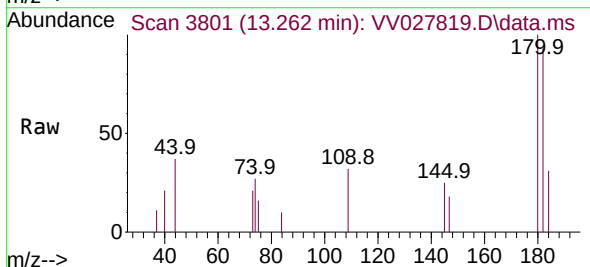
Instrument :
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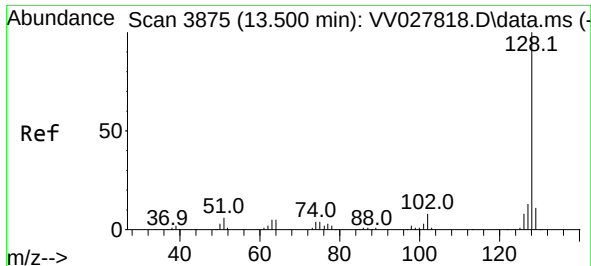
Tgt Ion:	180	Resp:	1098
Ion	Ratio	Lower	Upper
180	100		
182	119.6	75.8	113.8#
184	21.2	23.8	35.6#
145	22.8	25.2	37.8#



#70
 1,2,4-trichlorobenzene
 Concen: 0.144 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027819.D
 Acq: 14 Sep 2022 10:59

Tgt Ion:	180	Resp:	1646
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	25.8	24.6	37.0





#71
Naphthalene

Concen: 0.568 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027819.D

Acq: 14 Sep 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK228

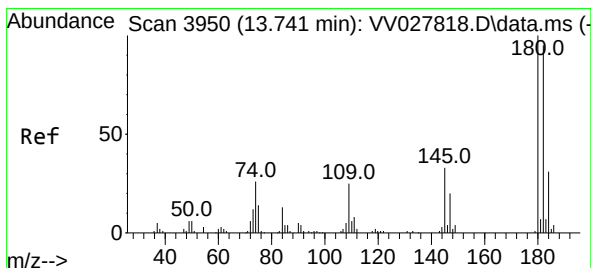
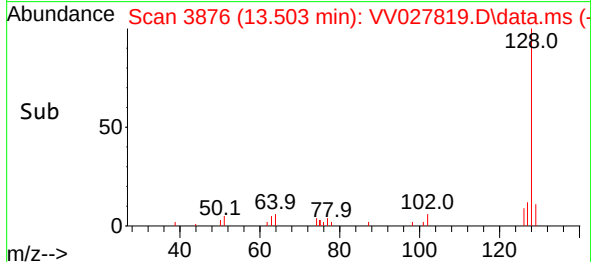
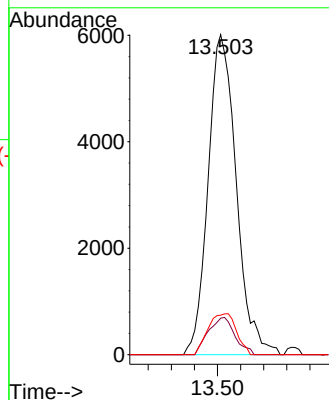
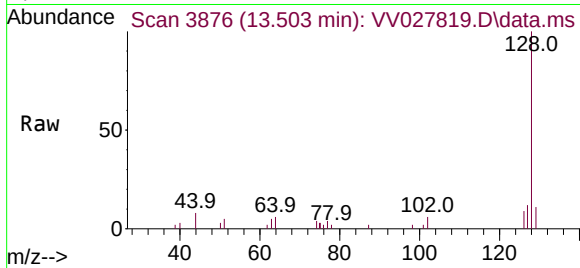
Tgt Ion:128 Resp: 10176

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

127 12.9 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.189 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027819.D

Acq: 14 Sep 2022 10:59

Tgt Ion:180 Resp: 1921

Ion Ratio Lower Upper

180 100

182 90.9 76.5 114.7

145 30.9 26.5 39.7

