

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027441.D
 Acq On : 19 Aug 2022 15:30
 Operator : SY/MD
 Sample : N4252-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E4

Quant Time: Aug 20 06:05:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

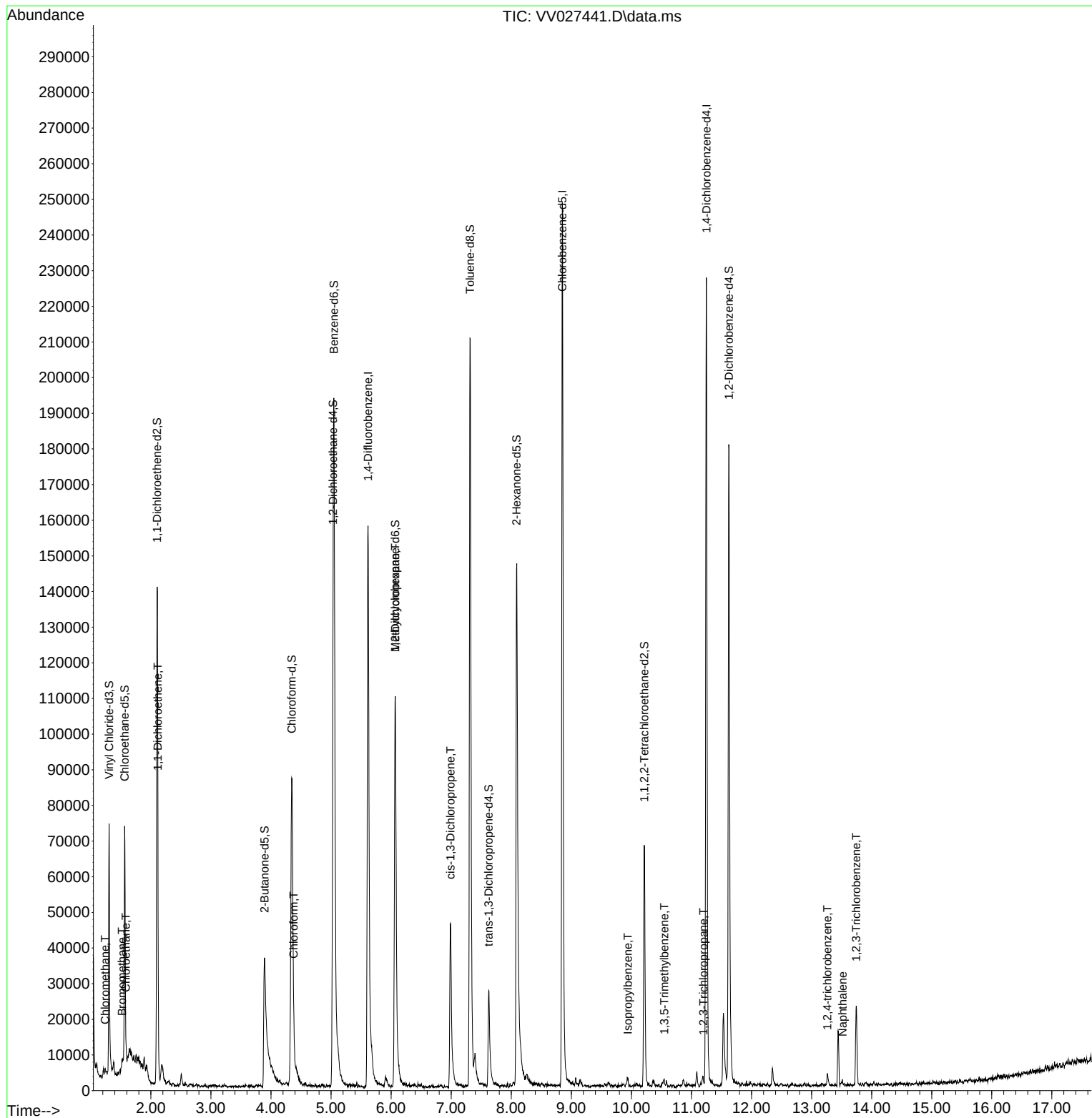
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47914	4.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.564	69	40973	5.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.105	63	76102	3.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.892	46	71809	57.357	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	4.346	84	90854	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	41750	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	182263	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.069	67	54447	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	147969	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.625	79	17051	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.088	63	51162	41.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32144	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46418	5.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	619	0.047	ug/L	87
6) Bromomethane	1.519	94	1150	0.176	ug/L	87
8) Chloroethane	1.584	64	681	0.088	ug/L	83
12) 1,1-Dichloroethene	2.117	96	912	0.085	ug/L #	1
25) Chloroform	4.378	83	1687	0.068	ug/L	89
35) Methylcyclohexane	6.069	83	13629	0.822	ug/L #	16
39) cis-1,3-Dichloropropene	6.989	75	1337	0.093	ug/L	96
60) Isopropylbenzene	9.940	105	1723	0.045	ug/L #	92
61) 1,2,3-Trichloropropane	11.197	75	362	0.071	ug/L #	10
62) 1,3,5-Trimethylbenzene	10.548	105	950	0.089	ug/L	90
70) 1,2,4-trichlorobenzene	13.265	180	994	0.097	ug/L #	53
71) Naphthalene	13.516	128	1249	0.088	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.744	180	6845	0.750	ug/L	95

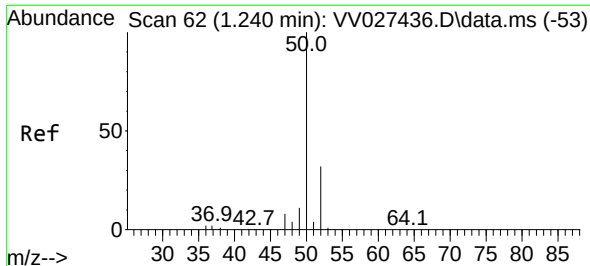
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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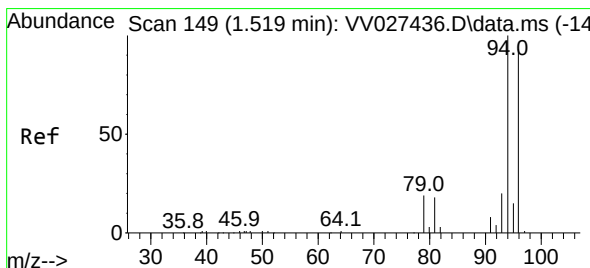
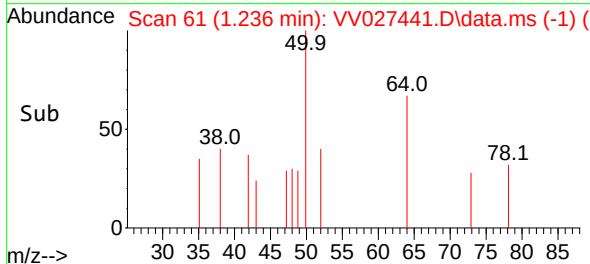
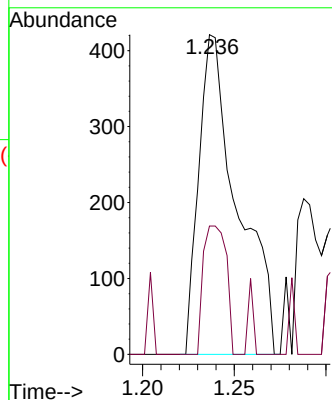
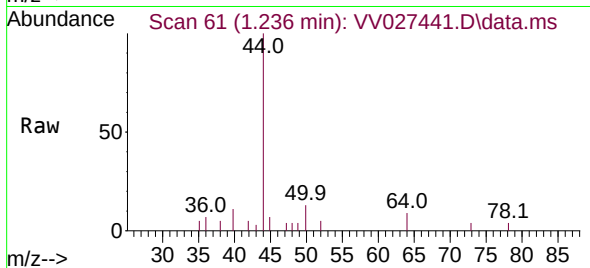




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

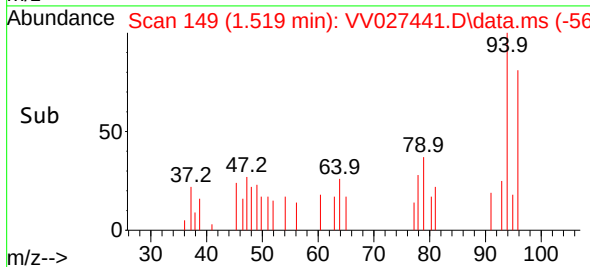
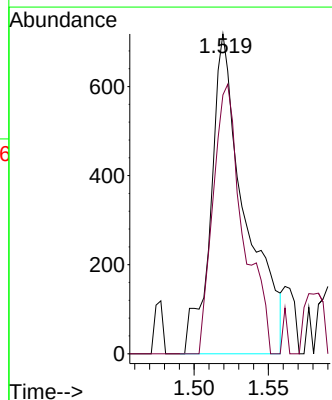
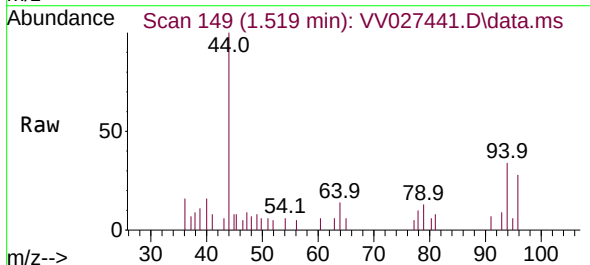
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MSVOA_V
ClientSampleId :
EX9E4

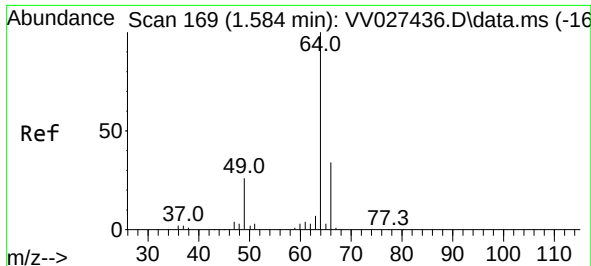
Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 40.1 22.8 42.4



#6
Bromomethane
Concen: 0.176 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 94 Resp: 1150
Ion Ratio Lower Upper
94 100
96 80.9 65.2 121.0

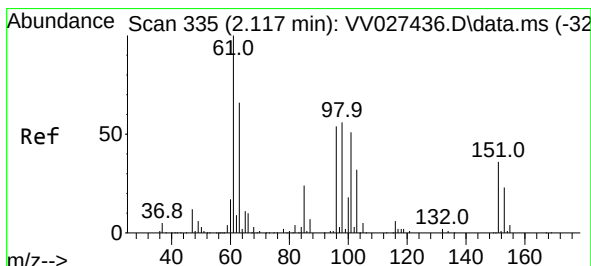
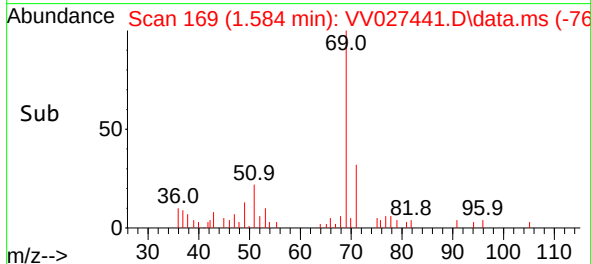
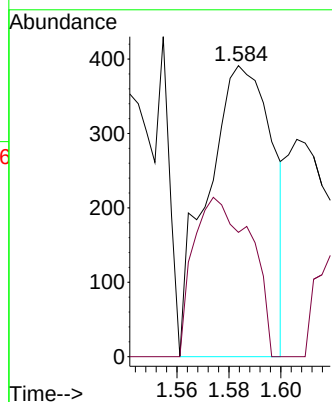
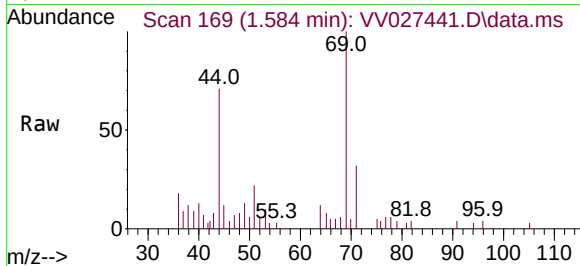




#8
Chloroethane
Concen: 0.088 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

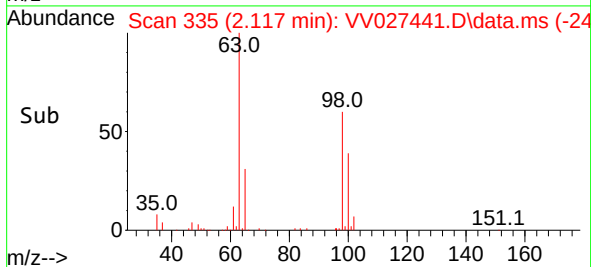
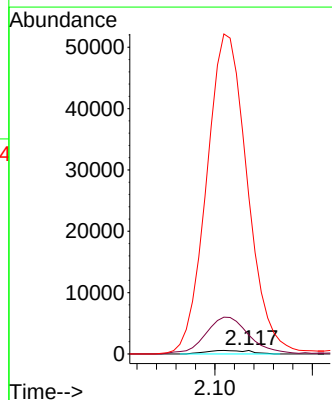
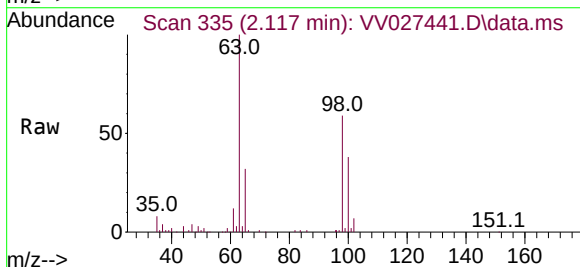
Instrument :
MSVOA_V
ClientSampleId :
EX9E4

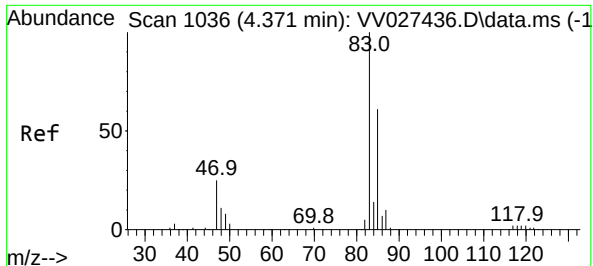
Tgt Ion: 64 Resp: 681
Ion Ratio Lower Upper
64 100
66 42.7 23.3 43.3



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 96 Resp: 912
Ion Ratio Lower Upper
96 100
61 534.1 130.2 241.8#
63 4443.7 87.4 162.4#





#25

Chloroform

Concen: 0.068 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027441.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

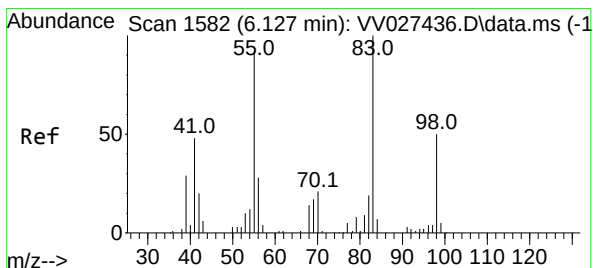
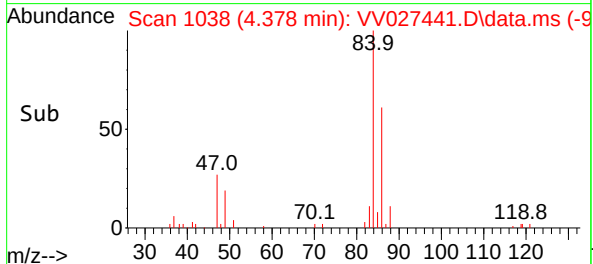
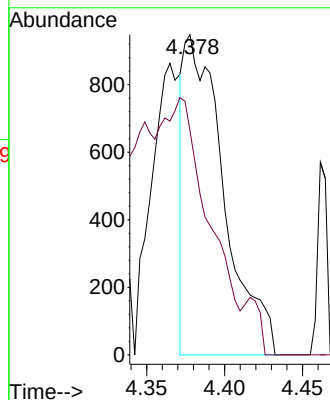
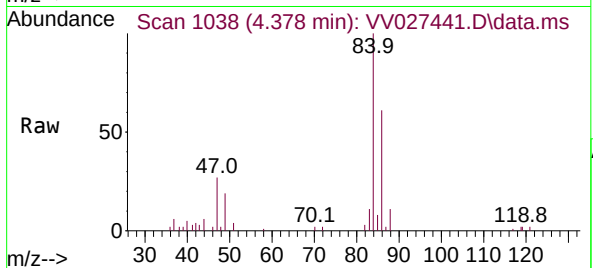
EX9E4

Tgt Ion: 83 Resp: 1687

Ion Ratio Lower Upper

83 100

85 70.0 43.3 80.5



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027441.D

Acq: 19 Aug 2022 15:30

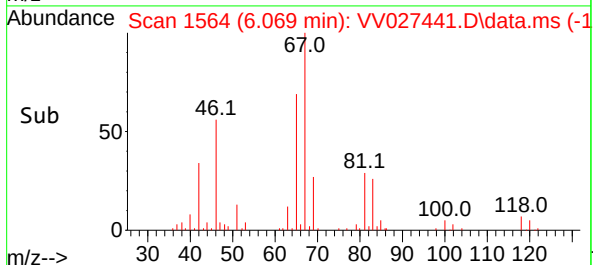
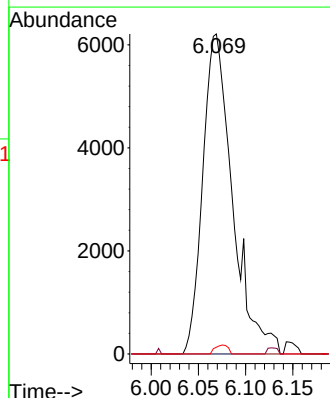
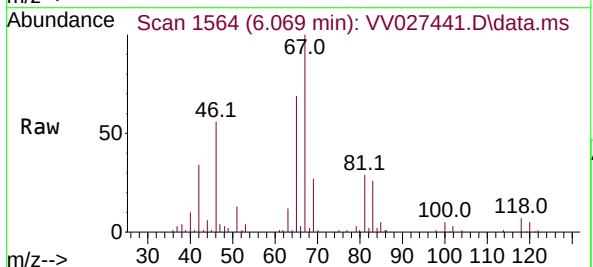
Tgt Ion: 83 Resp: 13629

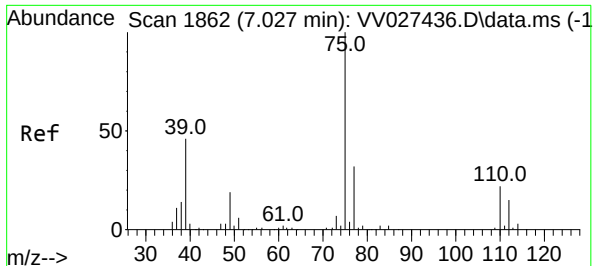
Ion Ratio Lower Upper

83 100

55 0.6 68.2 102.4#

98 1.2 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027441.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

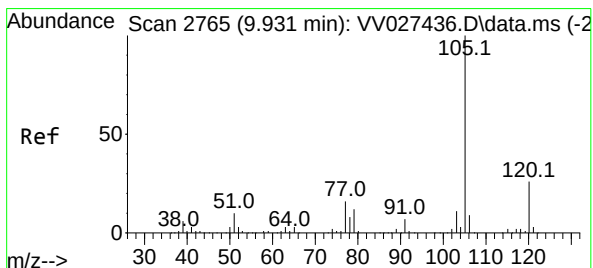
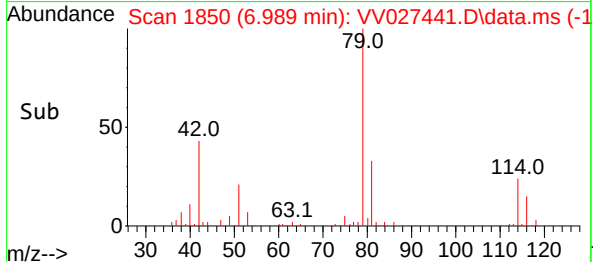
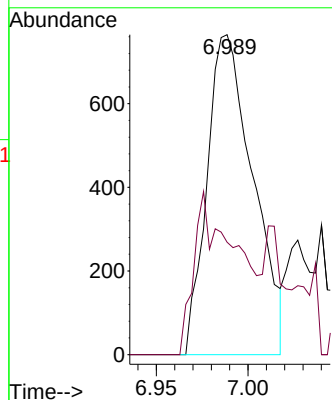
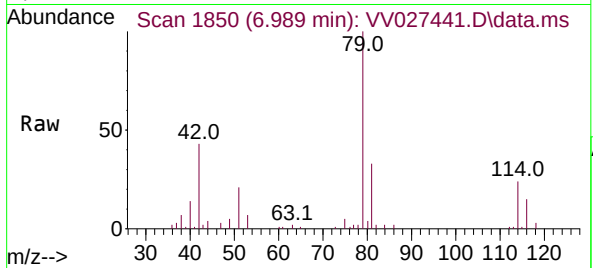
EX9E4

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 35.2 22.9 42.5



#60

Isopropylbenzene

Concen: 0.045 ug/L

RT: 9.940 min Scan# 2768

Delta R.T. 0.010 min

Lab File: VV027441.D

Acq: 19 Aug 2022 15:30

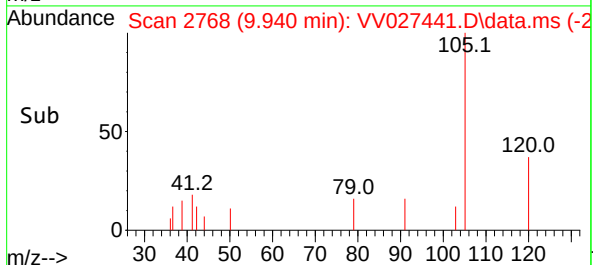
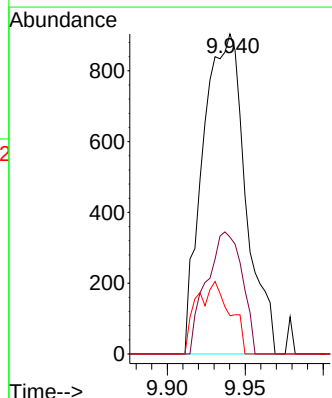
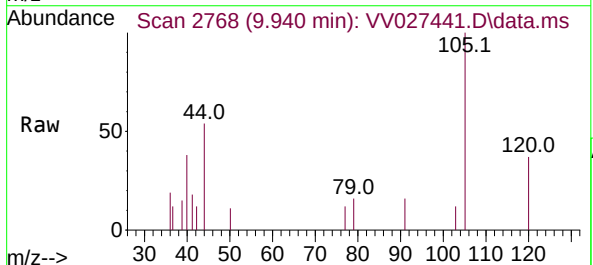
Tgt Ion: 105 Resp: 1723

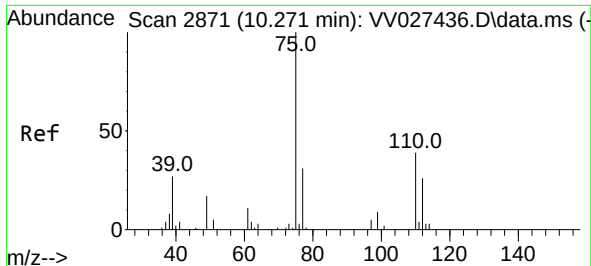
Ion Ratio Lower Upper

105 100

120 31.8 20.9 31.3#

77 17.8 13.0 19.6

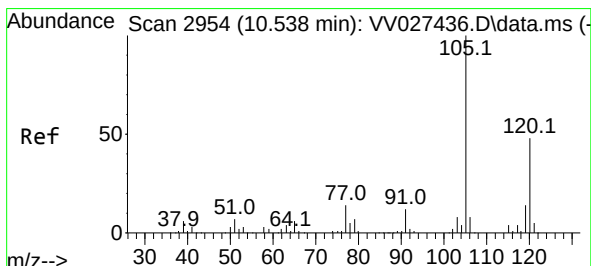
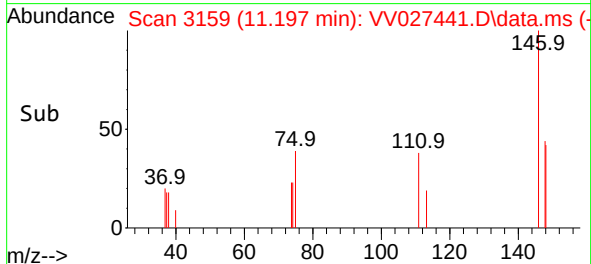
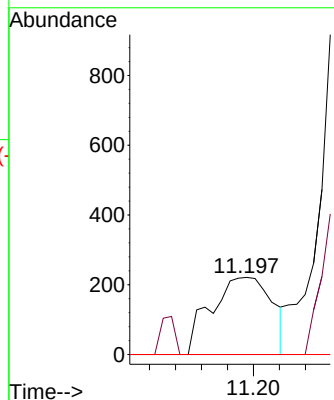
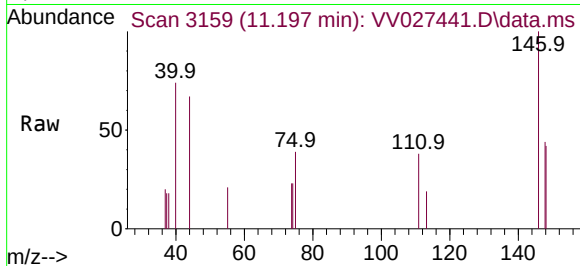




#61
1,2,3-Trichloropropane
Concen: 0.071 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.926 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

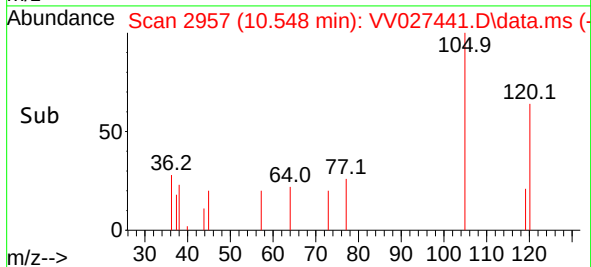
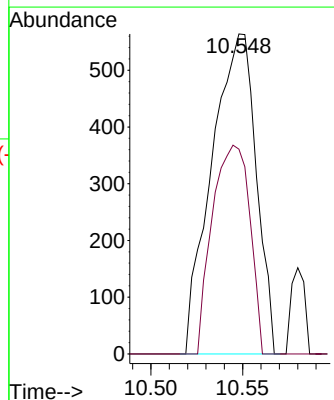
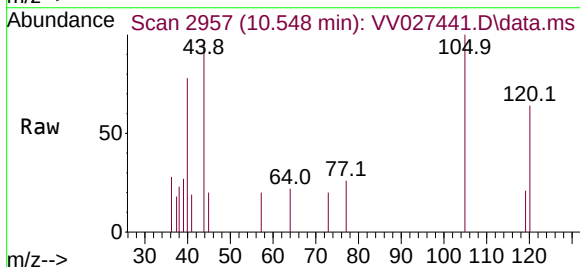
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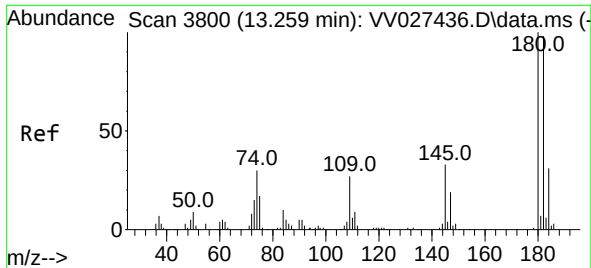
Tgt Ion: 75 Resp: 362
Ion Ratio Lower Upper
75 100
77 100.8 26.2 39.2#
110 0.0 29.9 44.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.089 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.010 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 105 Resp: 950
Ion Ratio Lower Upper
105 100
120 54.8 38.7 58.1

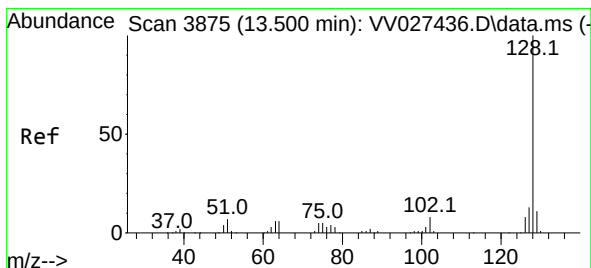
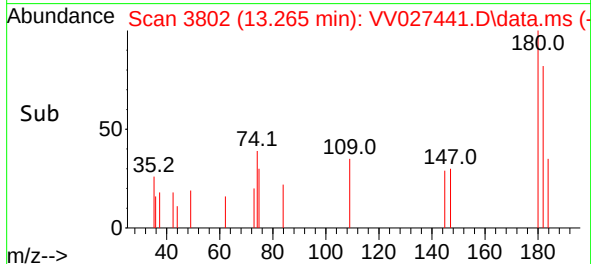
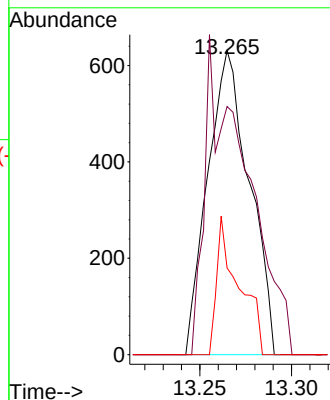
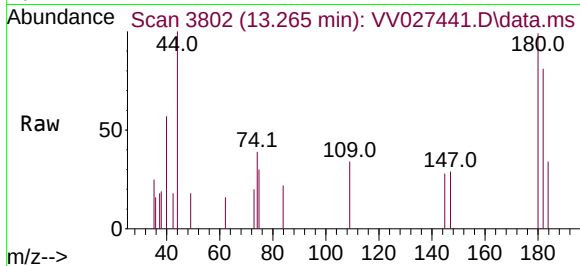




#70
1,2,4-trichlorobenzene
Concen: 0.097 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

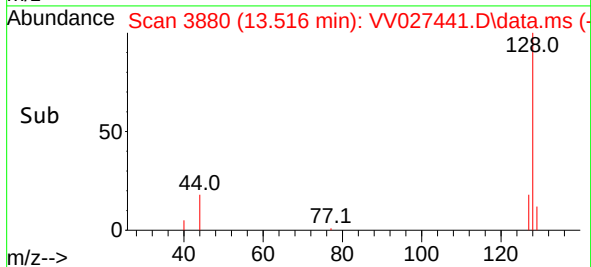
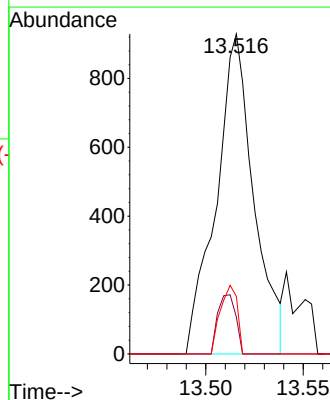
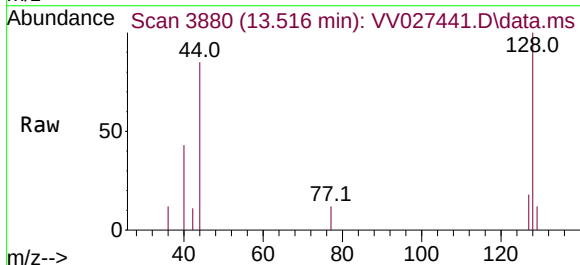
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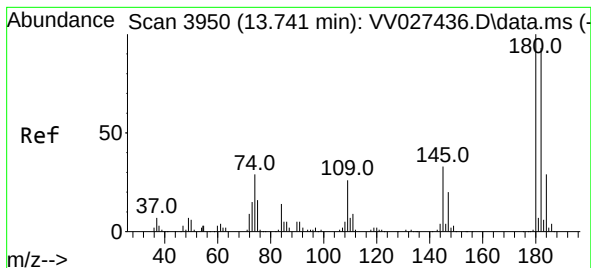
Tgt Ion:180 Resp: 994
Ion Ratio Lower Upper
180 100
182 38.6 76.0 114.0#
145 24.2 24.9 37.3#



#71
Naphthalene
Concen: 0.088 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV027441.D
Acq: 19 Aug 2022 15:30

Tgt Ion:128 Resp: 1249
Ion Ratio Lower Upper
128 100
129 8.7 8.7 13.1
127 9.6 10.4 15.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.750 ug/L

RT: 13.744 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV027441.D

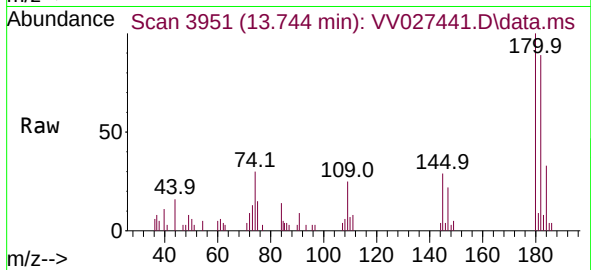
Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

EX9E4



Tgt Ion:180 Resp: 6845

Ion Ratio Lower Upper

180 100

182 89.2 75.3 112.9

145 29.7 26.6 39.8

