

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027856.D
 Acq On : 15 Sep 2022 15:26
 Operator : SY/MD
 Sample : N4652-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ15

Quant Time: Sep 16 01:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

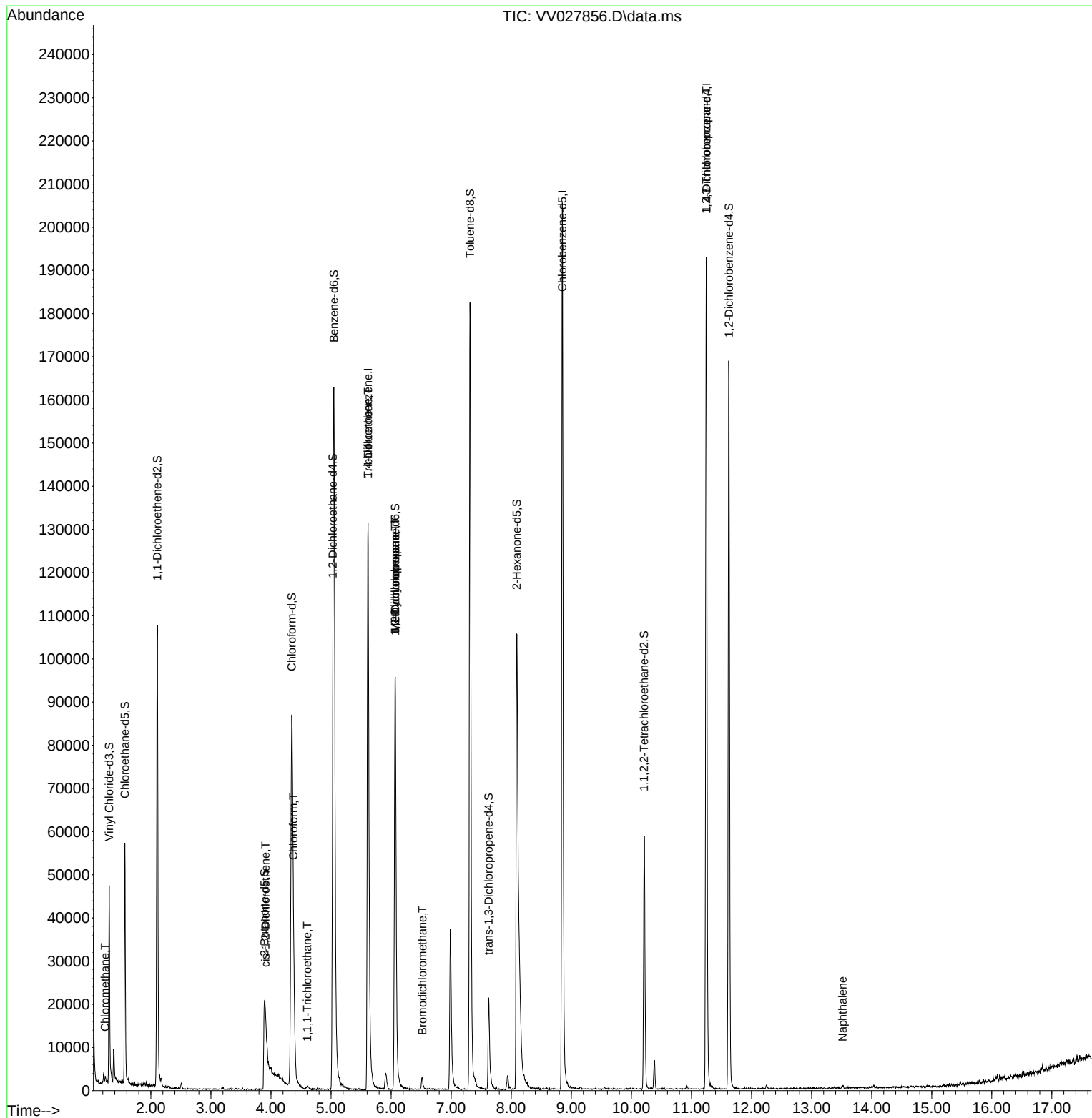
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120162	5.000	ug/L	# 0.03
28) Chlorobenzene-d5	8.850	117	119883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32106	4.053	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.568	69	34499	5.134	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.108	63	56427	3.357	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.200%	
20) 2-Butanone-d5	3.892	46	43163	24.589	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	49.180%	
24) Chloroform-d	4.346	84	87844	5.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.400%	
26) 1,2-Dichloroethane-d4	5.031	65	41297	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.047	84	157337	4.524	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.066	67	44520	4.372	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.313	98	130083	4.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.622	79	14392	4.213	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.091	63	48593	38.268	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27274	4.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47874	5.073	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1221	0.114	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	477	0.052	ug/L #	96
25) Chloroform	4.375	83	23894	1.365	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	804	0.044	ug/L #	54
34) Trichloroethene	5.616	95	3466	0.350	ug/L #	5
35) Methylcyclohexane	6.069	83	11750	0.772	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5777	0.615	ug/L #	85
38) Bromodichloromethane	6.522	83	2167	0.174	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	5437	1.195	ug/L #	63
71) Naphthalene	13.519	128	963	0.056	ug/L #	85

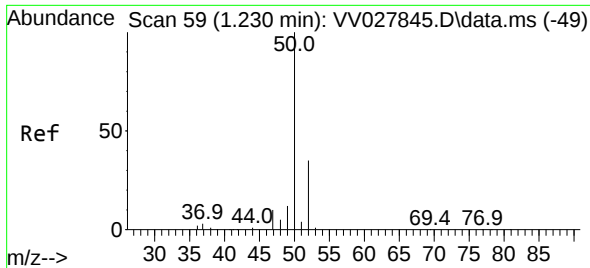
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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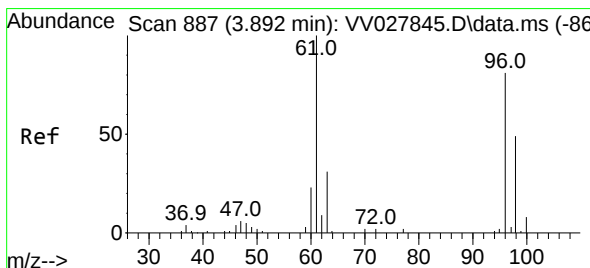
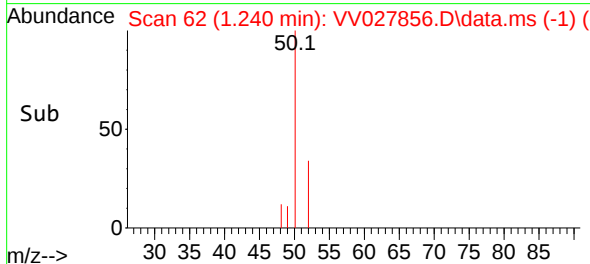
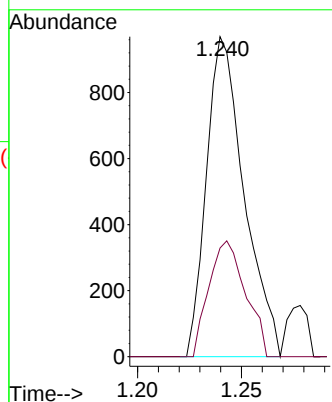
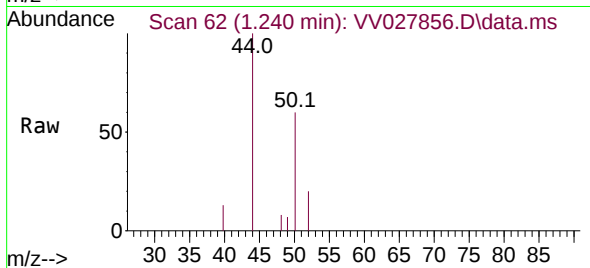




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027856.D
Acq: 15 Sep 2022 15:26

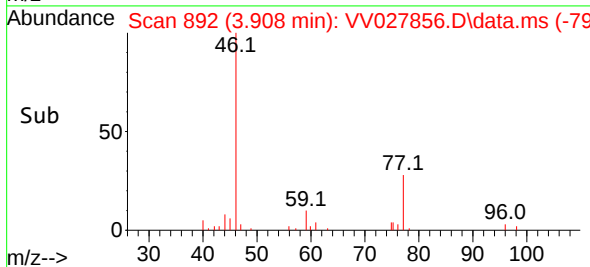
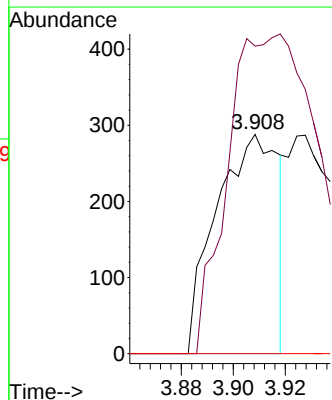
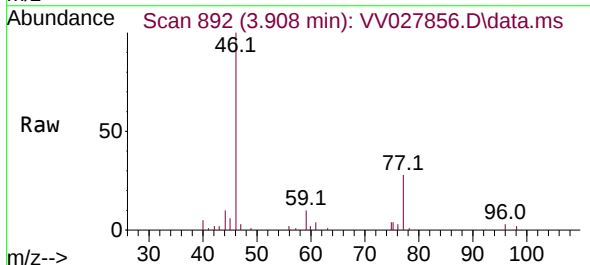
Instrument :
MSVOA_V
ClientSampleId :
EXZ15

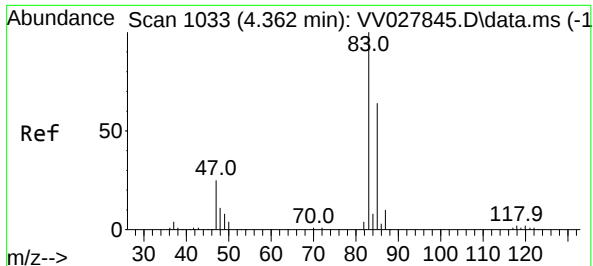
Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 34.0 22.1 41.1



#22
cis-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.016 min
Lab File: VV027856.D
Acq: 15 Sep 2022 15:26

Tgt Ion: 96 Resp: 477
Ion Ratio Lower Upper
96 100
61 140.3 94.6 175.6
68 0.0 0.3 0.5





#25

Chloroform

Concen: 1.365 ug/L

RT: 4.375 min Scan# 1108

Delta R.T. 0.013 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

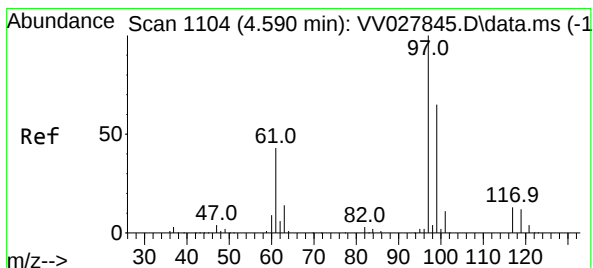
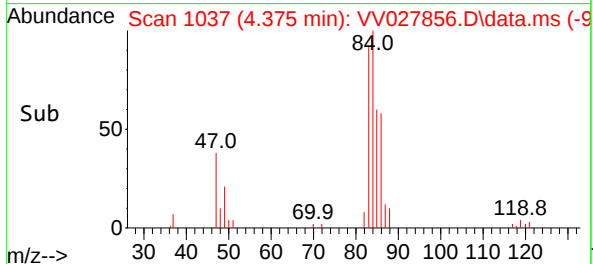
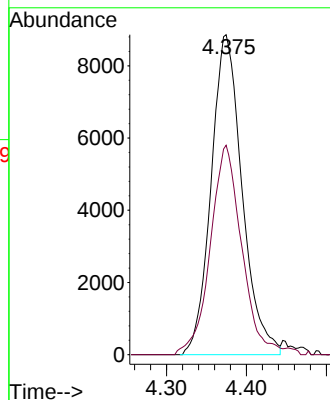
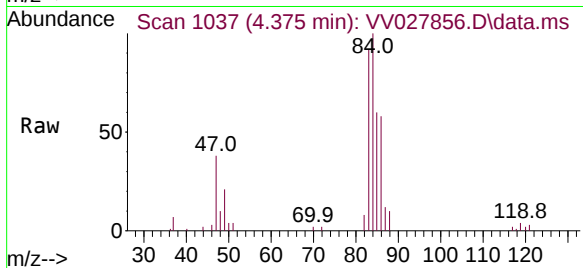
EXZ15

Tgt Ion: 83 Resp: 23894

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.2



#29

1,1,1-Trichloroethane

Concen: 0.044 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.013 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

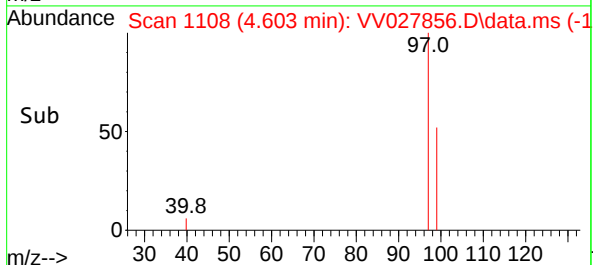
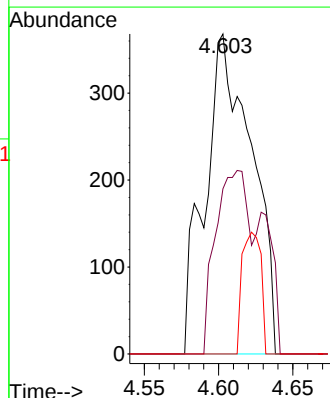
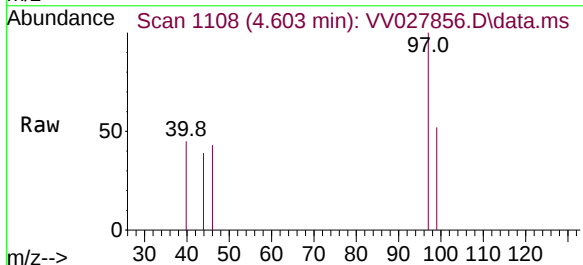
Tgt Ion: 97 Resp: 804

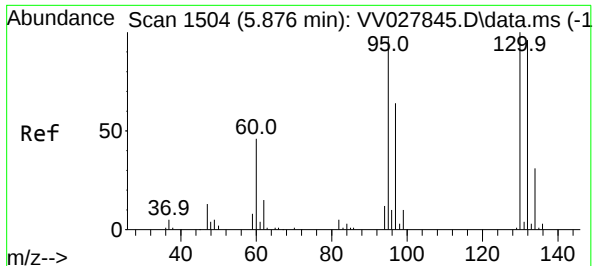
Ion Ratio Lower Upper

97 100

99 40.5 50.8 76.2#

61 0.0 36.2 54.4#





#34

Trichloroethene

Concen: 0.350 ug/L

RT: 5.616 min Scan# 14

Delta R.T. -0.260 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

EXZ15

Tgt Ion: 95 Resp: 3466

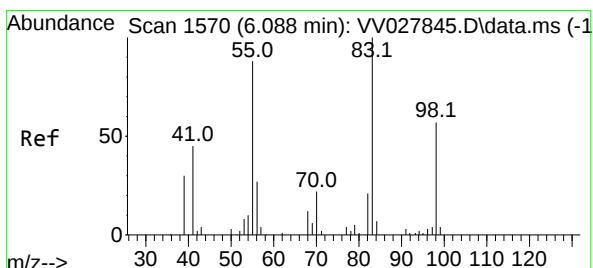
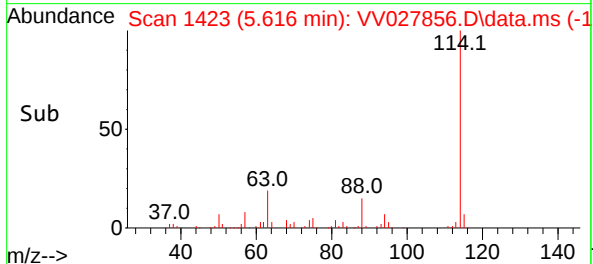
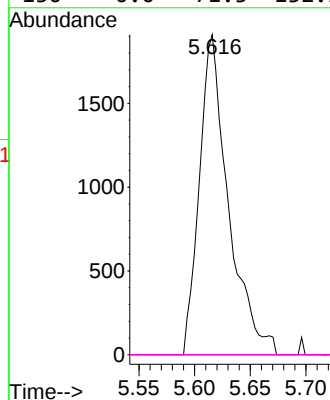
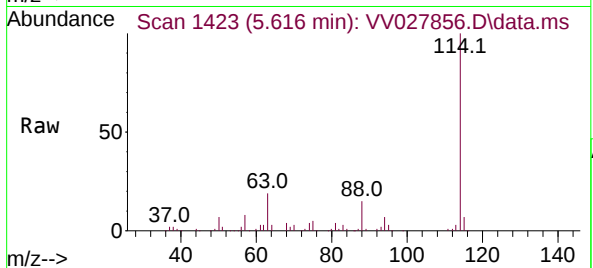
Ion Ratio Lower Upper

95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#



#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

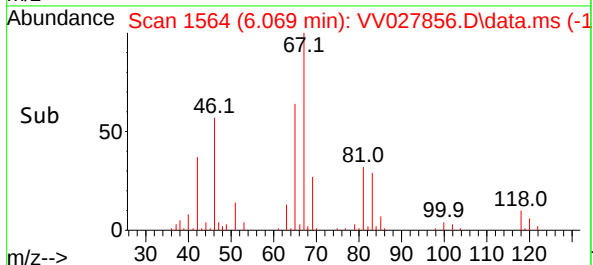
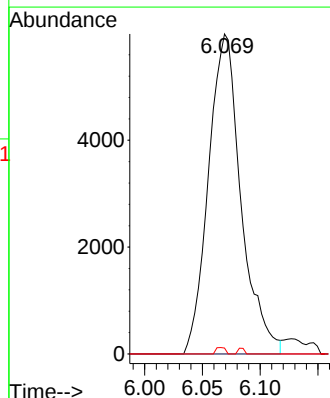
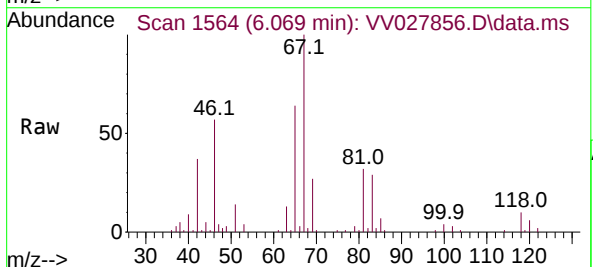
Tgt Ion: 83 Resp: 11750

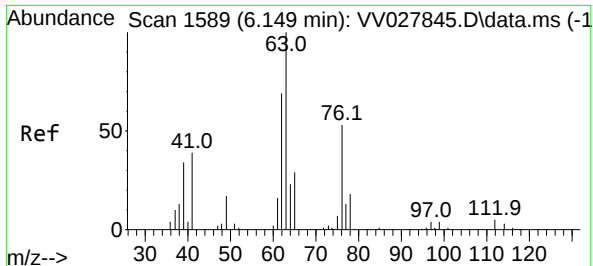
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.6 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

Instrument :

MSVOA_V

ClientSampleId :

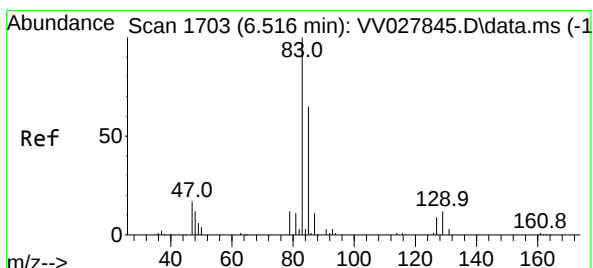
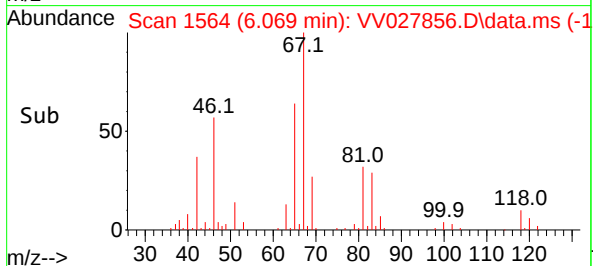
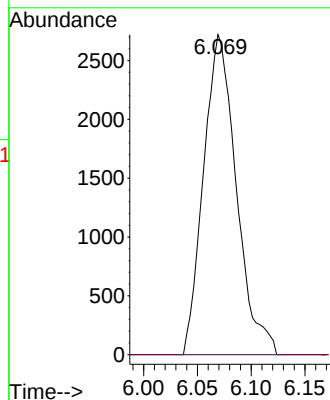
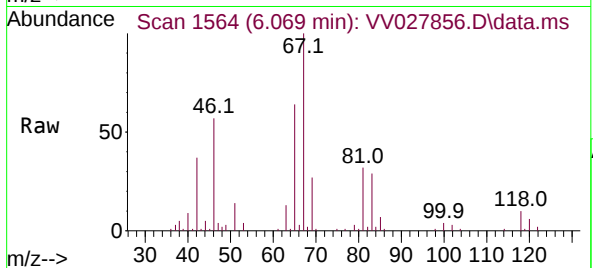
EXZ15

Tgt Ion: 63 Resp: 5777

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.174 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VV027856.D

Acq: 15 Sep 2022 15:26

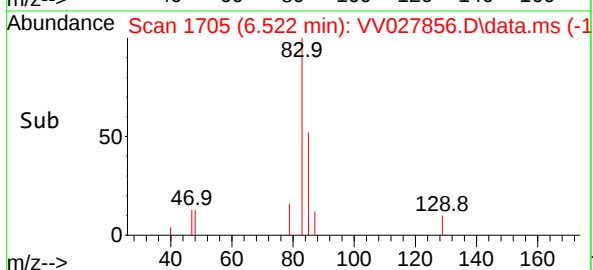
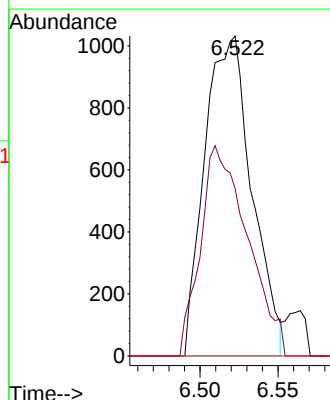
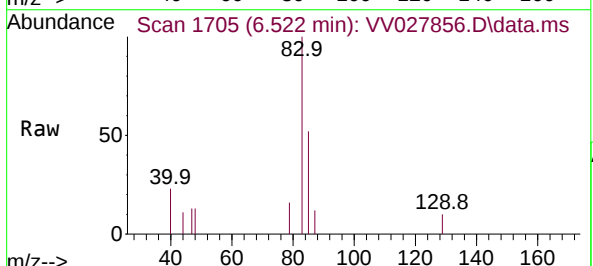
Tgt Ion: 83 Resp: 2167

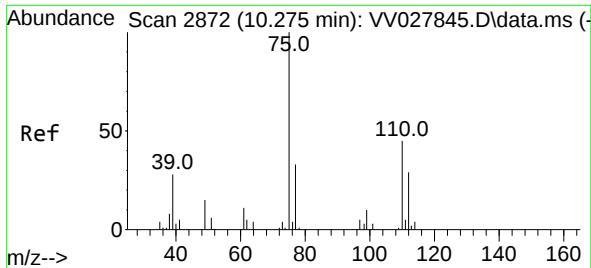
Ion Ratio Lower Upper

83 100

85 52.3 43.3 80.3

127 0.0 7.1 10.7#

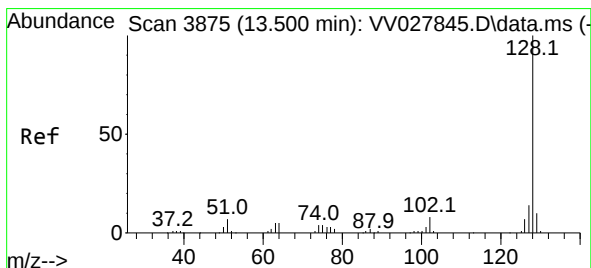
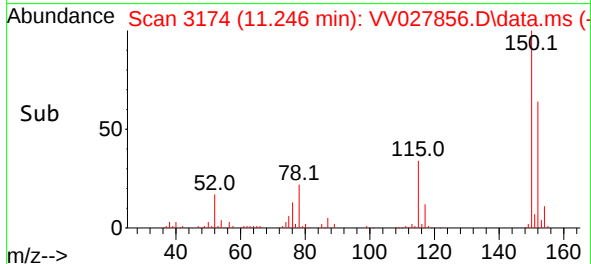
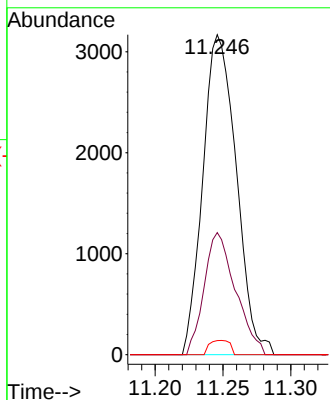
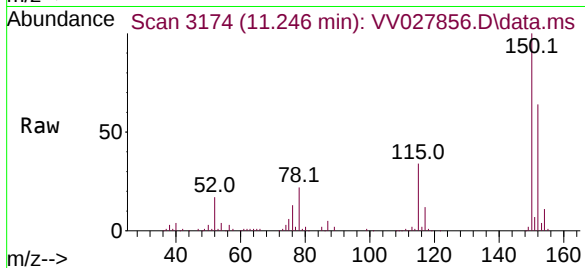




#61
1,2,3-Trichloropropane
Concen: 1.195 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV027856.D
Acq: 15 Sep 2022 15:26

Instrument :
MSVOA_V
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EXZ15

Tgt Ion: 75 Resp: 5437
Ion Ratio Lower Upper
75 100
77 35.8 27.6 41.4
110 2.7 35.6 53.4#



#71
Naphthalene
Concen: 0.056 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.019 min
Lab File: VV027856.D
Acq: 15 Sep 2022 15:26

Tgt Ion: 128 Resp: 963
Ion Ratio Lower Upper
128 100
129 2.2 9.2 13.8#
127 10.6 10.6 16.0#

