

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027389.D
 Acq On : 15 Aug 2022 14:56
 Operator : SY/MD
 Sample : N4096-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:37:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

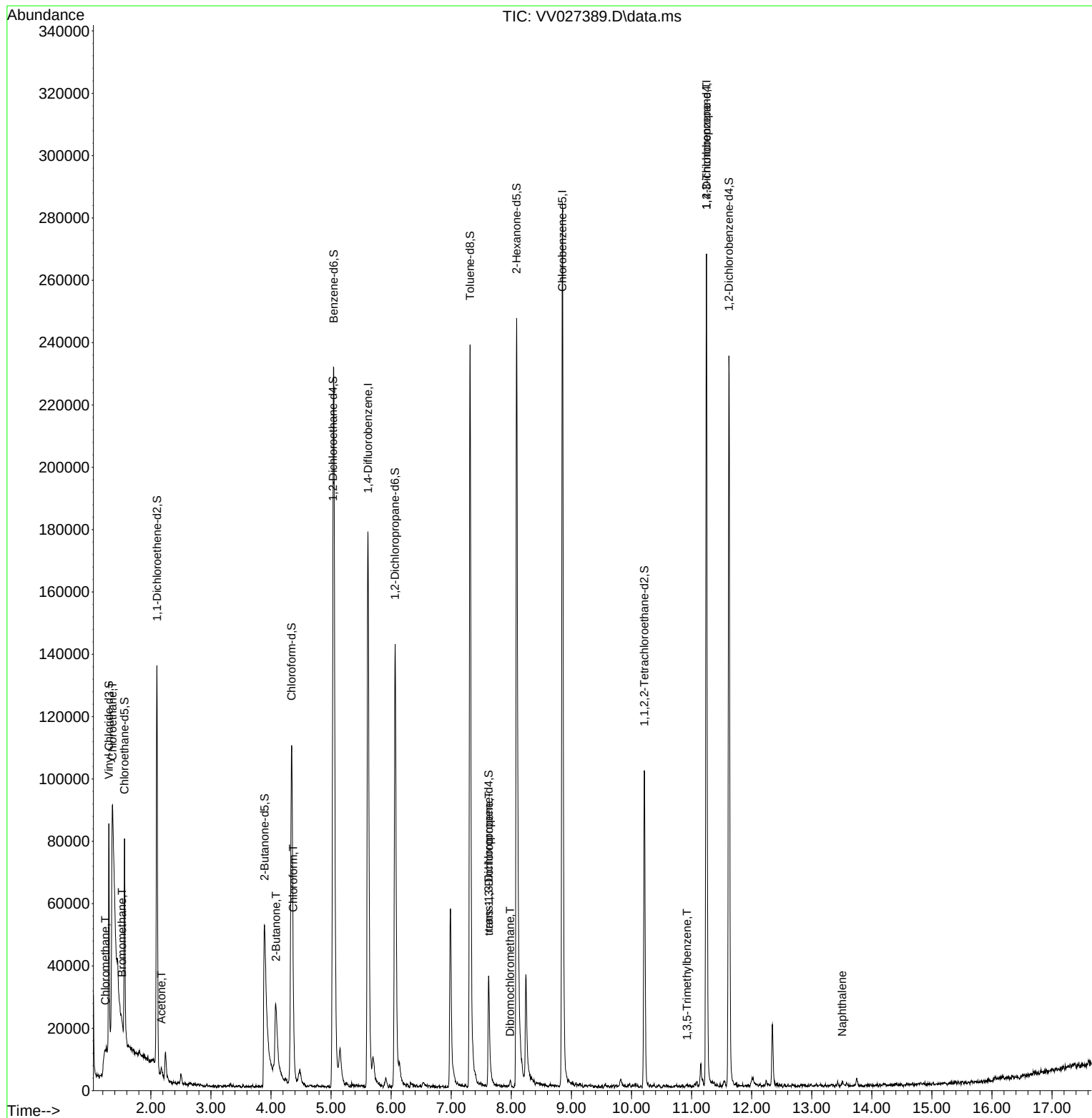
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	146873	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49296	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	40312	4.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.101	63	69212	2.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.892	46	113648	52.589	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	4.342	84	113993	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.030	65	56004	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	202997	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.066	67	66702	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.313	98	163971	3.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.622	79	21703	4.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.088	63	87941	45.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48099	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59445	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	760	0.044	ug/L	99
6) Bromomethane	1.519	94	503	0.066	ug/L	77
8) Chloroethane	1.362	64	216407	23.902	ug/L #	52
13) Acetone	2.175	43	6229	3.901	ug/L	92
21) 2-Butanone	4.082	43	44680	20.548	ug/L #	49
25) Chloroform	4.368	83	2926	0.114	ug/L	83
44) trans-1,3-Dichloropropene	7.625	75	1082	0.075	ug/L	85
49) Dibromochloromethane	7.979	129	440	0.039	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	8805	1.391	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.924	105	427	0.037	ug/L	90
71) Naphthalene	13.506	128	1160	0.067	ug/L #	77

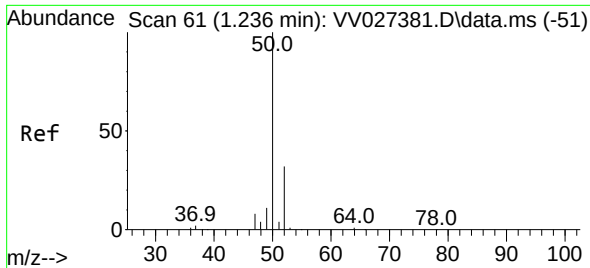
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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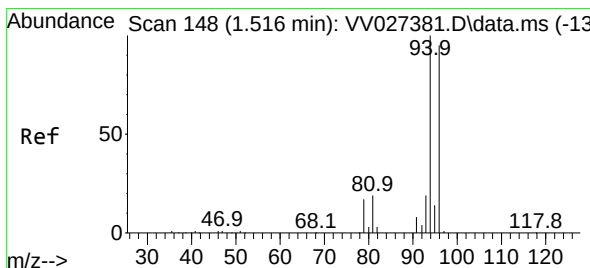
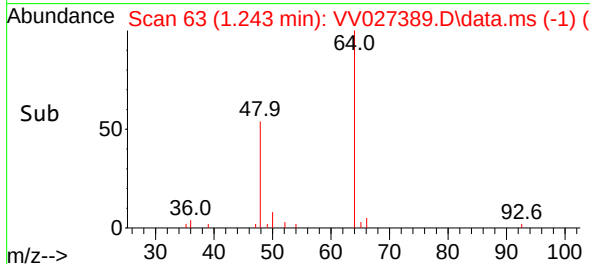
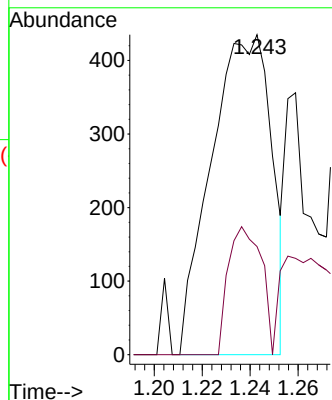
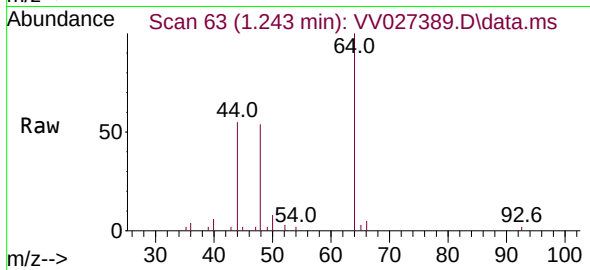




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

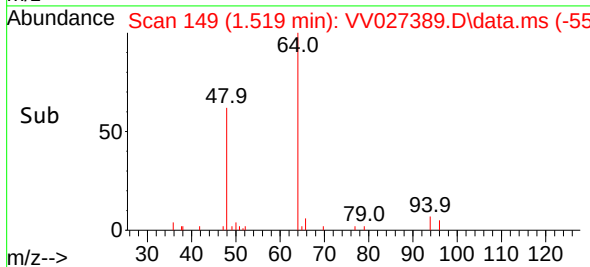
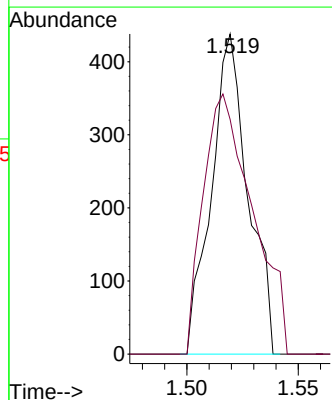
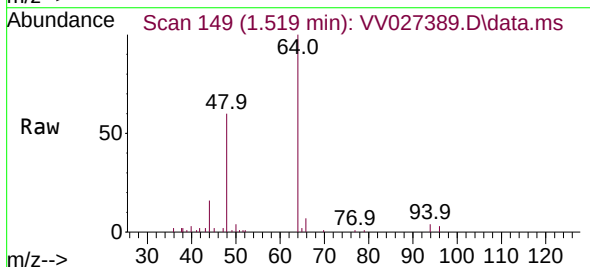
Instrument :
MSVOA_V
ClientSampleId :

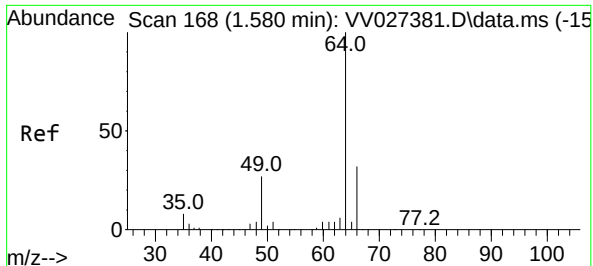
Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.4



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 73.3 67.2 124.8

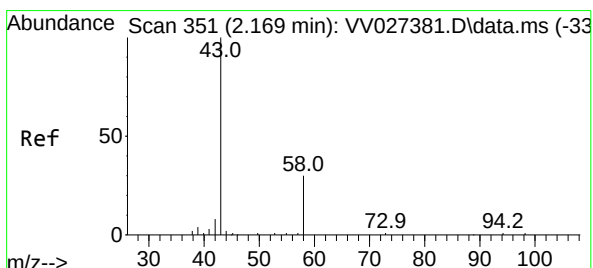
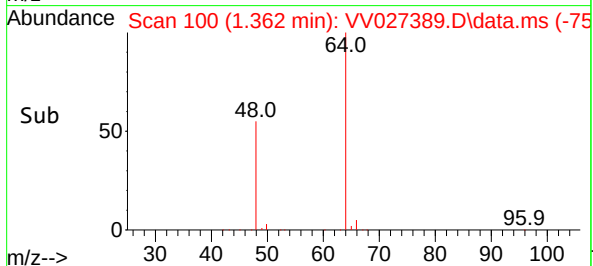
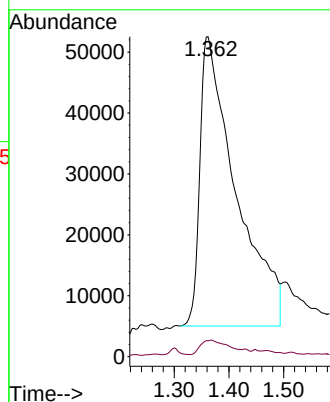
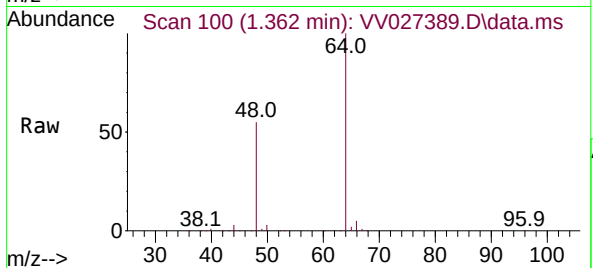




#8
Chloroethane
Concen: 23.902 ug/L
RT: 1.362 min Scan# 100
Delta R.T. -0.219 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

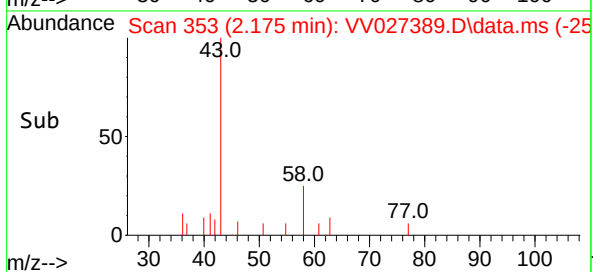
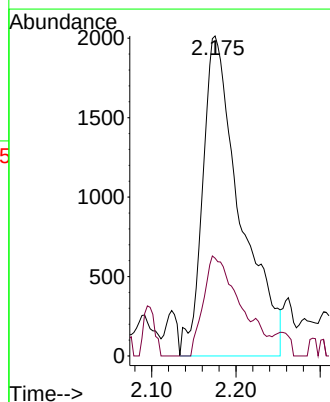
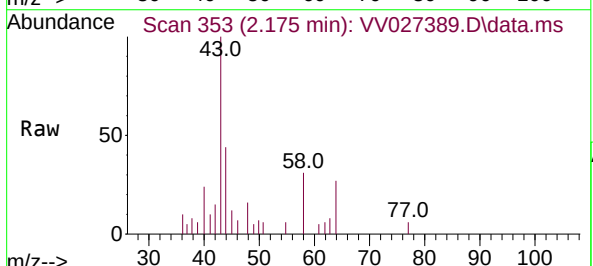
Instrument :
MSVOA_V
ClientSampleId :

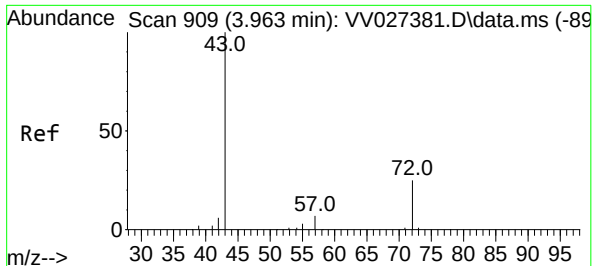
Tgt Ion: 64 Resp: 216407
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.5#



#13
Acetone
Concen: 3.901 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.006 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

Tgt Ion: 43 Resp: 6229
Ion Ratio Lower Upper
43 100
58 27.0 0.0 63.2





#21

2-Butanone

Concen: 20.548 ug/L

RT: 4.082 min Scan# 946

Delta R.T. 0.119 min

Lab File: VV027389.D

Acq: 15 Aug 2022 14:56

Instrument :

MSVOA_V

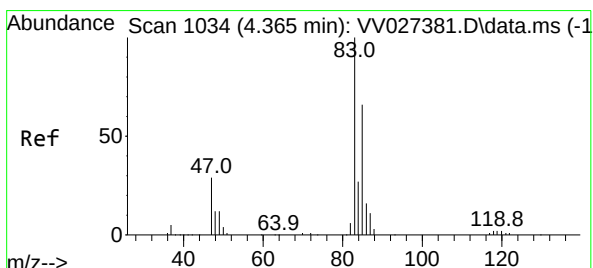
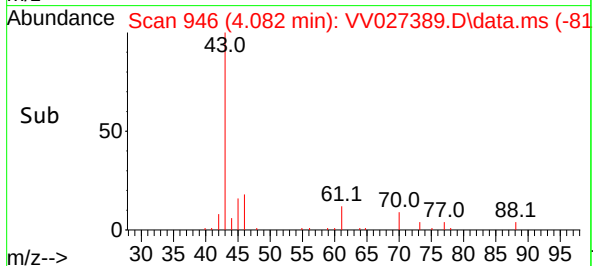
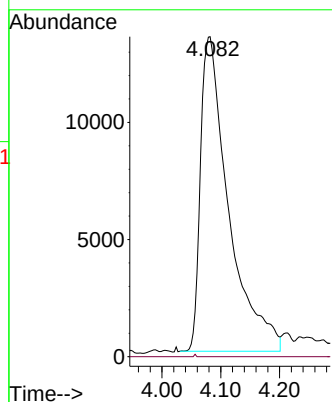
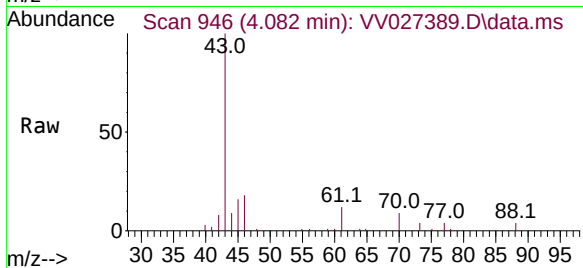
ClientSampleId :

Tgt Ion: 43 Resp: 44680

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



#25

Chloroform

Concen: 0.114 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027389.D

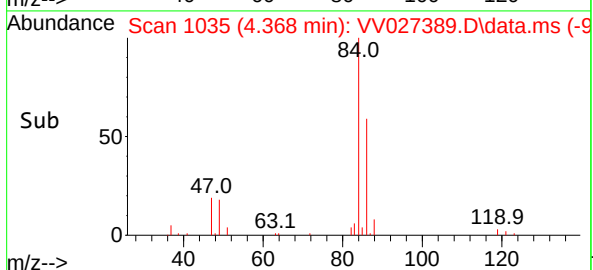
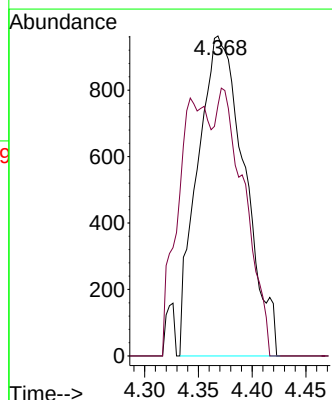
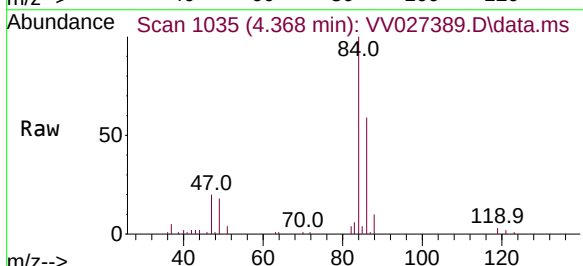
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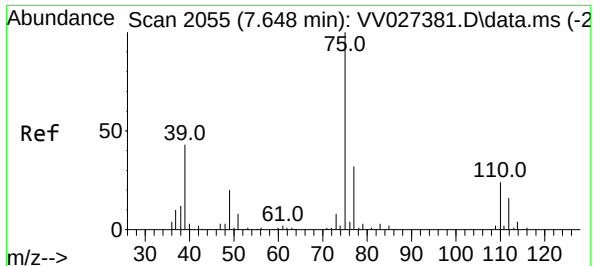
Tgt Ion: 83 Resp: 2926

Ion Ratio Lower Upper

83 100

85 78.3 45.2 84.0

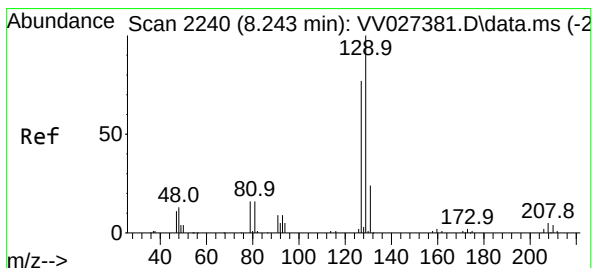
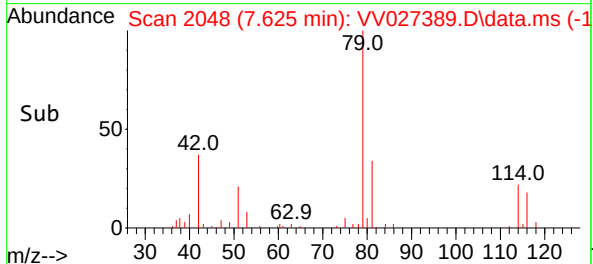
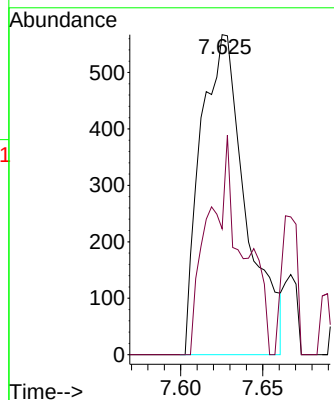
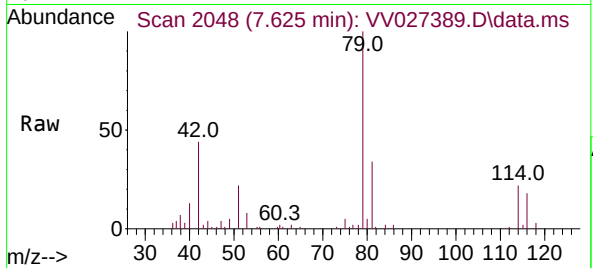




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

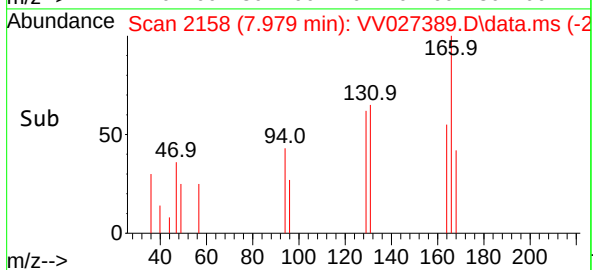
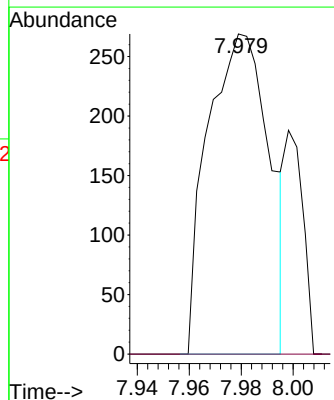
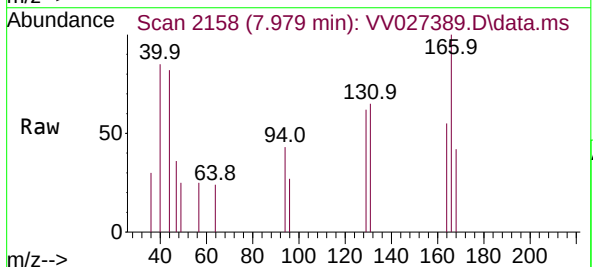
Instrument :
MSVOA_V
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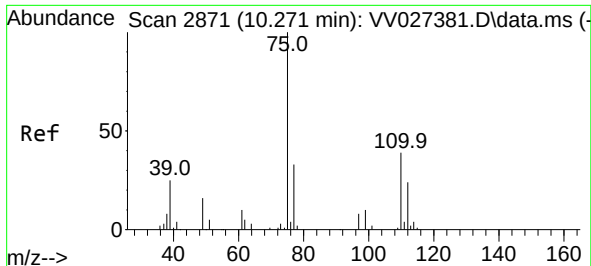
Tgt Ion: 75 Resp: 1082
Ion Ratio Lower Upper
75 100
77 39.3 21.9 40.7



#49
Dibromochloromethane
Concen: 0.039 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

Tgt Ion: 129 Resp: 440
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3

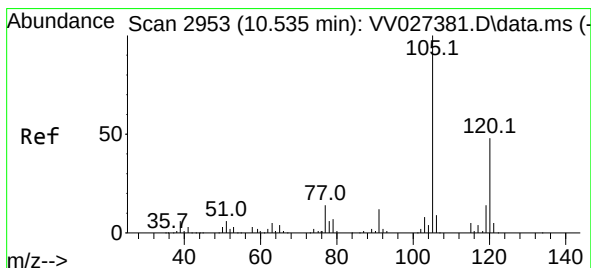
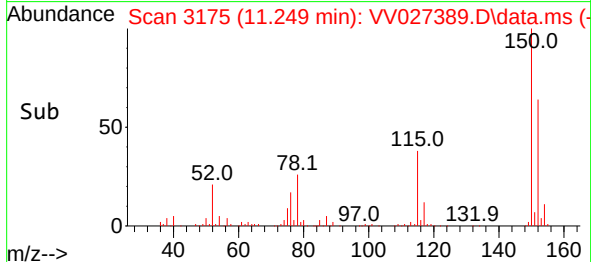
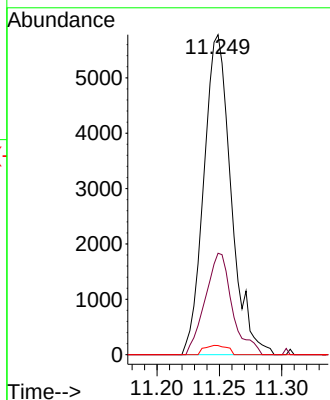
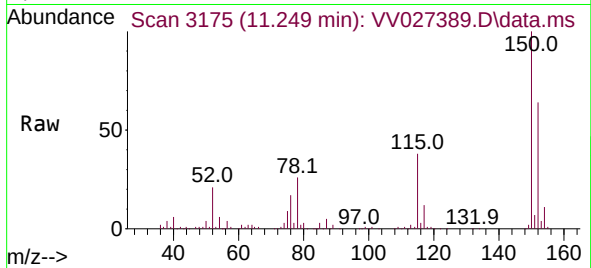




#61
 1,2,3-Trichloropropane
 Concen: 1.391 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV027389.D
 Acq: 15 Aug 2022 14:56

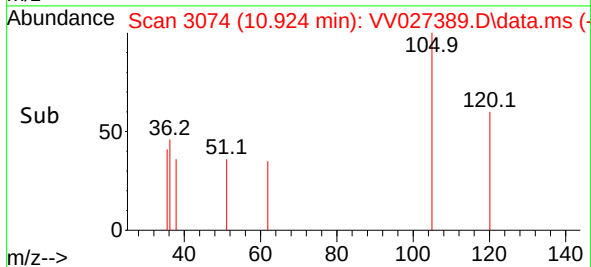
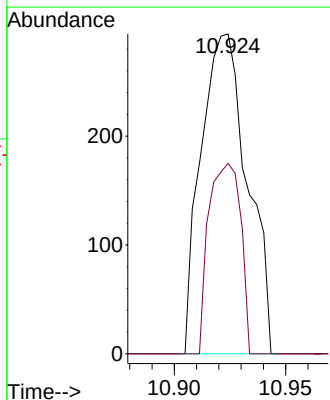
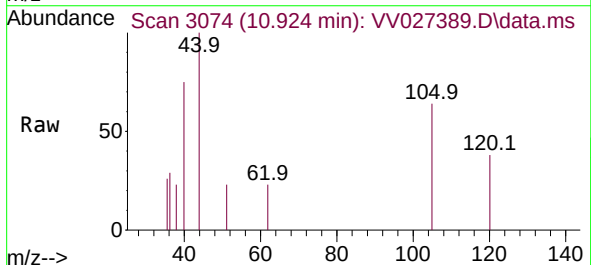
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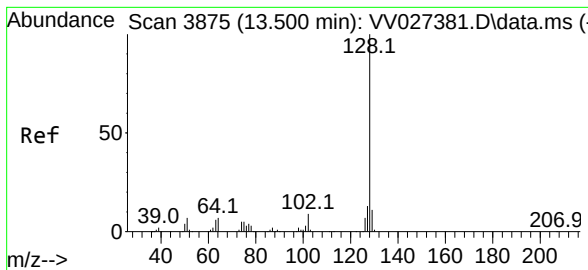
Tgt Ion: 75 Resp: 8805
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 39.8
 110 2.5 31.0 46.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.037 ug/L
 RT: 10.924 min Scan# 3074
 Delta R.T. 0.389 min
 Lab File: VV027389.D
 Acq: 15 Aug 2022 14:56

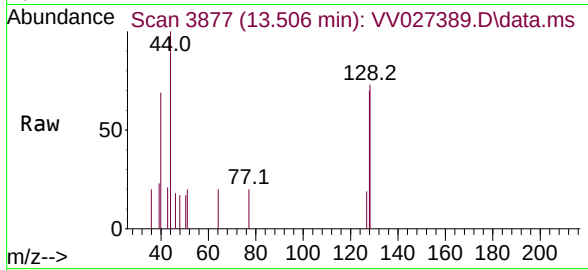
Tgt Ion: 105 Resp: 427
 Ion Ratio Lower Upper
 105 100
 120 40.7 38.2 57.4





#71
Naphthalene
Concen: 0.067 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV027389.D
Acq: 15 Aug 2022 14:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1160
Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	5.9	10.6	15.8#

