

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027448.D
 Acq On : 19 Aug 2022 18:22
 Operator : SY/MD
 Sample : N4253-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E2

Quant Time: Aug 20 06:07:13 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)

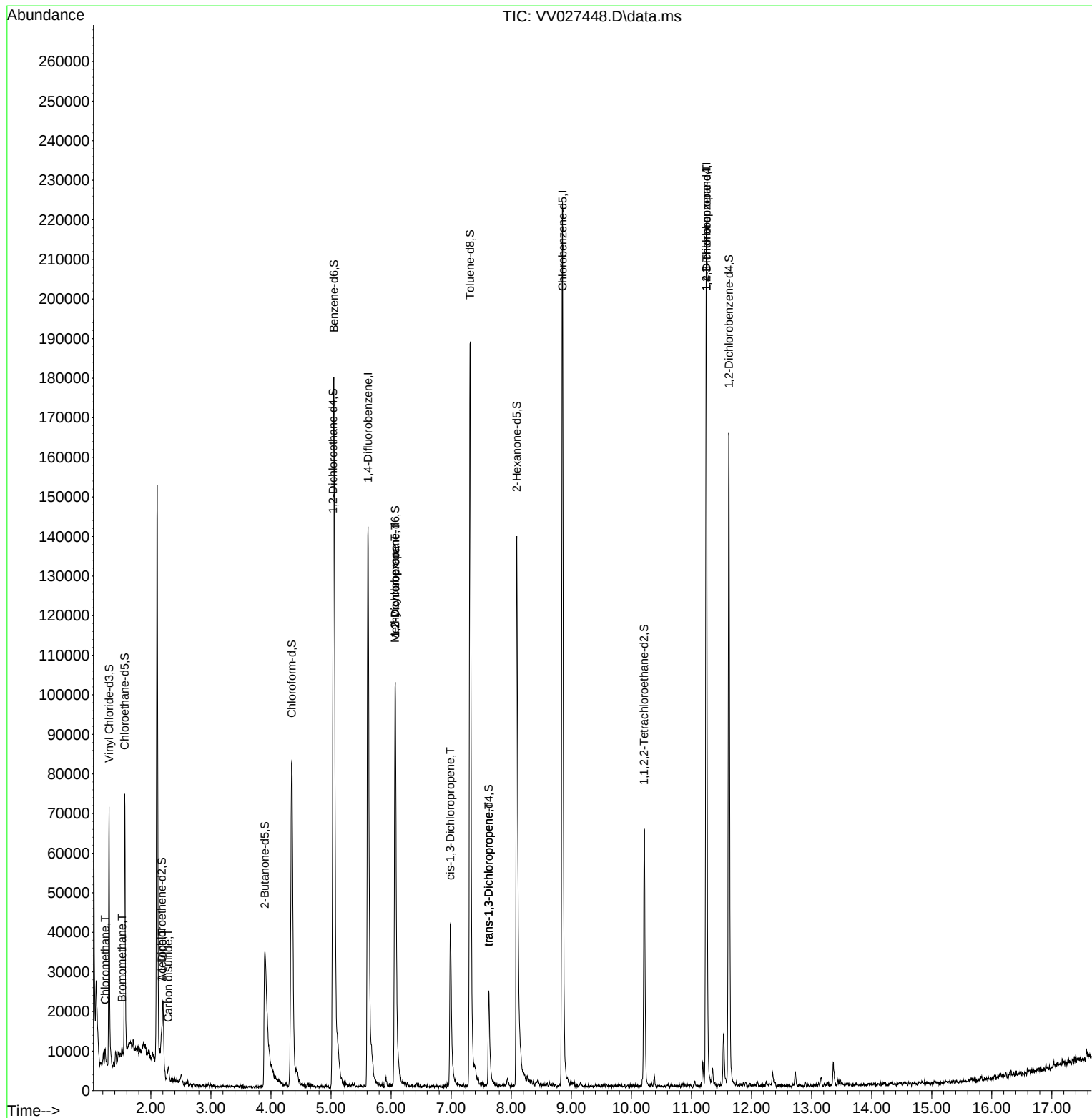
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44407	4.940	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.564	69	41784	6.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	127.000%	
11) 1,1-Dichloroethene-d2	2.182	63	4953	0.236	ug/L	0.07
Spiked Amount	5.000	Range 60 - 125	Recovery	=	4.800%#	
20) 2-Butanone-d5	3.896	46	69999	62.577	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.160%	
24) Chloroform-d	4.346	84	86785	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.034	65	39216	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.047	84	168135	4.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.069	67	51820	5.176	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.313	98	133041	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.625	79	15487	4.518	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.091	63	48593	43.062	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.120%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30645	4.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	41847	5.248	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
3) Chloromethane	1.240	50	3704	0.317	ug/L	97
6) Bromomethane	1.519	94	701	0.120	ug/L #	69
13) Acetone	2.185	43	6356	5.950	ug/L	99
14) Carbon disulfide	2.291	76	3542	0.135	ug/L #	86
35) Methylcyclohexane	6.066	83	12849	0.840	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6142	0.557	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1163	0.088	ug/L #	52
44) trans-1,3-Dichloropropene	7.625	75	810	0.072	ug/L #	59
61) 1,2,3-Trichloropropane	11.249	75	6659	1.411	ug/L #	60

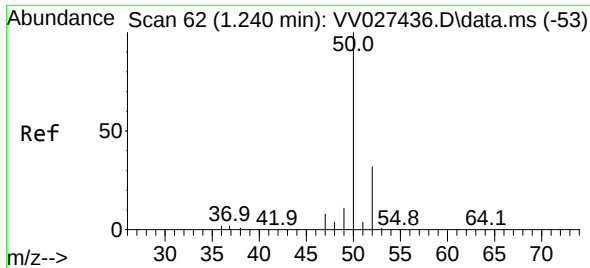
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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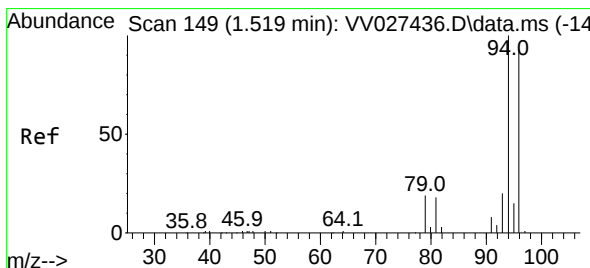
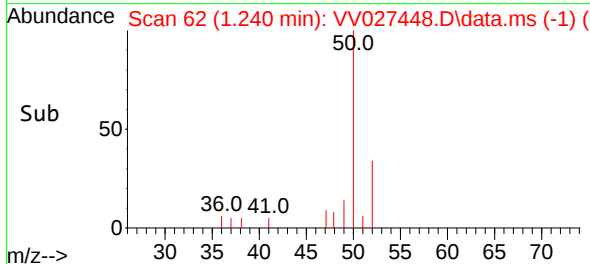
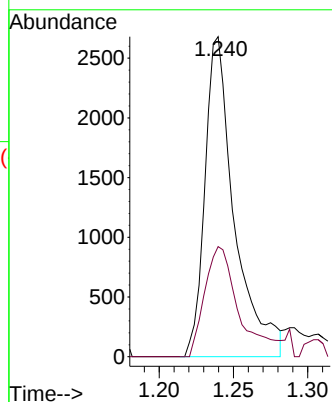
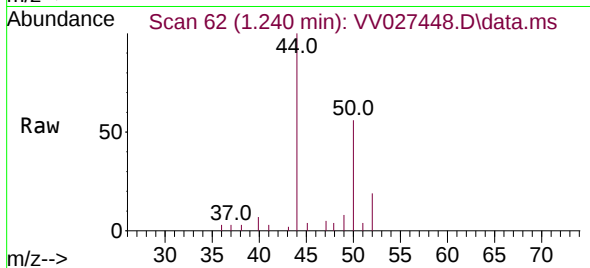




#3
Chloromethane
Concen: 0.317 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027448.D
Acq: 19 Aug 2022 18:22

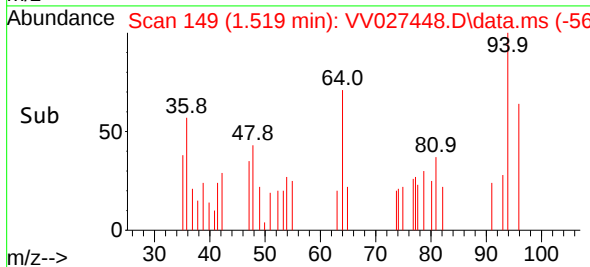
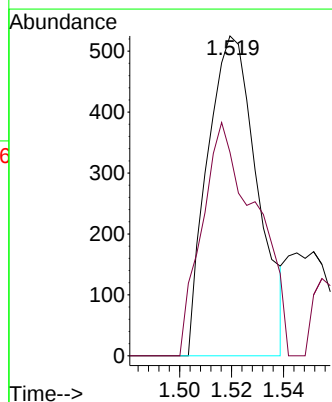
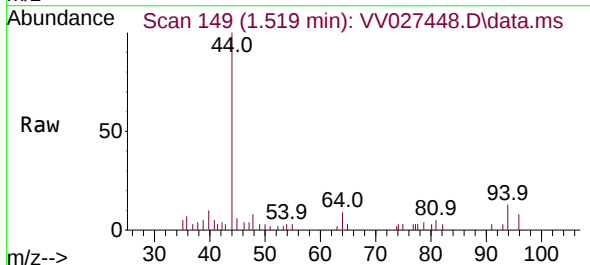
Instrument :
MSVOA_V
ClientSampleId :
EX9E2

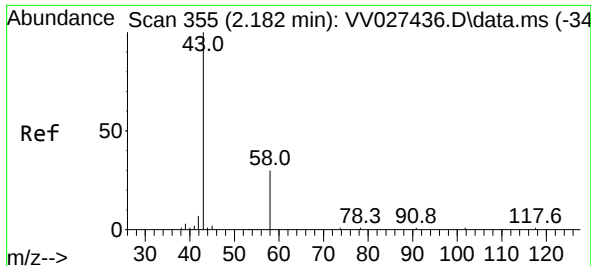
Tgt Ion: 50 Resp: 3704
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4



#6
Bromomethane
Concen: 0.120 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027448.D
Acq: 19 Aug 2022 18:22

Tgt Ion: 94 Resp: 701
Ion Ratio Lower Upper
94 100
96 63.6 65.2 121.0#





#13

Acetone

Concen: 5.950 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027448.D

Acq: 19 Aug 2022 18:22

Instrument :

MSVOA_V

ClientSampleId :

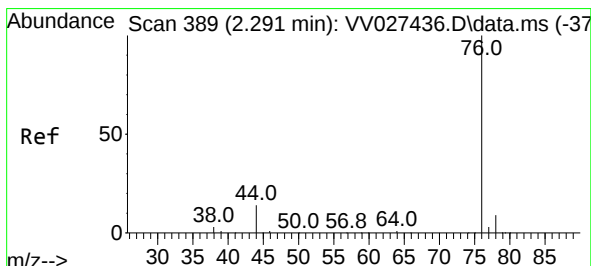
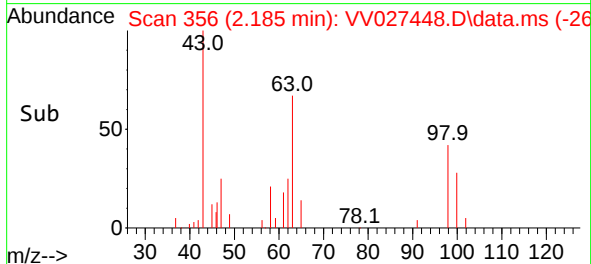
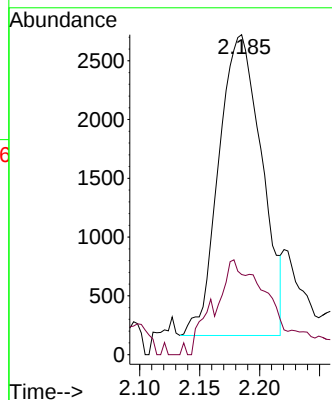
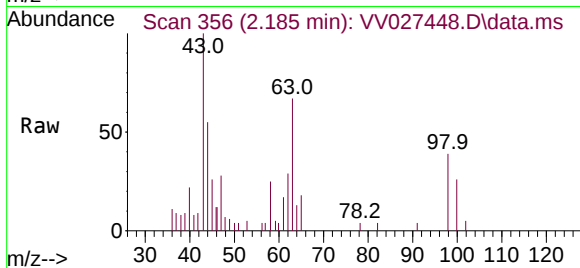
EX9E2

Tgt Ion: 43 Resp: 6356

Ion Ratio Lower Upper

43 100

58 30.6 0.0 62.2



#14

Carbon disulfide

Concen: 0.135 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV027448.D

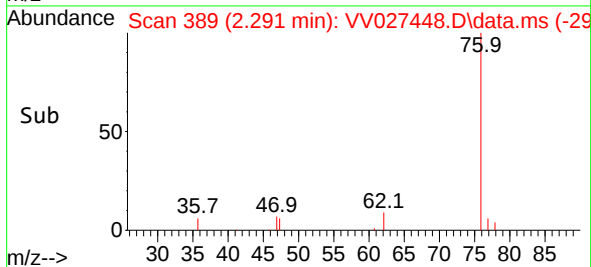
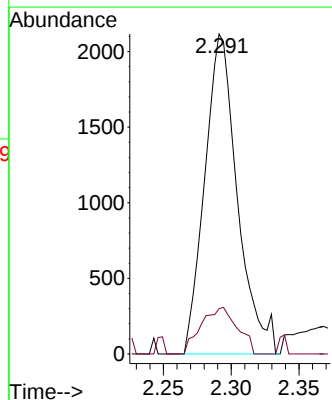
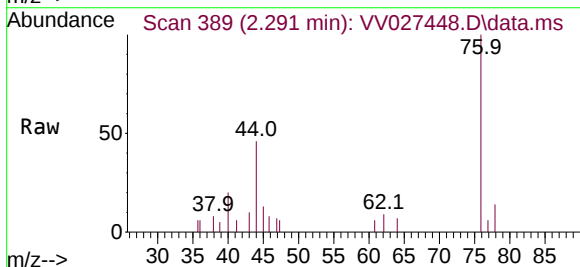
Acq: 19 Aug 2022 18:22

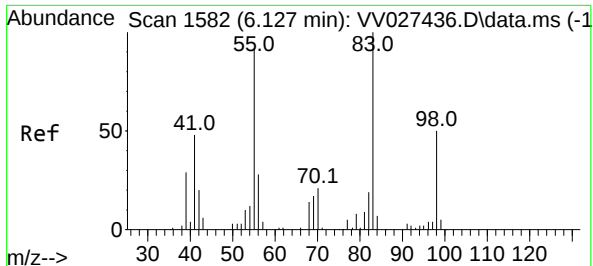
Tgt Ion: 76 Resp: 3542

Ion Ratio Lower Upper

76 100

78 14.2 7.3 10.9#

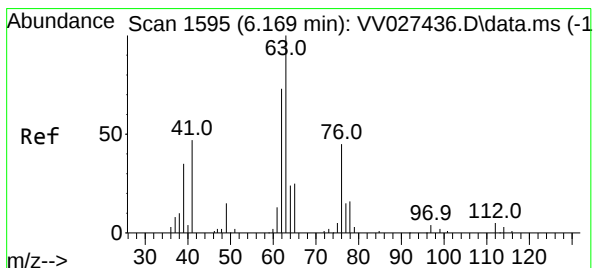
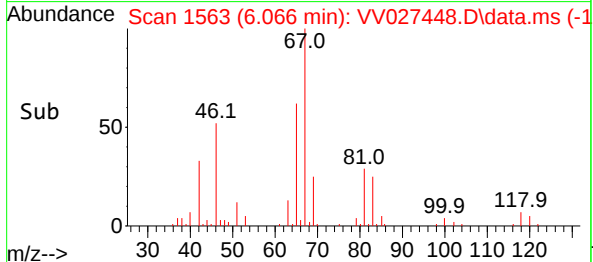
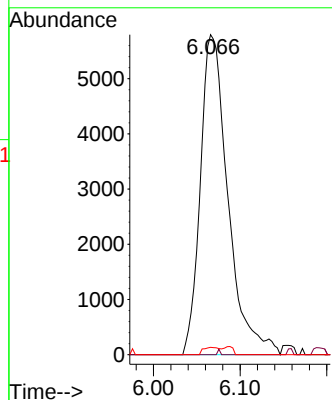
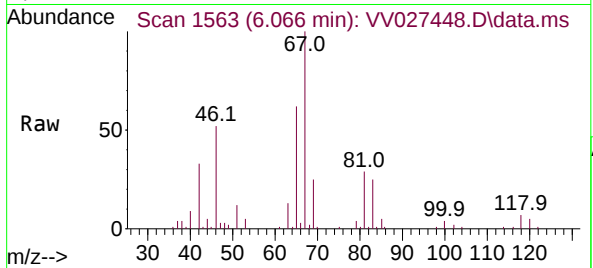




#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027448.D
Acq: 19 Aug 2022 18:22

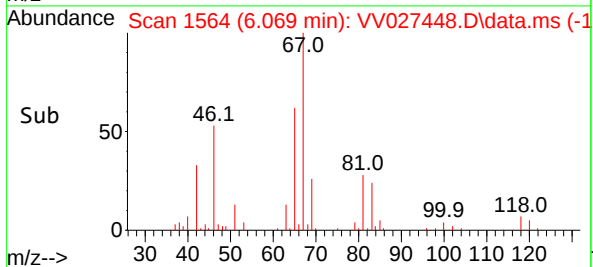
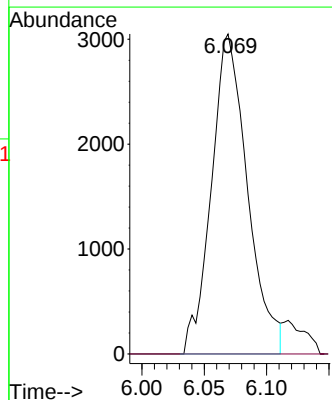
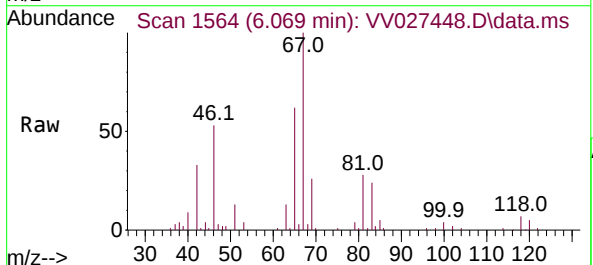
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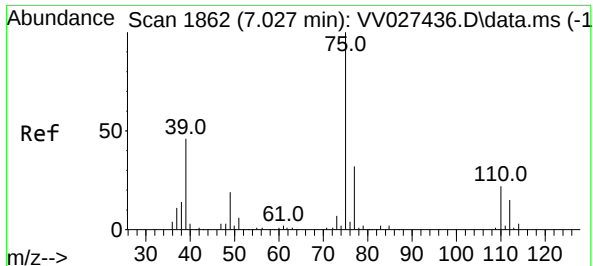
Tgt Ion: 83 Resp: 12849
Ion Ratio Lower Upper
83 100
55 0.1 68.2 102.4#
98 1.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027448.D
Acq: 19 Aug 2022 18:22

Tgt Ion: 63 Resp: 6142
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027448.D

Acq: 19 Aug 2022 18:22

Instrument :

MSVOA_V

ClientSampleId :

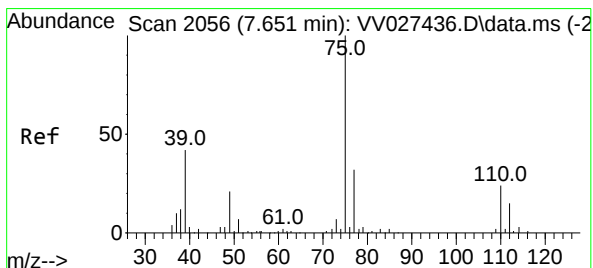
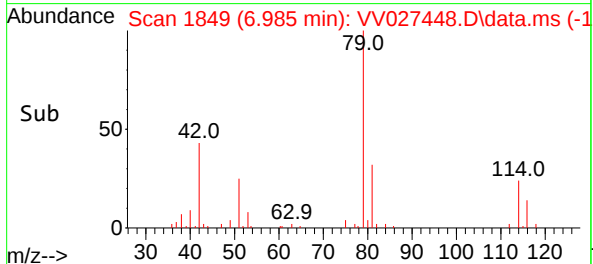
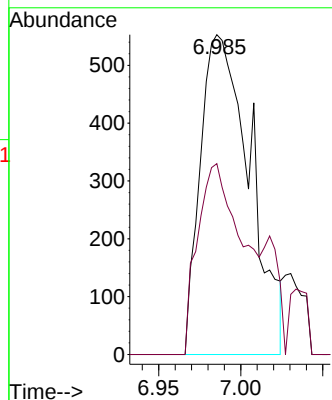
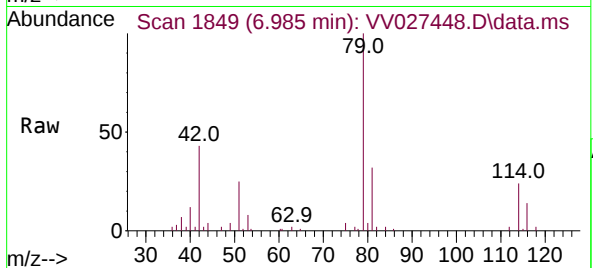
EX9E2

Tgt Ion: 75 Resp: 1163

Ion Ratio Lower Upper

75 100

77 59.7 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV027448.D

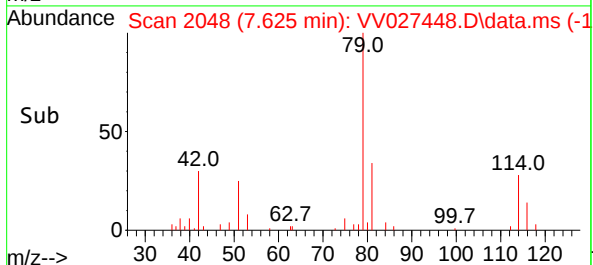
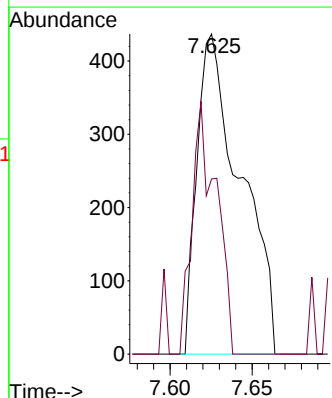
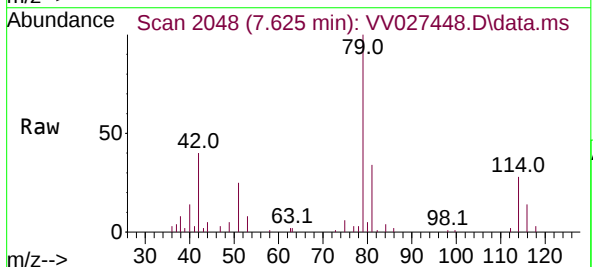
Acq: 19 Aug 2022 18:22

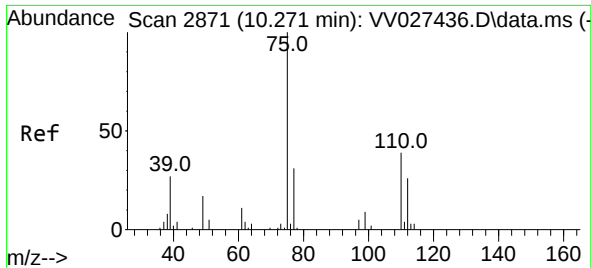
Tgt Ion: 75 Resp: 810

Ion Ratio Lower Upper

75 100

77 54.7 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.411 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV027448.D

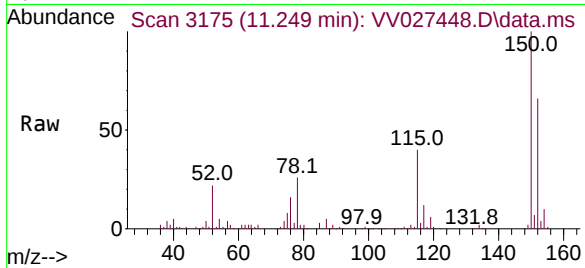
Acq: 19 Aug 2022 18:22

Instrument :

MSVOA_V

ClientSampleId :

EX9E2



Tgt Ion: 75 Resp: 6659

Ion Ratio Lower Upper

75 100

77 44.8 26.2 39.2#

110 3.5 29.9 44.9#

