

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027385.D
 Acq On : 15 Aug 2022 13:18
 Operator : SY/MD
 Sample : N4133-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:36:29 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)

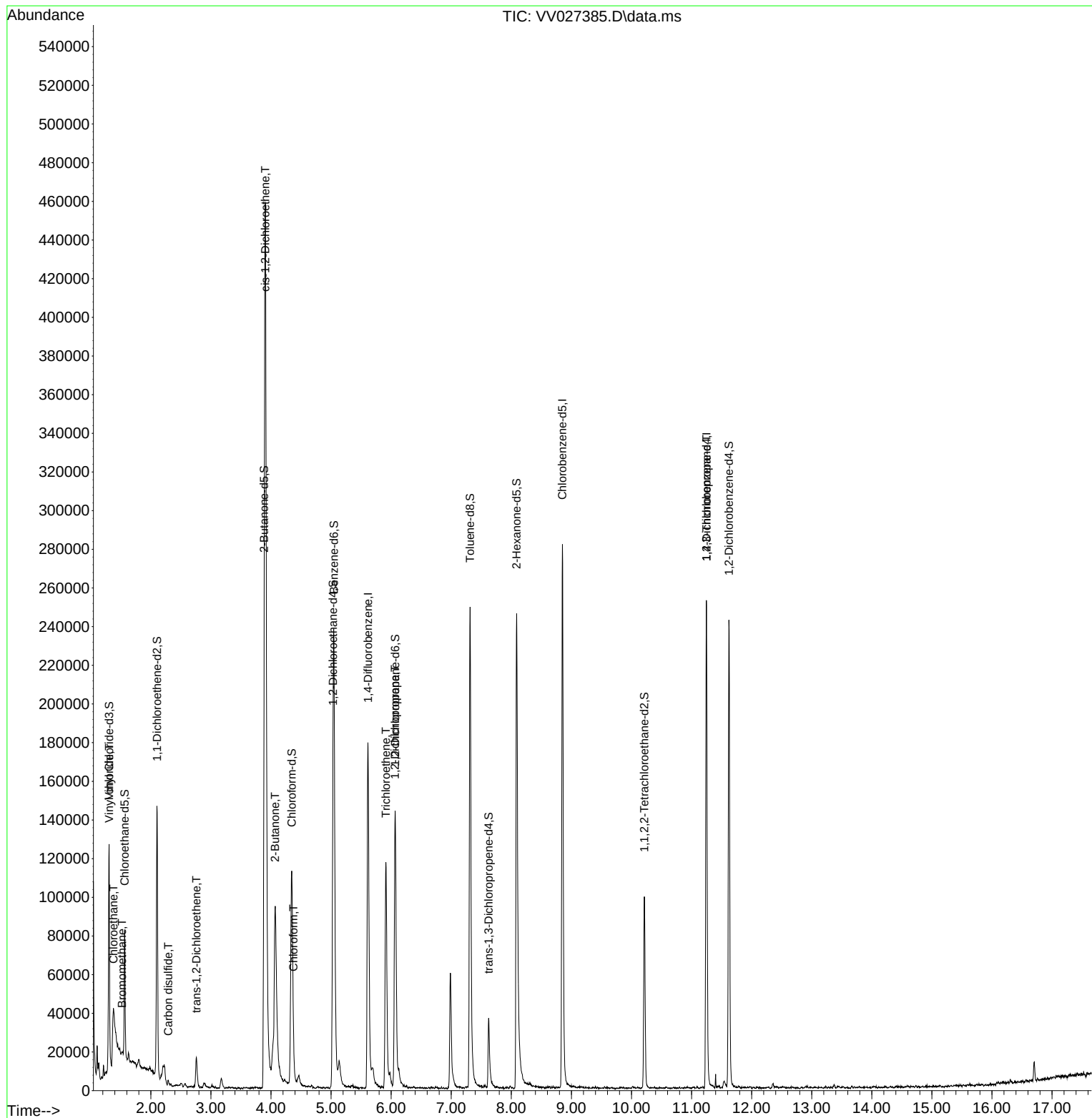
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52448	4.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.565	69	41200	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.102	63	73147	3.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.886	46	125698	57.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.120%
24) Chloroform-d	4.346	84	116490	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.031	65	55937	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.047	84	209586	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	73061	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.314	98	173304	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.622	79	21606	4.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.088	63	84564	44.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47578	4.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60059	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	22373	1.360	ug/L	88
6) Bromomethane	1.520	94	408	0.053	ug/L	75
8) Chloroethane	1.378	64	75413	8.243	ug/L #	52
14) Carbon disulfide	2.288	76	2934	0.069	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	5637	0.429	ug/L	96
21) 2-Butanone	4.069	43	144448	65.739	ug/L #	50
22) cis-1,2-Dichloroethene	3.905	96	230035	17.795	ug/L	100
25) Chloroform	4.372	83	3553	0.137	ug/L	95
34) Trichloroethene	5.912	95	40735	3.062	ug/L	98
37) 1,2-Dichloropropane	6.063	63	8322	0.630	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	8020	1.250	ug/L #	64

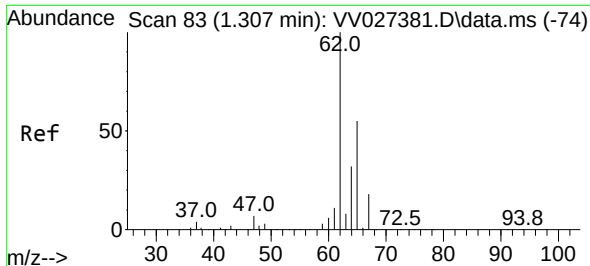
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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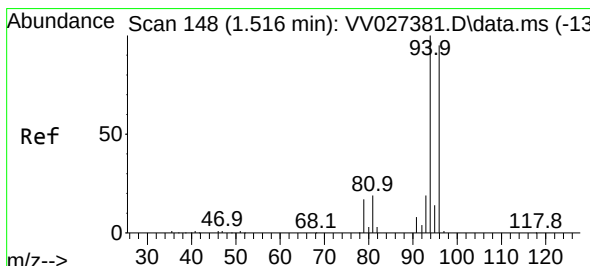
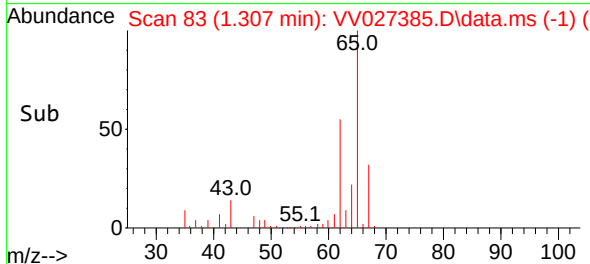
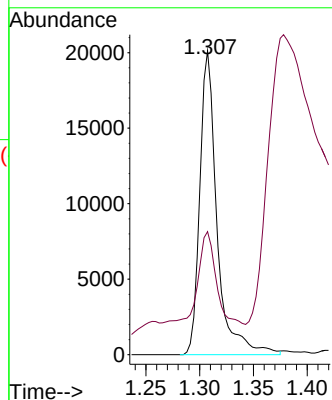
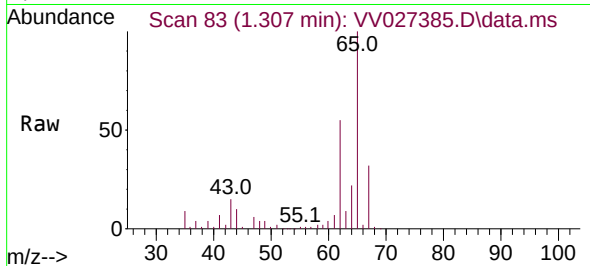




#5
 Vinyl chloride
 Concen: 1.360 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027385.D
 Acq: 15 Aug 2022 13:18

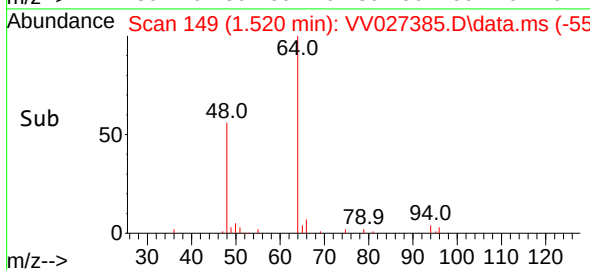
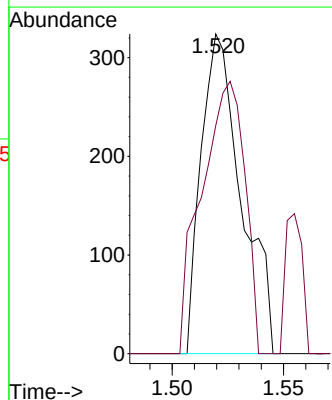
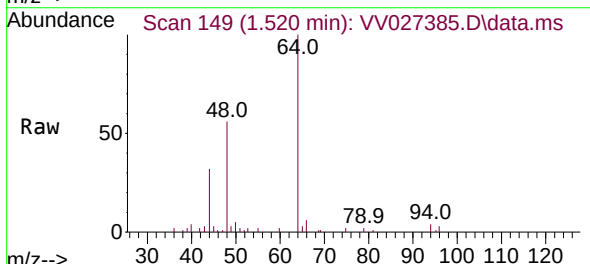
Instrument :
 MSVOA_V
 ClientSampleId :

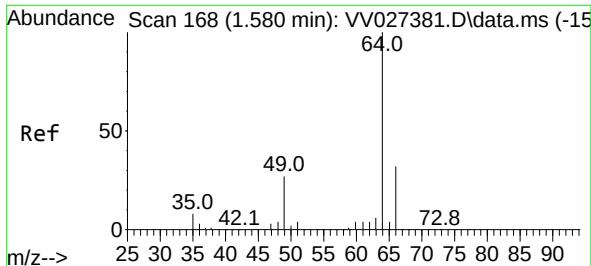
Tgt Ion: 62 Resp: 22373
 Ion Ratio Lower Upper
 62 100
 64 40.5 23.7 44.1



#6
 Bromomethane
 Concen: 0.053 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV027385.D
 Acq: 15 Aug 2022 13:18

Tgt Ion: 94 Resp: 408
 Ion Ratio Lower Upper
 94 100
 96 71.3 67.2 124.8





#8

Chloroethane

Concen: 8.243 ug/L

RT: 1.378 min Scan# 105

Delta R.T. -0.202 min

Lab File: VV027385.D

Acq: 15 Aug 2022 13:18

Instrument :

MSVOA_V

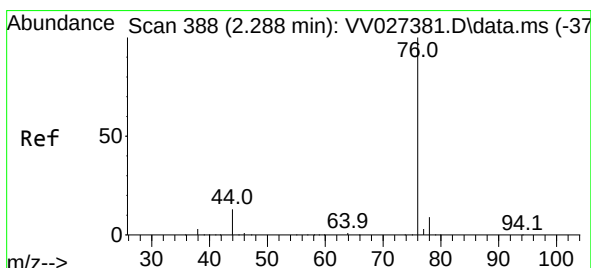
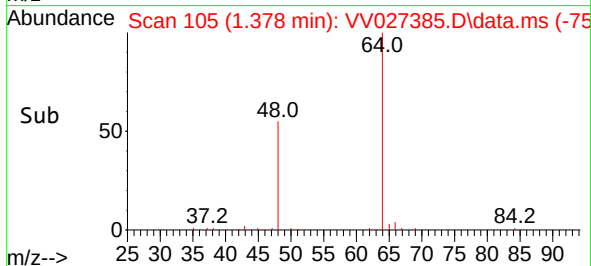
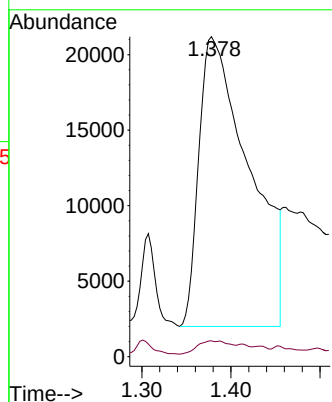
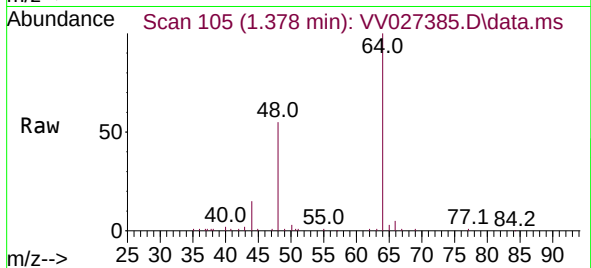
ClientSampleId :

Tgt Ion: 64 Resp: 75413

Ion Ratio Lower Upper

64 100

66 4.9 22.3 41.5#



#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027385.D

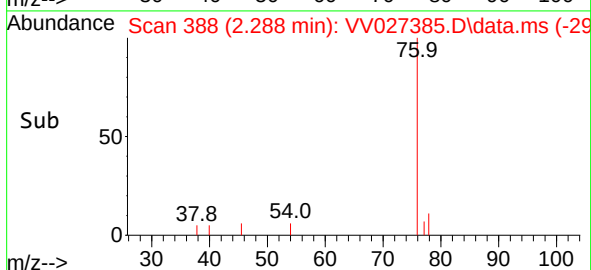
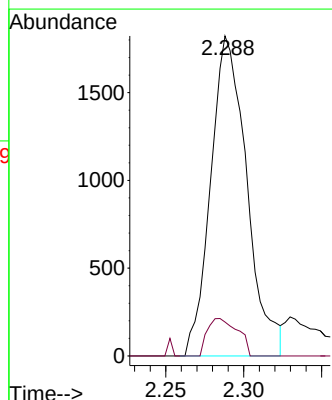
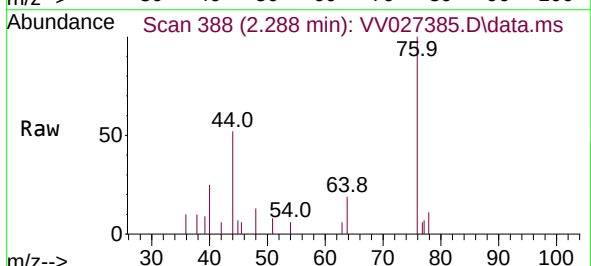
Acq: 15 Aug 2022 13:18

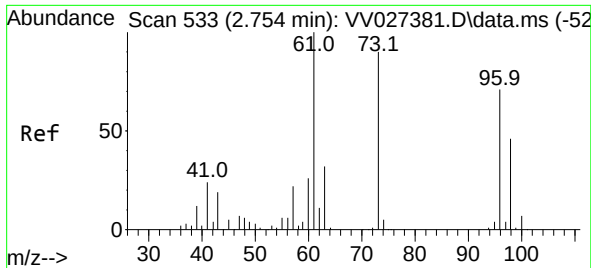
Tgt Ion: 76 Resp: 2934

Ion Ratio Lower Upper

76 100

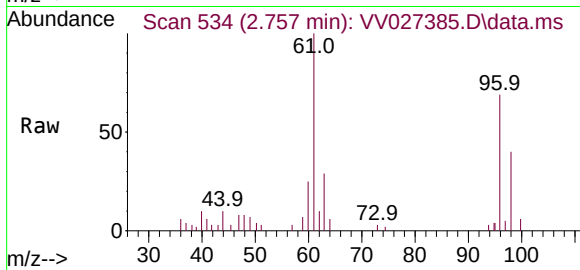
78 10.6 7.2 10.8





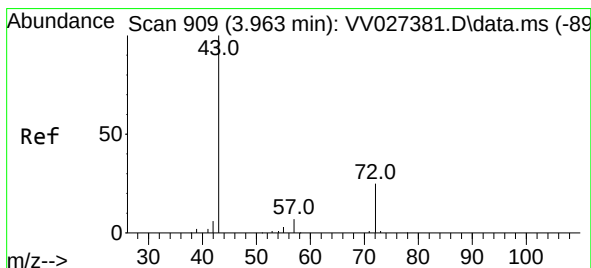
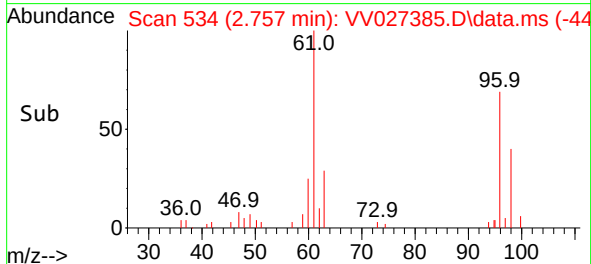
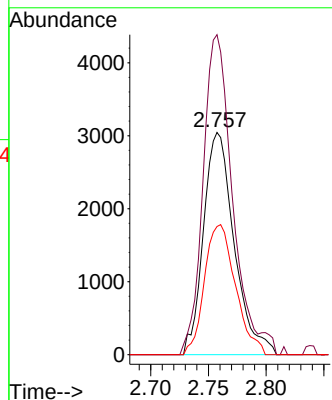
#18
trans-1,2-Dichloroethene
Concen: 0.429 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027385.D
Acq: 15 Aug 2022 13:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 5637

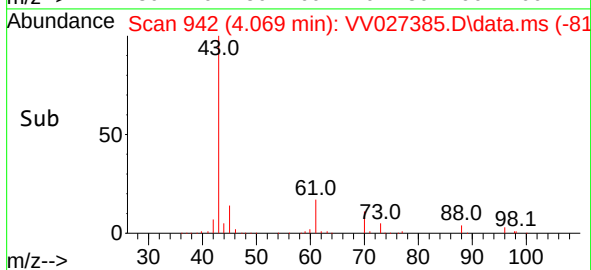
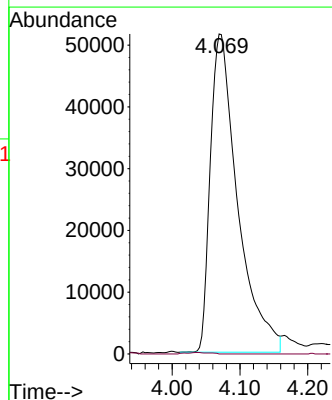
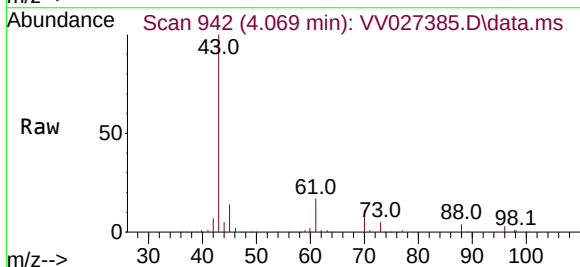
Ion	Ratio	Lower	Upper
96	100		
61	144.0	99.6	185.0
98	57.6	45.1	83.7

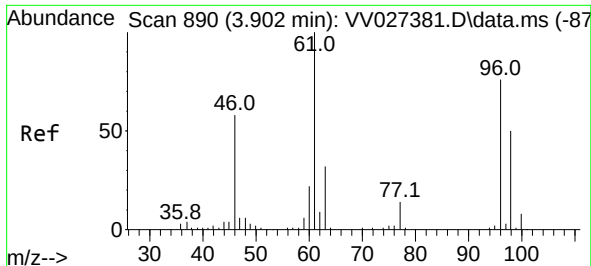


#21
2-Butanone
Concen: 65.739 ug/L
RT: 4.069 min Scan# 942
Delta R.T. 0.106 min
Lab File: VV027385.D
Acq: 15 Aug 2022 13:18

Tgt Ion: 43 Resp: 144448

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.9	38.6#





#22

cis-1,2-Dichloroethene

Concen: 17.795 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027385.D

Acq: 15 Aug 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

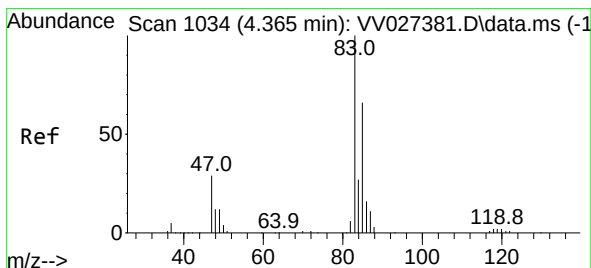
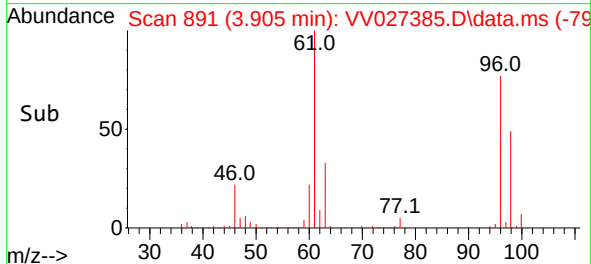
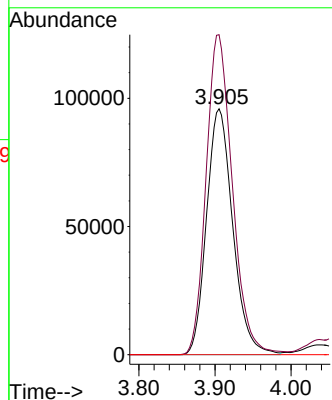
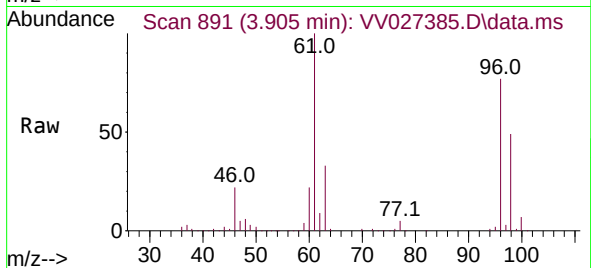
Tgt Ion: 96 Resp: 230035

Ion Ratio Lower Upper

96 100

61 130.1 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.137 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV027385.D

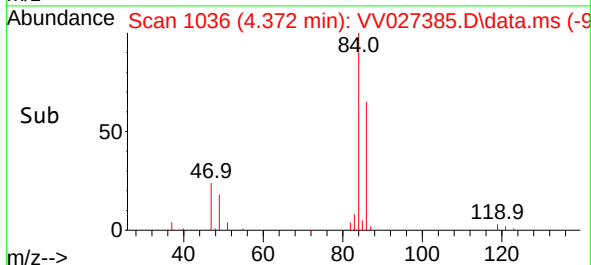
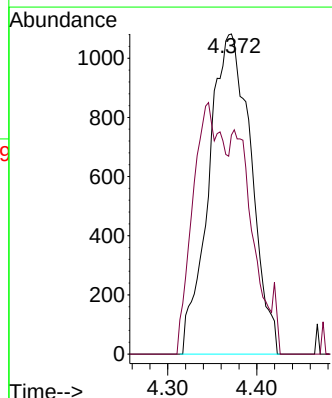
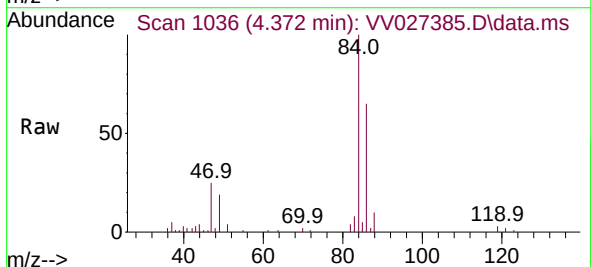
Acq: 15 Aug 2022 13:18

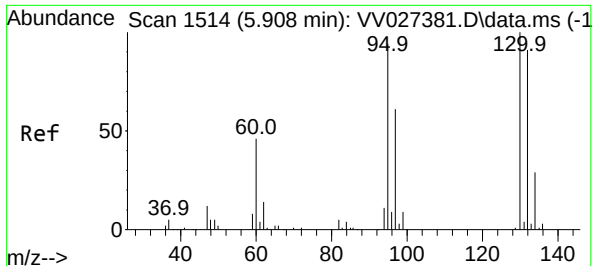
Tgt Ion: 83 Resp: 3553

Ion Ratio Lower Upper

83 100

85 68.4 45.2 84.0





#34

Trichloroethene

Concen: 3.062 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

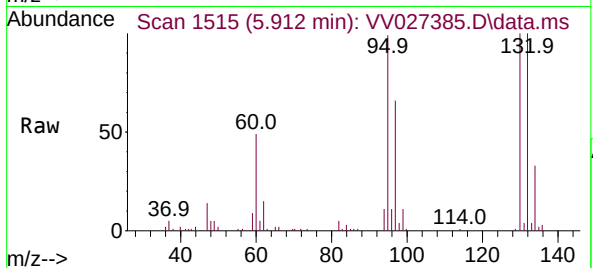
Lab File: VV027385.D

Acq: 15 Aug 2022 13:18

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Tgt Ion: 95 Resp: 40735

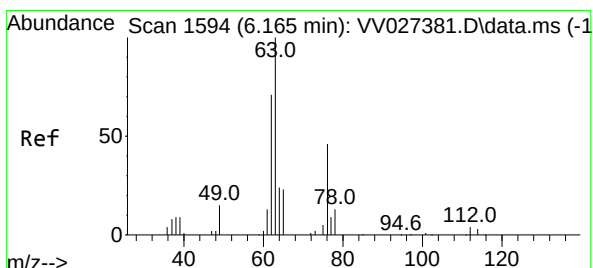
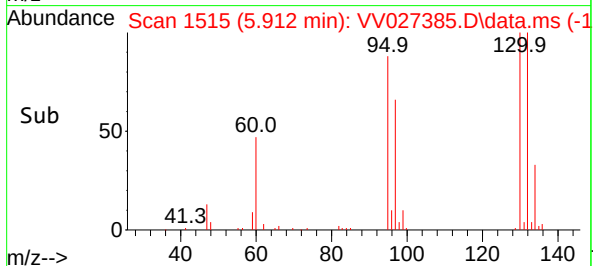
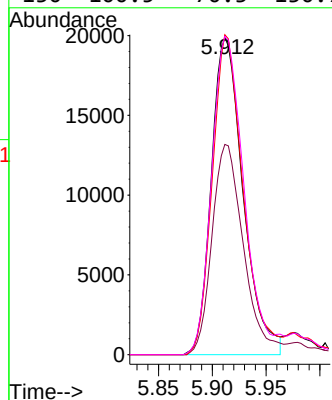
Ion Ratio Lower Upper

95 100

97 66.3 45.5 84.5

132 101.0 68.2 126.6

130 100.5 70.3 130.7



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV027385.D

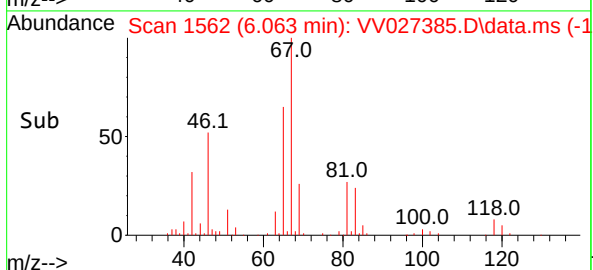
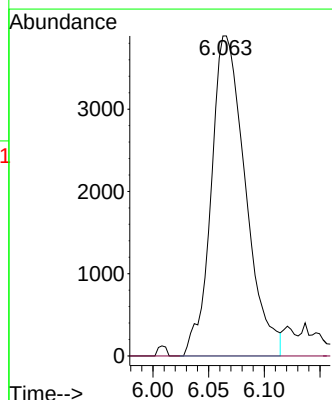
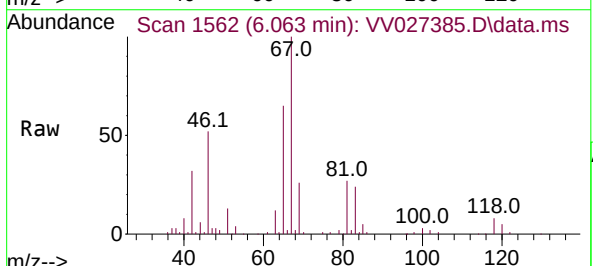
Acq: 15 Aug 2022 13:18

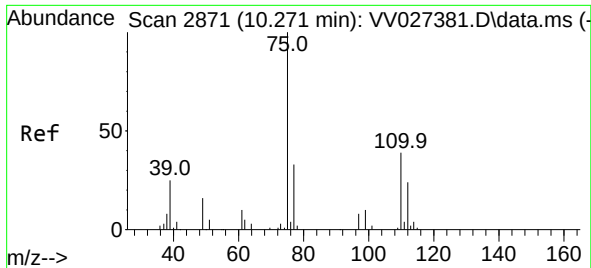
Tgt Ion: 63 Resp: 8322

Ion Ratio Lower Upper

63 100

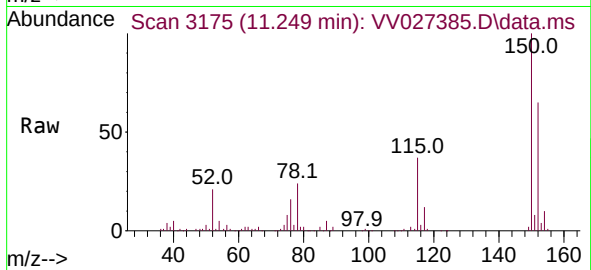
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.250 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027385.D
 Acq: 15 Aug 2022 13:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8020
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.6 39.8
 110 2.5 31.0 46.6#

