

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028898.D
 Acq On : 12 Nov 2022 00:31
 Operator : SY/MD
 Sample : N5592-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1

Quant Time: Nov 12 03:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

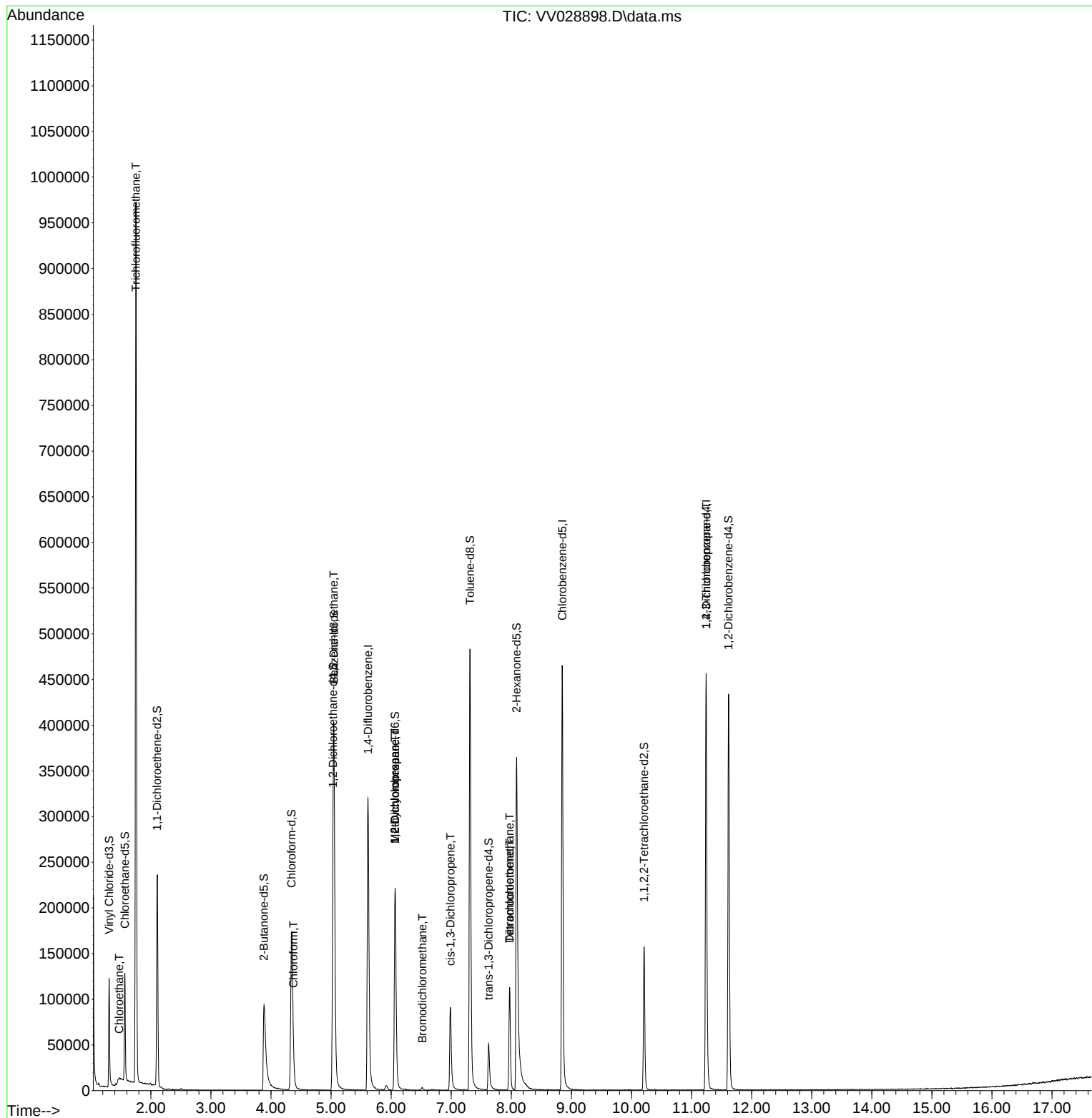
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	305651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83768	4.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	77743	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.105	63	118707	3.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.883	46	174264	55.867	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.740%
24) Chloroform-d	4.342	84	186601	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.031	65	88441	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	396761	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.066	67	115257	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	350631	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	34467	4.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	155550	47.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.760%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79719	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	122783	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
8) Chloroethane	1.471	64	17499	1.235	ug/L #	55
9) Trichlorofluoromethane	1.751	101	569473	17.510	ug/L	99
25) Chloroform	4.371	83	15757	0.428	ug/L	92
27) 1,2-Dichloroethane	5.043	62	2007	0.106	ug/L #	70
35) Methylcyclohexane	6.066	83	27984	0.727	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12571	0.637	ug/L #	85
38) Bromodichloromethane	6.519	83	2625	0.105	ug/L	95
39) cis-1,3-Dichloropropene	6.989	75	2294	0.083	ug/L #	57
47) Tetrachloroethene	7.973	164	26830	1.530	ug/L	99
49) Dibromochloromethane	7.973	129	23434	1.501	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	13952	1.529	ug/L #	64

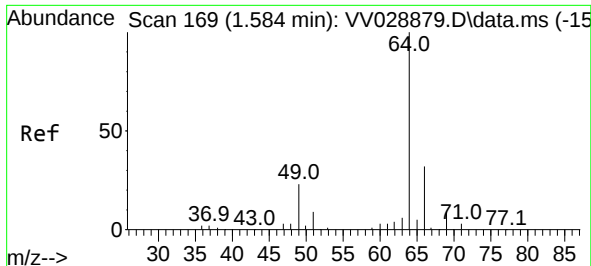
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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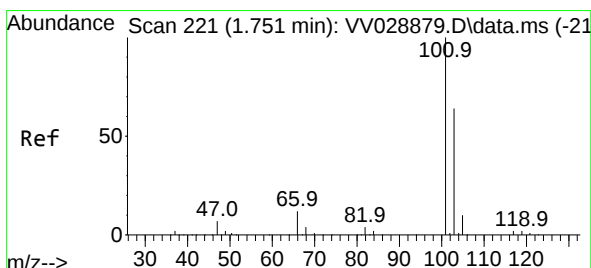
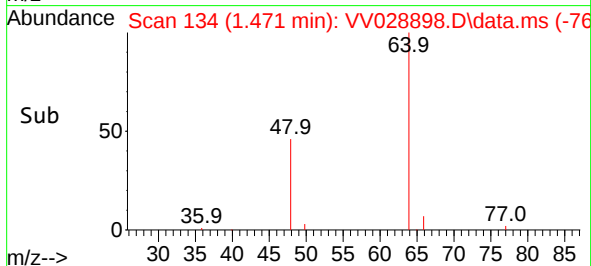
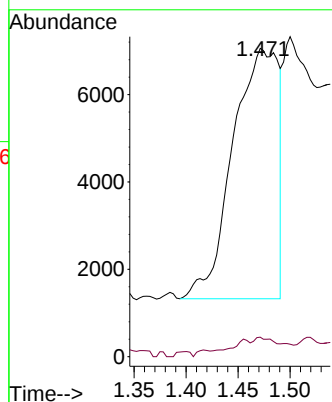
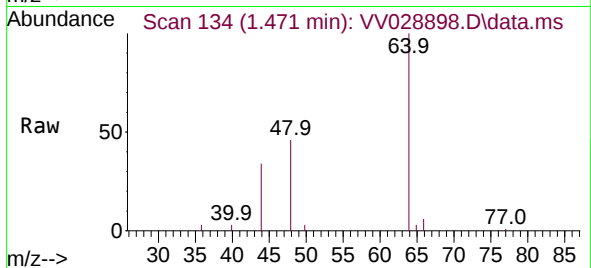




#8
Chloroethane
Concen: 1.235 ug/L
RT: 1.471 min Scan# 11
Delta R.T. -0.113 min
Lab File: VV028898.D
Acq: 12 Nov 2022 00:31

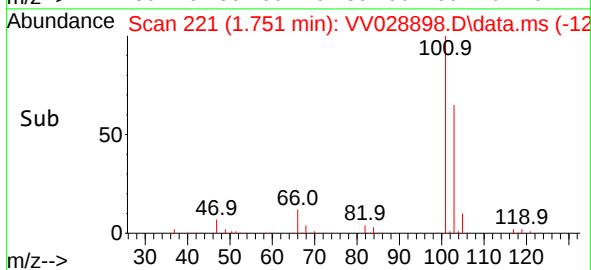
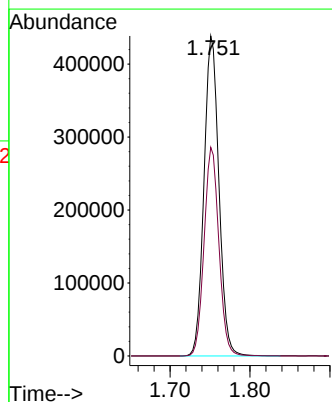
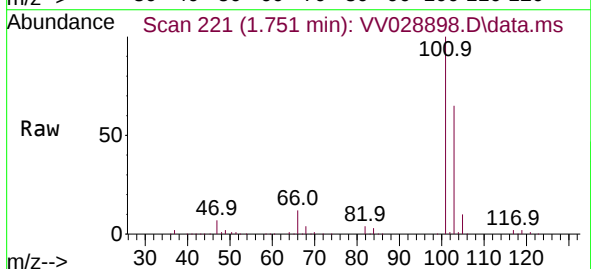
Instrument :
MSVOA_V
ClientSampleId :
H0AE1

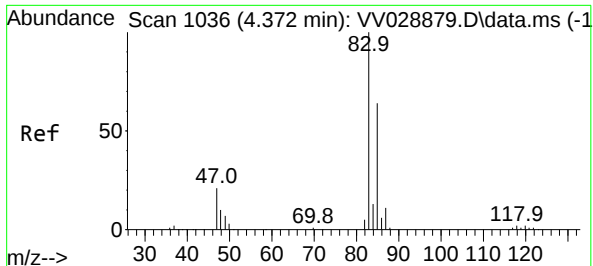
Tgt Ion: 64 Resp: 17499
Ion Ratio Lower Upper
64 100
66 6.3 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 17.510 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028898.D
Acq: 12 Nov 2022 00:31

Tgt Ion:101 Resp: 569473
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9





#25

Chloroform

Concen: 0.428 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028898.D

Acq: 12 Nov 2022 00:31

Instrument :

MSVOA_V

ClientSampleId :

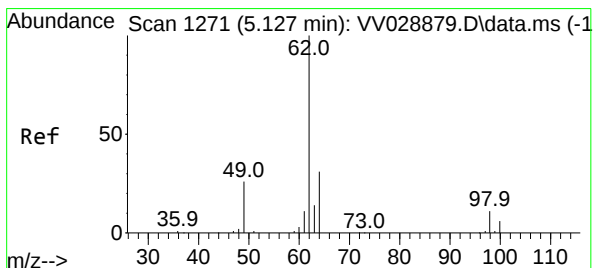
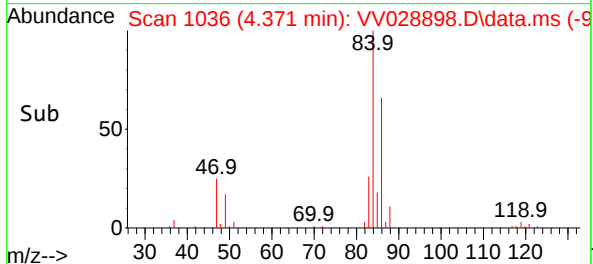
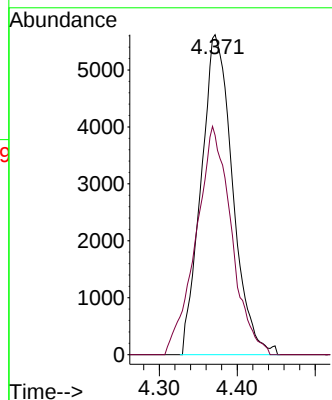
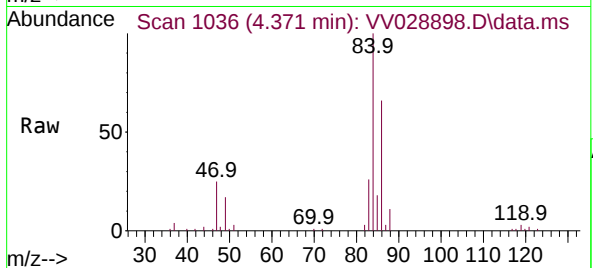
H0AE1

Tgt Ion: 83 Resp: 15757

Ion Ratio Lower Upper

83 100

85 68.5 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV028898.D

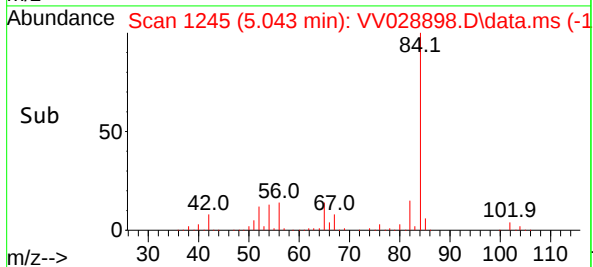
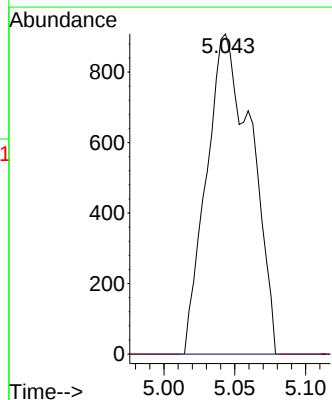
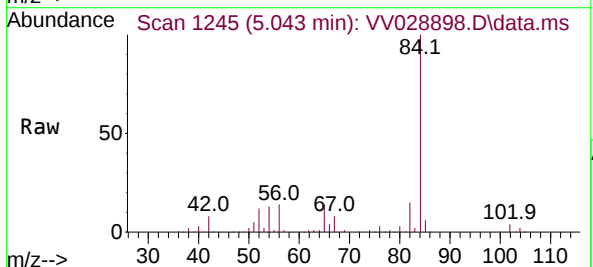
Acq: 12 Nov 2022 00:31

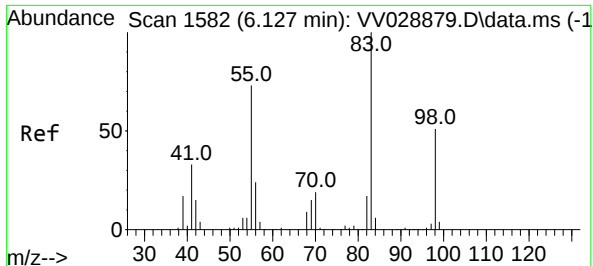
Tgt Ion: 62 Resp: 2007

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#35

Methylcyclohexane

Concen: 0.727 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028898.D

Acq: 12 Nov 2022 00:31

Instrument :

MSVOA_V

ClientSampleId :

H0AE1

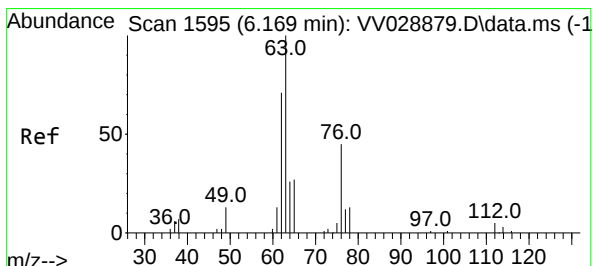
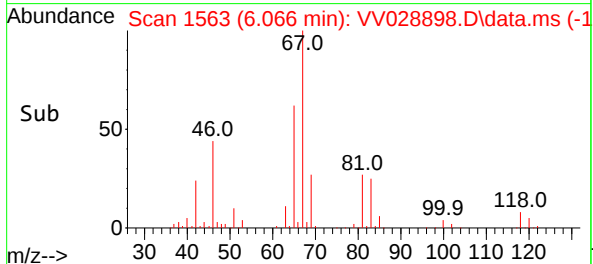
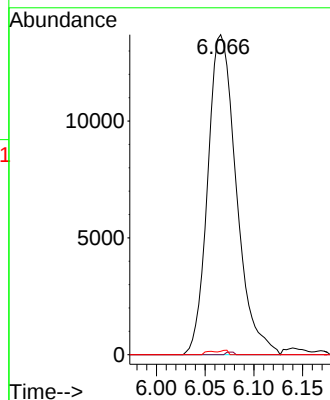
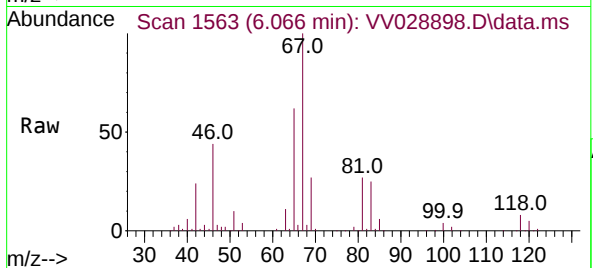
Tgt Ion: 83 Resp: 27984

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028898.D

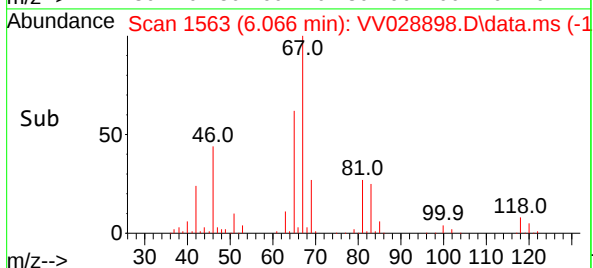
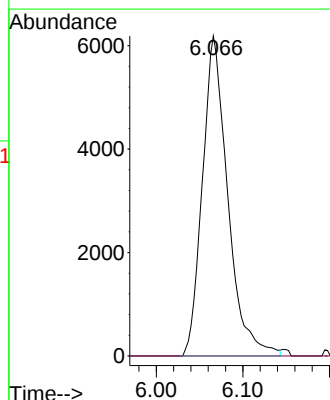
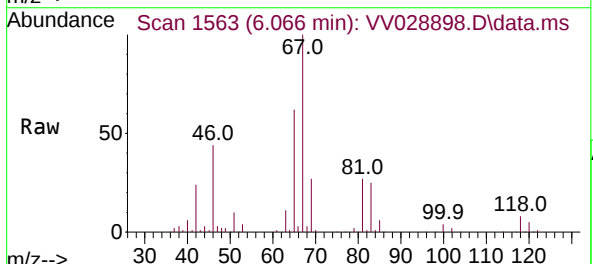
Acq: 12 Nov 2022 00:31

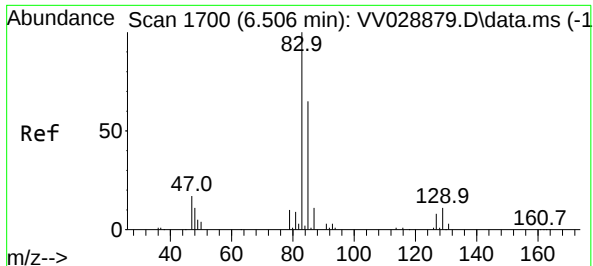
Tgt Ion: 63 Resp: 12571

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#

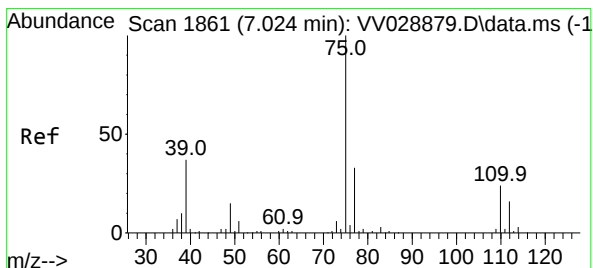
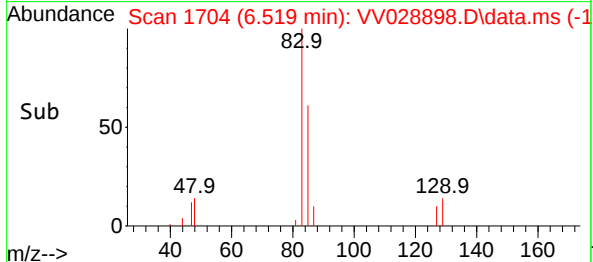
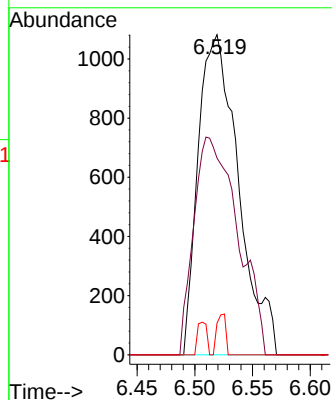
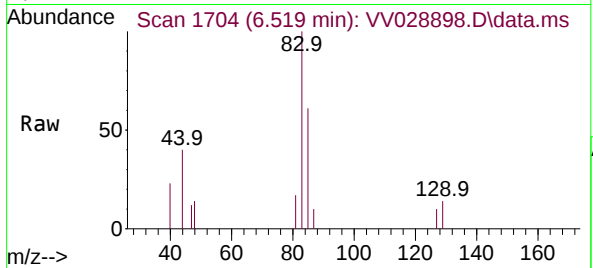




#38
Bromodichloromethane
Concen: 0.105 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028898.D
Acq: 12 Nov 2022 00:31

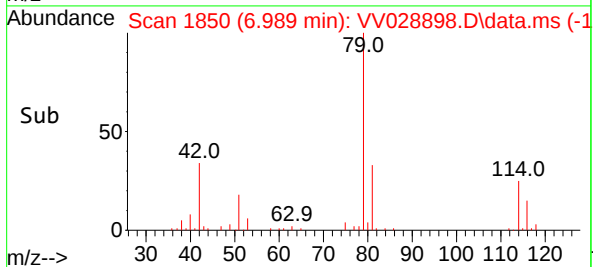
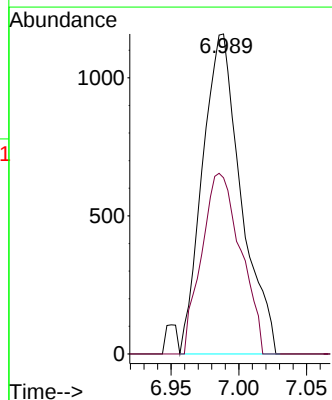
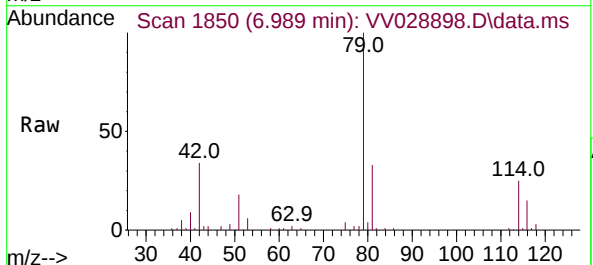
Instrument :
MSVOA_V
ClientSampleId :
H0AE1

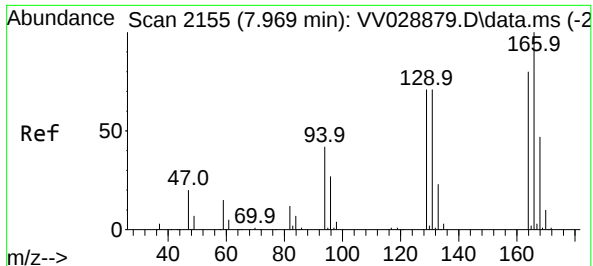
Tgt Ion: 83 Resp: 2625
Ion Ratio Lower Upper
83 100
85 61.5 46.1 85.5
127 9.9 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV028898.D
Acq: 12 Nov 2022 00:31

Tgt Ion: 75 Resp: 2294
Ion Ratio Lower Upper
75 100
77 55.0 21.8 40.6#





#47

Tetrachloroethene

Concen: 1.530 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028898.D

Acq: 12 Nov 2022 00:31

Instrument :

MSVOA_V

ClientSampleId :

H0AE1

Tgt Ion:164 Resp: 26830

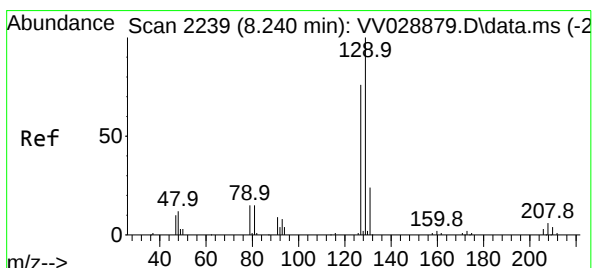
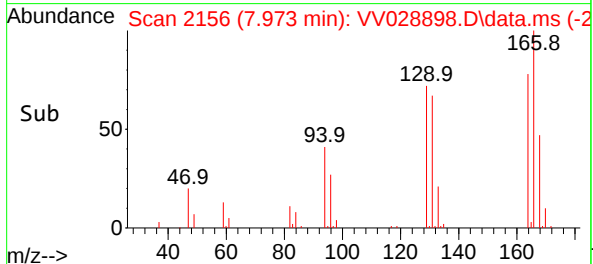
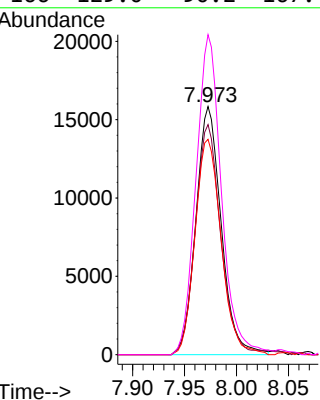
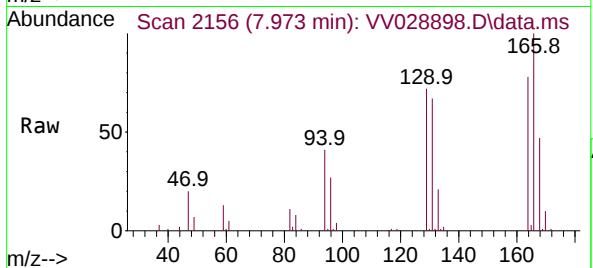
Ion Ratio Lower Upper

164 100

129 92.7 63.9 118.7

131 86.8 61.8 114.8

166 129.0 90.2 167.4



#49

Dibromochloromethane

Concen: 1.501 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028898.D

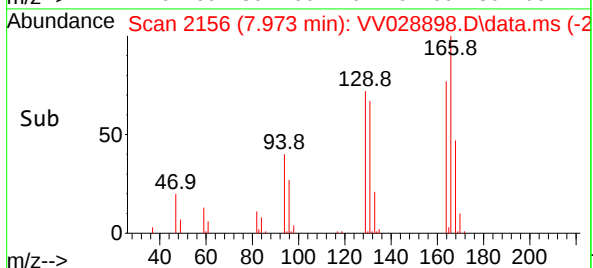
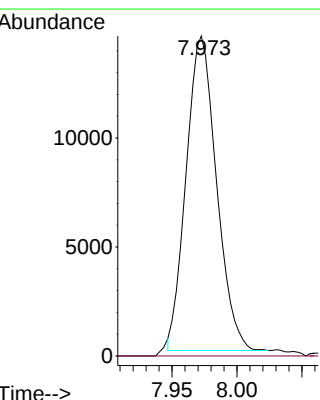
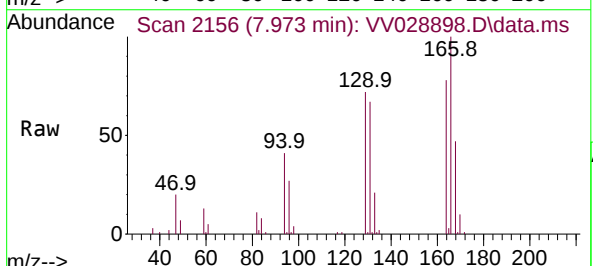
Acq: 12 Nov 2022 00:31

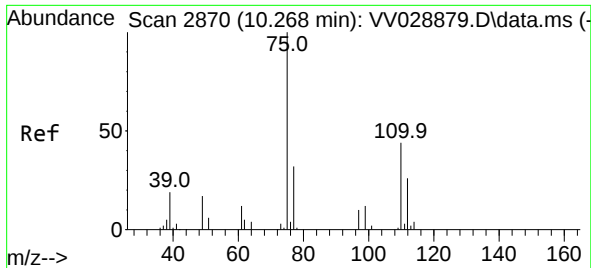
Tgt Ion:129 Resp: 23434

Ion Ratio Lower Upper

129 100

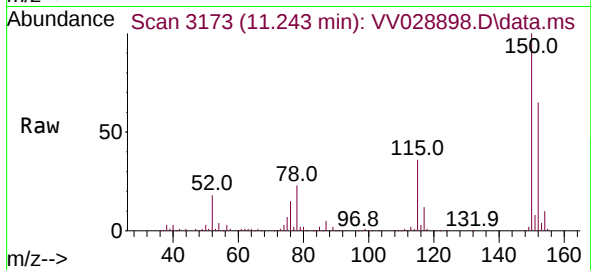
127 0.0 54.5 101.1#





#61
1,2,3-Trichloropropane
Concen: 1.529 ug/L
RT: 11.243 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028898.D
Acq: 12 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H0AE1



Tgt Ion: 75 Resp: 13952
Ion Ratio Lower Upper
75 100
77 35.5 26.2 39.2
110 2.8 32.6 48.8#

