

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028995.D
 Acq On : 15 Nov 2022 17:45
 Operator : SY/MD
 Sample : N5628-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL15

Quant Time: Nov 16 03:21:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

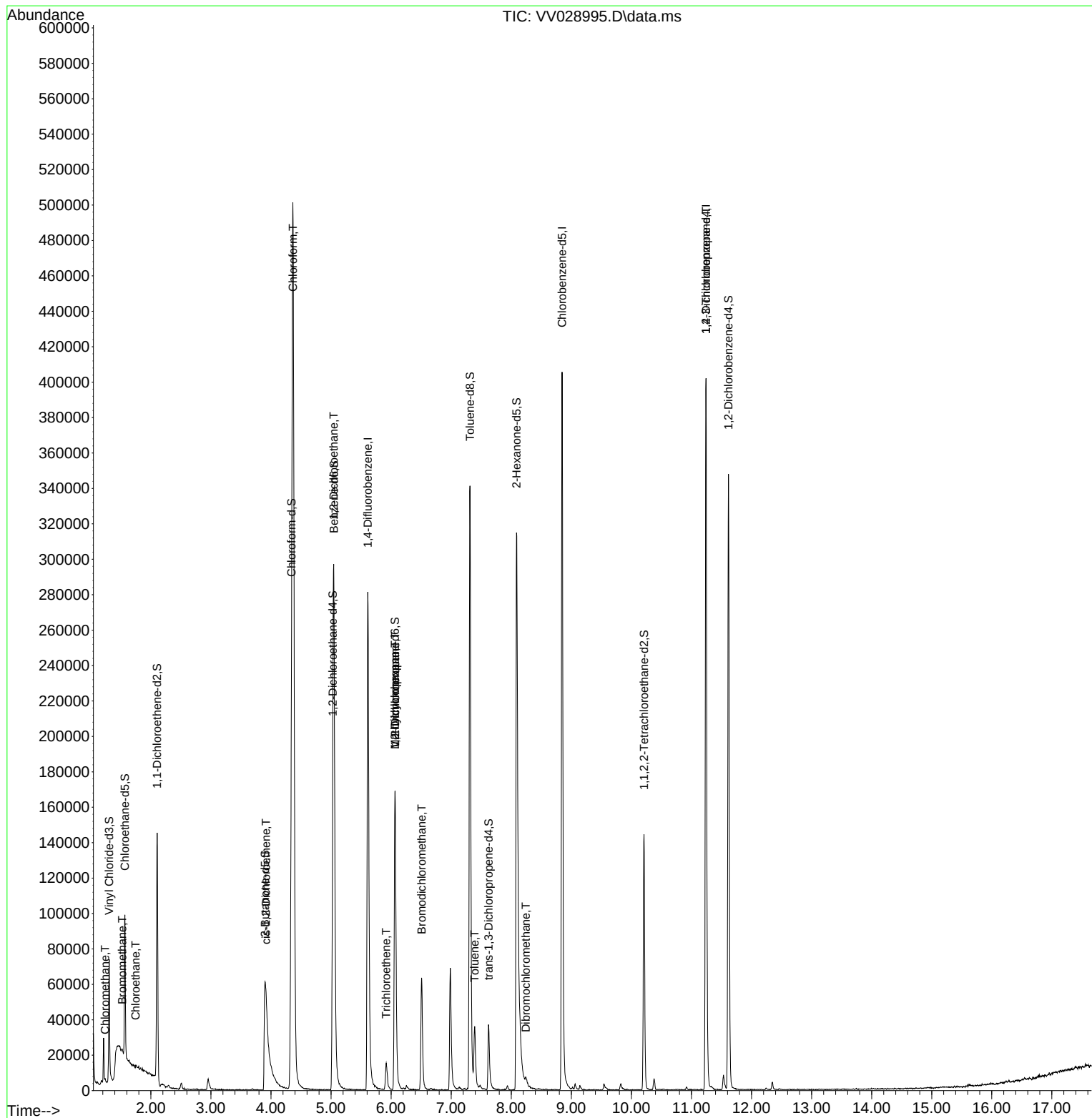
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	277132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47130	2.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.800%
7) Chloroethane-d5	1.568	69	52019	3.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.105	63	71346	2.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.400%#
20) 2-Butanone-d5	3.902	46	171244	60.549	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.100%
24) Chloroform-d	4.342	84	169633	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.027	65	70176	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.047	84	295282	3.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.063	67	90307	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.313	98	244835	3.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.622	79	25505	3.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.088	63	143004	49.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71974	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	97396	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1680	0.088	ug/L	90
6) Bromomethane	1.523	94	1483	0.113	ug/L	89
8) Chloroethane	1.748	64	1875	0.146	ug/L #	54
22) cis-1,2-Dichloroethene	3.915	96	2832	0.143	ug/L #	53
25) Chloroform	4.365	83	482481	14.469	ug/L	97
27) 1,2-Dichloroethane	5.043	62	1386	0.081	ug/L #	70
34) Trichloroethene	5.918	95	5834	0.298	ug/L	94
35) Methylcyclohexane	6.063	83	22202	0.646	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9647	0.547	ug/L #	85
38) Bromodichloromethane	6.510	83	46408	2.080	ug/L	95
42) Toluene	7.391	91	29582	0.358	ug/L	97
49) Dibromochloromethane	8.243	129	1622	0.116	ug/L	98
61) 1,2,3-Trichloropropane	11.242	75	11955	1.500	ug/L #	65

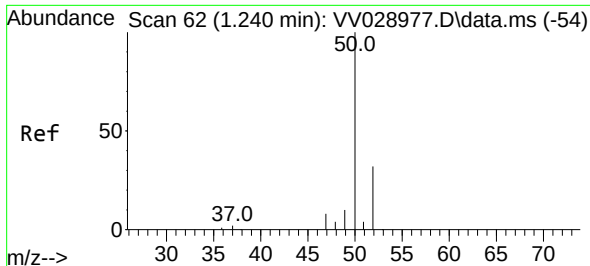
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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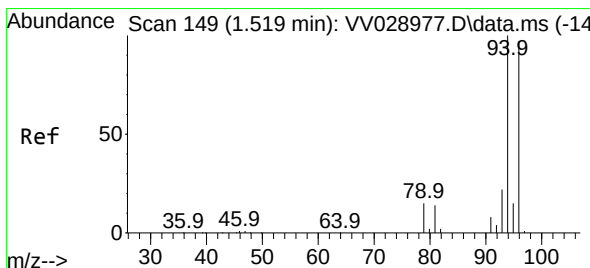
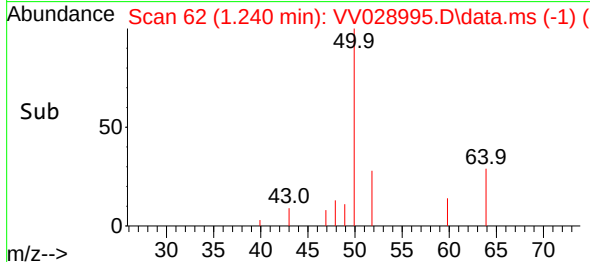
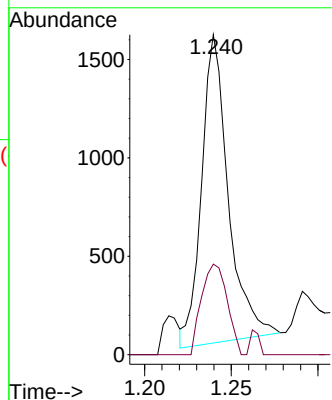
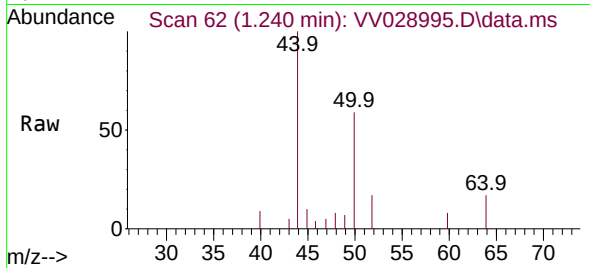




#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

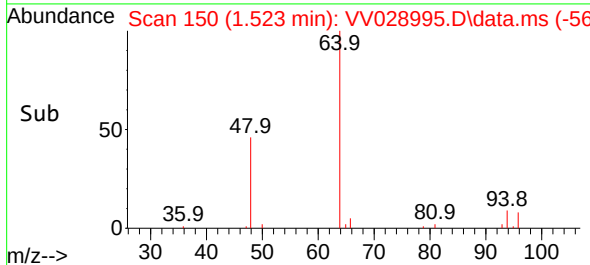
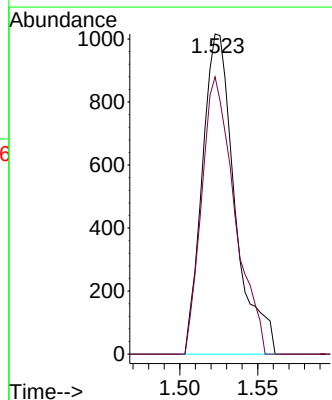
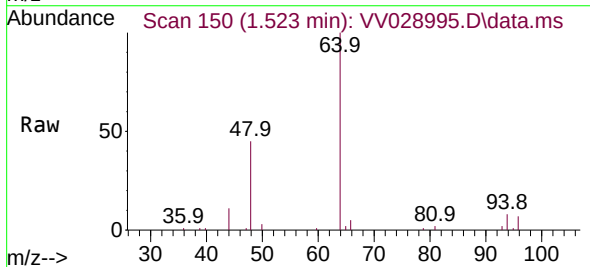
Instrument :
MSVOA_V
ClientSampleId :
COL15

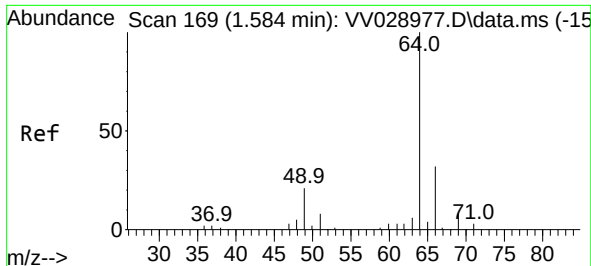
Tgt Ion: 50 Resp: 1680
Ion Ratio Lower Upper
50 100
52 28.3 23.7 43.9



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

Tgt Ion: 94 Resp: 1483
Ion Ratio Lower Upper
94 100
96 86.6 68.5 127.3

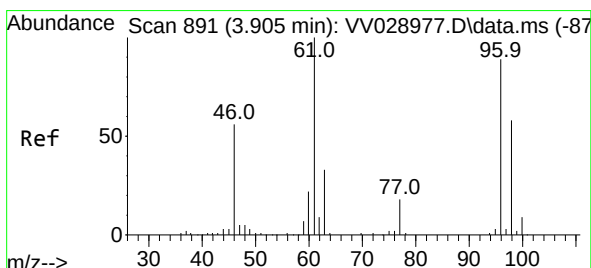
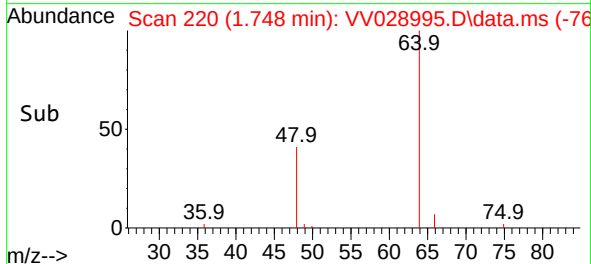
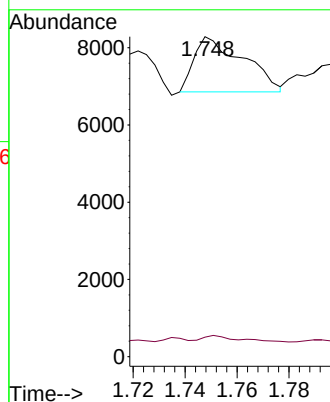
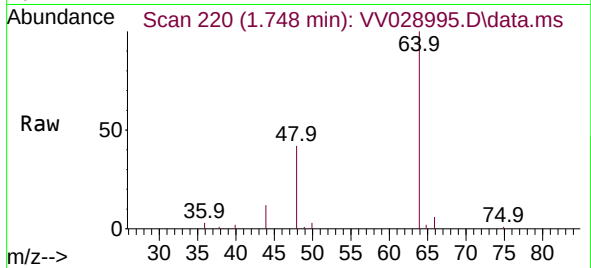




#8
Chloroethane
Concen: 0.146 ug/L
RT: 1.748 min Scan# 21
Delta R.T. 0.164 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

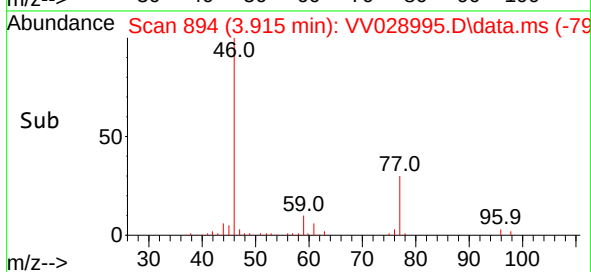
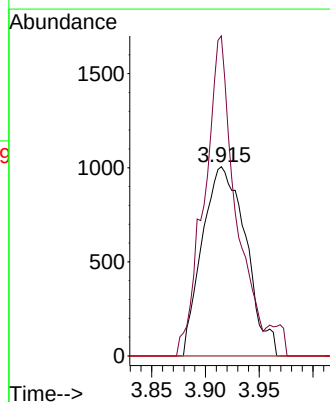
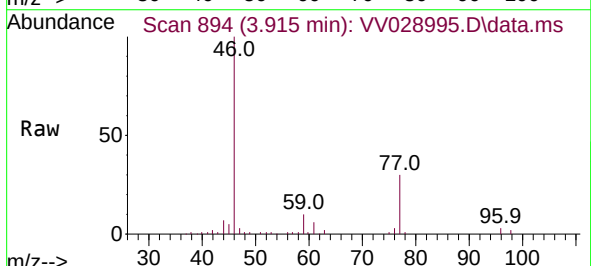
Instrument :
MSVOA_V
ClientSampleId :
COL15

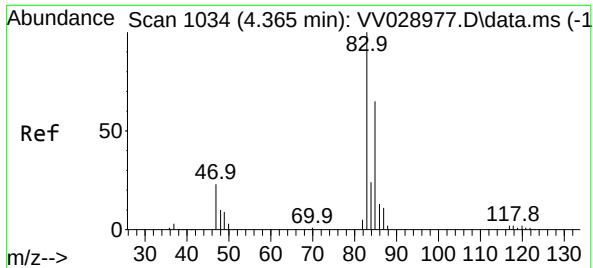
Tgt Ion: 64 Resp: 1875
Ion Ratio Lower Upper
64 100
66 6.0 22.0 40.8#



#22
cis-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

Tgt Ion: 96 Resp: 2832
Ion Ratio Lower Upper
96 100
61 169.0 82.3 152.9#
68 0.0 0.0 0.0

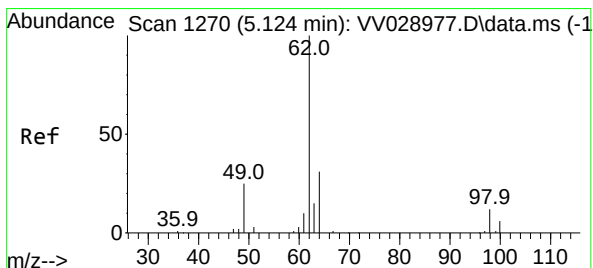
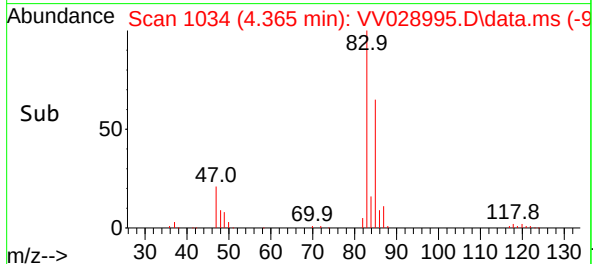
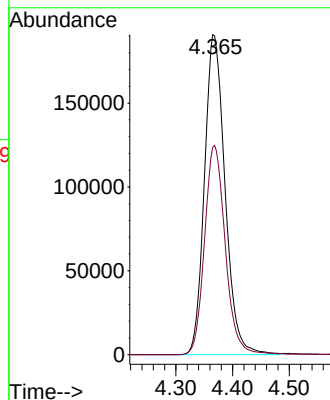
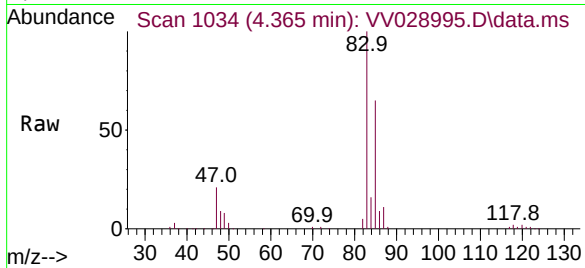




#25
Chloroform
Concen: 14.469 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

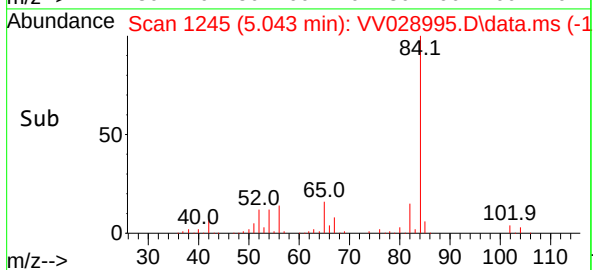
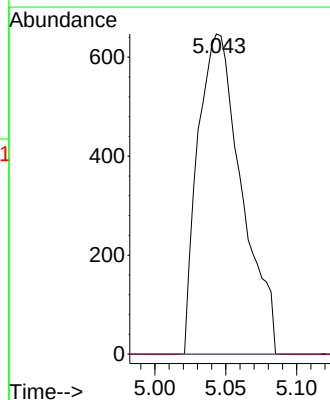
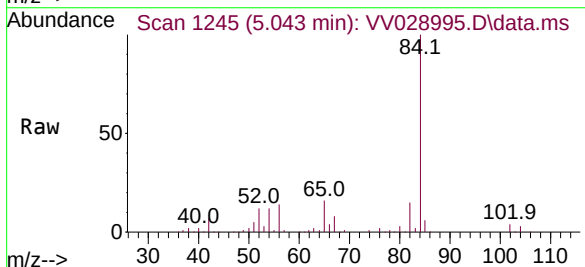
Instrument :
MSVOA_V
ClientSampleId :
COL15

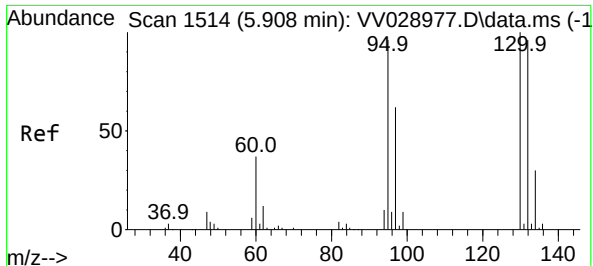
Tgt Ion: 83 Resp: 482481
Ion Ratio Lower Upper
83 100
85 64.8 43.7 81.1



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.080 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

Tgt Ion: 62 Resp: 1386
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



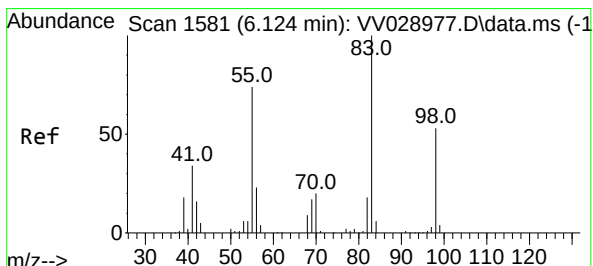
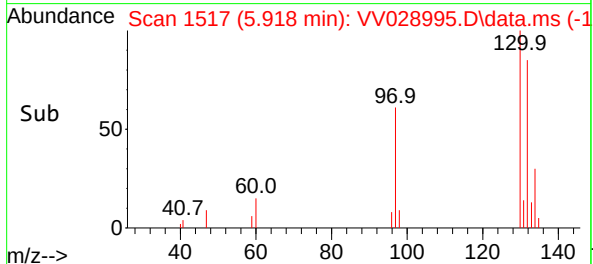
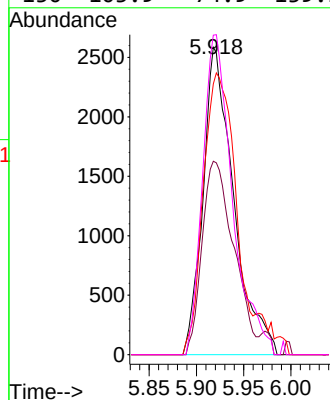
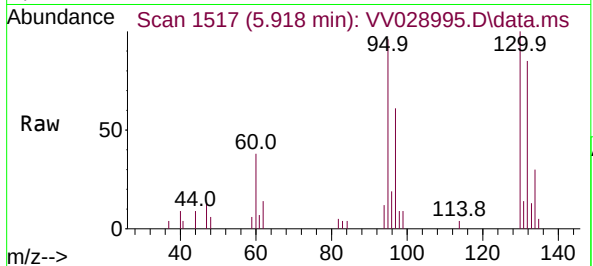


#34
Trichloroethene
Concen: 0.298 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
COL15

Tgt Ion: 95 Resp: 5834

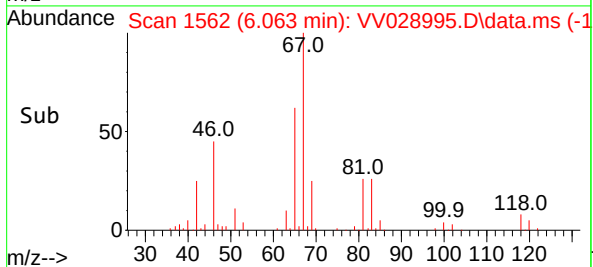
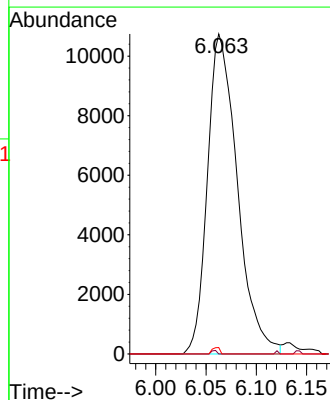
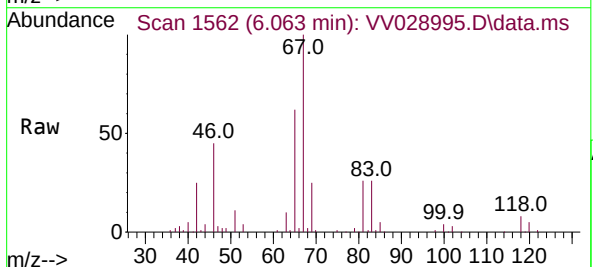
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.8
132	88.0	69.1	128.3
130	103.9	74.9	139.1

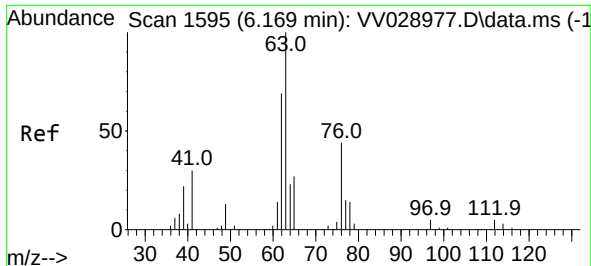


#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

Tgt Ion: 83 Resp: 22202

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	0.5	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV028995.D

Acq: 15 Nov 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

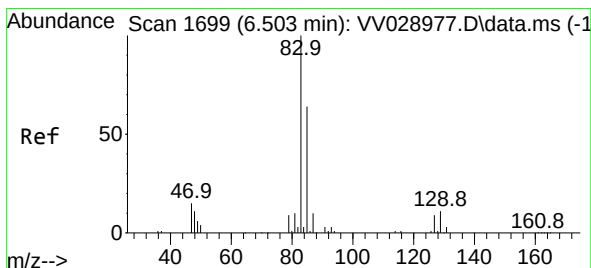
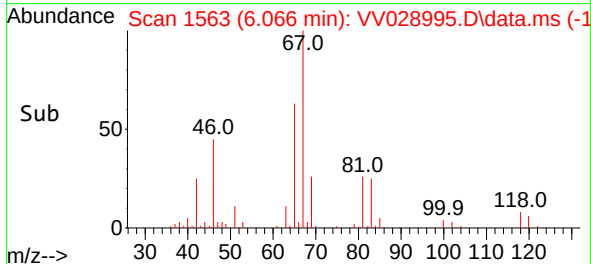
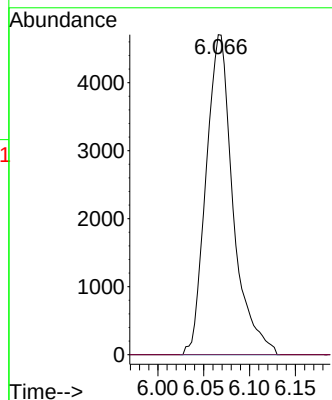
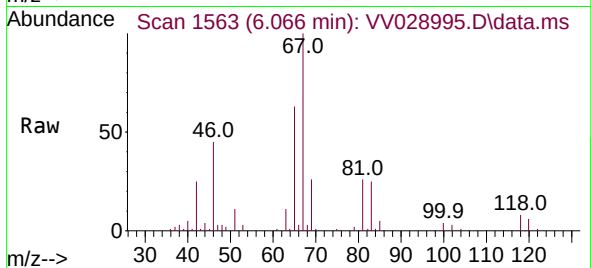
COL15

Tgt Ion: 63 Resp: 9647

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 2.080 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV028995.D

Acq: 15 Nov 2022 17:45

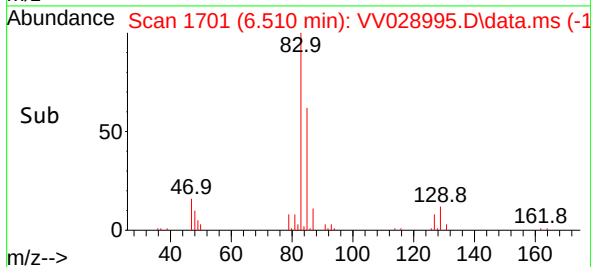
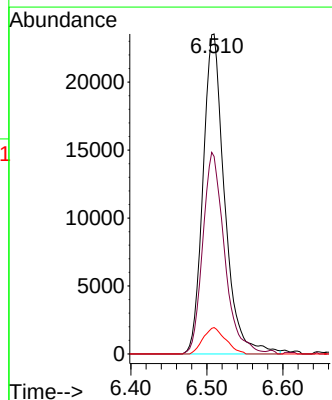
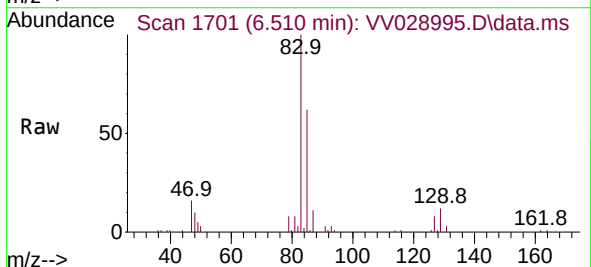
Tgt Ion: 83 Resp: 46408

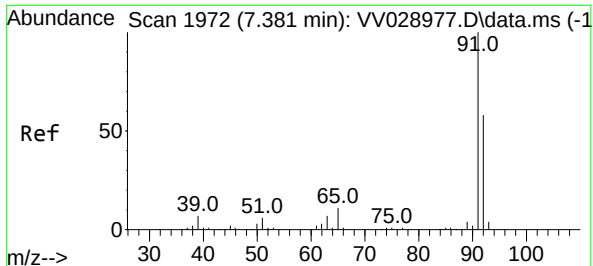
Ion Ratio Lower Upper

83 100

85 61.7 46.1 85.5

127 8.2 6.7 10.1

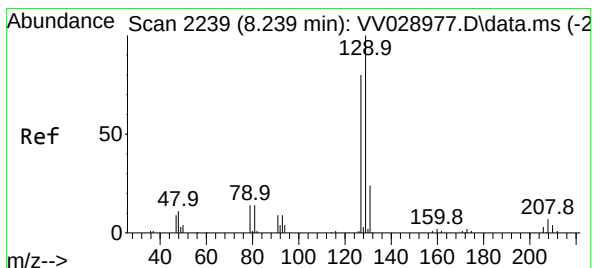
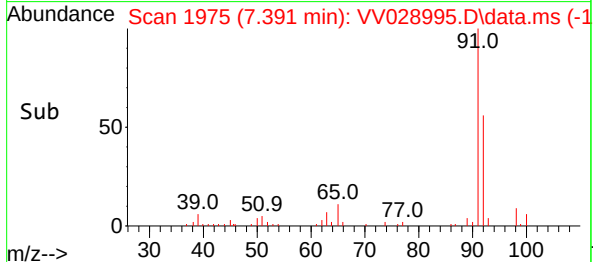
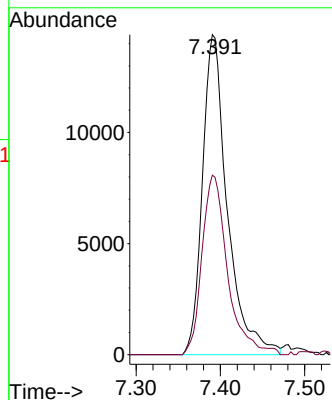
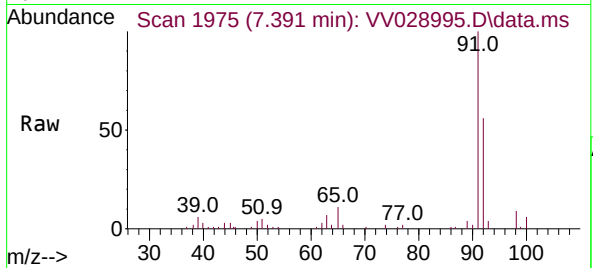




#42
Toluene
Concen: 0.358 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

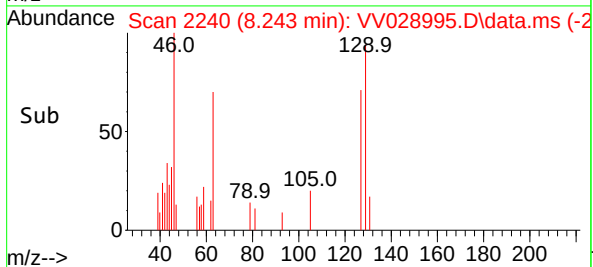
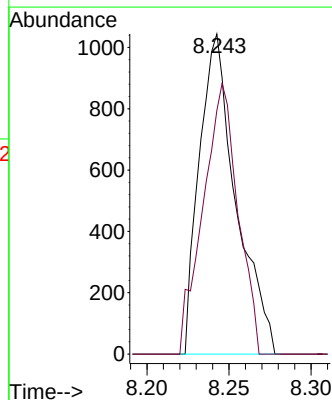
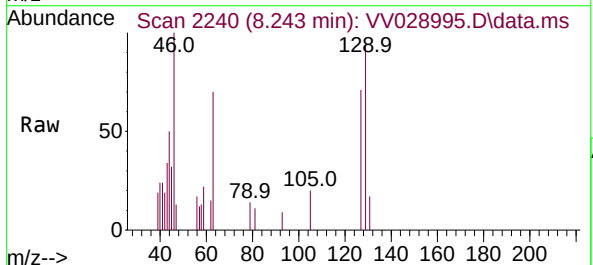
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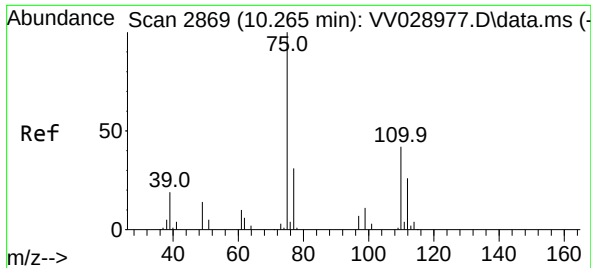
Tgt Ion: 91 Resp: 29582
Ion Ratio Lower Upper
91 100
92 56.1 40.7 75.5



#49
Dibromochloromethane
Concen: 0.116 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028995.D
Acq: 15 Nov 2022 17:45

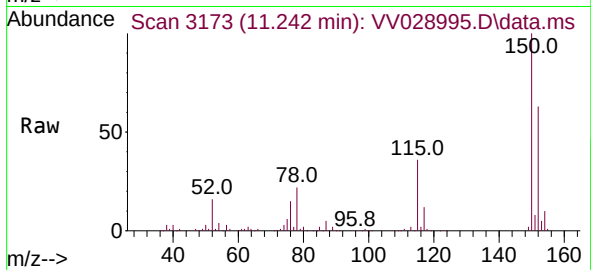
Tgt Ion: 129 Resp: 1622
Ion Ratio Lower Upper
129 100
127 76.1 54.5 101.1





#61
 1,2,3-Trichloropropane
 Concen: 1.500 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028995.D
 Acq: 15 Nov 2022 17:45

Instrument :
 MSVOA_V
 ClientSampleId :
 COL15



Tgt Ion:	75	Resp:	11955
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.2	39.2
110	1.7	32.6	48.8#

