

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031575.D
 Acq On : 16 Jun 2023 14:46
 Operator : SY/MD
 Sample : 03249-05DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS7DL

Quant Time: Jun 17 02:29:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

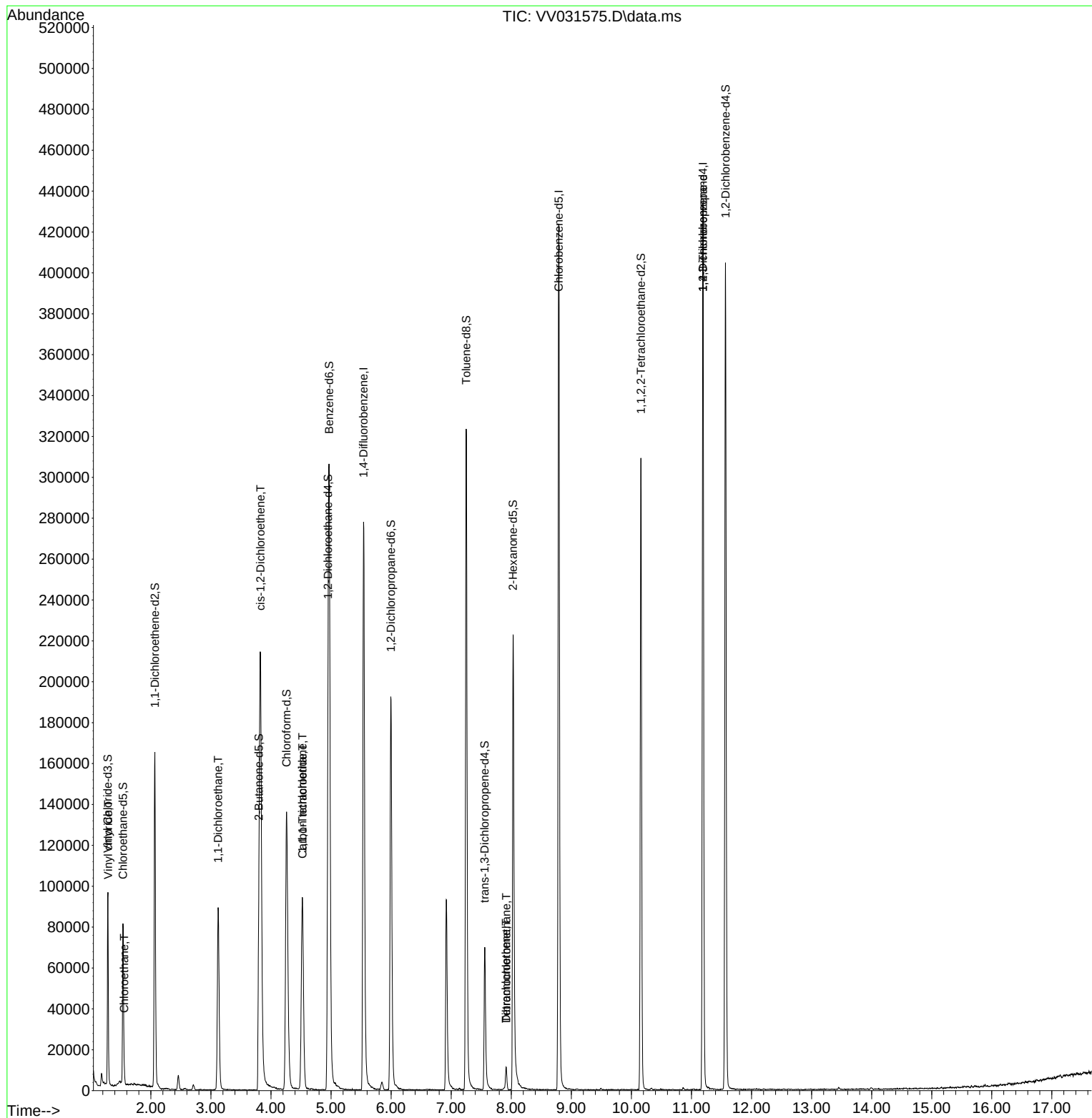
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	229503	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50255	32.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.800%
7) Chloroethane-d5	1.535	69	51792	38.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.720%
11) 1,1-Dichloroethene-d2	2.066	65	27555	35.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.000%
21) 2-Butanone-d5	3.799	46	108174	87.463	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.460%
24) Chloroform-d	4.259	84	149157	38.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.980%
26) 1,2-Dichloroethane-d4	4.950	65	101365	42.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
32) Benzene-d6	4.969	84	262836	41.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
36) 1,2-Dichloropropane-d6	5.995	67	95861	42.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.900%
41) Toluene-d8	7.249	98	220819	37.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.540%#
43) trans-1,3-Dichloroprop...	7.558	79	43211	39.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.500%
47) 2-Hexanone-d5	8.030	63	80553	90.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148197	43.475	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.960%
66) 1,2-Dichlorobenzene-d4	11.567	152	101362	47.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	12420	5.454	ug/L	91
8) Chloroethane	1.555	64	2616	1.779	ug/L	98
19) 1,1-Dichloroethane	3.121	63	92257	24.115	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	102512	53.514	ug/L	92
30) 1,1,1-Trichloroethane	4.522	97	80559	22.197	ug/L	98
31) Carbon tetrachloride	4.526	117	10028	3.118	ug/L	97
46) Tetrachloroethene	7.915	164	1655	1.047	ug/L	97
49) Dibromochloromethane	7.918	129	1785	0.768	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	12903	5.875	ug/L #	65

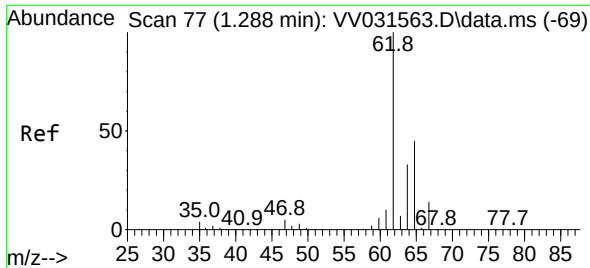
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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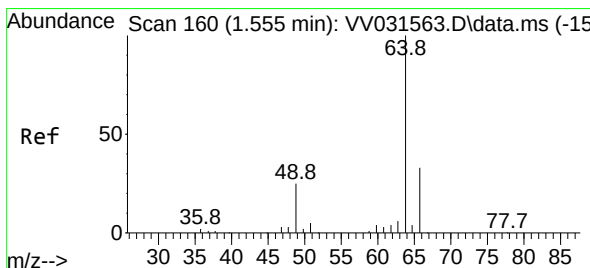
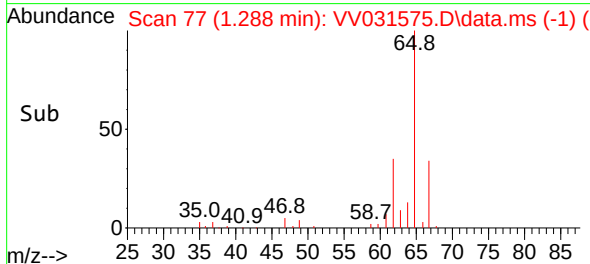
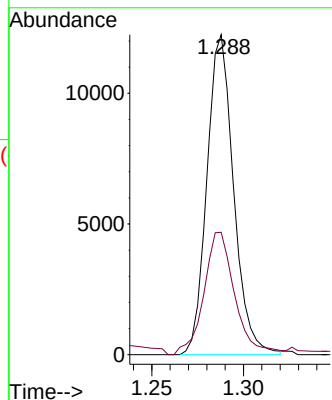
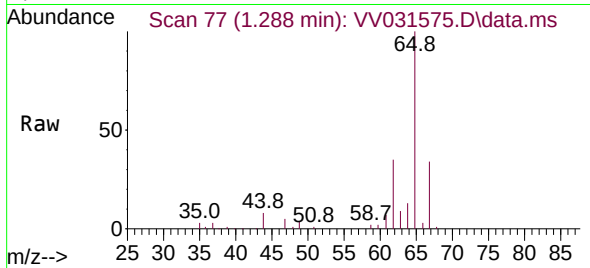




#5
 Vinyl chloride
 Concen: 5.454 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031575.D
 Acq: 16 Jun 2023 14:46

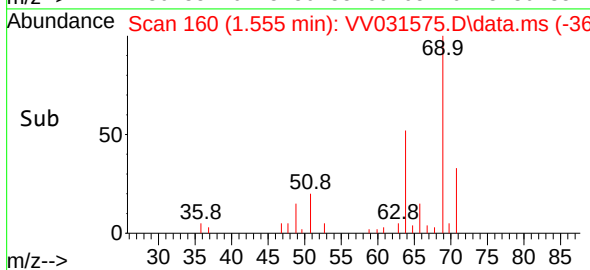
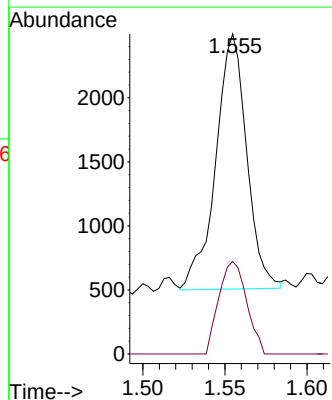
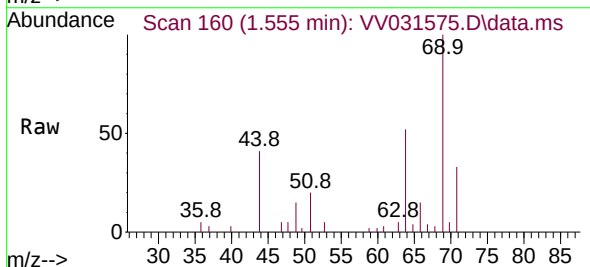
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS7DL

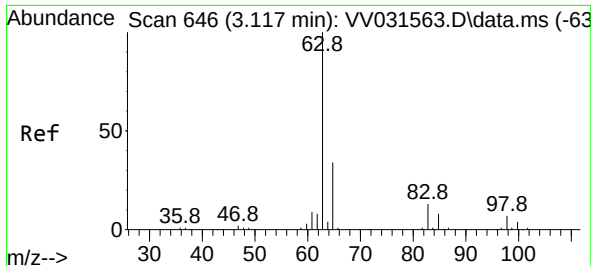
Tgt Ion: 62 Resp: 12420
 Ion Ratio Lower Upper
 62 100
 64 38.2 23.4 43.4



#8
 Chloroethane
 Concen: 1.779 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VV031575.D
 Acq: 16 Jun 2023 14:46

Tgt Ion: 64 Resp: 2616
 Ion Ratio Lower Upper
 64 100
 66 28.9 21.0 39.0





#19

1,1-Dichloroethane

Concen: 24.115 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031575.D

Acq: 16 Jun 2023 14:46

Instrument :

MSVOA_V

ClientSampleId :

EXYS7DL

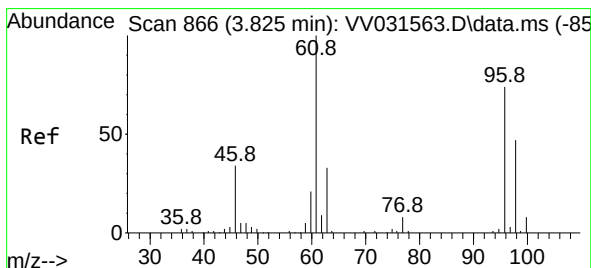
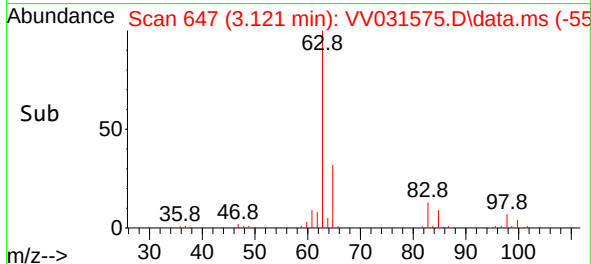
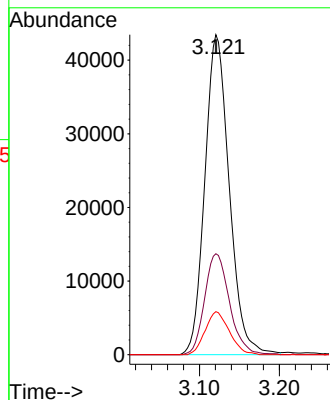
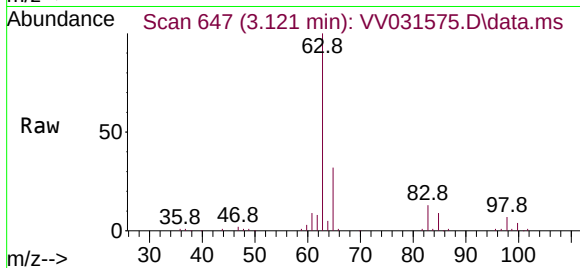
Tgt Ion: 63 Resp: 92257

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 14.3 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 53.514 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031575.D

Acq: 16 Jun 2023 14:46

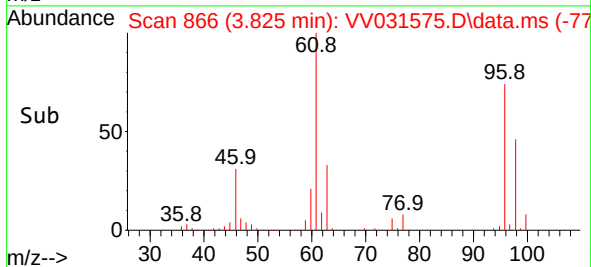
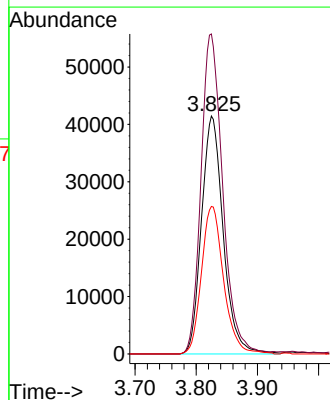
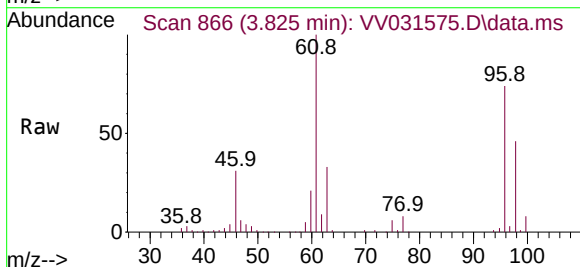
Tgt Ion: 96 Resp: 102512

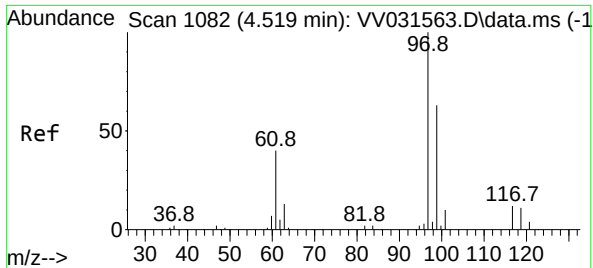
Ion Ratio Lower Upper

96 100

61 129.9 98.6 183.0

98 61.3 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 22.197 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031575.D

Acq: 16 Jun 2023 14:46

Instrument :

MSVOA_V

ClientSampleId :

EXYS7DL

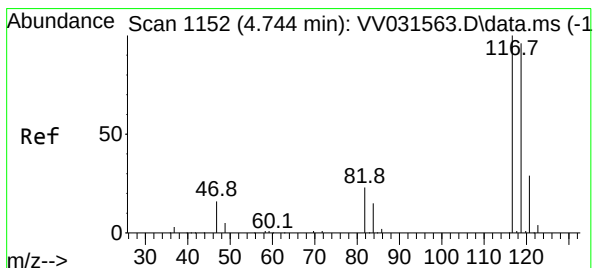
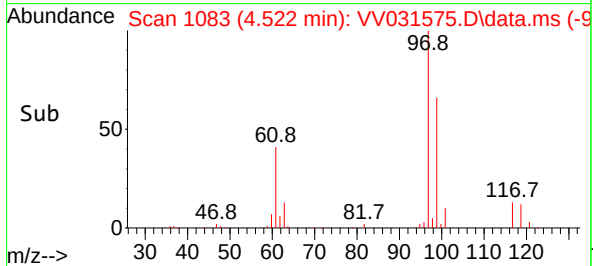
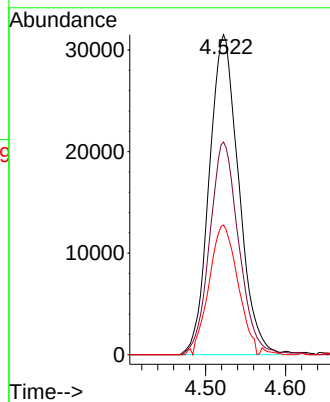
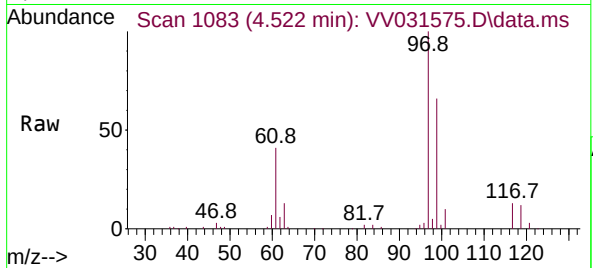
Tgt Ion: 97 Resp: 80559

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

61 39.3 33.0 49.6



#31

Carbon tetrachloride

Concen: 3.118 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV031575.D

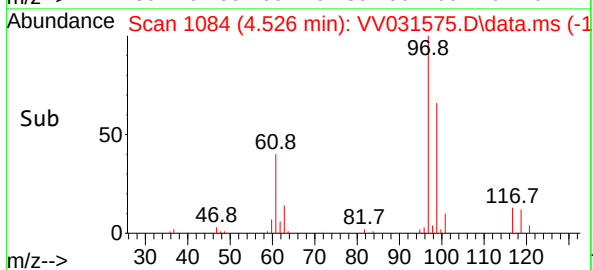
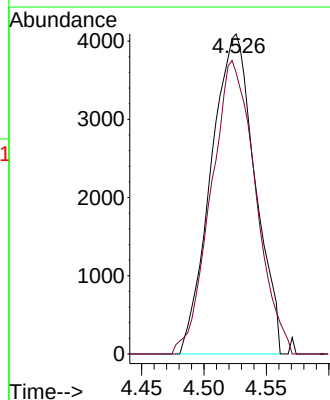
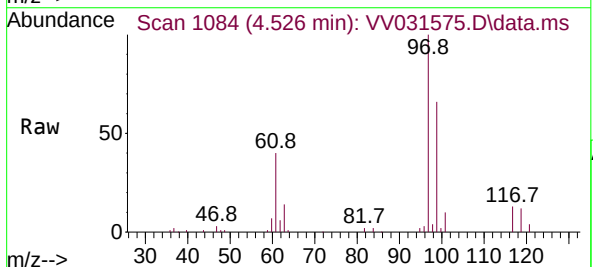
Acq: 16 Jun 2023 14:46

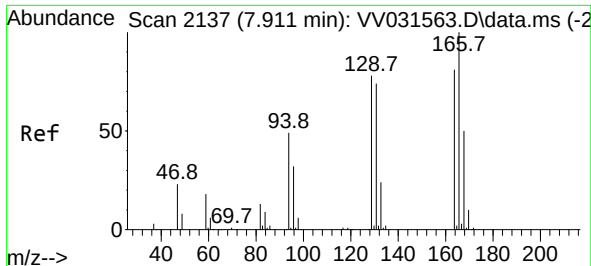
Tgt Ion: 117 Resp: 10028

Ion Ratio Lower Upper

117 100

119 92.9 76.2 114.4

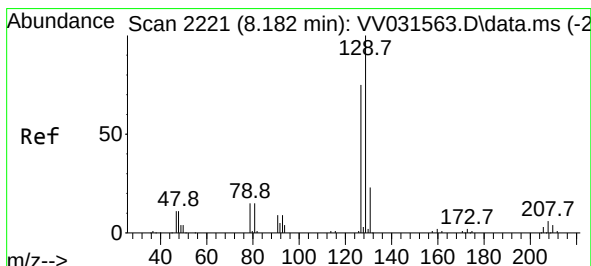
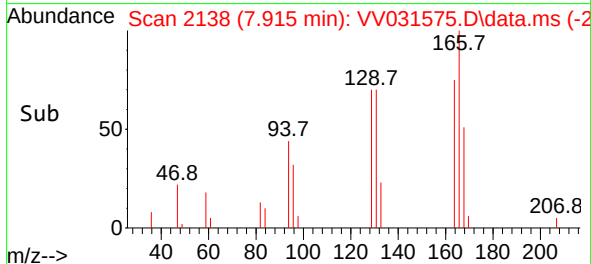
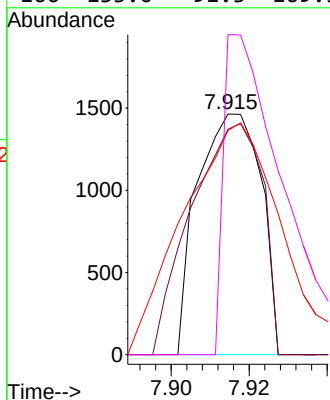
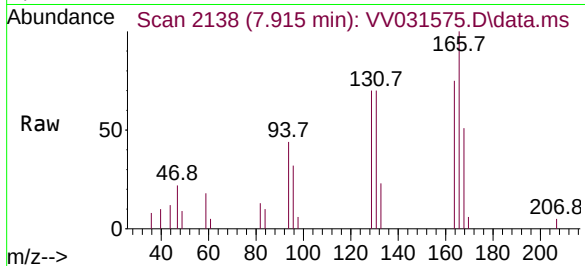




#46
Tetrachloroethene
Concen: 1.047 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031575.D
Acq: 16 Jun 2023 14:46

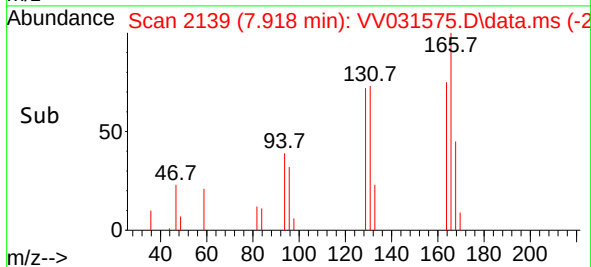
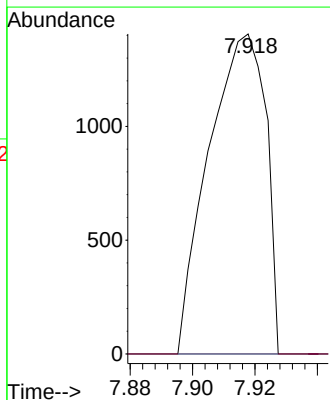
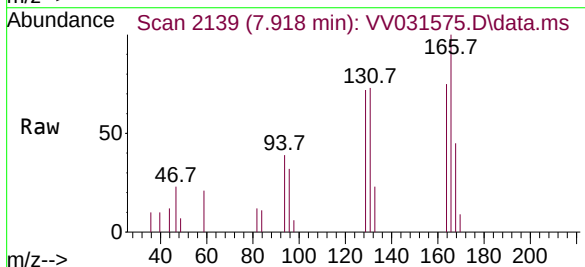
Instrument :
MSVOA_V
ClientSampleId :
EXYS7DL

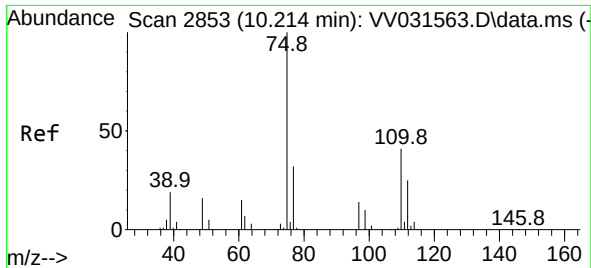
Tgt Ion:	164	Resp:	1655
Ion	Ratio	Lower	Upper
164	100		
129	93.7	68.4	127.0
131	93.2	67.6	125.6
166	133.0	91.3	169.5



#49
Dibromochloromethane
Concen: 0.768 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. -0.264 min
Lab File: VV031575.D
Acq: 16 Jun 2023 14:46

Tgt Ion:	129	Resp:	1785
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.875 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031575.D
 Acq: 16 Jun 2023 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS7DL

Tgt Ion: 75 Resp: 12903
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.0
 110 3.7 31.3 46.9#

