

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030597.D
 Acq On : 17 Apr 2023 18:36
 Operator : SY/MD
 Sample : 02360-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN7

Quant Time: Apr 18 02:51:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

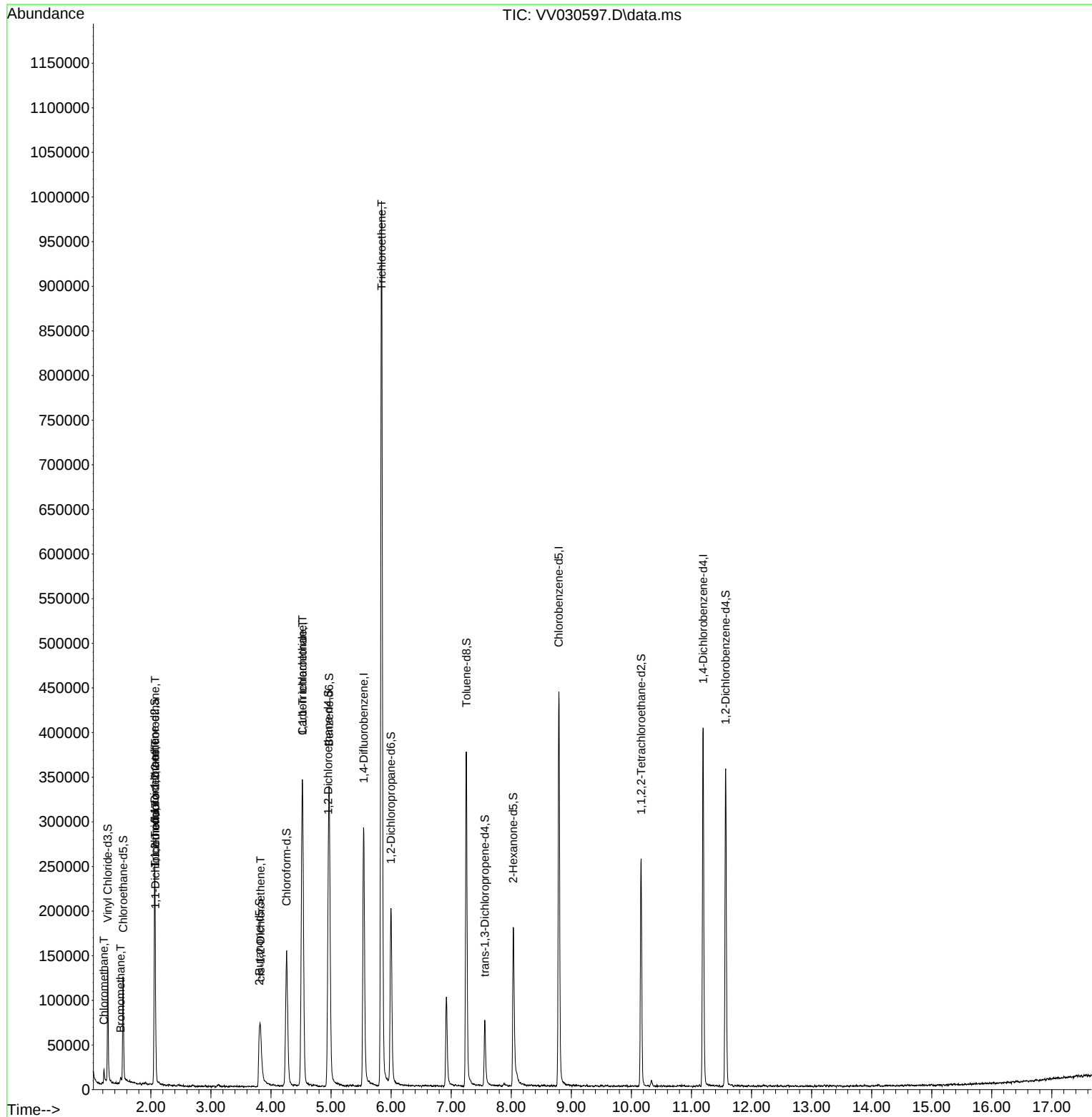
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246090	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	83930	46.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.040%
7) Chloroethane-d5	1.539	69	70392	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	2.063	65	39261	45.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.780%
21) 2-Butanone-d5	3.805	46	97143	98.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.040%
24) Chloroform-d	4.259	84	150140	45.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	4.953	65	101570	48.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	4.969	84	281082	50.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	5.998	67	89094	51.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.820%
41) Toluene-d8	7.252	98	243541	46.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
43) trans-1,3-Dichloroprop...	7.561	79	40652	46.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.080%
47) 2-Hexanone-d5	8.034	63	60847	89.124	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.120%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	115445	45.907	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.820%
66) 1,2-Dichlorobenzene-d4	11.570	152	90343	53.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	13095	4.718	ug/L	97
6) Bromomethane	1.497	94	2880	3.246	ug/L	95
9) Trichlorofluoromethane	2.072	101	4671	1.288	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4783	2.510	ug/L #	86
12) 1,1-Dichloroethene	2.076	96	4349	2.524	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	17503	9.250	ug/L	93
30) 1,1,1-Trichloroethane	4.522	97	279523	84.298	ug/L	99
31) Carbon tetrachloride	4.522	117	34687	11.700	ug/L	99
34) Trichloroethene	5.841	95	334388	179.398	ug/L	98

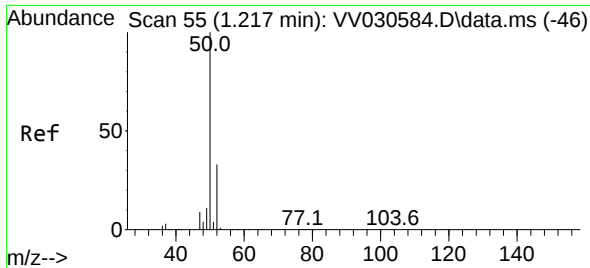
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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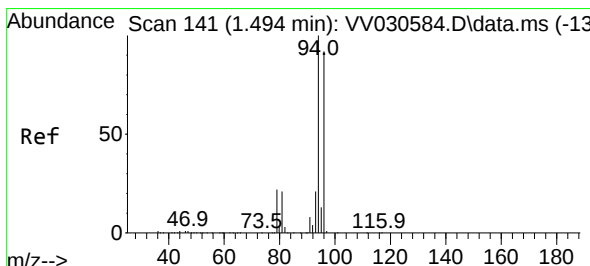
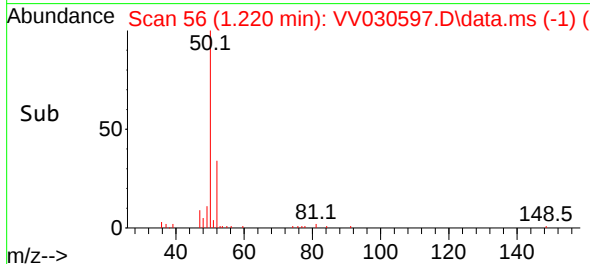
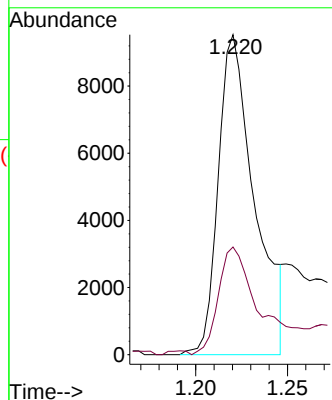
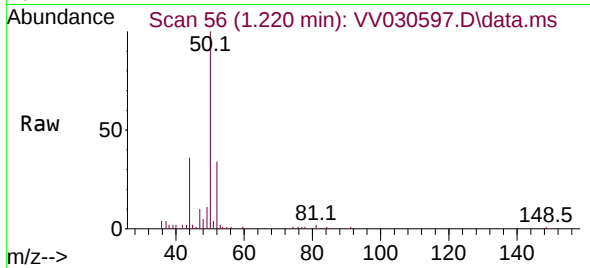




#3
Chloromethane
Concen: 4.718 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030597.D
Acq: 17 Apr 2023 18:36

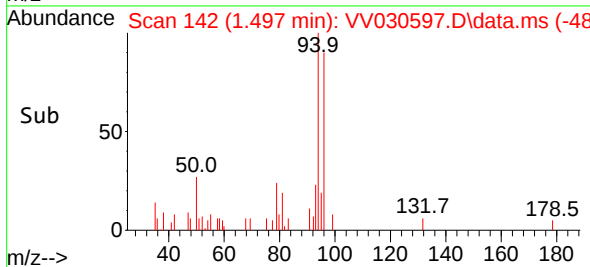
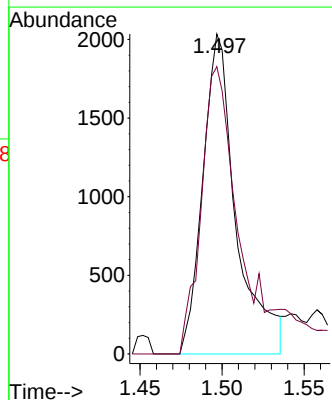
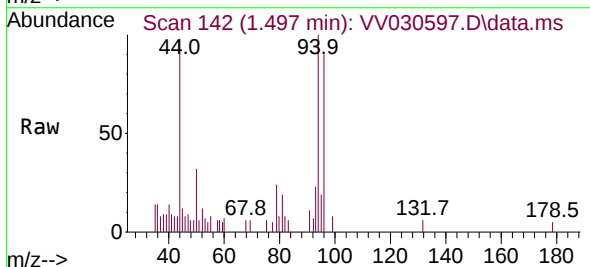
Instrument :
MSVOA_V
ClientSampleId :
C0AN7

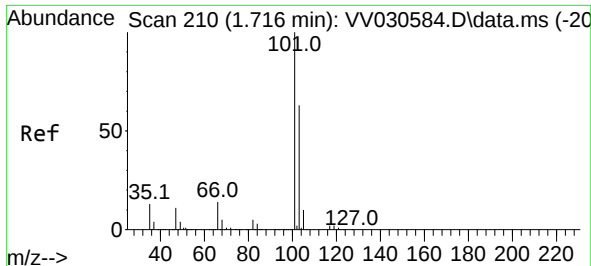
Tgt Ion: 50 Resp: 13095
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.9



#6
Bromomethane
Concen: 3.246 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030597.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 94 Resp: 2880
Ion Ratio Lower Upper
94 100
96 89.8 66.3 123.1





#9

Trichlorofluoromethane

Concen: 1.288 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.357 min

Lab File: VV030597.D

Acq: 17 Apr 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

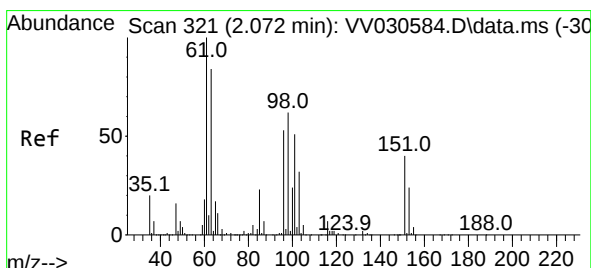
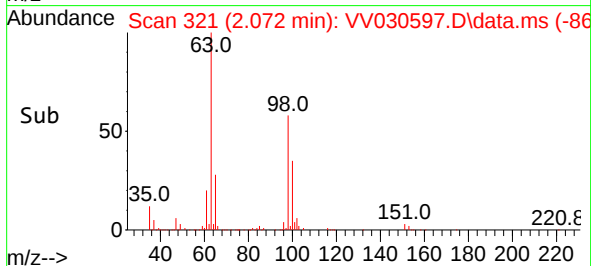
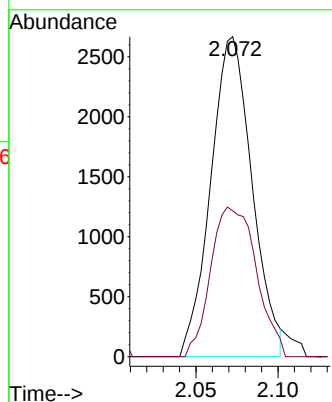
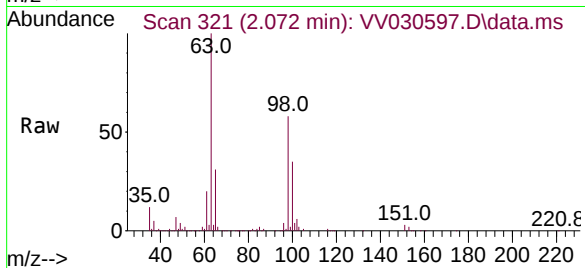
COAN7

Tgt Ion:101 Resp: 4671

Ion Ratio Lower Upper

101 100

103 51.6 51.4 77.0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.510 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030597.D

Acq: 17 Apr 2023 18:36

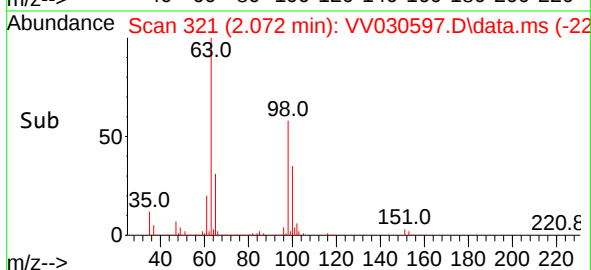
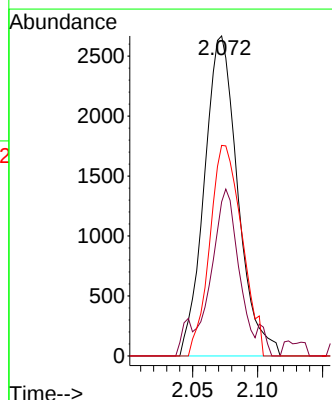
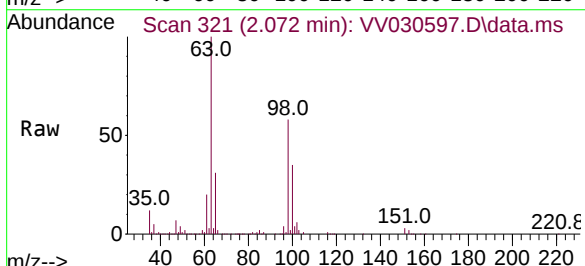
Tgt Ion:101 Resp: 4783

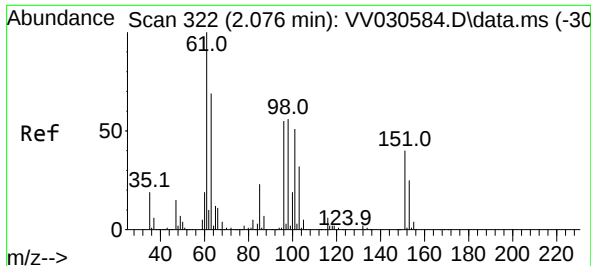
Ion Ratio Lower Upper

101 100

85 41.8 37.5 56.3

151 63.3 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 2.524 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030597.D

Acq: 17 Apr 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

COAN7

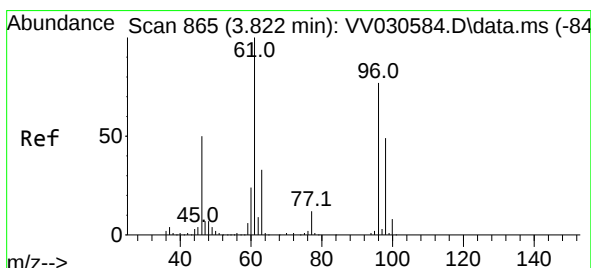
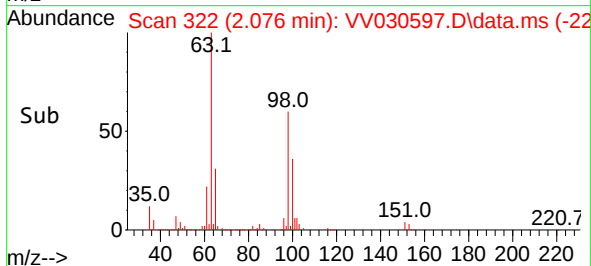
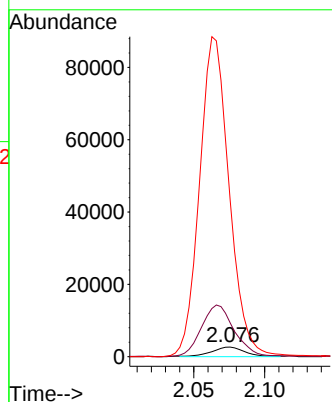
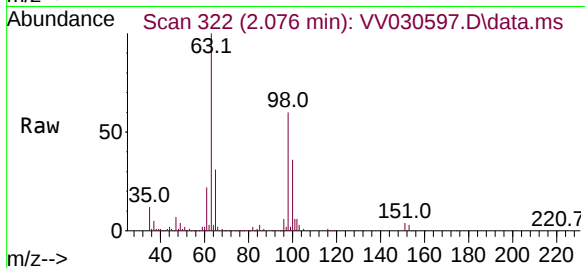
Tgt Ion: 96 Resp: 4349

Ion Ratio Lower Upper

96 100

61 352.0 131.9 245.0#

63 1628.8 99.8 185.3#



#20

cis-1,2-Dichloroethene

Concen: 9.250 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030597.D

Acq: 17 Apr 2023 18:36

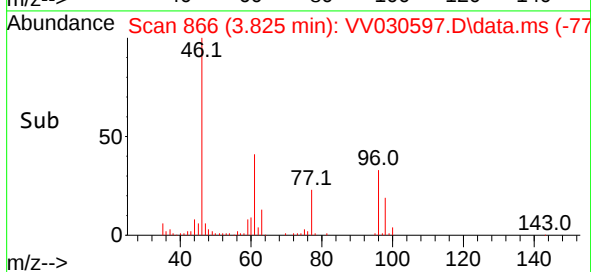
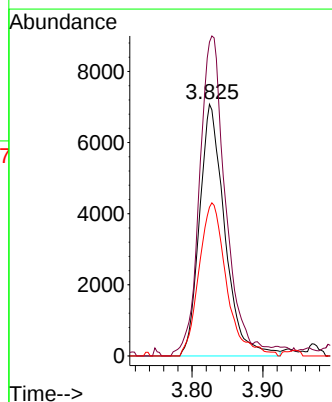
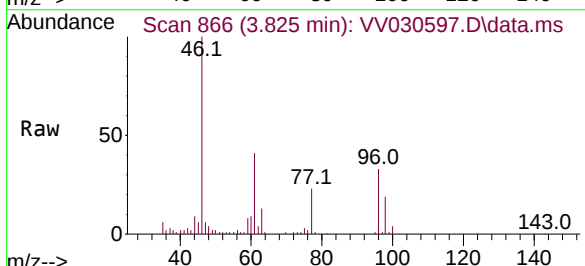
Tgt Ion: 96 Resp: 17503

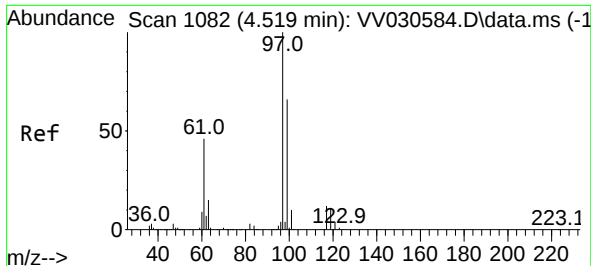
Ion Ratio Lower Upper

96 100

61 124.7 92.3 171.3

98 59.1 45.9 85.3

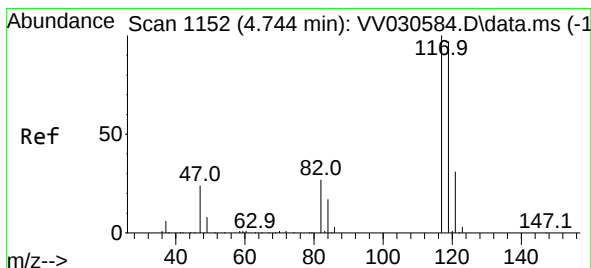
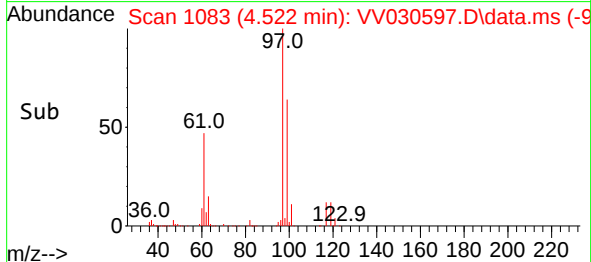
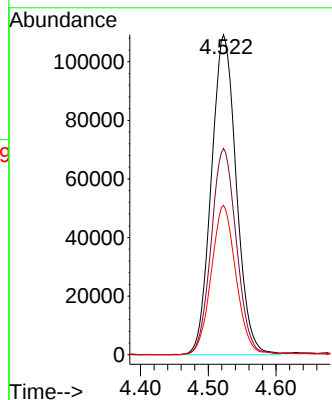
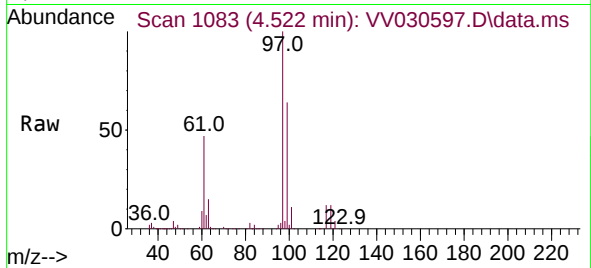




#30
1,1,1-Trichloroethane
Concen: 84.298 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030597.D
Acq: 17 Apr 2023 18:36

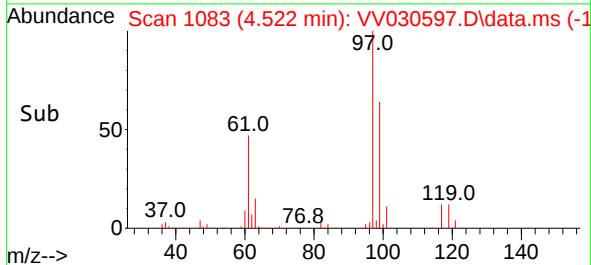
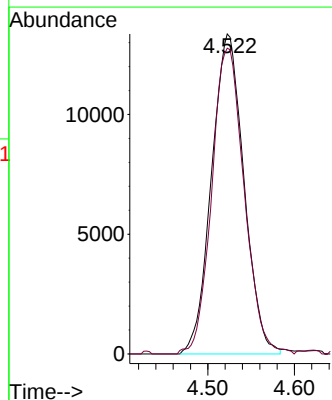
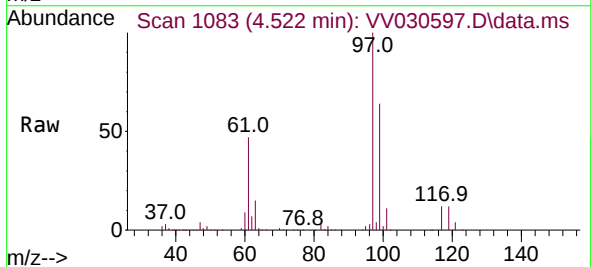
Instrument :
MSVOA_V
ClientSampleId :
COAN7

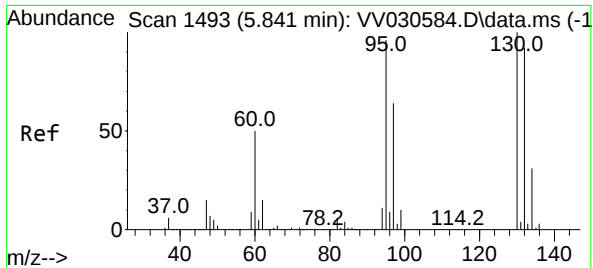
Tgt Ion: 97 Resp: 279523
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 46.3 37.0 55.6



#31
Carbon tetrachloride
Concen: 11.700 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030597.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 117 Resp: 34687
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9





#34
 Trichloroethene
 Concen: 179.398 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VV030597.D
 Acq: 17 Apr 2023 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN7

Tgt Ion: 95 Resp: 334388

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	95.8	70.6	131.2
130	102.2	70.9	131.7

