

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029531.D
 Acq On : 09 Dec 2022 19:05
 Operator : SY/MD
 Sample : N5959-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK9

Quant Time: Dec 09 23:53:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

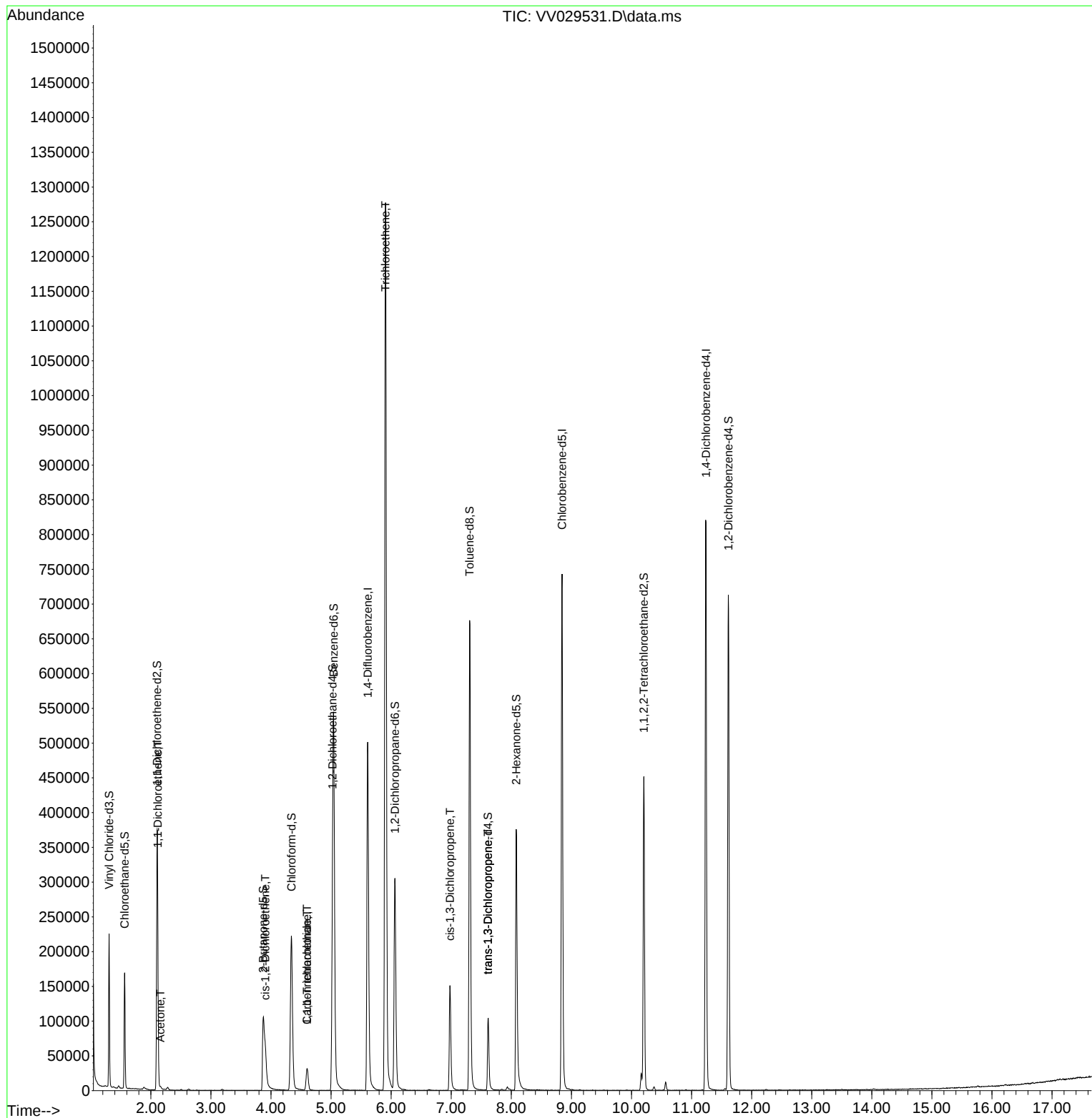
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	464857	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	428779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	224710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134676	47.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.620%
7) Chloroethane-d5	1.564	69	109137	50.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.560%
11) 1,1-Dichloroethene-d2	2.105	63	181284	40.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.660%
21) 2-Butanone-d5	3.870	46	164670	94.829	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.830%
24) Chloroform-d	4.339	84	238791	44.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.024	65	146211	47.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.043	84	527261	46.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	6.063	67	161850	46.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.540%
41) Toluene-d8	7.307	98	473029	44.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%
43) trans-1,3-Dichloroprop...	7.612	79	65398	37.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.840%
47) 2-Hexanone-d5	8.082	63	143375	97.019	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.020%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	223613	45.217	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	11.612	152	195751	45.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	29674	11.942	ug/L #	1
13) Acetone	2.159	43	2979	2.633	ug/L	90
20) cis-1,2-Dichloroethene	3.905	96	22457	7.133	ug/L	86
30) 1,1,1-Trichloroethane	4.600	97	26857	5.749	ug/L	100
31) Carbon tetrachloride	4.600	117	3729	0.914	ug/L	99
34) Trichloroethene	5.905	95	459140	151.602	ug/L	99
39) cis-1,3-Dichloropropene	6.979	75	3908	0.815	ug/L #	63
44) trans-1,3-Dichloropropene	7.612	75	2674	0.589	ug/L #	58

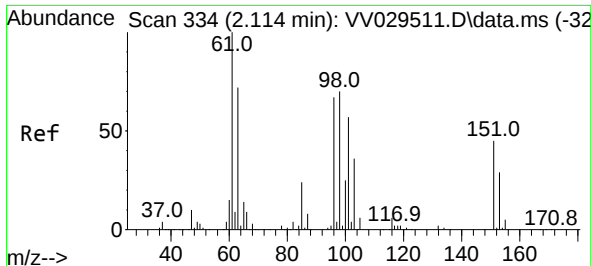
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 09 23:48:53 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 11.942 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029531.D

Acq: 09 Dec 2022 19:05

Instrument :

MSVOA_V

ClientSampleId :

C0EK9

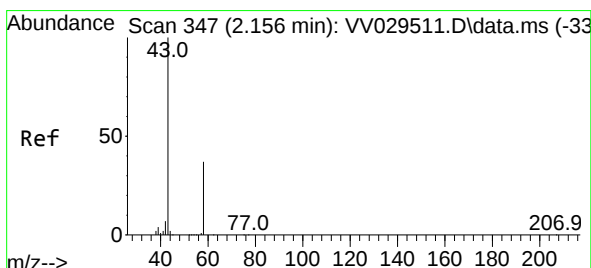
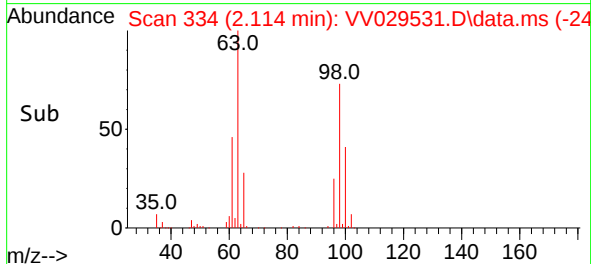
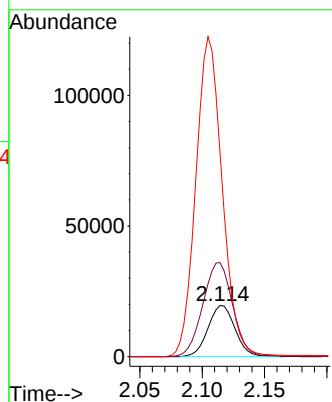
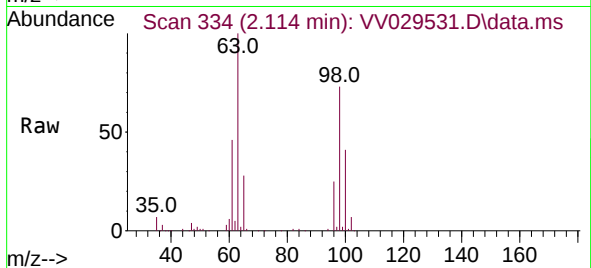
Tgt Ion: 96 Resp: 29674

Ion Ratio Lower Upper

96 100

61 183.8 103.3 191.9

63 397.5 77.3 143.7#



#13

Acetone

Concen: 2.633 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV029531.D

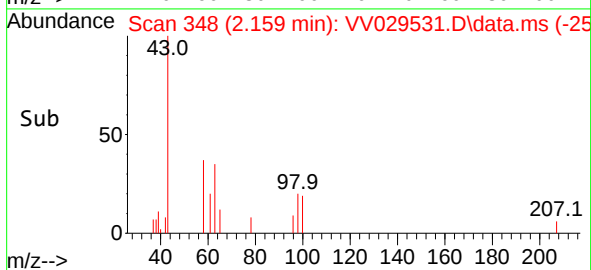
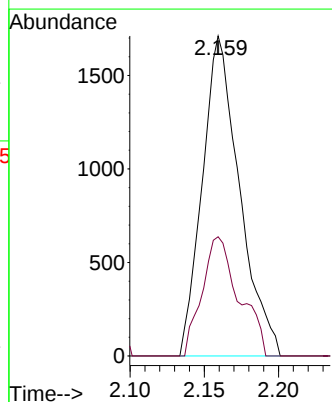
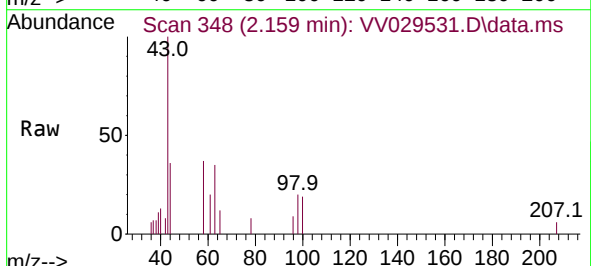
Acq: 09 Dec 2022 19:05

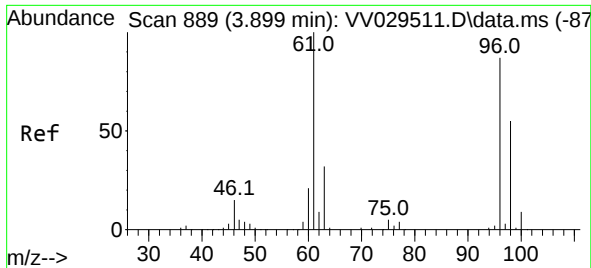
Tgt Ion: 43 Resp: 2979

Ion Ratio Lower Upper

43 100

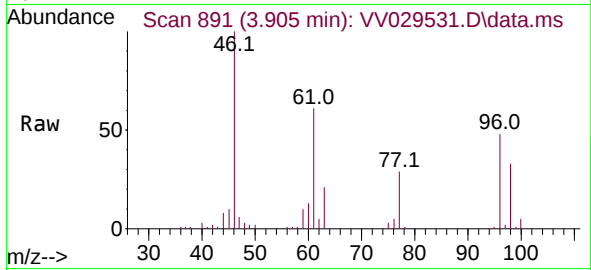
58 31.2 0.0 74.8



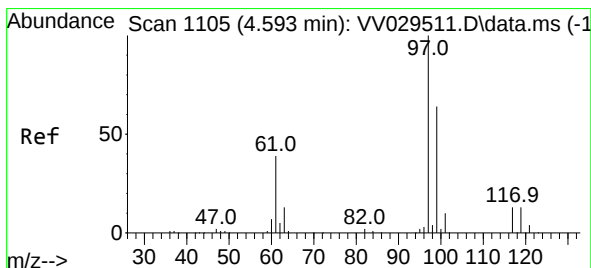
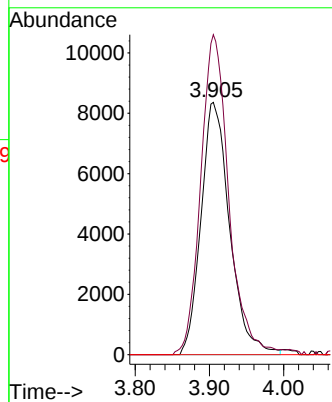
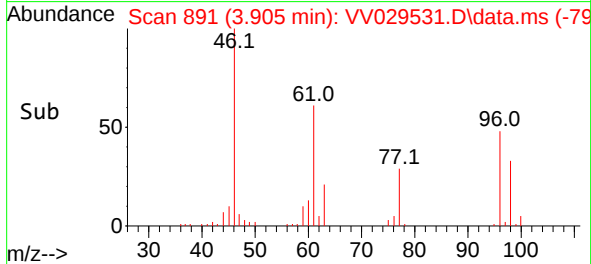


#20
 cis-1,2-Dichloroethene
 Concen: 7.133 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029531.D
 Acq: 09 Dec 2022 19:05

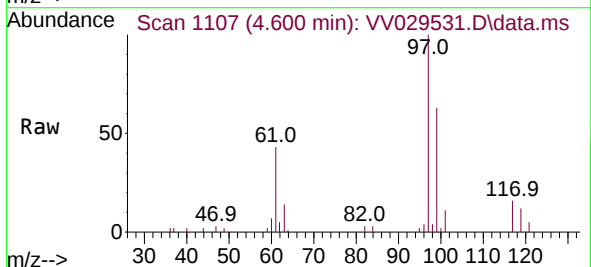
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK9



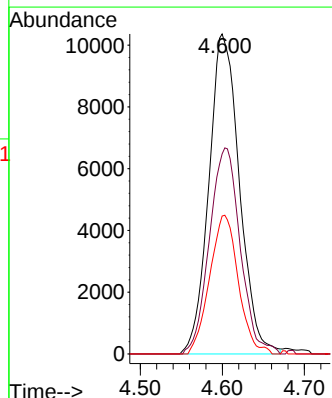
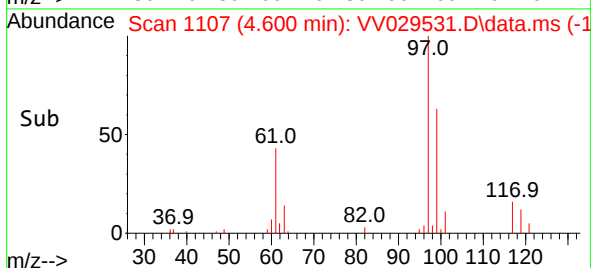
Tgt Ion: 96 Resp: 22457
 Ion Ratio Lower Upper
 96 100
 61 126.8 78.0 144.9
 68 0.0 0.0 0.0

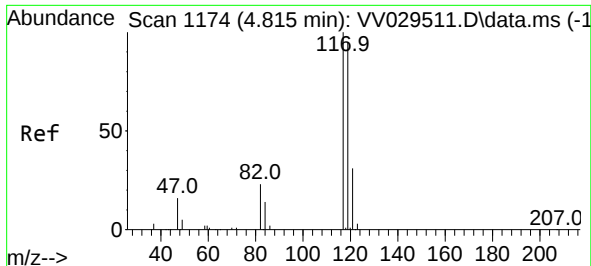


#30
 1,1,1-Trichloroethane
 Concen: 5.749 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VV029531.D
 Acq: 09 Dec 2022 19:05



Tgt Ion: 97 Resp: 26857
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.1 78.1
 61 40.2 31.8 47.8

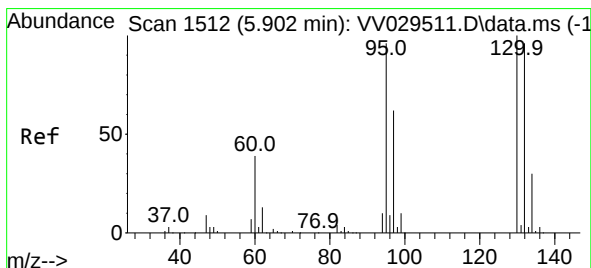
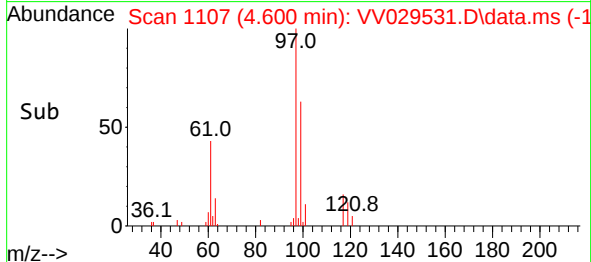
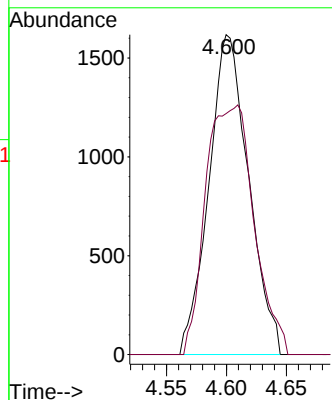
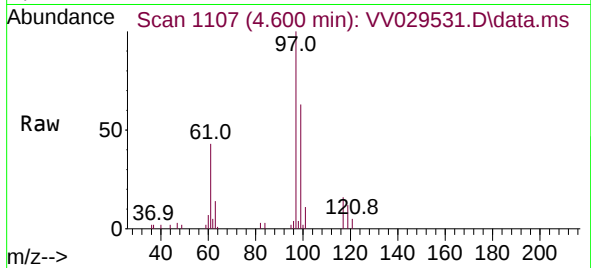




#31
Carbon tetrachloride
Concen: 0.914 ug/L
RT: 4.600 min Scan# 1174
Delta R.T. -0.215 min
Lab File: VV029531.D
Acq: 09 Dec 2022 19:05

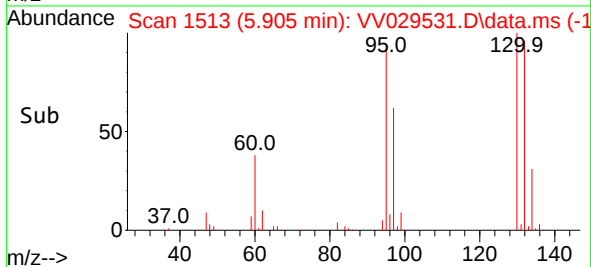
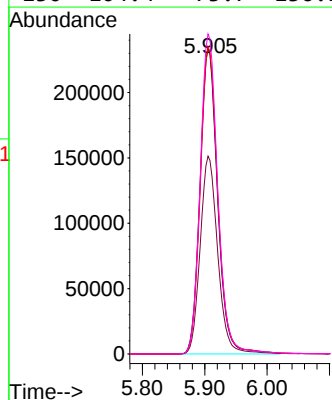
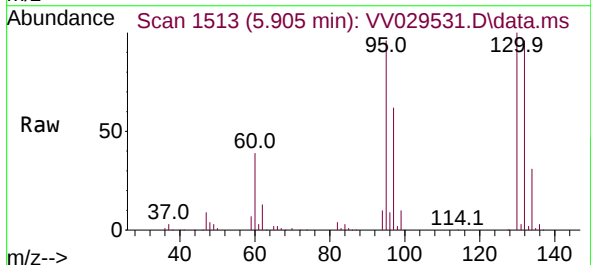
Instrument :
MSVOA_V
ClientSampleId :
C0EK9

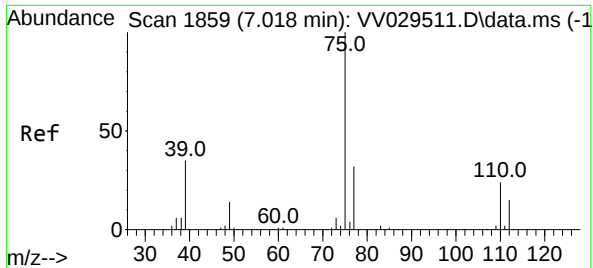
Tgt Ion:117 Resp: 3729
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#34
Trichloroethene
Concen: 151.602 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029531.D
Acq: 09 Dec 2022 19:05

Tgt Ion: 95 Resp: 459140
Ion Ratio Lower Upper
95 100
97 64.5 44.0 81.8
132 100.2 69.9 129.9
130 104.4 73.7 136.9





#39

cis-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029531.D

Acq: 09 Dec 2022 19:05

Instrument :

MSVOA_V

ClientSampleId :

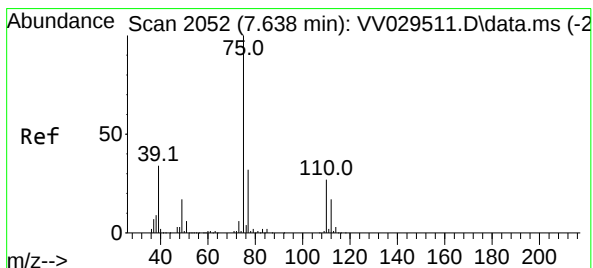
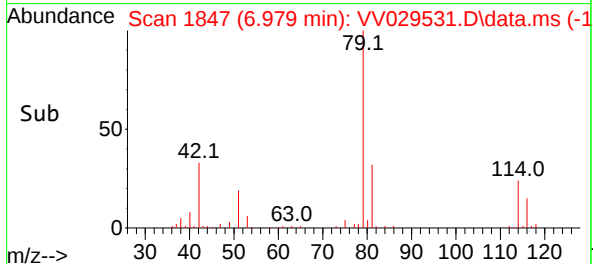
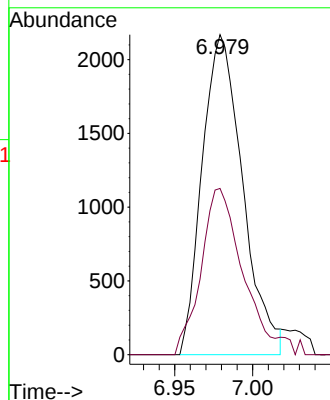
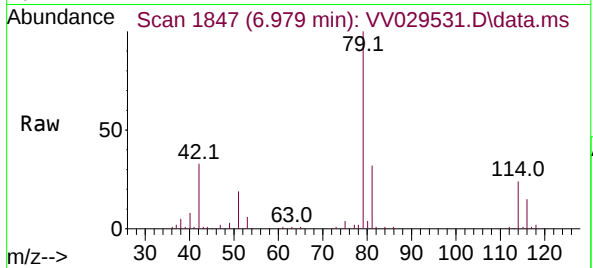
C0EK9

Tgt Ion: 75 Resp: 3908

Ion Ratio Lower Upper

75 100

77 52.0 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.589 ug/L

RT: 7.612 min Scan# 2044

Delta R.T. -0.026 min

Lab File: VV029531.D

Acq: 09 Dec 2022 19:05

Tgt Ion: 75 Resp: 2674

Ion Ratio Lower Upper

75 100

77 55.3 22.3 41.5#

