

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028561.D
 Acq On : 14 Oct 2022 20:25
 Operator : SY/MD
 Sample : N5103-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BB2

Quant Time: Oct 15 03:00:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

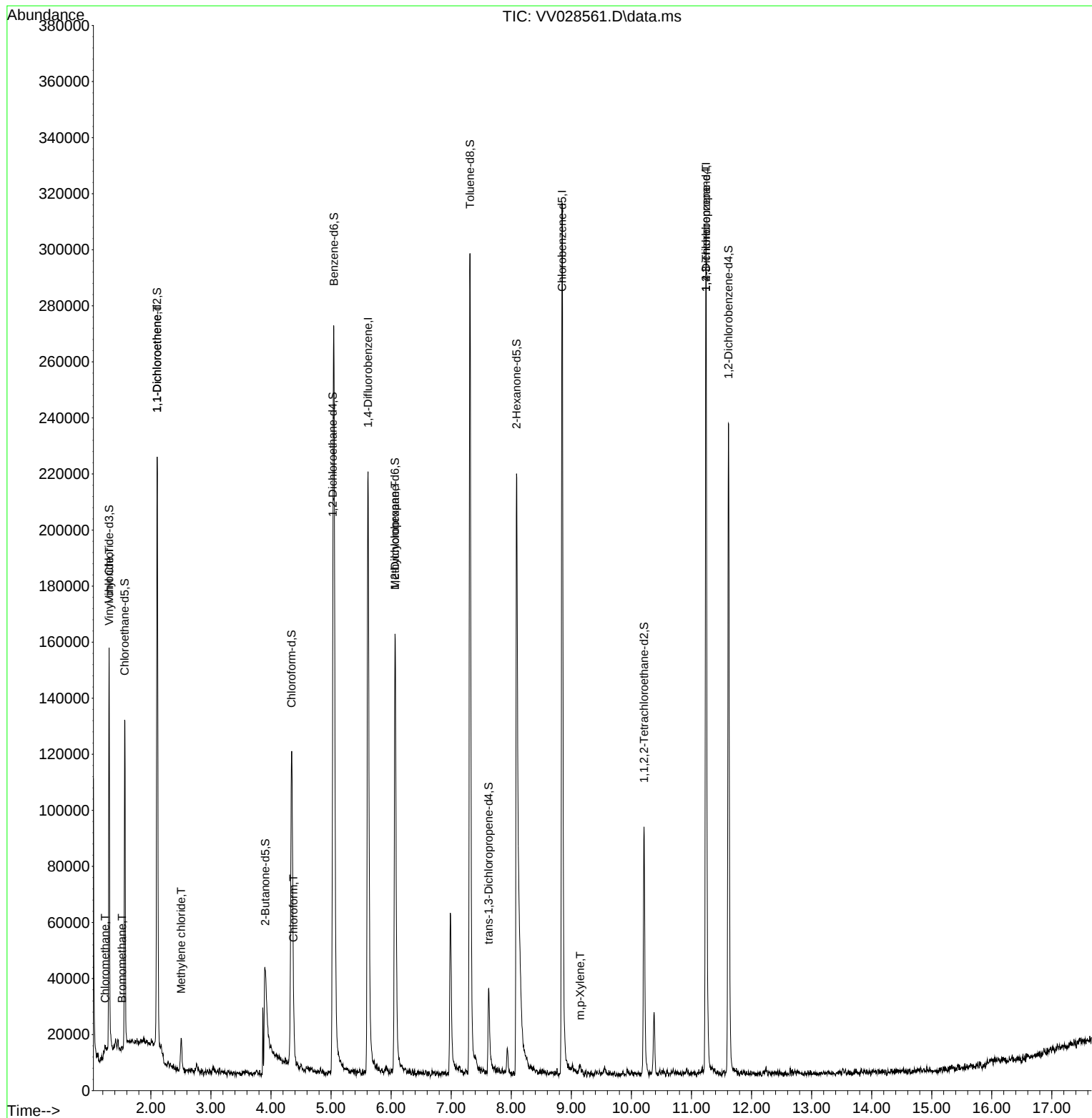
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	185001	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	167755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	74278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93101	5.847	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.000%
7) Chloroethane-d5	1.564	69	74650	5.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.105	63	116113	4.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.905	46	91703	26.792	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	53.580%
24) Chloroform-d	4.342	84	115030	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.030	65	58422	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	237247	4.380	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	77255	4.420	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.313	98	197243	4.596	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	19730	3.341	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.088	63	101823	39.950	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46376	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	56304	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1687	0.096	ug/L	91
5) Vinyl chloride	1.307	62	851	0.050	ug/L #	1
6) Bromomethane	1.519	94	523	0.068	ug/L	98
12) 1,1-Dichloroethene	2.105	96	1257	0.109	ug/L #	1
16) Methylene chloride	2.506	84	4541	0.280	ug/L	89
25) Chloroform	4.375	83	2787	0.109	ug/L	86
35) Methylcyclohexane	6.066	83	16564	0.703	ug/L #	17
53) m,p-Xylene	9.146	106	725	0.031	ug/L	73
61) 1,2,3-Trichloropropane	11.242	75	11409	1.719	ug/L #	68

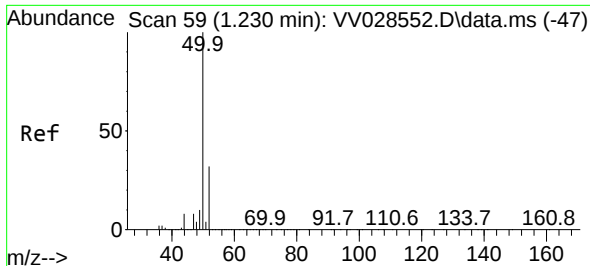
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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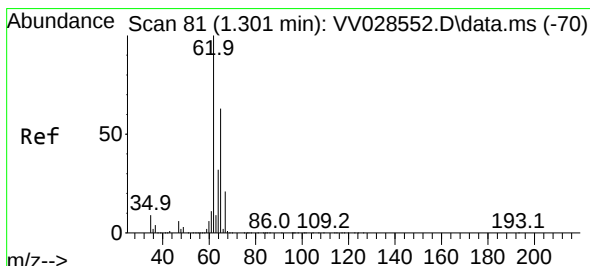
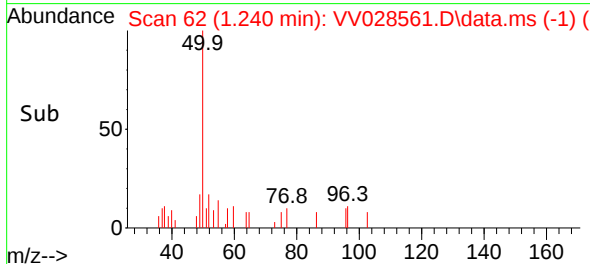
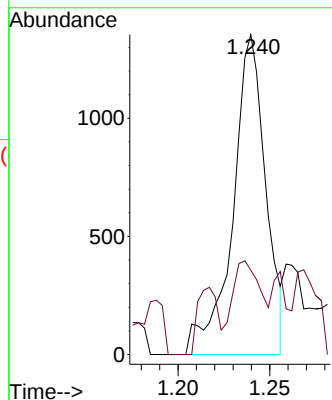
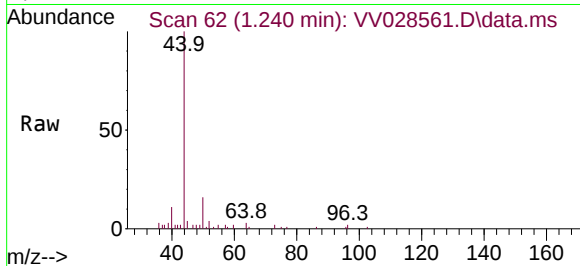




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

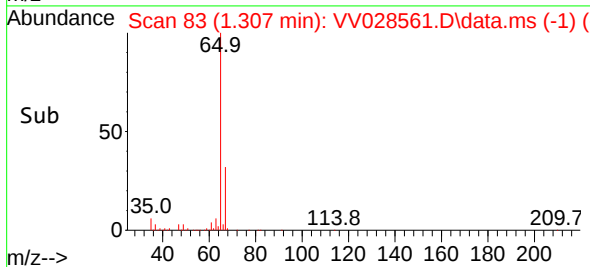
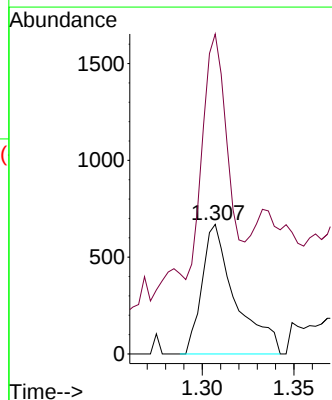
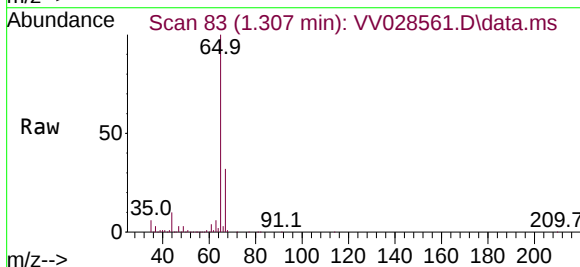
Instrument :
MSVOA_V
ClientSampleId :
C0BB2

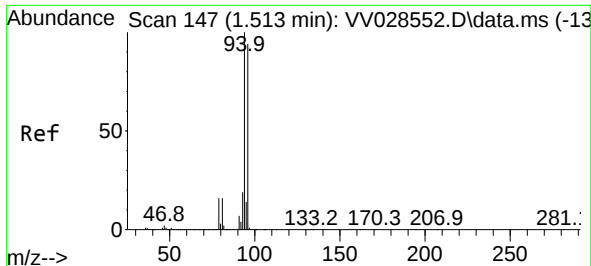
Tgt Ion: 50 Resp: 1687
Ion Ratio Lower Upper
50 100
52 26.4 22.0 41.0



#5
Vinyl chloride
Concen: 0.050 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.006 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

Tgt Ion: 62 Resp: 851
Ion Ratio Lower Upper
62 100
64 247.1 23.7 44.1#

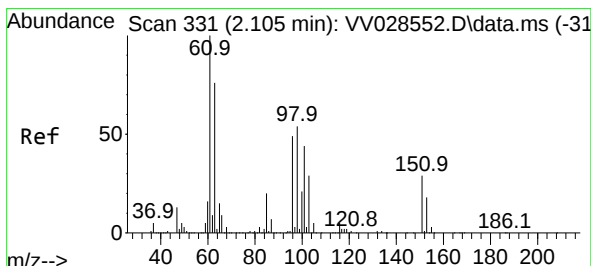
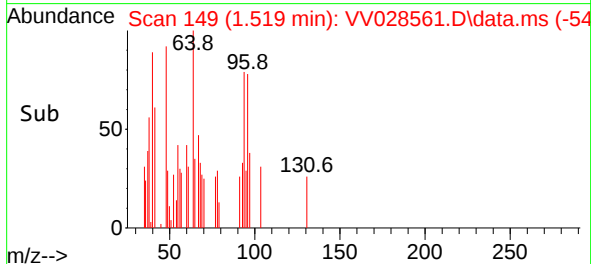
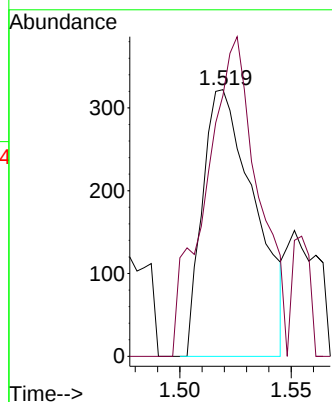
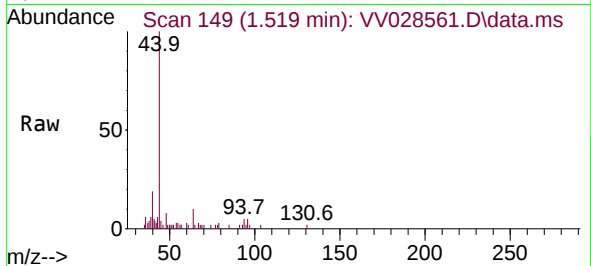




#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.519 min Scan# 147
Delta R.T. 0.006 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

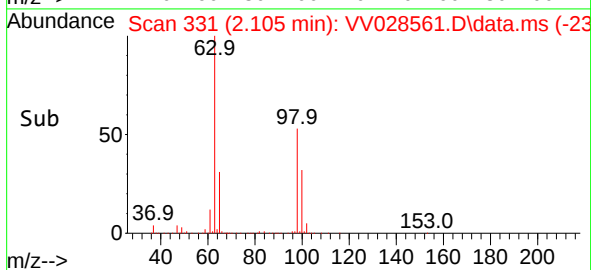
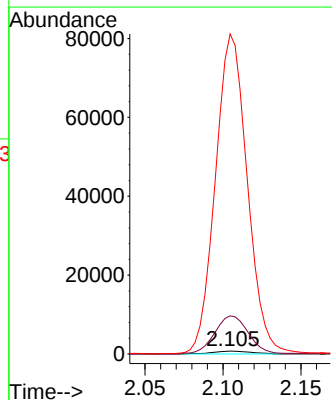
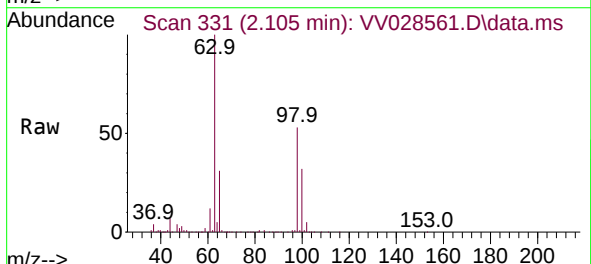
Instrument :
MSVOA_V
ClientSampleId :
C0BB2

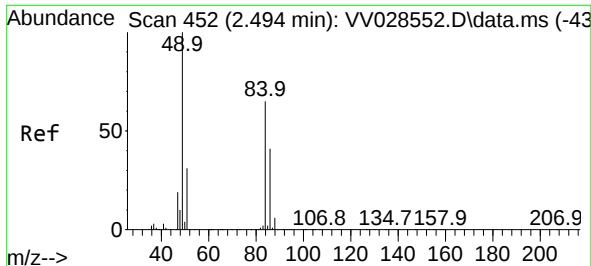
Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 97.8 67.0 124.4



#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

Tgt Ion: 96 Resp: 1257
Ion Ratio Lower Upper
96 100
61 1332.2 142.9 265.5#
63 11179.1 102.3 190.1#

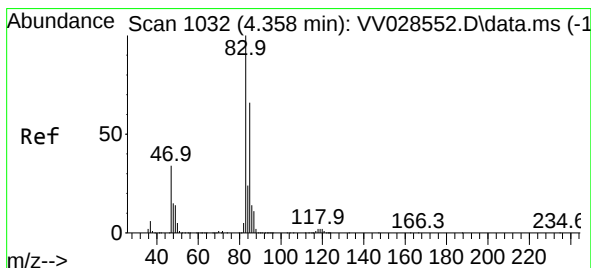
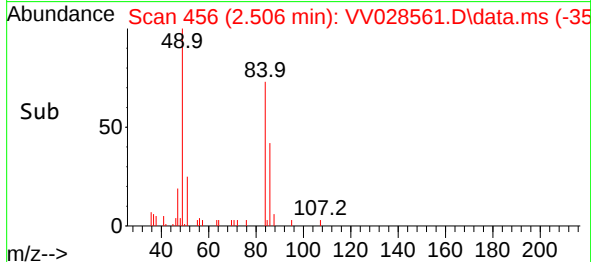
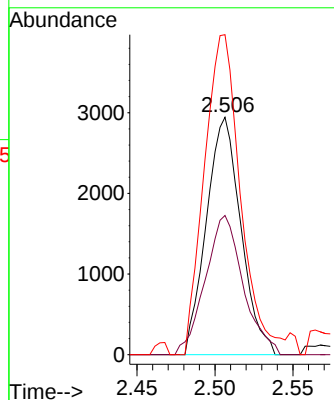
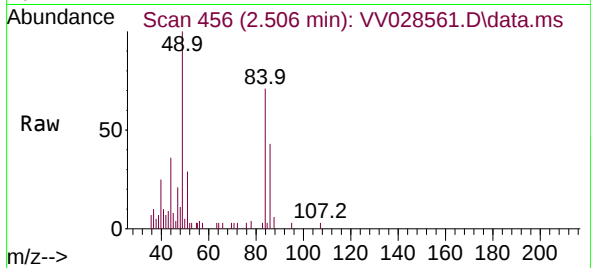




#16
Methylene chloride
Concen: 0.280 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

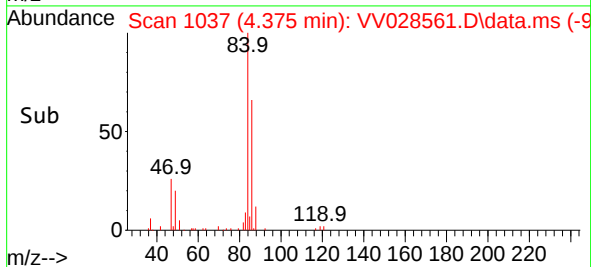
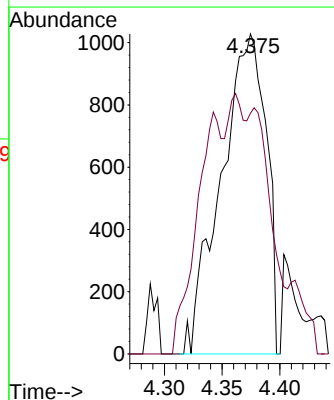
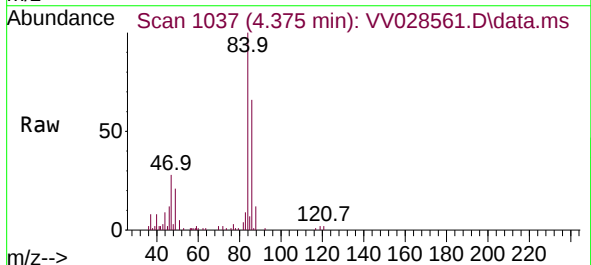
Instrument :
MSVOA_V
ClientSampleId :
C0BB2

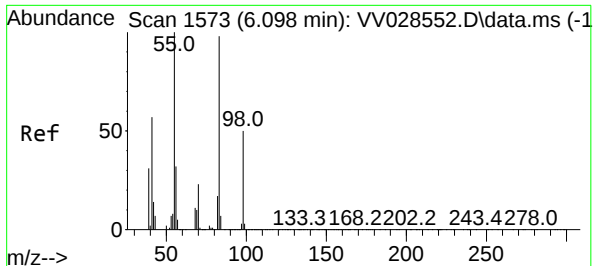
Tgt Ion: 84 Resp: 4541
Ion Ratio Lower Upper
84 100
86 58.6 42.8 79.6
49 134.8 106.4 197.6



#25
Chloroform
Concen: 0.109 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.016 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

Tgt Ion: 83 Resp: 2787
Ion Ratio Lower Upper
83 100
85 75.2 45.1 83.9

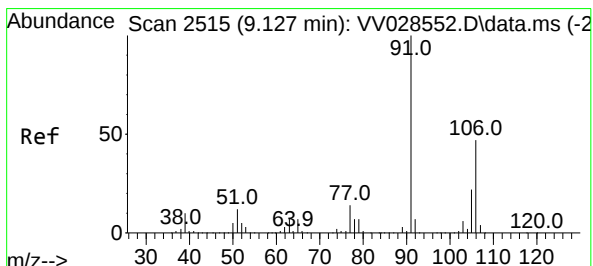
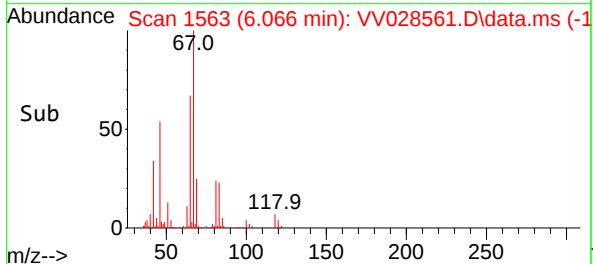
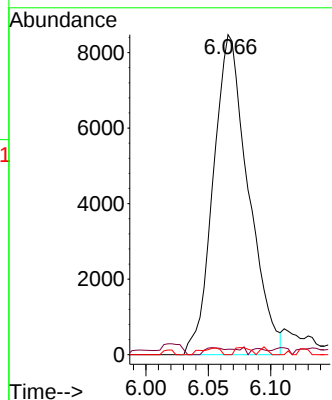
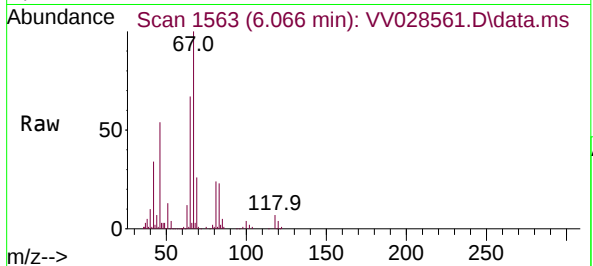




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

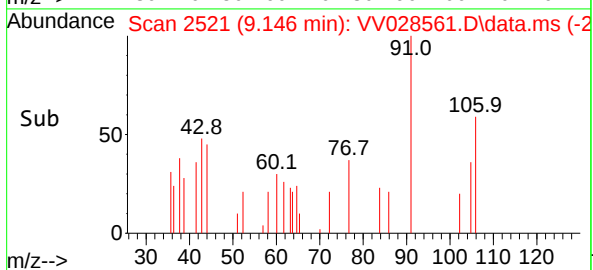
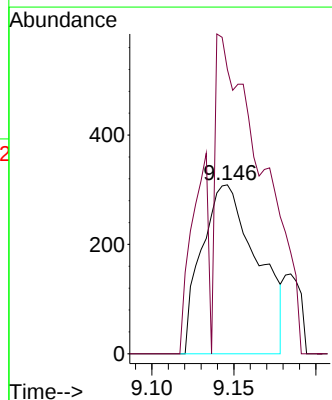
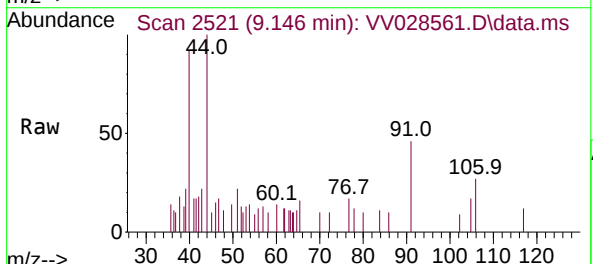
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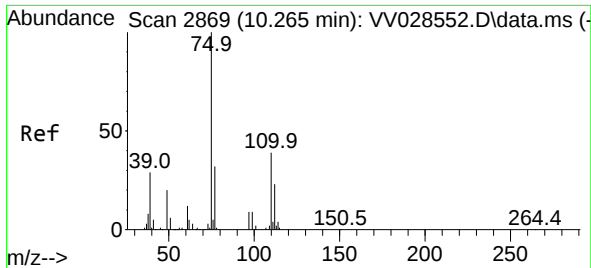
Tgt Ion: 83 Resp: 16564
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.6#
98 0.9 36.4 54.6#



#53
m,p-Xylene
Concen: 0.031 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.019 min
Lab File: VV028561.D
Acq: 14 Oct 2022 20:25

Tgt Ion: 106 Resp: 725
Ion Ratio Lower Upper
106 100
91 168.3 146.9 272.9





#61
 1,2,3-Trichloropropane
 Concen: 1.719 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028561.D
 Acq: 14 Oct 2022 20:25

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Tgt Ion: 75 Resp: 11409
 Ion Ratio Lower Upper
 75 100
 77 34.3 24.6 37.0
 110 3.4 28.3 42.5#

