

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120221\
 Data File : VV023770.D
 Acq On : 02 Dec 2021 10:44
 Operator : SY/MD
 Sample : VV1202SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 13 Sample Multiplier: 1

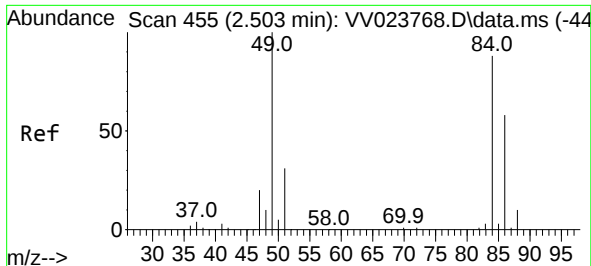
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 01:58:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

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

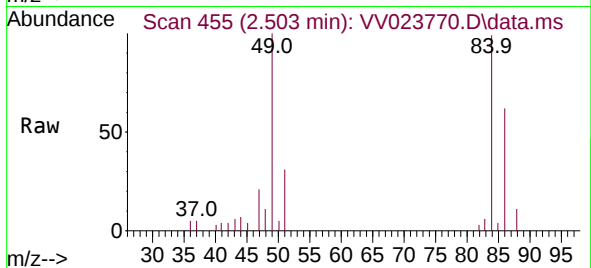
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	288701	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	271611	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	144394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	81394	23.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
7) Chloroethane-d5	1.561	69	65894	23.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	2.101	63	124152	17.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.440%
21) 2-Butanone-d5	3.908	46	25552	26.033	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.060%
24) Chloroform-d	4.342	84	161744	21.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.840%
26) 1,2-Dichloroethane-d4	5.027	65	84292	20.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.360%
32) Benzene-d6	5.047	84	324453	23.724	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	6.066	67	89543	22.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	7.313	98	299187	23.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.622	79	38026	20.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.360%
47) 2-Hexanone-d5	8.091	63	24790	34.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65358	18.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	113269	22.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.400%
Target Compounds						
						Qvalue
16) Methylene chloride	2.503	84	6340	1.138	ug/L	90
48) 2-Hexanone	8.095	43	2830	1.717	ug/L #	46
60) Isopropylbenzene	9.937	105	211	0.012	ug/L #	63
61) 1,2,3-Trichloropropane	10.381	75	1654	0.650	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.541	105	275	0.018	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	1003	0.066	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.249	75	2425	3.924	ug/L #	9

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



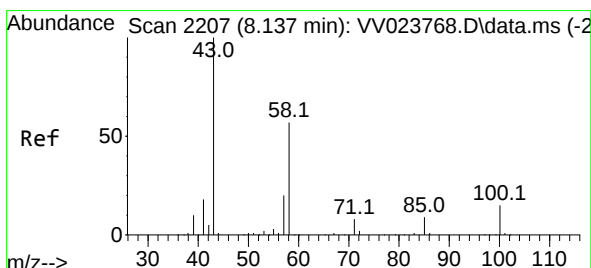
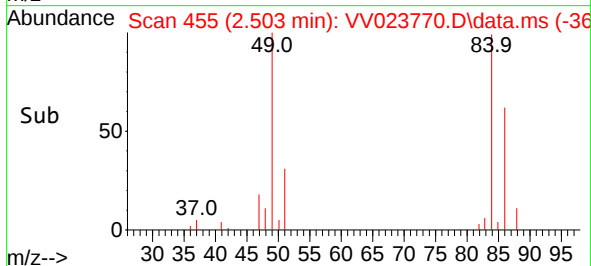
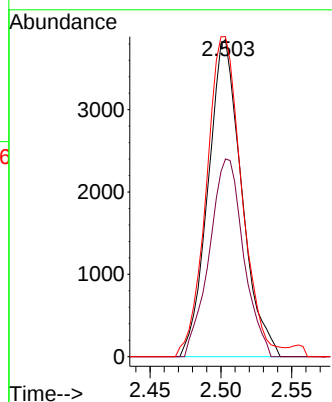
#16
Methylene chloride
Concen: 1.138 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023770.D
Acq: 02 Dec 2021 10:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 6340

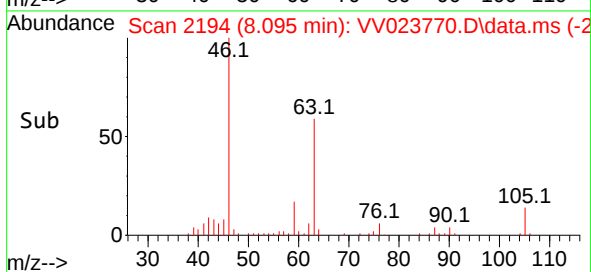
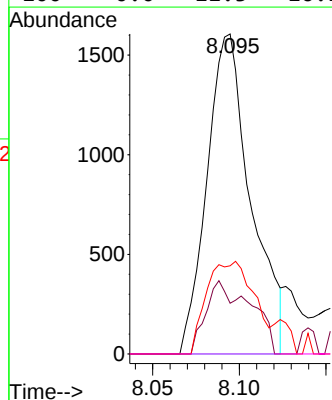
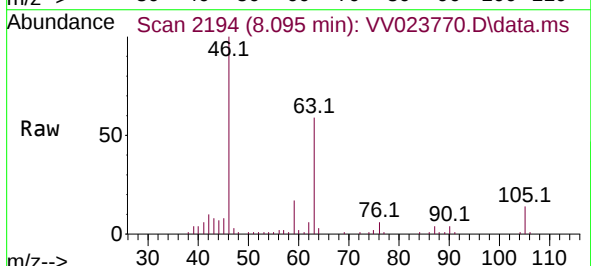
Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.3	84.1
49	100.9	81.8	152.0

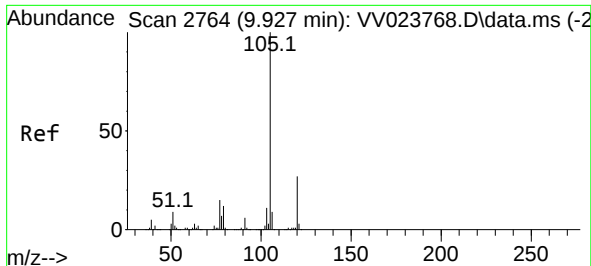


#48
2-Hexanone
Concen: 1.717 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.042 min
Lab File: VV023770.D
Acq: 02 Dec 2021 10:44

Tgt Ion: 43 Resp: 2830

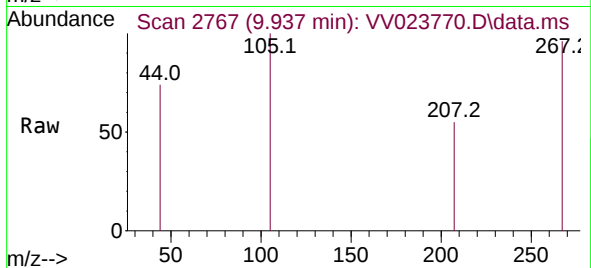
Ion	Ratio	Lower	Upper
43	100		
58	11.3	45.8	68.8#
57	0.0	15.6	23.4#
100	0.0	11.3	16.9#



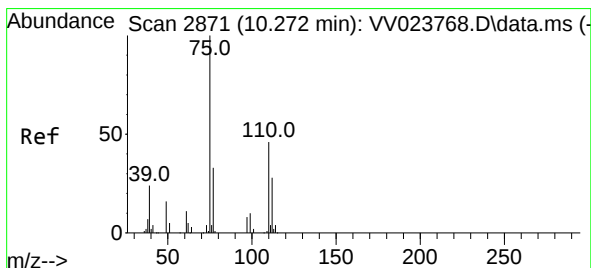
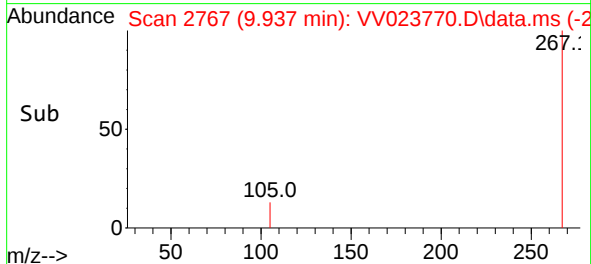
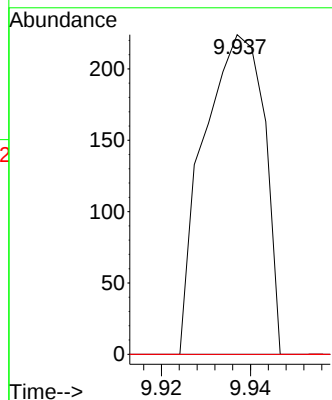


#60
Isopropylbenzene
Concen: 0.012 ug/L
RT: 9.937 min Scan# 211
Delta R.T. 0.010 min
Lab File: VV023770.D
Acq: 02 Dec 2021 10:44

Instrument :
MSVOA_V
ClientSampleId :

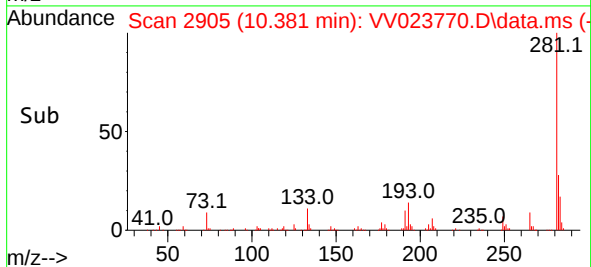
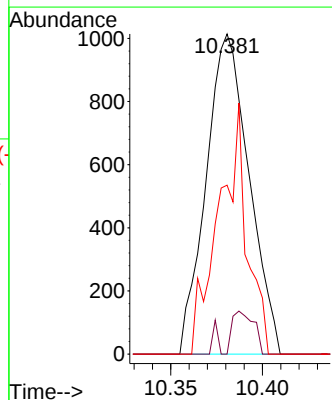
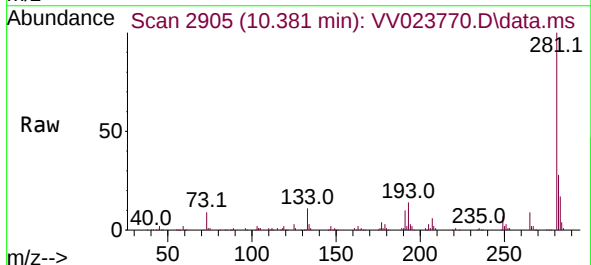


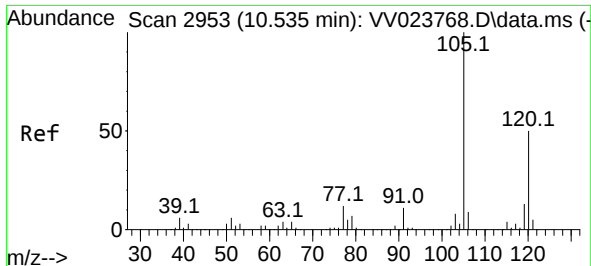
Tgt Ion:105 Resp: 211
Ion Ratio Lower Upper
105 100
120 0.0 21.6 32.4#
77 19.4 11.9 17.9#



#61
1,2,3-Trichloropropane
Concen: 0.650 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.109 min
Lab File: VV023770.D
Acq: 02 Dec 2021 10:44

Tgt Ion: 75 Resp: 1654
Ion Ratio Lower Upper
75 100
77 0.0 27.0 40.6#
110 25.8 33.7 50.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.018 ug/L

RT: 10.541 min Scan# 2953

Delta R.T. 0.006 min

Lab File: VV023770.D

Acq: 02 Dec 2021 10:44

Instrument :

MSVOA_V

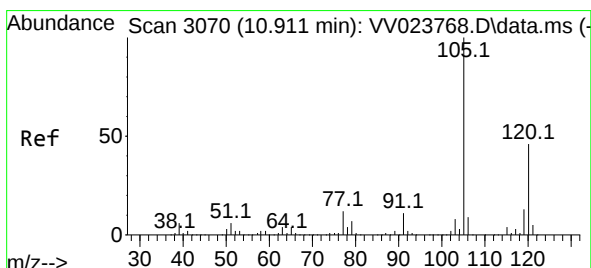
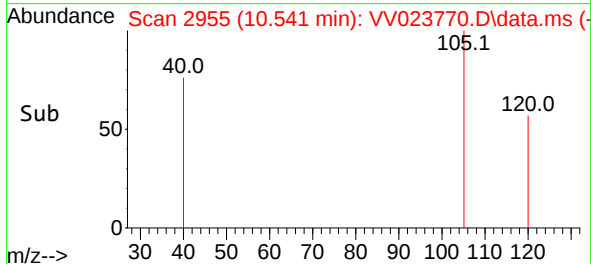
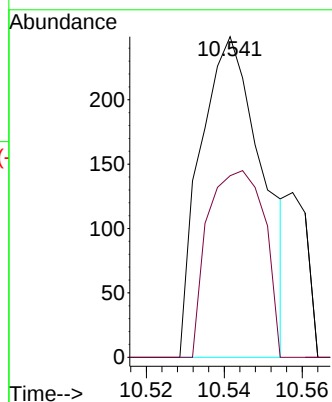
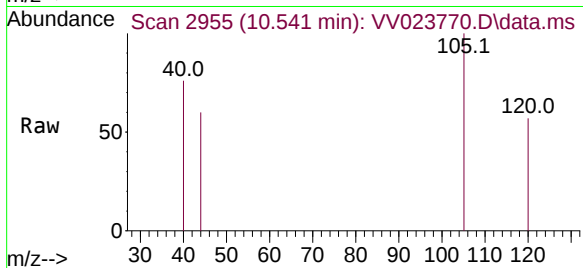
ClientSampleId :

Tgt Ion:105 Resp: 275

Ion Ratio Lower Upper

105 100

120 53.1 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 0.066 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV023770.D

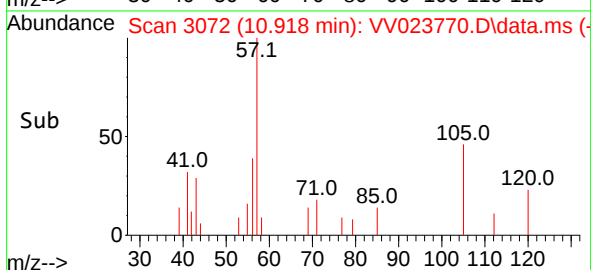
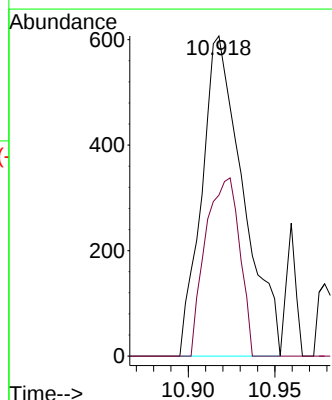
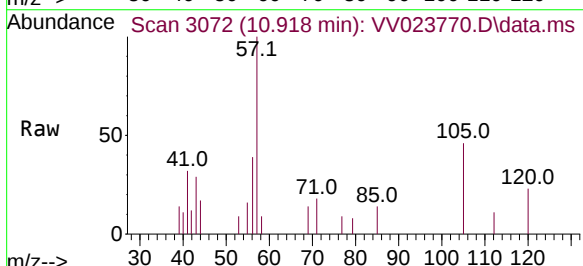
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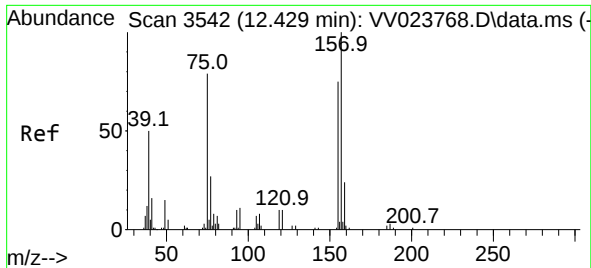
Tgt Ion:105 Resp: 1003

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1





#68

1,2-Dibromo-3-chloropropane

Concen: 3.924 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

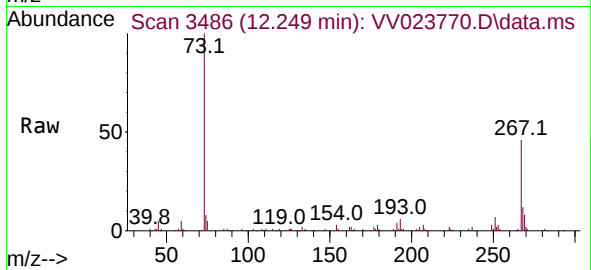
Lab File: VV023770.D

Acq: 02 Dec 2021 10:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 2425

Ion Ratio Lower Upper

75 100

155 19.5 71.0 106.4#

157 0.0 90.1 135.1#

