

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023771.D
 Acq On : 02 Dec 2021 11:09
 Operator : SY/MD
 Sample : VW1202SBL03
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 01:59:08 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)

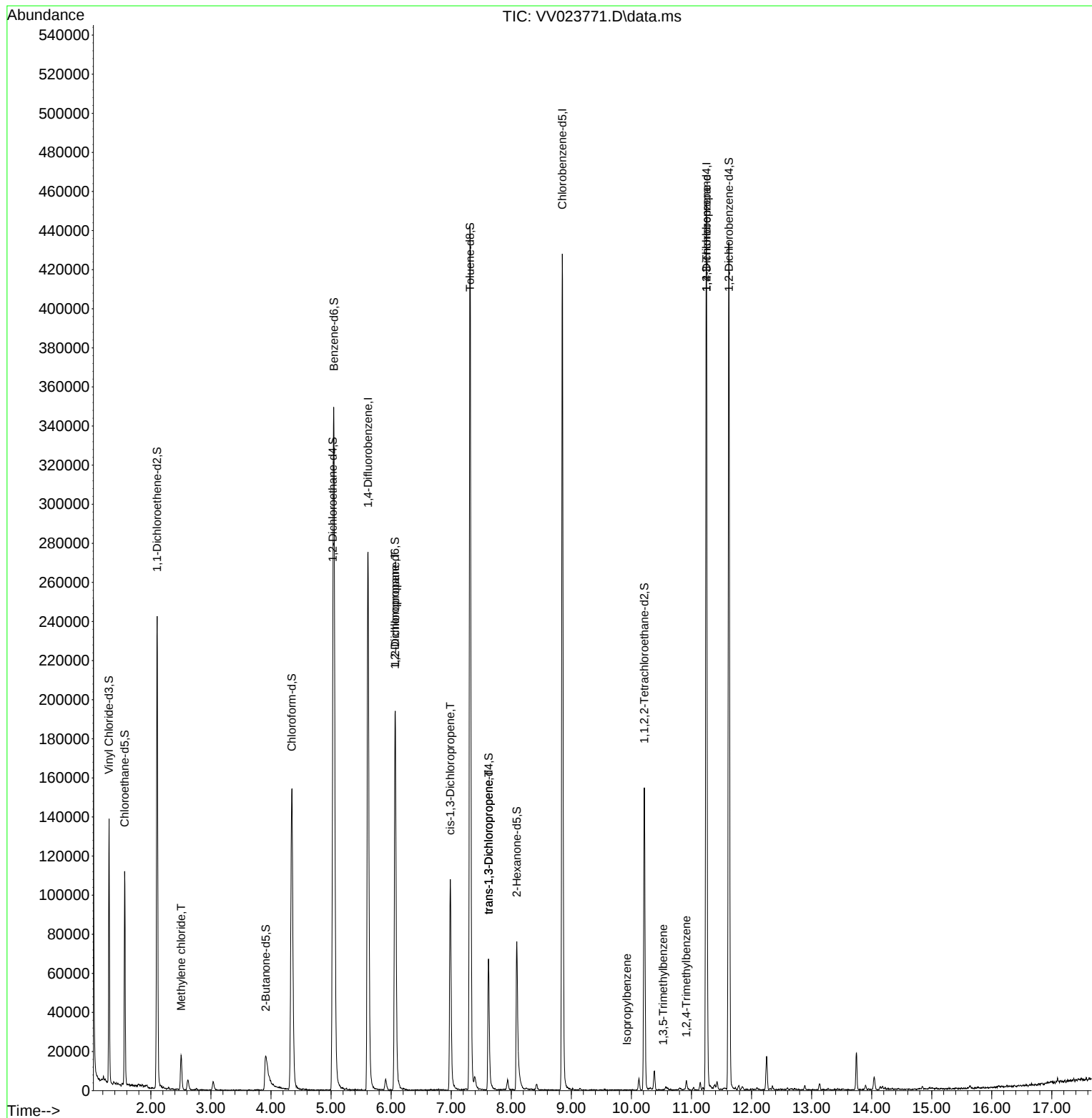
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	247533	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	235453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78533	26.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.880%
7) Chloroethane-d5	1.564	69	64536	26.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.105	63	119390	20.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.120%
21) 2-Butanone-d5	3.912	46	32700	38.856	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.720%
24) Chloroform-d	4.346	84	157211	24.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	5.030	65	86695	24.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	313055	26.406	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	6.066	67	88886	25.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	7.313	98	291423	25.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	7.622	79	38427	24.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.160%
47) 2-Hexanone-d5	8.091	63	30606	49.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	70946	23.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	111801	25.368	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.480%
Target Compounds						Qvalue
16) Methylene chloride	2.503	84	7132	1.493	ug/L	99
37) 1,2-Dichloropropane	6.069	63	10441	3.265	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	3152	0.620	ug/L #	76
44) trans-1,3-Dichloropropene	7.622	75	2074	0.444	ug/L	98
60) Isopropylbenzene	9.927	105	99	0.007	ug/L #	54
61) 1,2,3-Trichloropropane	11.249	75	12155	5.552	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.529	105	70	0.005	ug/L #	81
63) 1,2,4-Trimethylbenzene	10.911	105	254	0.019	ug/L #	30

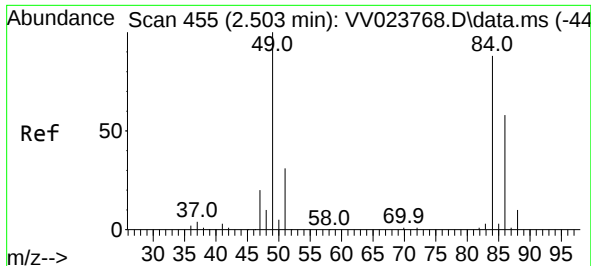
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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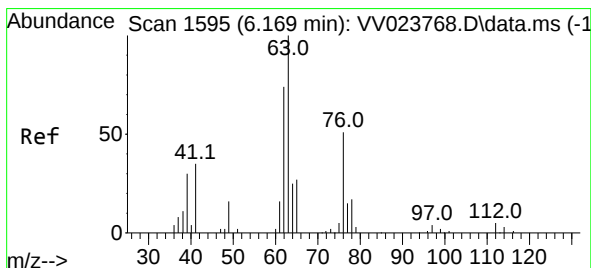
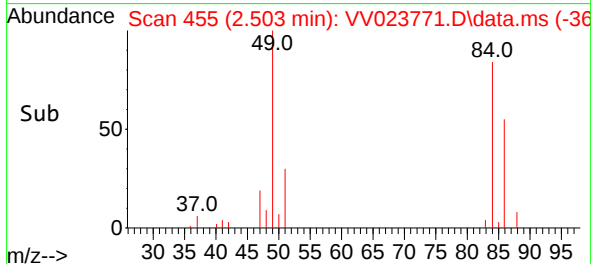
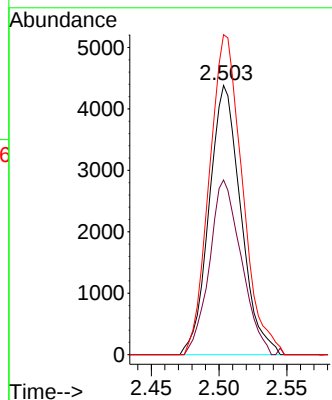
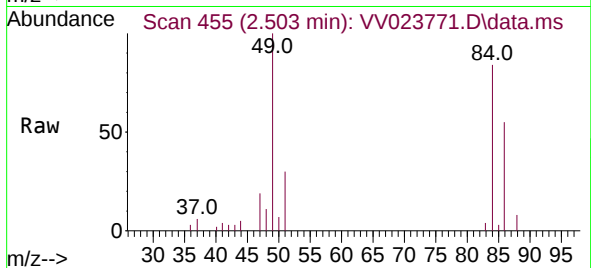




#16
Methylene chloride
Concen: 1.493 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023771.D
Acq: 02 Dec 2021 11:09

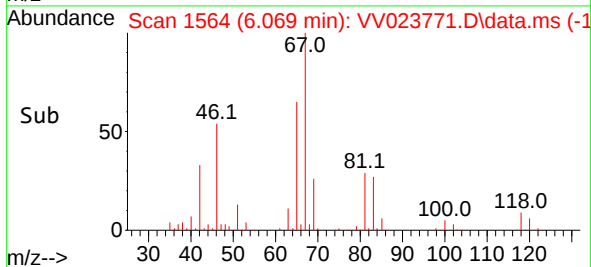
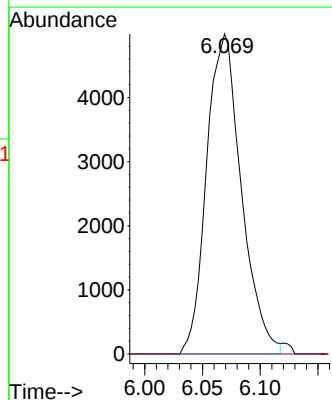
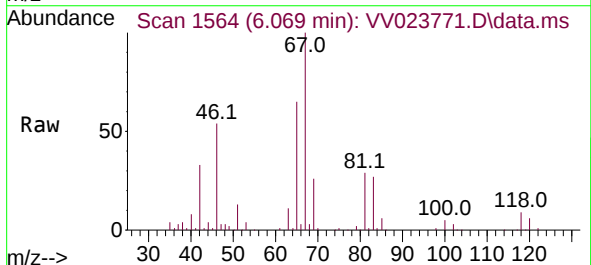
Instrument :
MSVOA_V
ClientSampleId :

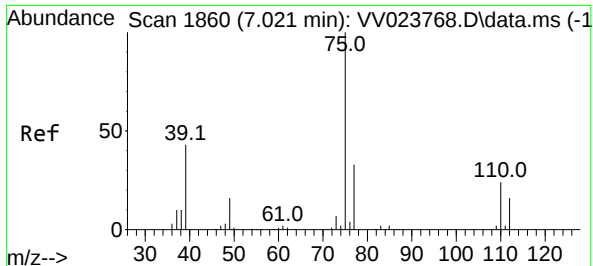
Tgt Ion: 84 Resp: 7132
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 118.8 81.8 152.0



#37
1,2-Dichloropropane
Concen: 3.265 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023771.D
Acq: 02 Dec 2021 11:09

Tgt Ion: 63 Resp: 10441
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023771.D

Acq: 02 Dec 2021 11:09

Instrument :

MSVOA_V

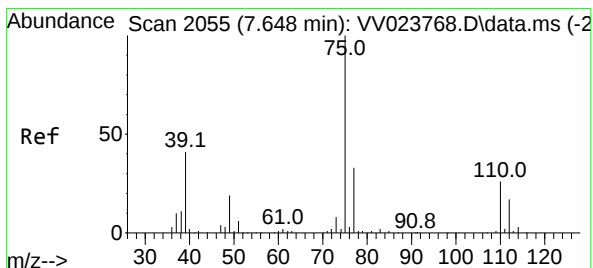
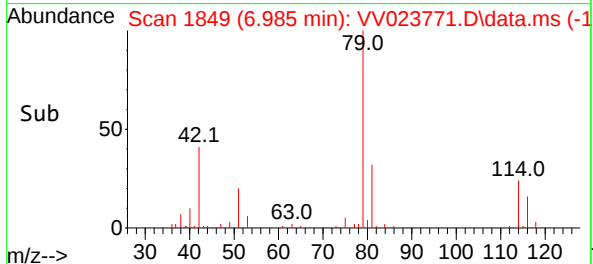
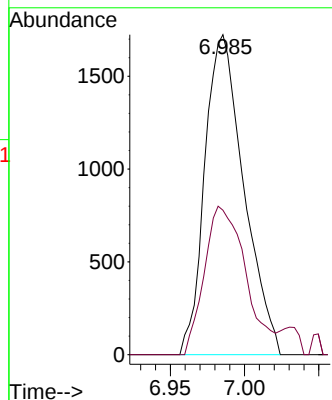
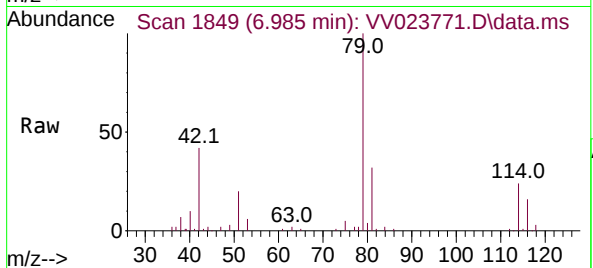
ClientSampleId :

Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

77 45.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV023771.D

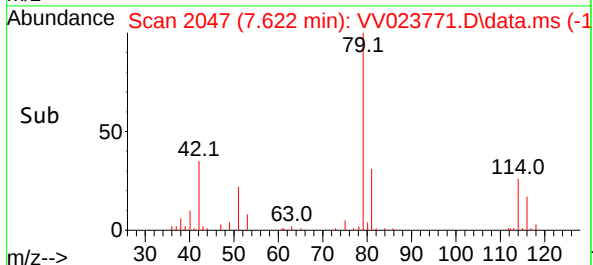
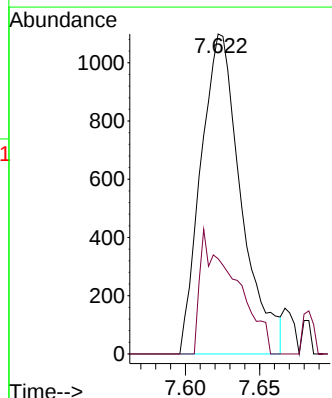
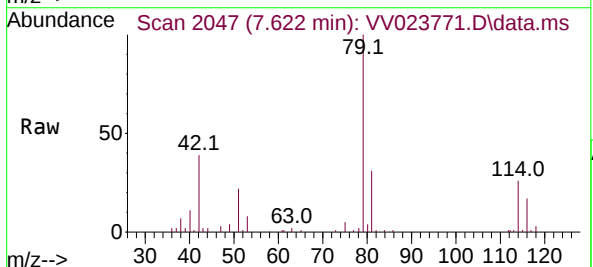
Acq: 02 Dec 2021 11:09

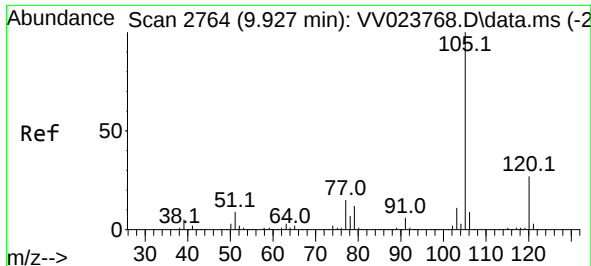
Tgt Ion: 75 Resp: 2074

Ion Ratio Lower Upper

75 100

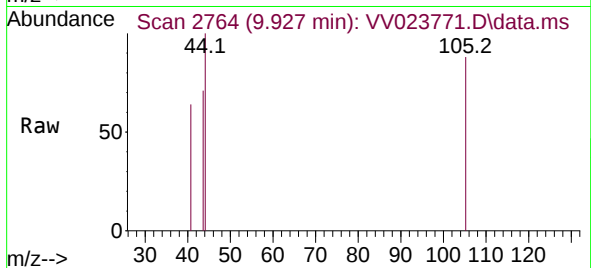
77 29.8 21.5 39.9



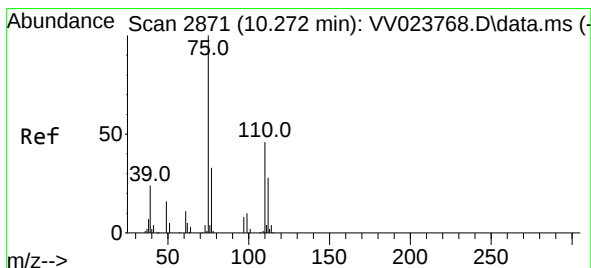
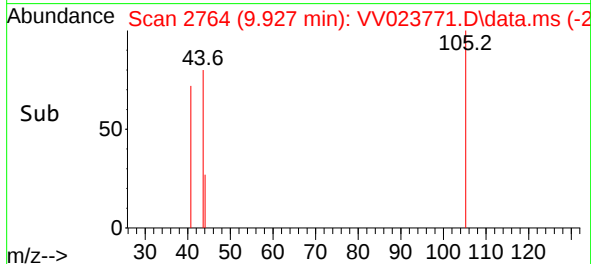
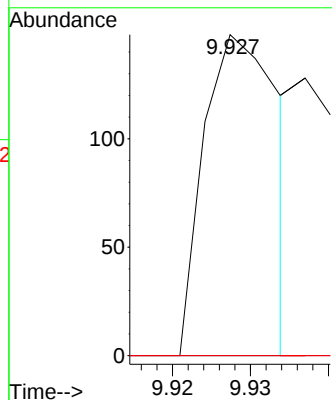


#60
Isopropylbenzene
Concen: 0.007 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023771.D
Acq: 02 Dec 2021 11:09

Instrument :
MSVOA_V
ClientSampleId :

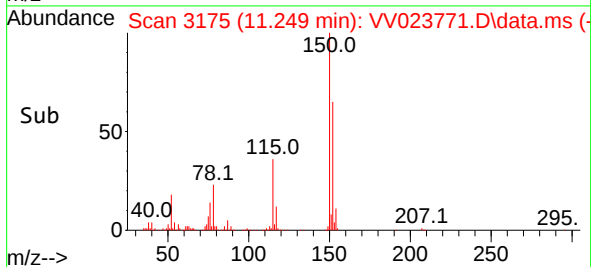
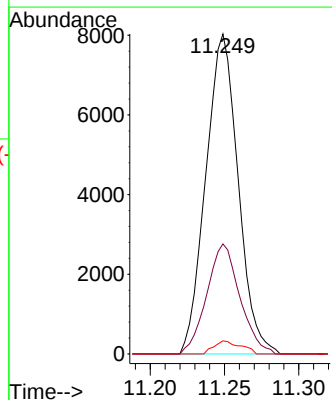
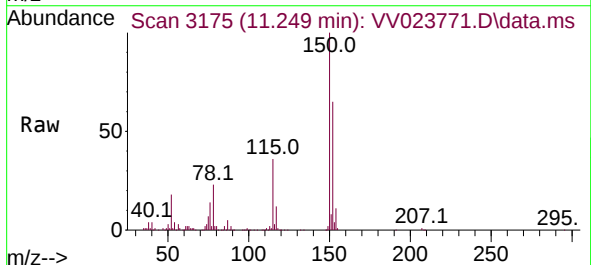


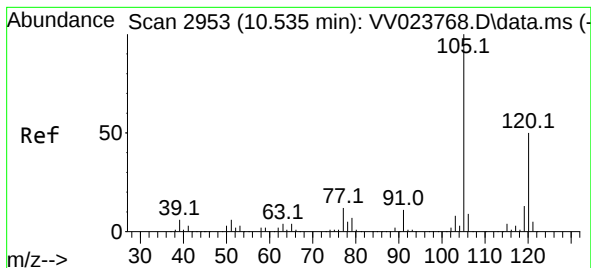
Tgt Ion:105 Resp: 99
Ion Ratio Lower Upper
105 100
120 0.0 21.6 32.4#
77 0.0 11.9 17.9#



#61
1,2,3-Trichloropropane
Concen: 5.552 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023771.D
Acq: 02 Dec 2021 11:09

Tgt Ion: 75 Resp: 12155
Ion Ratio Lower Upper
75 100
77 35.2 27.0 40.6
110 3.4 33.7 50.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.007 min

Lab File: VV023771.D

Acq: 02 Dec 2021 11:09

Instrument :

MSVOA_V

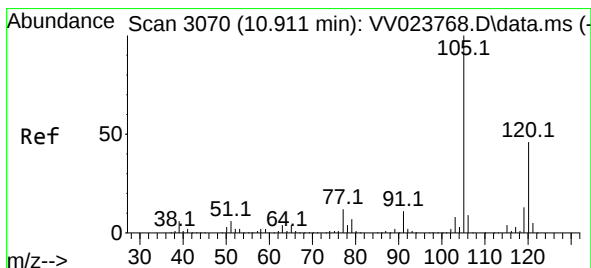
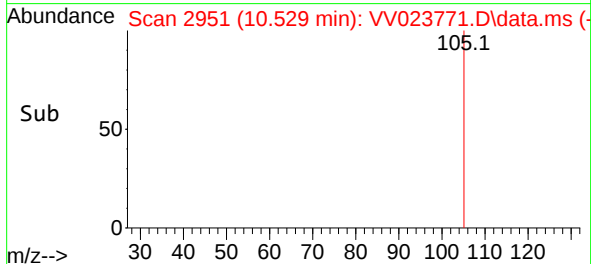
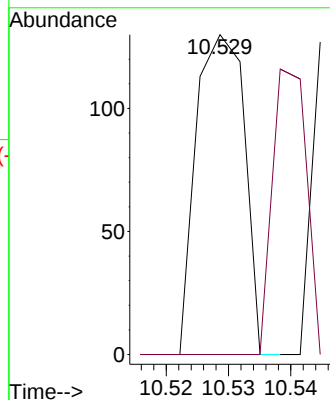
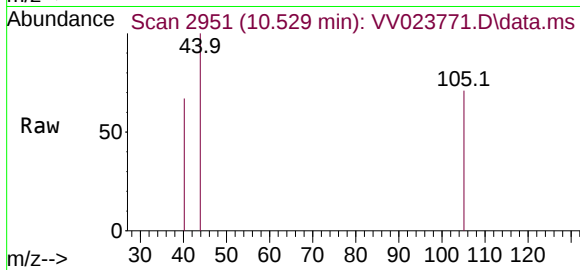
ClientSampleId :

Tgt Ion:105 Resp: 70

Ion Ratio Lower Upper

105 100

120 62.9 40.0 60.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.019 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV023771.D

Acq: 02 Dec 2021 11:09

Tgt Ion:105 Resp: 254

Ion Ratio Lower Upper

105 100

120 0.0 36.7 55.1#

