

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024526.D
 Acq On : 02 Feb 2022 15:47
 Operator : SY/MD
 Sample : N1353-09
 Misc : 3.26g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 06:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

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

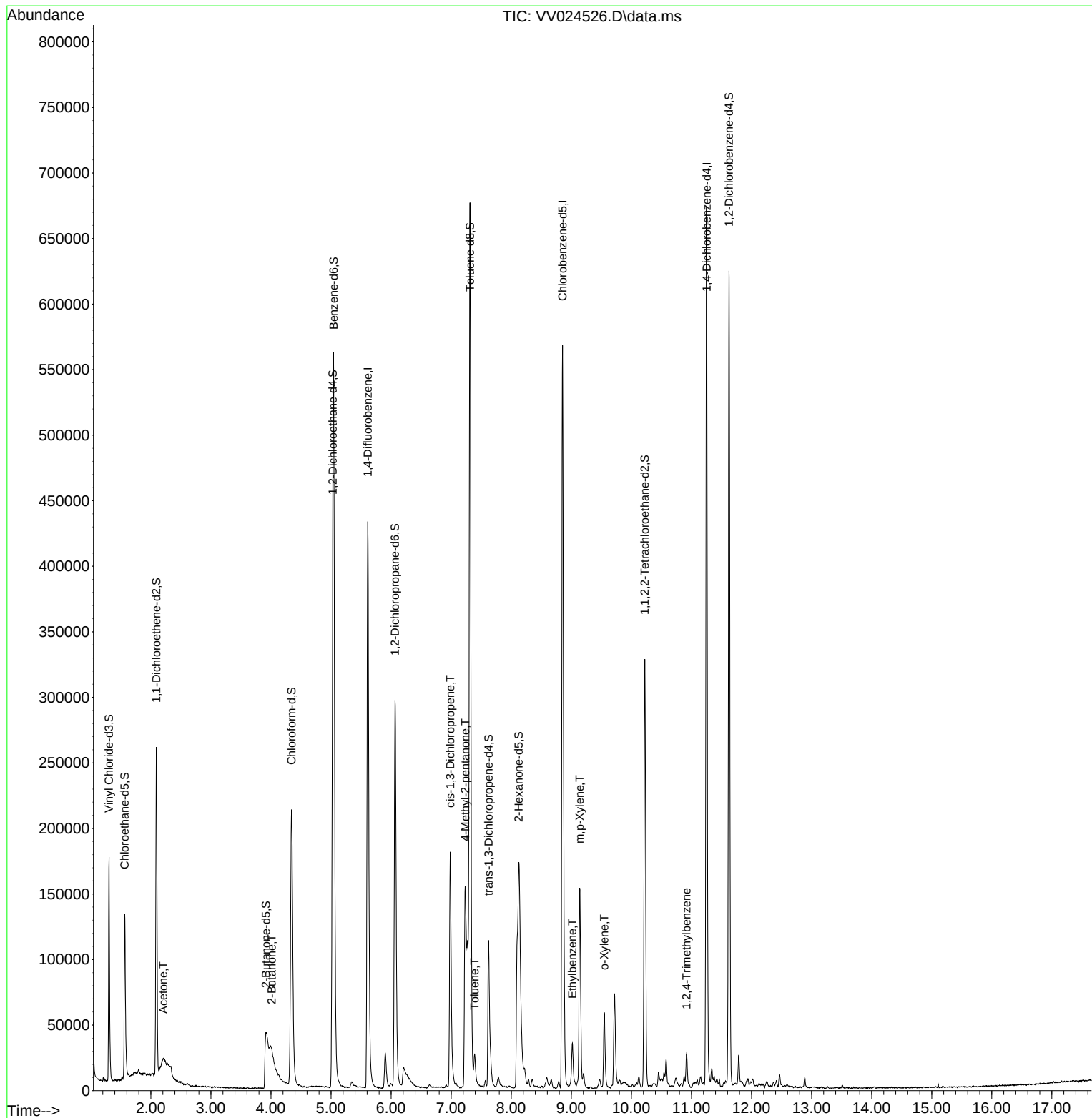
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	373703	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	348426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	156803	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123797	46.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.300%
7) Chloroethane-d5	1.564	69	102908	44.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.980%
11) 1,1-Dichloroethene-d2	2.092	63	129256	24.448	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.900%#
21) 2-Butanone-d5	3.918	46	148973	84.876	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.880%
24) Chloroform-d	4.343	84	225910	46.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	5.027	65	152462	49.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
32) Benzene-d6	5.043	84	466153	47.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	6.066	67	149830	47.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.020%
41) Toluene-d8	7.313	98	424250	46.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.060%
43) trans-1,3-Dichloroprop...	7.622	79	77597	46.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.520%
47) 2-Hexanone-d5	8.124	63	129306	96.532	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.530%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	178649	47.249	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	141380	47.656	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.320%
Target Compounds						
					Qvalue	
13) Acetone	2.208	43	13027	7.060	ug/L	93
22) 2-Butanone	4.011	43	47626	22.923	ug/L	83
39) cis-1,3-Dichloropropene	6.985	75	5715	1.332	ug/L #	65
40) 4-Methyl-2-pentanone	7.233	43	132002	36.055	ug/L	97
42) Toluene	7.391	91	16678	1.570	ug/L	99
52) Ethylbenzene	9.018	91	26722	2.274	ug/L	98
53) m,p-Xylene	9.140	106	45575	10.363	ug/L	98
54) o-Xylene	9.551	106	15837	3.606	ug/L	92
63) 1,2,4-Trimethylbenzene	10.918	105	11180	1.162	ug/L	99

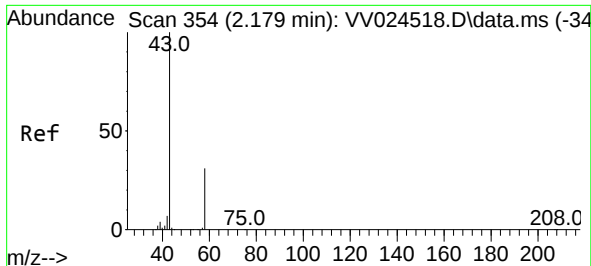
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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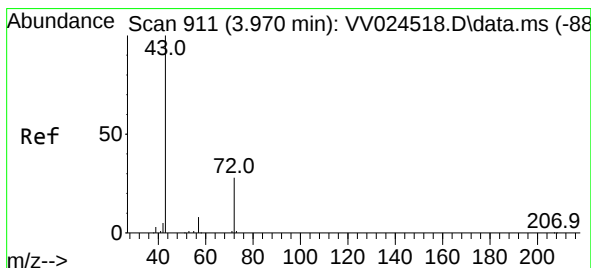
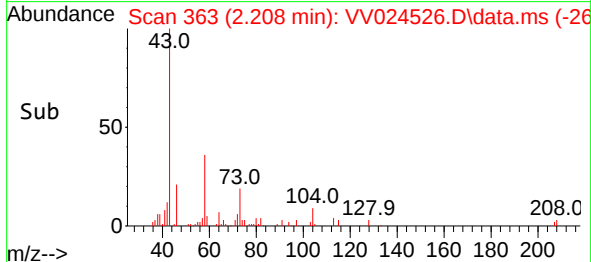
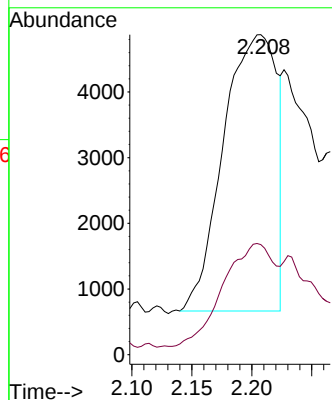
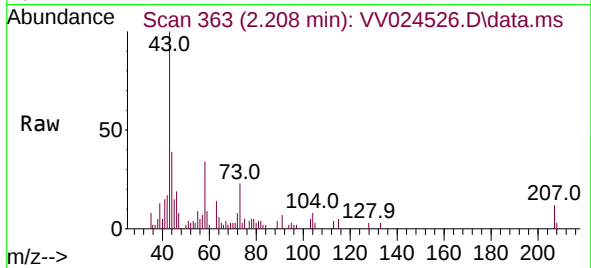




#13
Acetone
Concen: 7.060 ug/L
RT: 2.208 min Scan# 30
Delta R.T. 0.029 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

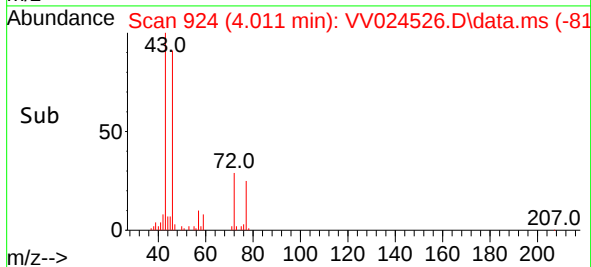
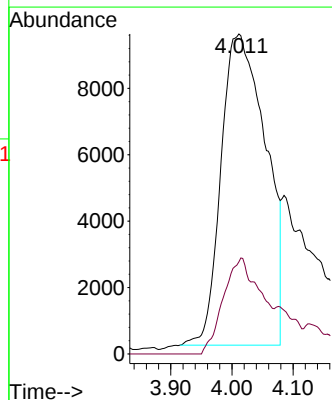
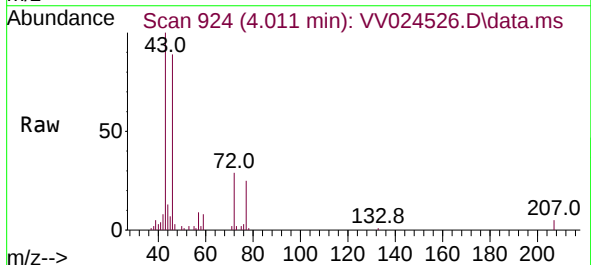
Instrument :
MSVOA_V
ClientSampleId :

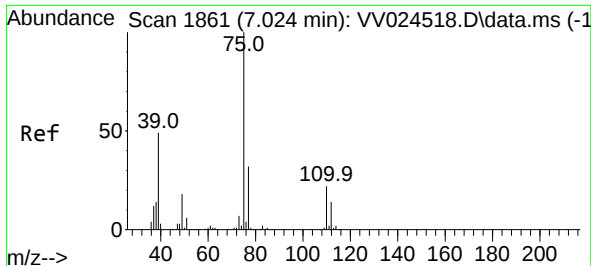
Tgt Ion: 43 Resp: 13027
Ion Ratio Lower Upper
43 100
58 36.3 0.0 65.0



#22
2-Butanone
Concen: 22.923 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.042 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 43 Resp: 47626
Ion Ratio Lower Upper
43 100
72 17.4 12.9 38.7





#39

cis-1,3-Dichloropropene

Concen: 1.332 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024526.D

Acq: 02 Feb 2022 15:47

Instrument :

MSVOA_V

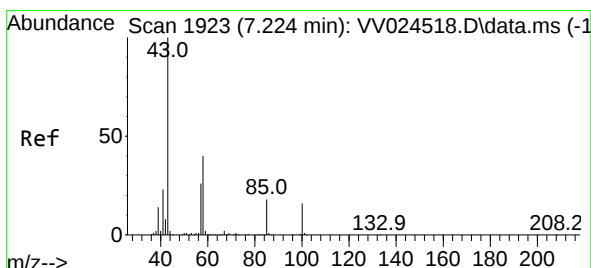
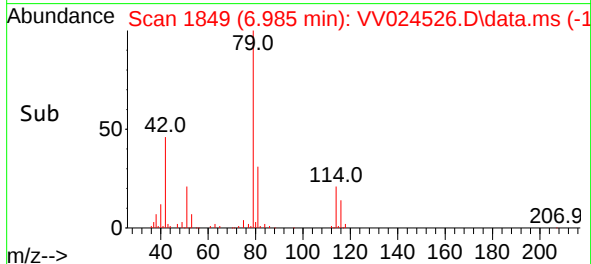
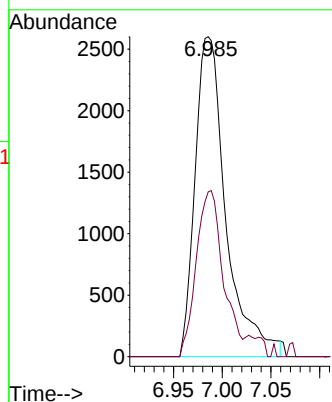
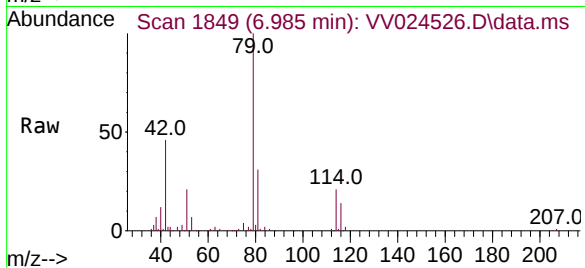
ClientSampleId :

Tgt Ion: 75 Resp: 5715

Ion Ratio Lower Upper

75 100

77 51.5 22.3 41.3#



#40

4-Methyl-2-pentanone

Concen: 36.055 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV024526.D

Acq: 02 Feb 2022 15:47

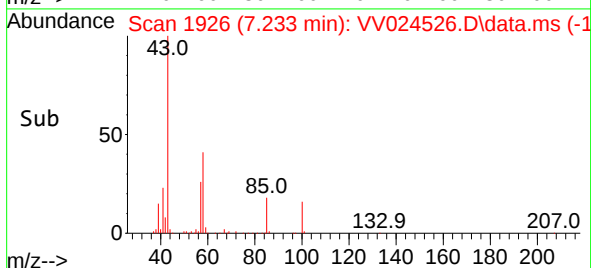
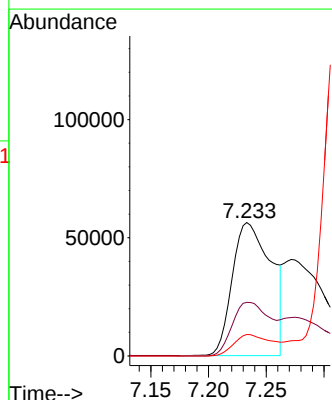
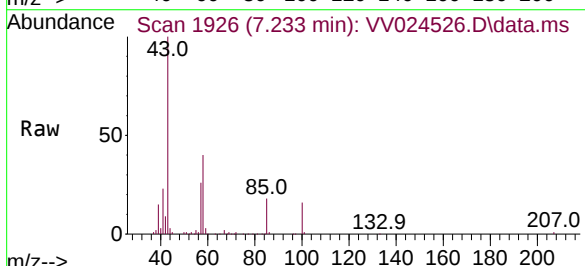
Tgt Ion: 43 Resp: 132002

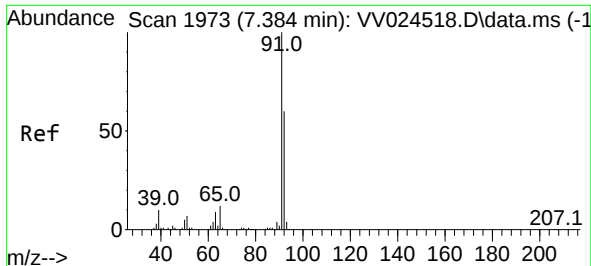
Ion Ratio Lower Upper

43 100

58 38.4 32.5 48.7

100 15.5 12.7 19.1

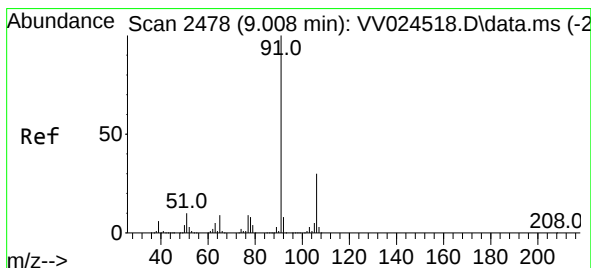
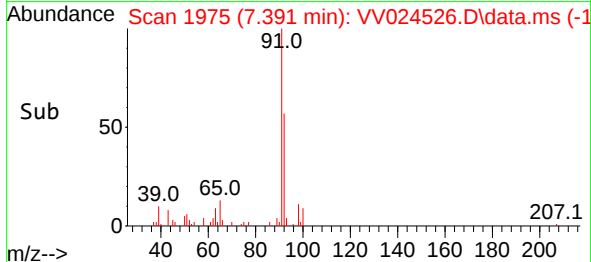
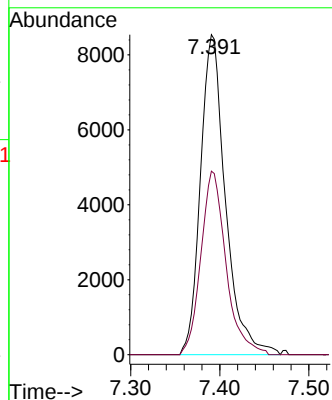
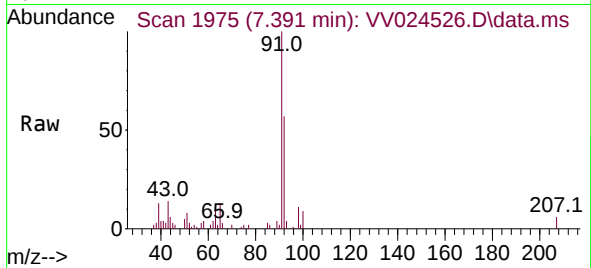




#42
Toluene
Concen: 1.570 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

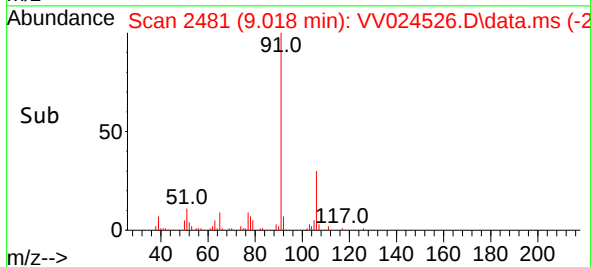
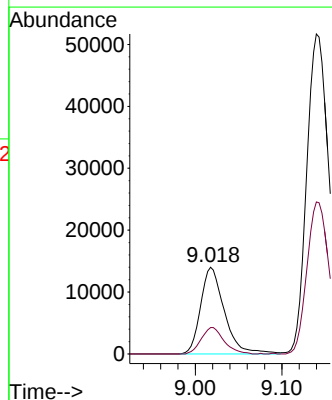
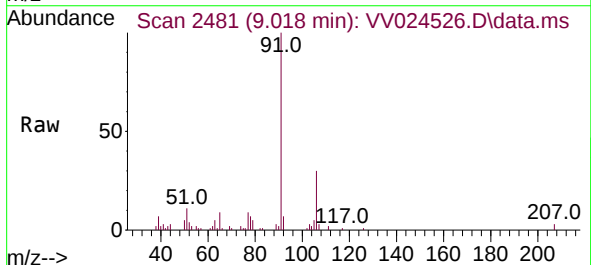
Instrument :
MSVOA_V
ClientSampleId :

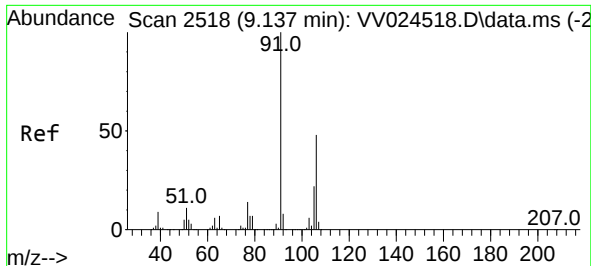
Tgt Ion: 91 Resp: 16678
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4



#52
Ethylbenzene
Concen: 2.274 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 91 Resp: 26722
Ion Ratio Lower Upper
91 100
106 30.3 20.6 38.2

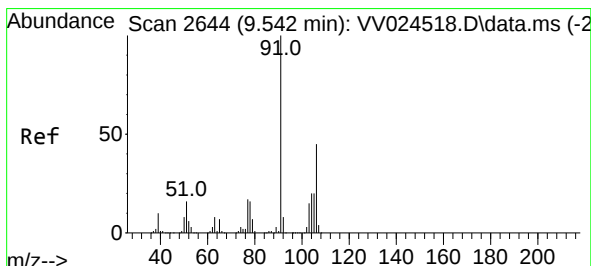
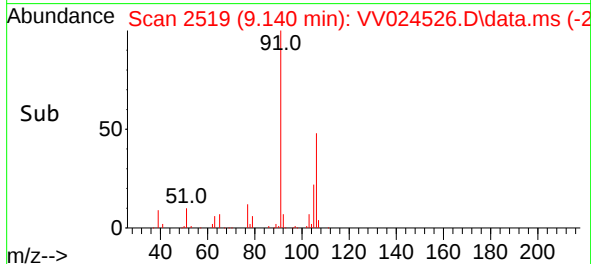
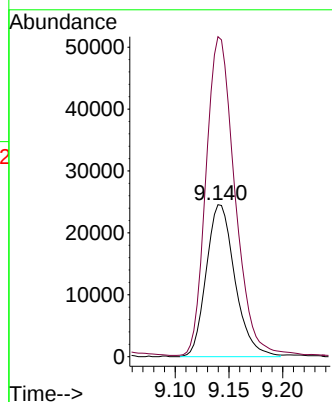
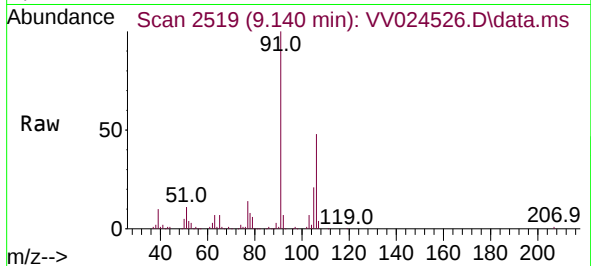




#53
m,p-Xylene
Concen: 10.363 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

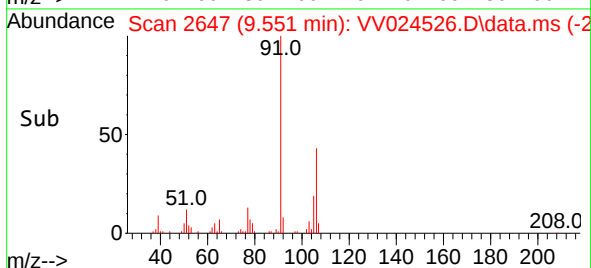
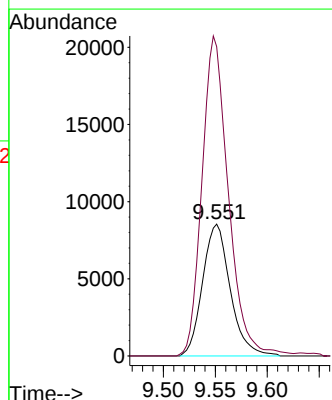
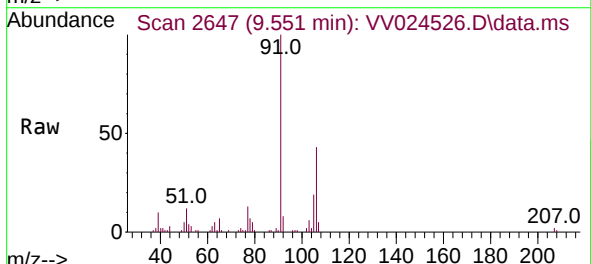
Instrument :
MSVOA_V
ClientSampleId :

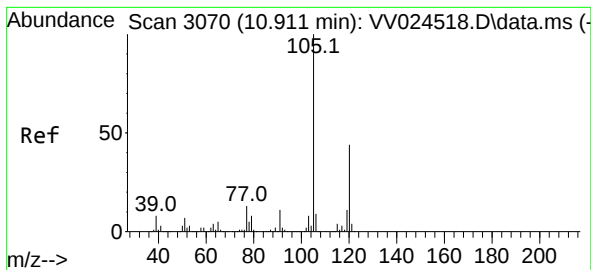
Tgt Ion:106 Resp: 45575
Ion Ratio Lower Upper
106 100
91 210.4 144.6 268.6



#54
o-Xylene
Concen: 3.606 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV024526.D
Acq: 02 Feb 2022 15:47

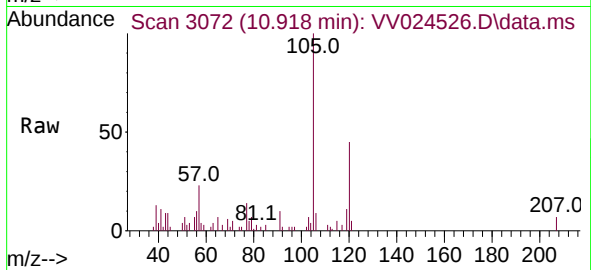
Tgt Ion:106 Resp: 15837
Ion Ratio Lower Upper
106 100
91 234.6 155.4 288.6





#63
 1,2,4-Trimethylbenzene
 Concen: 1.162 ug/L
 RT: 10.918 min Scan# 3070
 Delta R.T. 0.006 min
 Lab File: VV024526.D
 Acq: 02 Feb 2022 15:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 11180
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.9 52.3

