

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018462.D
 Acq On : 04 Jun 2024 14:27
 Operator : SY/MD
 Sample : P2683-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M

Title : SW846 8260

Signal : TIC: VY018462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.698	461	472	477	rBV3	7416	20825	2.43%	0.545%
2	7.710	954	966	972	rBV2	102512	247534	28.89%	6.474%
3	7.777	972	977	989	rVB	93437	211482	24.68%	5.531%
4	8.130	1026	1035	1044	rBV	93452	207840	24.25%	5.436%
5	8.679	1116	1125	1135	rBV	160981	320484	37.40%	8.382%
6	10.173	1362	1370	1379	rBV	437249	741959	86.58%	19.406%
7	11.484	1576	1585	1595	rBV	215190	358024	41.78%	9.364%
8	12.331	1717	1724	1735	rVB	531855	856944	100.00%	22.414%
9	12.477	1738	1748	1755	rBV	228194	361899	42.23%	9.466%
10	12.581	1755	1765	1772	rVB	88751	151386	17.67%	3.960%
11	12.892	1810	1816	1822	rVB2	18442	32051	3.74%	0.838%
12	13.337	1884	1889	1897	rBV6	10978	23656	2.76%	0.619%
13	13.422	1897	1903	1910	rVB	163248	252833	29.50%	6.613%
14	15.178	2186	2191	2197	rBV	22704	36394	4.25%	0.952%

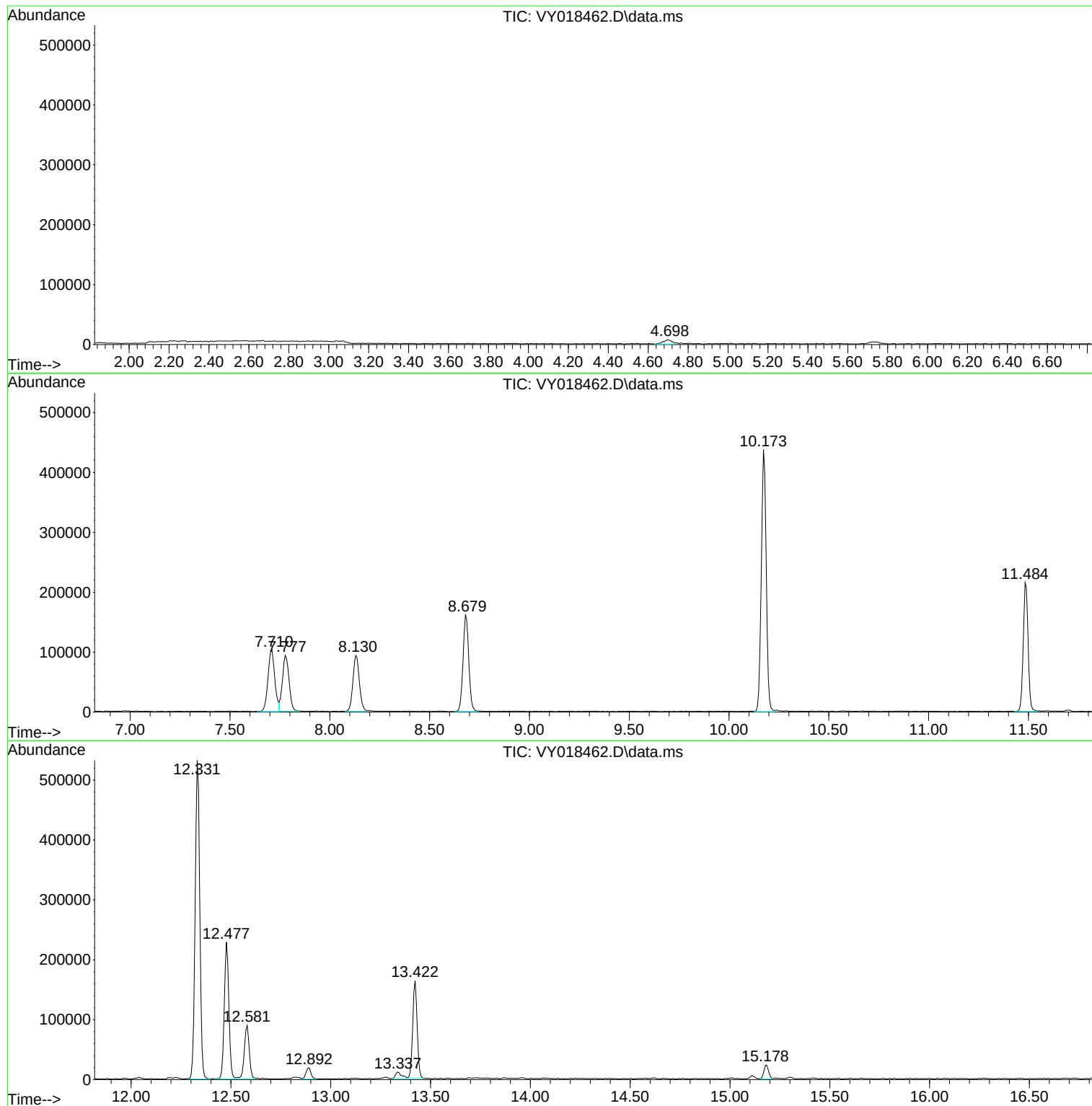
Sum of corrected areas: 3823311

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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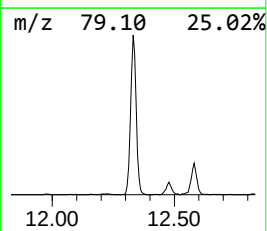
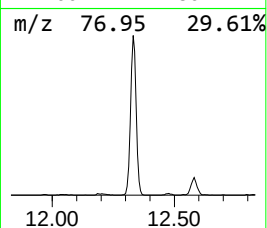
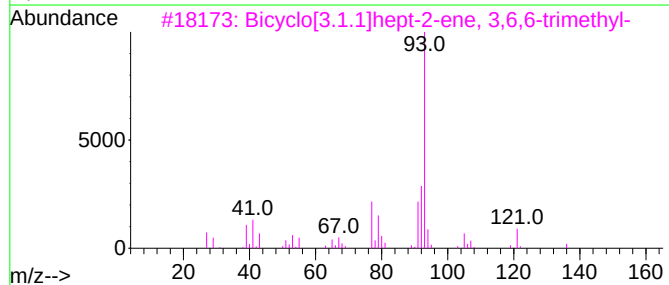
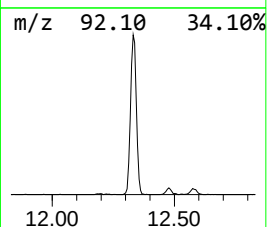
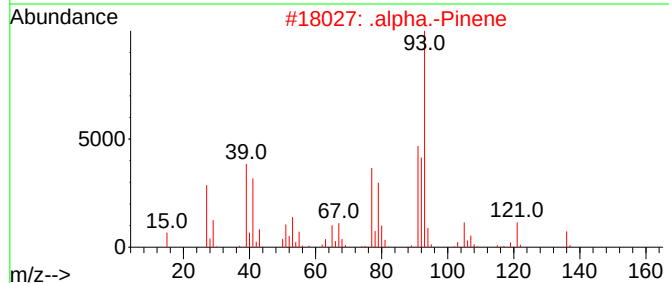
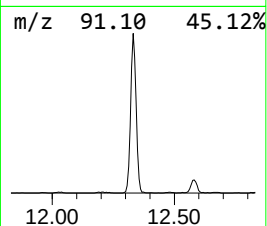
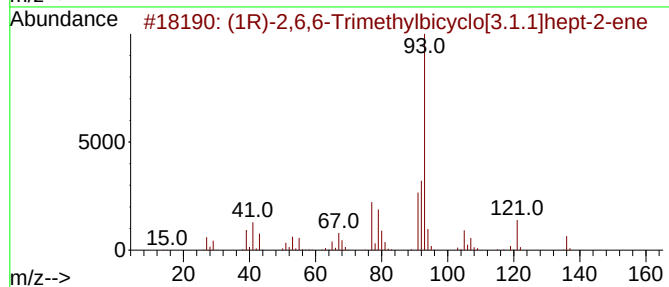
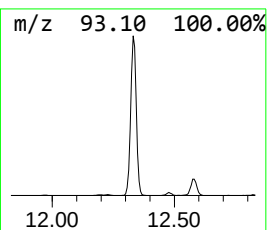
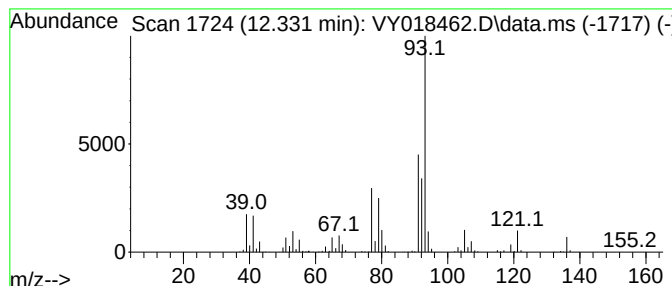
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.331	119.68 ug/l	856944	Chlorobenzene-d5	11.483	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	90
5	Bicyclo[3.1.1]heptane, 6,6-dimethyl-	136	C10H16	018172-67-3	87



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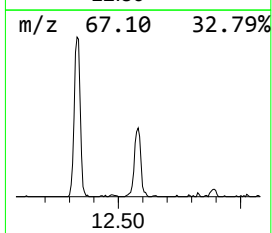
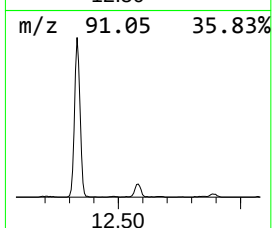
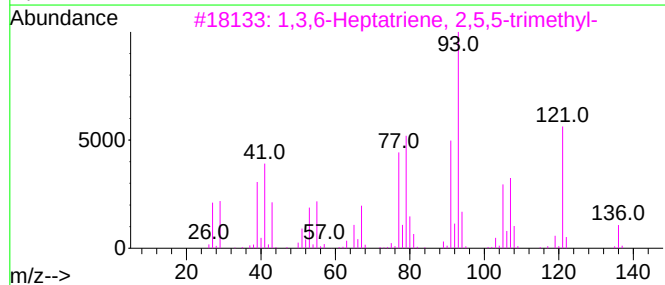
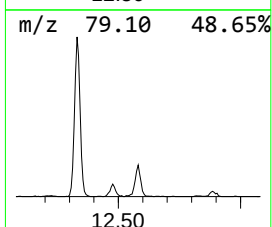
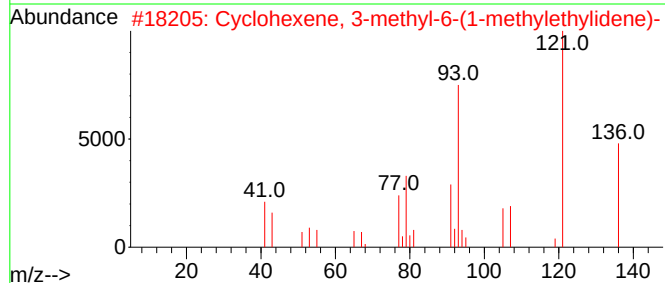
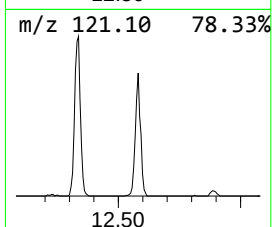
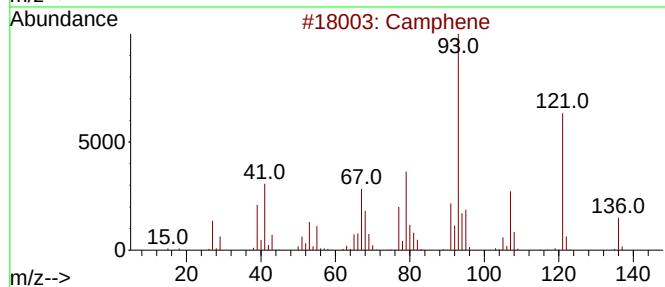
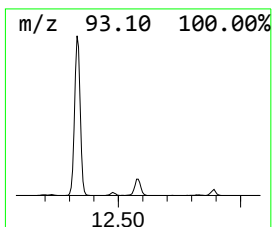
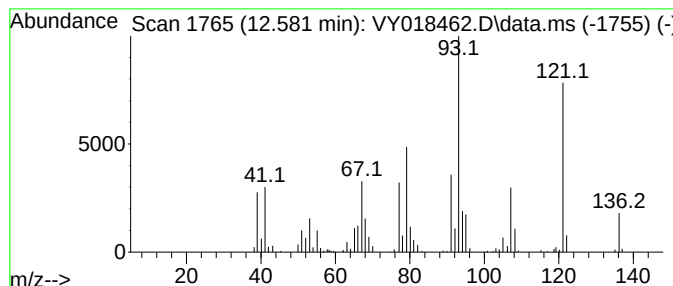
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Peak Number 2 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	29.94 ug/l	151386	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	96
2			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	91
3			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	87
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	87



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Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

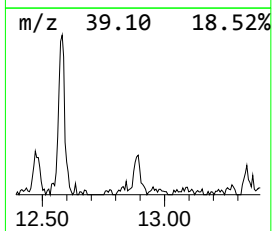
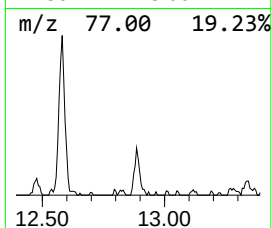
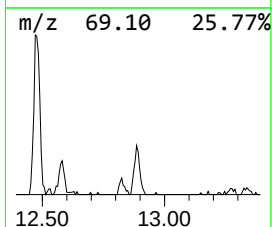
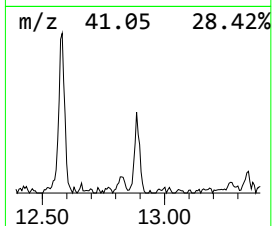
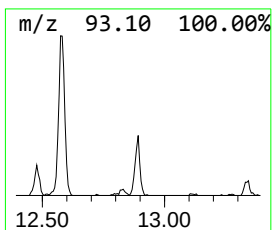
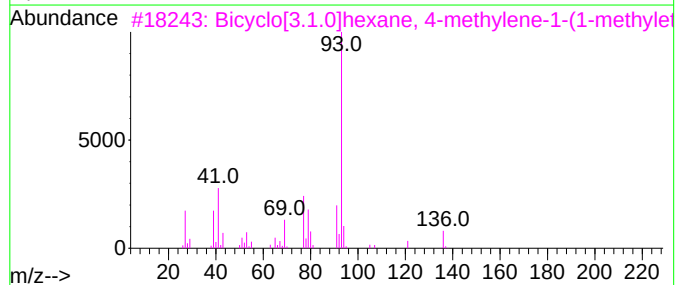
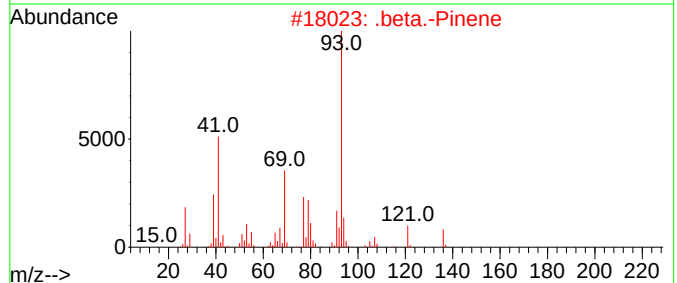
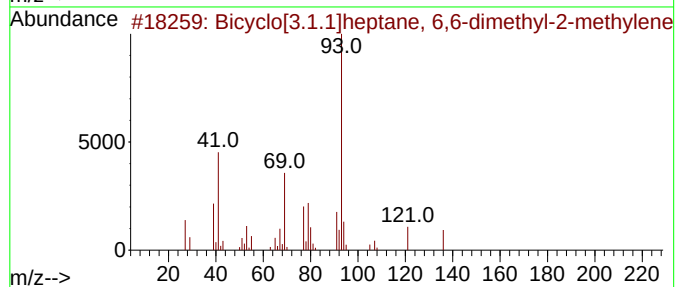
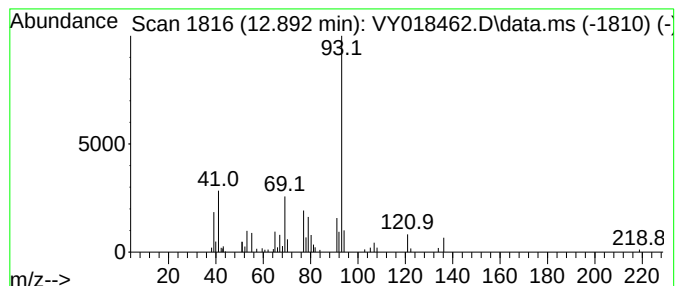
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	6.34 ug/l	32051	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95
2			.beta.-Pinene	136	C10H16	000127-91-3	94
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
4			.beta.-Myrcene	136	C10H16	000123-35-3	87
5			(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	83



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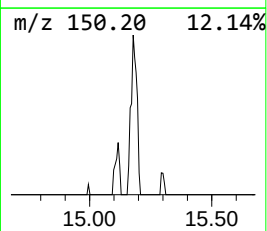
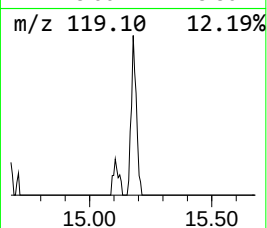
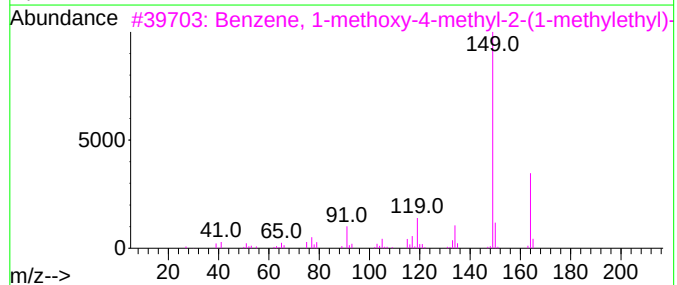
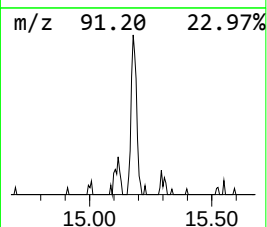
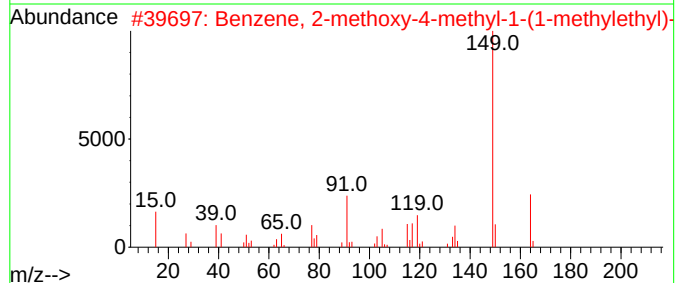
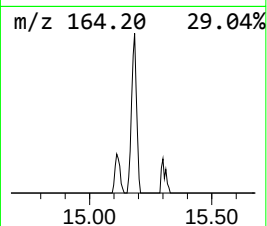
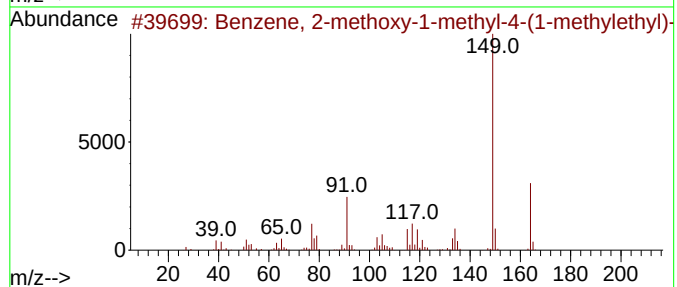
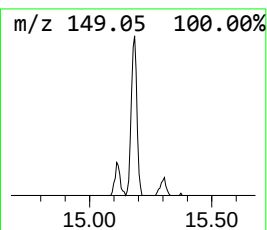
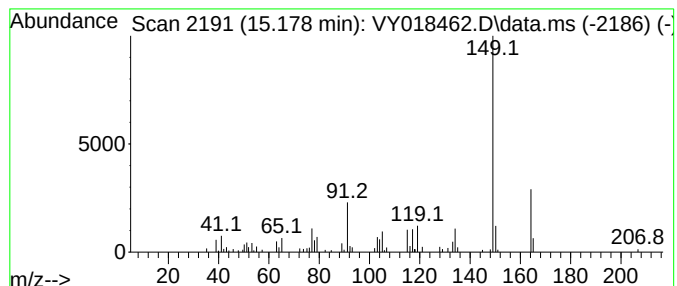
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-methoxy-1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.178	7.20 ug/l	36394	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-methoxy-1-methyl-4-(1...	164	C11H16O	006379-73-3	91
2			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	91
3			Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	90
4			Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	74
5			Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trim...	12.331	119.7	ug/l	856944	3	11.483	358024	50.0
Camphene	12.581	29.9	ug/l	151386	4	13.422	252833	50.0
Bicyclo[3.1.1]h...	12.892	6.3	ug/l	32051	4	13.422	252833	50.0
Benzene, 2-meth...	15.178	7.2	ug/l	36394	4	13.422	252833	50.0