

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063443.D
 Acq On : 8 Aug 2019 17:25
 Operator : JC/SY
 Sample : K4223-10
 Misc : 4.59g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-5

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_D\METHOD\82D072919S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.265	179	187	203	rVB2	394425	1128491	100.00%	21.038%
2	3.472	203	208	210	rBV2	16641	41349	3.66%	0.771%
3	3.817	237	243	248	rBV	31682	86122	7.63%	1.606%
4	6.081	467	473	478	rBV	19691	56438	5.00%	1.052%
5	6.475	504	513	517	rBV2	10208	33182	2.94%	0.619%
6	6.927	554	559	566	rBV	163640	421002	37.31%	7.849%
7	7.055	566	572	577	rVB	167864	448134	39.71%	8.355%
8	7.459	606	613	623	rBV	167223	432856	38.36%	8.070%
9	8.227	683	691	701	rBV	239146	596742	52.88%	11.125%
10	10.087	875	880	888	rVB2	42772	93129	8.25%	1.736%
11	10.422	907	914	920	rBV	239602	566747	50.22%	10.566%
12	12.371	1108	1112	1117	rBV	326443	511765	45.35%	9.541%
13	13.563	1229	1233	1241	rVB	275059	367577	32.57%	6.853%
14	14.517	1326	1330	1334	rBV	235381	349401	30.96%	6.514%
15	15.344	1412	1414	1421	rVB	52741	75802	6.72%	1.413%
16	15.896	1467	1470	1473	rBV	85236	98268	8.71%	1.832%
17	16.595	1538	1541	1546	rBV2	44043	56942	5.05%	1.062%

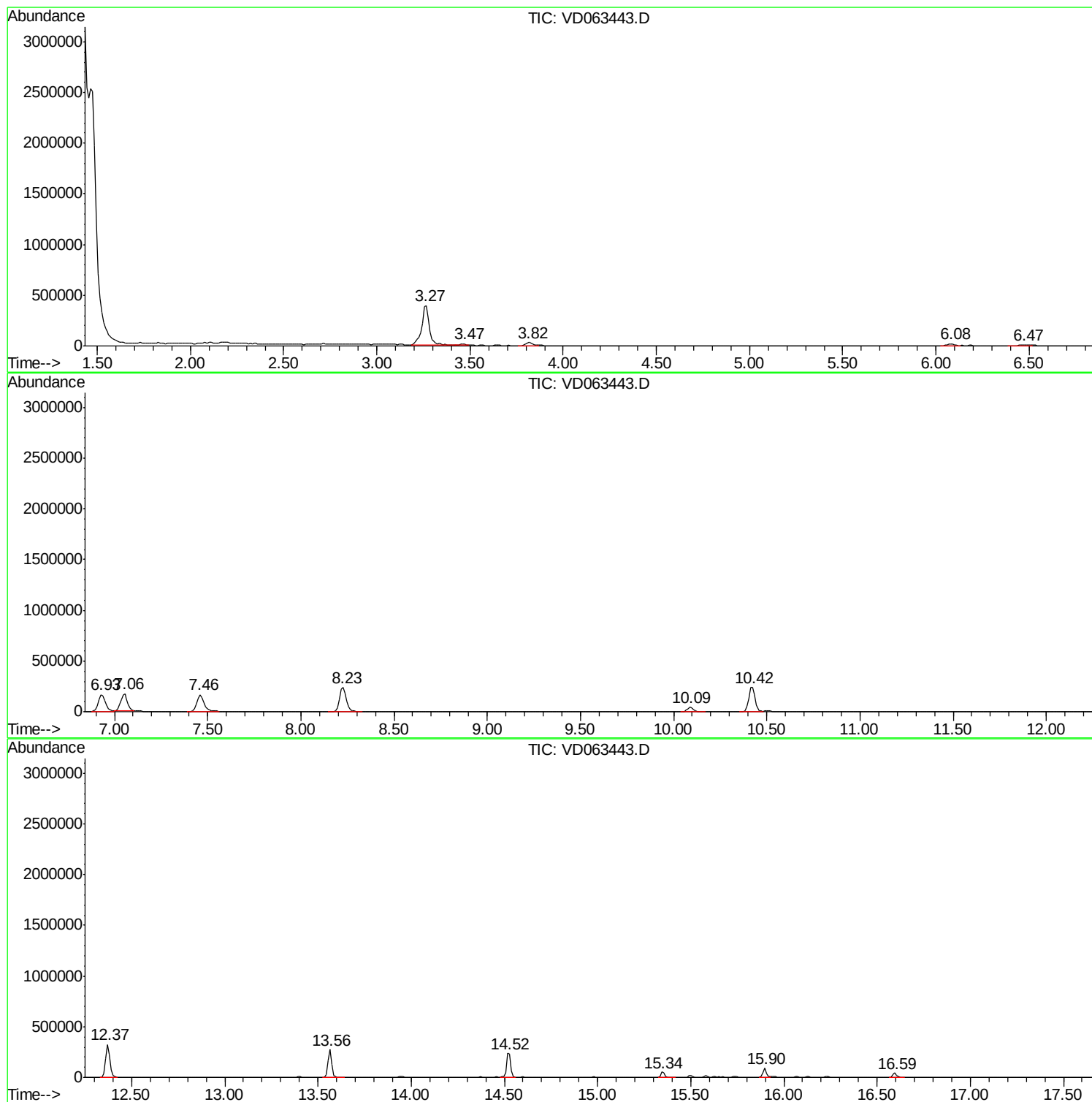
Sum of corrected areas: 5363947

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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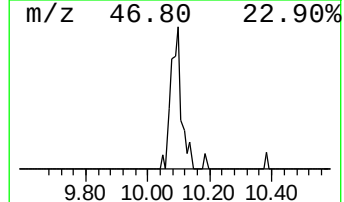
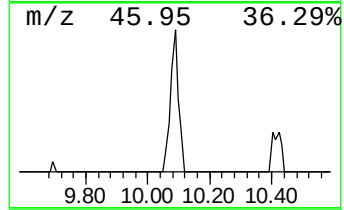
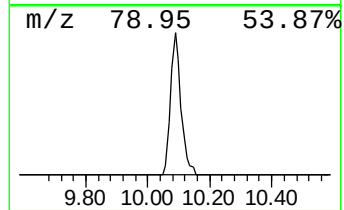
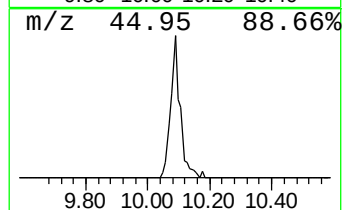
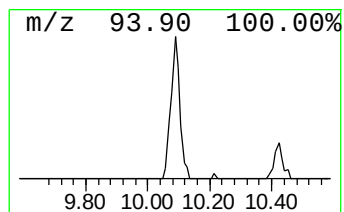
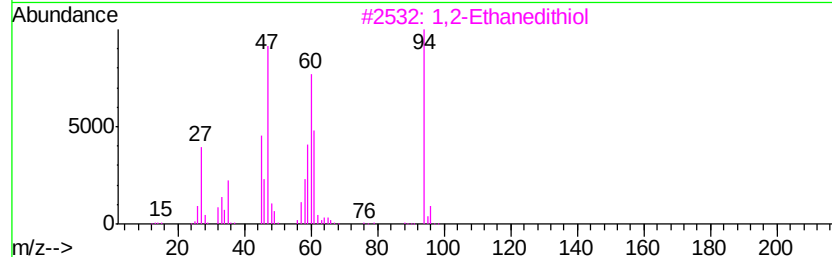
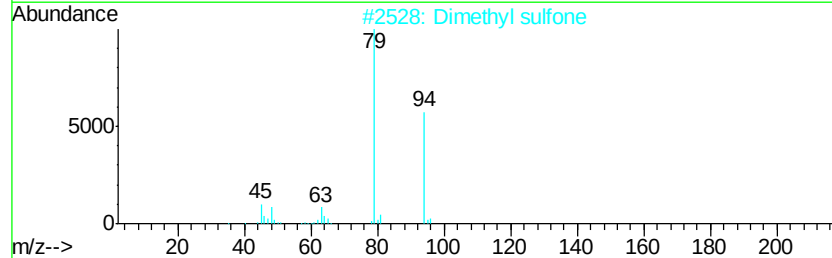
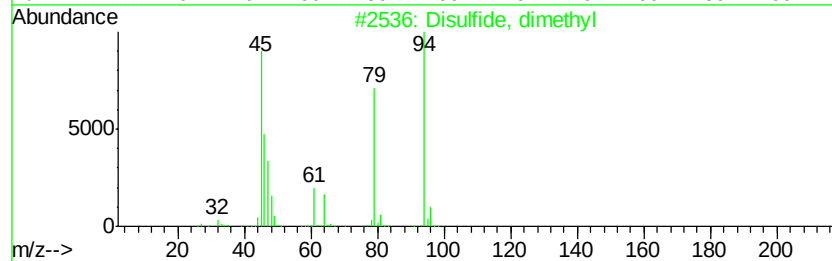
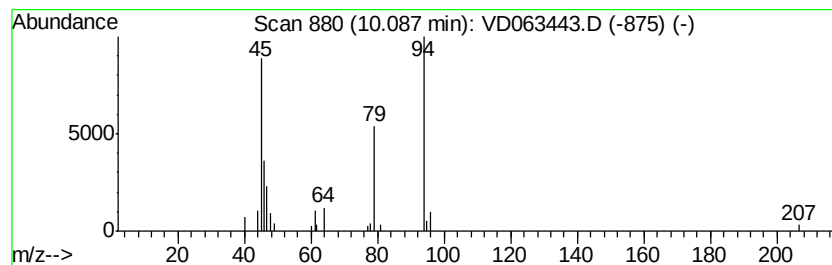
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Disulfide, dimethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.09	7.80 ug/l	93129	1,4-Difluorobenzene	8.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
2	Dimethyl sulfone	94	C2H6O2S	000067-71-0	53
3	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	25
4	dl-Cystathionine	222	C7H14N2O4S	000535-34-2	17
5	Ethyne, dichloro-	94	C2Cl2	007572-29-4	16



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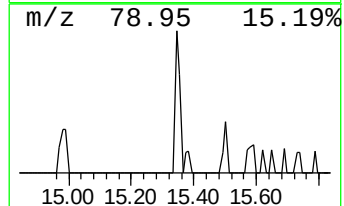
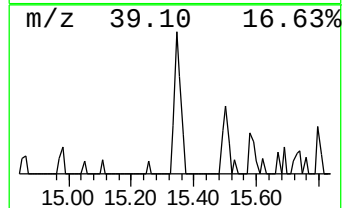
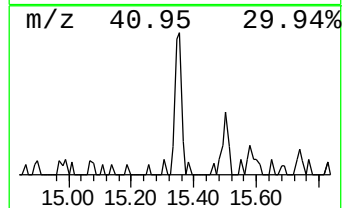
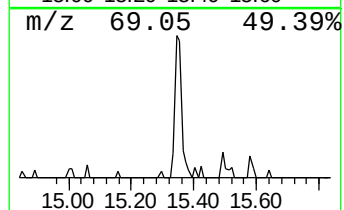
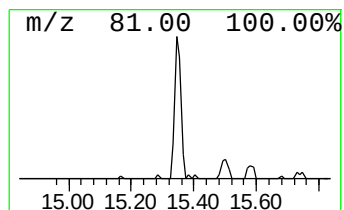
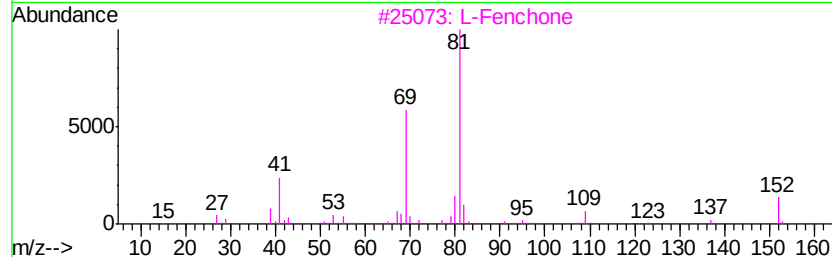
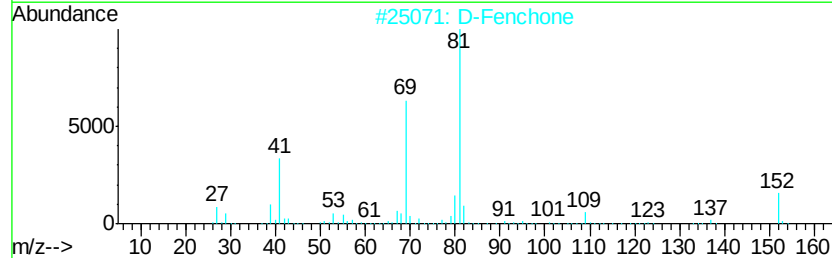
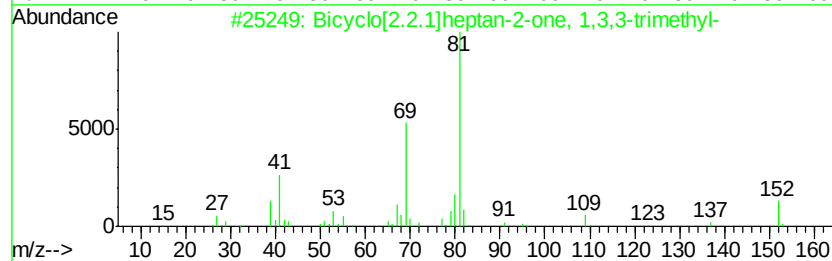
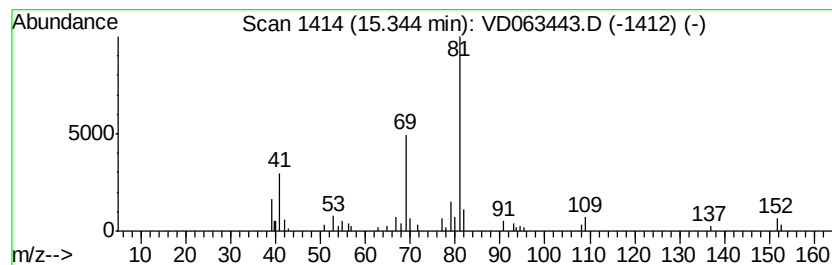
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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	10.85 ug/l	75802	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	001195-79-5 78
2		D-Fenchone	152 C10H16O	004695-62-9 72
3		L-Fenchone	152 C10H16O	007787-20-4 72
4		2-Cyclopentene-1-carboxylic acid...	140 C8H12O2	068317-73-7 45
5		1,4-Pentadiene, 3,3-dimethyl-	96 C7H12	001112-35-2 45



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ALS Vial : 15 Sample Multiplier: 1

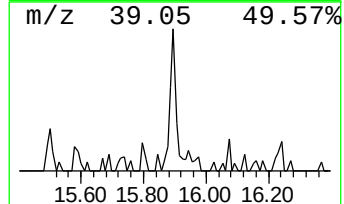
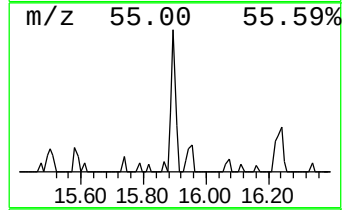
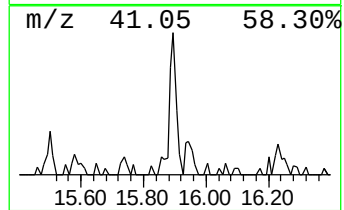
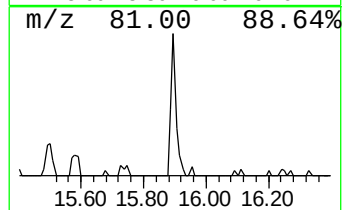
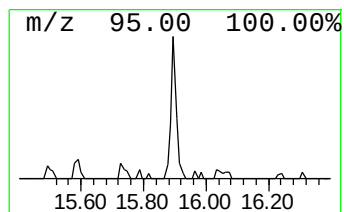
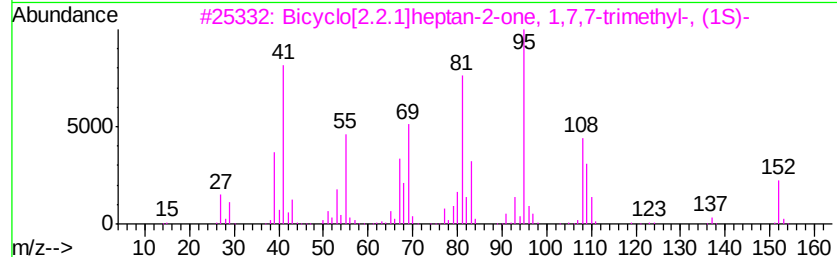
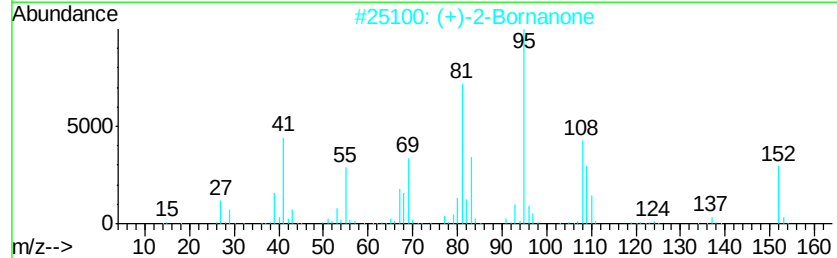
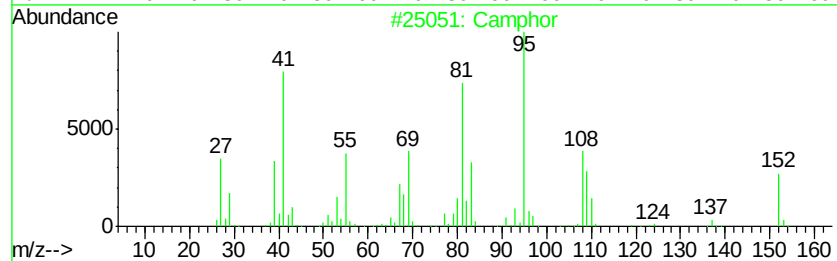
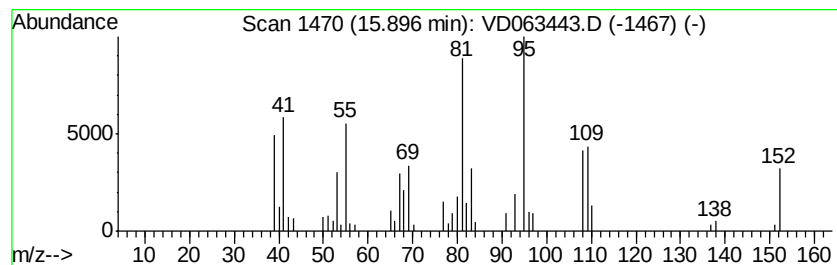
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Peak Number 3 Camphor Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	14.06 ug/l	98268	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphor	152 C10H16O	000076-22-2	96
2	(+)-2-Bornanone	152 C10H16O	000464-49-3	95
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	93
4	1-Adamantanol	152 C10H16O	000768-95-6	25
5	L-Fenchone	152 C10H16O	007787-20-4	22



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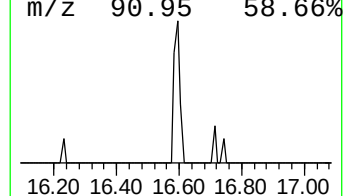
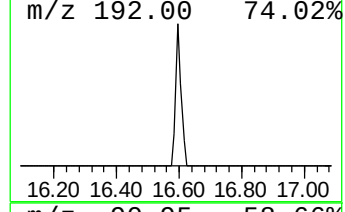
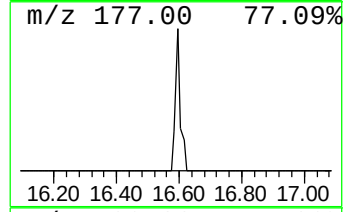
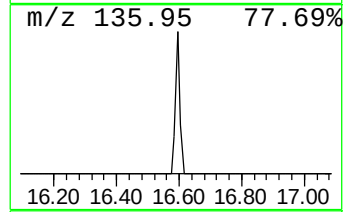
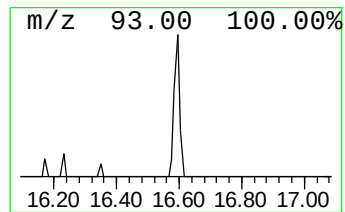
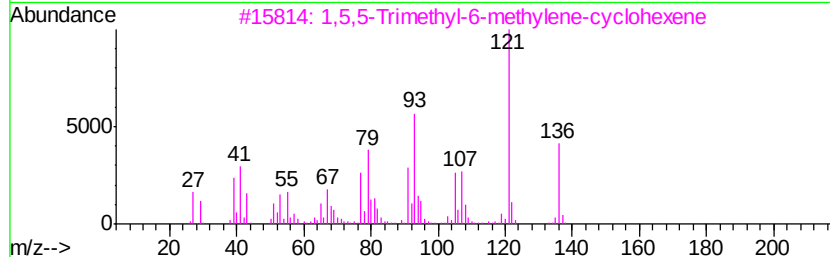
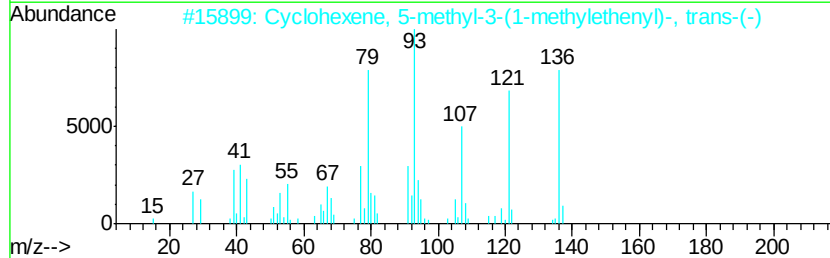
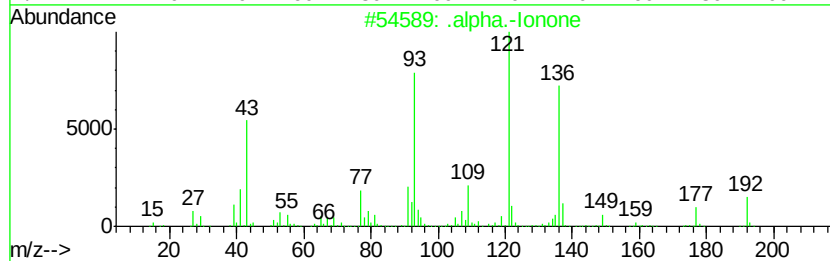
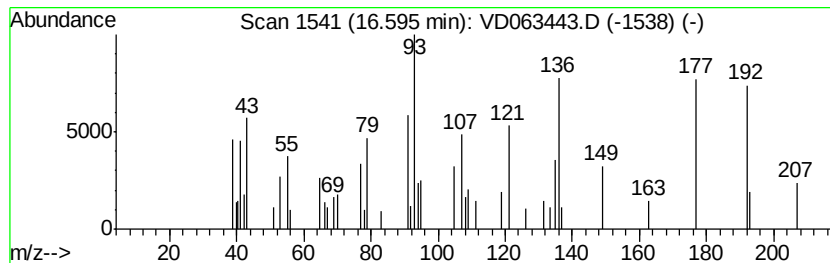
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown16.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.59	8.15 ug/l	56942	1,4-Dichlorobenzene-d4	14.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Ionone	192	C13H20O	000127-41-3	49
2	Cyclohexene, 5-methyl-3-(1-methyl-3-methoxy-2-prop-1-en-1-yl)-	136	C10H16	056816-08-1	42
3	1,5,5-Trimethyl-6-methylene-cyclohexene	136	C10H16	000514-95-4	38
4	5,6-Dimethoxy-1-indanone	192	C11H12O3	002107-69-9	38
5	Cyclohexene, 1-methyl-4-(1-methyl-3-methoxy-2-prop-1-en-1-yl)-	136	C10H16	000586-62-9	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Disulfide, dimethyl	10.09	7.8	ug/l	93129	2	8.23	596742	50.0
Bicyclo[2.2.1]hept...	15.34	10.9	ug/l	75802	4	14.53	349401	50.0
Camphor	15.90	14.1	ug/l	98268	4	14.53	349401	50.0
unknown16.59	16.59	8.2	ug/l	56942	4	14.53	349401	50.0