

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006045.D
 Acq On : 16 Sep 2021 14:11
 Operator : SY/MD
 Sample : M3733-06
 Misc : 6.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-01-(25-27)

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\82Y091421S.M
 Title : SW846 8260

Signal : TIC: VY006045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	463	476	482	rBV4	16228	52718	3.07%	0.506%
2	4.820	483	492	507	rVB	50664	174769	10.19%	1.679%
3	6.990	836	848	866	rBV	455188	1243720	72.50%	11.948%
4	7.722	959	968	974	rBV	131590	314869	18.36%	3.025%
5	7.795	974	980	990	rVB	213769	470842	27.45%	4.523%
6	8.148	1028	1038	1048	rBV	147553	324439	18.91%	3.117%
7	8.697	1119	1128	1142	rBV	372913	740647	43.18%	7.115%
8	10.185	1364	1372	1379	rBV	645626	1126274	65.66%	10.820%
9	10.721	1455	1460	1465	rVB4	17470	28288	1.65%	0.272%
10	11.087	1516	1520	1526	rVB2	13053	23523	1.37%	0.226%
11	11.300	1547	1555	1560	rBV8	12424	35002	2.04%	0.336%
12	11.489	1579	1586	1595	rBV	634805	1044625	60.90%	10.035%
13	11.739	1623	1627	1631	rVV2	15351	27475	1.60%	0.264%
14	11.934	1655	1659	1664	rVB3	12842	20124	1.17%	0.193%
15	12.007	1664	1671	1676	rBV3	40249	90627	5.28%	0.871%
16	12.123	1686	1690	1694	rBV	49420	64205	3.74%	0.617%
17	12.203	1699	1703	1706	rVV6	31652	58519	3.41%	0.562%
18	12.245	1706	1710	1715	rVB4	38583	75039	4.37%	0.721%
19	12.373	1726	1731	1735	rBV4	25255	44608	2.60%	0.429%
20	12.416	1735	1738	1743	rVB2	39227	50666	2.95%	0.487%
21	12.489	1743	1750	1757	rBV2	959954	1715430	100.00%	16.480%
22	12.568	1759	1763	1768	rBV5	13966	28769	1.68%	0.276%
23	12.648	1772	1776	1783	rVB5	44394	95398	5.56%	0.916%
24	12.733	1783	1790	1794	rBV5	25392	58569	3.41%	0.563%
25	12.806	1796	1802	1807	rVV3	75066	159894	9.32%	1.536%
26	12.861	1807	1811	1817	rVB	39624	62823	3.66%	0.604%
27	12.952	1822	1826	1829	rBV2	44288	62762	3.66%	0.603%
28	13.001	1829	1834	1837	rBV3	40248	72887	4.25%	0.700%
29	13.038	1837	1840	1845	rVB	65953	89362	5.21%	0.858%
30	13.166	1857	1861	1866	rBV	47156	75015	4.37%	0.721%
31	13.221	1866	1870	1873	rBV2	20195	32690	1.91%	0.314%
32	13.294	1878	1882	1883	rBV3	22310	31247	1.82%	0.300%
33	13.318	1883	1886	1890	rVV2	52428	72825	4.25%	0.700%
34	13.361	1891	1893	1896	rVV3	23063	28813	1.68%	0.277%
35	13.428	1897	1904	1909	rVB	645531	1018741	59.39%	9.787%
36	13.562	1923	1926	1928	rBV4	15118	20858	1.22%	0.200%

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Title : SW846 8260

37	13.751	1952	1957	1961	rBV3	76669	129557	7.55%	1.245%
38	13.964	1988	1992	1997	rBV2	64747	99305	5.79%	0.954%
39	14.013	1997	2000	2006	rVB2	38413	60198	3.51%	0.578%
40	14.074	2006	2010	2014	rVB2	35455	47919	2.79%	0.460%
41	14.141	2016	2021	2027	rVB3	35959	72121	4.20%	0.693%
42	14.196	2027	2030	2033	rBV4	21214	33209	1.94%	0.319%
43	14.257	2036	2040	2052	rVB6	44399	111914	6.52%	1.075%
44	14.416	2064	2066	2071	rVB3	36814	45396	2.65%	0.436%
45	14.464	2071	2074	2082	rVB6	31835	62638	3.65%	0.602%
46	14.726	2114	2117	2124	rVB2	53558	85880	5.01%	0.825%
47	14.940	2150	2152	2157	rVB4	18328	24179	1.41%	0.232%

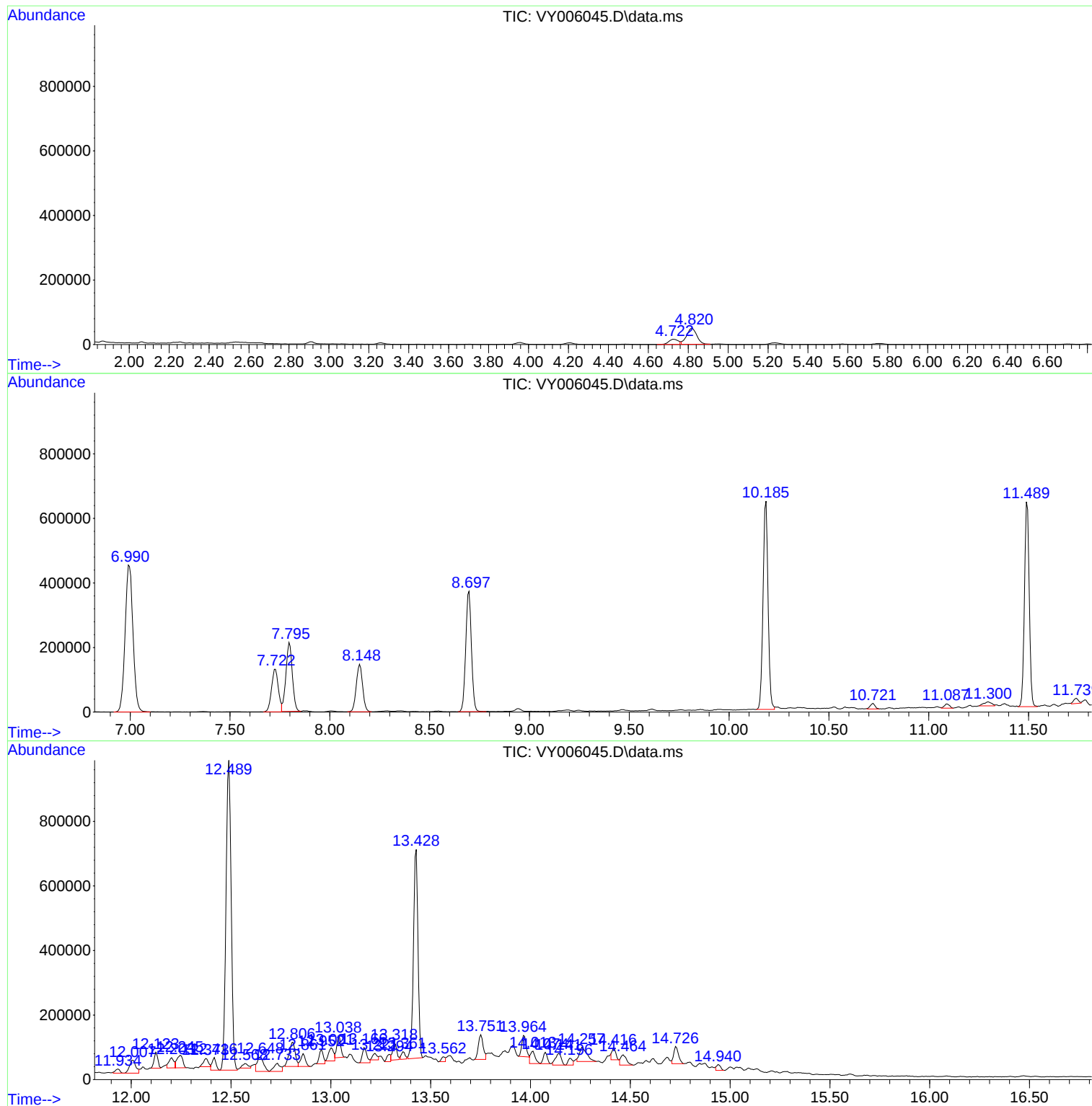
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



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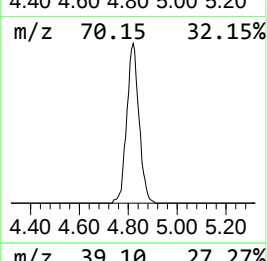
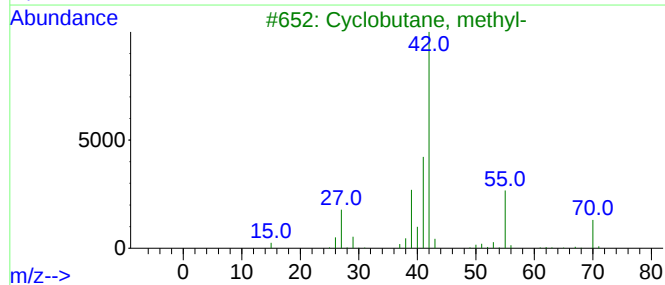
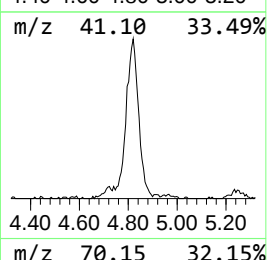
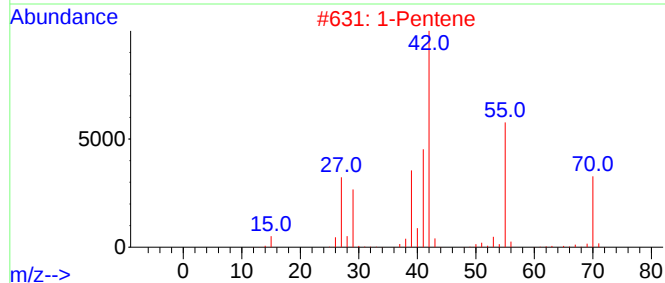
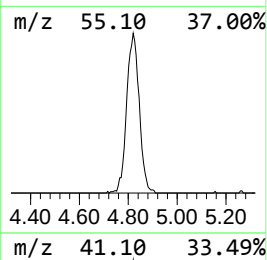
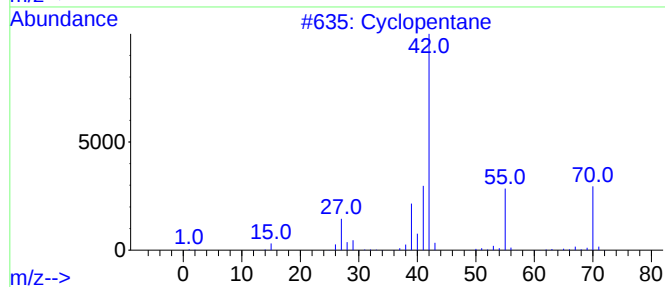
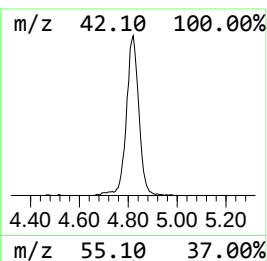
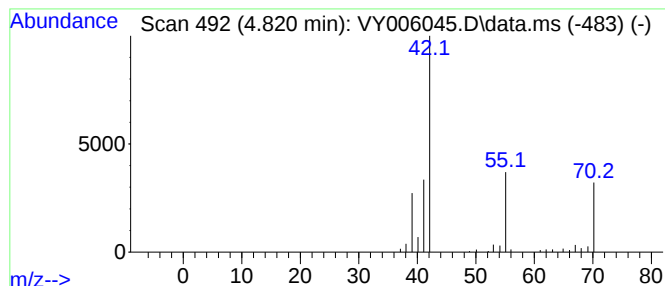
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.820	18.56 ug/l	174769	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	86
2			1-Pentene	70	C5H10	000109-67-1	72
3			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4			Cyclobutanone	70	C4H6O	001191-95-3	9
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	9



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(25-27)

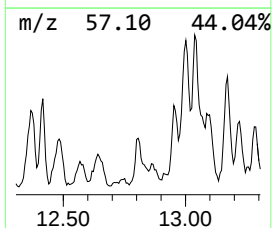
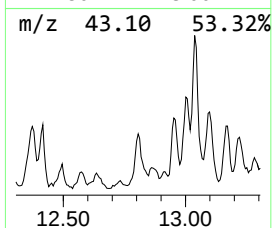
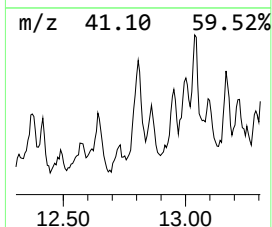
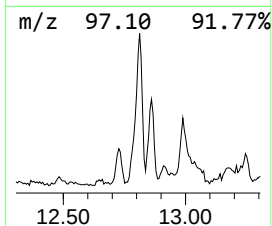
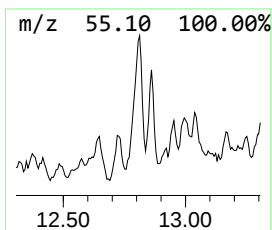
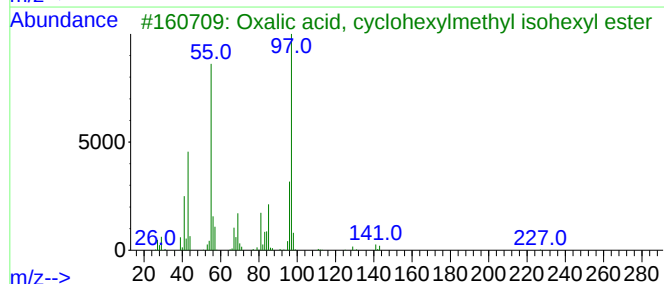
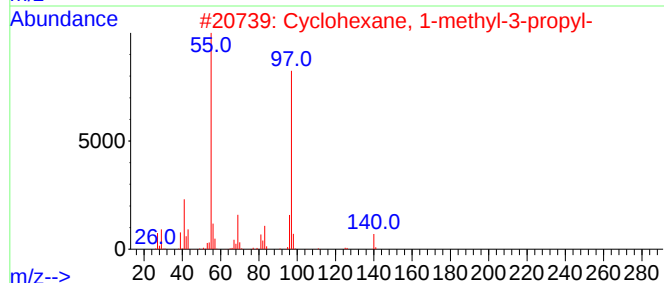
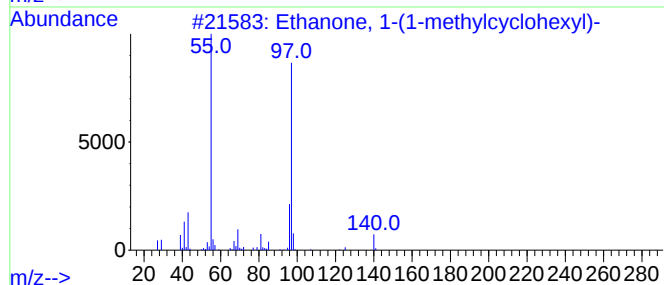
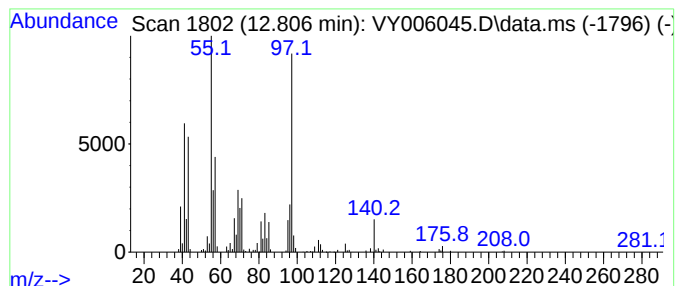
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 3 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	7.85 ug/l	159894	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	52
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46



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Misc : 6.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(25-27)

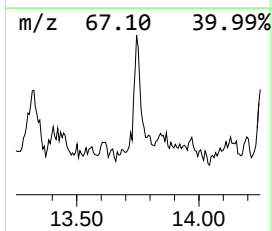
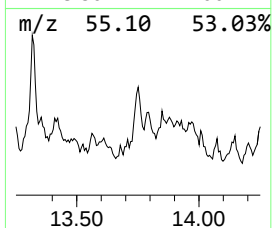
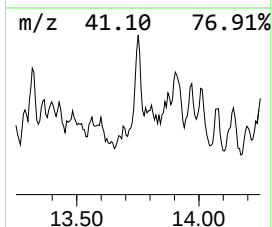
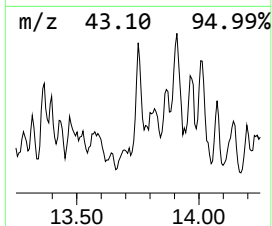
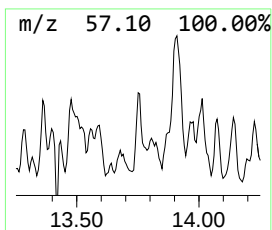
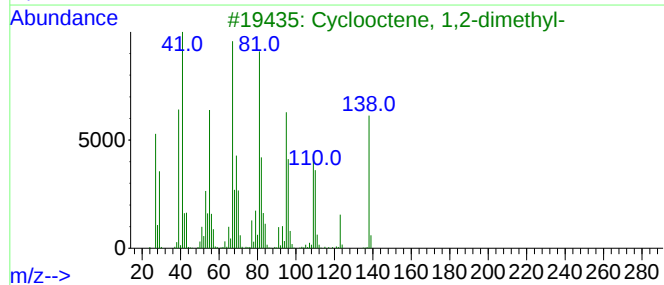
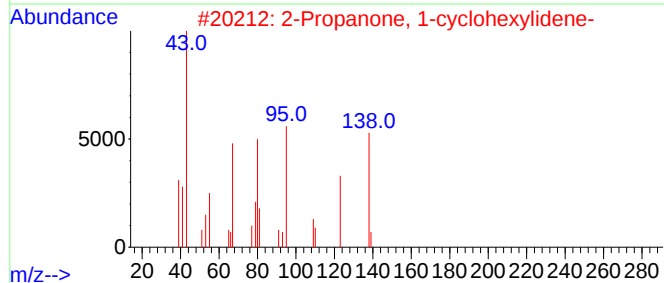
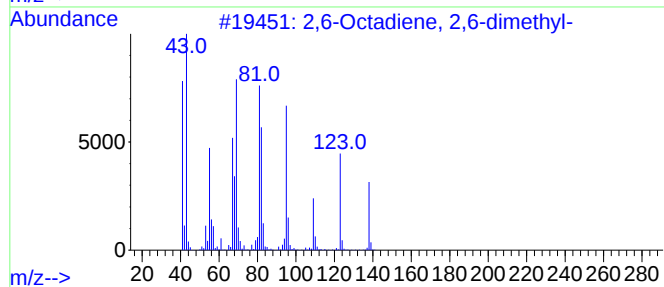
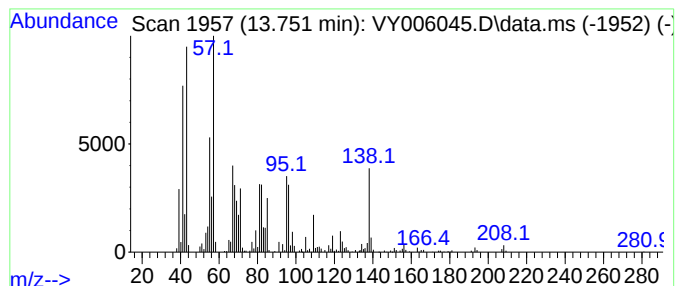
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.751 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	6.36 ug/l	129557	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,6-dimethyl-		138	C10H18	002792-39-4	47	
2	2-Propanone, 1-cyclohexylidene-		138	C9H14O	000874-68-0	43	
3	Cyclooctene, 1,2-dimethyl-		138	C10H18	054299-96-6	43	
4	L-Menthyl 2-methylbutyrate		240	C15H28O2	1000429-43-8	38	
5	2,5(1H,3H)-Pentalenedione, tetra...		138	C8H10O2	051716-63-3	27	



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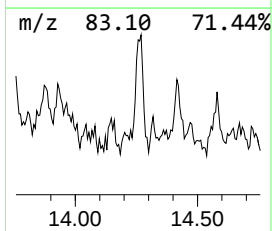
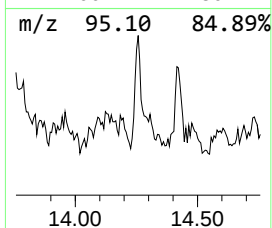
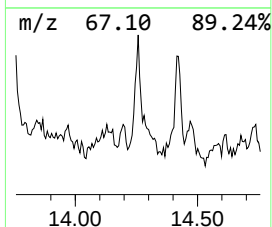
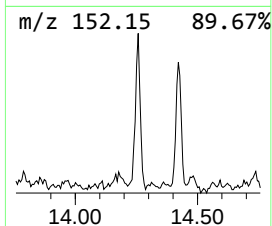
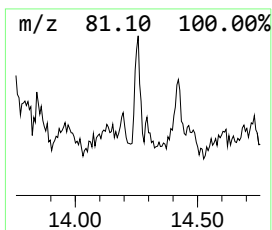
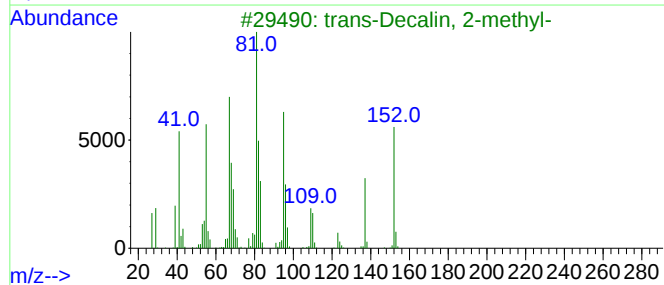
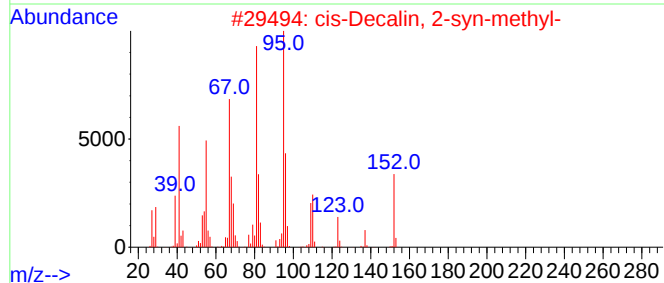
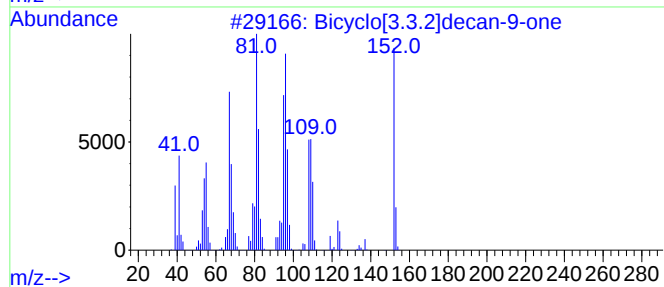
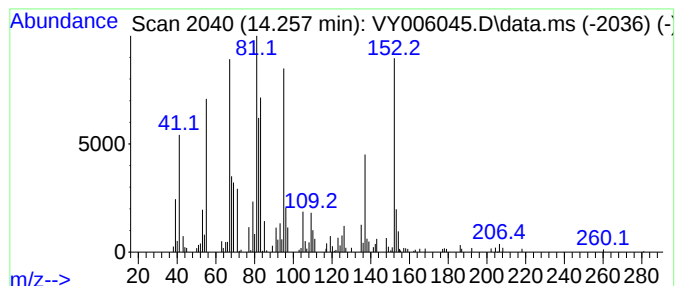
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Bicyclo[3.3.2]decan-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.49 ug/l	111914	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	64
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	59
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane	4.820	18.6	ug/l	174769	1	7.795	470842	50.0
Ethanone, 1-(1-...	12.806	7.8	ug/l	159894	4	13.428	1018740	50.0
unknown13.751	13.751	6.4	ug/l	129557	4	13.428	1018740	50.0
Bicyclo[3.3.2]d...	14.257	5.5	ug/l	111914	4	13.428	1018740	50.0