

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006177.D
 Acq On : 27 Sep 2021 20:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

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: VY006177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	466	477	493	rVB2	28190	87070	11.40%	1.132%
2	5.765	645	647	655	rVB2	7169	11546	1.51%	0.150%
3	7.728	959	969	974	rBV	99362	237388	31.09%	3.087%
4	7.795	974	980	991	rVB	178530	407740	53.40%	5.302%
5	8.149	1027	1038	1054	rBV	108741	246956	32.34%	3.211%
6	8.697	1119	1128	1141	rVB	282078	552538	72.37%	7.184%
7	10.185	1364	1372	1381	rBV	444427	763526	100.00%	9.928%
8	10.581	1431	1437	1443	rBV2	12768	22673	2.97%	0.295%
9	10.953	1492	1498	1504	rBV4	3474	8009	1.05%	0.104%
10	11.489	1578	1586	1597	rBV	404214	666985	87.36%	8.672%
11	11.709	1613	1622	1625	rBV	4492	10258	1.34%	0.133%
12	11.880	1638	1650	1651	rBV5	6463	16264	2.13%	0.211%
13	12.002	1664	1670	1683	rVB5	3691	13647	1.79%	0.177%
14	12.124	1686	1690	1694	rBV5	4156	7736	1.01%	0.101%
15	12.252	1707	1711	1715	rVB5	5521	9165	1.20%	0.119%
16	12.337	1718	1725	1726	rBV6	8727	12376	1.62%	0.161%
17	12.386	1728	1733	1734	rBV4	7177	10856	1.42%	0.141%
18	12.483	1742	1749	1765	rVB2	377424	627439	82.18%	8.158%
19	12.648	1772	1776	1783	rVB8	4666	10682	1.40%	0.139%
20	12.733	1783	1790	1793	rBV4	5770	11392	1.49%	0.148%
21	12.812	1799	1803	1807	rVB4	13095	19615	2.57%	0.255%
22	12.867	1807	1812	1814	rBV6	4832	7919	1.04%	0.103%
23	12.953	1815	1826	1828	rBV3	21309	58477	7.66%	0.760%
24	13.044	1837	1841	1843	rBV4	12978	19126	2.50%	0.249%
25	13.123	1848	1854	1859	rVV3	23789	47570	6.23%	0.619%
26	13.325	1878	1887	1890	rBV4	15929	35140	4.60%	0.457%
27	13.361	1890	1893	1897	rVV5	7961	13499	1.77%	0.176%
28	13.428	1897	1904	1917	rVB	435477	691716	90.59%	8.994%
29	13.629	1922	1937	1941	rBV	74787	145479	19.05%	1.892%
30	13.751	1952	1957	1961	rBV3	22946	40424	5.29%	0.526%
31	13.794	1961	1964	1969	rVB3	11470	16267	2.13%	0.212%
32	13.855	1971	1974	1977	rBV5	7625	11758	1.54%	0.153%
33	13.916	1981	1984	1988	rVV4	8315	12341	1.62%	0.160%
34	13.971	1988	1993	1998	rVB3	63285	96520	12.64%	1.255%
35	14.013	1998	2000	2006	rVB5	12934	19420	2.54%	0.253%
36	14.080	2006	2011	2016	rVB2	40307	64024	8.39%	0.832%

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

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37	14.148	2016	2022	2027	rBV7	13092	24814	3.25%	0.323%
38	14.202	2027	2031	2033	rBV4	8808	13869	1.82%	0.180%
39	14.263	2036	2041	2045	rBV3	34030	66822	8.75%	0.869%
40	14.337	2050	2053	2056	rVB	14267	17827	2.33%	0.232%
41	14.379	2058	2060	2063	rVB3	8903	8561	1.12%	0.111%
42	14.422	2063	2067	2073	rBV4	22312	37233	4.88%	0.484%
43	14.568	2085	2091	2095	rBV	36428	62854	8.23%	0.817%
44	14.617	2095	2099	2102	rVV5	13784	17658	2.31%	0.230%
45	14.684	2104	2110	2114	rVV4	96289	189372	24.80%	2.462%
46	14.733	2114	2118	2125	rVB2	82626	143343	18.77%	1.864%
47	14.806	2125	2130	2132	rBV6	16154	27255	3.57%	0.354%
48	14.843	2133	2136	2139	rVB4	14699	21704	2.84%	0.282%
49	14.946	2149	2153	2157	rVB4	33211	48422	6.34%	0.630%
50	15.056	2166	2171	2178	rBV2	24055	54181	7.10%	0.704%
51	15.147	2182	2186	2190	rVB	36305	55626	7.29%	0.723%
52	15.221	2192	2198	2205	rBV2	100080	273618	35.84%	3.558%
53	15.440	2231	2234	2241	rVB7	13380	27817	3.64%	0.362%
54	15.544	2242	2251	2256	rVV9	25266	82398	10.79%	1.071%
55	15.611	2256	2262	2267	rVB7	32099	62874	8.23%	0.818%
56	16.080	2336	2339	2347	rVB2	17396	28243	3.70%	0.367%
57	16.153	2347	2351	2357	rVV	46396	77197	10.11%	1.004%
58	16.226	2360	2363	2367	rVV4	12546	23924	3.13%	0.311%
59	16.293	2367	2374	2388	rVB	280644	563266	73.77%	7.324%
60	16.489	2398	2406	2420	rVB	325440	728503	95.41%	9.472%

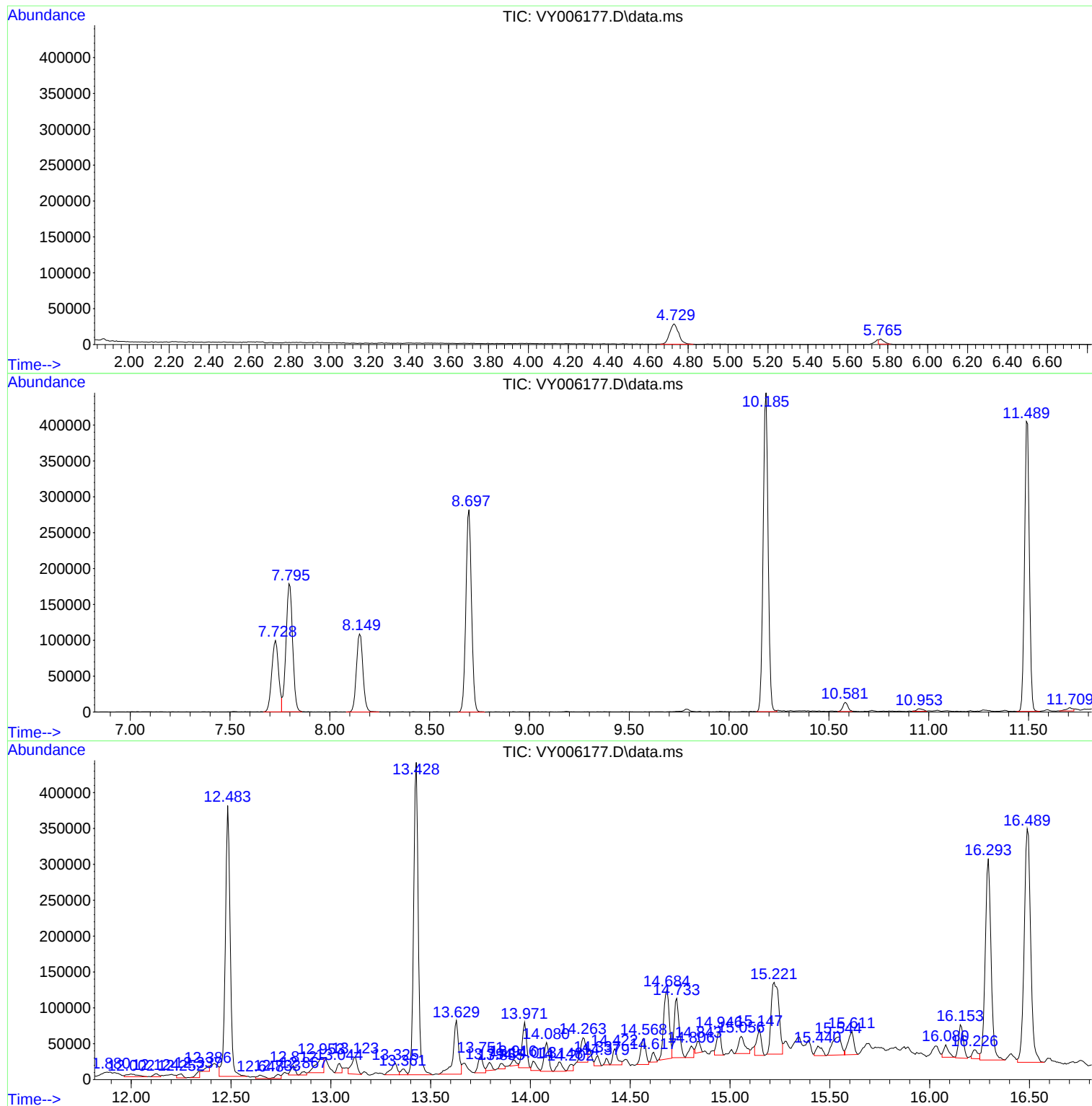
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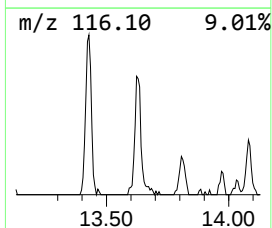
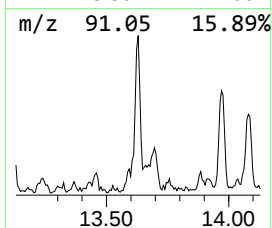
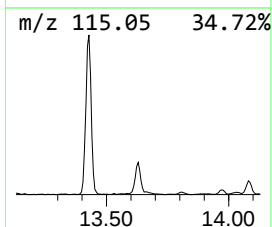
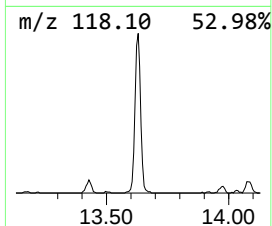
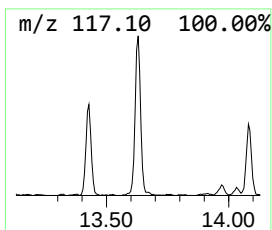
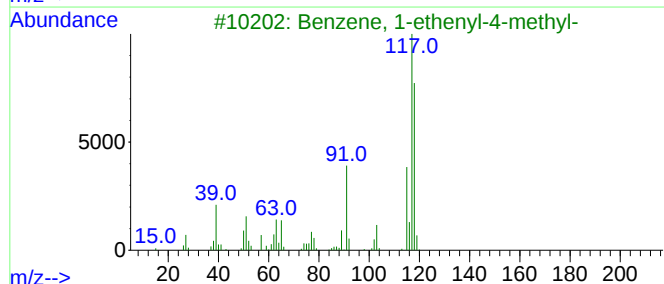
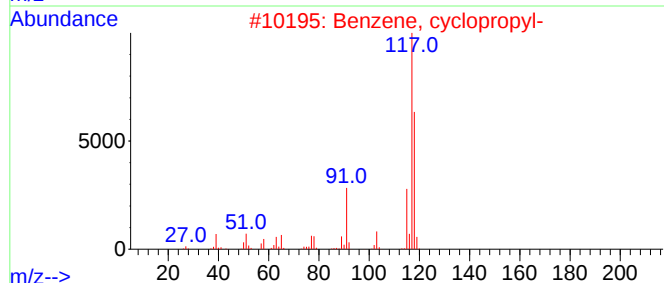
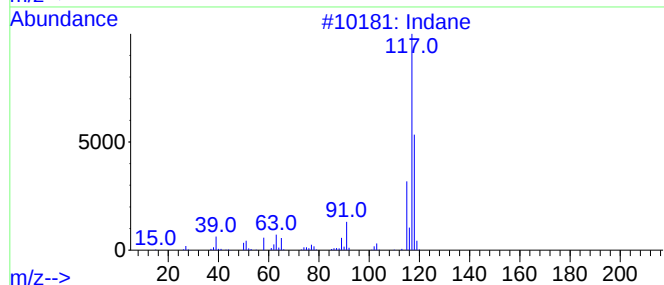
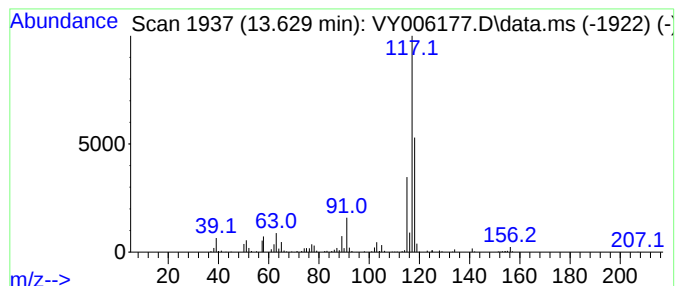
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	10.52 ug/l	145479	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	94
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5			Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59



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ALS Vial : 25 Sample Multiplier: 1

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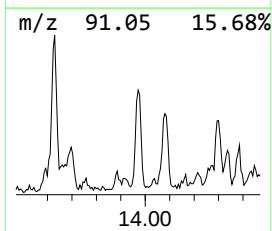
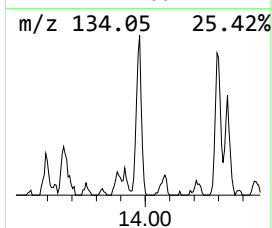
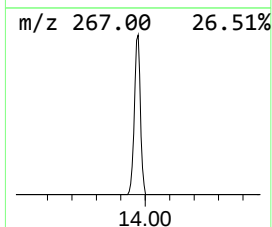
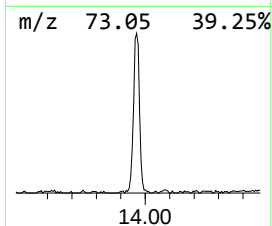
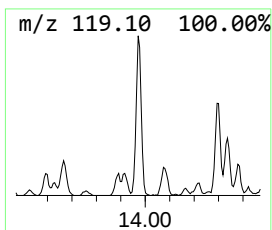
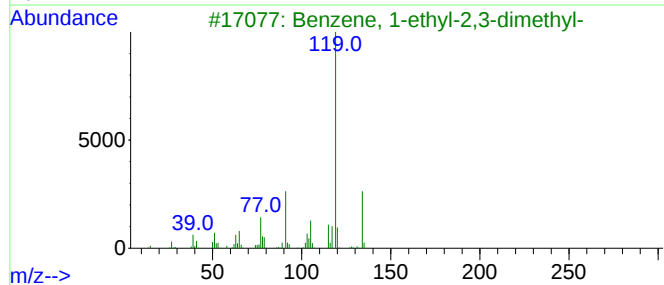
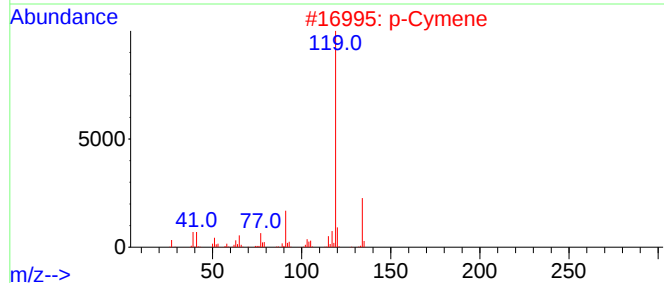
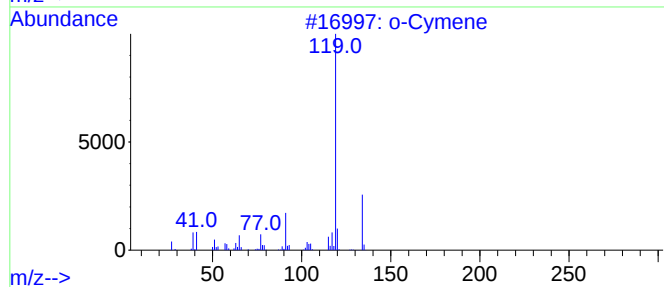
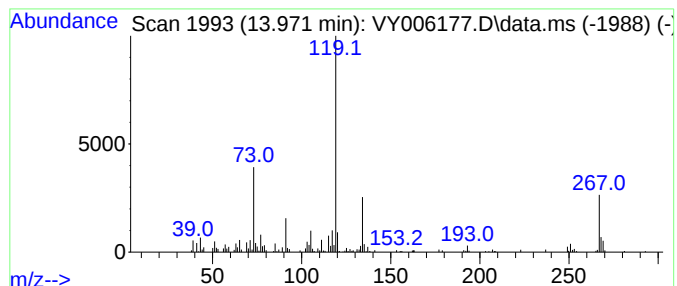
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	6.98 ug/l	96520	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

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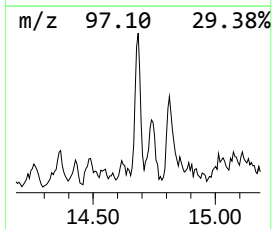
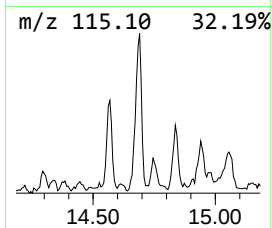
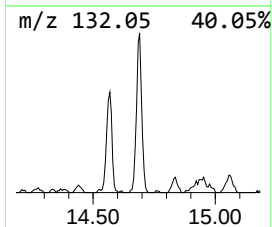
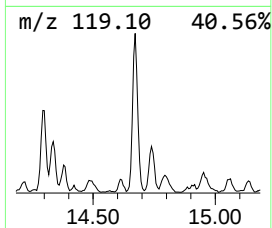
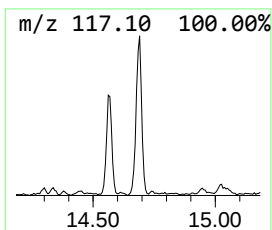
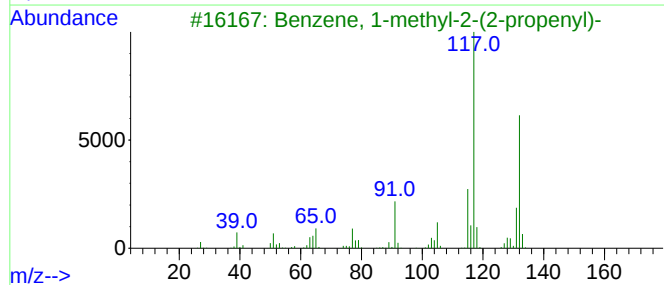
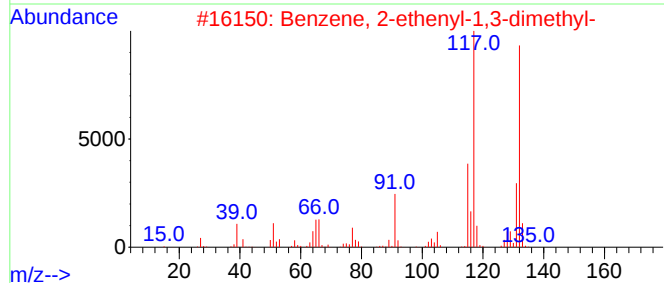
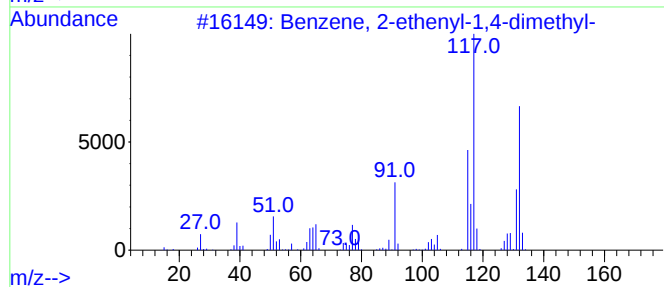
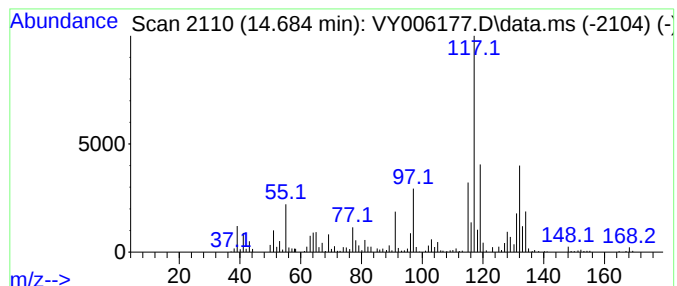
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	13.69 ug/l	189372	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60



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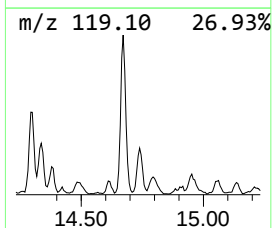
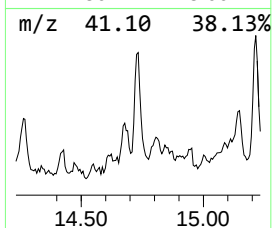
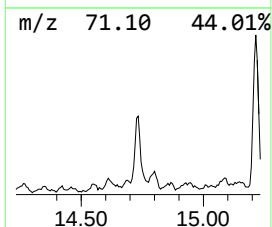
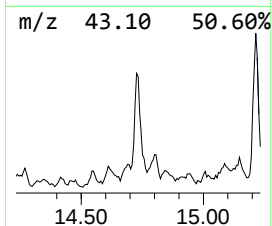
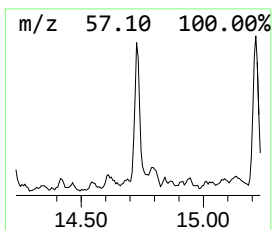
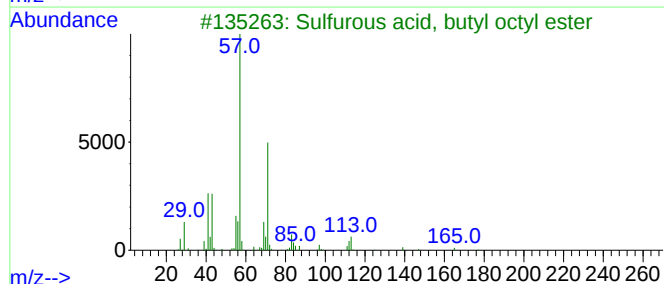
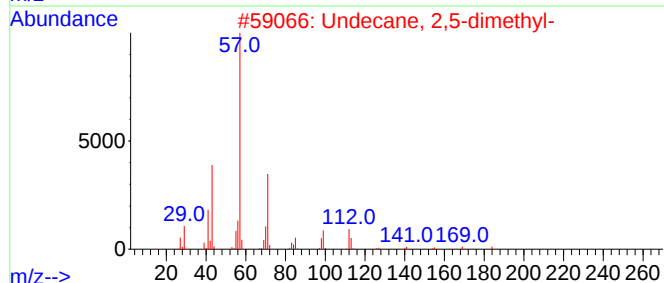
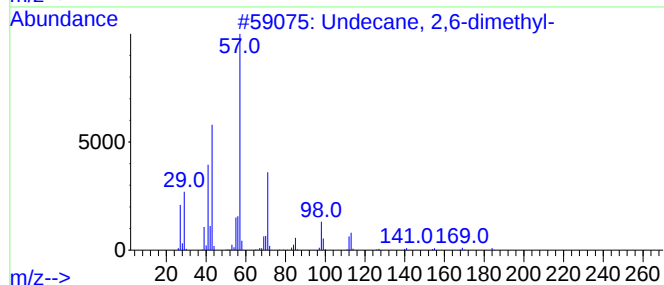
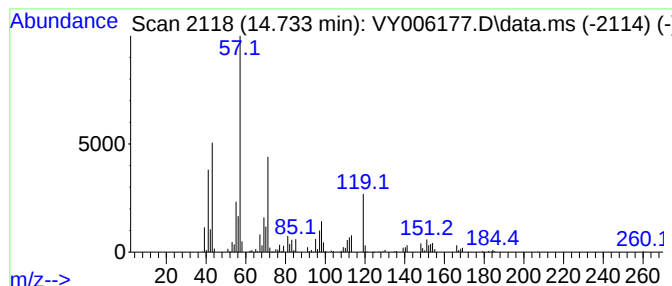
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Quant Title : SW846 8260

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Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	10.36 ug/l	143343	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	49
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35
5			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	35



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VIBLK

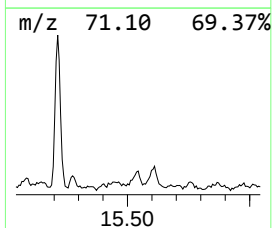
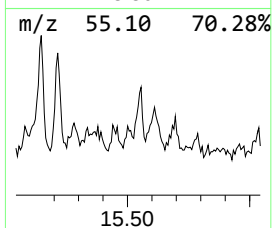
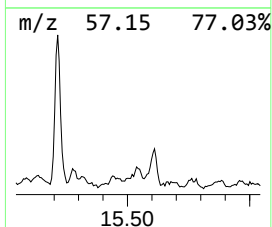
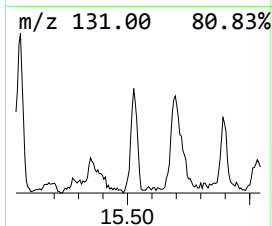
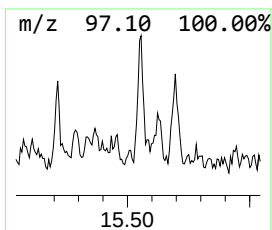
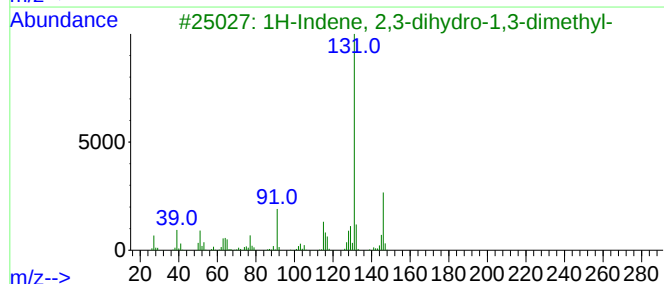
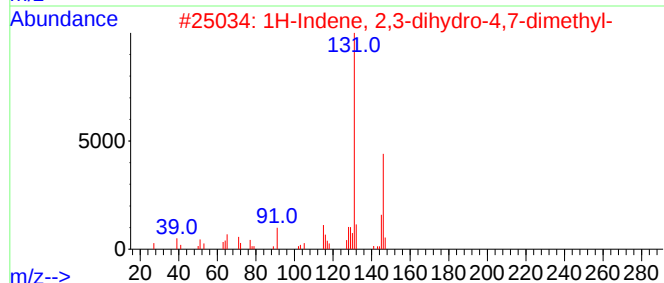
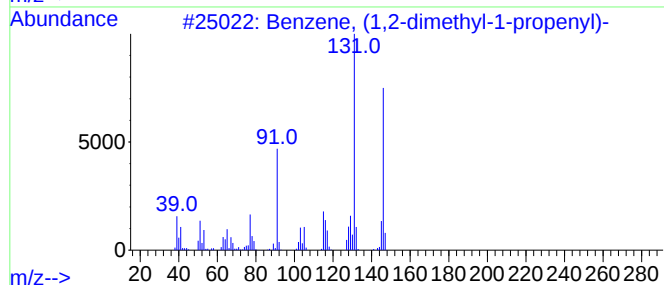
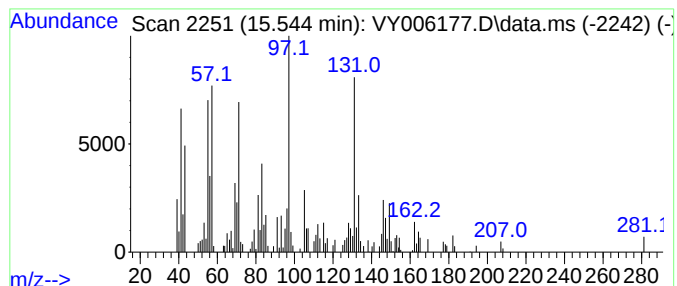
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown15.544 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.544	5.96 ug/l	82398	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	35
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	35
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	30
5			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
Data File : VY006177.D
Acq On : 27 Sep 2021 20:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

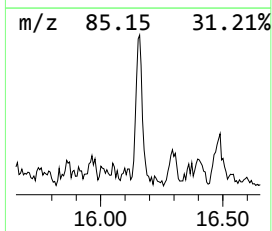
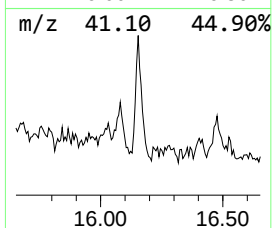
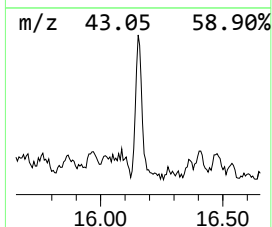
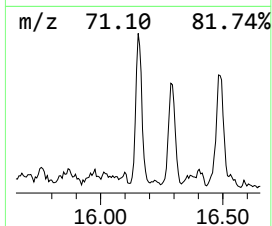
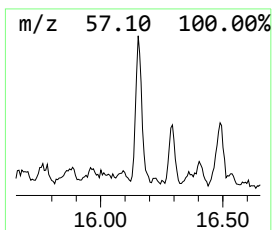
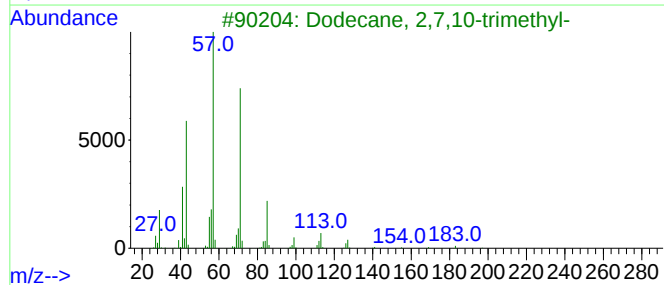
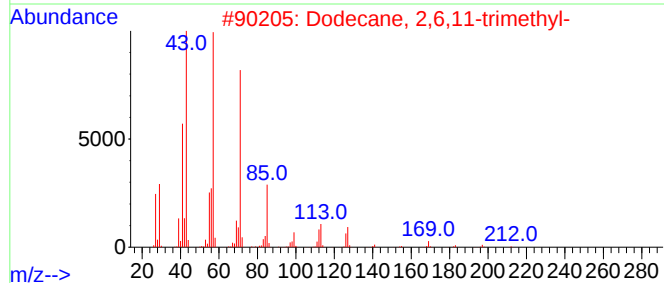
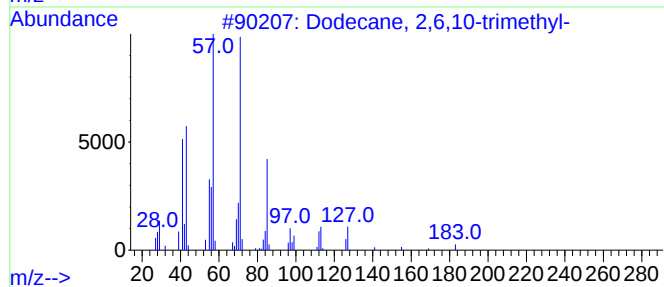
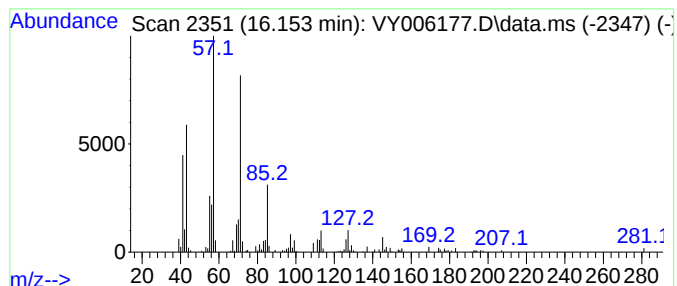
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.153	5.58 ug/l	77197	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
Data File : VY006177.D
Acq On : 27 Sep 2021 20:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

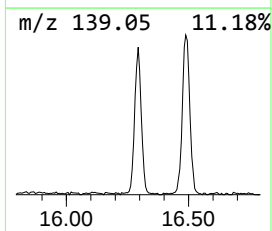
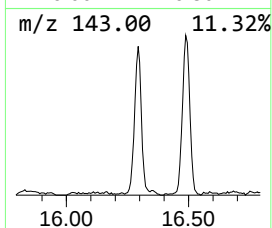
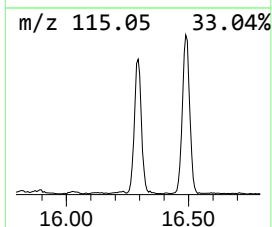
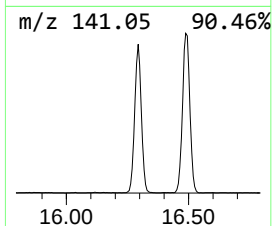
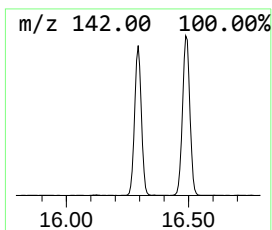
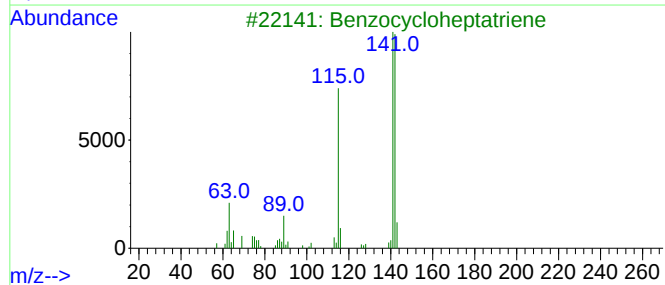
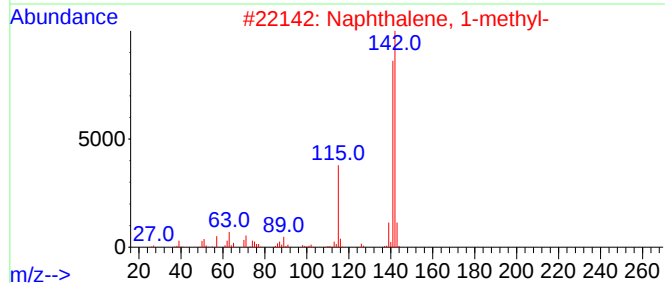
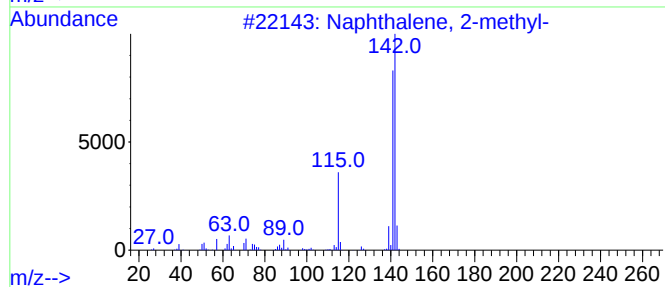
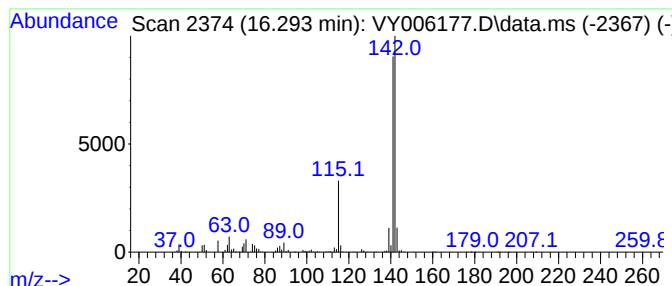
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	40.72 ug/l	563266	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
Data File : VY006177.D
Acq On : 27 Sep 2021 20:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

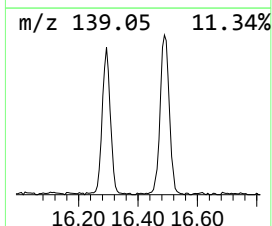
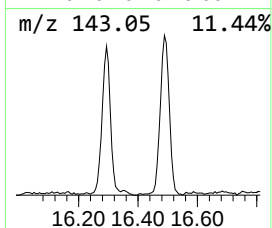
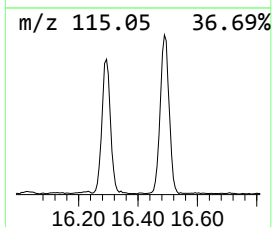
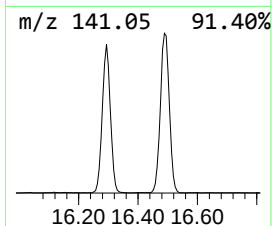
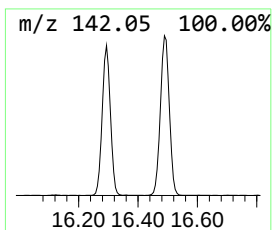
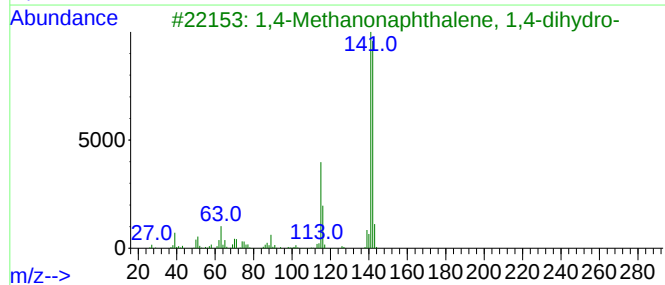
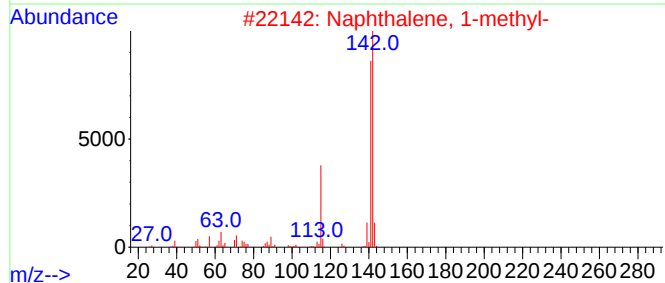
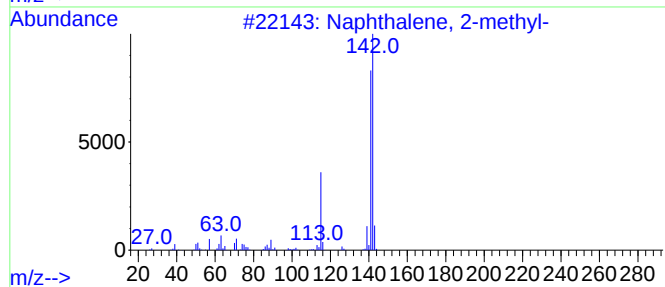
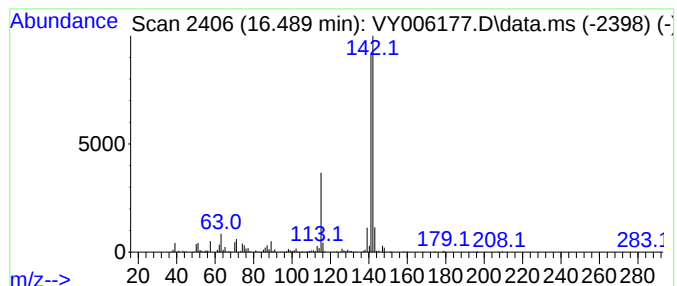
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	52.66 ug/l	728503	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1-Naphthaleneethylamine	171	C12H13N	004735-50-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
Data File : VY006177.D
Acq On : 27 Sep 2021 20:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	13.629	10.5	ug/l	145479	4	13.428	691716	50.0
o-Cymene	13.971	7.0	ug/l	96520	4	13.428	691716	50.0
Benzene, 2-ethe...	14.684	13.7	ug/l	189372	4	13.428	691716	50.0
Undecane, 2,6-d...	14.733	10.4	ug/l	143343	4	13.428	691716	50.0
unknown15.544	15.544	6.0	ug/l	82398	4	13.428	691716	50.0
Dodecane, 2,6,1...	16.153	5.6	ug/l	77197	4	13.428	691716	50.0
Naphthalene, 2-...	16.294	40.7	ug/l	563266	4	13.428	691716	50.0
1,4-Methanonaph...	16.489	52.7	ug/l	728503	4	13.428	691716	50.0