

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013628.D
 Acq On : 05 May 2023 16:18
 Operator : KP/MD
 Sample : 02603-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-SOILCOMP

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\82Y042423S.M
 Title : SW846 8260

Signal : TIC: VY013628.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	464	474	492	rVB3	23831	76756	7.10%	0.950%
2	5.747	634	644	657	rBV	20126	59461	5.50%	0.736%
3	7.716	955	967	972	rBV	159192	391586	36.20%	4.845%
4	7.783	972	978	996	rVB	254062	587375	54.30%	7.267%
5	8.137	1026	1036	1048	rBV	172570	388044	35.87%	4.801%
6	8.685	1118	1126	1138	rBV	395331	790659	73.09%	9.782%
7	10.179	1363	1371	1385	rBV	621213	1081757	100.00%	13.384%
8	10.581	1431	1437	1444	rBV2	8478	13872	1.28%	0.172%
9	11.490	1578	1586	1597	rBV	597101	986500	91.19%	12.205%
10	12.477	1741	1748	1756	rBV	451115	732682	67.73%	9.065%
11	12.806	1793	1802	1807	rBV9	10571	23127	2.14%	0.286%
12	13.422	1896	1903	1913	rBV	551287	867762	80.22%	10.736%
13	13.660	1937	1942	1946	rVV2	6887	12391	1.15%	0.153%
14	13.745	1951	1956	1961	rBV4	27385	45195	4.18%	0.559%
15	13.825	1966	1969	1976	rVB5	5125	11481	1.06%	0.142%
16	13.965	1987	1992	1997	rVB3	29451	53138	4.91%	0.657%
17	14.074	2004	2010	2015	rBV4	32589	55984	5.18%	0.693%
18	14.123	2015	2018	2026	rVB9	14845	28161	2.60%	0.348%
19	14.203	2026	2031	2036	rBV7	18672	41651	3.85%	0.515%
20	14.251	2036	2039	2042	rBV2	25931	40444	3.74%	0.500%
21	14.331	2050	2052	2055	rVB3	10440	12028	1.11%	0.149%
22	14.385	2056	2061	2064	rBV3	20394	40454	3.74%	0.501%
23	14.416	2064	2066	2070	rVV3	22432	30186	2.79%	0.373%
24	14.477	2070	2076	2080	rVB8	12464	27556	2.55%	0.341%
25	14.611	2094	2098	2103	rVB3	20603	30943	2.86%	0.383%
26	14.678	2103	2109	2114	rBV3	57228	125922	11.64%	1.558%
27	14.727	2114	2117	2123	rVB5	30900	55737	5.15%	0.690%
28	14.830	2130	2134	2138	rBV2	50758	85240	7.88%	1.055%
29	14.873	2138	2141	2147	rVB4	32334	44583	4.12%	0.552%
30	14.940	2147	2152	2155	rBV4	49513	82447	7.62%	1.020%
31	14.977	2155	2158	2161	rVV3	28419	49624	4.59%	0.614%
32	15.050	2165	2170	2179	rVB3	52866	132976	12.29%	1.645%
33	15.141	2180	2185	2190	rVB3	26224	45684	4.22%	0.565%
34	15.196	2190	2194	2199	rBV6	19006	40072	3.70%	0.496%
35	15.288	2204	2209	2215	rBV4	66771	153464	14.19%	1.899%
36	15.727	2276	2281	2286	rVB2	101362	169096	15.63%	2.092%

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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\82Y042423S.M
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37	16.031	2325	2331	2338	rBV2	109358	213385	19.73%	2.640%
38	16.227	2357	2363	2369	rBV	138460	295380	27.31%	3.655%
39	16.287	2370	2373	2386	rVB4	52102	159695	14.76%	1.976%

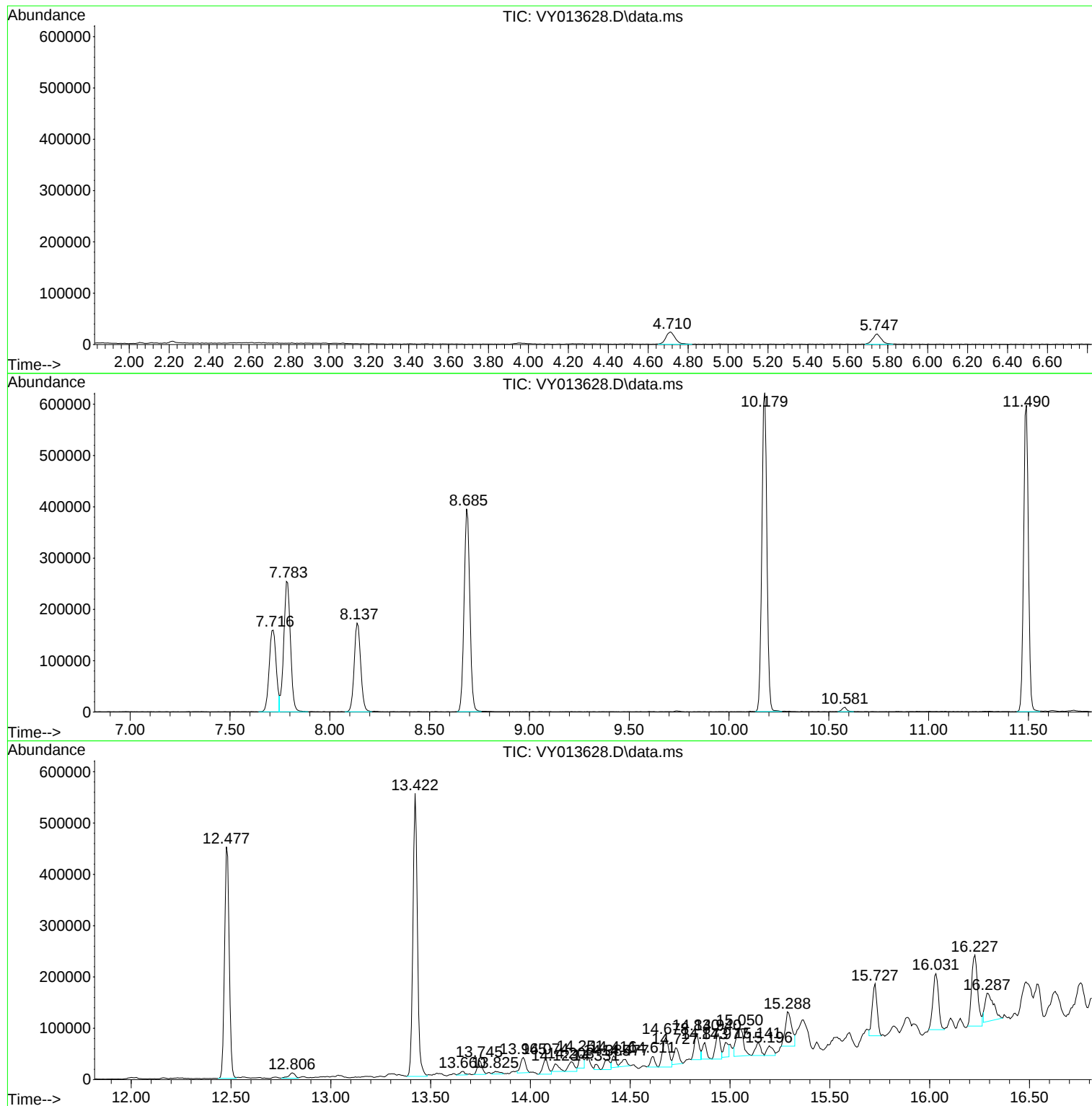
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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



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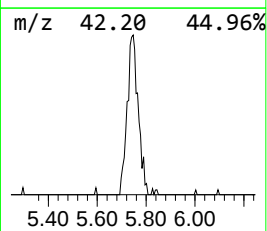
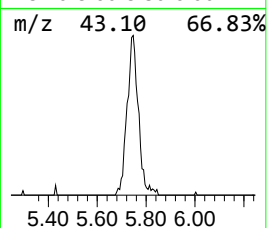
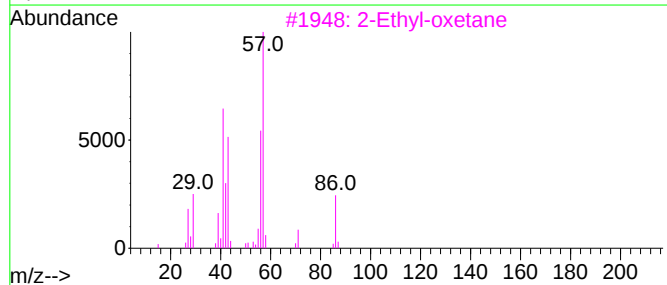
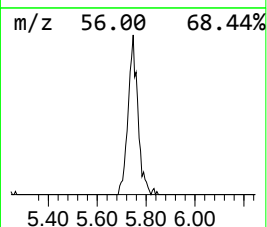
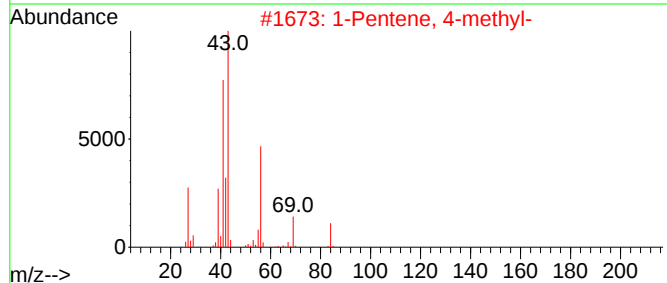
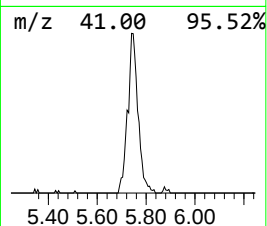
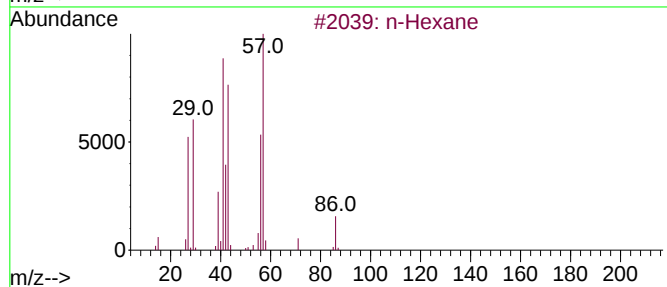
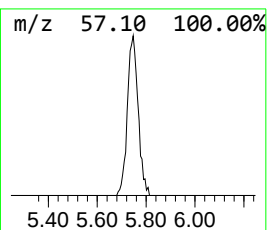
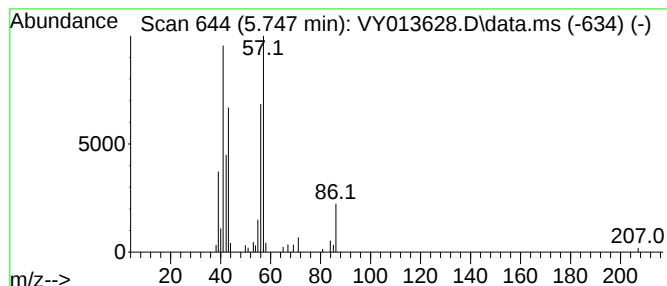
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 2 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.747	5.06 ug/l	59461	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	72
2			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	58
3			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53
4			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	39



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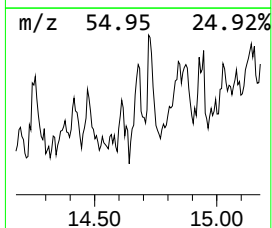
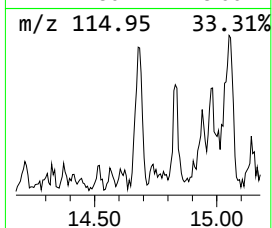
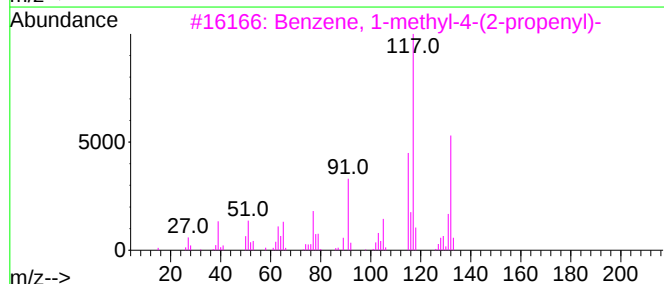
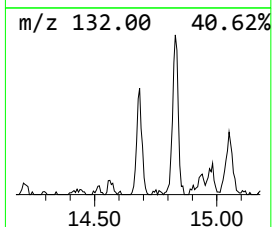
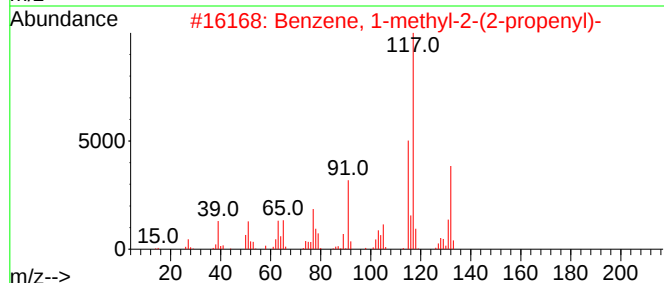
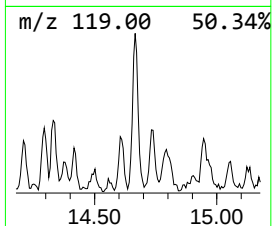
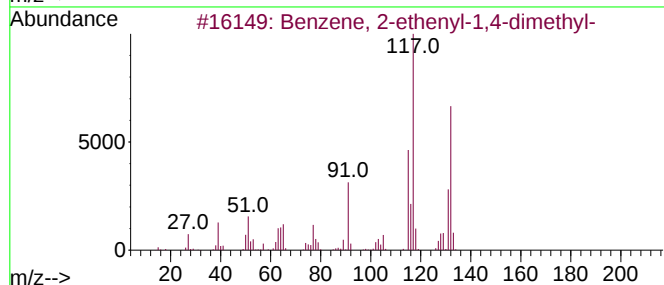
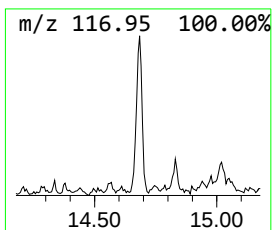
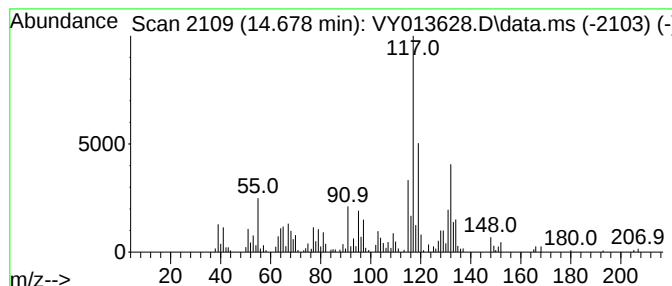
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Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	7.26 ug/l	125922	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58



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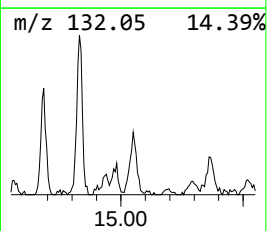
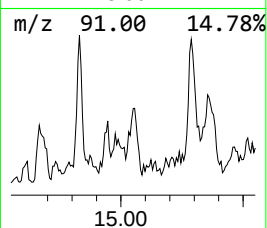
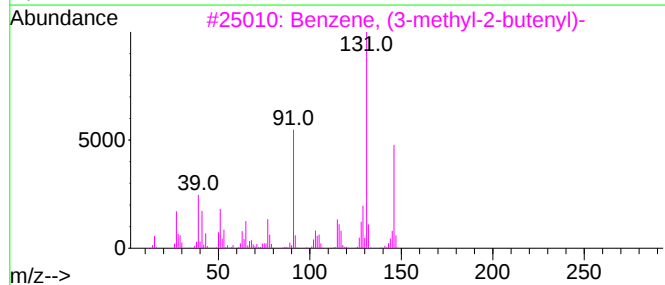
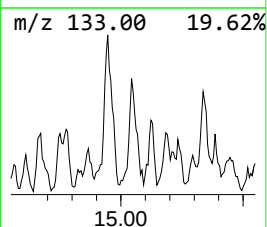
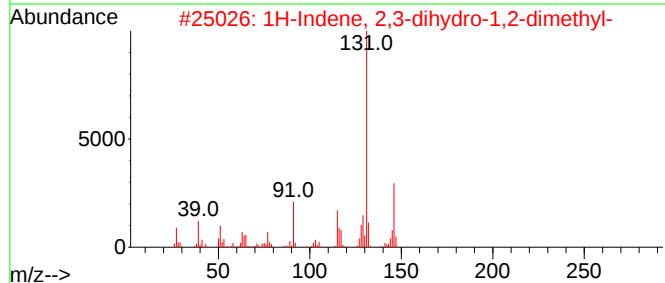
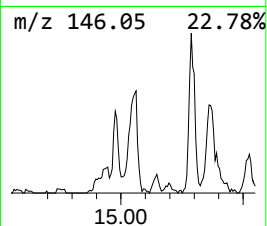
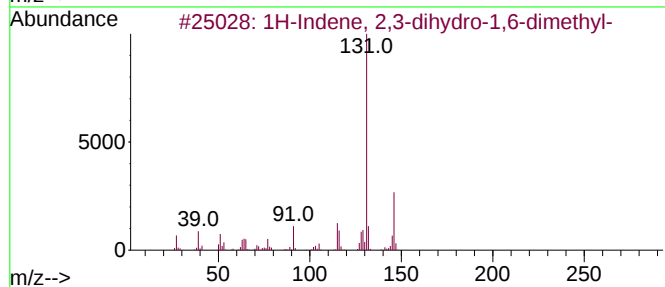
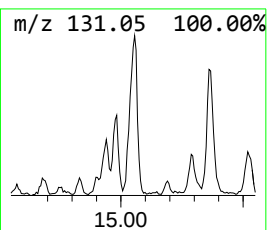
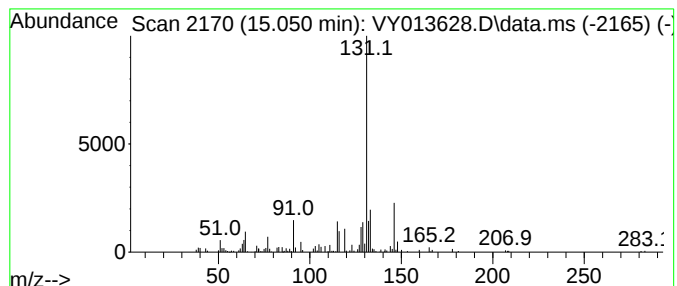
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	7.66 ug/l	132976	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81		
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81		
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81		
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81		
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81		



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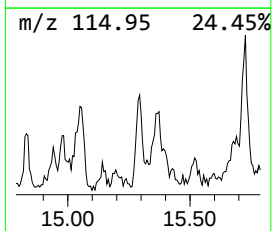
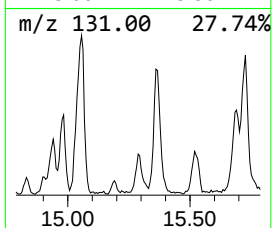
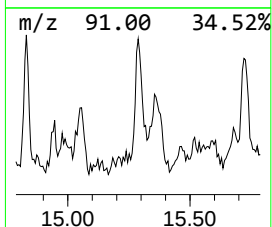
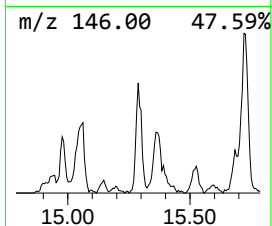
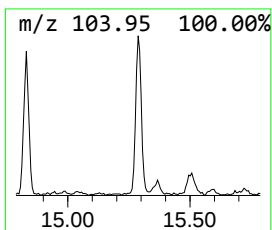
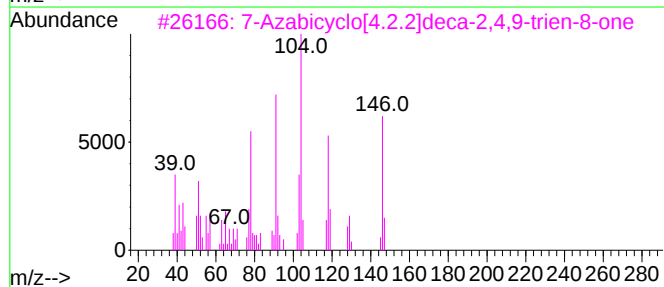
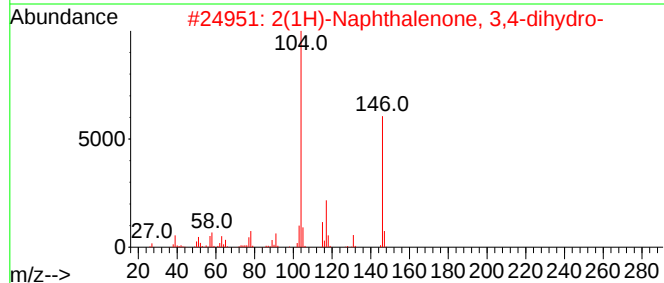
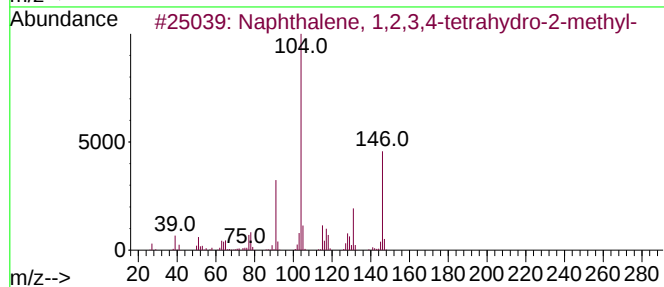
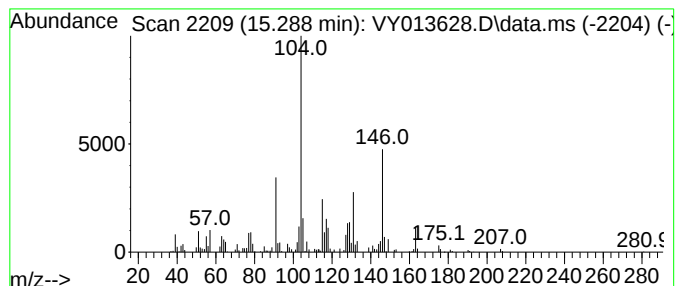
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Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	8.84 ug/l	153464	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
3			7-Azabicyclo[4.2.2]deca-2,4,9-tri...	147	C9H9NO	017198-06-0	50
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43
5			3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38



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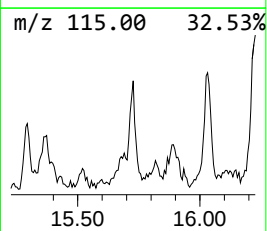
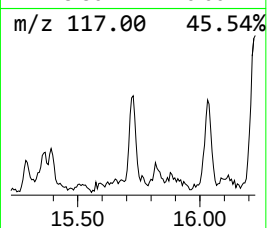
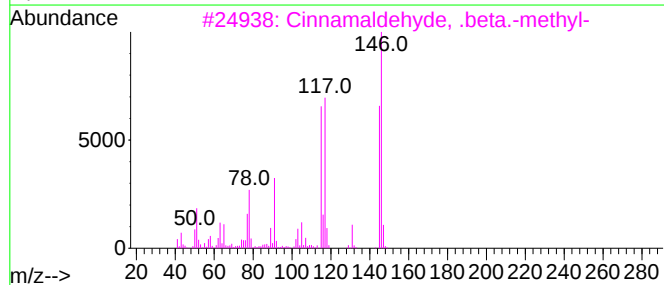
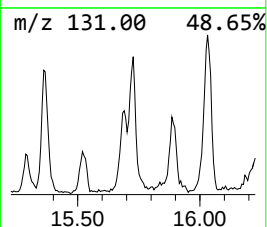
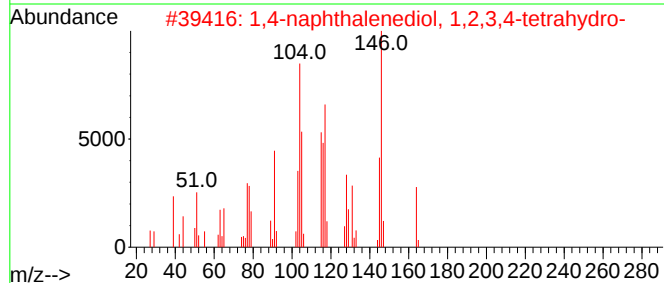
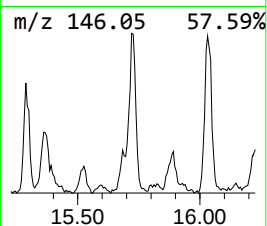
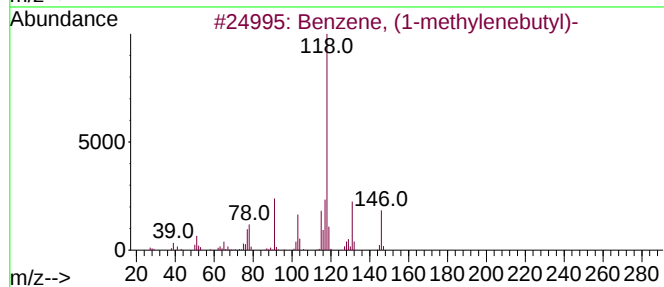
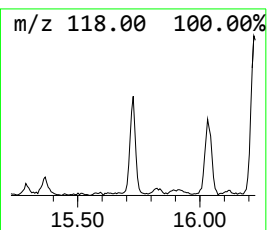
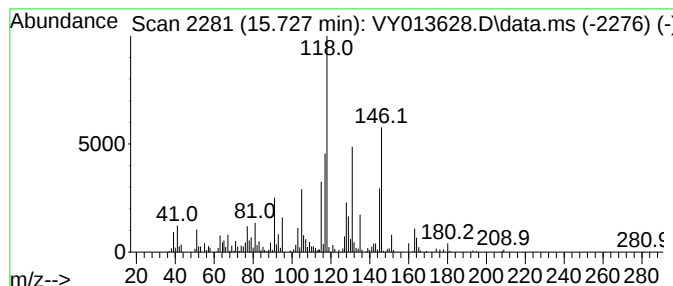
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methylenebutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	9.74 ug/l	169096	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	58
2			1,4-naphthalenediol, 1,2,3,4-tet...	164	C10H12O2	1000404-47-1	49
3			Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	38
4			Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	27
5			Diglycolic acid, butyl 3-phenylp...	308	C17H24O5	1000382-17-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013628.D
Acq On : 05 May 2023 16:18
Operator : KP/MD
Sample : 02603-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

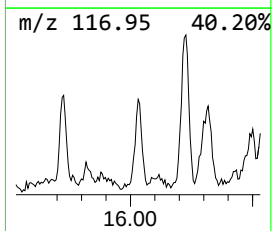
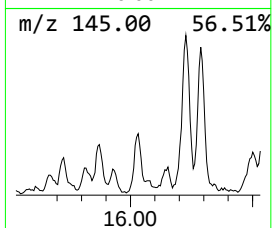
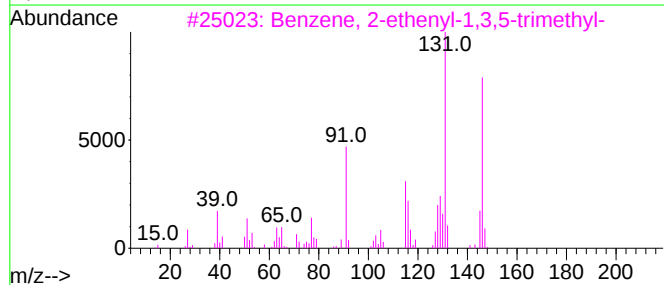
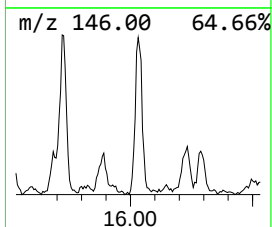
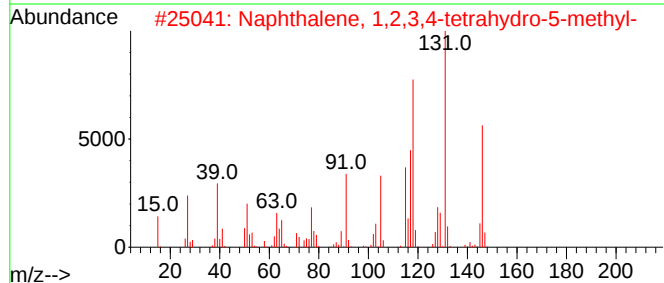
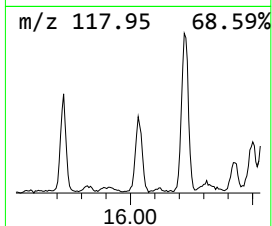
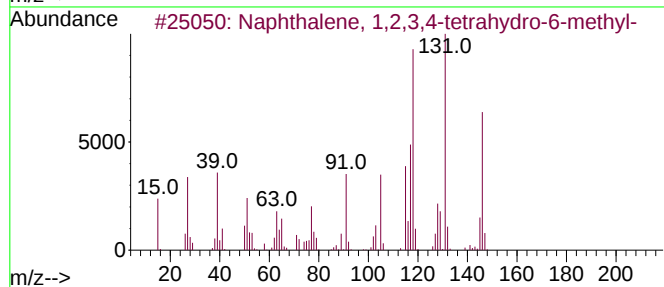
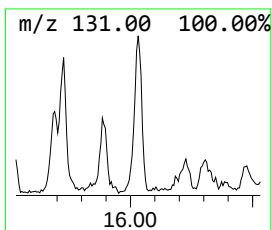
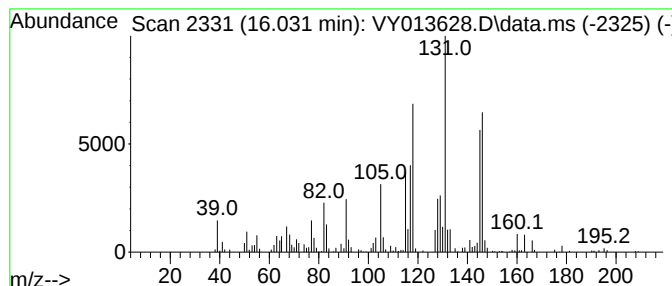
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	12.30 ug/l	213385	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013628.D
Acq On : 05 May 2023 16:18
Operator : KP/MD
Sample : 02603-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

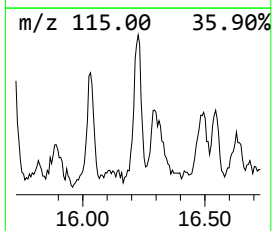
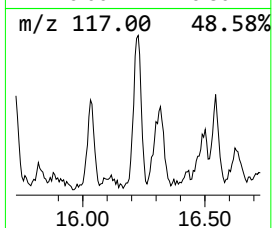
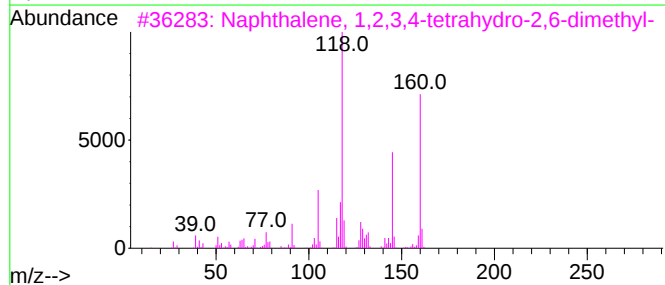
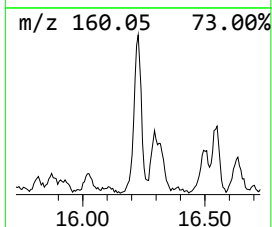
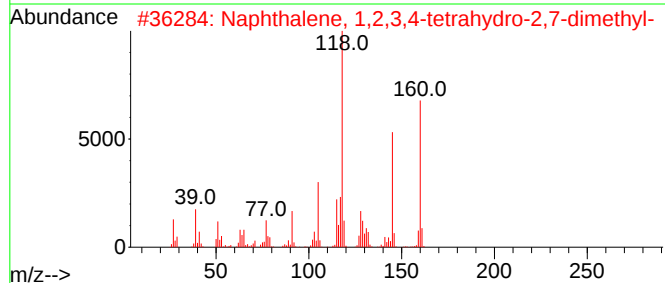
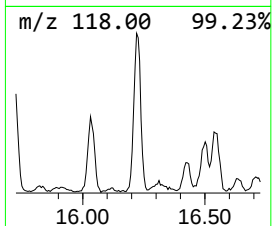
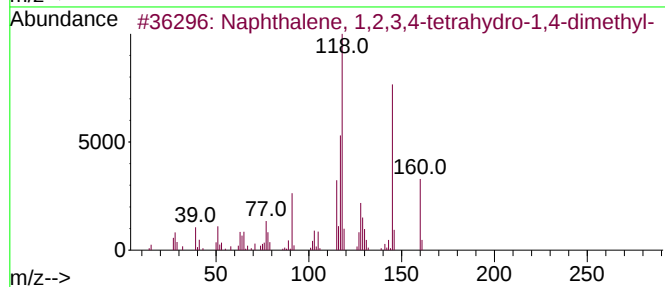
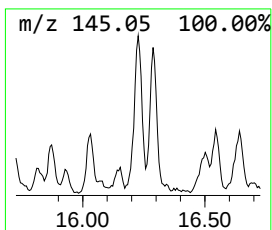
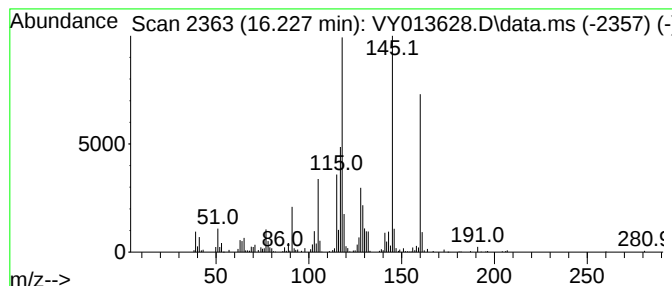
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	17.02 ug/l	295380	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
5			Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013628.D
Acq On : 05 May 2023 16:18
Operator : KP/MD
Sample : 02603-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

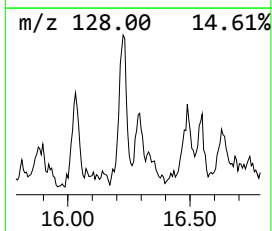
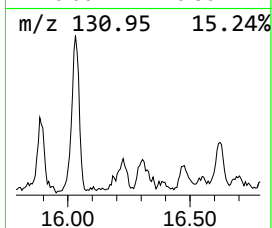
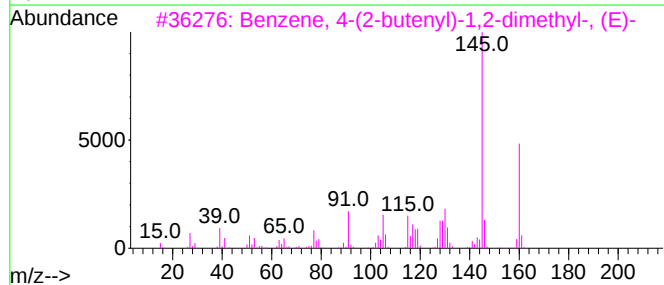
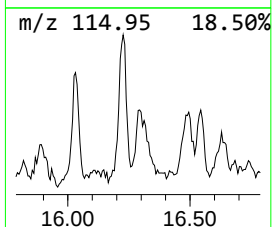
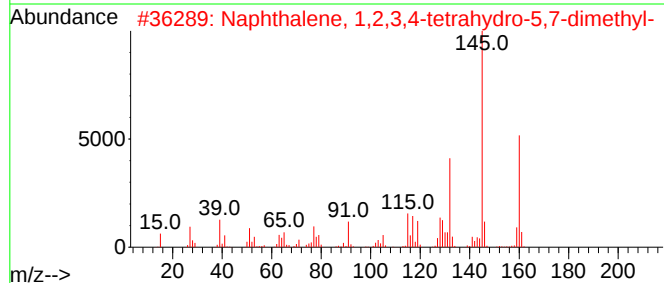
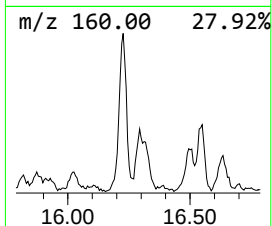
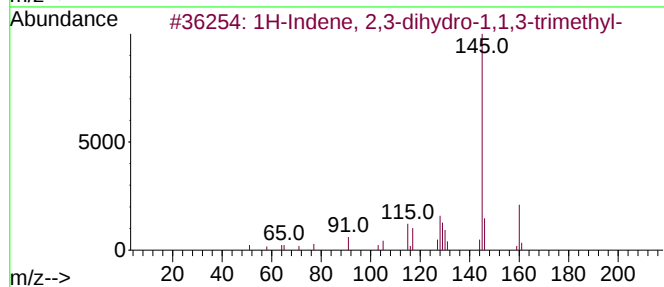
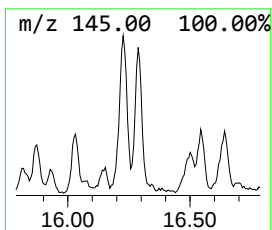
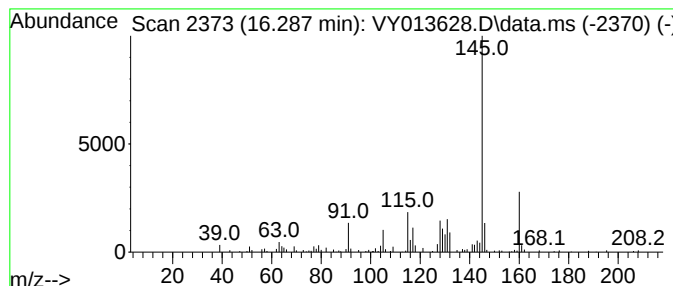
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	9.20 ug/l	159695	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	90
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013628.D
Acq On : 05 May 2023 16:18
Operator : KP/MD
Sample : 02603-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.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
n-Hexane	5.747	5.1	ug/l	59461	1	7.789	587375	50.0
Benzene, 2-ethe...	14.678	7.3	ug/l	125922	4	13.422	867762	50.0
1H-Indene, 2,3-...	15.050	7.7	ug/l	132976	4	13.422	867762	50.0
Naphthalene, 1,...	15.288	8.8	ug/l	153464	4	13.422	867762	50.0
Benzene, (1-met...	15.727	9.7	ug/l	169096	4	13.422	867762	50.0
Naphthalene, 1,...	16.031	12.3	ug/l	213385	4	13.422	867762	50.0
Naphthalene, 1,...	16.227	17.0	ug/l	295380	4	13.422	867762	50.0
1H-Indene, 2,3-...	16.288	9.2	ug/l	159695	4	13.422	867762	50.0