

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018081.D
 Acq On : 29 Apr 2024 20:17
 Operator : SY/MD
 Sample : P2309-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042924

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\82Y041624S.M
 Title : SW846 8260

Signal : TIC: VY018081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	11	rVB2	5597	7887	1.35%	0.133%
2	4.710	463	474	486	rBV2	12696	38552	6.61%	0.649%
3	5.747	634	644	652	rBV6	5662	16579	2.84%	0.279%
4	6.966	834	844	854	rBV2	5369	18892	3.24%	0.318%
5	7.716	955	967	972	rBV	95569	227888	39.10%	3.838%
6	7.783	972	978	991	rVB	149394	345855	59.34%	5.825%
7	8.136	1026	1036	1047	rBV	74558	168520	28.91%	2.838%
8	8.685	1118	1126	1140	rBV	219391	444609	76.28%	7.488%
9	10.179	1364	1371	1380	rBV	345494	582868	100.00%	9.817%
10	11.489	1579	1586	1599	rBV	302560	499709	85.73%	8.416%
11	11.709	1613	1622	1630	rBV6	7731	18064	3.10%	0.304%
12	12.032	1663	1675	1682	rBV5	7109	19725	3.38%	0.332%
13	12.245	1705	1710	1720	rVB7	5298	11976	2.05%	0.202%
14	12.483	1743	1749	1755	rBV	198565	310278	53.23%	5.226%
15	12.733	1783	1790	1793	rBV	25204	42496	7.29%	0.716%
16	12.770	1793	1796	1797	rVV	13521	17845	3.06%	0.301%
17	12.806	1797	1802	1808	rVV2	70817	124439	21.35%	2.096%
18	12.855	1808	1810	1817	rVB4	8584	14032	2.41%	0.236%
19	12.971	1822	1829	1834	rBV	20472	45909	7.88%	0.773%
20	13.038	1836	1840	1846	rVB3	24600	38230	6.56%	0.644%
21	13.117	1847	1853	1858	rBV	49919	85545	14.68%	1.441%
22	13.166	1858	1861	1867	rVB7	5132	7898	1.36%	0.133%
23	13.227	1867	1871	1872	rBV3	4805	6488	1.11%	0.109%
24	13.245	1872	1874	1879	rVB2	11187	15298	2.62%	0.258%
25	13.318	1879	1886	1890	rBV4	30579	63554	10.90%	1.070%
26	13.361	1890	1893	1897	rBV3	15070	20769	3.56%	0.350%
27	13.422	1897	1903	1913	rVB2	268637	485815	83.35%	8.182%
28	13.501	1913	1916	1920	rVB2	15832	19142	3.28%	0.322%
29	13.623	1928	1936	1940	rBV2	51150	86634	14.86%	1.459%
30	13.666	1940	1943	1951	rVB3	40044	73189	12.56%	1.233%
31	13.751	1951	1957	1961	rBV	117543	172632	29.62%	2.908%
32	13.794	1961	1964	1966	rBV3	5945	7660	1.31%	0.129%
33	13.824	1966	1969	1973	rVB	15831	21123	3.62%	0.356%
34	13.885	1975	1979	1980	rBV	18667	19714	3.38%	0.332%
35	13.916	1980	1984	1988	rVB3	32895	49408	8.48%	0.832%
36	13.971	1988	1993	1997	rVB	51236	77231	13.25%	1.301%

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Max Peaks: 100

Peak Location: TOP

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37	14.013	1997	2000	2006	rVB7	15986	30915	5.30%	0.521%
38	14.080	2006	2011	2016	rVB	63372	97935	16.80%	1.649%
39	14.147	2016	2022	2026	rBV6	16034	40423	6.94%	0.681%
40	14.215	2027	2033	2035	rBV4	14296	29350	5.04%	0.494%
41	14.257	2035	2040	2044	rBV6	31194	58113	9.97%	0.979%
42	14.336	2049	2053	2056	rVV	40057	62777	10.77%	1.057%
43	14.379	2056	2060	2063	rVV2	33158	45608	7.82%	0.768%
44	14.422	2063	2067	2071	rVV2	32453	47369	8.13%	0.798%
45	14.477	2073	2076	2079	rVV4	12916	20630	3.54%	0.347%
46	14.519	2079	2083	2086	rVV2	18647	29378	5.04%	0.495%
47	14.562	2086	2090	2094	rVV	39377	66946	11.49%	1.128%
48	14.611	2094	2098	2103	rVV2	58885	86207	14.79%	1.452%
49	14.684	2103	2110	2115	rVV3	103251	215772	37.02%	3.634%
50	14.733	2115	2118	2124	rVB4	36760	63322	10.86%	1.067%
51	14.836	2129	2135	2143	rVV	75238	137671	23.62%	2.319%
52	14.903	2143	2146	2147	rVV3	9548	10416	1.79%	0.175%
53	14.940	2148	2152	2156	rVV5	34857	66659	11.44%	1.123%
54	14.977	2156	2158	2164	rVV3	17574	29428	5.05%	0.496%
55	15.056	2164	2171	2178	rVB3	32697	74409	12.77%	1.253%
56	15.208	2190	2196	2200	rBV8	16683	34139	5.86%	0.575%
57	15.294	2205	2210	2215	rBV3	29136	57693	9.90%	0.972%
58	15.348	2215	2219	2220	rBV4	9602	12391	2.13%	0.209%
59	15.434	2230	2233	2241	rVB8	12832	27343	4.69%	0.461%
60	15.525	2241	2248	2255	rVV3	21741	50268	8.62%	0.847%
61	15.598	2257	2260	2266	rVV6	8648	16439	2.82%	0.277%
62	15.684	2266	2274	2275	rVV7	15327	28124	4.83%	0.474%
63	15.726	2277	2281	2289	rVV2	49244	95237	16.34%	1.604%
64	15.824	2293	2297	2302	rVV8	7543	19259	3.30%	0.324%
65	15.885	2302	2307	2313	rVV4	12241	30121	5.17%	0.507%
66	15.934	2313	2315	2321	rVB7	6871	9963	1.71%	0.168%
67	16.031	2324	2331	2341	rBV2	27327	58700	10.07%	0.989%
68	16.226	2357	2363	2369	rVV3	17472	37120	6.37%	0.625%
69	16.293	2369	2374	2379	rBV6	8145	14317	2.46%	0.241%
70	16.482	2399	2405	2407	rBV7	6626	13008	2.23%	0.219%
71	16.629	2424	2429	2437	rVB10	4913	13435	2.30%	0.226%

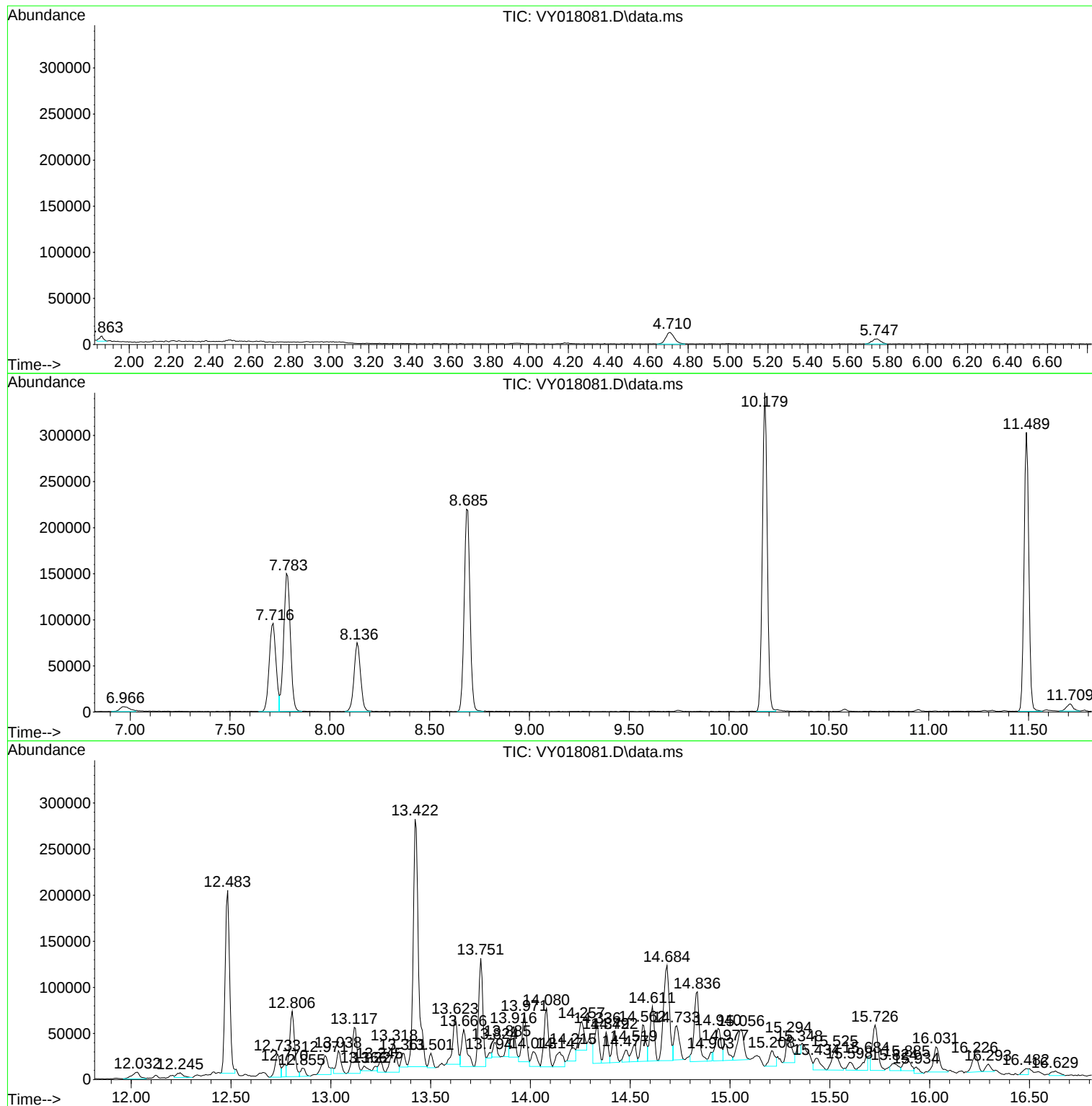
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
TR-05-042924

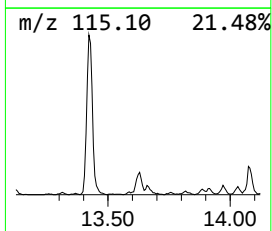
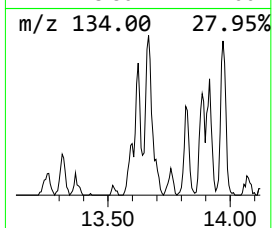
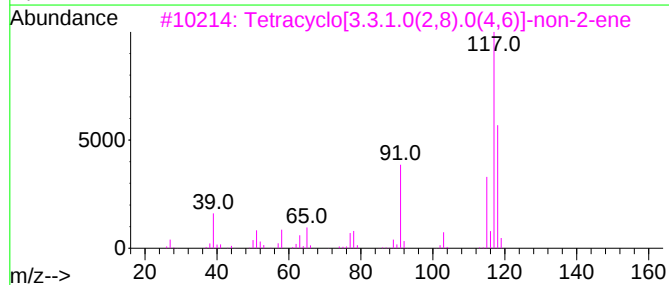
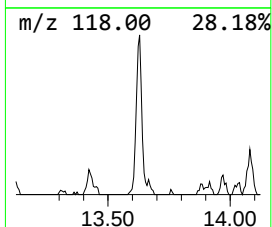
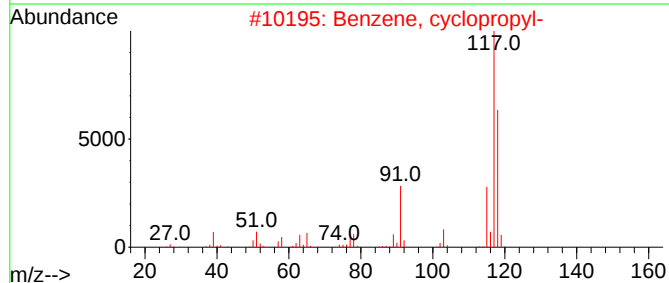
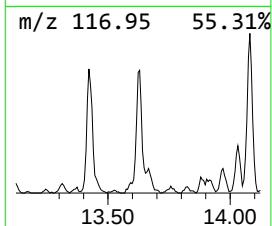
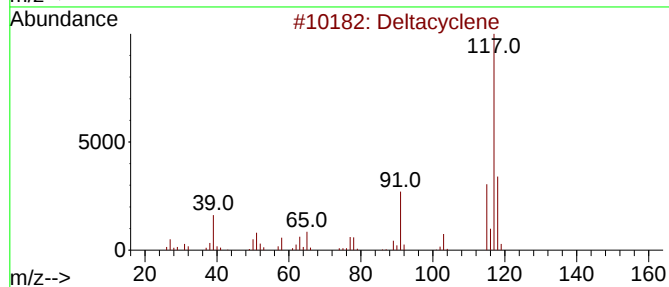
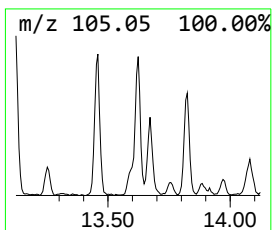
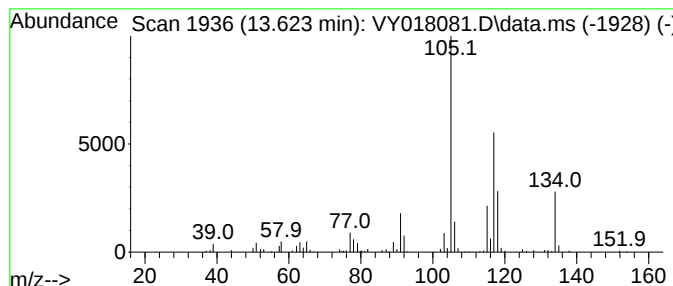
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.623 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	8.92 ug/l	86634	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Deltacyclene	118	C9H10	007785-10-6	50
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	43
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	41
5			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	38



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TR-05-042924

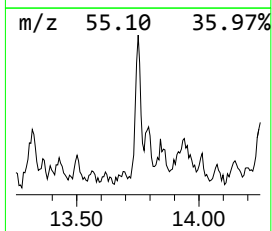
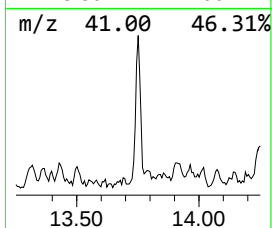
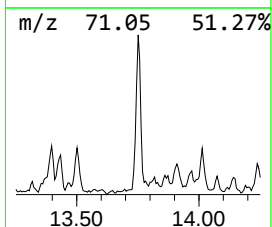
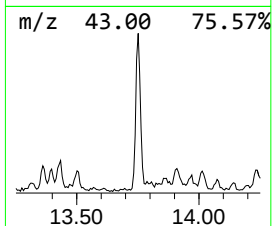
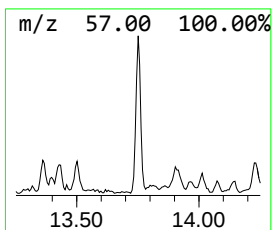
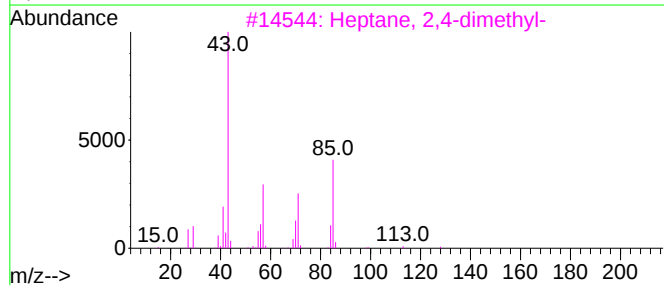
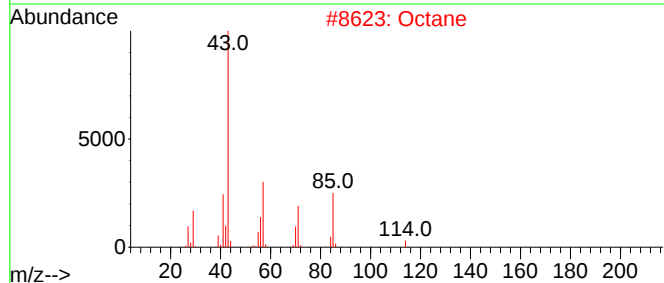
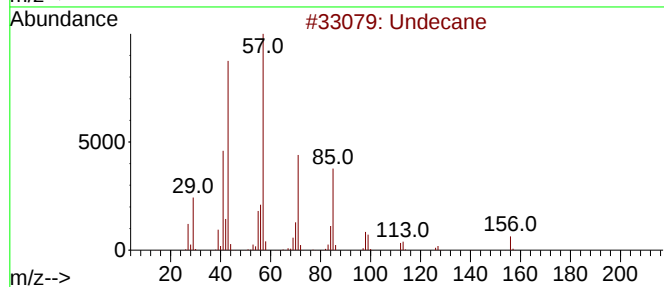
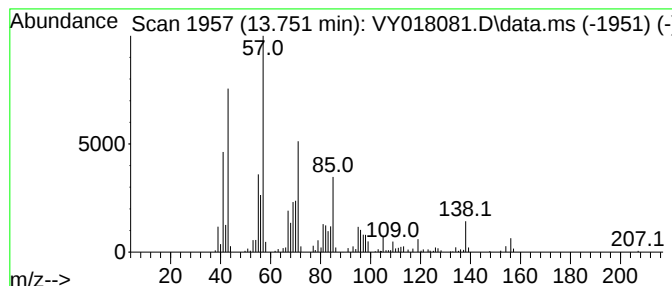
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	17.77 ug/l	172632	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	60
2	Octane			114	C8H18	000111-65-9	49
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	49
4	Nonane			128	C9H20	000111-84-2	46
5	Tetradecane			198	C14H30	000629-59-4	43



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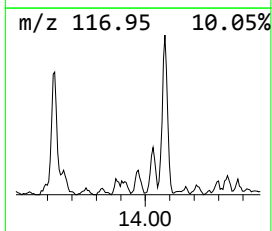
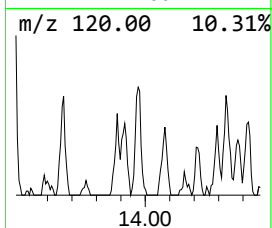
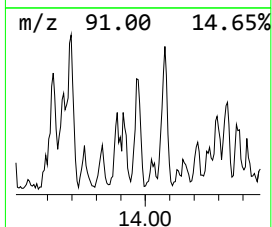
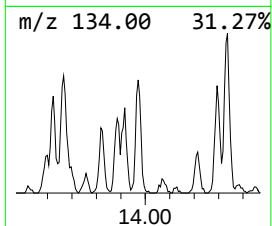
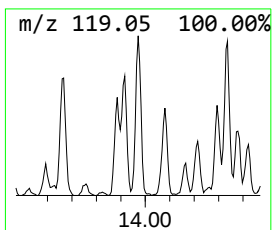
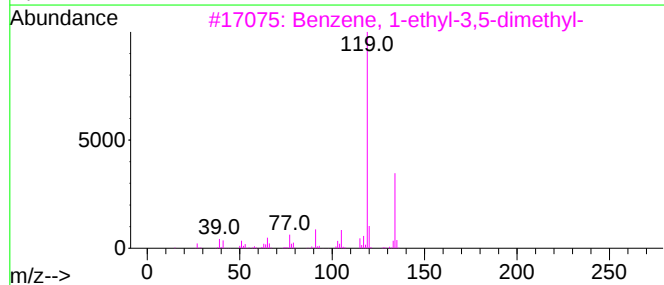
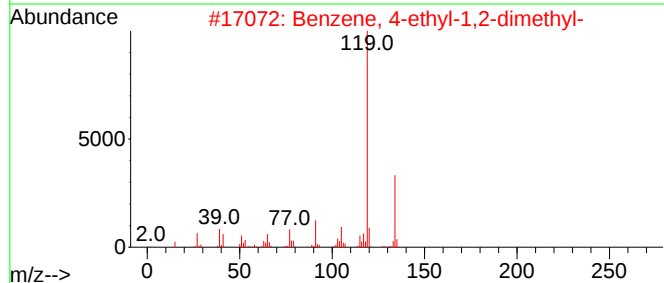
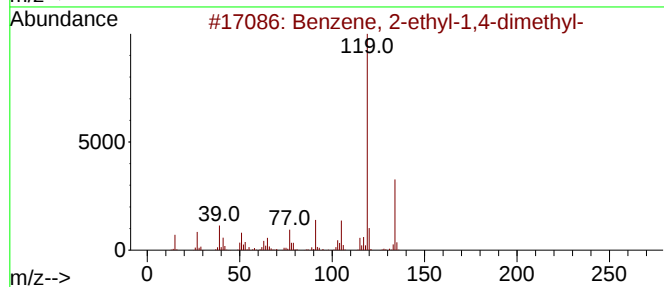
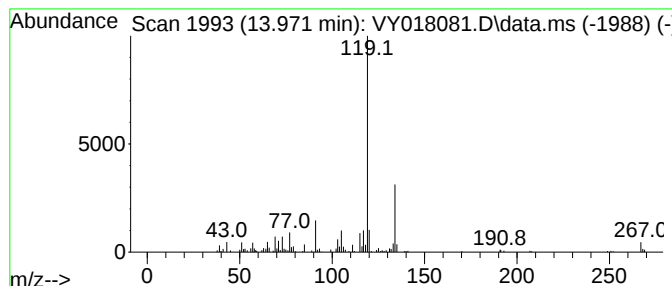
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	7.95 ug/l	77231	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



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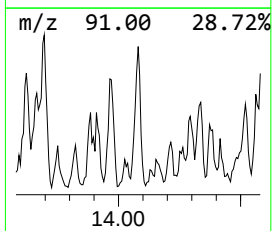
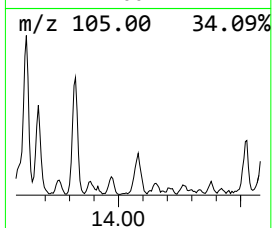
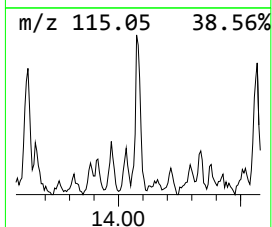
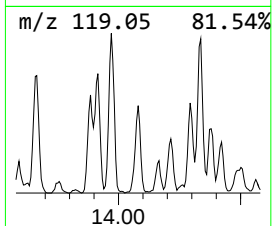
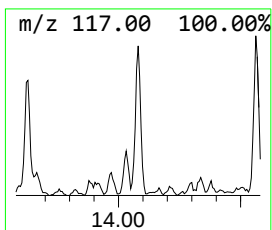
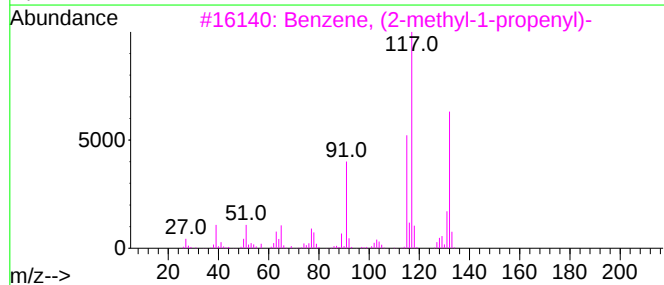
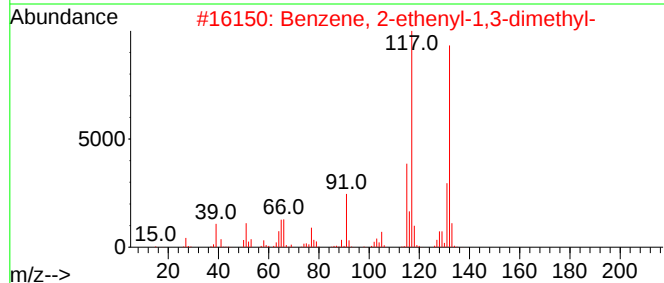
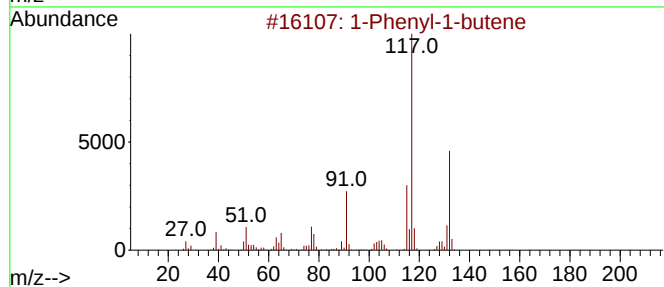
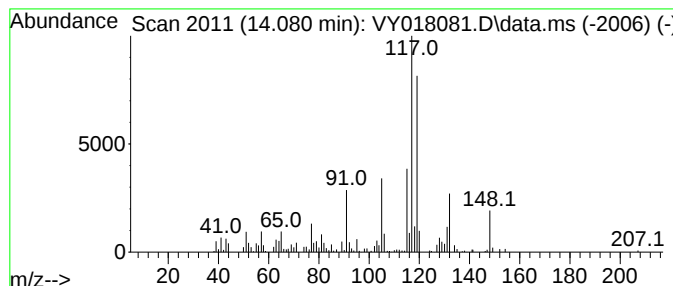
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	10.08 ug/l	97935	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	55
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
4			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

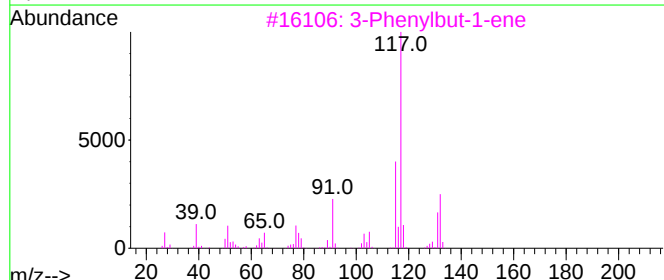
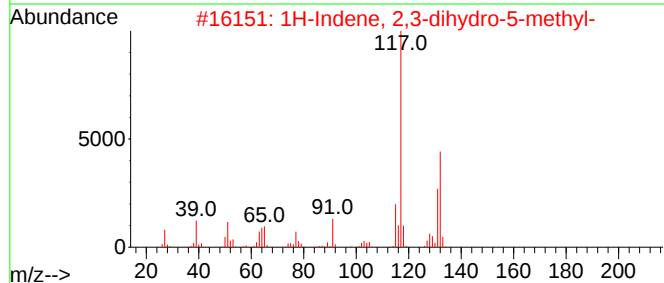
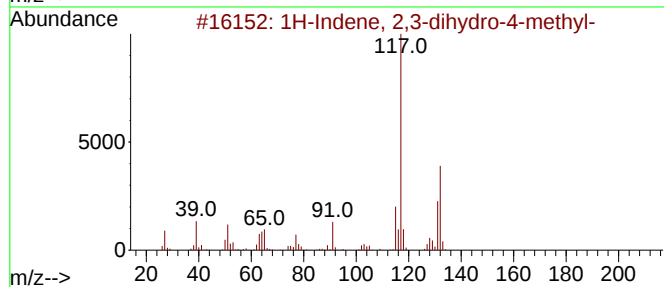
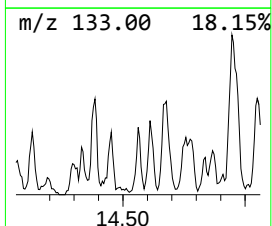
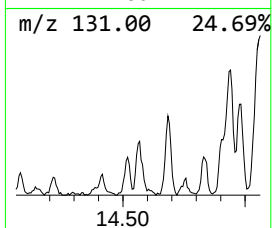
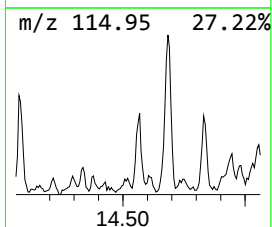
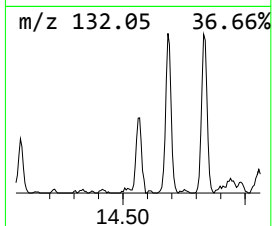
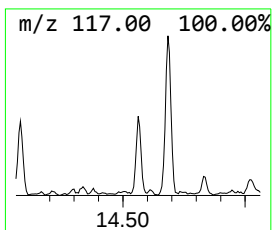
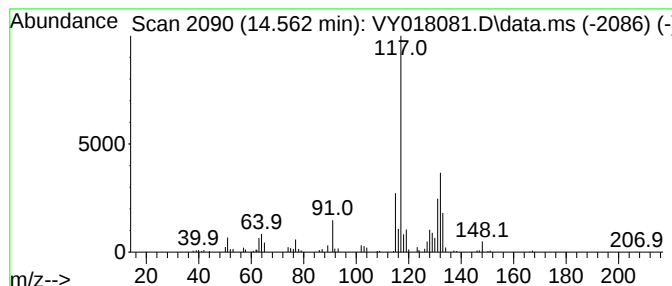
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	6.89 ug/l	66946	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

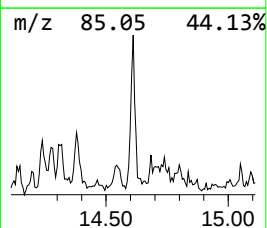
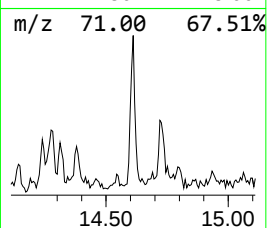
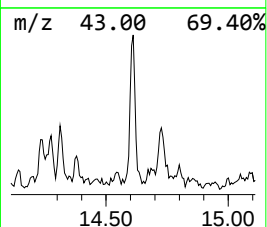
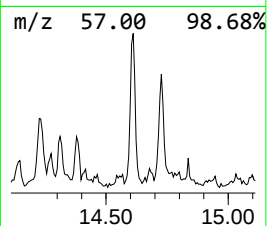
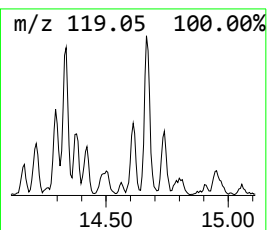
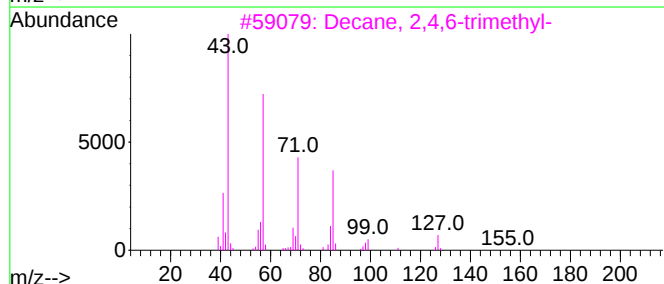
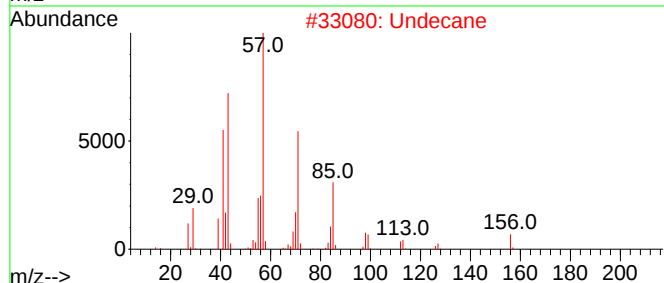
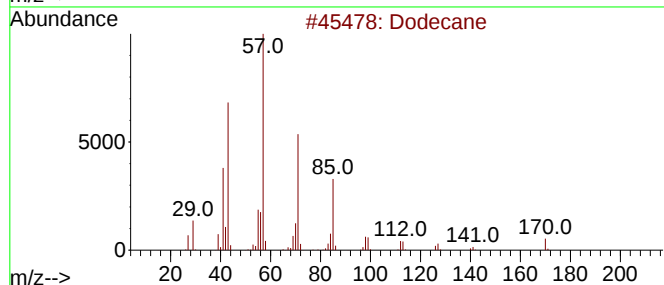
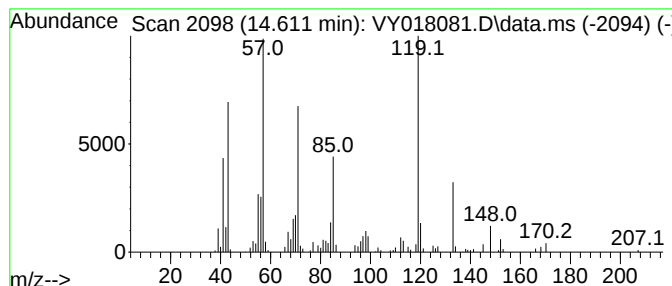
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.611 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	8.87 ug/l	86207	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	45
2			Undecane	156	C11H24	001120-21-4	38
3			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	38
4			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

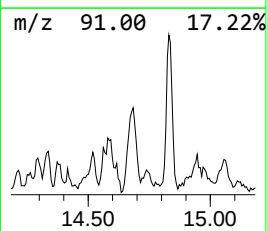
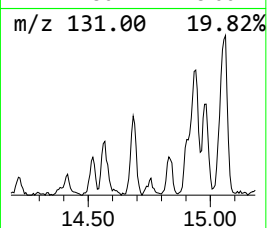
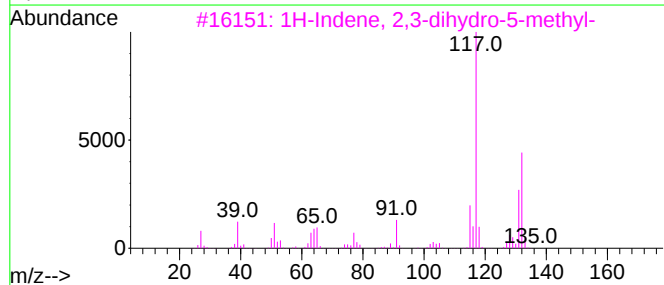
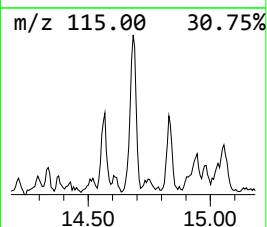
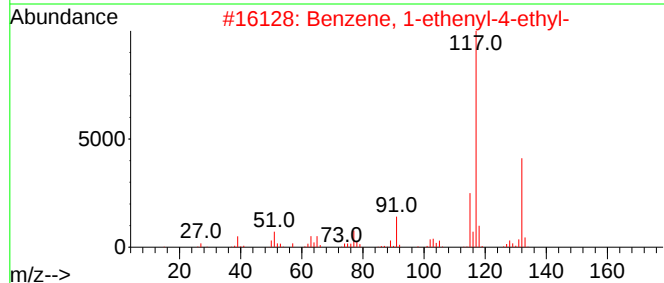
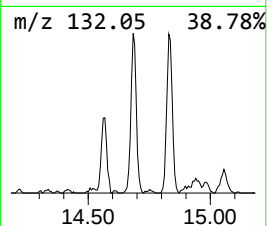
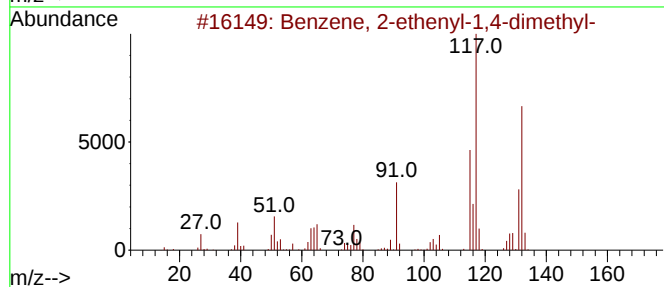
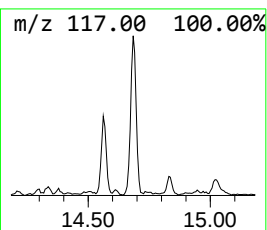
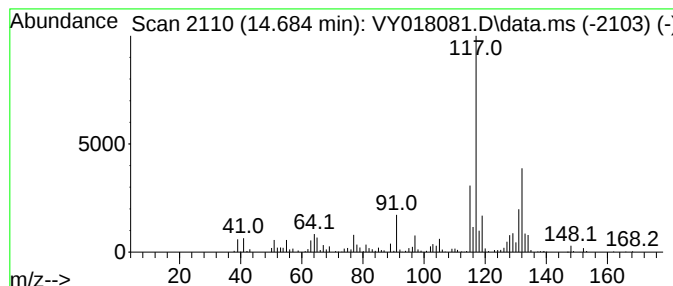
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	22.21 ug/l	215772	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	96
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

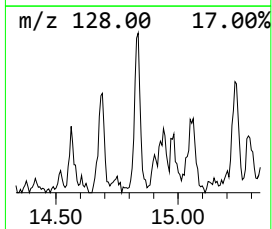
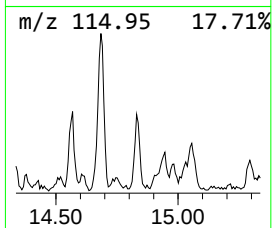
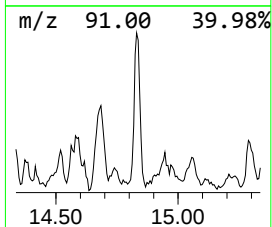
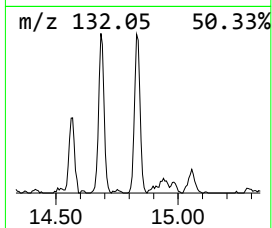
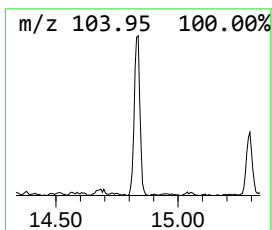
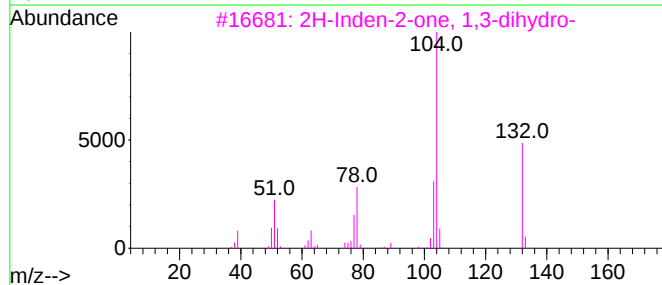
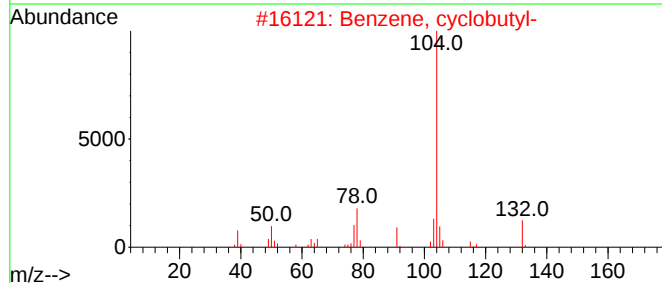
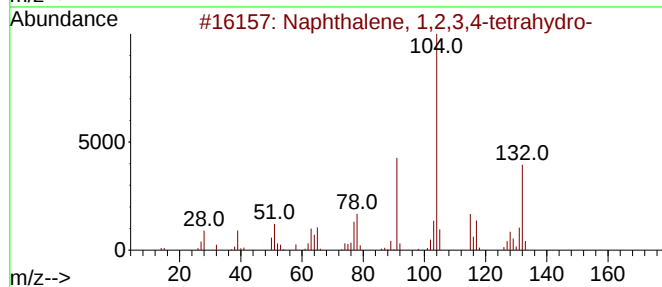
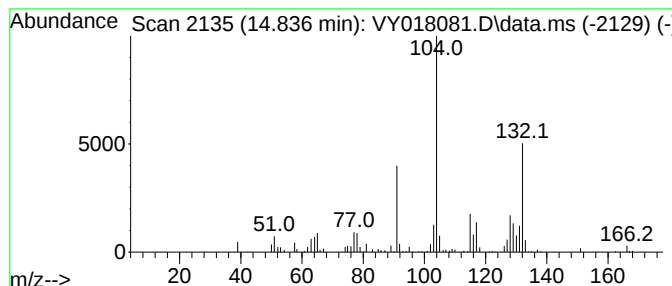
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	14.17 ug/l	137671	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4			Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	38
5			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

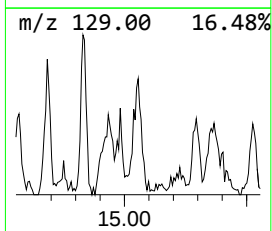
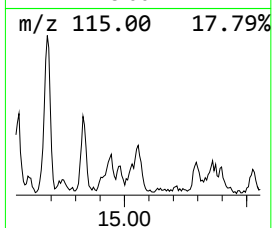
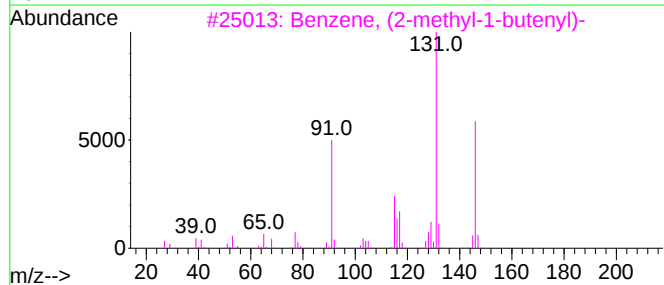
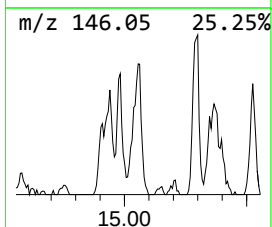
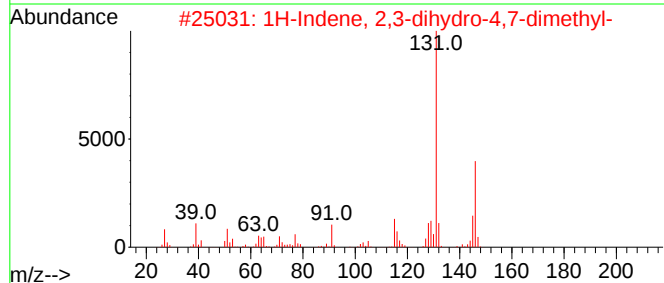
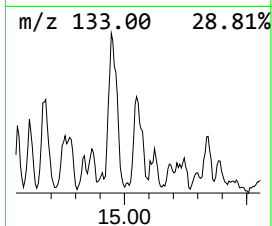
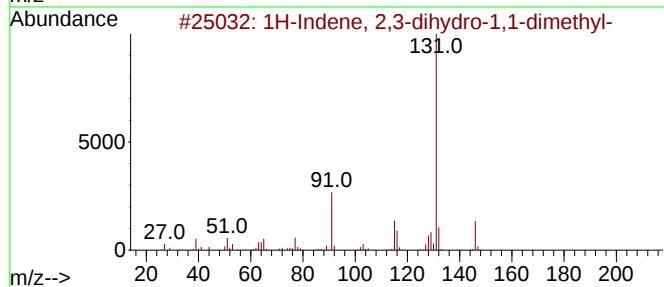
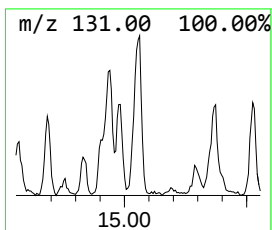
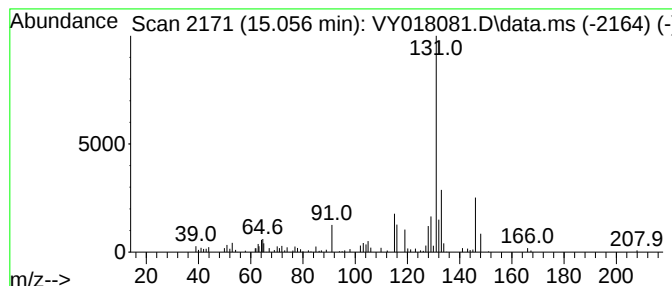
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	7.66 ug/l	74409	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	68
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

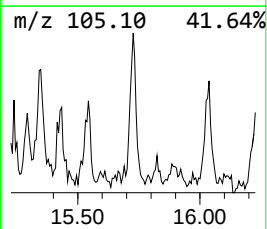
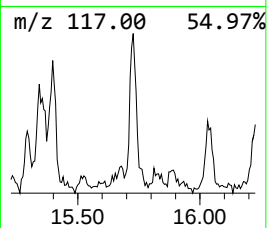
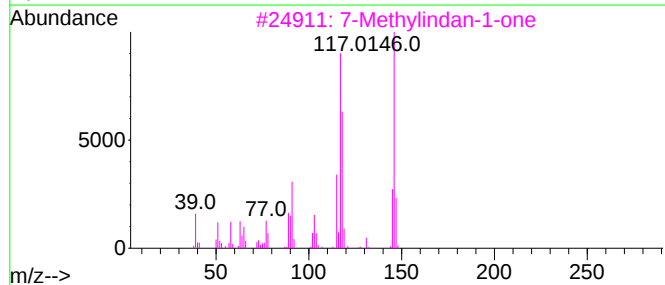
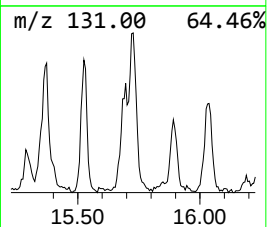
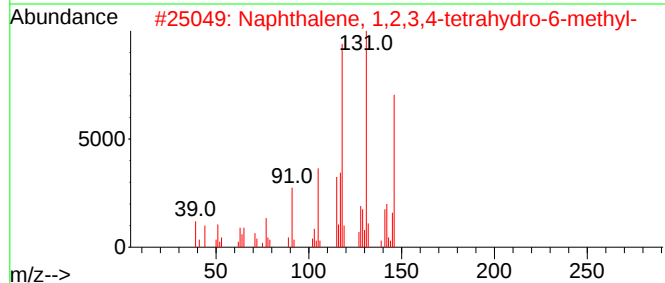
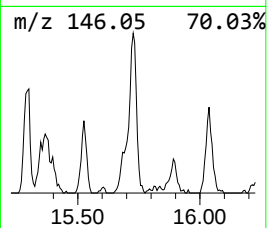
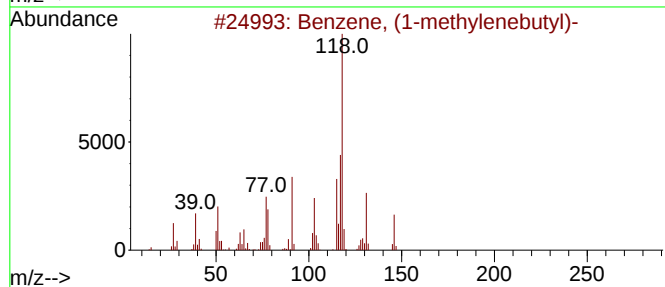
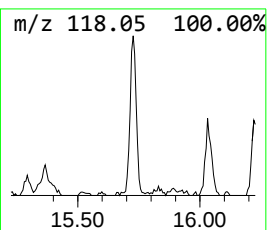
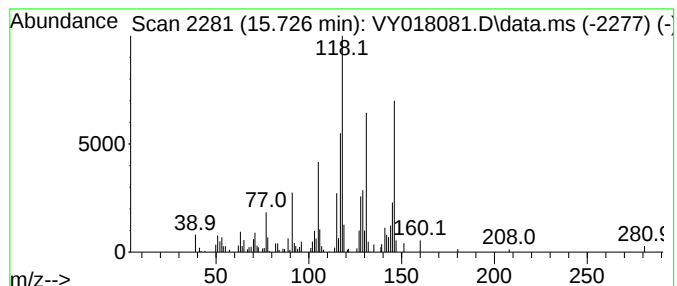
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, (1-methylenebutyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	9.80 ug/l	95237	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3			7-Methylindan-1-one	146	C10H10O	039627-61-7	50
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49
5			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018081.D
Acq On : 29 Apr 2024 20:17
Operator : SY/MD
Sample : P2309-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.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
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Undecane	13.751	17.8	ug/l	172632	4	13.422	485815	50.0
Benzene, 2-ethy...	13.971	8.0	ug/l	77231	4	13.422	485815	50.0
1-Phenyl-1-butene	14.080	10.1	ug/l	97935	4	13.422	485815	50.0
1H-Indene, 2,3-...	14.562	6.9	ug/l	66946	4	13.422	485815	50.0
unknown14.611	14.611	8.9	ug/l	86207	4	13.422	485815	50.0
Benzene, 2-ethe...	14.684	22.2	ug/l	215772	4	13.422	485815	50.0
Naphthalene, 1,...	14.836	14.2	ug/l	137671	4	13.422	485815	50.0
1H-Indene, 2,3-...	15.056	7.7	ug/l	74409	4	13.422	485815	50.0
Benzene, (1-met...	15.726	9.8	ug/l	95237	4	13.422	485815	50.0