

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018880.D
 Acq On : 19 Jul 2024 14:28
 Operator : SY/MD
 Sample : P3294-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-071724

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\82Y070924S.M
 Title : SW846 8260

Signal : TIC: VY018880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.692	464	471	486	rVB4	3614	10638	3.05%	0.189%
2	7.710	956	966	971	rBV2	53764	124548	35.73%	2.214%
3	7.783	971	978	990	rVB	86366	198461	56.93%	3.527%
4	8.130	1024	1035	1045	rBV	44991	97341	27.92%	1.730%
5	8.685	1118	1126	1138	rBV	133364	266260	76.38%	4.732%
6	10.173	1363	1370	1378	rBV	202330	348608	100.00%	6.196%
7	10.575	1430	1436	1441	rBV	2907	4881	1.40%	0.087%
8	10.947	1492	1497	1503	rBV5	3419	6485	1.86%	0.115%
9	11.484	1579	1585	1595	rBV	195454	323297	92.74%	5.746%
10	12.227	1704	1707	1718	rVB8	2173	4896	1.40%	0.087%
11	12.331	1718	1724	1731	rBV2	18388	30417	8.73%	0.541%
12	12.477	1742	1748	1759	rVB	158368	246450	70.70%	4.380%
13	12.581	1759	1765	1771	rVB4	16664	28629	8.21%	0.509%
14	12.733	1783	1790	1792	rBV6	1968	4213	1.21%	0.075%
15	12.800	1792	1801	1807	rVV4	22924	44286	12.70%	0.787%
16	12.892	1812	1816	1822	rVB3	14250	23240	6.67%	0.413%
17	13.038	1836	1840	1846	rVB3	9390	14667	4.21%	0.261%
18	13.142	1846	1857	1866	rBV	73809	120729	34.63%	2.146%
19	13.252	1866	1875	1878	rVB7	5626	11763	3.37%	0.209%
20	13.312	1878	1885	1888	rBV6	15163	34657	9.94%	0.616%
21	13.422	1896	1903	1912	rVB	197176	325707	93.43%	5.789%
22	13.501	1912	1916	1920	rVB4	7436	10217	2.93%	0.182%
23	13.550	1920	1924	1927	rBV6	3280	6197	1.78%	0.110%
24	13.593	1927	1931	1932	rBV4	4444	5721	1.64%	0.102%
25	13.617	1932	1935	1939	rVB	16845	20457	5.87%	0.364%
26	13.666	1939	1943	1951	rVB3	24556	46342	13.29%	0.824%
27	13.751	1951	1957	1961	rBV2	70957	108352	31.08%	1.926%
28	13.818	1965	1968	1976	rVB	10257	15082	4.33%	0.268%
29	13.916	1979	1984	1987	rBV3	12492	17702	5.08%	0.315%
30	13.965	1988	1992	1997	rVB2	39367	56898	16.32%	1.011%
31	14.014	1997	2000	2005	rVB4	8653	13547	3.89%	0.241%
32	14.075	2005	2010	2015	rBV	46764	74340	21.32%	1.321%
33	14.142	2015	2021	2027	rBV6	11424	31585	9.06%	0.561%
34	14.215	2027	2033	2035	rBV4	16132	32325	9.27%	0.575%
35	14.251	2035	2039	2043	rBV6	21811	40197	11.53%	0.714%
36	14.331	2050	2052	2056	rVB	28157	34080	9.78%	0.606%

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Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	14.379	2056	2060	2063	rBV2	39299	55311	15.87%	0.983%
38	14.416	2063	2066	2072	rVB4	34312	48894	14.03%	0.869%
39	14.477	2072	2076	2079	rBV5	12797	19952	5.72%	0.355%
40	14.520	2079	2083	2087	rVB	26596	39010	11.19%	0.693%
41	14.562	2087	2090	2092	rBV3	17499	25242	7.24%	0.449%
42	14.611	2093	2098	2102	rVB	91102	135437	38.85%	2.407%
43	14.678	2102	2109	2114	rBV4	98257	231526	66.41%	4.115%
44	14.733	2114	2118	2123	rVB4	48239	86111	24.70%	1.531%
45	14.830	2130	2134	2142	rVB2	48036	75345	21.61%	1.339%
46	14.904	2143	2146	2147	rBV3	9012	9593	2.75%	0.171%
47	14.940	2148	2152	2155	rVV3	58032	89795	25.76%	1.596%
48	14.977	2155	2158	2164	rVV3	34093	54894	15.75%	0.976%
49	15.056	2164	2171	2180	rVB2	63351	136042	39.02%	2.418%
50	15.135	2180	2184	2189	rVB7	23581	46919	13.46%	0.834%
51	15.202	2190	2195	2200	rBV7	35439	74603	21.40%	1.326%
52	15.288	2205	2209	2214	rBV	56871	91060	26.12%	1.618%
53	15.349	2214	2219	2229	rVV6	45880	170301	48.85%	3.027%
54	15.434	2229	2233	2241	rVB3	77034	129476	37.14%	2.301%
55	15.525	2241	2248	2255	rBV3	41108	108399	31.09%	1.927%
56	15.605	2255	2261	2265	rVB5	18752	32272	9.26%	0.574%
57	15.684	2265	2274	2277	rBV6	42444	109493	31.41%	1.946%
58	15.727	2277	2281	2287	rVB	96094	162856	46.72%	2.895%
59	15.818	2291	2296	2300	rVB3	19315	32616	9.36%	0.580%
60	15.885	2301	2307	2320	rVB3	45791	140367	40.26%	2.495%
61	16.031	2324	2331	2336	rBV2	78205	169037	48.49%	3.004%
62	16.147	2348	2350	2355	rBV5	9319	14935	4.28%	0.265%
63	16.227	2355	2363	2369	rVV3	98782	205763	59.02%	3.657%
64	16.288	2369	2373	2379	rVV5	30963	75322	21.61%	1.339%
65	16.355	2380	2384	2393	rVB2	36432	71644	20.55%	1.273%
66	16.495	2399	2407	2412	rBV9	25995	86663	24.86%	1.540%
67	16.544	2412	2415	2421	rVV5	24566	43702	12.54%	0.777%
68	16.629	2421	2429	2437	rVB4	26082	70484	20.22%	1.253%

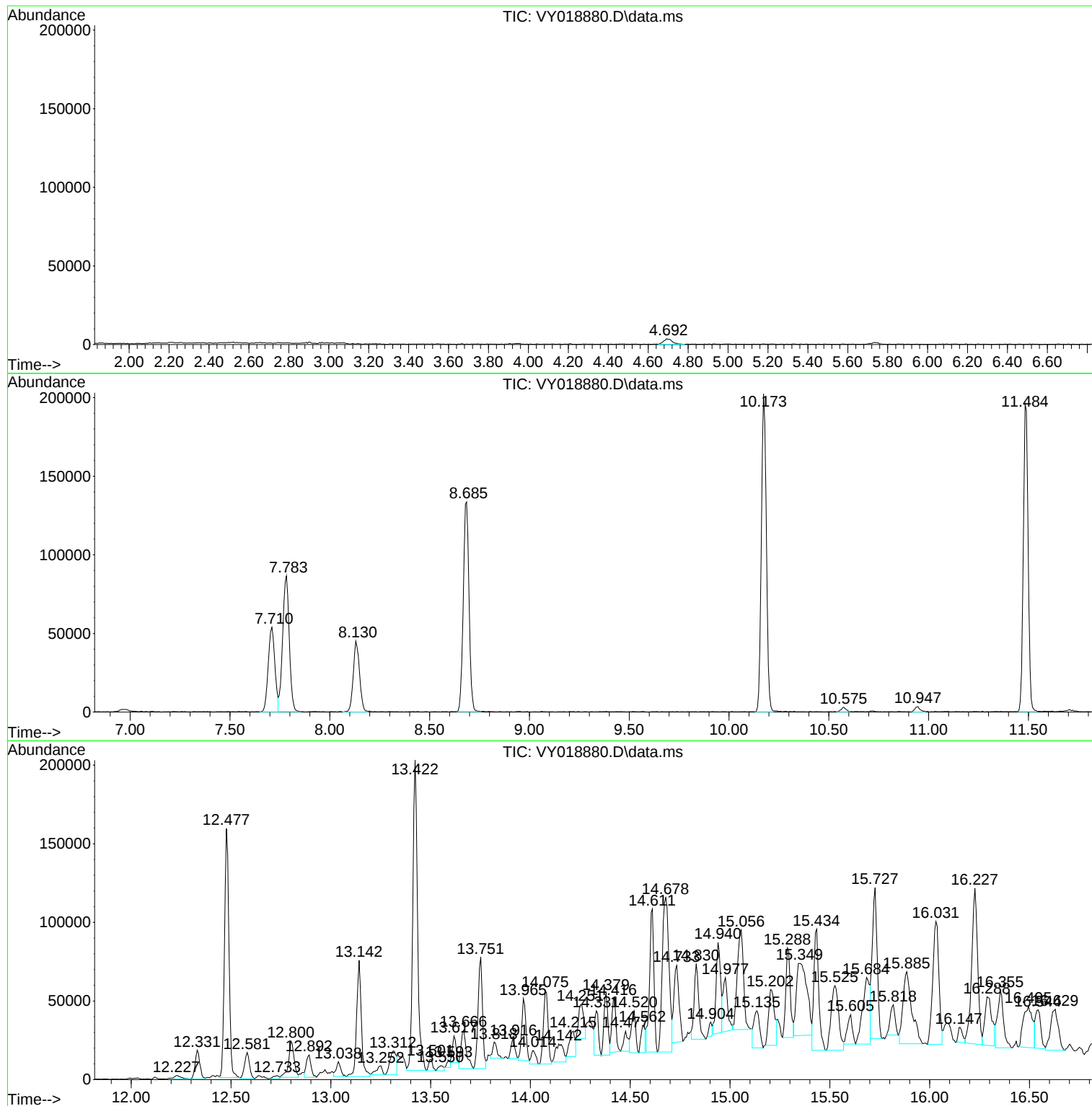
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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



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ALS Vial : 9 Sample Multiplier: 1

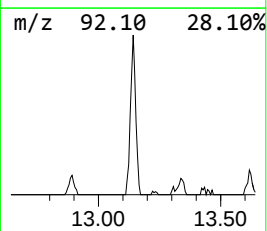
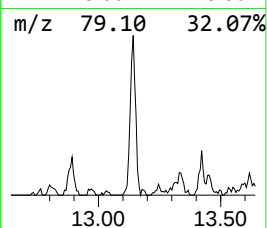
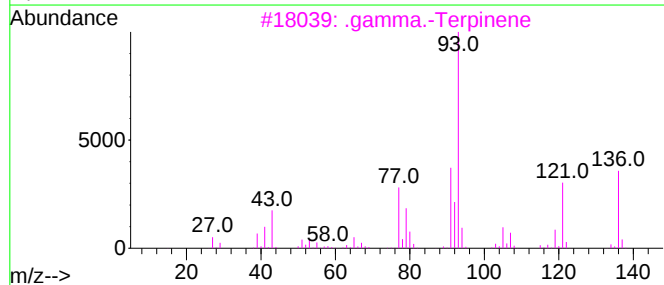
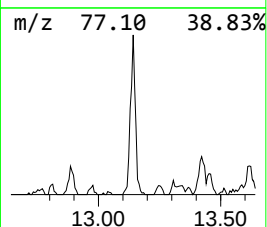
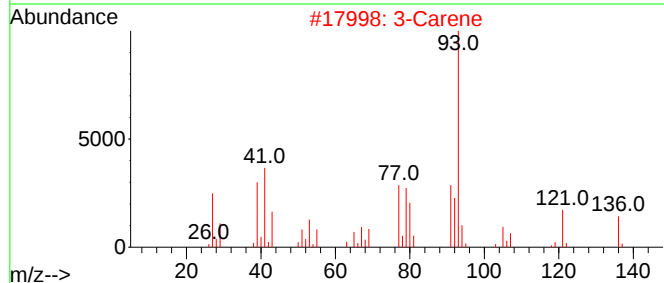
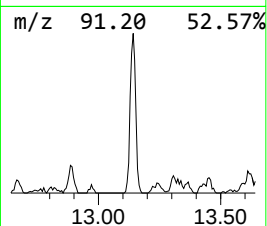
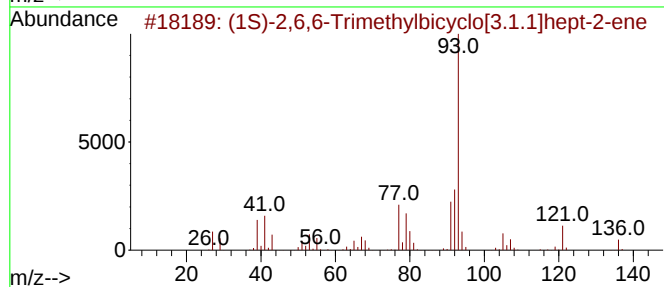
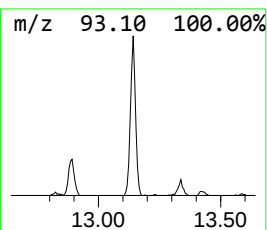
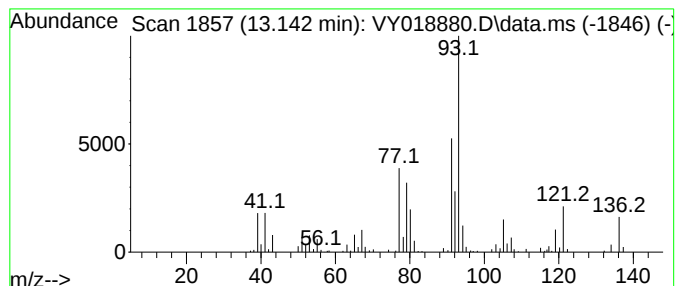
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.142	18.53 ug/l	120729	1,4-Dichlorobenzene-d4	13.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	94
2	3-Carene	136	C10H16	013466-78-9	93
3	.gamma.-Terpinene	136	C10H16	000099-85-4	90
4	Cyclopropane, 1,1-dimethyl-2-(3-methylbut-3-en-1-yl)-	136	C10H16	068998-21-0	81
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dimethyl-	136	C10H16	000508-32-7	81



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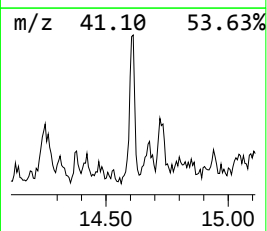
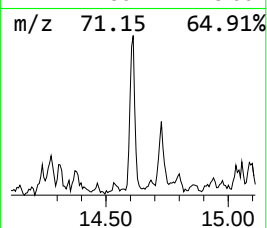
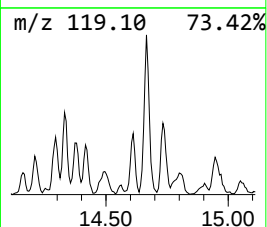
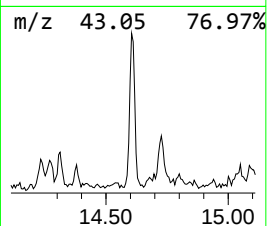
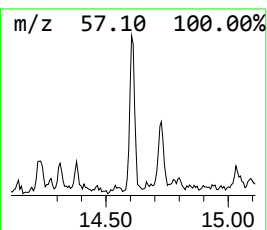
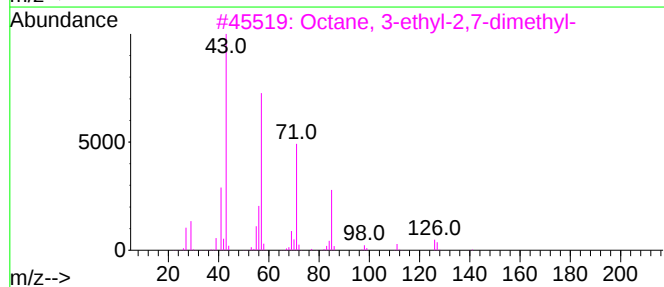
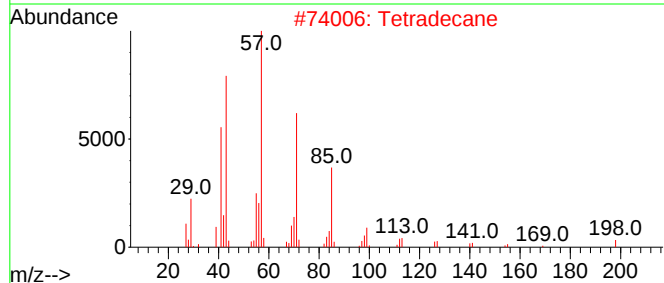
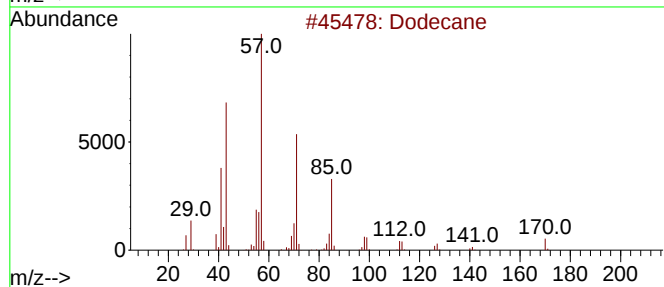
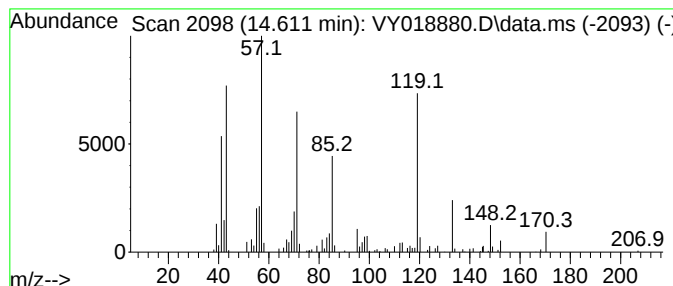
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.611 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	20.79 ug/l	135437	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	42
2			Tetradecane	198	C14H30	000629-59-4	38
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	30
5			Nonadecane	268	C19H40	000629-92-5	30



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ClientSampleId :
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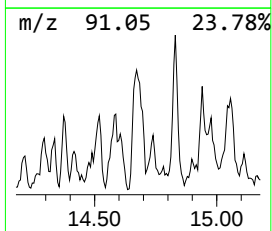
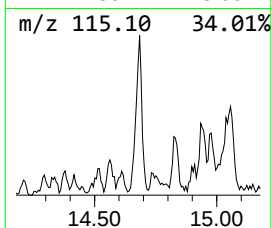
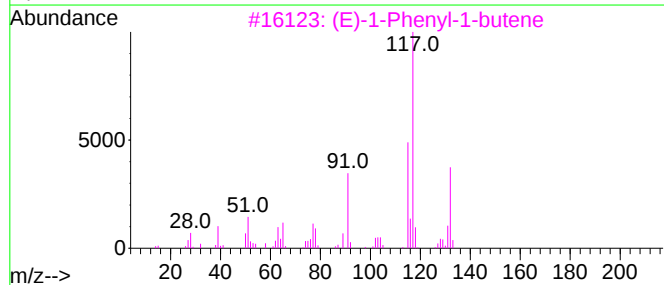
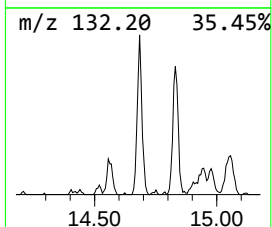
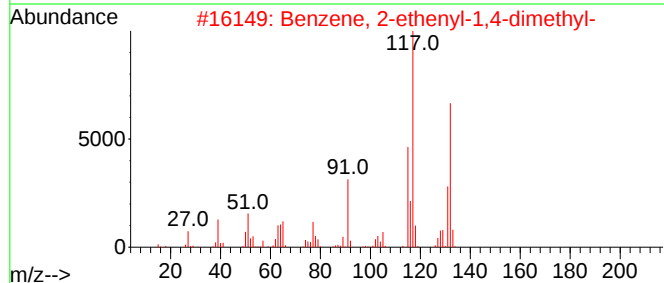
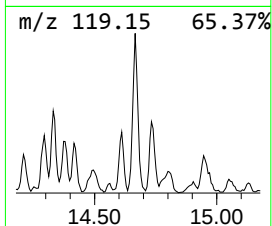
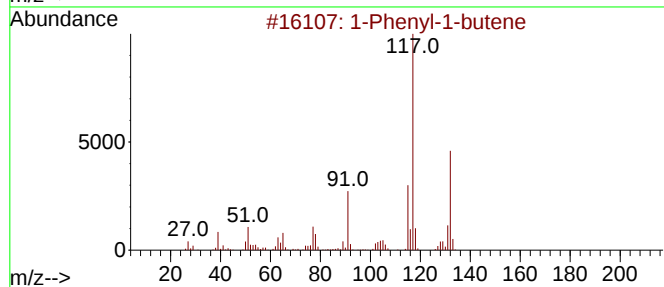
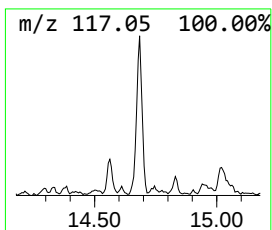
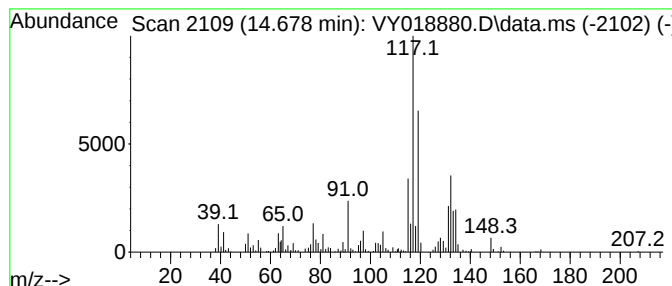
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Quant Title : SW846 8260

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

Peak Number 3 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	35.54 ug/l	231526	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	90
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60



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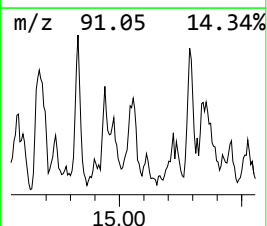
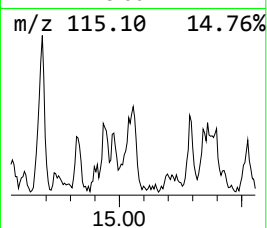
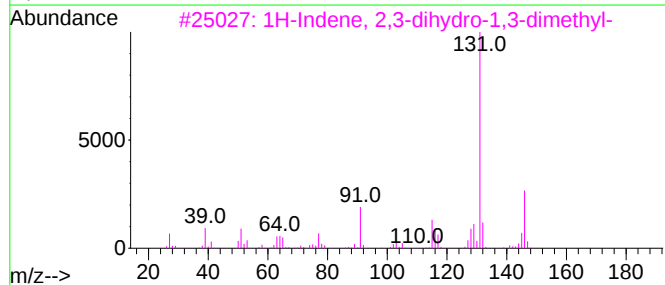
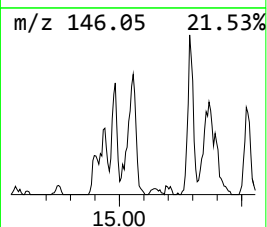
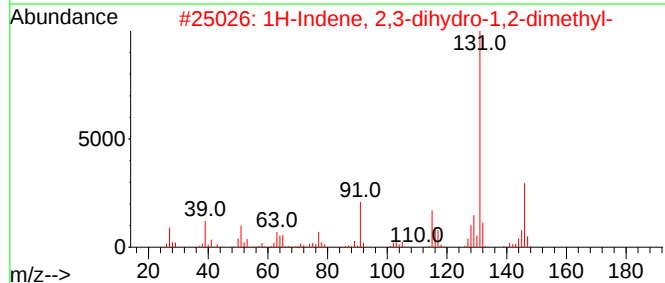
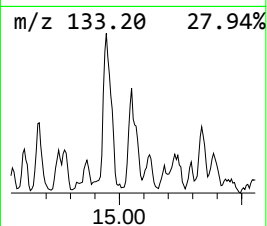
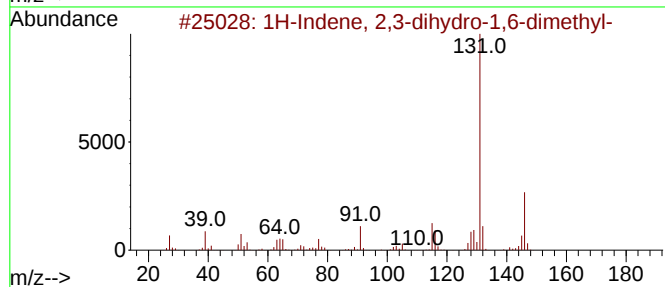
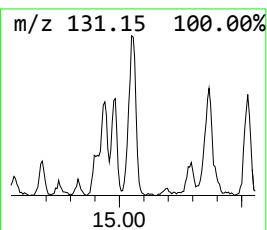
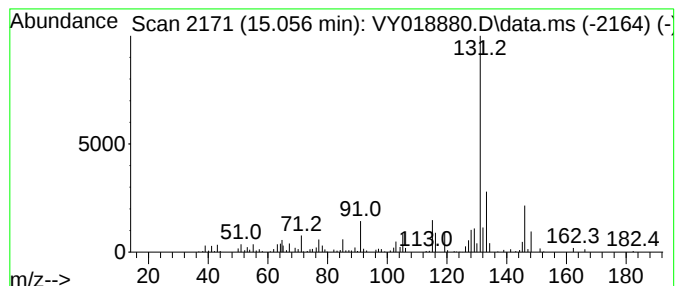
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	20.88 ug/l	136042	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	76
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	74
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

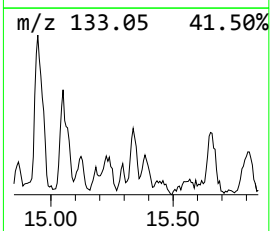
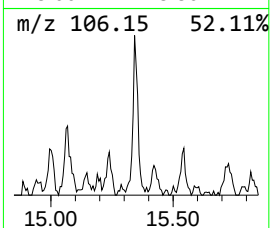
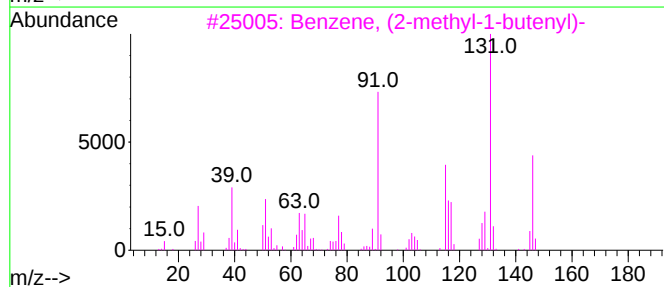
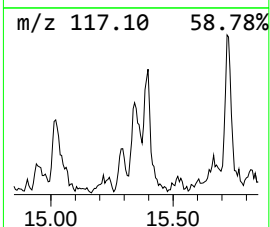
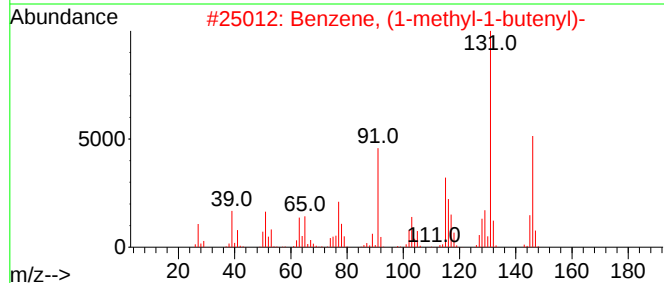
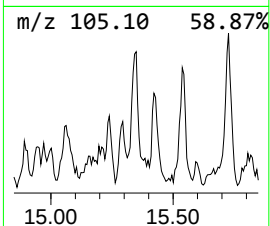
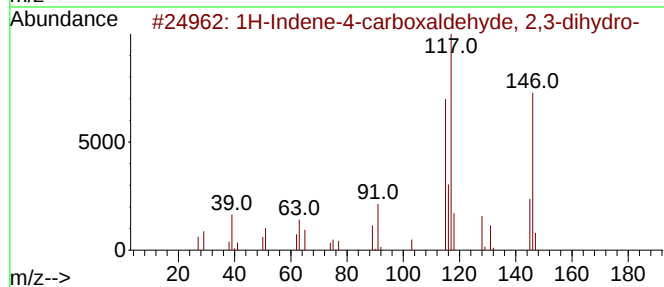
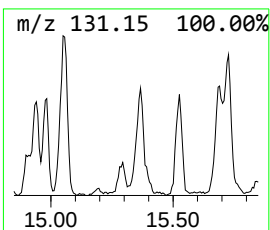
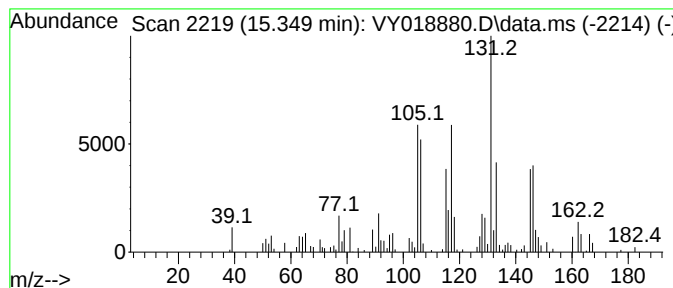
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene-4-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	26.14 ug/l	170301	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	60
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	49
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

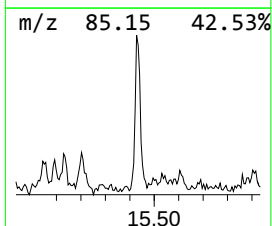
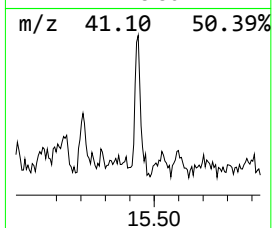
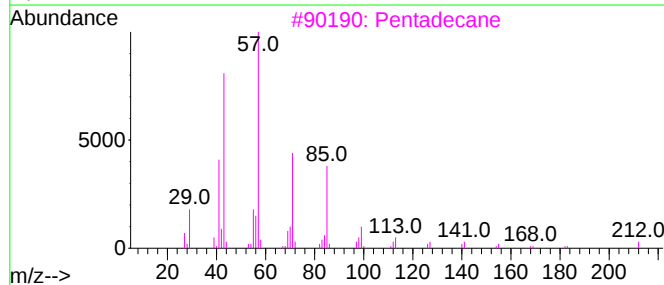
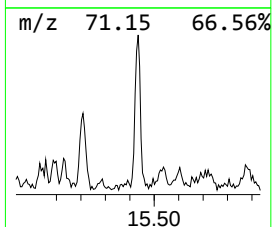
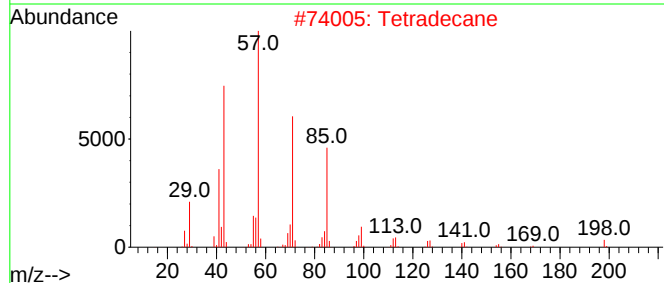
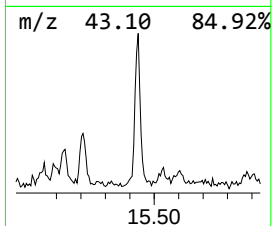
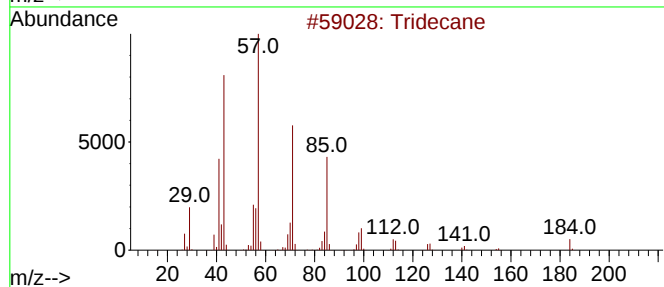
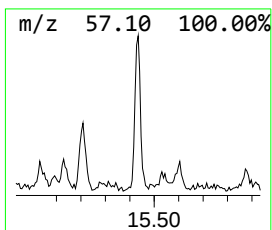
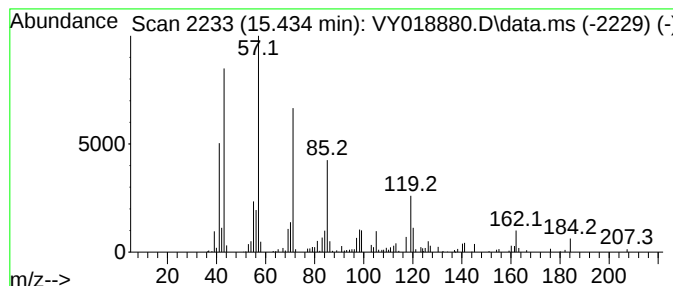
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	19.88 ug/l	129476	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tetradecane	198	C14H30	000629-59-4	64
3			Pentadecane	212	C15H32	000629-62-9	64
4			Hexadecane	226	C16H34	000544-76-3	62
5			Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

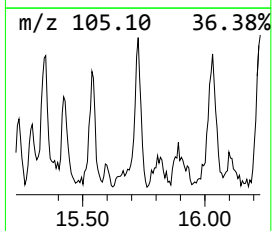
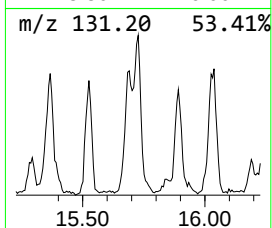
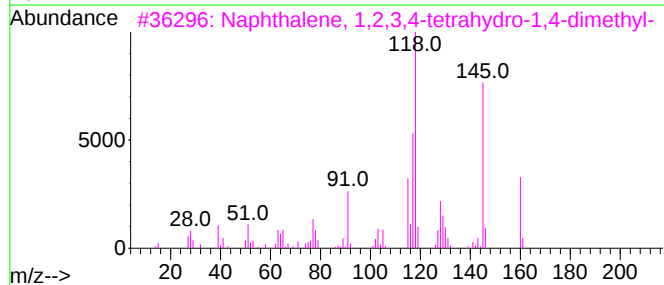
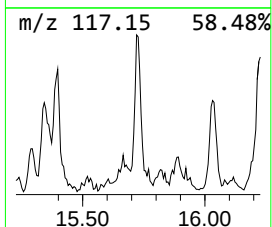
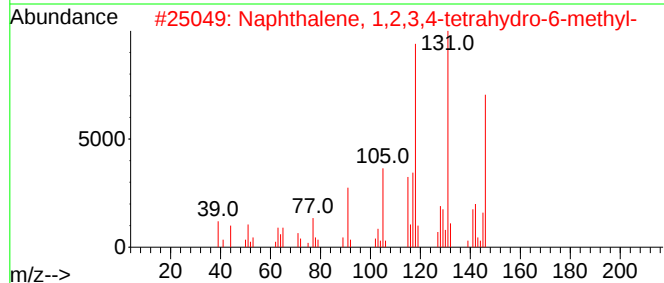
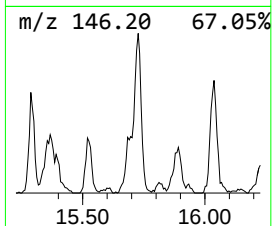
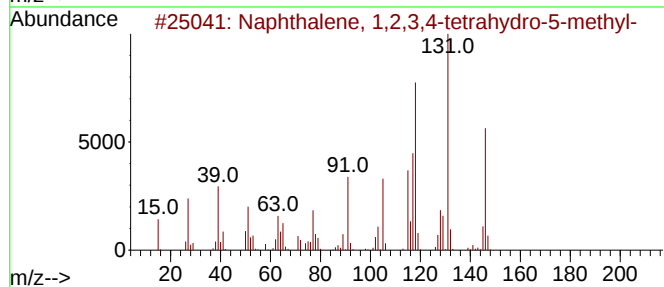
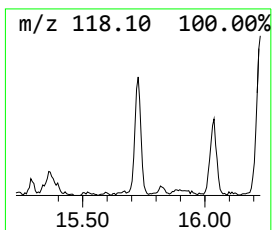
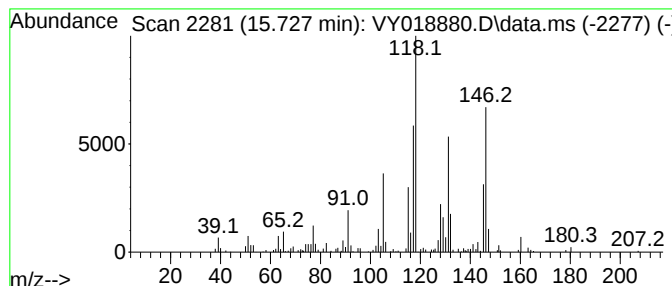
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	25.00 ug/l	162856	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	42
5			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

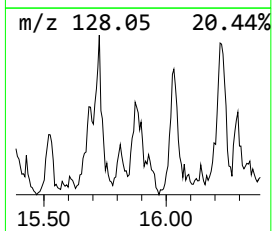
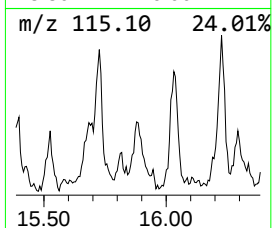
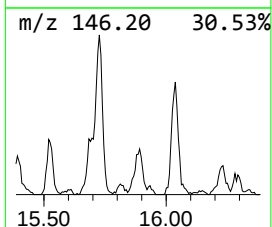
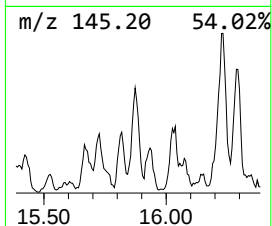
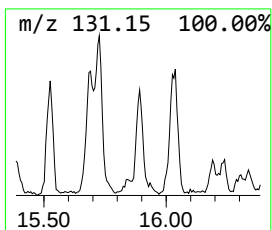
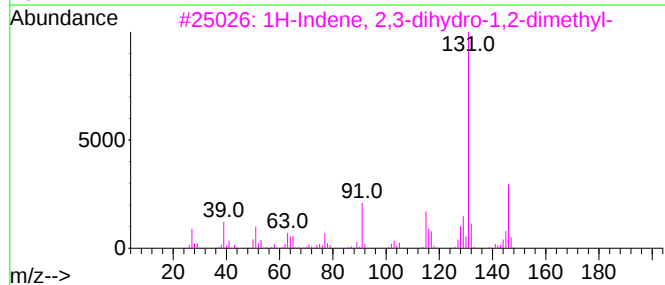
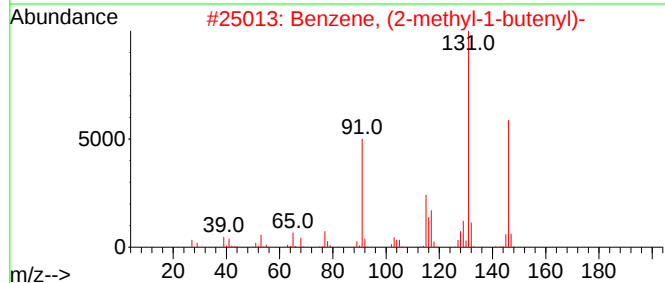
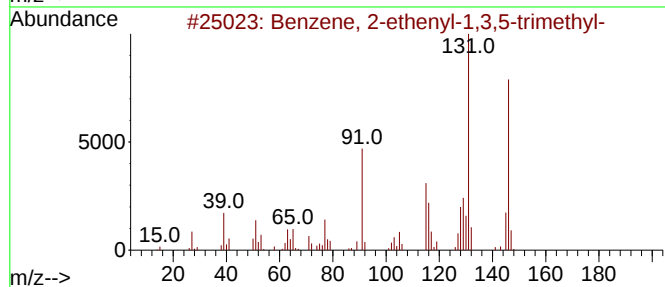
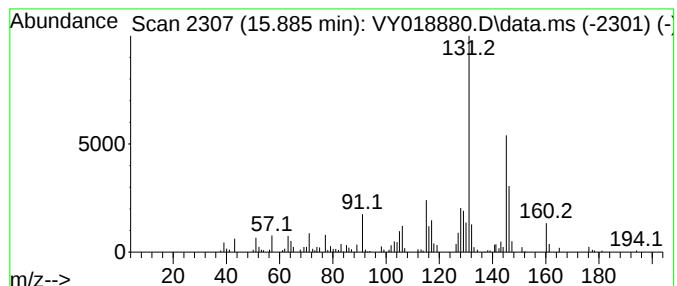
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	21.55 ug/l	140367	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

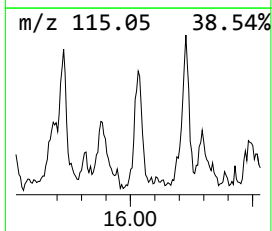
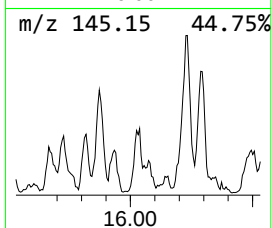
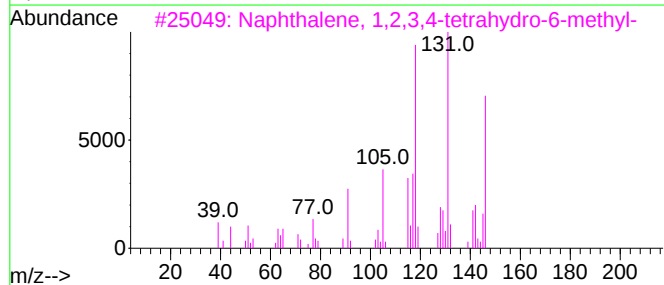
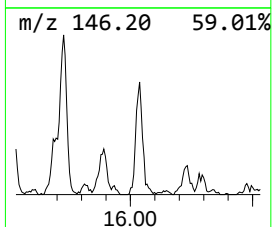
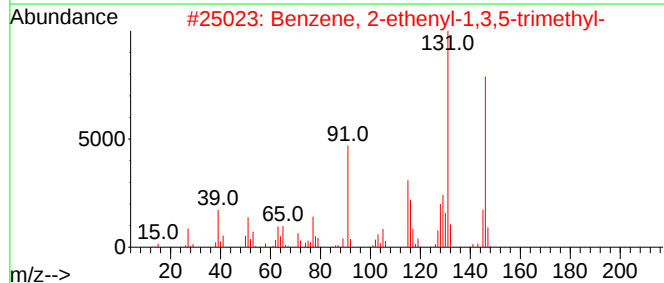
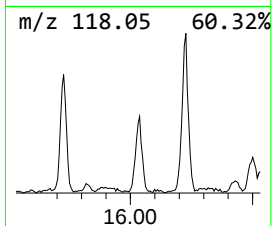
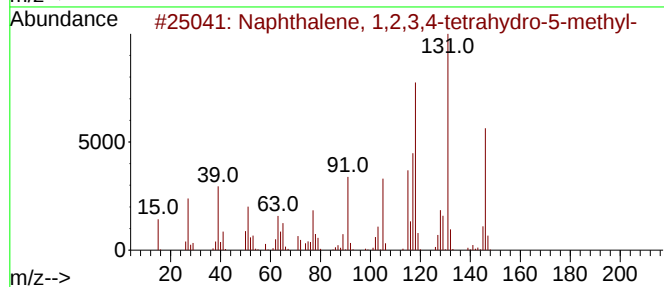
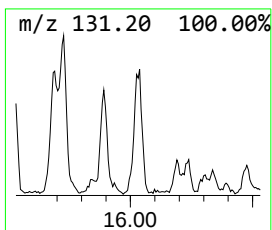
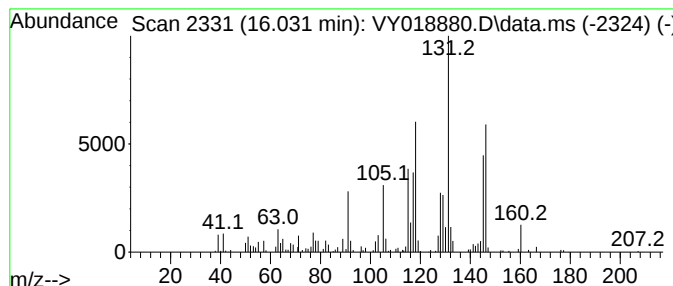
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.032	25.95 ug/l	169037	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49
5			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

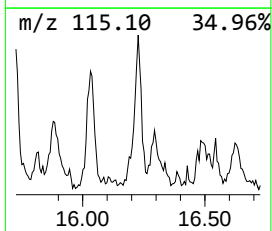
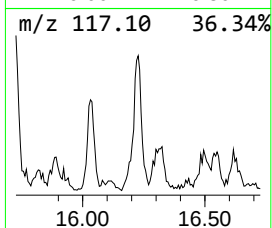
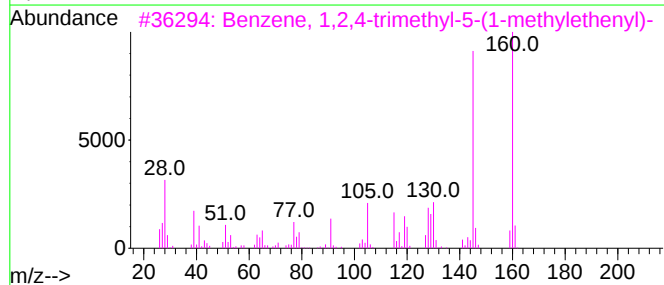
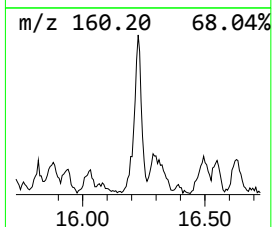
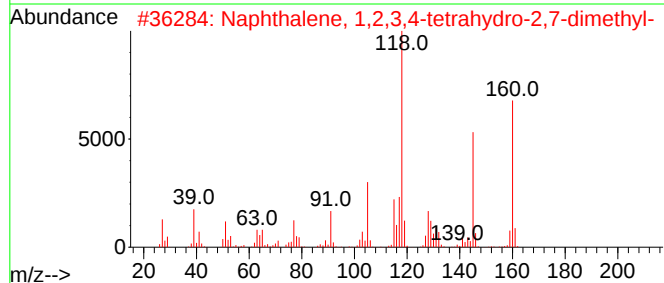
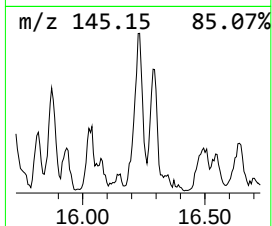
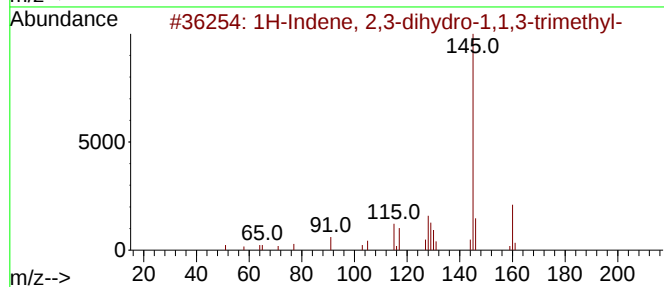
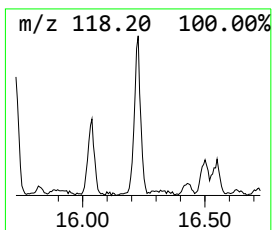
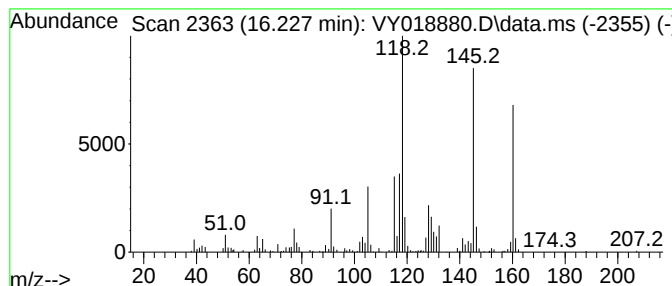
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	31.59 ug/l	205763	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	83
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	74
3			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5			2,4-Dimethylphenylacetoneitrile	145	C10H11N	068429-53-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
Data File : VY018880.D
Acq On : 19 Jul 2024 14:28
Operator : SY/MD
Sample : P3294-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.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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unknown14.611	14.611	20.8	ug/l	135437	4	13.422	325707	50.0
1-Phenyl-1-butene	14.678	35.5	ug/l	231526	4	13.422	325707	50.0
1H-Indene, 2,3-...	15.056	20.9	ug/l	136042	4	13.422	325707	50.0
1H-Indene-4-car...	15.349	26.1	ug/l	170301	4	13.422	325707	50.0
Tridecane	15.434	19.9	ug/l	129476	4	13.422	325707	50.0
Naphthalene, 1,...	15.727	25.0	ug/l	162856	4	13.422	325707	50.0
Benzene, 2-ethe...	15.885	21.6	ug/l	140367	4	13.422	325707	50.0
Naphthalene, 1,...	16.032	25.9	ug/l	169037	4	13.422	325707	50.0
1H-Indene, 2,3-...	16.227	31.6	ug/l	205763	4	13.422	325707	50.0