

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017624.D
 Acq On : 08 Mar 2024 16:47
 Operator : SY/MD
 Sample : P1724-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 90

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\82Y022324S.M

Title : SW846 8260

Signal : TIC: VY017624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.241	64	69	74	rBV	8884	13381	1.18%	0.076%
2	4.716	463	475	488	rBV	11570	35395	3.13%	0.201%
3	7.715	958	967	973	rBV2	84444	199343	17.61%	1.131%
4	7.789	973	979	995	rVB	128489	293152	25.90%	1.663%
5	8.142	1027	1037	1046	rBV	72831	159252	14.07%	0.904%
6	8.691	1116	1127	1137	rBV	221356	432952	38.25%	2.457%
7	10.178	1364	1371	1379	rBV	346310	611744	54.05%	3.471%
8	11.489	1580	1586	1595	rBV	314229	509716	45.04%	2.892%
9	11.709	1616	1622	1630	rVB3	26336	58504	5.17%	0.332%
10	12.032	1666	1675	1679	rBV3	19471	54326	4.80%	0.308%
11	12.123	1686	1690	1695	rBV4	25158	48959	4.33%	0.278%
12	12.416	1735	1738	1740	rBV2	13142	16116	1.42%	0.091%
13	12.483	1744	1749	1754	rBV	227231	328259	29.00%	1.863%
14	12.647	1773	1776	1778	rBV4	9920	14645	1.29%	0.083%
15	12.733	1785	1790	1794	rBV	66385	113205	10.00%	0.642%
16	12.769	1794	1796	1797	rVV	27633	26897	2.38%	0.153%
17	12.806	1798	1802	1808	rVB2	194328	299501	26.46%	1.700%
18	12.861	1808	1811	1815	rVB2	17913	25219	2.23%	0.143%
19	12.971	1818	1829	1833	rBV2	56331	148863	13.15%	0.845%
20	13.044	1837	1841	1846	rVB	58636	86928	7.68%	0.493%
21	13.123	1848	1854	1859	rBV	181717	290715	25.69%	1.650%
22	13.172	1859	1862	1866	rBV3	16431	33389	2.95%	0.189%
23	13.318	1879	1886	1890	rBV4	73094	144500	12.77%	0.820%
24	13.367	1890	1894	1897	rVV3	67680	115560	10.21%	0.656%
25	13.428	1897	1904	1913	rVV2	389281	865595	76.48%	4.912%
26	13.501	1913	1916	1920	rVB2	48178	60410	5.34%	0.343%
27	13.623	1928	1936	1940	rBV2	167398	312354	27.60%	1.772%
28	13.666	1940	1943	1952	rVB3	147547	293768	25.96%	1.667%
29	13.751	1952	1957	1962	rBV	377944	595259	52.59%	3.378%
30	13.824	1967	1969	1975	rVB	59049	70793	6.25%	0.402%
31	13.885	1975	1979	1981	rBV	81267	116949	10.33%	0.664%
32	13.916	1981	1984	1989	rVB2	126624	175445	15.50%	0.996%
33	13.970	1989	1993	1998	rVB	174707	234743	20.74%	1.332%
34	14.019	1998	2001	2006	rVB2	48954	80628	7.12%	0.458%
35	14.080	2006	2011	2016	rBV	213484	321001	28.36%	1.822%
36	14.141	2017	2021	2027	rVB7	45555	103311	9.13%	0.586%

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Sampling : 1

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37	14.214	2027	2033	2034	rBV2	66360	105770	9.35%	0.600%
38	14.257	2036	2040	2044	rBV4	82119	152711	13.49%	0.867%
39	14.336	2050	2053	2057	rVB	184929	242243	21.40%	1.375%
40	14.379	2057	2060	2064	rBV	143823	187841	16.60%	1.066%
41	14.422	2064	2067	2072	rVB	115133	147955	13.07%	0.840%
42	14.476	2074	2076	2079	rVV4	35340	48061	4.25%	0.273%
43	14.519	2080	2083	2087	rVV	100921	136801	12.09%	0.776%
44	14.562	2087	2090	2094	rVV	224441	389591	34.42%	2.211%
45	14.611	2094	2098	2103	rVB2	401346	578114	51.08%	3.280%
46	14.684	2103	2110	2115	rBV3	531088	1131821	100.00%	6.422%
47	14.732	2115	2118	2125	rVB2	189167	317390	28.04%	1.801%
48	14.836	2130	2135	2142	rVB	372637	592139	52.32%	3.360%
49	14.903	2143	2146	2148	rBV	53023	68972	6.09%	0.391%
50	14.940	2148	2152	2156	rVV3	168512	318738	28.16%	1.809%
51	14.976	2156	2158	2164	rVV	100981	145400	12.85%	0.825%
52	15.056	2164	2171	2176	rVB2	185271	402754	35.58%	2.285%
53	15.208	2191	2196	2205	rBV6	124469	363395	32.11%	2.062%
54	15.293	2205	2210	2214	rVV	231357	377538	33.36%	2.142%
55	15.348	2214	2219	2229	rVV5	189845	642500	56.77%	3.646%
56	15.434	2229	2233	2241	rVB3	218298	373353	32.99%	2.119%
57	15.525	2241	2248	2255	rVB3	168097	371726	32.84%	2.109%
58	15.604	2257	2261	2266	rVB3	56779	92749	8.19%	0.526%
59	15.690	2269	2275	2277	rVV4	111853	216185	19.10%	1.227%
60	15.726	2277	2281	2290	rVB	438327	796202	70.35%	4.518%
61	15.818	2292	2296	2301	rVB3	39337	66202	5.85%	0.376%
62	15.891	2302	2308	2323	rVB3	109027	323371	28.57%	1.835%
63	16.037	2324	2332	2338	rBV	234361	493886	43.64%	2.803%
64	16.159	2348	2352	2355	rBV3	20340	32044	2.83%	0.182%
65	16.226	2357	2363	2369	rVV2	205945	434692	38.41%	2.467%
66	16.293	2369	2374	2380	rVV	138734	294094	25.98%	1.669%
67	16.354	2381	2384	2394	rVB3	69931	144996	12.81%	0.823%
68	16.488	2400	2406	2412	rBV5	82296	217553	19.22%	1.234%
69	16.622	2424	2428	2437	rVB3	51009	125219	11.06%	0.711%

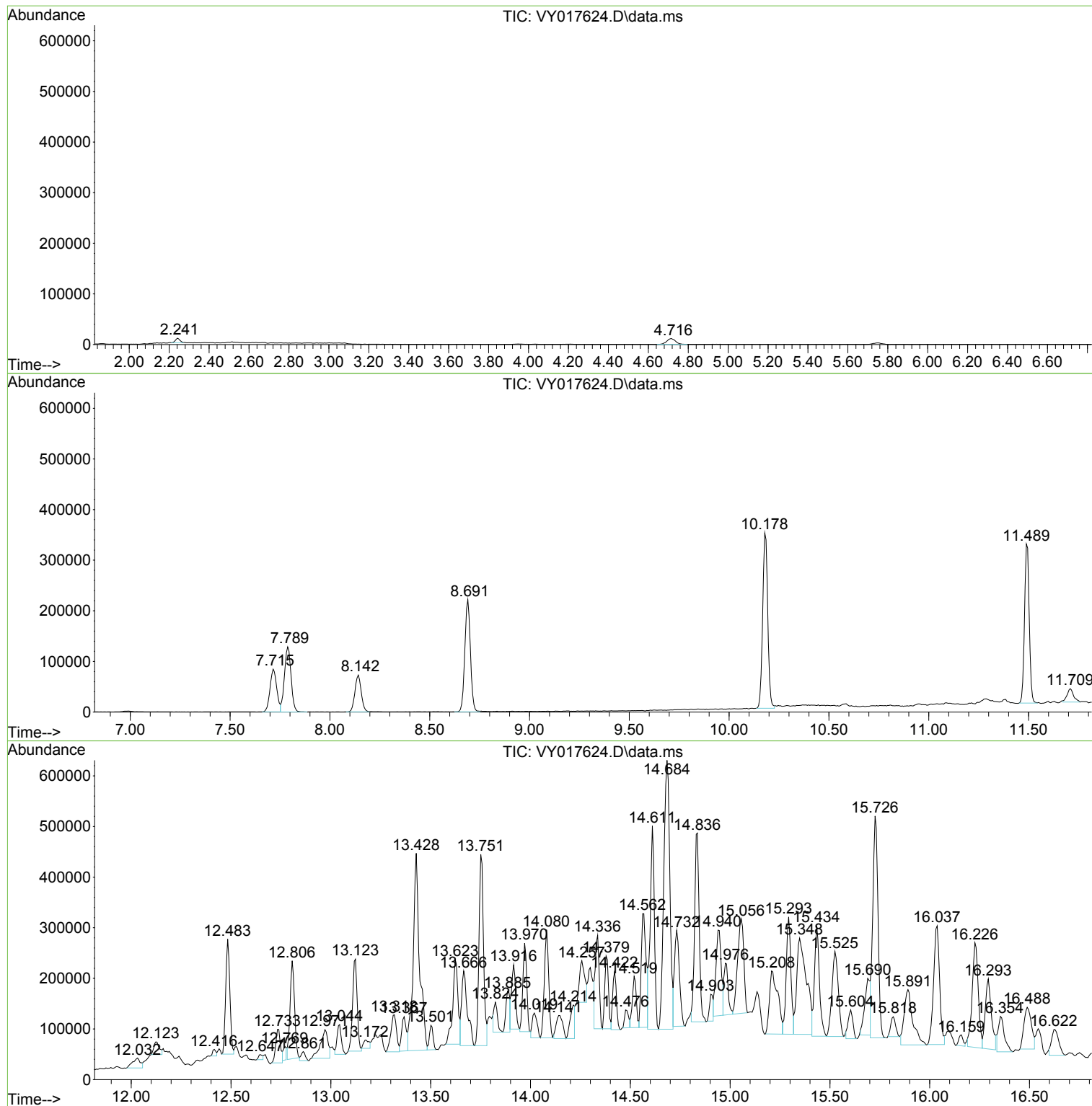
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
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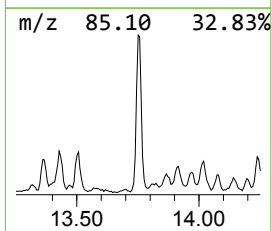
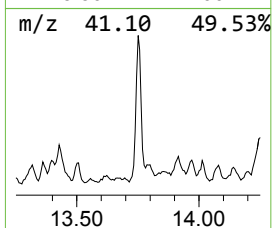
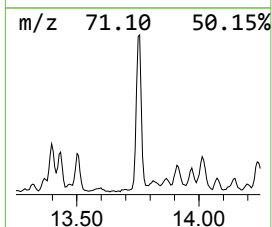
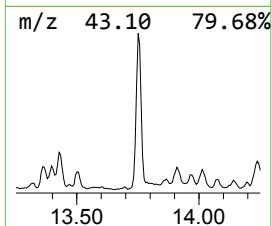
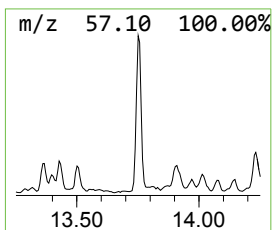
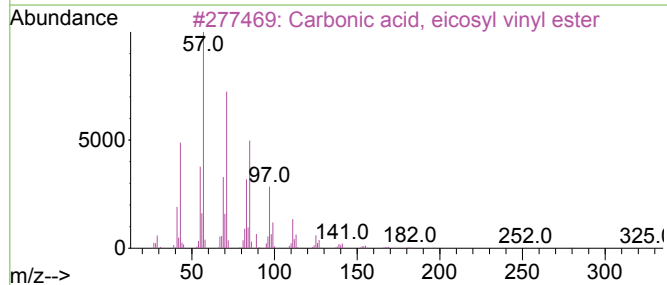
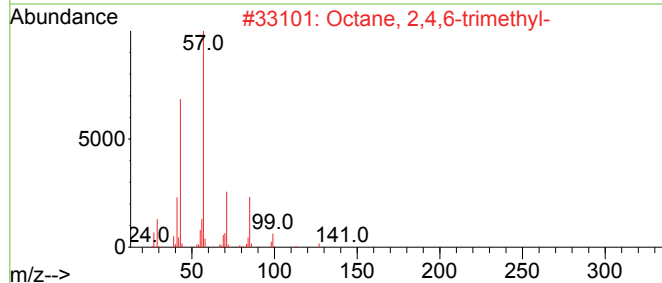
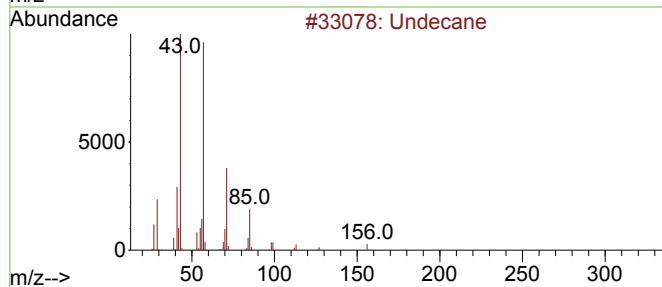
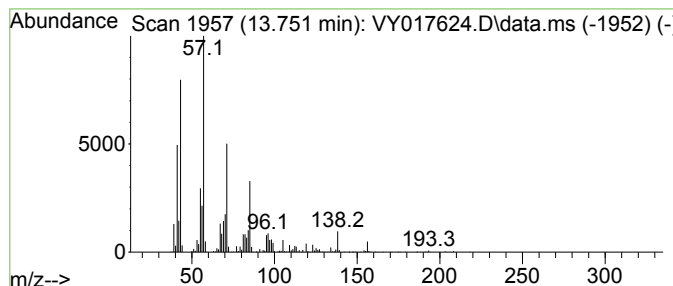
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	34.38 ug/l	595259	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	80
2	Octane, 2,4,6-trimethyl-			156	C11H24	062016-37-9	64
3	Carbonic acid, eicosyl vinyl ester			368	C23H44O3	1000382-54-3	59
4	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	58
5	Tetradecane			198	C14H30	000629-59-4	53



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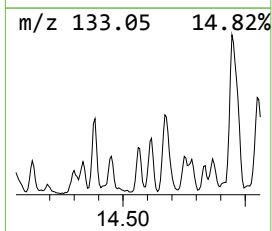
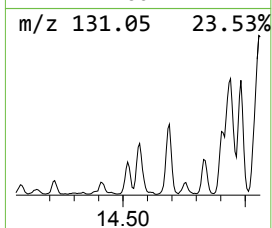
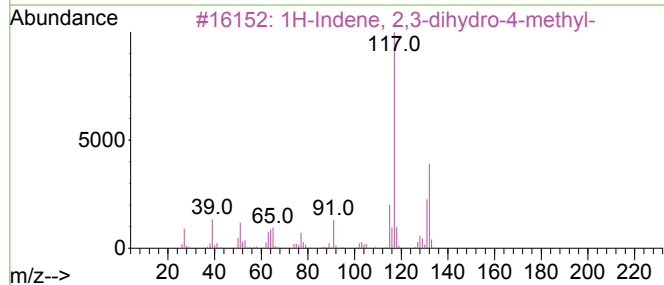
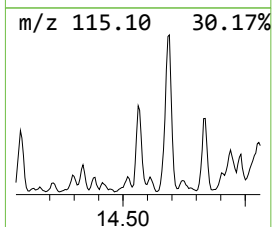
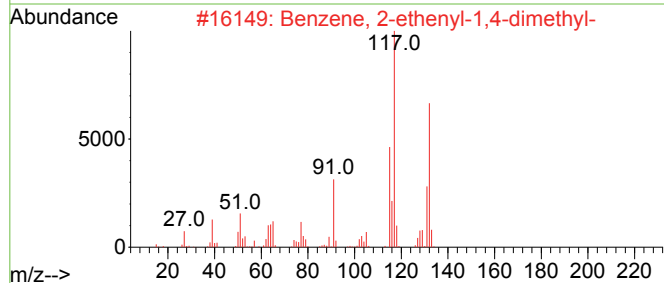
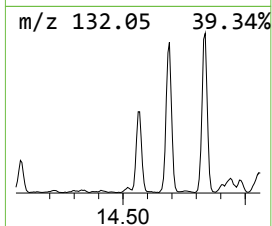
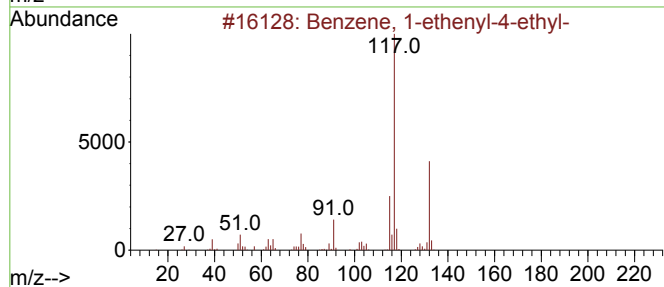
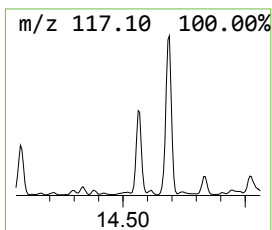
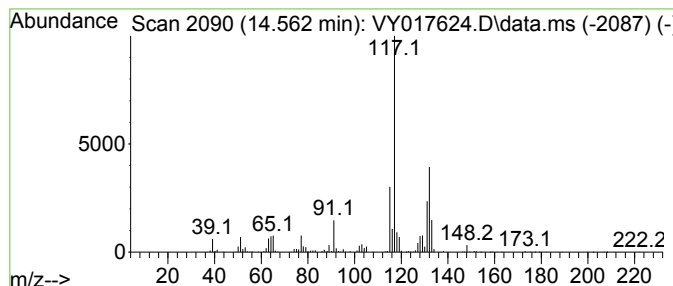
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	22.50 ug/l	389591	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	86



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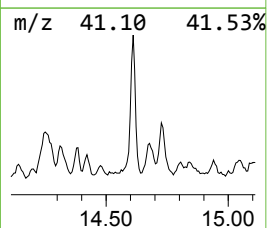
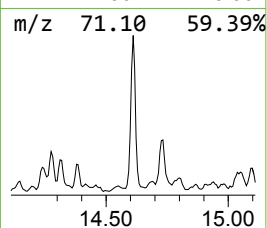
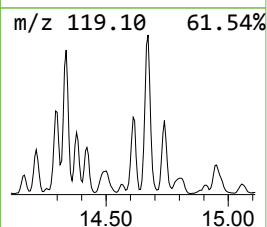
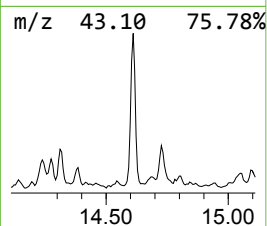
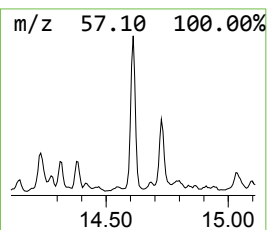
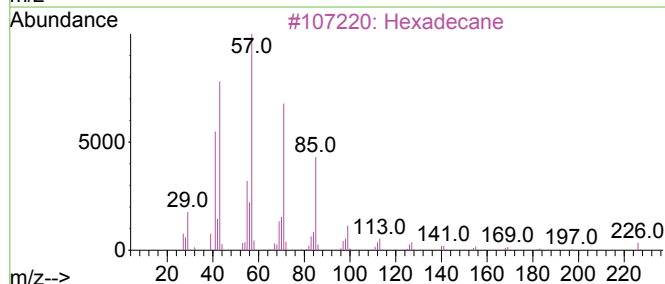
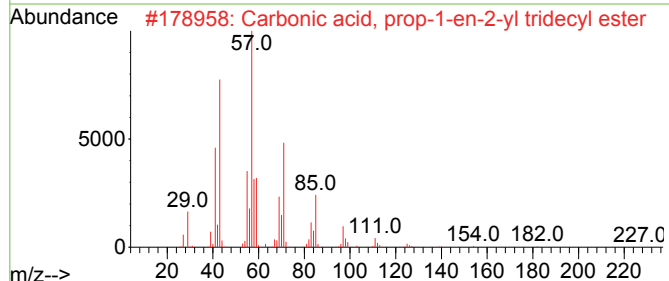
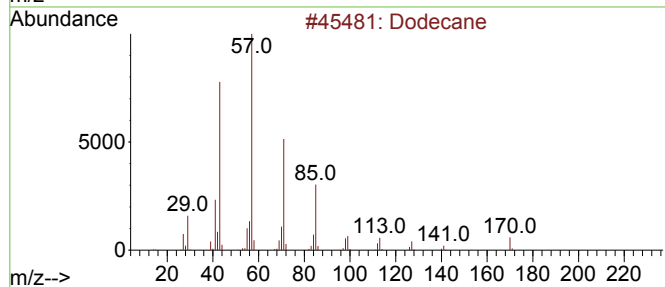
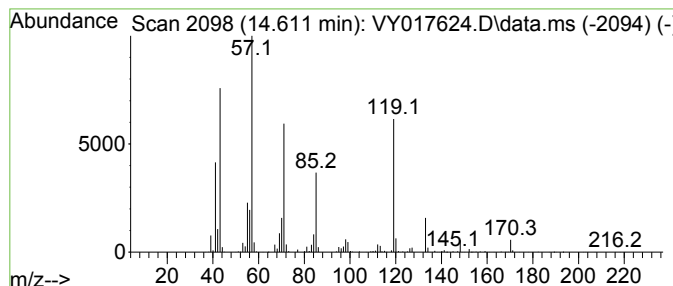
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown14.611 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	33.39 ug/l	578114	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	49
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	47
3			Hexadecane	226	C16H34	000544-76-3	47
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	38
5			Undecane	156	C11H24	001120-21-4	35



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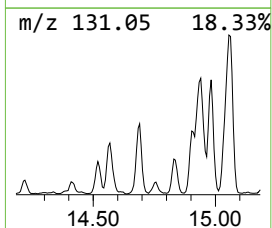
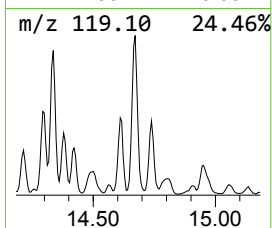
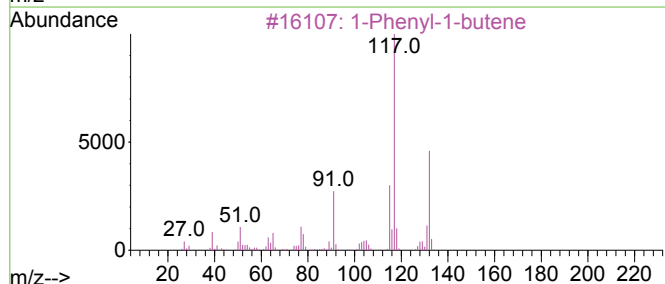
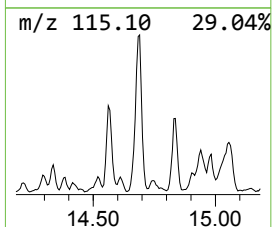
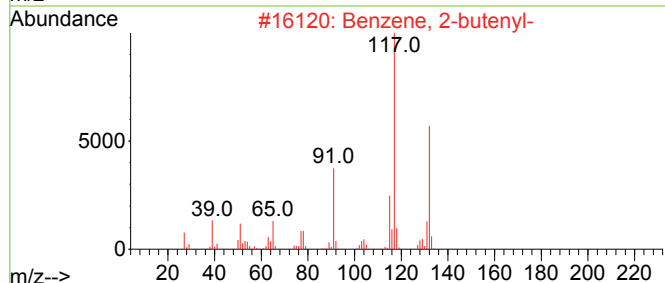
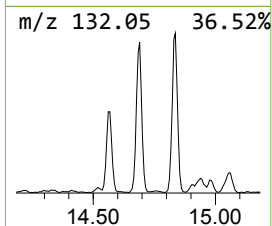
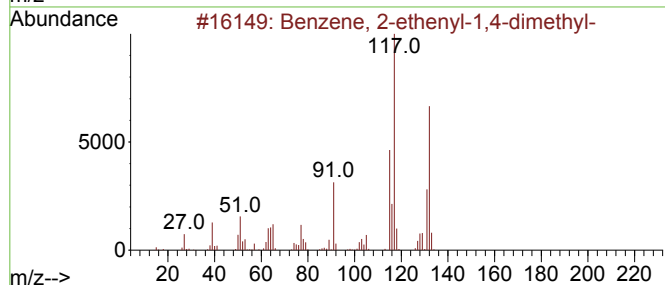
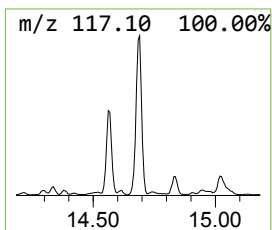
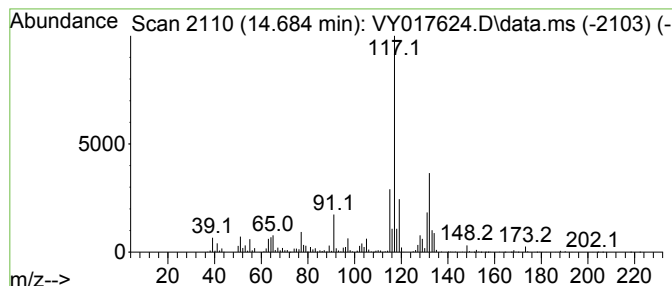
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Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	65.38 ug/l	1131820	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	92
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
90

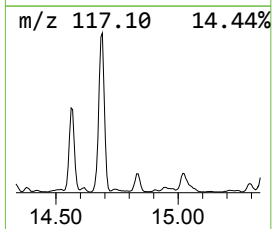
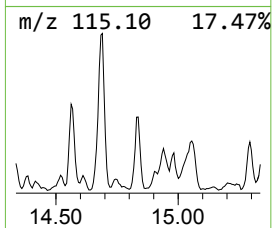
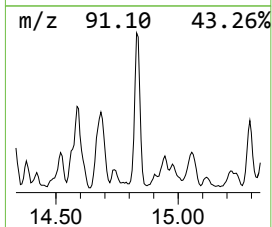
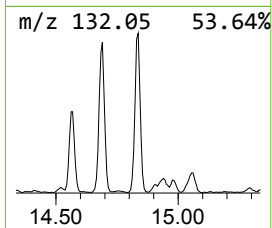
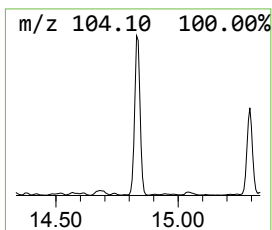
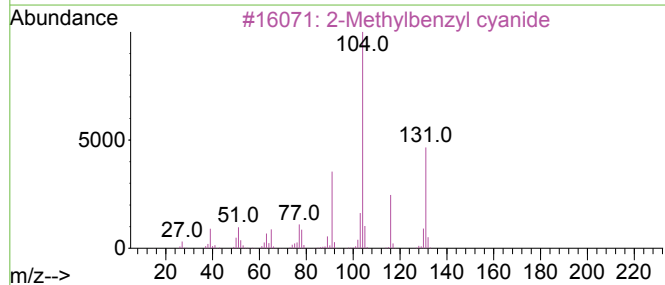
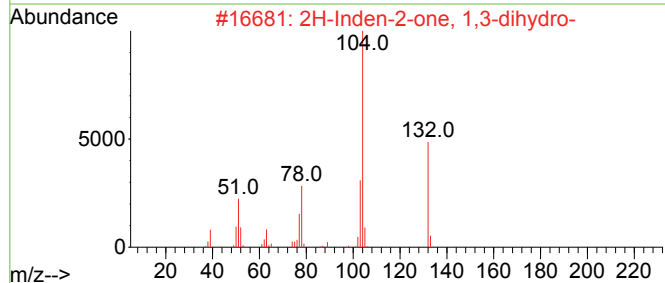
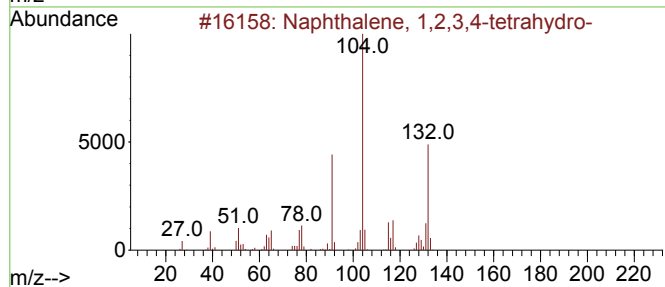
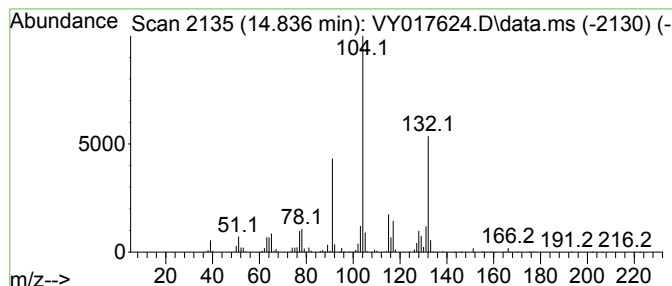
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	34.20 ug/l	592139	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
4			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
5			Styrene	104	C8H8	000100-42-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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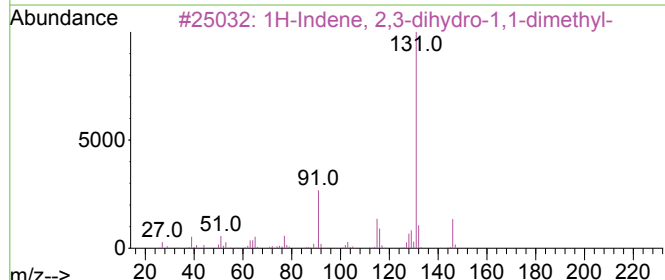
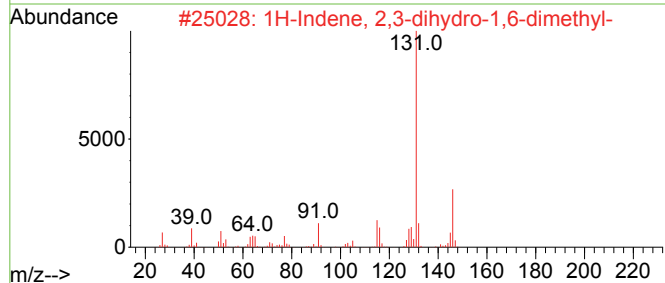
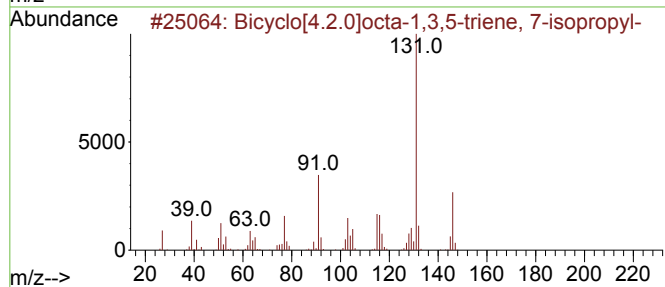
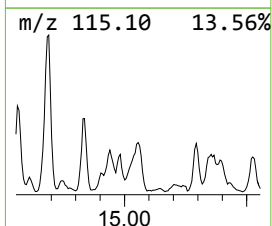
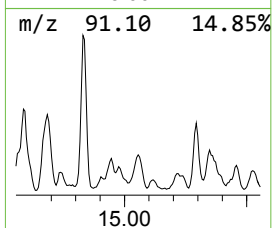
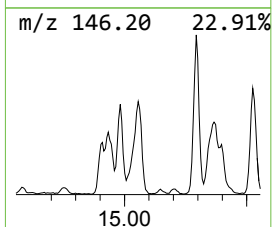
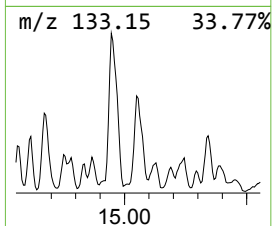
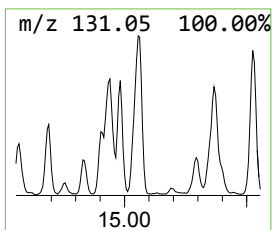
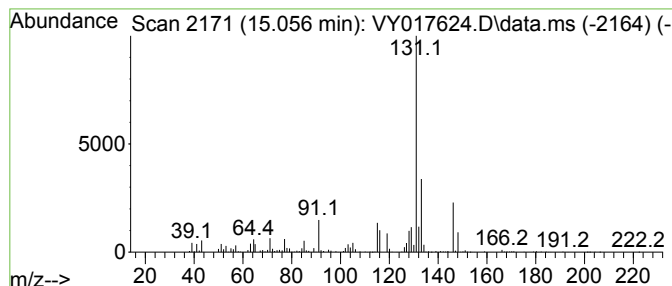
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Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	23.26 ug/l	402754	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
90

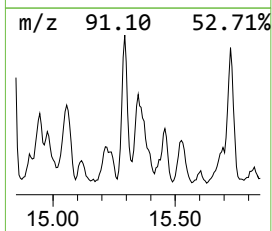
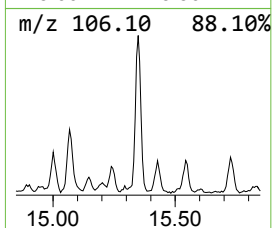
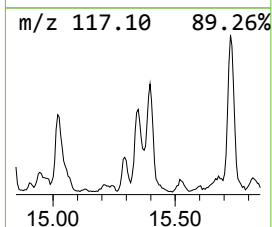
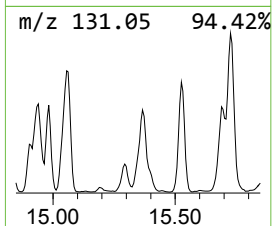
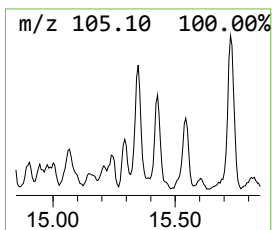
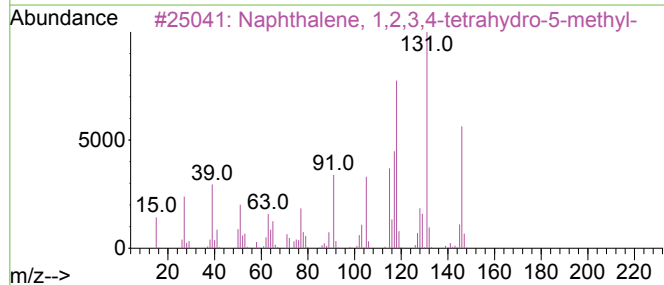
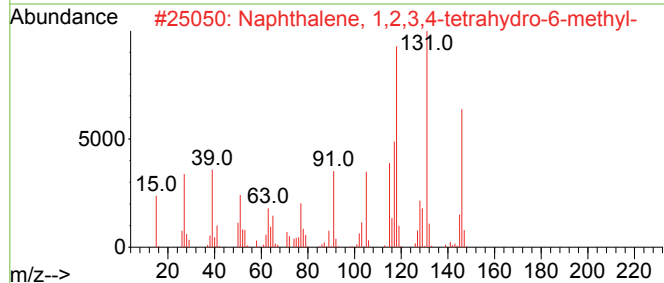
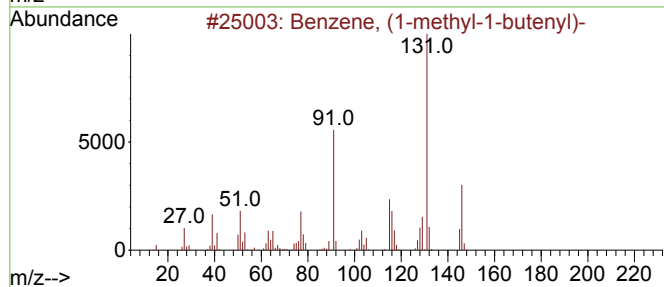
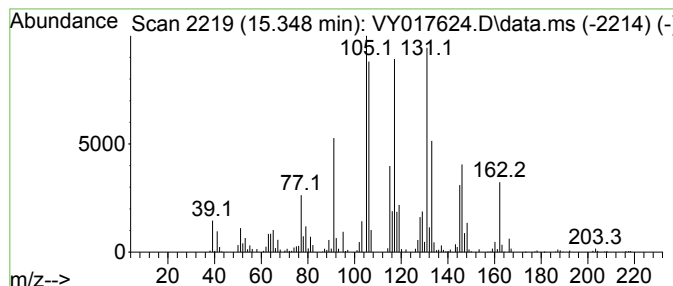
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.348	37.11 ug/l	642500	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4			7-Ethylidenebicyclo[4.2.1]nona-2...	146	C11H14	094400-10-9	43
5			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
90

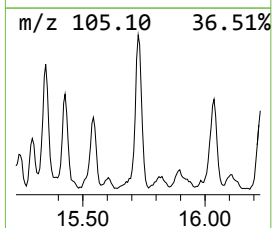
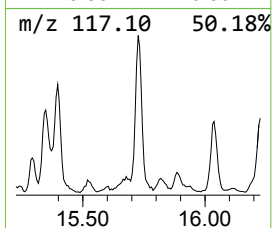
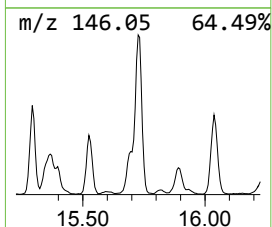
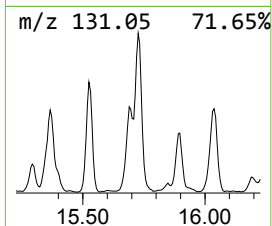
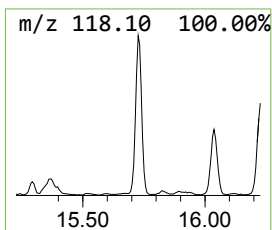
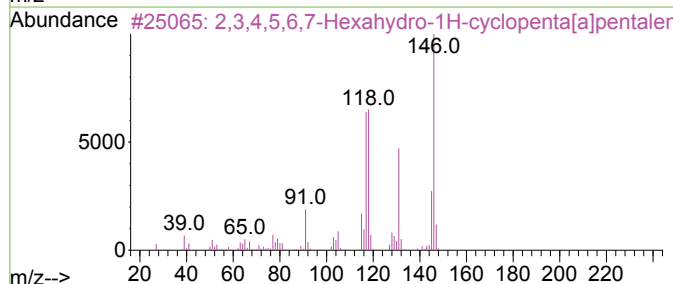
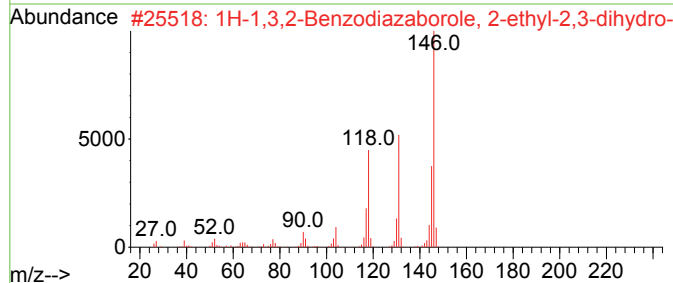
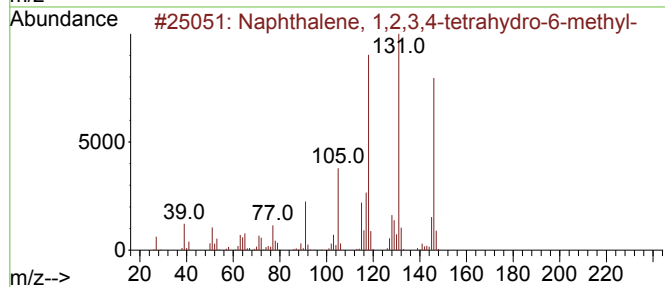
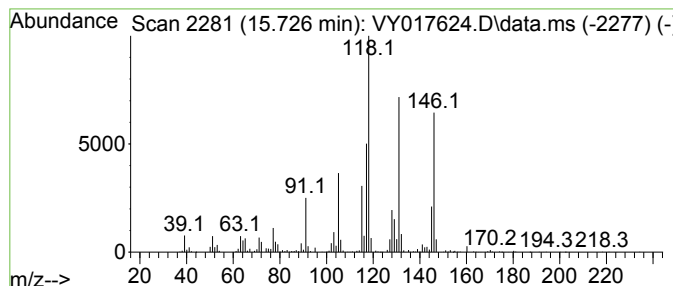
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	45.99 ug/l	796202	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
90

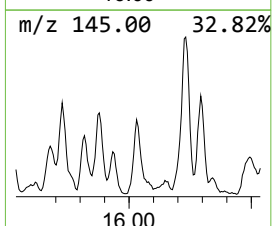
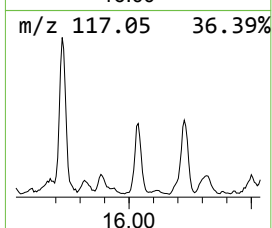
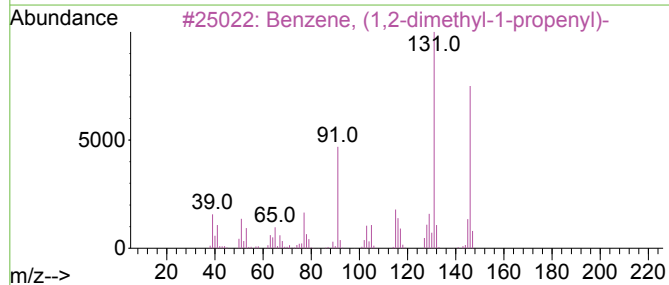
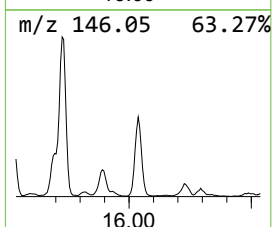
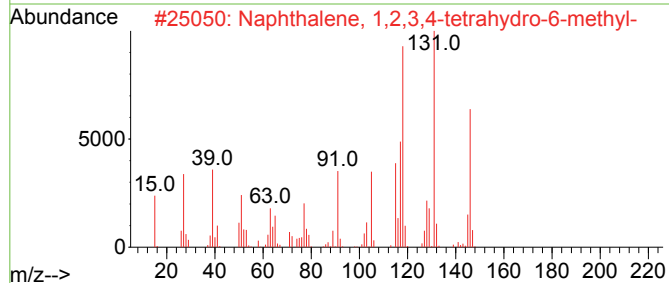
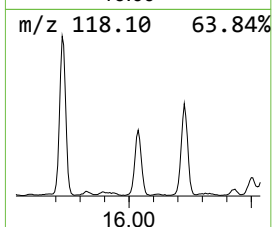
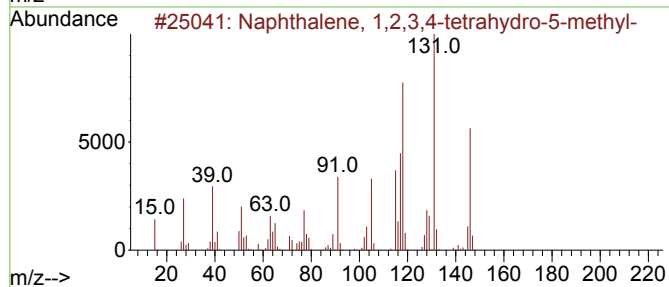
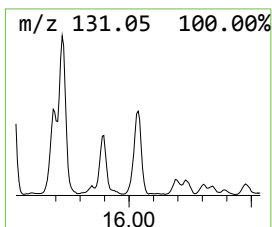
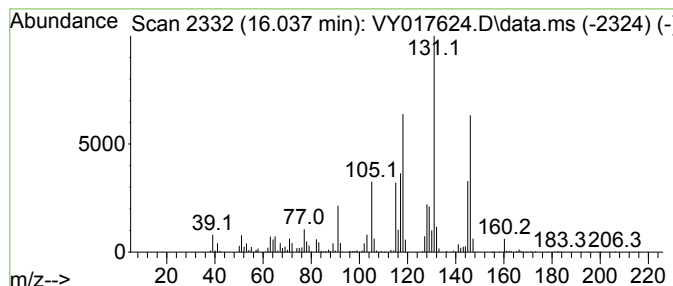
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	28.53 ug/l	493886	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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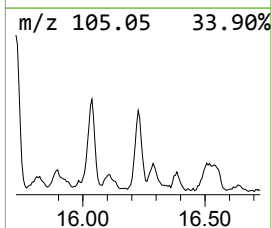
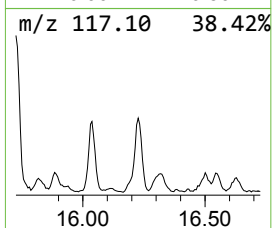
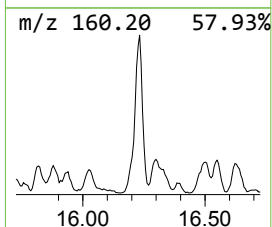
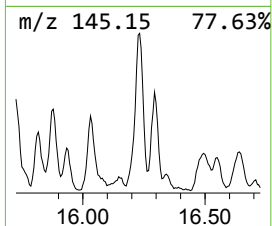
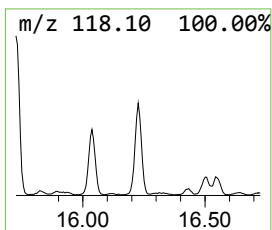
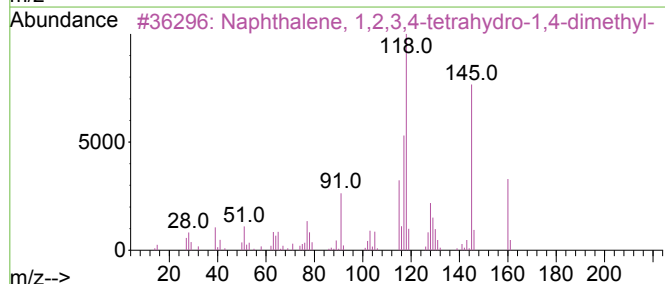
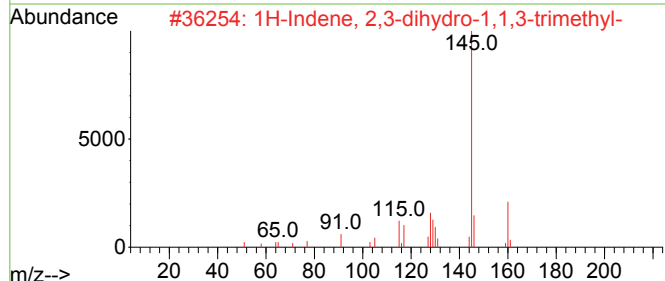
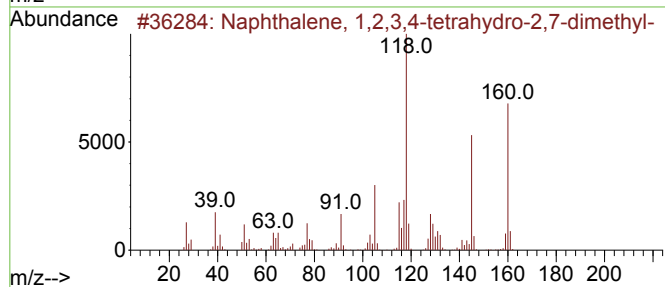
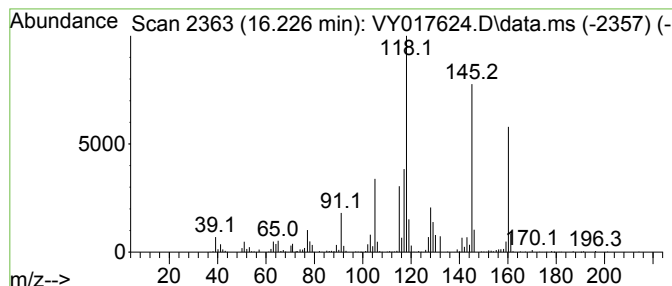
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	25.11 ug/l	434692	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
Data File : VY017624.D
Acq On : 08 Mar 2024 16:47
Operator : SY/MD
Sample : P1724-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.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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Benzene, 1-ethe...	14.562	22.5	ug/l	389591	4	13.428	865595	50.0
unknown14.611	14.611	33.4	ug/l	578114	4	13.428	865595	50.0
Benzene, 2-ethe...	14.684	65.4	ug/l	1131820	4	13.428	865595	50.0
Naphthalene, 1,...	14.836	34.2	ug/l	592139	4	13.428	865595	50.0
Bicyclo[4.2.0]o...	15.056	23.3	ug/l	402754	4	13.428	865595	50.0
Benzene, (1-met...	15.348	37.1	ug/l	642500	4	13.428	865595	50.0
Naphthalene, 1,...	15.726	46.0	ug/l	796202	4	13.428	865595	50.0
Naphthalene, 1,...	16.037	28.5	ug/l	493886	4	13.428	865595	50.0
Naphthalene, 1,...	16.226	25.1	ug/l	434692	4	13.428	865595	50.0