

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018704.D
 Acq On : 26 Jun 2024 13:51
 Operator : SY/MD
 Sample : P3045-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10AB

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\82Y061324S.M
 Title : SW846 8260

Signal : TIC: VY018704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	16	rVB2	13968	19248	2.18%	0.230%
2	2.204	59	63	72	rVB3	9764	21460	2.43%	0.257%
3	4.692	461	471	486	rBV3	15772	51860	5.87%	0.620%
4	5.728	630	641	650	rBV3	13816	42890	4.85%	0.513%
5	6.685	788	798	807	rBV4	5250	14617	1.65%	0.175%
6	7.703	955	965	971	rBV2	82211	197451	22.35%	2.361%
7	7.777	971	977	989	rVB2	130096	292990	33.17%	3.503%
8	8.136	1024	1036	1048	rBV3	110291	290742	32.91%	3.476%
9	8.539	1095	1102	1111	rVB2	13404	26714	3.02%	0.319%
10	8.679	1117	1125	1138	rBV	204245	402766	45.59%	4.816%
11	8.880	1148	1158	1166	rBV4	6360	17263	1.95%	0.206%
12	9.179	1194	1207	1213	rBV3	16493	38048	4.31%	0.455%
13	9.813	1304	1311	1315	rBV	15188	28218	3.19%	0.337%
14	9.953	1327	1334	1344	rVB6	12814	33708	3.82%	0.403%
15	10.173	1364	1370	1375	rBV	335870	573482	64.92%	6.857%
16	10.240	1375	1381	1389	rVB	294542	514025	58.19%	6.146%
17	10.368	1394	1402	1410	rVB	52364	90633	10.26%	1.084%
18	10.514	1417	1426	1430	rBV6	5564	10435	1.18%	0.125%
19	10.575	1431	1436	1440	rBV3	4992	9206	1.04%	0.110%
20	10.794	1467	1472	1477	rBV3	6650	11056	1.25%	0.132%
21	10.898	1481	1489	1494	rBV2	6136	14028	1.59%	0.168%
22	11.032	1507	1511	1516	rVV2	10273	14089	1.59%	0.168%
23	11.087	1516	1520	1525	rVB3	6668	9933	1.12%	0.119%
24	11.203	1534	1539	1543	rBV5	5400	8932	1.01%	0.107%
25	11.276	1543	1551	1560	rVB3	24044	49574	5.61%	0.593%
26	11.374	1560	1567	1572	rBV	17012	29815	3.37%	0.356%
27	11.483	1578	1585	1593	rBV	306895	505239	57.19%	6.041%
28	11.587	1596	1602	1609	rBV	110460	179239	20.29%	2.143%
29	11.697	1611	1620	1629	rBV	425474	883430	100.00%	10.563%
30	12.026	1664	1674	1679	rBV	170658	287238	32.51%	3.434%
31	12.069	1679	1681	1686	rVB	17337	23508	2.66%	0.281%
32	12.117	1686	1689	1694	rVB4	7332	10542	1.19%	0.126%
33	12.203	1694	1703	1705	rBV6	9253	18452	2.09%	0.221%
34	12.337	1711	1725	1739	rBV7	54664	329049	37.25%	3.934%
35	12.477	1743	1748	1753	rVB	233599	358260	40.55%	4.284%
36	12.526	1753	1756	1760	rVB5	11557	14568	1.65%	0.174%

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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

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37	12.575	1760	1764	1773	rVB	16464	28157	3.19%	0.337%
38	12.666	1773	1779	1784	rVB	19328	31841	3.60%	0.381%
39	12.733	1784	1790	1793	rBV	64327	106969	12.11%	1.279%
40	12.764	1793	1795	1797	rVB	11764	10193	1.15%	0.122%
41	12.806	1797	1802	1806	rBV4	75594	128472	14.54%	1.536%
42	12.879	1806	1814	1815	rBV3	46695	101455	11.48%	1.213%
43	12.971	1826	1829	1830	rBV	12779	14525	1.64%	0.174%
44	13.032	1832	1839	1848	rVB2	55449	177811	20.13%	2.126%
45	13.117	1848	1853	1858	rVB	91684	142192	16.10%	1.700%
46	13.227	1865	1871	1873	rBV4	6467	13276	1.50%	0.159%
47	13.318	1882	1886	1889	rBV4	6799	10117	1.15%	0.121%
48	13.422	1896	1903	1913	rBV2	292239	506477	57.33%	6.056%
49	13.507	1913	1917	1919	rBV5	8552	13748	1.56%	0.164%
50	13.623	1927	1936	1951	rVB9	50998	183146	20.73%	2.190%
51	13.751	1951	1957	1961	rBV	30513	43619	4.94%	0.522%
52	13.806	1961	1966	1971	rVB3	19771	33069	3.74%	0.395%
53	13.873	1971	1977	1980	rBV3	12018	20233	2.29%	0.242%
54	13.971	1987	1993	1996	rBV5	23531	51666	5.85%	0.618%
55	14.074	2007	2010	2015	rVB4	6869	10947	1.24%	0.131%
56	14.269	2027	2042	2051	rBV4	26682	121258	13.73%	1.450%
57	14.373	2056	2059	2064	rVV6	5908	11367	1.29%	0.136%
58	14.513	2074	2082	2089	rBV6	7864	20972	2.37%	0.251%
59	14.611	2094	2098	2102	rBV	22432	30341	3.43%	0.363%
60	14.684	2103	2110	2115	rBV7	16403	49600	5.61%	0.593%
61	14.836	2128	2135	2144	rBV4	12025	31984	3.62%	0.382%
62	15.038	2163	2168	2174	rVB8	8391	20759	2.35%	0.248%
63	15.233	2189	2200	2212	rBV	270729	496230	56.17%	5.933%
64	15.330	2213	2216	2220	rVV5	6826	12213	1.38%	0.146%
65	15.397	2220	2227	2228	rVV4	13794	28086	3.18%	0.336%
66	15.434	2228	2233	2241	rVB	40207	69742	7.89%	0.834%
67	15.604	2255	2261	2267	rVB8	3945	9574	1.08%	0.114%
68	15.720	2269	2280	2289	rBV10	9743	31887	3.61%	0.381%
69	15.885	2300	2307	2316	rBV10	10049	29047	3.29%	0.347%
70	16.013	2324	2328	2334	rVB6	7755	13730	1.55%	0.164%
71	16.086	2334	2340	2347	rBV8	5814	13094	1.48%	0.157%
72	16.153	2347	2351	2356	rBV5	7462	11685	1.32%	0.140%
73	16.287	2366	2373	2379	rBV	54294	106411	12.05%	1.272%
74	16.360	2379	2385	2396	rVB	57380	109754	12.42%	1.312%
75	16.488	2396	2406	2419	rBV3	36082	95305	10.79%	1.140%

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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\82Y061324S.M
Title : SW846 8260

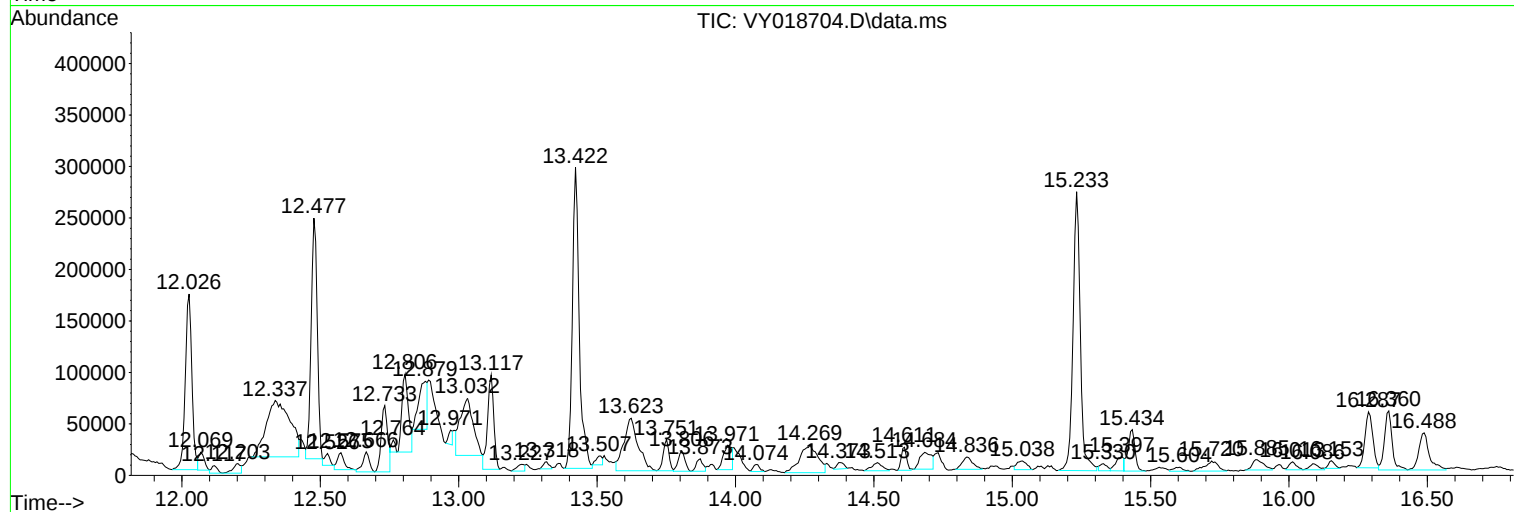
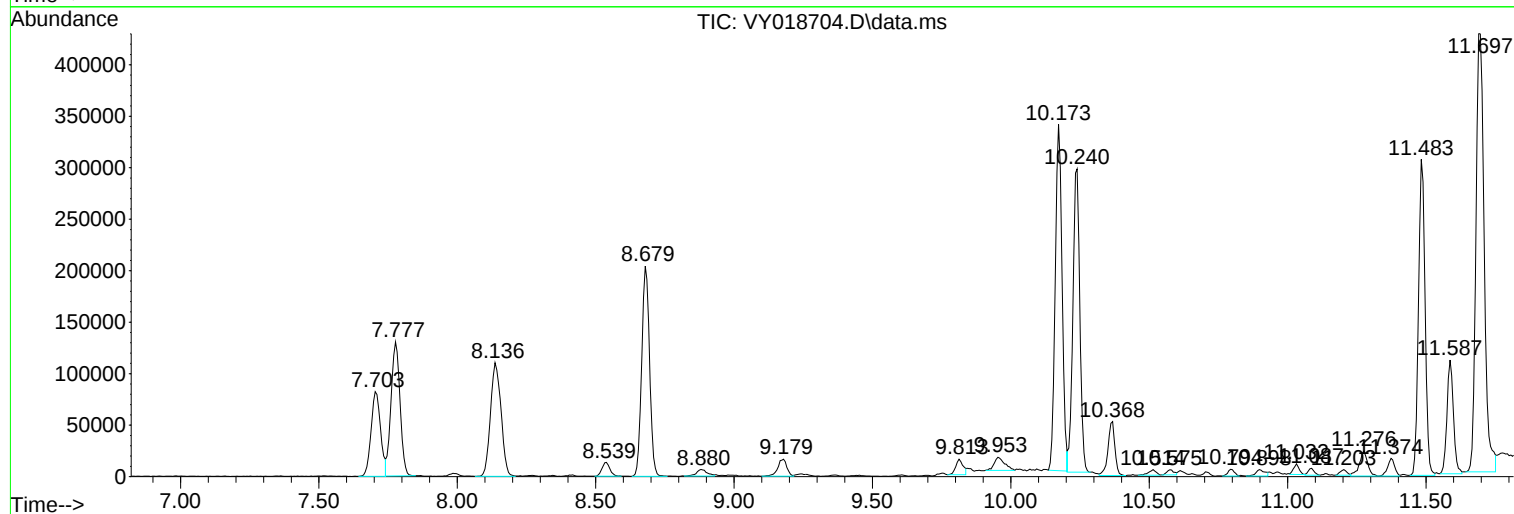
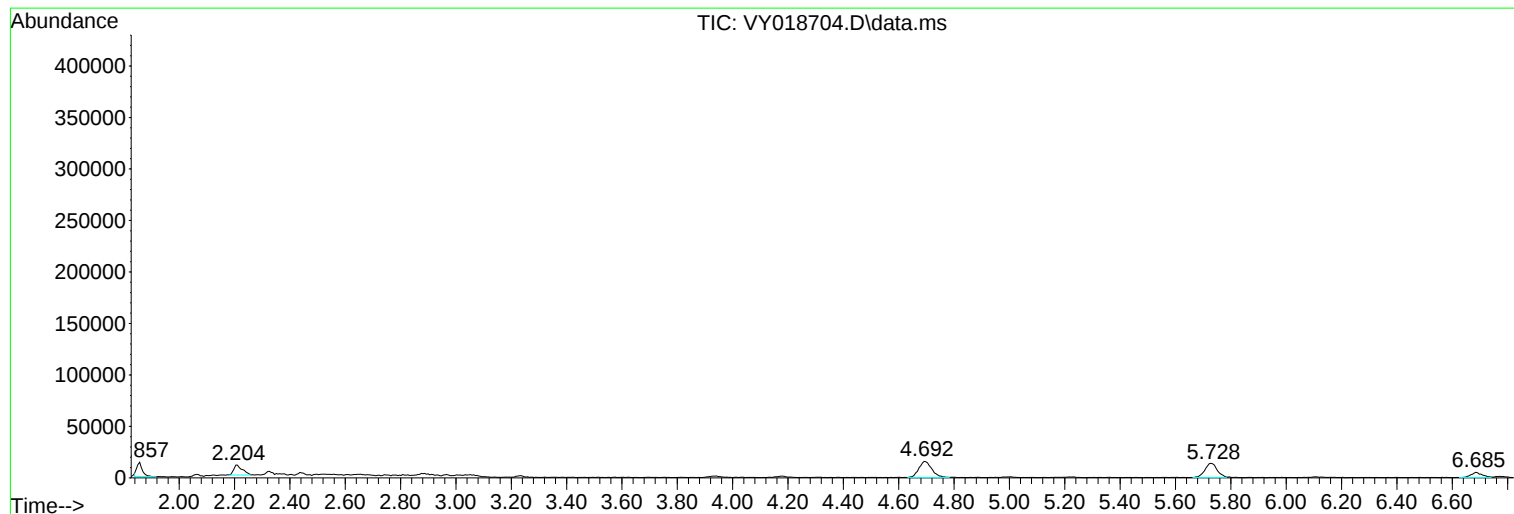
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

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



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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

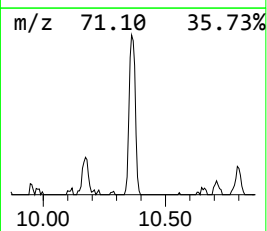
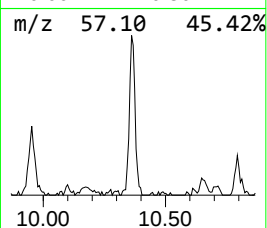
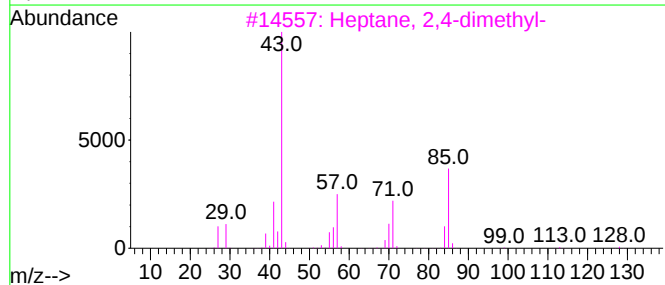
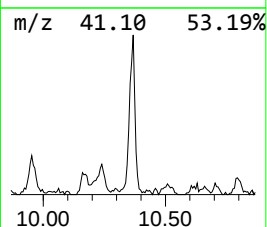
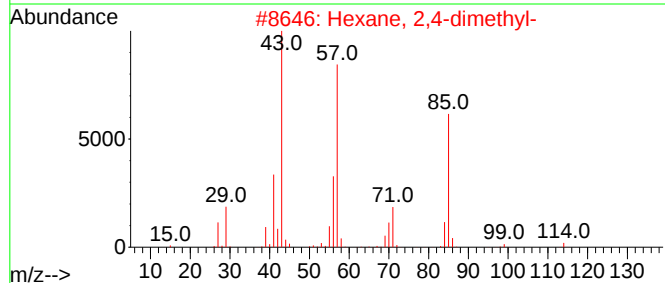
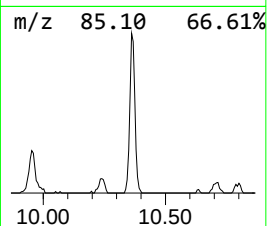
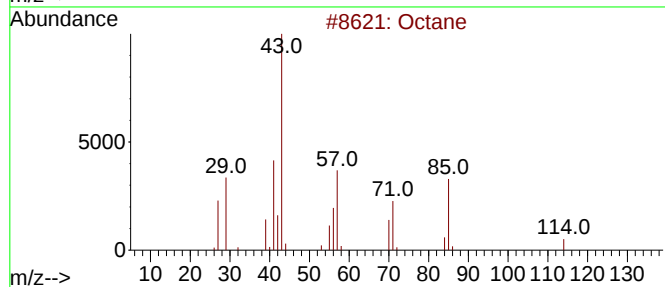
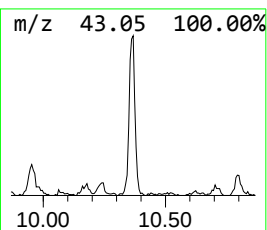
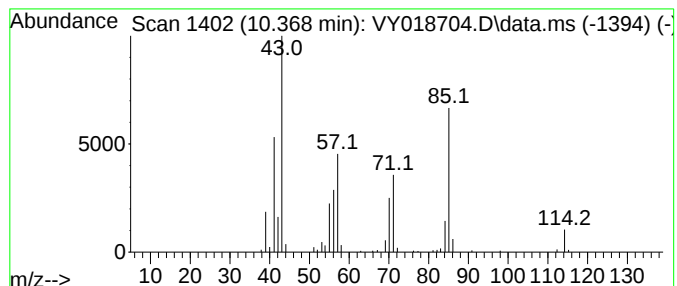
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	8.97 ug/l	90633	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	64
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	59
4	Undecane, 2,4-dimethyl-			184	C13H28	017312-80-0	53
5	Heptane, 4,4-dimethyl-			128	C9H20	001068-19-5	50



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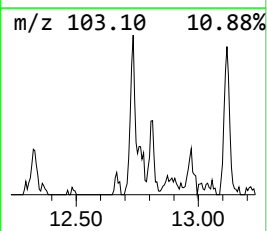
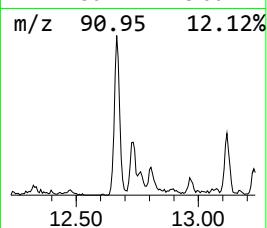
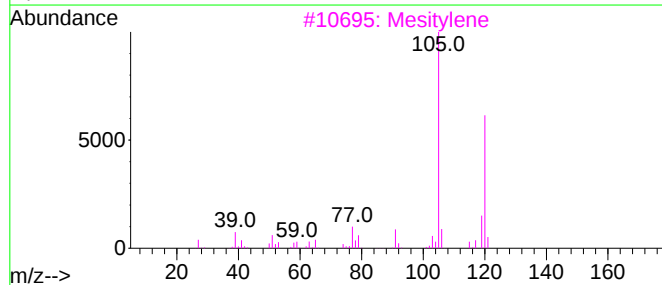
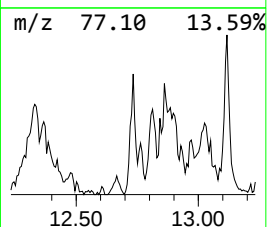
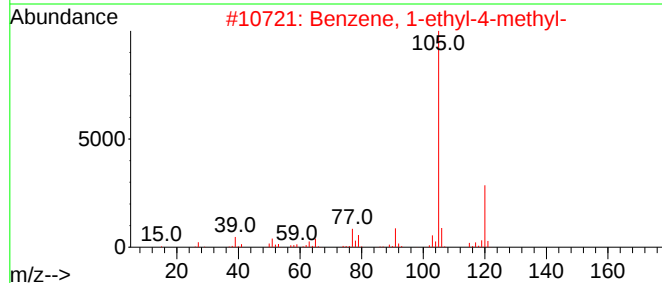
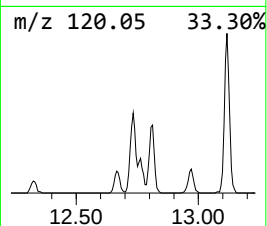
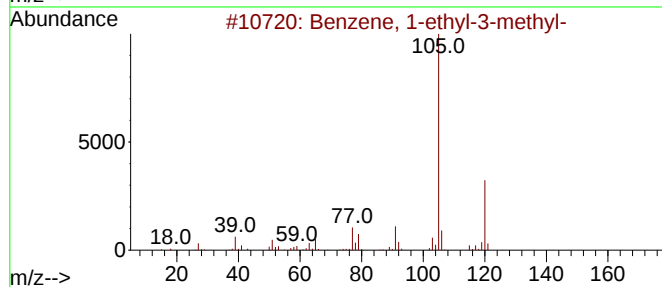
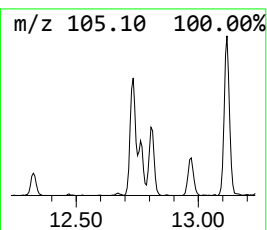
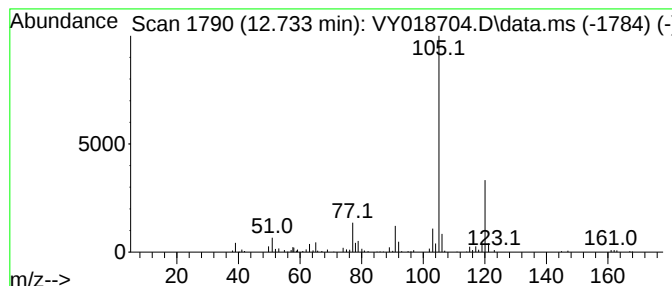
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	10.56 ug/l	106969	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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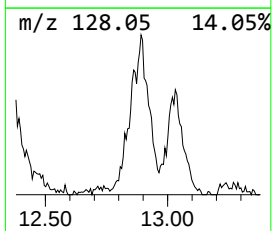
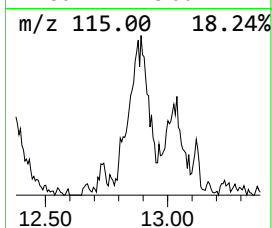
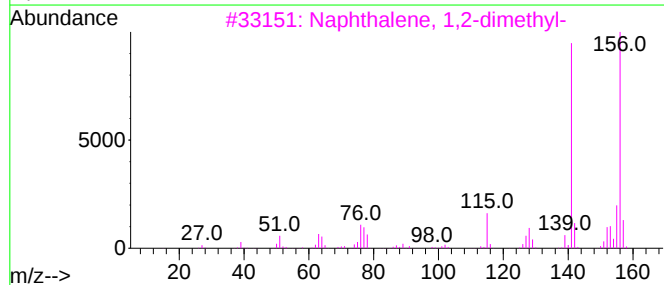
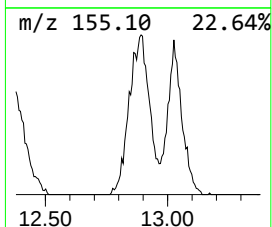
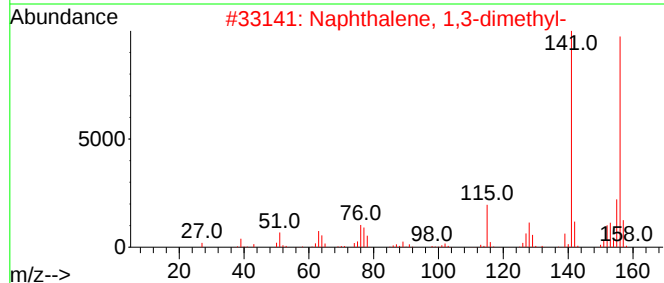
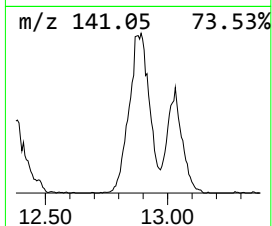
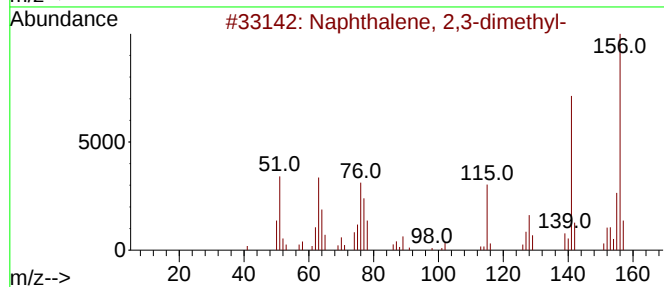
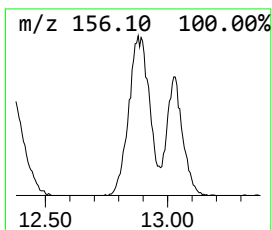
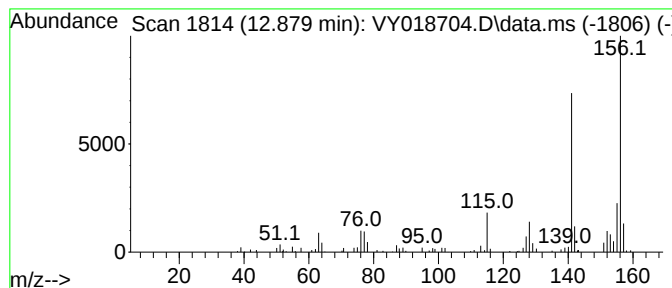
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	10.02 ug/l	101455	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



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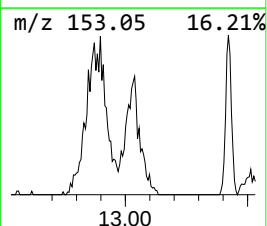
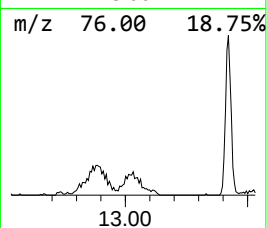
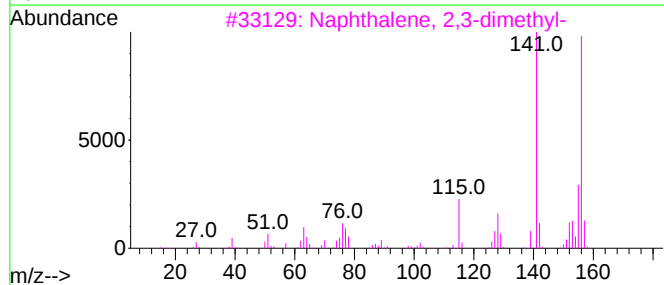
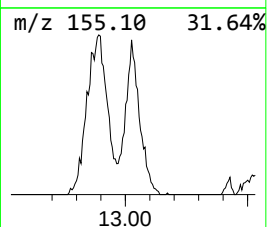
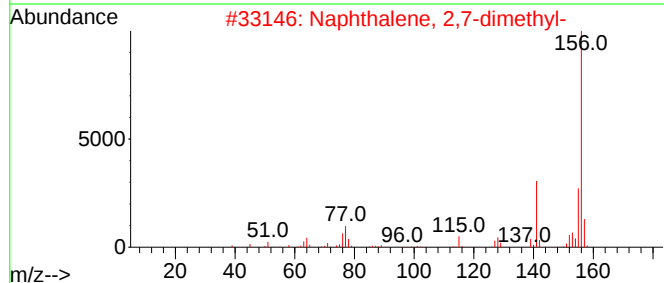
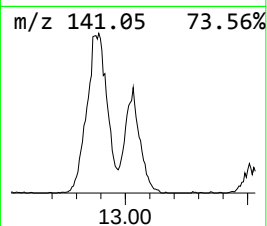
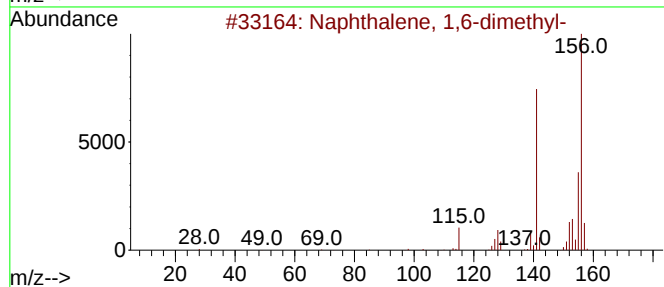
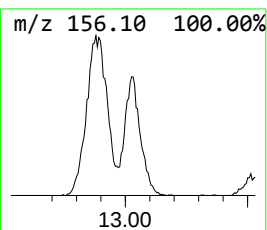
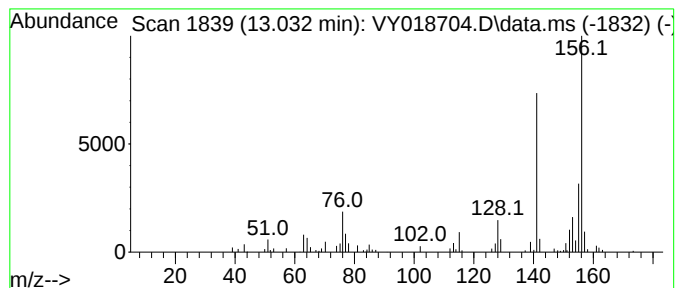
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.032	17.55 ug/l	177811	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

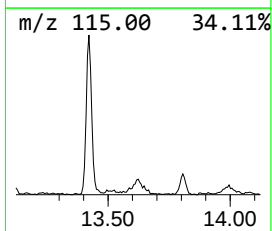
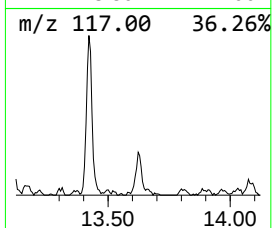
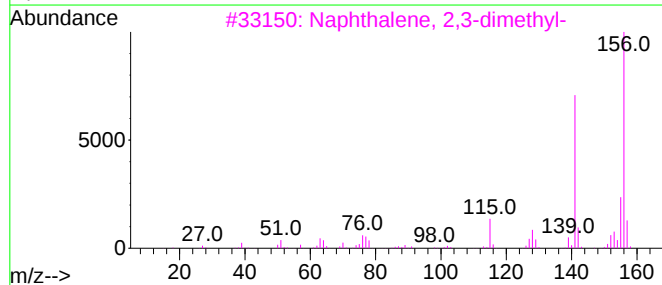
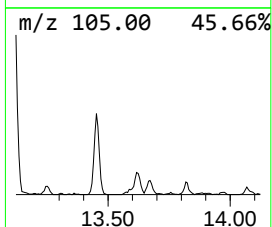
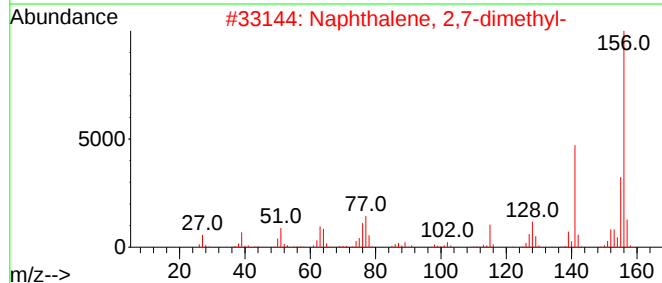
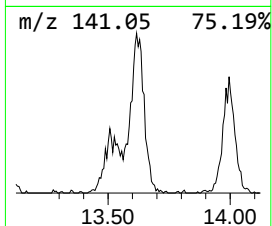
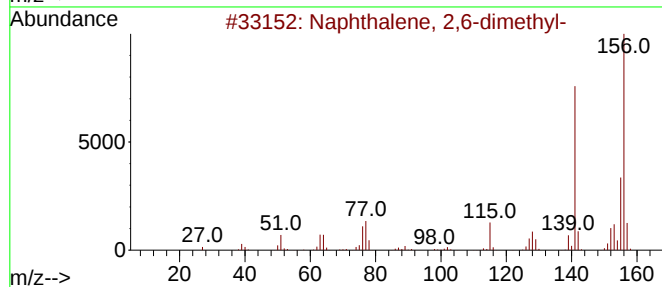
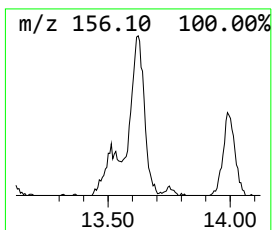
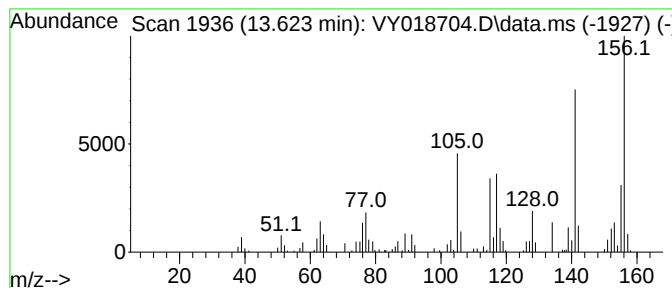
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	18.08 ug/l	183146	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

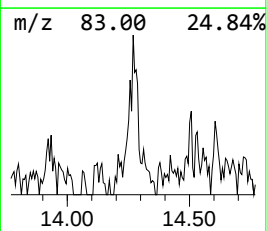
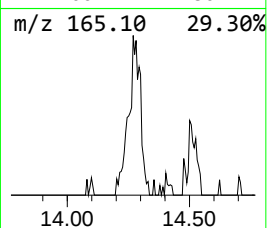
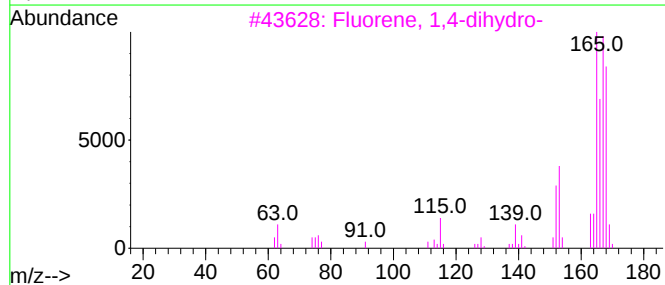
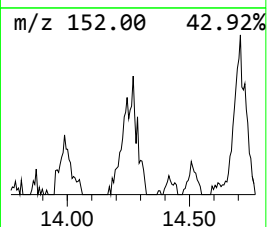
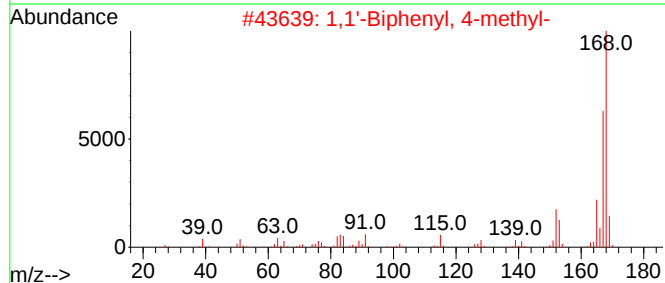
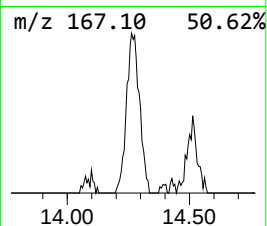
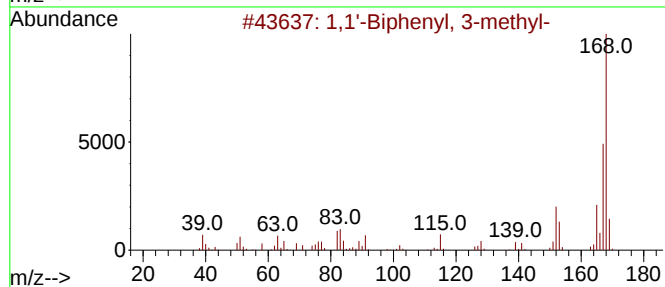
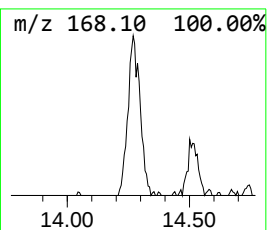
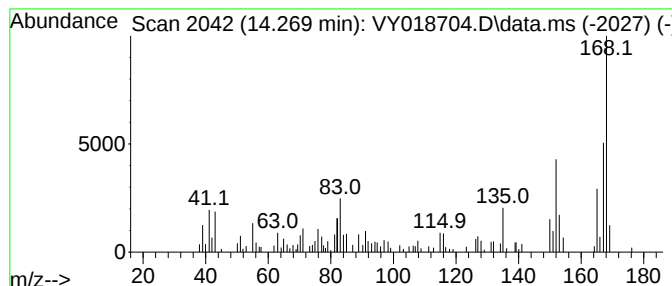
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Quant Title : SW846 8260

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

Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	11.97 ug/l	121258	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
3			Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	46
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

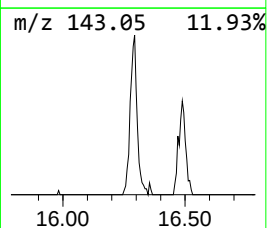
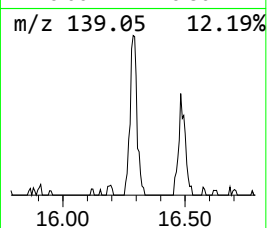
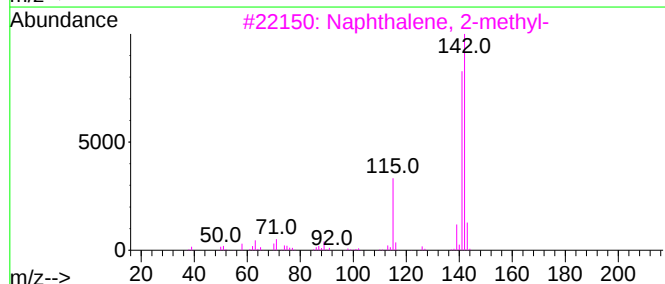
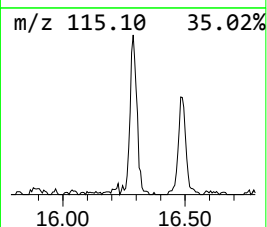
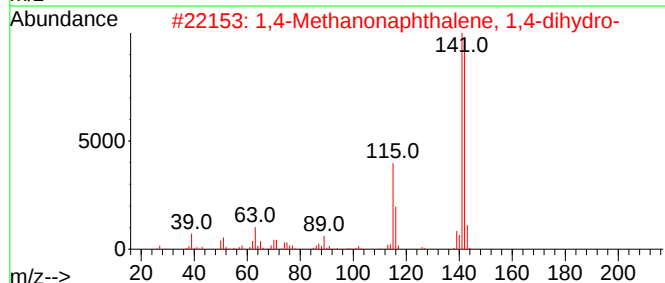
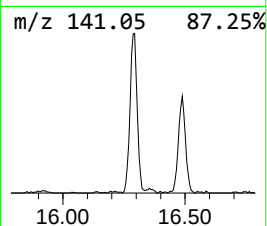
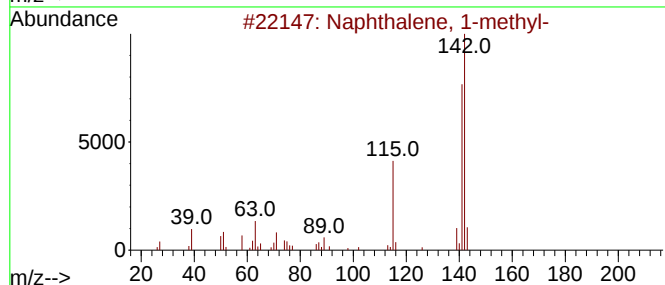
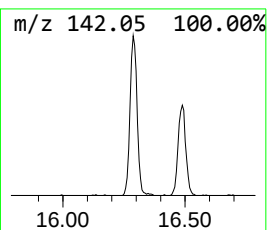
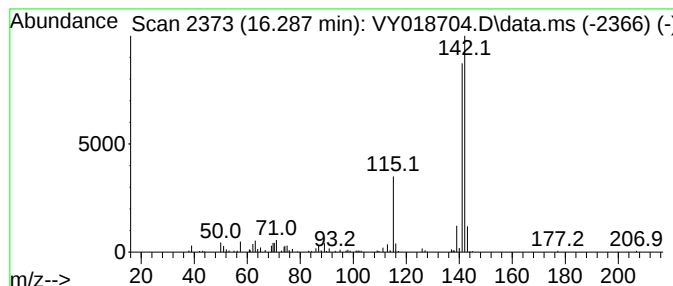
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	10.51 ug/l	106411	1,4-Dichlorobenzene-d4	13.422

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

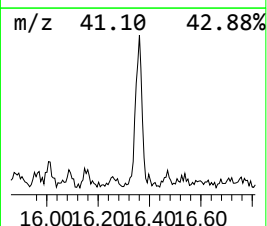
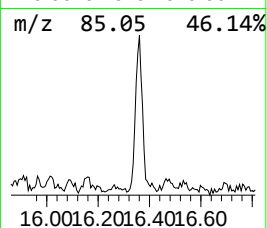
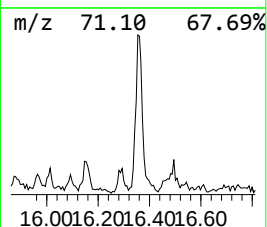
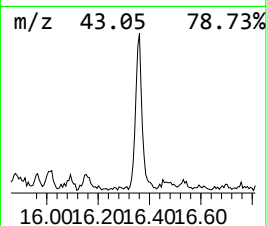
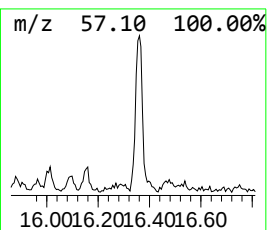
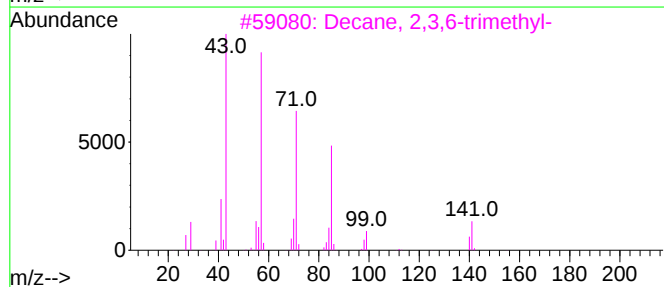
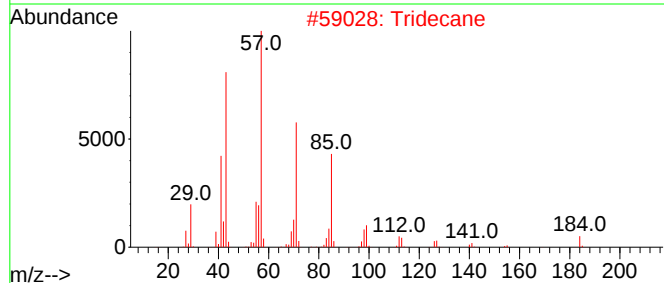
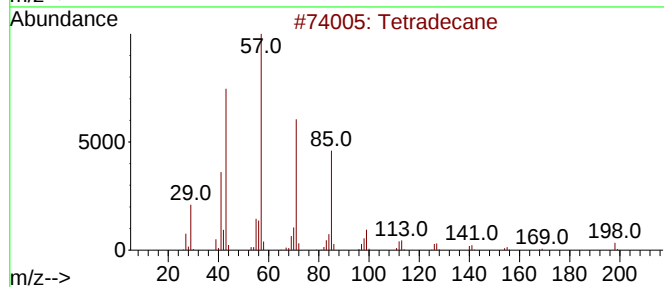
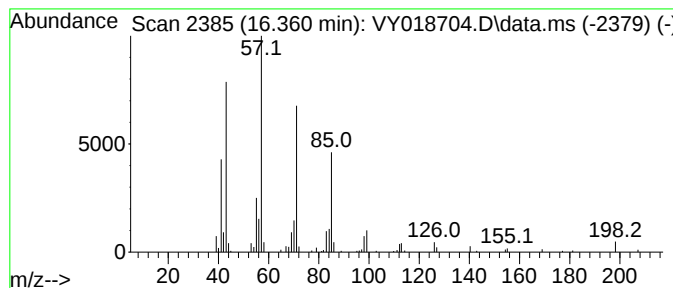
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	10.84 ug/l	109754	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tridecane	184	C13H28	000629-50-5	83
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	78
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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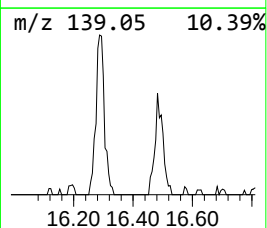
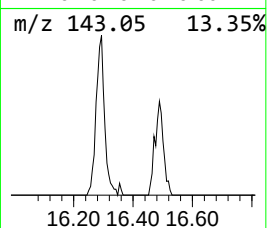
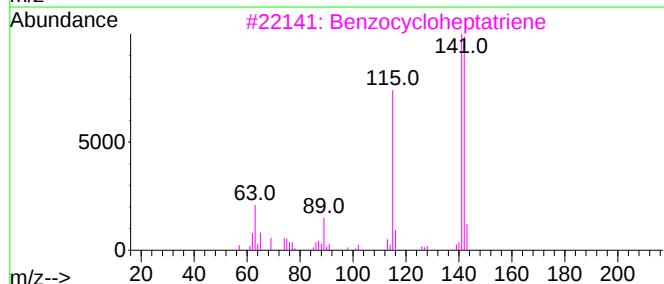
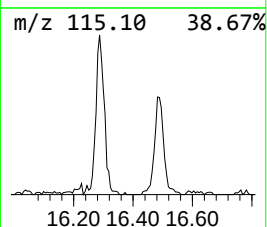
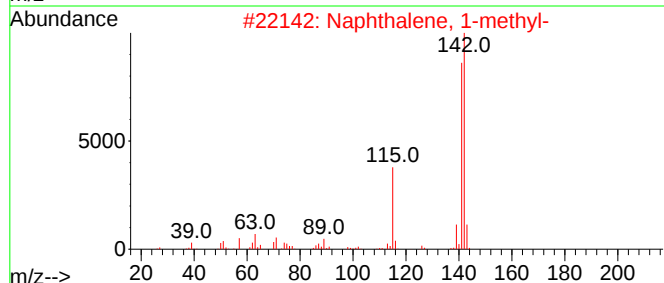
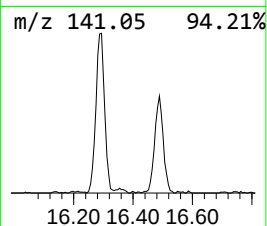
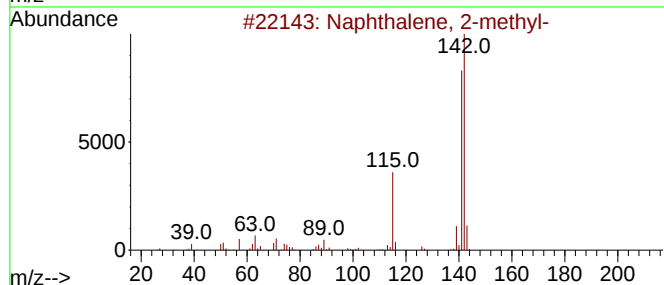
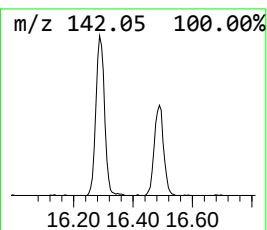
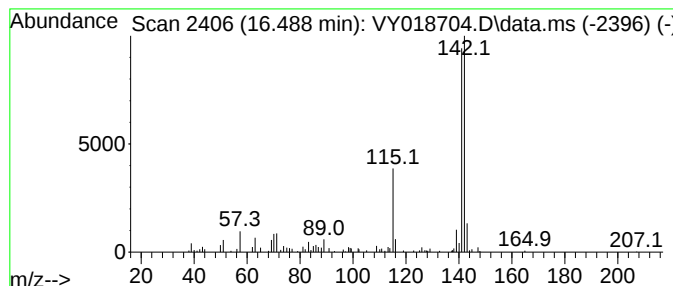
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	9.41 ug/l	95305	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.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-ethy...	12.733	10.6	ug/l	106969	4	13.422	506477	50.0
Naphthalene, 2,...	12.879	10.0	ug/l	101455	4	13.422	506477	50.0
Naphthalene, 1,...	13.032	17.6	ug/l	177811	4	13.422	506477	50.0
Naphthalene, 2,...	13.623	18.1	ug/l	183146	4	13.422	506477	50.0
1,1'-Biphenyl, ...	14.269	12.0	ug/l	121258	4	13.422	506477	50.0
Naphthalene, 1-...	16.287	10.5	ug/l	106411	4	13.422	506477	50.0
Tetradecane	16.360	10.8	ug/l	109754	4	13.422	506477	50.0
Naphthalene, 2-...	16.488	9.4	ug/l	95305	4	13.422	506477	50.0