

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022951.D
 Acq On : 07 Jul 2025 11:41
 Operator : SY/MD
 Sample : Q2513-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-2-070325

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\82Y062325S.M
 Title : SW846 8260

Signal : TIC: VY022951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	465	475	488	rVB	33163	102980	4.95%	0.572%
2	5.653	633	645	659	rVB3	23653	77430	3.73%	0.430%
3	7.634	960	970	976	rBV	277256	662157	31.86%	3.680%
4	7.707	976	982	999	rVB	438638	1018758	49.01%	5.661%
5	8.061	1031	1040	1052	rBV	237962	538822	25.92%	2.994%
6	8.616	1121	1131	1146	rBV	758855	1490501	71.71%	8.283%
7	10.103	1368	1375	1384	rBV	1219235	2078529	100.00%	11.550%
8	11.414	1581	1590	1603	rBV	1289844	2024156	97.38%	11.248%
9	11.639	1616	1627	1635	rBV9	9543	31672	1.52%	0.176%
10	11.926	1667	1674	1677	rBV6	11196	25024	1.20%	0.139%
11	12.402	1746	1752	1764	rVB	997632	1542800	74.23%	8.573%
12	12.566	1775	1779	1786	rVB9	15996	35951	1.73%	0.200%
13	12.645	1786	1792	1796	rBV6	14323	35847	1.72%	0.199%
14	12.731	1796	1806	1810	rVV5	84403	167574	8.06%	0.931%
15	12.786	1811	1815	1820	rVB4	21212	35451	1.71%	0.197%
16	12.871	1820	1829	1833	rBV6	18902	46165	2.22%	0.257%
17	12.962	1840	1844	1850	rVB	52377	81756	3.93%	0.454%
18	13.090	1861	1865	1870	rBV4	18752	32142	1.55%	0.179%
19	13.237	1881	1889	1893	rBV7	58262	132744	6.39%	0.738%
20	13.286	1893	1897	1900	rVV3	37489	59088	2.84%	0.328%
21	13.340	1900	1906	1915	rVV	1213601	1923947	92.56%	10.691%
22	13.420	1916	1919	1923	rVB3	25196	33004	1.59%	0.183%
23	13.542	1935	1939	1942	rVB	31276	45193	2.17%	0.251%
24	13.584	1942	1946	1954	rVB2	57598	98936	4.76%	0.550%
25	13.670	1954	1960	1964	rBV3	160497	276578	13.31%	1.537%
26	13.712	1964	1967	1969	rBV2	20457	23803	1.15%	0.132%
27	13.834	1982	1987	1991	rBV7	41278	85086	4.09%	0.473%
28	13.889	1992	1996	2000	rVV2	114321	159379	7.67%	0.886%
29	13.932	2000	2003	2008	rVB4	36484	55511	2.67%	0.308%
30	13.993	2008	2013	2018	rBV3	113511	178933	8.61%	0.994%
31	14.054	2018	2023	2030	rBV6	49821	136194	6.55%	0.757%
32	14.127	2030	2035	2037	rBV5	28678	59733	2.87%	0.332%
33	14.169	2037	2042	2047	rBV7	108600	181594	8.74%	1.009%
34	14.298	2059	2063	2066	rBV	105866	152876	7.36%	0.850%
35	14.334	2066	2069	2074	rVV2	125595	176505	8.49%	0.981%
36	14.389	2076	2078	2081	rVV3	36463	51688	2.49%	0.287%

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37	14.432	2083	2085	2089	rVB2	45380	58124	2.80%	0.323%
38	14.529	2097	2101	2105	rVB2	113913	149883	7.21%	0.833%
39	14.590	2105	2111	2117	rBV4	139250	337076	16.22%	1.873%
40	14.645	2117	2120	2127	rVB3	122478	212405	10.22%	1.180%
41	14.700	2127	2129	2132	rBV2	15558	25247	1.21%	0.140%
42	14.749	2133	2137	2141	rVB2	49851	79554	3.83%	0.442%
43	14.858	2150	2155	2158	rBV2	118337	183609	8.83%	1.020%
44	14.889	2158	2160	2167	rVV3	73697	118372	5.69%	0.658%
45	14.962	2167	2172	2181	rVB2	123845	275910	13.27%	1.533%
46	15.114	2192	2197	2201	rBV4	69971	136691	6.58%	0.760%
47	15.194	2206	2210	2215	rBV	109180	159297	7.66%	0.885%
48	15.273	2215	2223	2224	rBV5	93693	212348	10.22%	1.180%
49	15.334	2230	2233	2241	rVB4	65105	118626	5.71%	0.659%
50	15.425	2241	2248	2255	rBV6	47959	143648	6.91%	0.798%
51	15.499	2257	2260	2265	rVV4	34850	58211	2.80%	0.323%
52	15.578	2266	2273	2277	rVV5	71795	198255	9.54%	1.102%
53	15.620	2277	2280	2288	rVV2	129526	228917	11.01%	1.272%
54	15.712	2290	2295	2300	rVV6	42020	93012	4.47%	0.517%
55	15.779	2300	2306	2319	rVB6	77086	266699	12.83%	1.482%
56	15.925	2323	2330	2335	rBV3	114783	238966	11.50%	1.328%
57	16.114	2353	2361	2366	rVV2	162208	334184	16.08%	1.857%
58	16.175	2366	2371	2376	rVB2	48659	84187	4.05%	0.468%
59	16.376	2396	2404	2408	rBV4	49881	143484	6.90%	0.797%
60	16.425	2409	2412	2417	rVV3	45205	77481	3.73%	0.431%
61	16.504	2419	2425	2434	rVB4	48339	124805	6.00%	0.694%
62	16.706	2451	2458	2466	rVB8	23133	78204	3.76%	0.435%

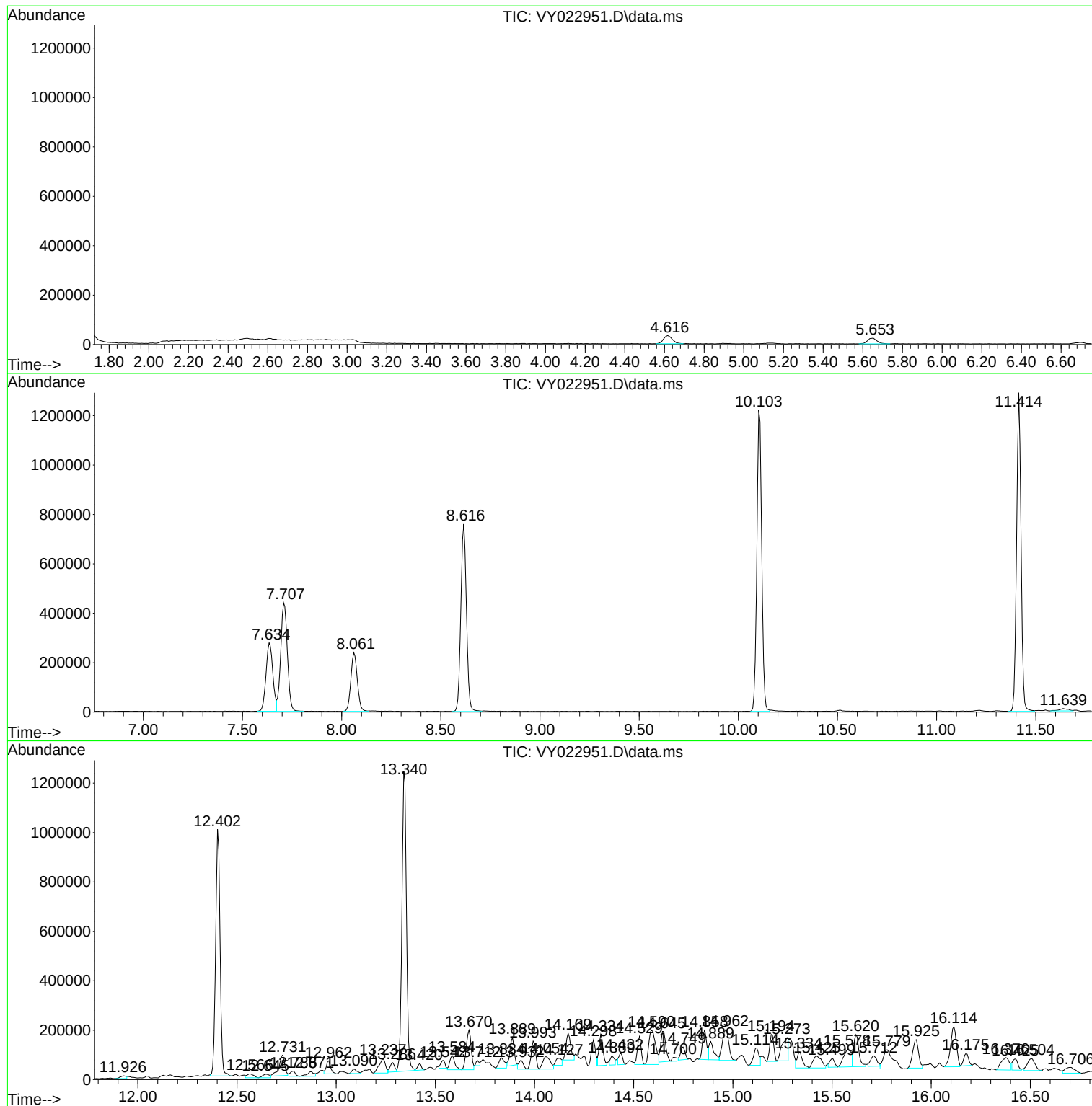
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_Y
ClientSampleId :
HR-2-070325

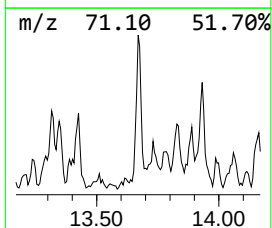
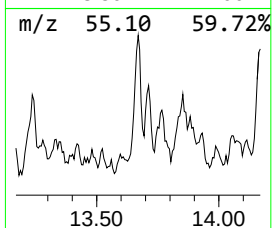
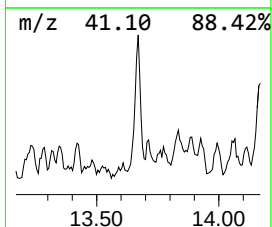
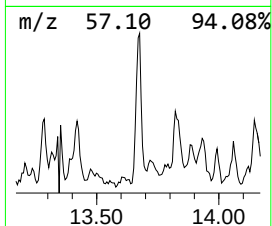
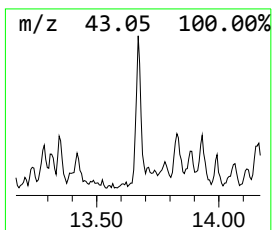
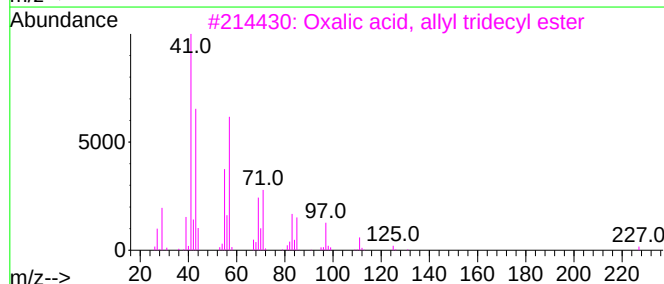
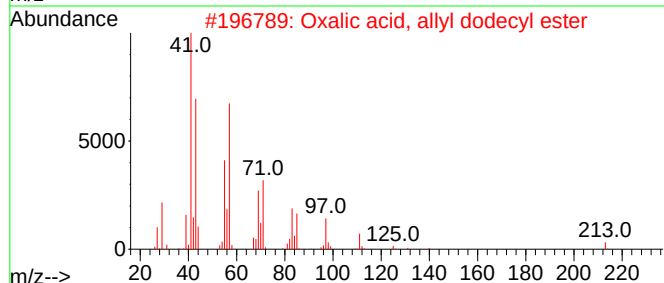
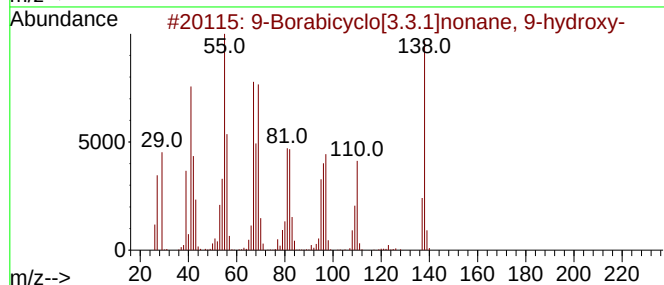
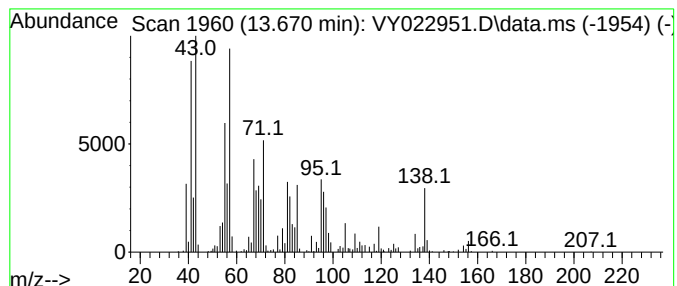
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.670 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	7.19 ug/l	276578	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	46		
2	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	35		
3	Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	35		
4	Undecane	156	C11H24	001120-21-4	30		
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	22		



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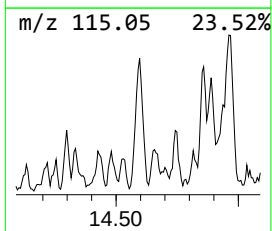
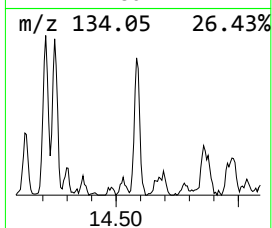
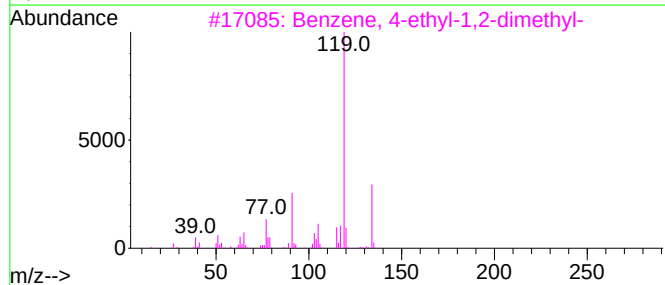
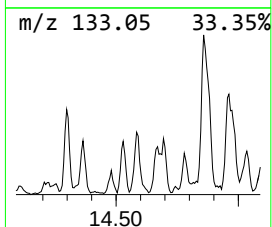
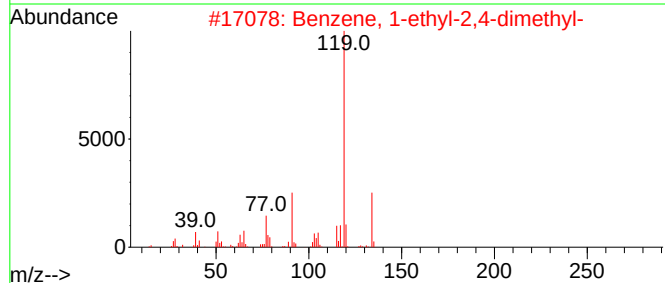
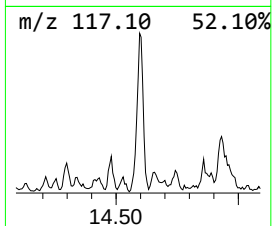
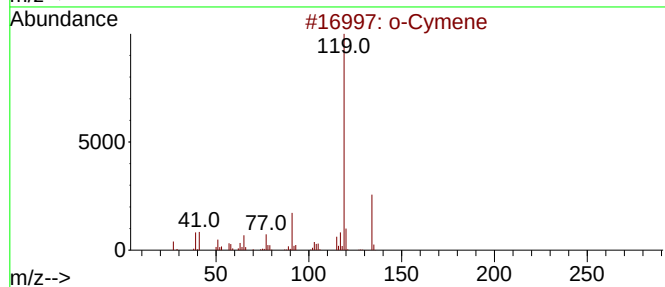
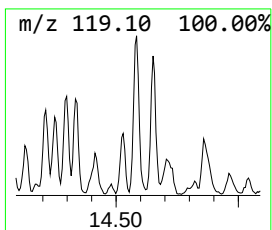
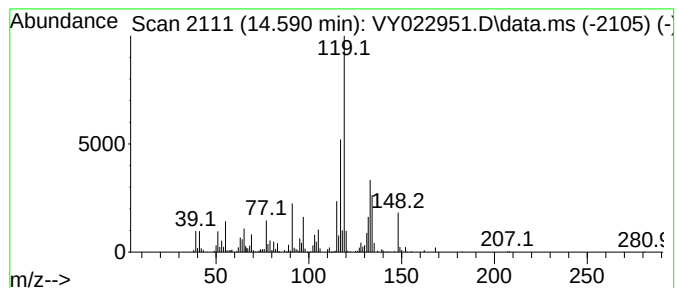
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	8.76 ug/l	337076	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	50
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50



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ALS Vial : 7 Sample Multiplier: 1

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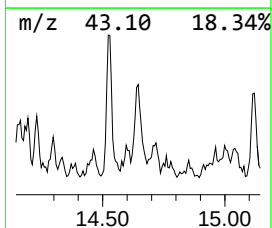
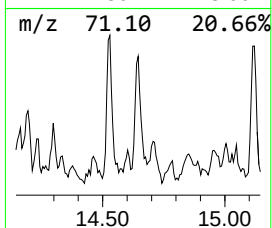
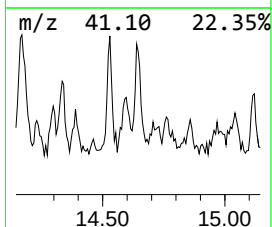
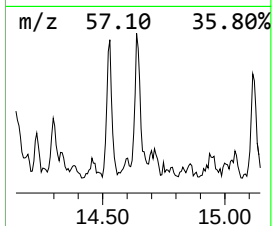
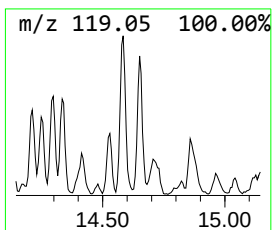
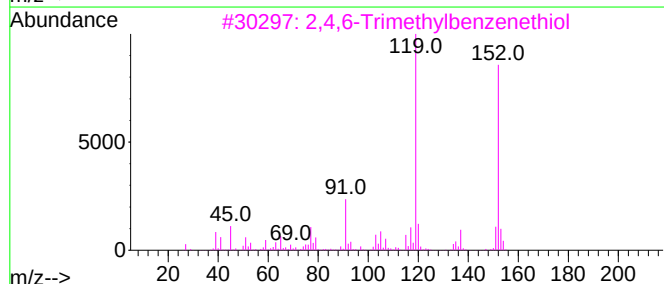
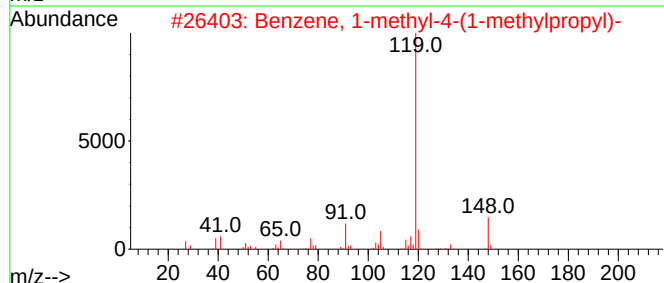
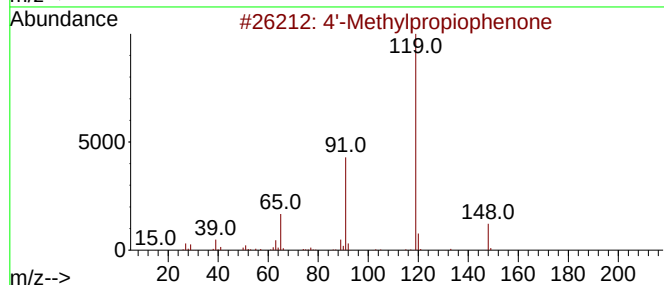
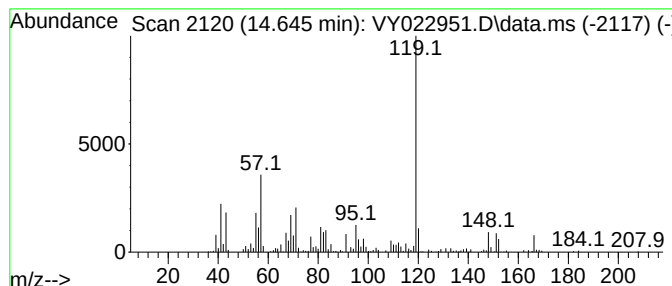
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4'-Methylpropiophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	5.52 ug/l	212405	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4'-Methylpropiophenone	148	C10H12O	005337-93-9	50
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3			2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	49
4			Imidazo[1,2-b]pyridazine	119	C6H5N3	000766-55-2	43
5			2,5-Pyrrolidinone, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	43



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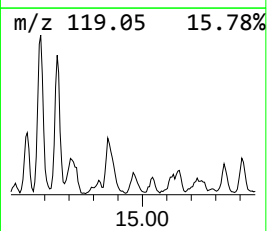
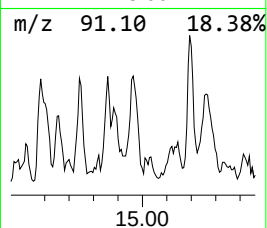
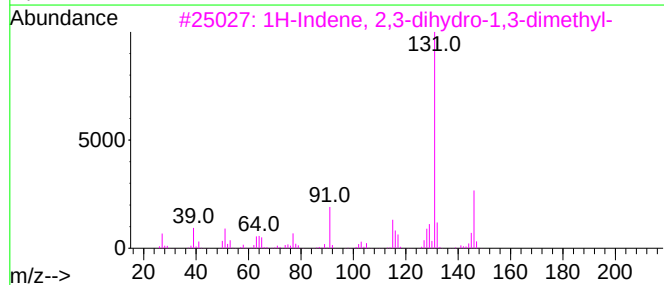
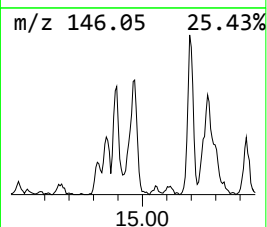
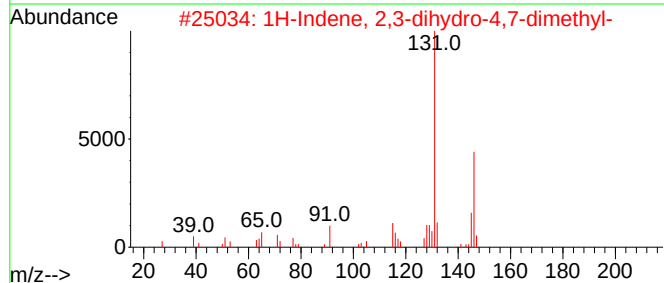
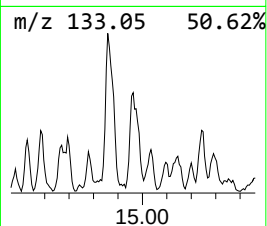
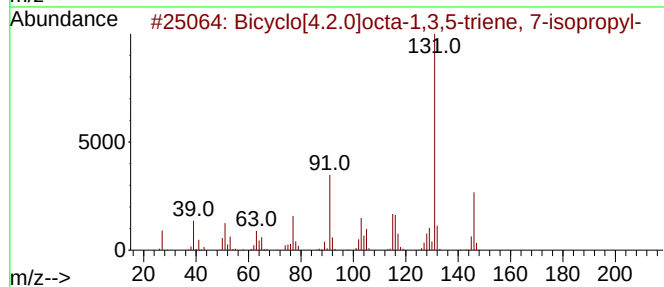
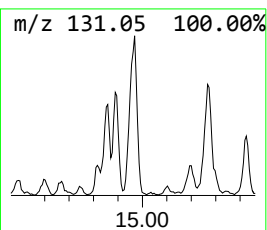
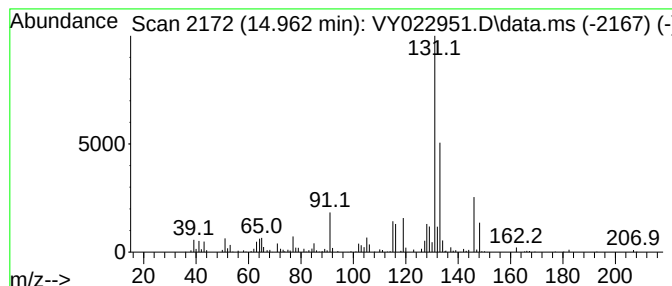
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Quant Title : SW846 8260

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

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.962	7.17 ug/l	275910	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



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ClientSampleId :
HR-2-070325

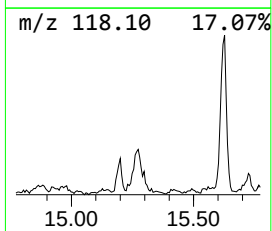
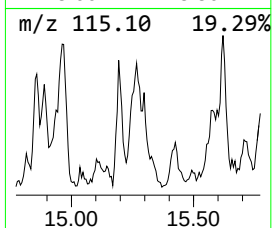
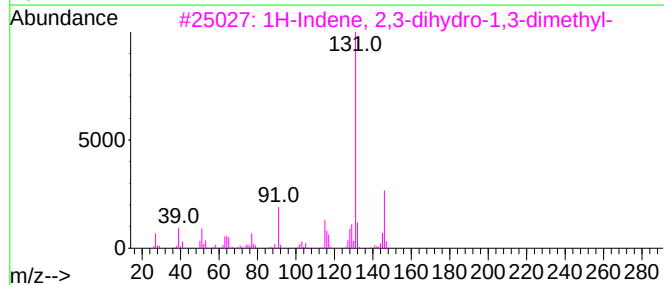
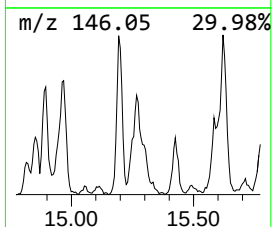
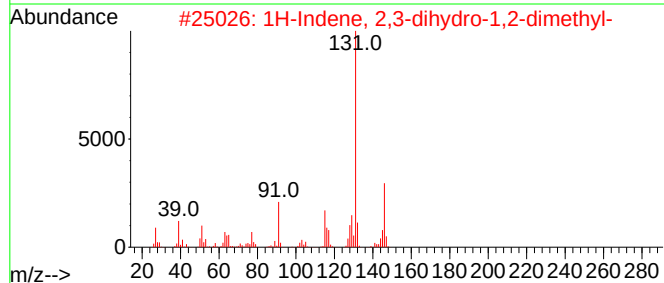
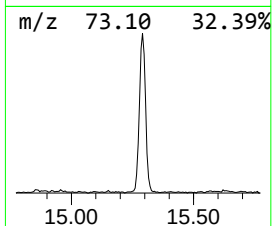
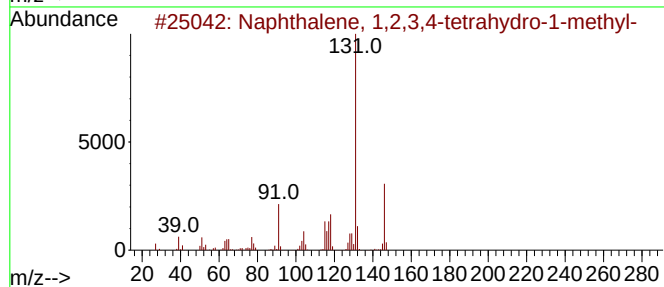
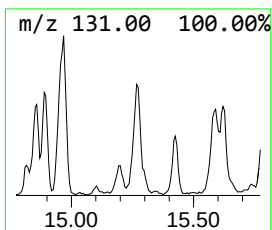
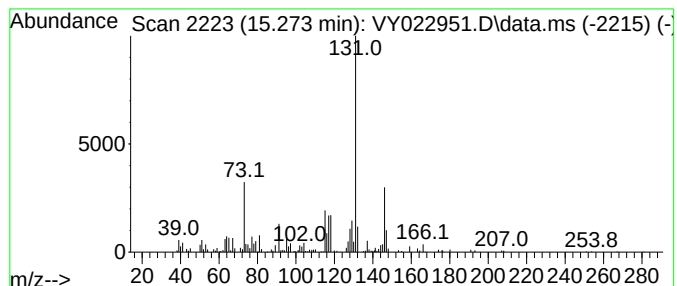
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	5.52 ug/l	212348	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	74
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

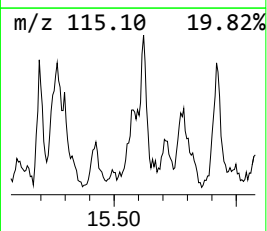
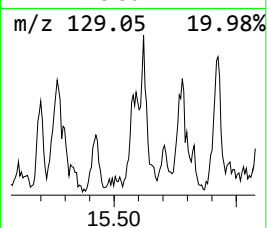
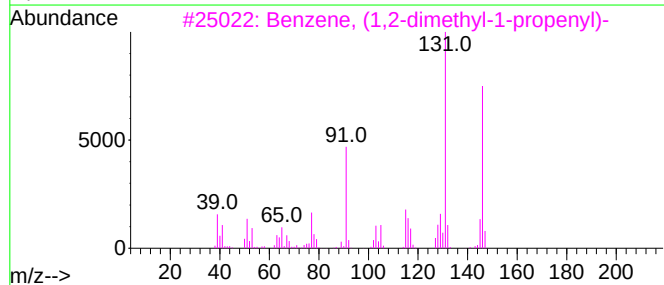
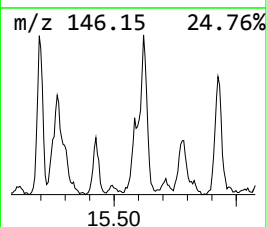
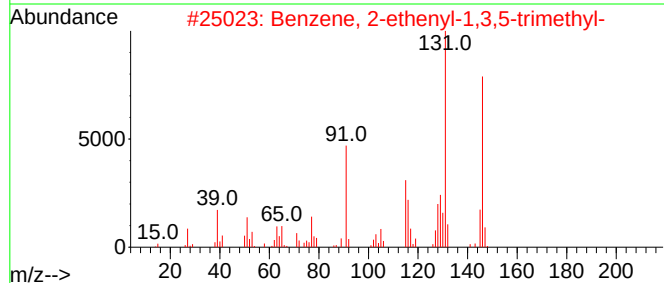
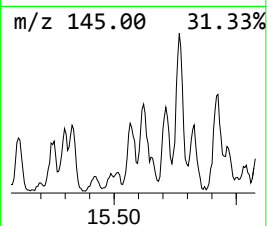
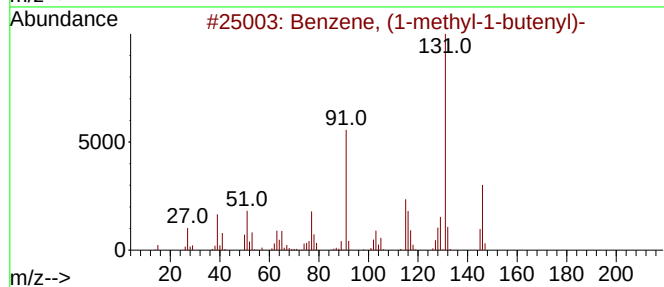
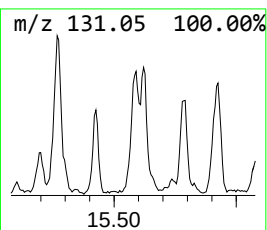
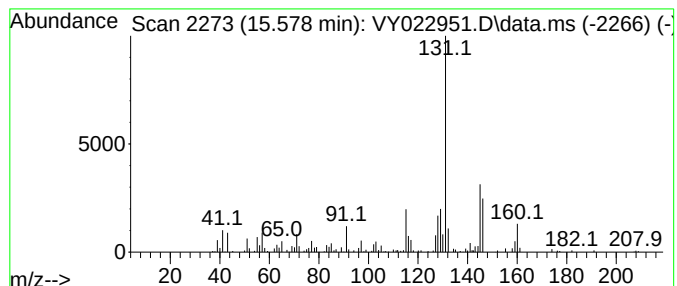
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.578	5.15 ug/l	198255	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

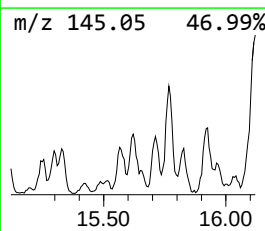
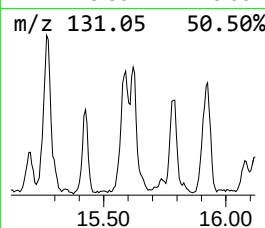
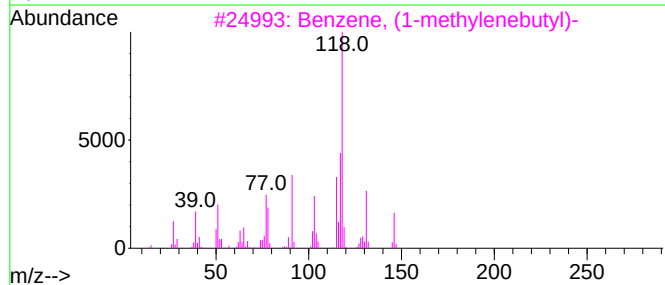
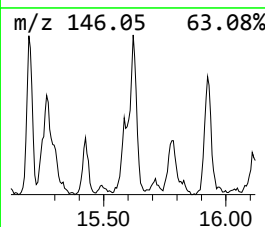
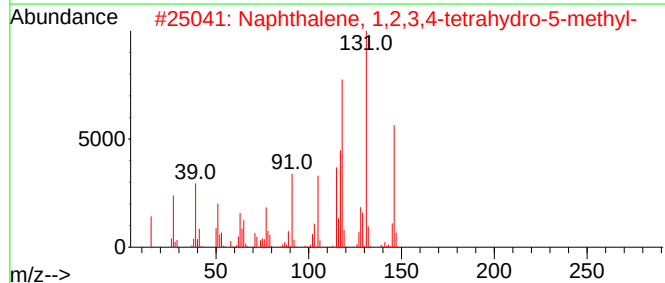
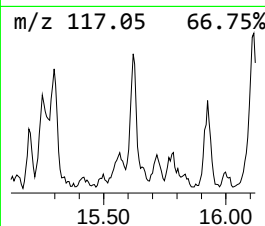
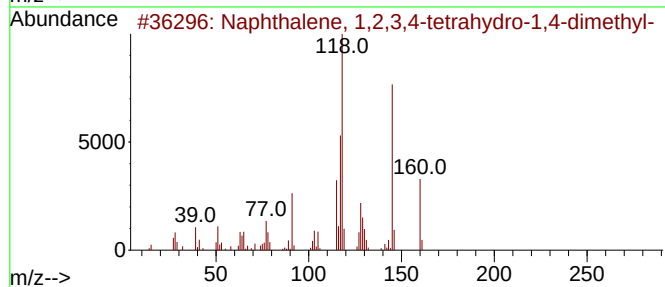
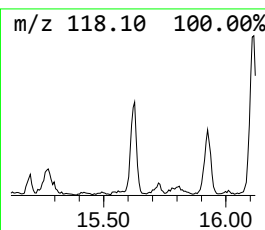
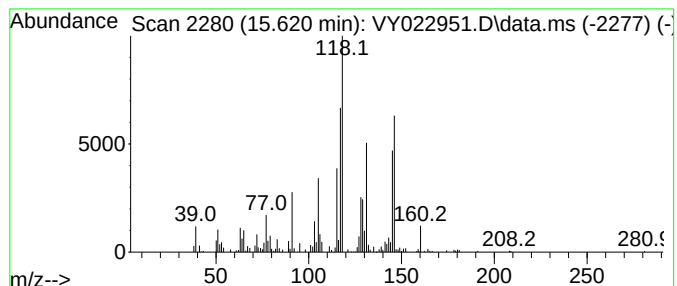
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	5.95 ug/l	228917	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	53
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
5			Pyridine, 3-(3,4-dihydro-2H-pyrr...	146	C9H10N2	000532-12-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

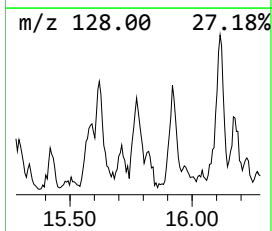
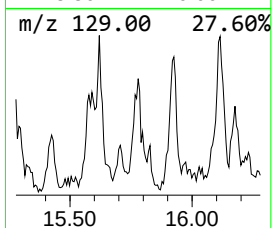
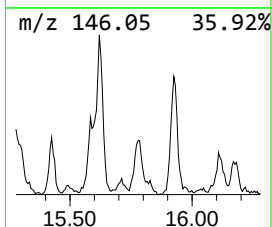
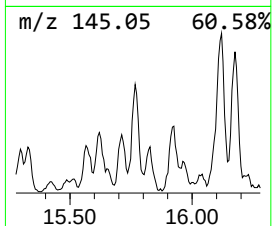
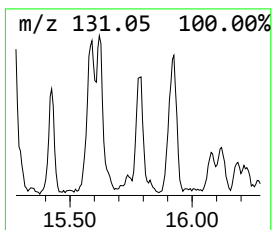
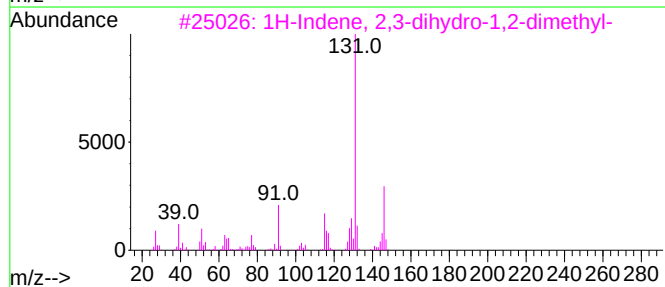
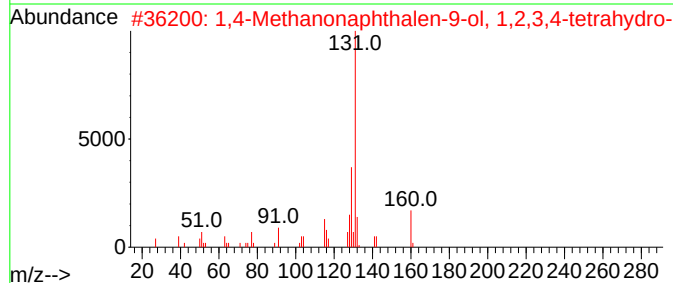
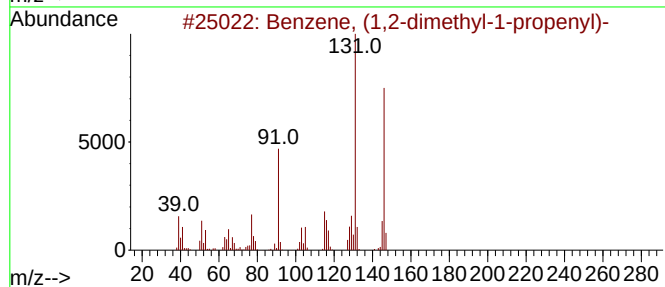
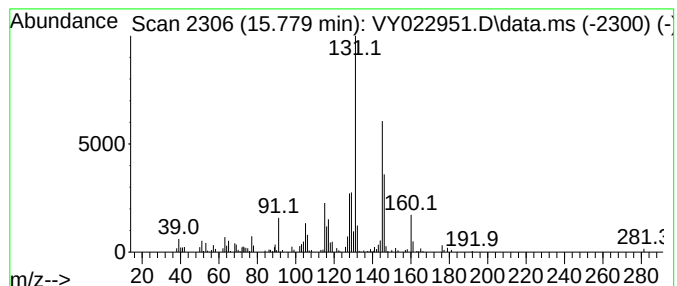
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.779	6.93 ug/l	266699	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
2			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	64
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
5			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

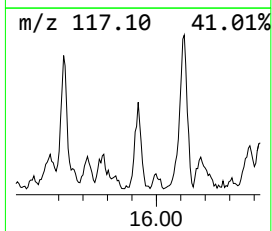
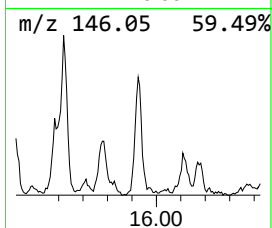
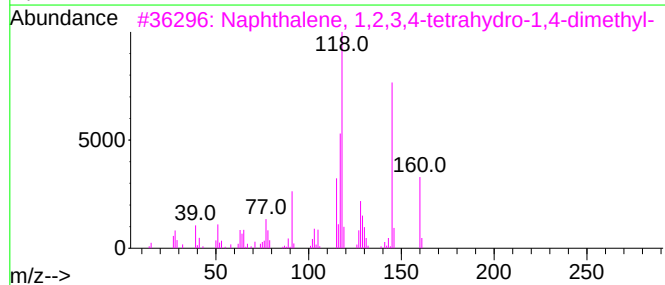
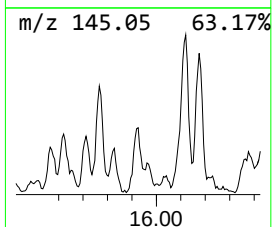
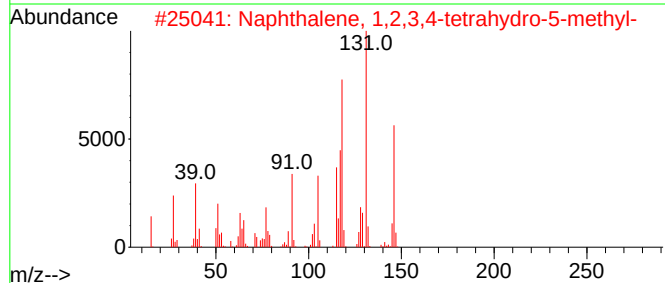
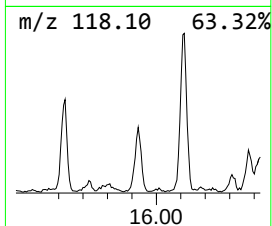
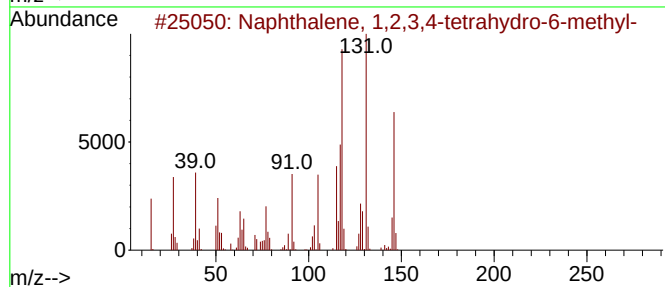
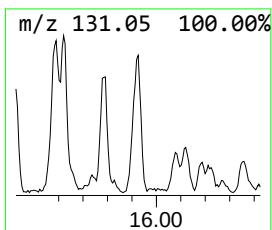
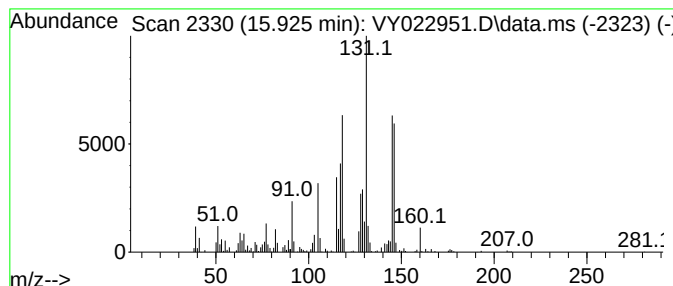
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	6.21 ug/l	238966	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

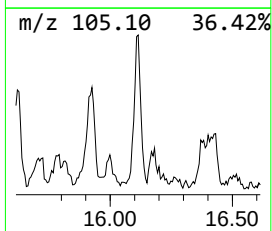
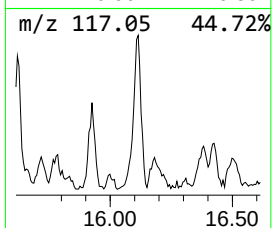
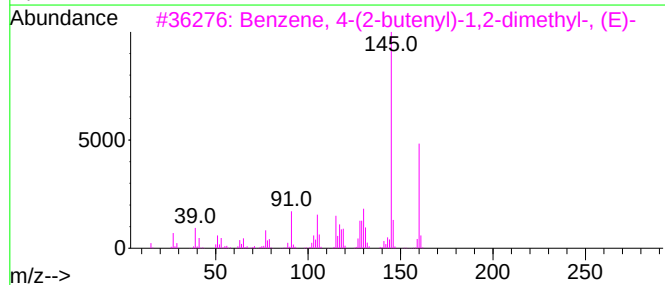
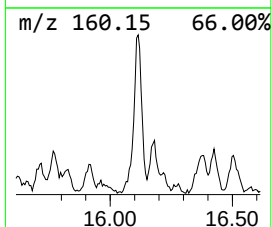
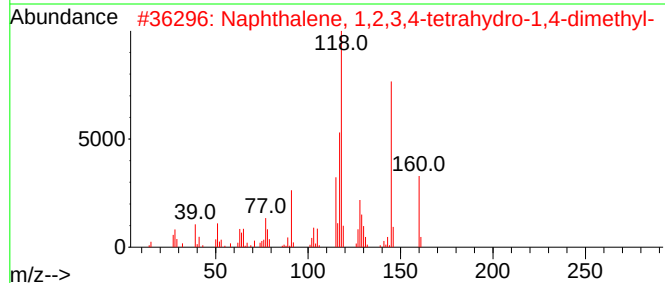
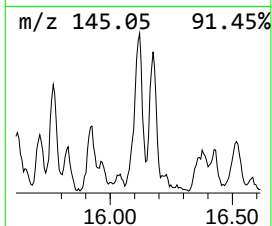
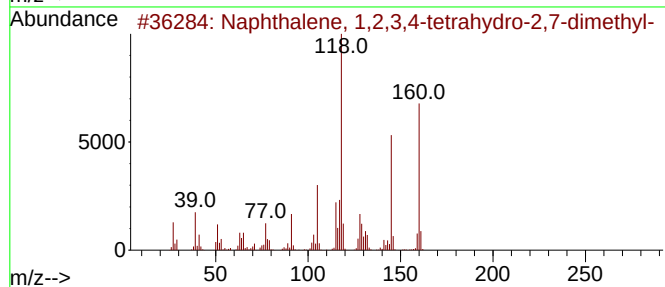
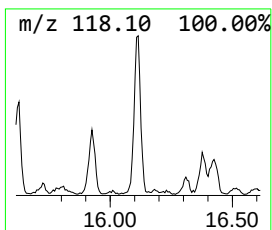
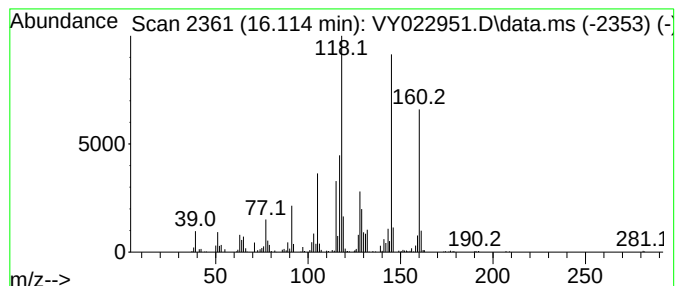
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.114	8.68 ug/l	334184	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
5			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022951.D
Acq On : 07 Jul 2025 11:41
Operator : SY/MD
Sample : Q2513-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-070325

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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o-Cymene	14.590	8.8	ug/l	337076	4	13.347	1923950	50.0
4'-Methylpropio...	14.645	5.5	ug/l	212405	4	13.347	1923950	50.0
Bicyclo[4.2.0]o...	14.962	7.2	ug/l	275910	4	13.347	1923950	50.0
Naphthalene, 1,...	15.273	5.5	ug/l	212348	4	13.347	1923950	50.0
Benzene, (1-met...	15.578	5.2	ug/l	198255	4	13.347	1923950	50.0
Naphthalene, 1,...	15.621	6.0	ug/l	228917	4	13.347	1923950	50.0
Benzene, (1,2-d...	15.779	6.9	ug/l	266699	4	13.347	1923950	50.0
Naphthalene, 1,...	15.925	6.2	ug/l	238966	4	13.347	1923950	50.0
Naphthalene, 1,...	16.114	8.7	ug/l	334184	4	13.347	1923950	50.0