

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021350.D
 Acq On : 27 Feb 2025 12:04
 Operator : SY/MD
 Sample : Q1428-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-022525

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\82Y022525S.M
 Title : SW846 8260

Signal : TIC: VY021350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	466	474	486	rBV3	6525	19350	5.27%	0.571%
2	5.641	638	643	651	rVB6	2395	6112	1.67%	0.180%
3	6.896	837	849	855	rBV2	1920	6406	1.75%	0.189%
4	7.634	960	970	975	rBV	53717	128949	35.14%	3.804%
5	7.707	975	982	997	rVB	97728	227851	62.08%	6.722%
6	8.061	1030	1040	1053	rBV	46459	107926	29.41%	3.184%
7	8.610	1121	1130	1141	rBV	141684	283669	77.29%	8.368%
8	10.103	1367	1375	1383	rBV	217897	367006	100.00%	10.827%
9	10.170	1383	1386	1393	rVB2	4732	7755	2.11%	0.229%
10	10.877	1496	1502	1508	rBV5	2323	4598	1.25%	0.136%
11	11.213	1551	1557	1565	rVB7	2390	5581	1.52%	0.165%
12	11.414	1581	1590	1602	rBV	180471	302024	82.29%	8.910%
13	11.633	1615	1626	1635	rBV6	7205	19435	5.30%	0.573%
14	11.956	1670	1679	1685	rVB5	4072	9185	2.50%	0.271%
15	12.408	1746	1753	1765	rVB	125650	201192	54.82%	5.935%
16	12.591	1779	1783	1789	rVB2	2478	4144	1.13%	0.122%
17	12.658	1789	1794	1798	rBV3	8361	15229	4.15%	0.449%
18	12.731	1802	1806	1811	rVV3	16098	26913	7.33%	0.794%
19	12.895	1824	1833	1837	rBV3	5684	10760	2.93%	0.317%
20	12.962	1840	1844	1849	rVV7	3236	4426	1.21%	0.131%
21	13.042	1852	1857	1862	rVB	24954	36749	10.01%	1.084%
22	13.170	1871	1878	1882	rBV6	3943	7709	2.10%	0.227%
23	13.237	1883	1889	1894	rBV3	6309	11990	3.27%	0.354%
24	13.285	1894	1897	1901	rVV3	5707	8248	2.25%	0.243%
25	13.346	1901	1907	1917	rVV	148560	247493	67.44%	7.301%
26	13.542	1931	1939	1943	rBV2	19561	34822	9.49%	1.027%
27	13.590	1943	1947	1954	rVV4	15283	30621	8.34%	0.903%
28	13.676	1954	1961	1965	rVV5	25745	44164	12.03%	1.303%
29	13.743	1965	1972	1977	rVV2	9178	21182	5.77%	0.625%
30	13.804	1979	1982	1984	rVV	10415	13758	3.75%	0.406%
31	13.834	1984	1987	1992	rVV2	13570	21378	5.82%	0.631%
32	13.895	1992	1997	2001	rVB	20893	31246	8.51%	0.922%
33	13.950	2001	2006	2009	rVB4	3485	5660	1.54%	0.167%
34	13.999	2009	2014	2019	rVB3	23840	34089	9.29%	1.006%
35	14.078	2019	2027	2030	rBV6	4351	10541	2.87%	0.311%
36	14.133	2030	2036	2039	rBV5	6824	13807	3.76%	0.407%

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Stop Thrs : 0

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

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37	14.176	2039	2043	2046	rVV5	9535	18165	4.95%	0.536%
38	14.212	2046	2049	2052	rVV	12330	20523	5.59%	0.605%
39	14.255	2052	2056	2060	rVV	19502	28971	7.89%	0.855%
40	14.304	2060	2064	2067	rVV2	12114	17108	4.66%	0.505%
41	14.340	2067	2070	2075	rVB2	10178	13072	3.56%	0.386%
42	14.438	2083	2086	2090	rVV	8203	11764	3.21%	0.347%
43	14.487	2090	2094	2098	rVV2	19626	35302	9.62%	1.041%
44	14.529	2098	2101	2106	rVB	28167	40081	10.92%	1.182%
45	14.602	2106	2113	2118	rBV4	47090	105054	28.62%	3.099%
46	14.657	2118	2122	2127	rVB4	13517	24485	6.67%	0.722%
47	14.749	2132	2137	2142	rVB	32945	50590	13.78%	1.492%
48	14.858	2146	2155	2158	rBV3	20783	45711	12.46%	1.349%
49	14.968	2168	2173	2179	rVB	19874	38844	10.58%	1.146%
50	15.145	2192	2202	2207	rBV	104982	186044	50.69%	5.488%
51	15.200	2207	2211	2215	rVV2	17446	24154	6.58%	0.713%
52	15.261	2216	2221	2226	rBV7	10466	25838	7.04%	0.762%
53	15.340	2231	2234	2242	rVB6	16912	28763	7.84%	0.849%
54	15.431	2242	2249	2256	rBV3	14863	32015	8.72%	0.944%
55	15.505	2257	2261	2266	rVB7	3610	6431	1.75%	0.190%
56	15.590	2266	2275	2276	rBV5	11052	20147	5.49%	0.594%
57	15.627	2276	2281	2289	rVB3	38325	71662	19.53%	2.114%
58	15.718	2291	2296	2301	rBV7	4454	8305	2.26%	0.245%
59	15.785	2301	2307	2312	rBV4	7829	17263	4.70%	0.509%
60	15.931	2323	2331	2336	rBV3	21351	45876	12.50%	1.353%
61	16.120	2353	2362	2367	rBV3	18700	41848	11.40%	1.235%
62	16.181	2367	2372	2380	rVB2	19655	37482	10.21%	1.106%
63	16.376	2397	2404	2410	rBV4	14481	35869	9.77%	1.058%
64	16.431	2410	2413	2419	rVV7	4714	7968	2.17%	0.235%
65	16.511	2419	2426	2434	rVB7	5200	13488	3.68%	0.398%
66	16.712	2455	2459	2467	rVB10	2023	4948	1.35%	0.146%

Sum of corrected areas: 3389739

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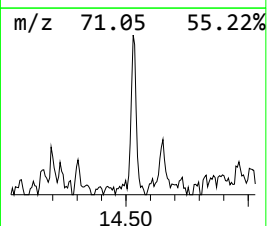
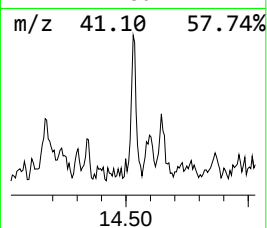
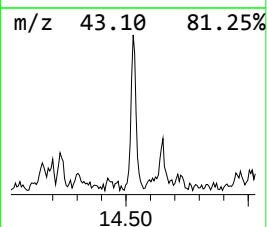
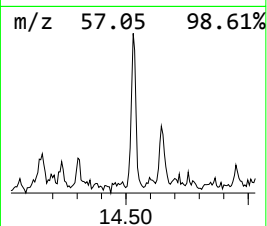
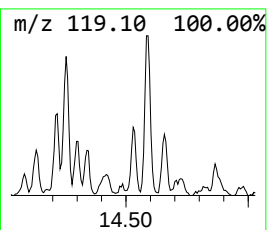
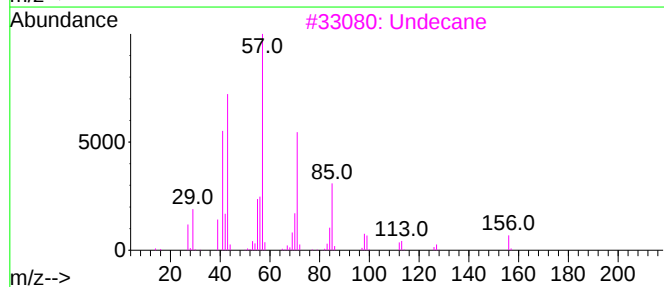
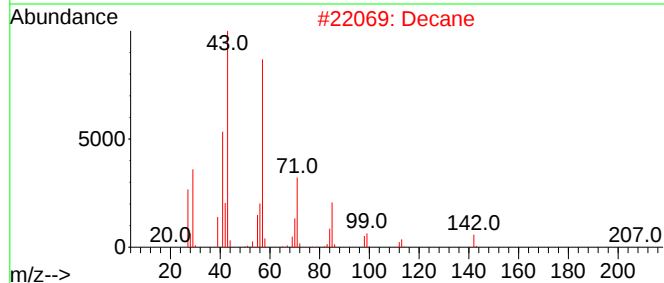
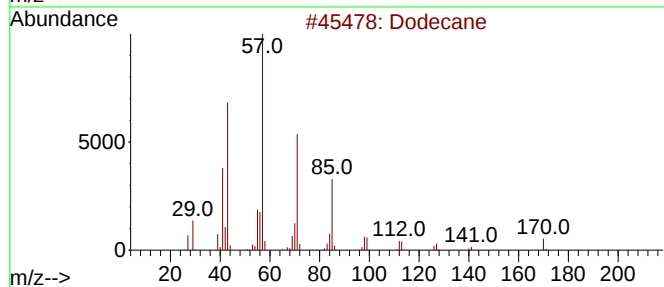
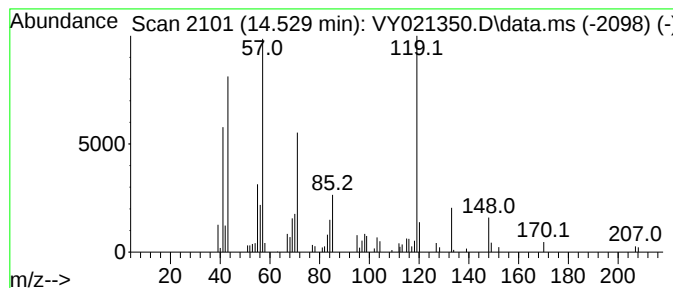
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown14.529 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	8.10 ug/l	40081	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	46
2			Decane	142	C10H22	000124-18-5	38
3			Undecane	156	C11H24	001120-21-4	38
4			Tetradecane	198	C14H30	000629-59-4	35
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	30



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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

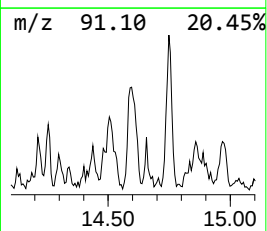
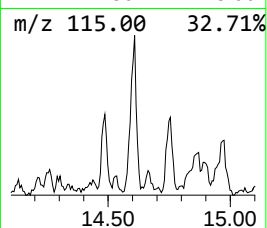
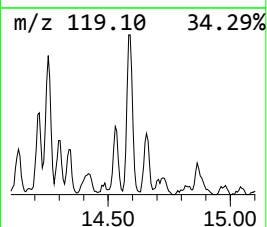
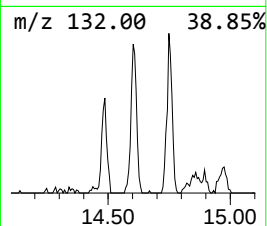
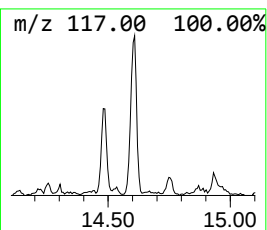
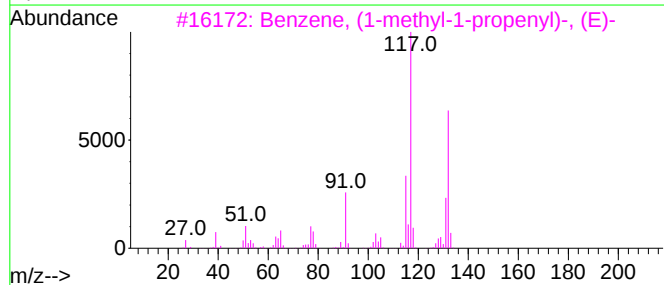
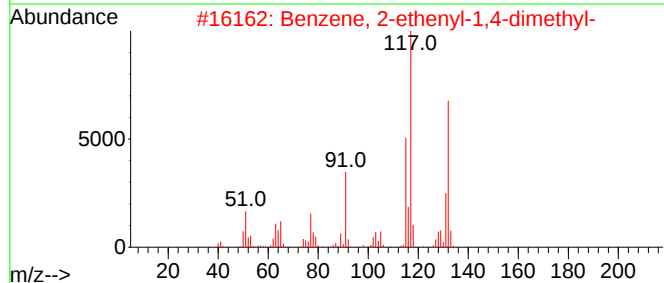
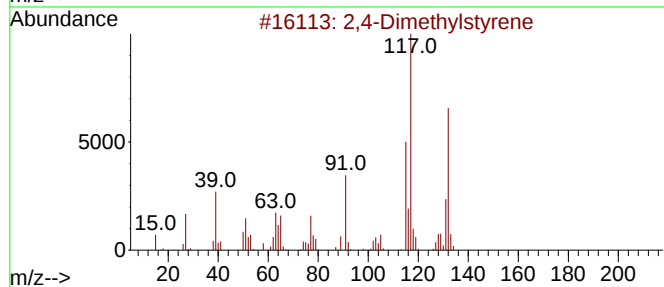
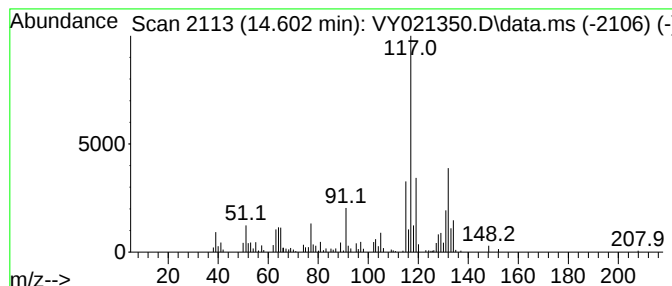
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 2 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	21.22 ug/l	105054	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

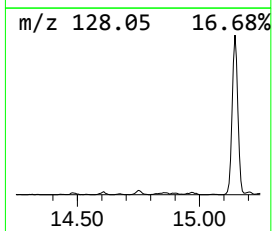
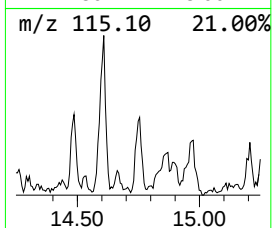
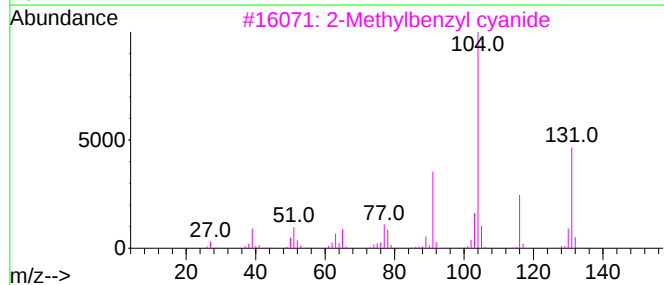
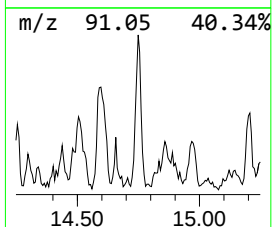
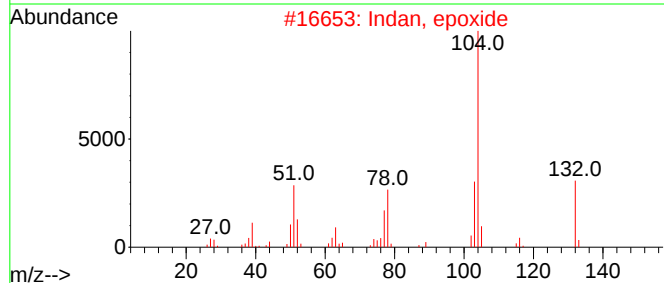
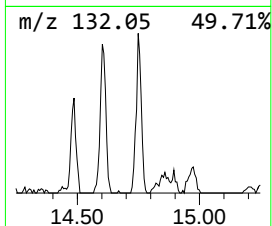
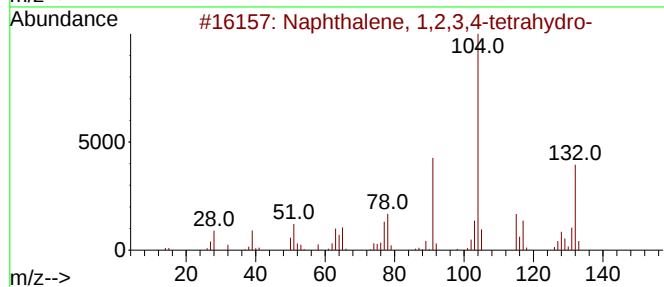
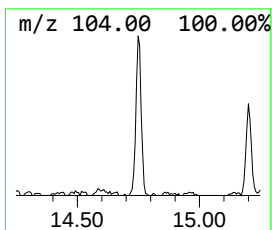
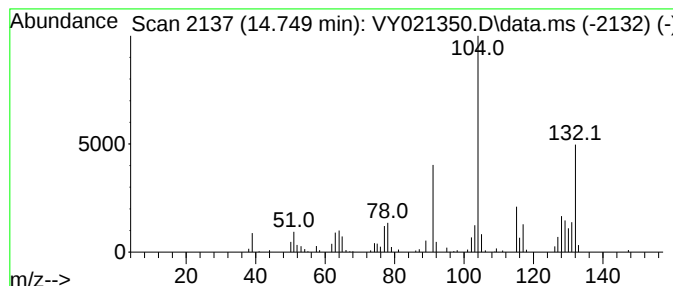
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	10.22 ug/l	50590	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			Indan, epoxide	132	C9H8O	000768-22-9	49
3			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
4			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	37
5			Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	27



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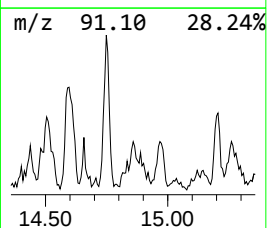
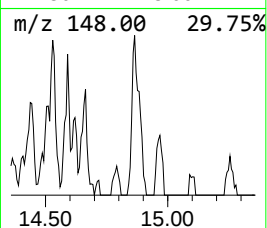
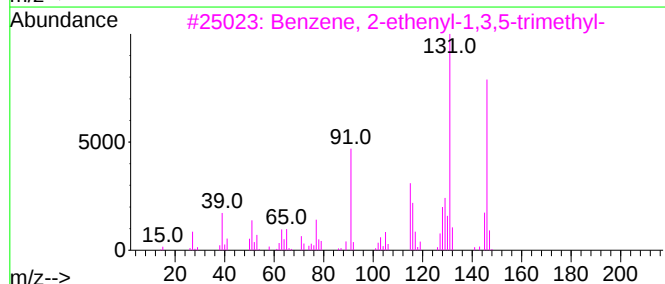
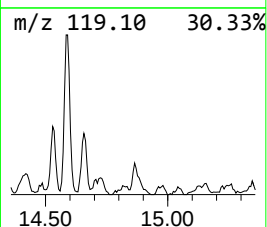
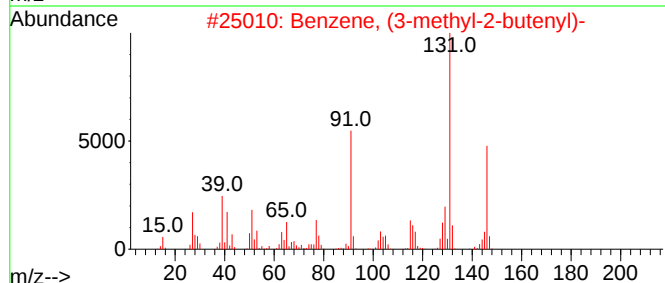
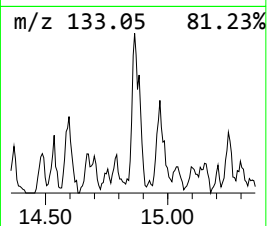
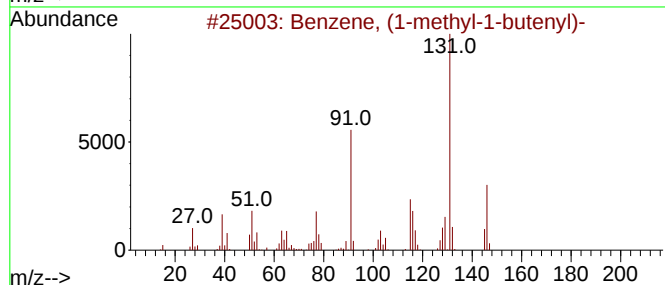
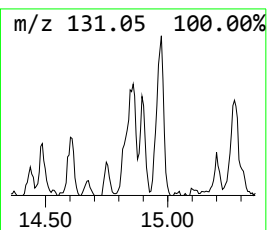
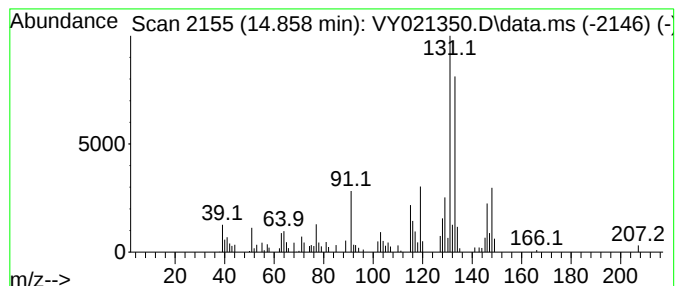
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	9.23 ug/l	45711	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	89
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50



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NB-07-022525

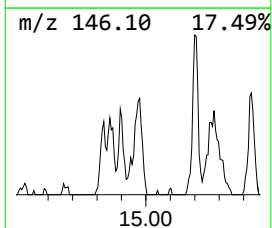
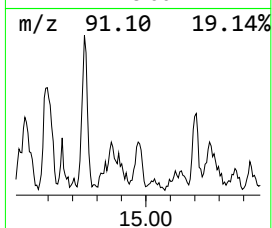
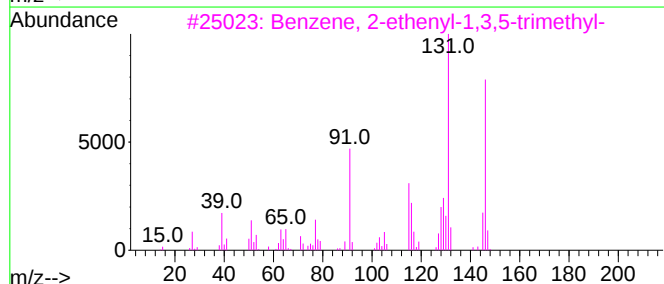
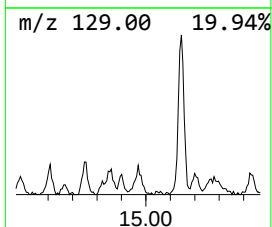
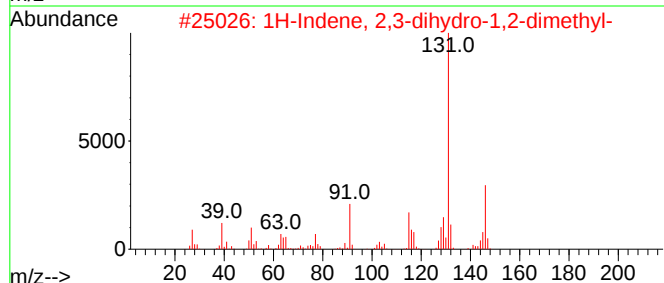
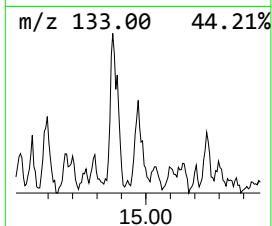
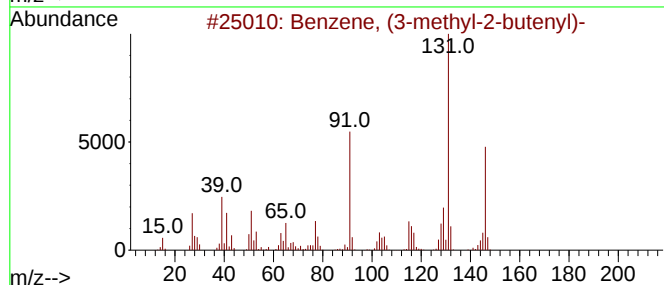
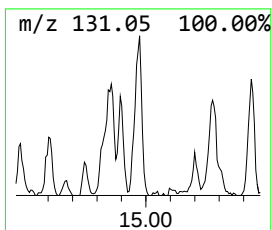
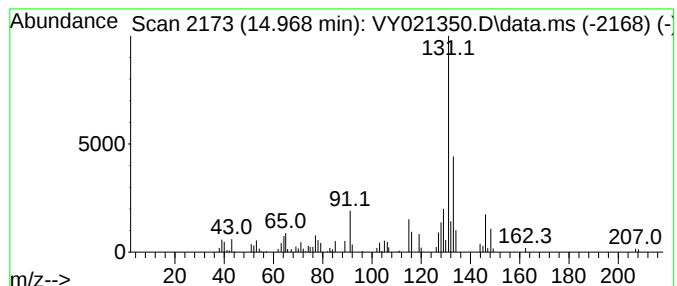
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	7.85 ug/l	38844	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

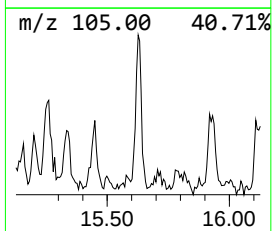
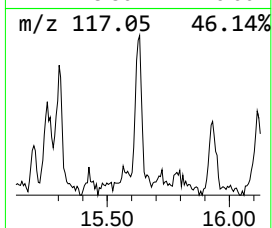
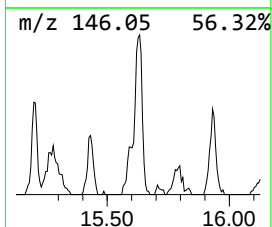
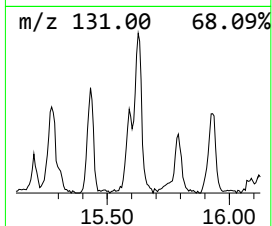
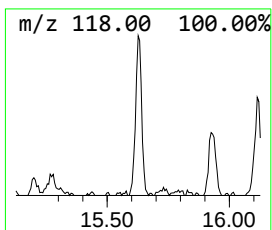
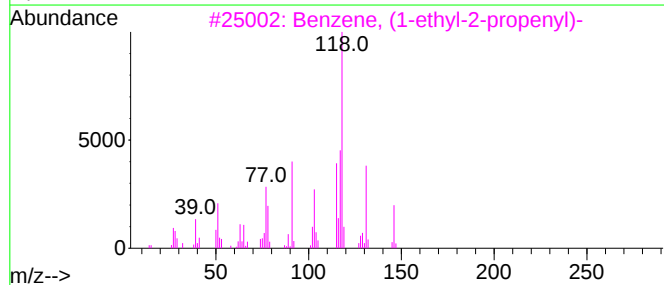
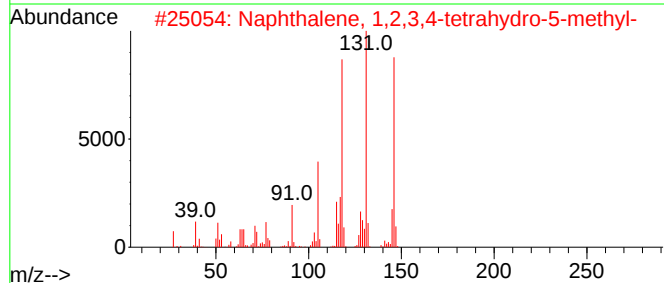
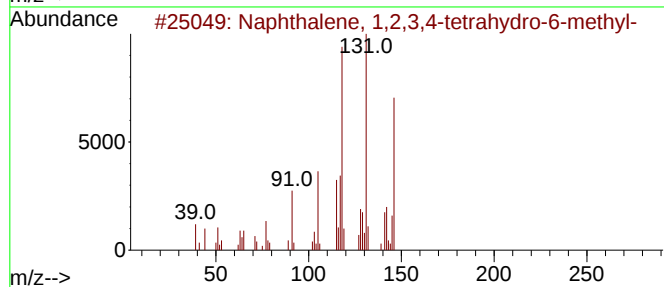
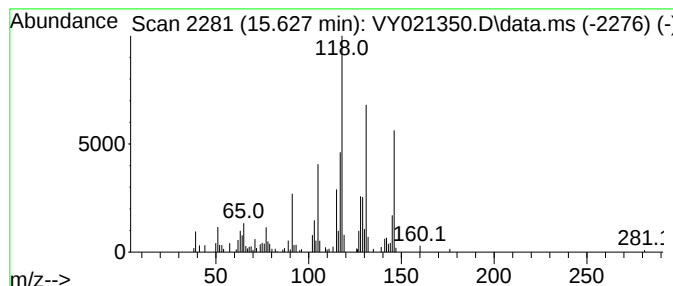
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	14.48 ug/l	71662	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	81
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	58
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

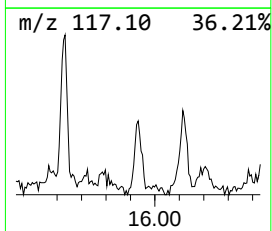
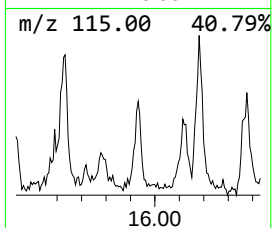
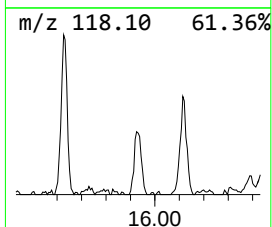
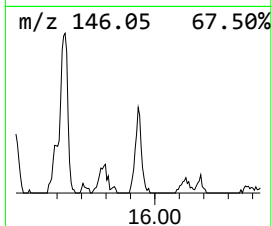
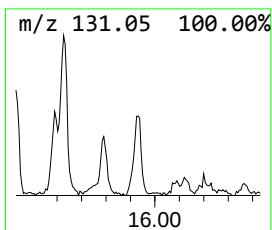
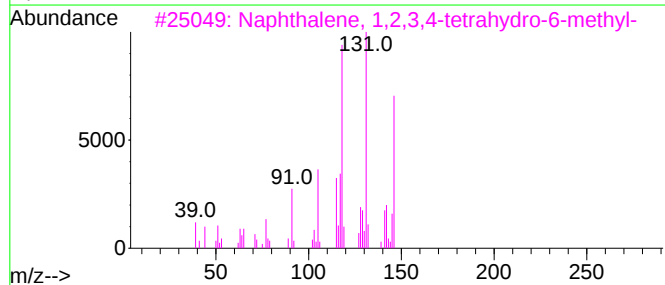
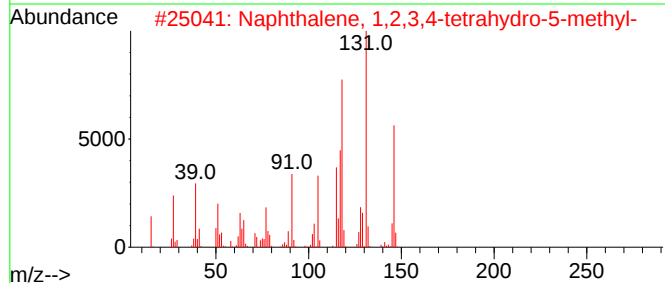
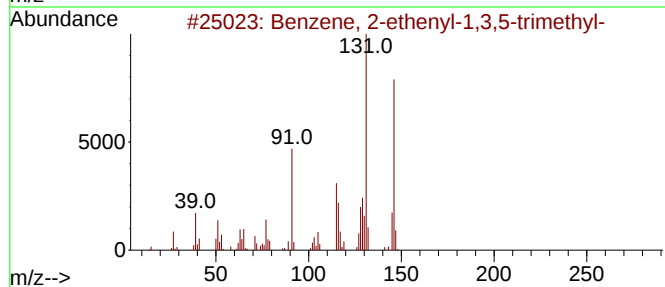
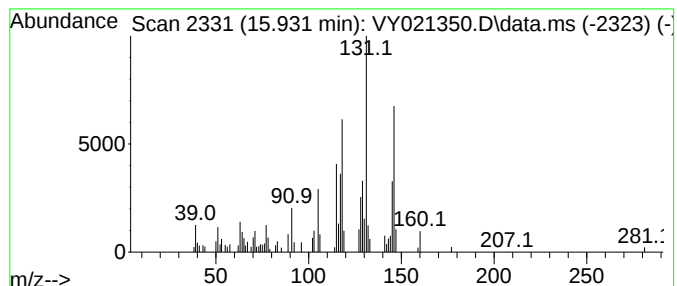
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.931	9.27 ug/l	45876	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	74
5			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

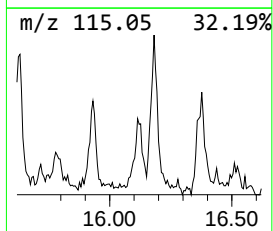
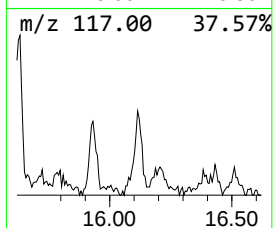
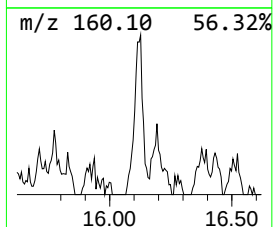
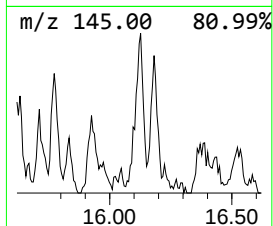
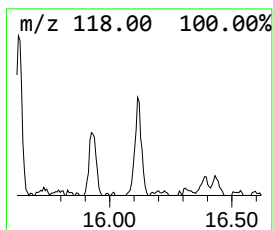
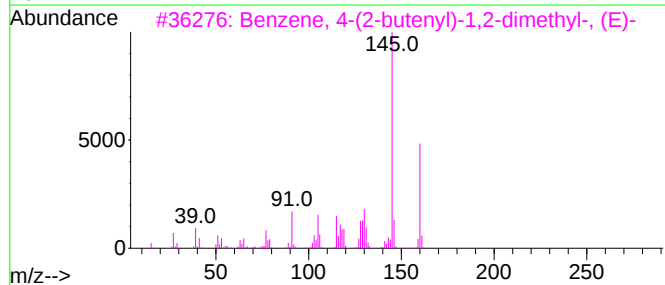
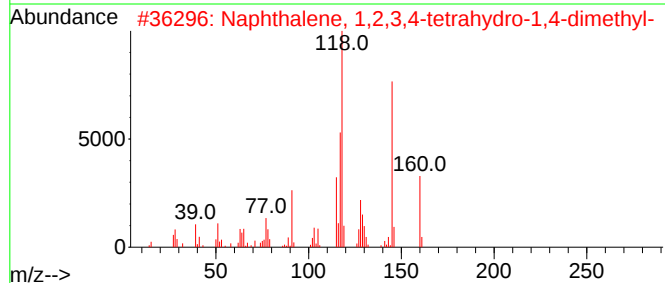
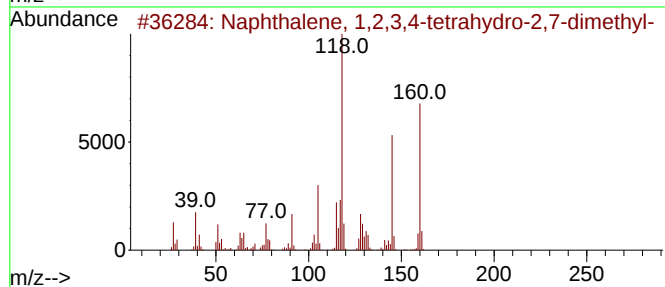
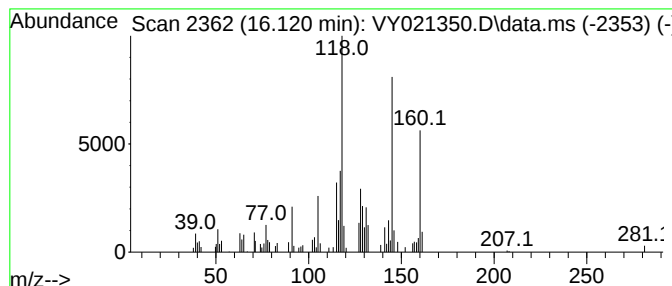
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.120	8.45 ug/l	41848	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	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

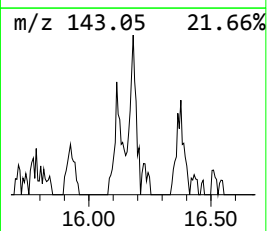
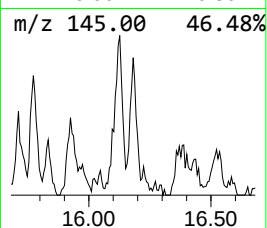
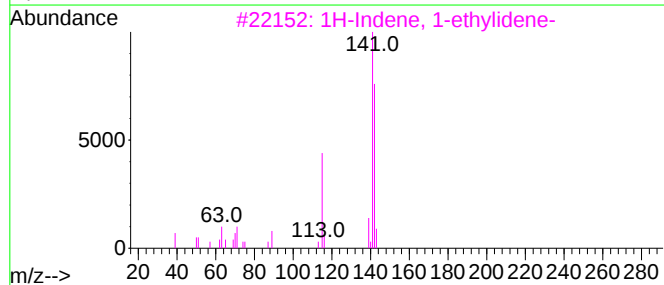
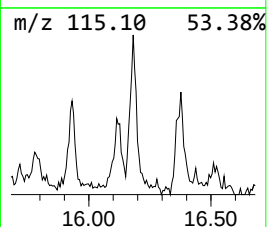
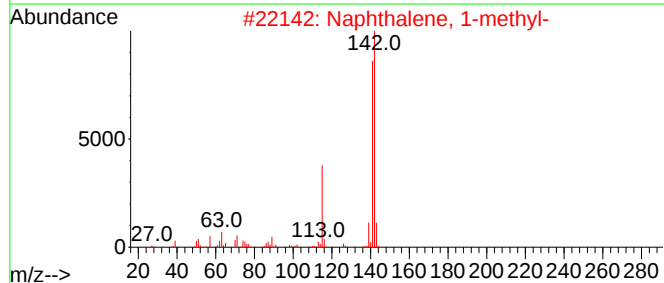
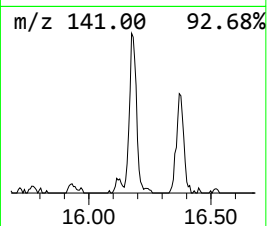
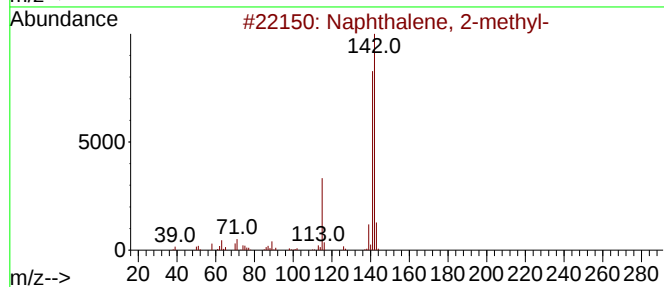
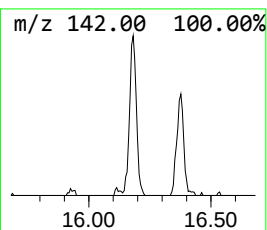
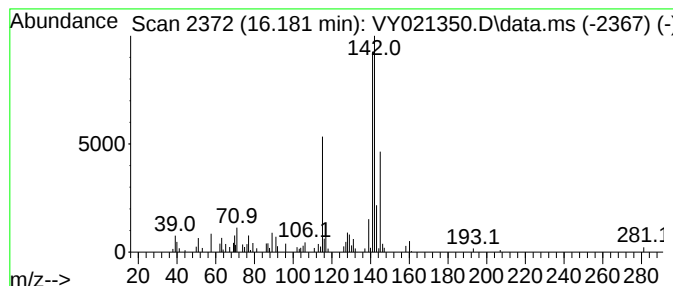
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	7.57 ug/l	37482	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	89
4			Benzocycloheptatriene	142	C11H10	000264-09-5	76
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

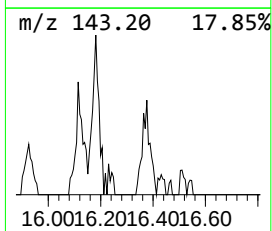
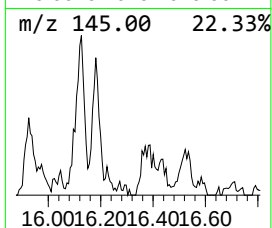
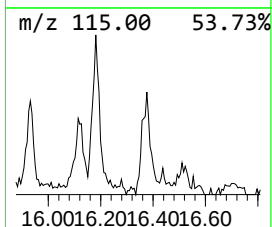
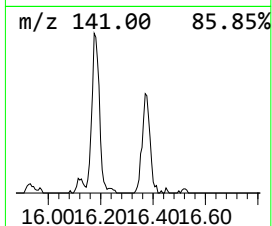
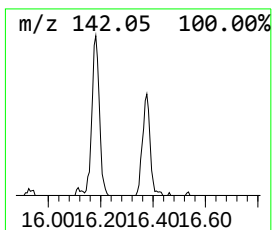
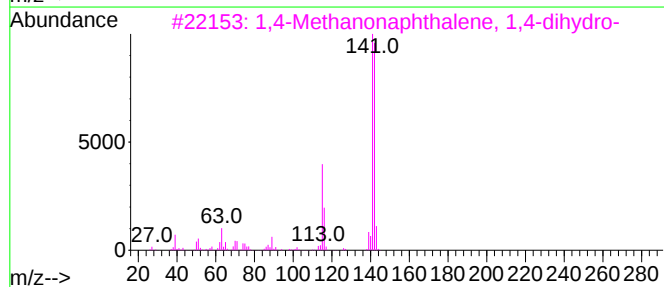
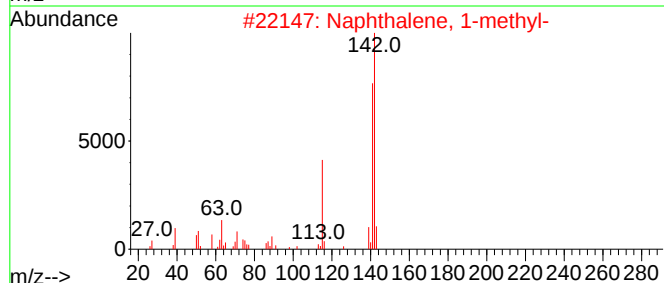
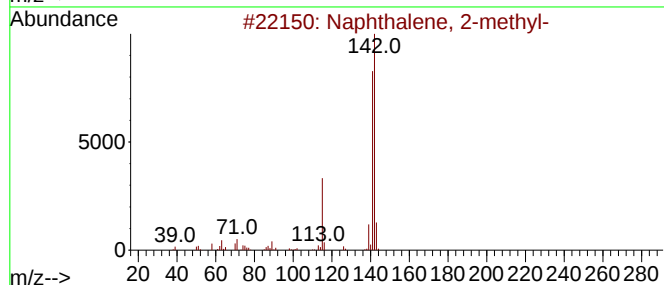
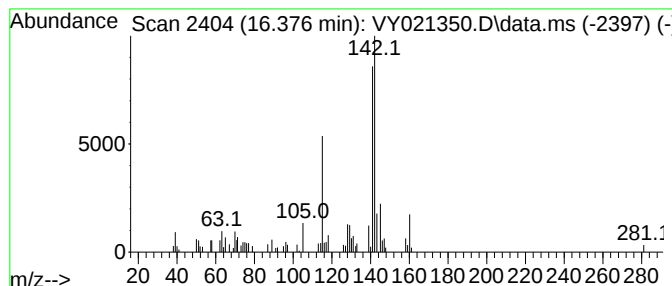
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.376	7.25 ug/l	35869	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	74
4			Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	59
5			Benzocycloheptatriene	142	C11H10	000264-09-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021350.D
Acq On : 27 Feb 2025 12:04
Operator : SY/MD
Sample : Q1428-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.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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2,4-Dimethylsty...	14.602	21.2	ug/l	105054	4	13.347	247493	50.0
Naphthalene, 1,...	14.749	10.2	ug/l	50590	4	13.347	247493	50.0
Benzene, (1-met...	14.858	9.2	ug/l	45711	4	13.347	247493	50.0
Benzene, (3-met...	14.968	7.8	ug/l	38844	4	13.347	247493	50.0
Naphthalene, 1,...	15.627	14.5	ug/l	71662	4	13.347	247493	50.0
Benzene, 2-ethe...	15.931	9.3	ug/l	45876	4	13.347	247493	50.0
Naphthalene, 1,...	16.120	8.4	ug/l	41848	4	13.347	247493	50.0
Naphthalene, 1-...	16.181	7.6	ug/l	37482	4	13.347	247493	50.0
1,4-Methanonaph...	16.376	7.3	ug/l	35869	4	13.347	247493	50.0