

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008292.D
 Acq On : 12 Apr 2022 16:56
 Operator : KP/MD
 Sample : N2364-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

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\82Y040822S.M
 Title : SW846 8260

Signal : TIC: VY008292.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.643	132	135	143	rVB4	1541	3842	3.89%	0.331%
2	4.716	468	475	481	rVB5	657	1495	1.51%	0.129%
3	7.716	957	967	973	rBV2	6394	15708	15.91%	1.353%
4	7.789	973	979	988	rVB	9349	20505	20.77%	1.766%
5	8.136	1025	1036	1048	rBV	6844	15303	15.50%	1.318%
6	8.691	1119	1127	1133	rBV	15259	31880	32.29%	2.745%
7	9.295	1220	1226	1229	rBV7	652	1358	1.38%	0.117%
8	9.532	1262	1265	1266	rBV3	1016	1075	1.09%	0.093%
9	9.819	1310	1312	1313	rBV2	1563	991	1.00%	0.085%
10	9.837	1313	1315	1319	rVB5	2446	3022	3.06%	0.260%
11	10.179	1365	1371	1377	rBV	25097	44075	44.64%	3.795%
12	10.246	1380	1382	1384	rVB3	1549	1086	1.10%	0.094%
13	10.276	1384	1387	1389	rBV4	1126	1826	1.85%	0.157%
14	10.801	1471	1473	1476	rBV4	1152	1275	1.29%	0.110%
15	10.868	1482	1484	1486	rBV2	1117	1136	1.15%	0.098%
16	11.026	1508	1510	1512	rBV3	1120	1031	1.04%	0.089%
17	11.453	1577	1580	1581	rBV3	1195	1376	1.39%	0.118%
18	11.489	1581	1586	1594	rVB2	25695	44374	44.94%	3.821%
19	11.575	1597	1600	1601	rBV3	1274	1323	1.34%	0.114%
20	11.611	1604	1606	1607	rBV2	1053	1089	1.10%	0.094%
21	11.782	1631	1634	1636	rBV4	1750	2823	2.86%	0.243%
22	11.843	1640	1644	1645	rBV3	4479	5332	5.40%	0.459%
23	12.386	1721	1733	1734	rBV8	12538	31709	32.12%	2.730%
24	12.483	1744	1749	1768	rVB5	34113	98733	100.00%	8.502%
25	12.837	1805	1807	1808	rBV2	1374	1060	1.07%	0.091%
26	12.953	1815	1826	1837	rBV5	15707	61806	62.60%	5.322%
27	13.038	1838	1840	1842	rBV3	3553	3794	3.84%	0.327%
28	13.324	1884	1887	1890	rVB5	2312	2644	2.68%	0.228%
29	13.428	1897	1904	1914	rVB	29197	56722	57.45%	4.884%
30	13.587	1922	1930	1935	rBV10	4199	12504	12.66%	1.077%
31	13.672	1935	1944	1952	rVB9	6830	25397	25.72%	2.187%
32	13.757	1952	1958	1960	rBV6	5348	10307	10.44%	0.888%
33	13.794	1962	1964	1968	rVB3	4071	5164	5.23%	0.445%
34	13.855	1972	1974	1979	rVB5	2683	3080	3.12%	0.265%
35	13.971	1990	1993	1997	rVB4	4003	5475	5.55%	0.471%
36	14.019	1997	2001	2002	rBV3	3621	4349	4.40%	0.374%

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37	14.147	2016	2022	2027	rBV9	3131	5196	5.26%	0.447%
38	14.196	2027	2030	2033	rBV5	1486	2052	2.08%	0.177%
39	14.263	2033	2041	2055	rVB5	9011	23855	24.16%	2.054%
40	14.379	2055	2060	2063	rBV3	4068	6506	6.59%	0.560%
41	14.416	2063	2066	2071	rBV5	4821	8015	8.12%	0.690%
42	14.525	2080	2084	2085	rBV2	3077	3872	3.92%	0.333%
43	14.617	2096	2099	2103	rBV6	2209	3706	3.75%	0.319%
44	14.684	2104	2110	2114	rBV5	14521	29067	29.44%	2.503%
45	14.733	2114	2118	2125	rVB4	22207	41640	42.17%	3.586%
46	14.806	2125	2130	2134	rBV8	4142	8582	8.69%	0.739%
47	14.867	2134	2140	2141	rBV6	7405	12970	13.14%	1.117%
48	14.946	2150	2153	2156	rVB4	8690	10796	10.93%	0.930%
49	14.983	2156	2159	2163	rBV3	5147	6728	6.81%	0.579%
50	15.056	2166	2171	2178	rVB2	16755	33254	33.68%	2.864%
51	15.147	2183	2186	2191	rVB3	10477	14668	14.86%	1.263%
52	15.214	2191	2197	2203	rBV2	29348	50056	50.70%	4.310%
53	15.294	2204	2210	2214	rBV6	14549	28223	28.59%	2.430%
54	15.342	2214	2218	2223	rBV6	10097	20208	20.47%	1.740%
55	15.531	2242	2249	2256	rBV5	17963	47990	48.61%	4.132%
56	15.611	2256	2262	2267	rVB6	14182	27936	28.29%	2.406%
57	15.690	2267	2275	2282	rBV4	14887	49875	50.52%	4.295%
58	15.897	2301	2309	2314	rBV6	12287	34097	34.53%	2.936%
59	16.037	2325	2332	2336	rBV6	20202	42981	43.53%	3.701%
60	16.086	2336	2340	2347	rVB5	8755	17010	17.23%	1.465%
61	16.159	2347	2352	2357	rBV2	20083	35236	35.69%	3.034%
62	16.232	2359	2364	2371	rVB6	15586	36364	36.83%	3.131%
63	16.482	2399	2405	2411	rBV8	14264	35753	36.21%	3.079%

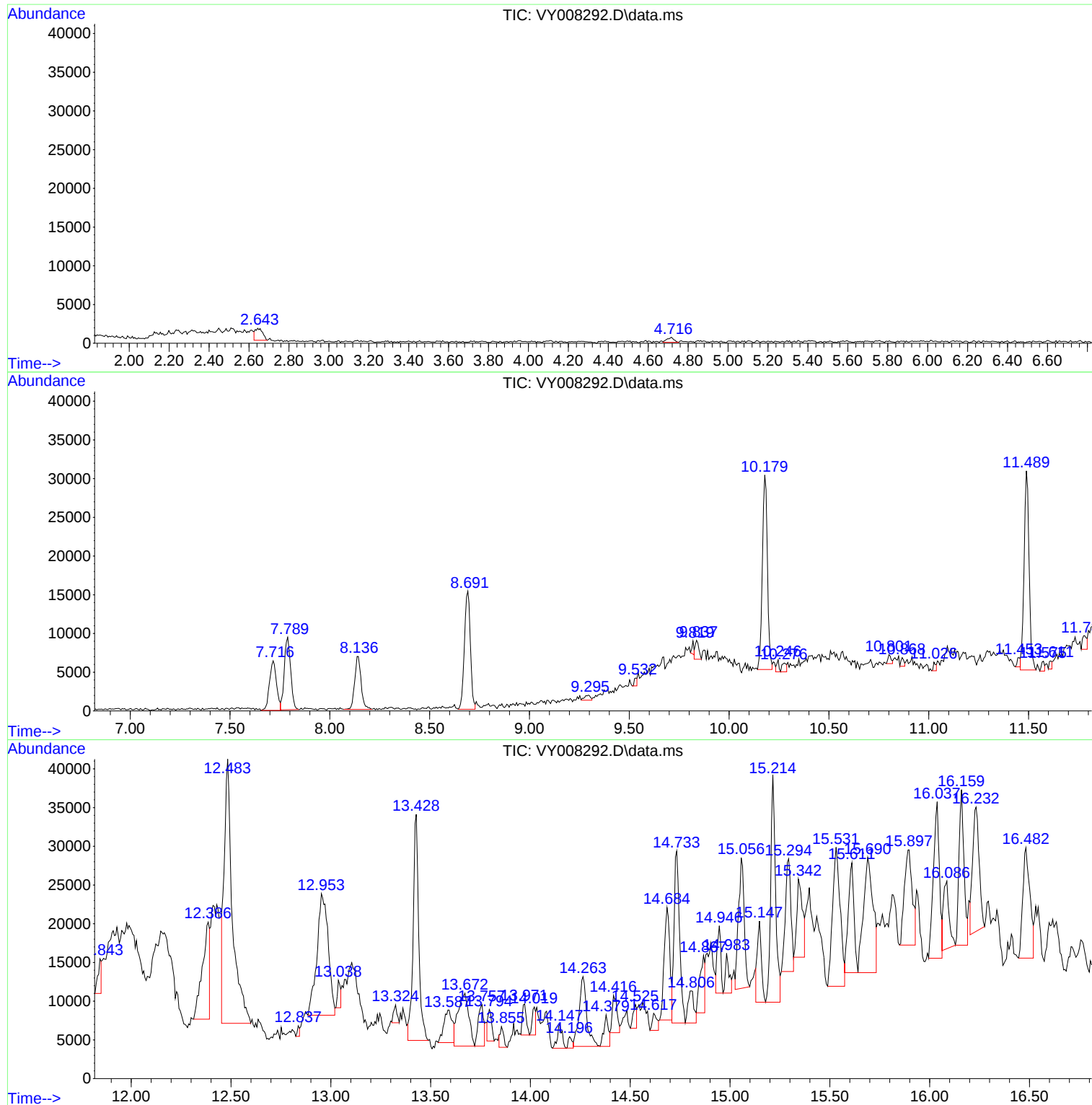
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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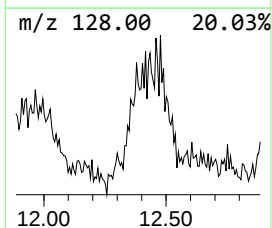
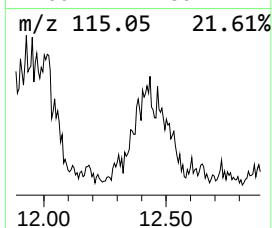
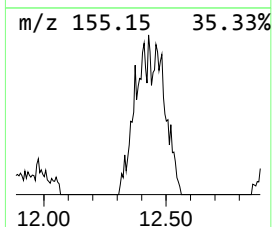
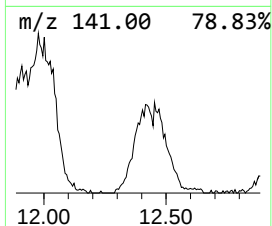
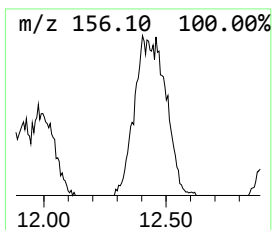
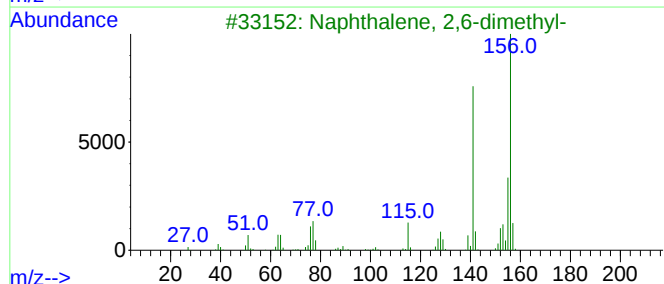
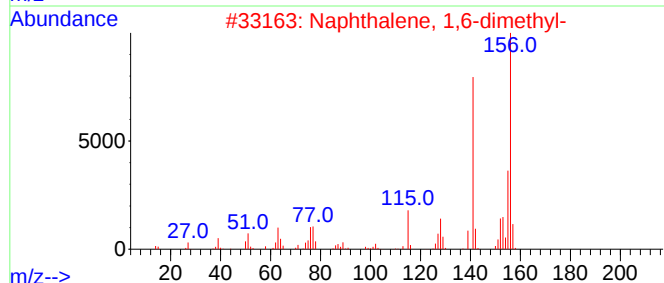
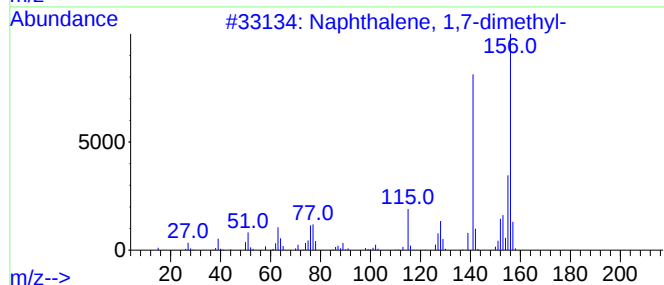
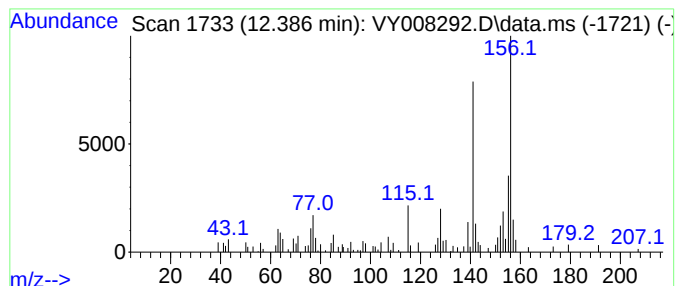
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	35.73 ug/l	31709	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



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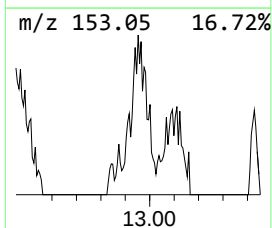
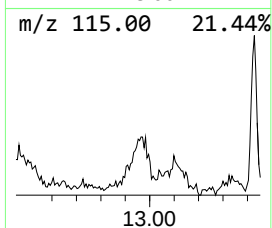
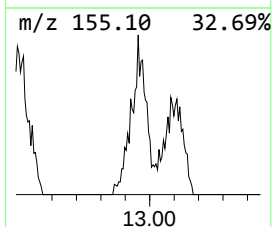
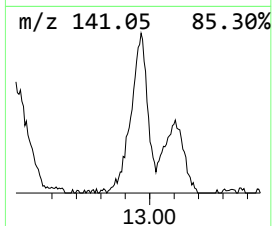
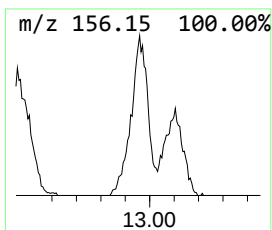
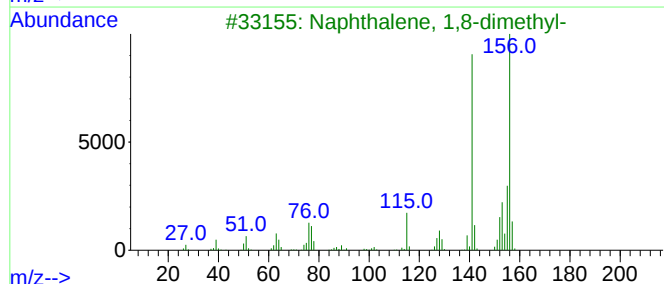
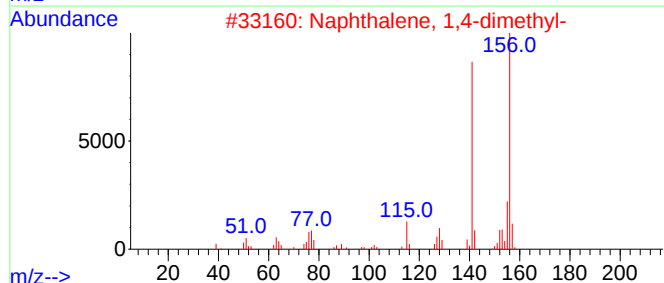
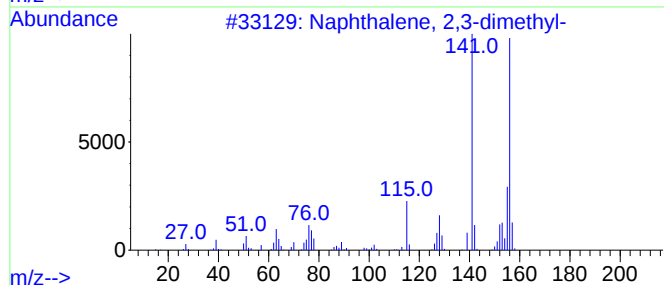
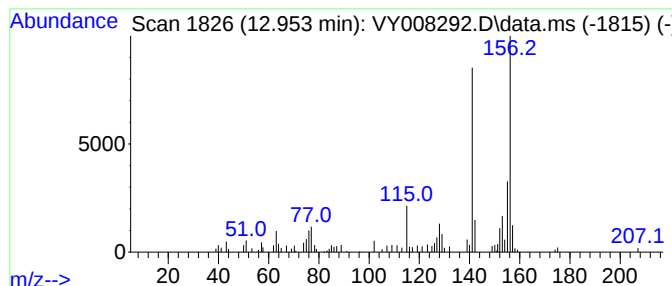
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.953	54.48 ug/l	61806	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	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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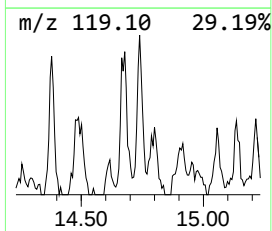
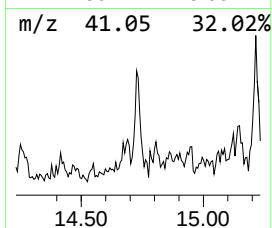
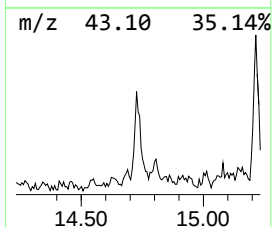
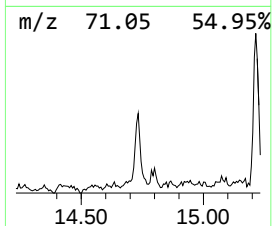
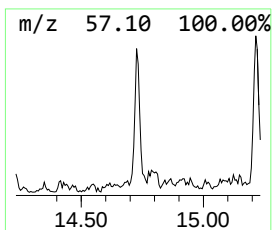
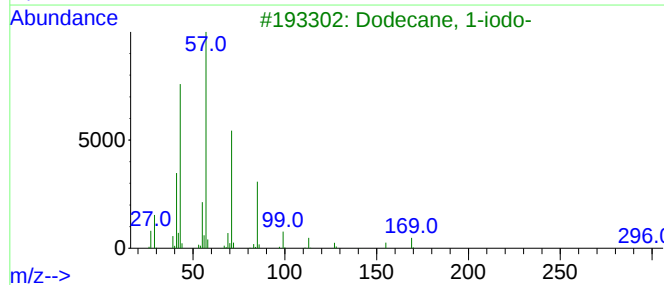
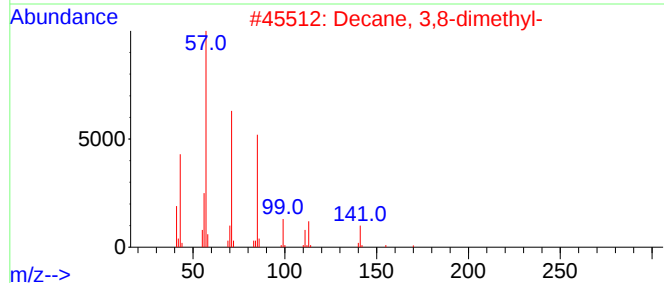
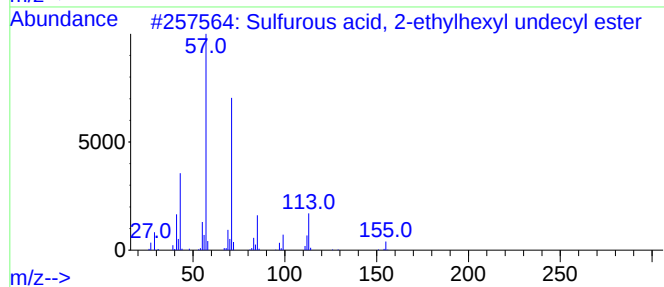
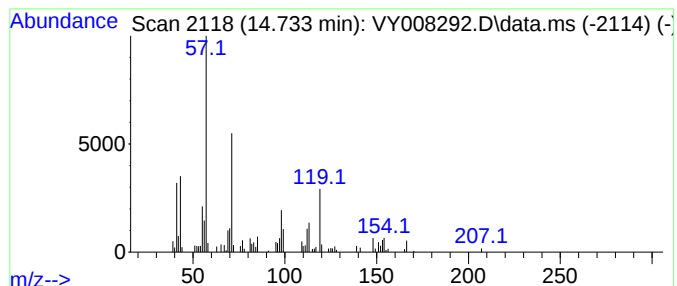
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown14.733 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	36.71 ug/l	41640	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	47
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38



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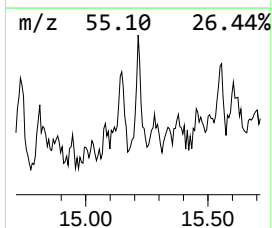
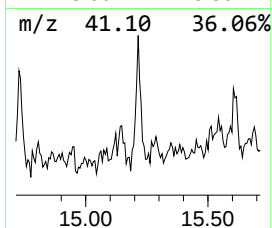
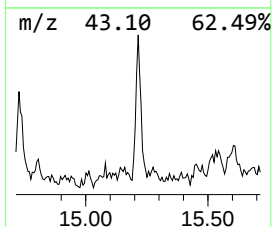
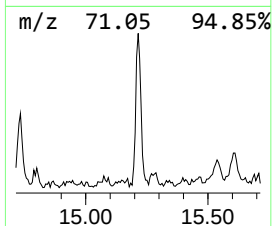
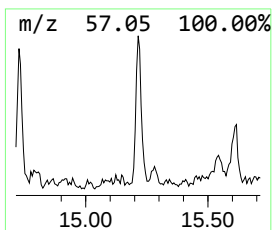
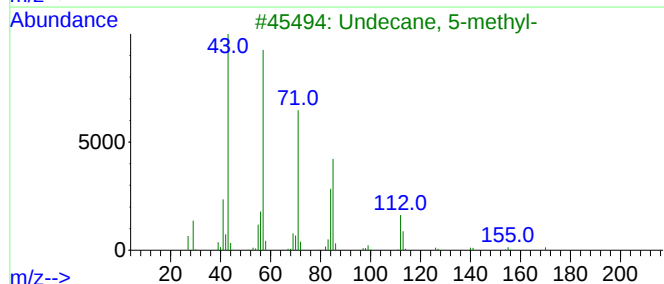
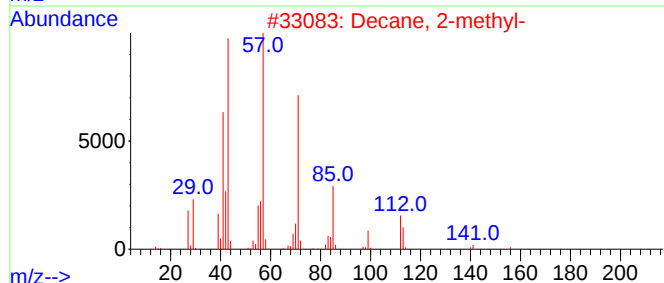
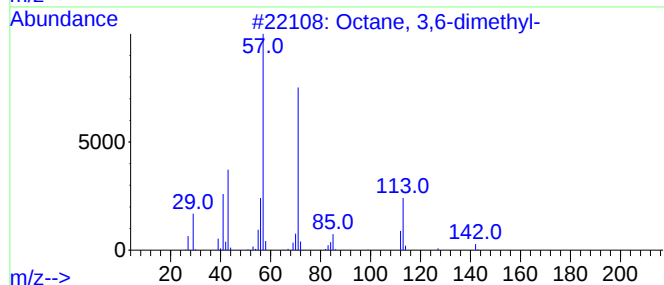
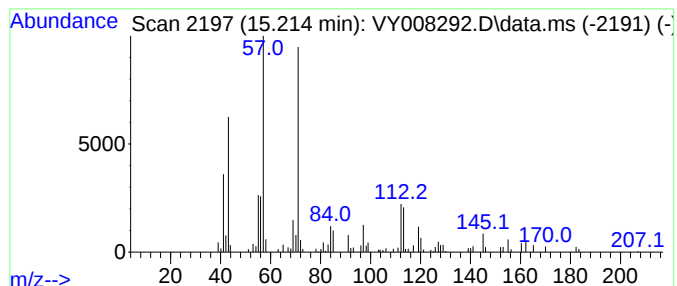
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	44.12 ug/l	50056	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
2			Decane, 2-methyl-	156	C11H24	006975-98-0	53
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	52
4			Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5			2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	50



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MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

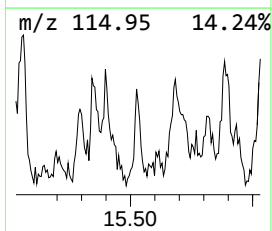
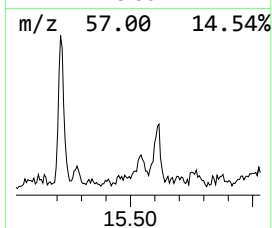
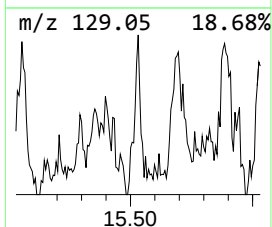
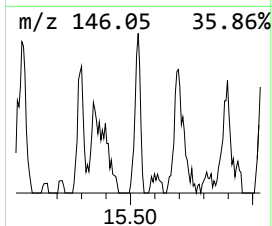
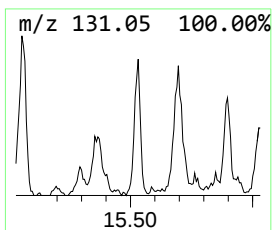
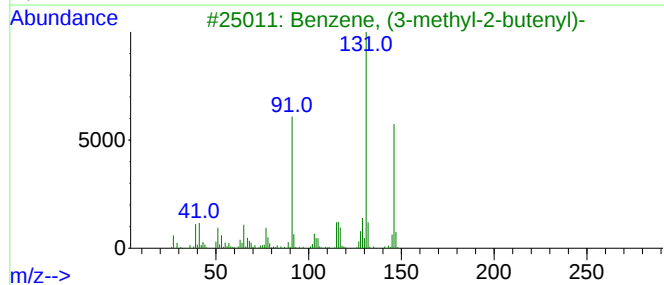
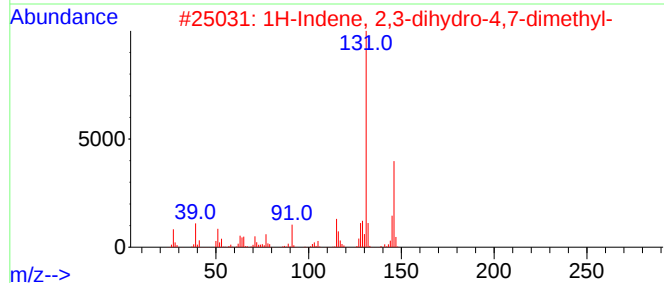
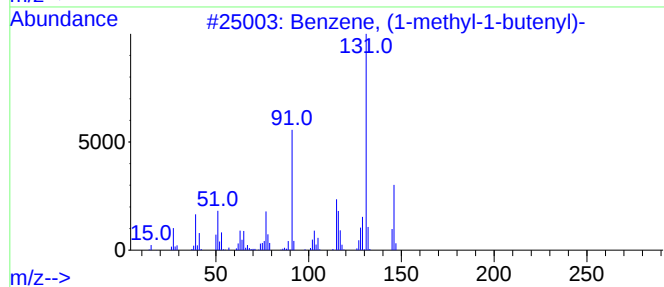
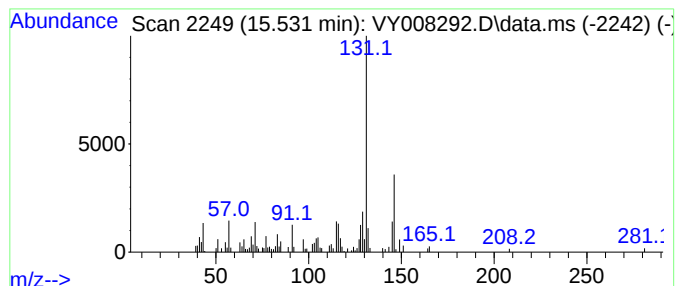
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.531	42.30 ug/l	47990	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

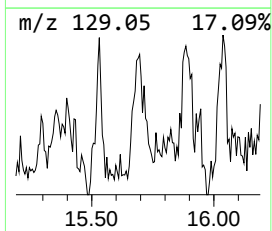
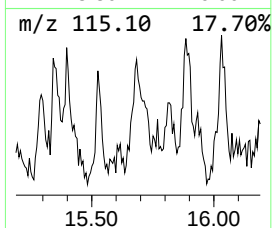
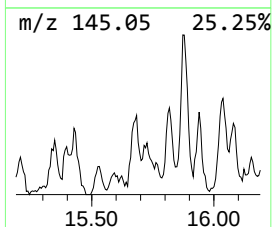
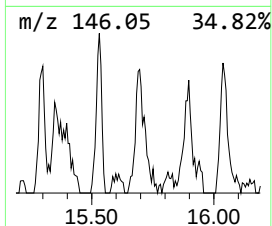
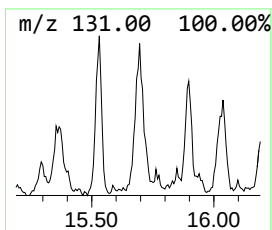
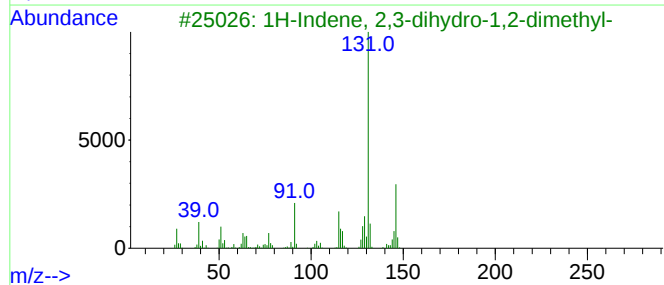
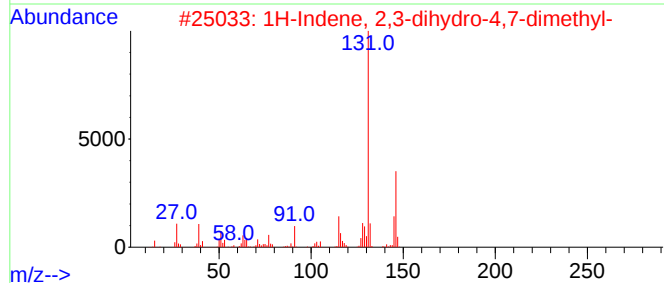
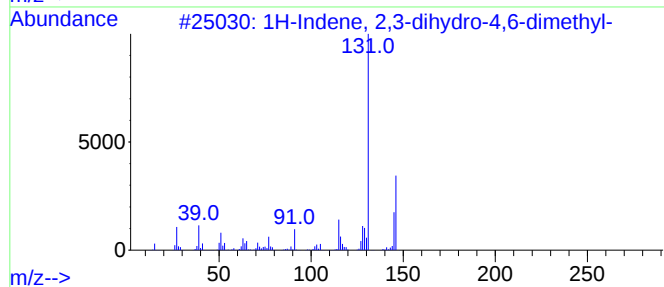
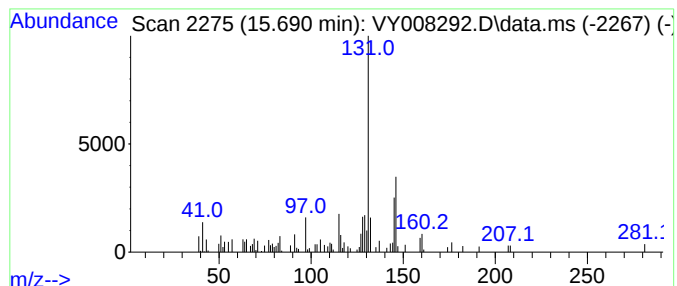
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.690	43.96 ug/l	49875	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

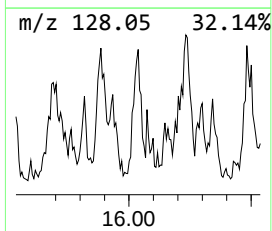
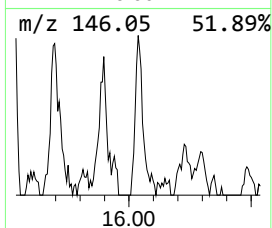
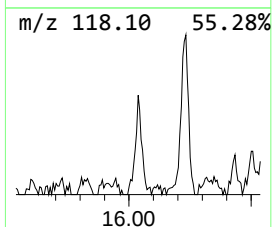
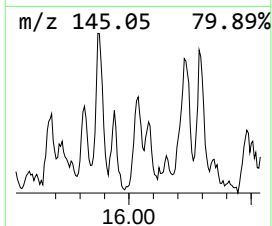
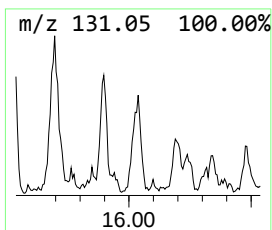
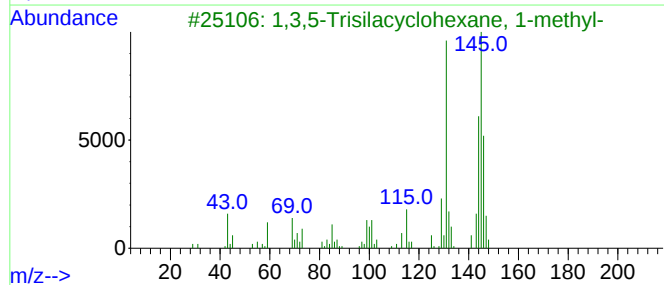
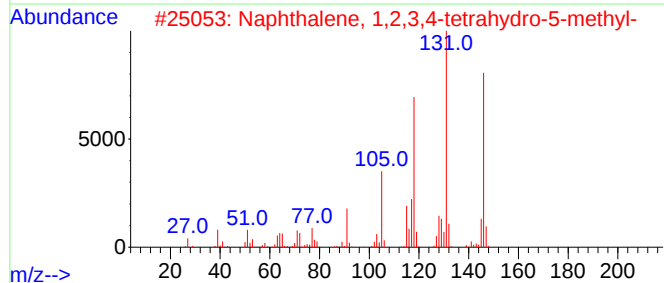
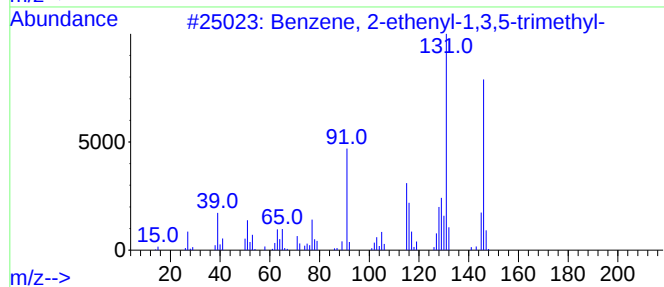
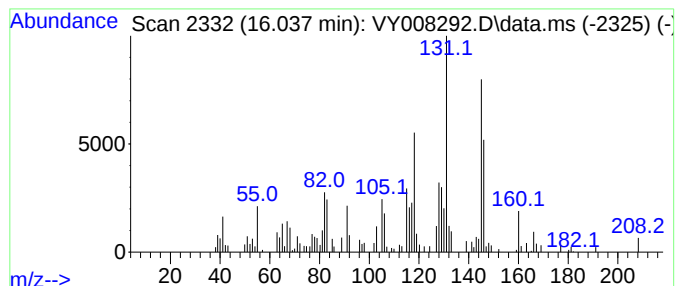
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	37.89 ug/l	42981	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
3			1,3,5-Trisilacyclohexane, 1-methyl-	146	C4H14Si3	018148-11-3	46
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

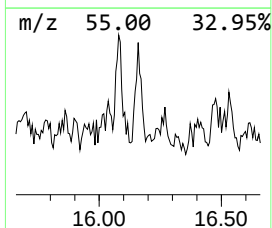
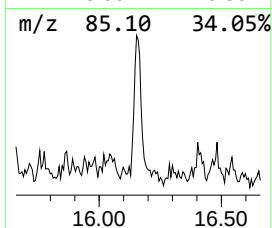
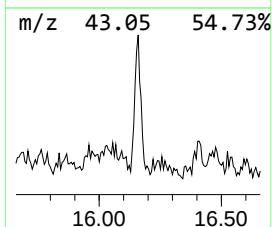
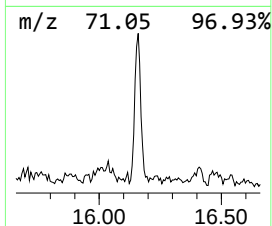
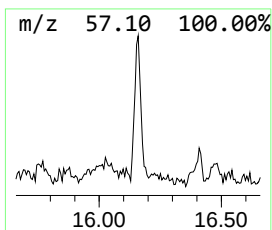
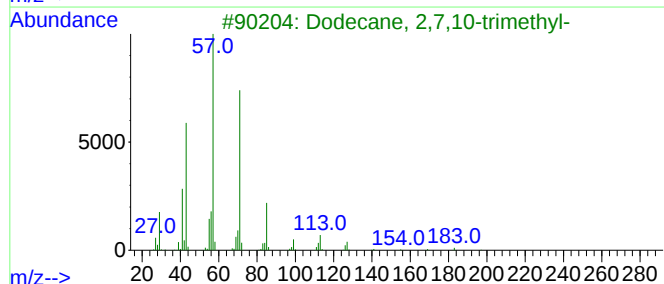
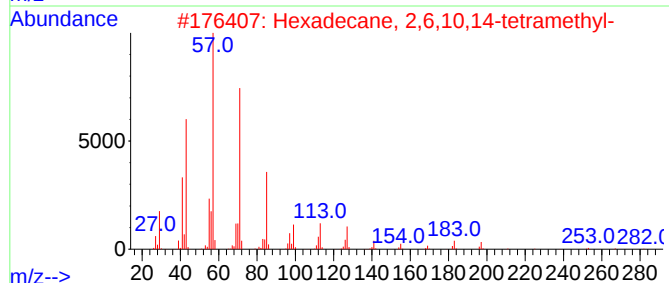
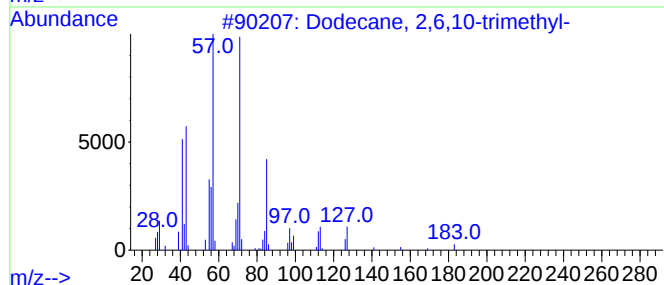
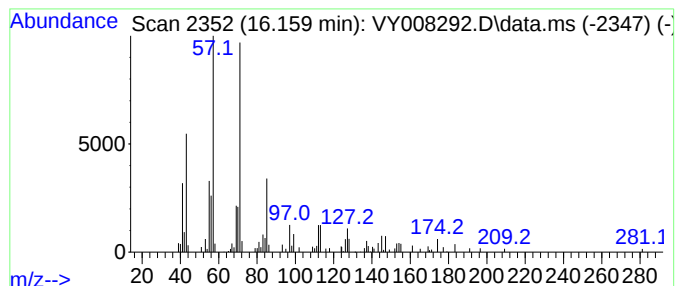
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Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	31.06 ug/l	35236	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

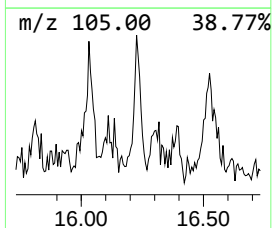
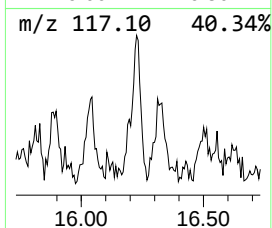
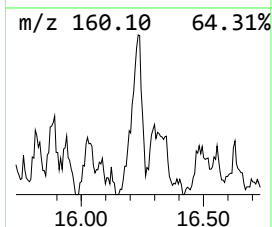
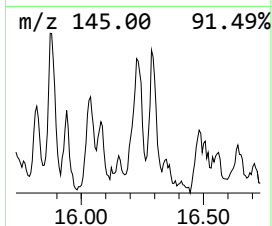
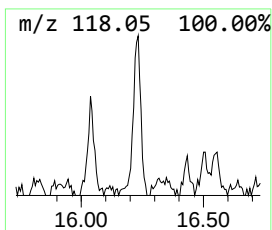
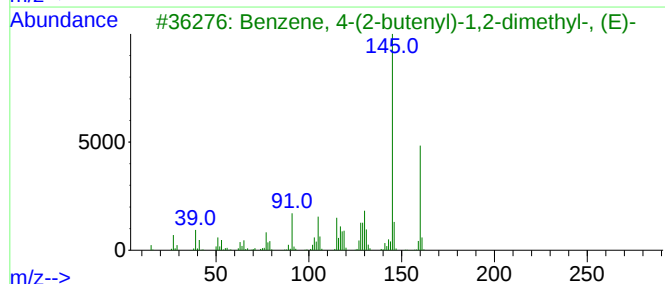
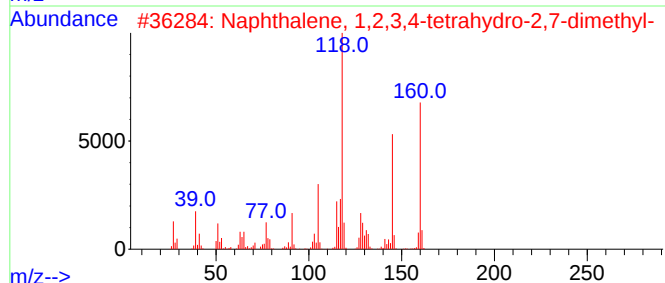
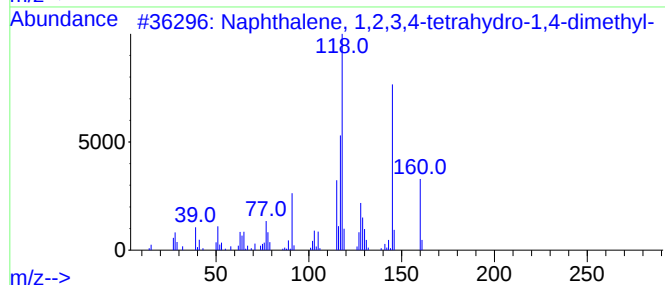
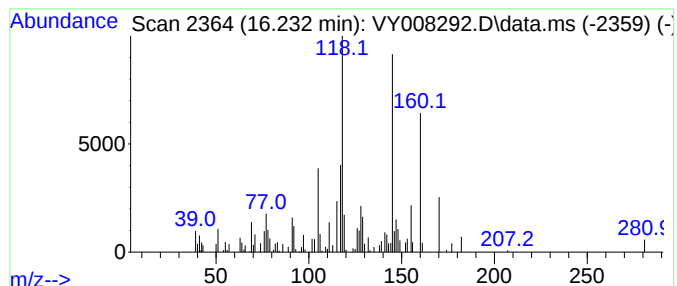
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	32.05 ug/l	36364	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

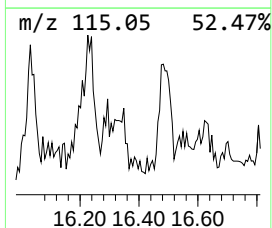
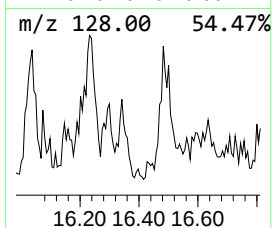
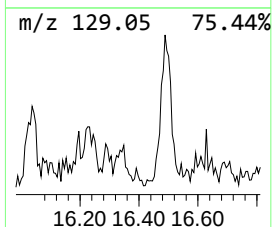
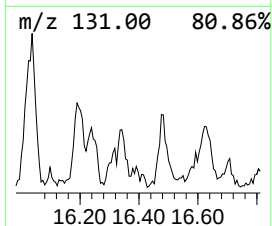
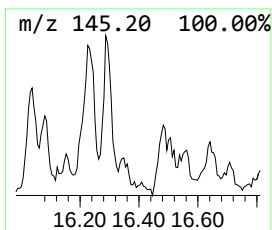
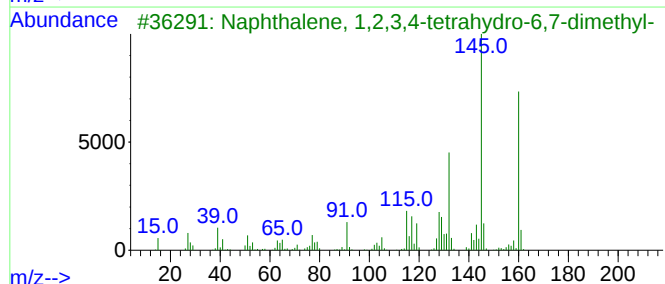
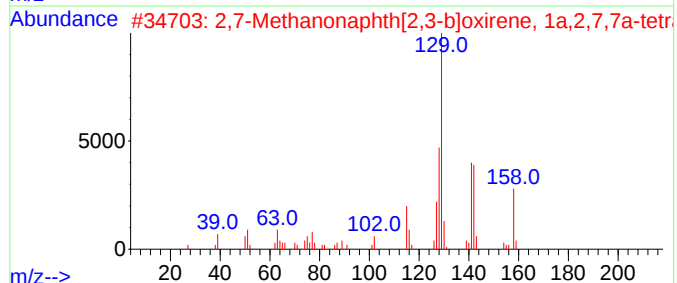
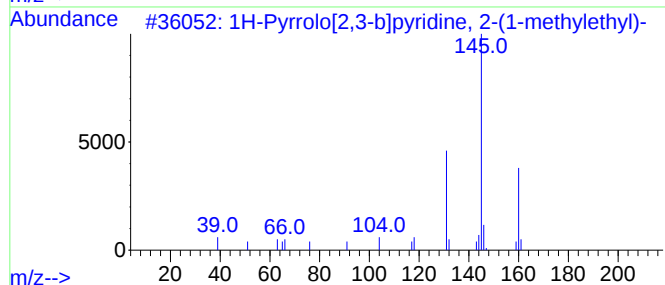
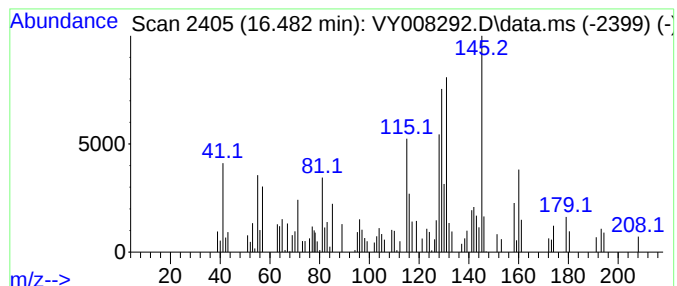
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.482 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	31.52 ug/l	35753	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	30
2			2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	30
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25
4			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	25
5			Benzene, 1-hexynyl-	158	C12H14	001129-65-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008292.D
Acq On : 12 Apr 2022 16:56
Operator : KP/MD
Sample : N2364-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.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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Naphthalene, 2,...	12.953	54.5	ug/l	61806	4	13.422	56722	50.0
unknown14.733	14.733	36.7	ug/l	41640	4	13.422	56722	50.0
Octane, 3,6-dim...	15.214	44.1	ug/l	50056	4	13.422	56722	50.0
Benzene, (1-met...	15.531	42.3	ug/l	47990	4	13.422	56722	50.0
1H-Indene, 2,3-...	15.690	44.0	ug/l	49875	4	13.422	56722	50.0
Benzene, 2-ethe...	16.037	37.9	ug/l	42981	4	13.422	56722	50.0
Dodecane, 2,6,1...	16.159	31.1	ug/l	35236	4	13.422	56722	50.0
Naphthalene, 1,...	16.233	32.0	ug/l	36364	4	13.422	56722	50.0
unknown16.482	16.482	31.5	ug/l	35753	4	13.422	56722	50.0