

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009618.D
 Acq On : 20 Jul 2022 17:29
 Operator : KP/MD
 Sample : N3726-04
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEPTIC-12-12.5

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\82Y071822S.M
 Title : SW846 8260

Signal : TIC: VY009618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	460	473	487	rBV3	36546	120378	7.72%	0.715%
2	7.710	955	966	971	rBV	198022	464157	29.76%	2.756%
3	7.783	971	978	988	rVB	398276	915603	58.71%	5.437%
4	7.990	1003	1012	1025	rBV3	7077	17311	1.11%	0.103%
5	8.130	1025	1035	1047	rBV	192433	415250	26.63%	2.466%
6	8.319	1061	1066	1075	rVB2	8203	21411	1.37%	0.127%
7	8.685	1115	1126	1137	rBV	608630	1216165	77.98%	7.222%
8	9.179	1196	1207	1212	rBV7	10530	30444	1.95%	0.181%
9	9.606	1271	1277	1287	rVB	11305	24268	1.56%	0.144%
10	9.746	1290	1300	1306	rVB2	14669	30792	1.97%	0.183%
11	9.813	1306	1311	1315	rBV3	13133	24503	1.57%	0.146%
12	9.953	1325	1334	1345	rBV2	19148	47311	3.03%	0.281%
13	10.173	1363	1370	1384	rVB	824681	1397751	89.63%	8.300%
14	10.368	1394	1402	1409	rVB3	20223	42144	2.70%	0.250%
15	10.612	1432	1442	1454	rVV7	6535	25260	1.62%	0.150%
16	10.898	1484	1489	1497	rBV2	9449	19453	1.25%	0.116%
17	11.276	1542	1551	1561	rVB4	31611	79478	5.10%	0.472%
18	11.374	1561	1567	1573	rBV	27379	47247	3.03%	0.281%
19	11.483	1578	1585	1596	rBV	902415	1499809	96.17%	8.906%
20	11.587	1596	1602	1607	rBV	26366	48843	3.13%	0.290%
21	11.697	1611	1620	1625	rBV2	84448	205693	13.19%	1.221%
22	12.008	1667	1671	1678	rVB3	11967	28564	1.83%	0.170%
23	12.117	1686	1689	1694	rVB	12686	18886	1.21%	0.112%
24	12.197	1697	1702	1705	rBV4	10856	19496	1.25%	0.116%
25	12.239	1705	1709	1711	rVV4	12554	21993	1.41%	0.131%
26	12.367	1712	1730	1743	rVV6	106232	772941	49.56%	4.590%
27	12.483	1743	1749	1760	rVB2	738055	1364447	87.49%	8.102%
28	12.666	1774	1779	1784	rVB	48826	73484	4.71%	0.436%
29	12.733	1784	1790	1793	rBV	59713	99766	6.40%	0.592%
30	12.764	1793	1795	1798	rVB	37520	39061	2.50%	0.232%
31	12.806	1798	1802	1806	rBV2	68306	106111	6.80%	0.630%
32	12.898	1806	1817	1826	rVV2	51505	246887	15.83%	1.466%
33	13.032	1832	1839	1848	rVV	35836	106771	6.85%	0.634%
34	13.117	1848	1853	1858	rVB	196330	297876	19.10%	1.769%
35	13.166	1858	1861	1866	rVB2	11763	15936	1.02%	0.095%
36	13.227	1866	1871	1878	rBV2	15743	44160	2.83%	0.262%

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Stop Thrs : 0

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37	13.312	1882	1885	1889	rVB2	15143	20422	1.31%	0.121%
38	13.361	1889	1893	1896	rBV2	17984	25994	1.67%	0.154%
39	13.422	1896	1903	1913	rBV	1010135	1559489	100.00%	9.260%
40	13.501	1913	1916	1920	rVB2	15044	20463	1.31%	0.122%
41	13.593	1925	1931	1932	rBV	49276	68186	4.37%	0.405%
42	13.623	1932	1936	1939	rVV2	97408	155835	9.99%	0.925%
43	13.666	1939	1943	1952	rVB4	105438	244994	15.71%	1.455%
44	13.751	1952	1957	1961	rBV2	39251	54112	3.47%	0.321%
45	13.818	1961	1968	1973	rVB	25427	40178	2.58%	0.239%
46	13.885	1973	1979	1981	rBV	43805	72310	4.64%	0.429%
47	13.910	1981	1983	1987	rVB	38021	48027	3.08%	0.285%
48	13.965	1987	1992	1999	rBV3	238937	390458	25.04%	2.319%
49	14.026	1999	2002	2006	rVB	19681	27792	1.78%	0.165%
50	14.074	2006	2010	2015	rVB2	68260	109584	7.03%	0.651%
51	14.147	2016	2022	2027	rVB6	13532	26513	1.70%	0.157%
52	14.208	2027	2032	2036	rBV2	24169	48123	3.09%	0.286%
53	14.294	2037	2046	2049	rBV	103794	176381	11.31%	1.047%
54	14.330	2049	2052	2056	rVB	74554	106904	6.86%	0.635%
55	14.379	2056	2060	2063	rBV2	58444	77310	4.96%	0.459%
56	14.416	2063	2066	2070	rVB2	27031	35444	2.27%	0.210%
57	14.477	2073	2076	2079	rBV	15617	20502	1.31%	0.122%
58	14.519	2079	2083	2086	rVV	36415	44329	2.84%	0.263%
59	14.562	2086	2090	2095	rVV2	78990	154867	9.93%	0.920%
60	14.611	2095	2098	2102	rVB	90097	119370	7.65%	0.709%
61	14.678	2102	2109	2115	rBV3	143658	324167	20.79%	1.925%
62	14.733	2115	2118	2124	rVB	70262	108858	6.98%	0.646%
63	14.903	2142	2146	2148	rBV2	28145	40115	2.57%	0.238%
64	14.946	2148	2153	2156	rVV2	106424	171983	11.03%	1.021%
65	15.050	2164	2170	2180	rVB2	100540	204447	13.11%	1.214%
66	15.135	2181	2184	2189	rVB4	17446	26991	1.73%	0.160%
67	15.233	2190	2200	2206	rBV	78536	192879	12.37%	1.145%
68	15.294	2206	2210	2213	rVB3	13128	17999	1.15%	0.107%
69	15.342	2213	2218	2222	rBV2	68368	115097	7.38%	0.683%
70	15.397	2222	2227	2229	rVV3	39051	62856	4.03%	0.373%
71	15.434	2229	2233	2241	rVB3	79529	136351	8.74%	0.810%
72	15.525	2241	2248	2254	rBV	102398	195481	12.53%	1.161%
73	15.598	2257	2260	2265	rVB2	19671	30699	1.97%	0.182%
74	15.690	2265	2275	2285	rBV3	68386	249471	16.00%	1.481%
75	15.812	2290	2295	2300	rVV	47631	88463	5.67%	0.525%
76	15.885	2300	2307	2324	rVB3	66801	205848	13.20%	1.222%

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77	16.025	2324	2330	2335	rBV3	24318	55836	3.58%	0.332%
78	16.190	2354	2357	2360	rBV2	10297	16951	1.09%	0.101%
79	16.287	2367	2373	2380	rBV	317681	621233	39.84%	3.689%
80	16.354	2381	2384	2393	rVB3	27698	55695	3.57%	0.331%
81	16.489	2398	2406	2419	rVB	143892	321834	20.64%	1.911%

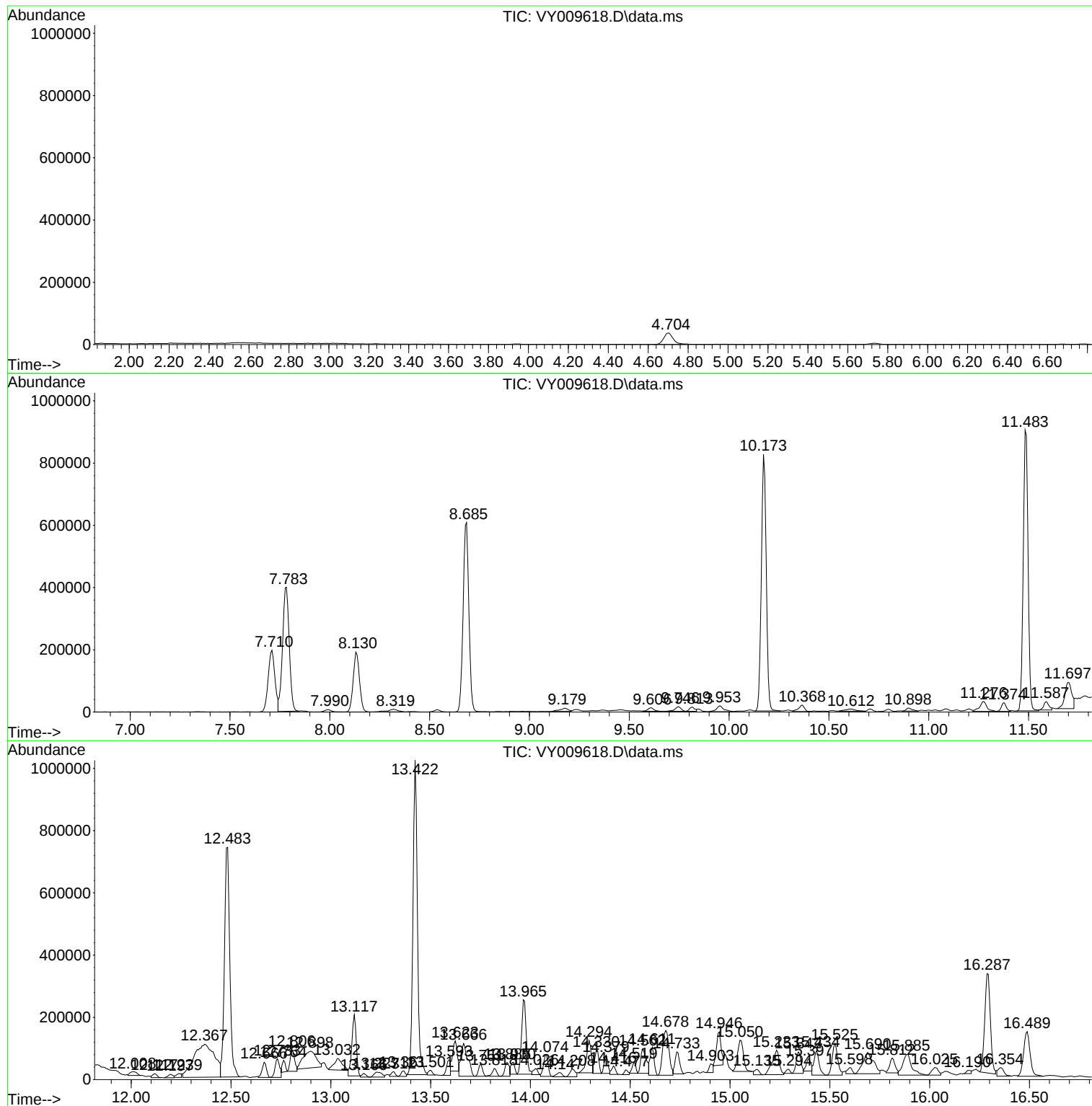
Sum of corrected areas: 16840491

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



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Instrument :
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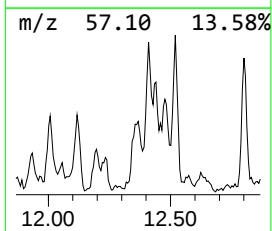
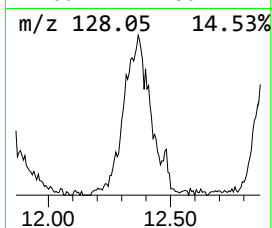
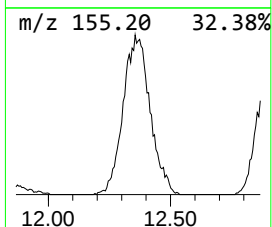
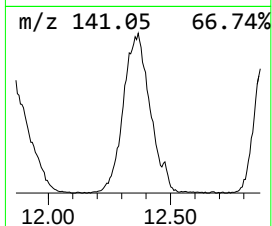
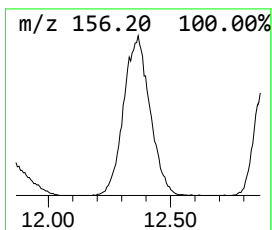
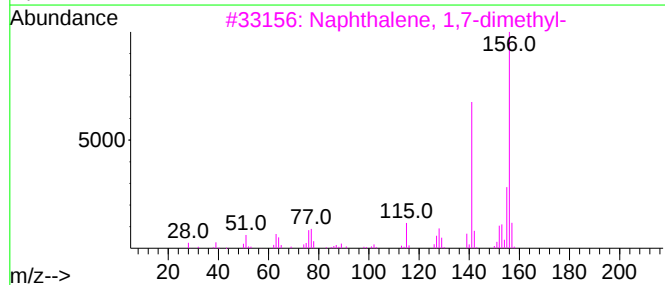
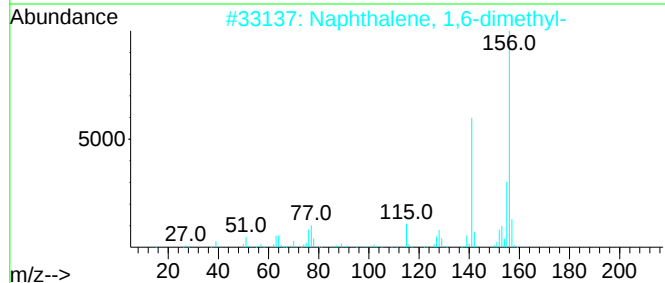
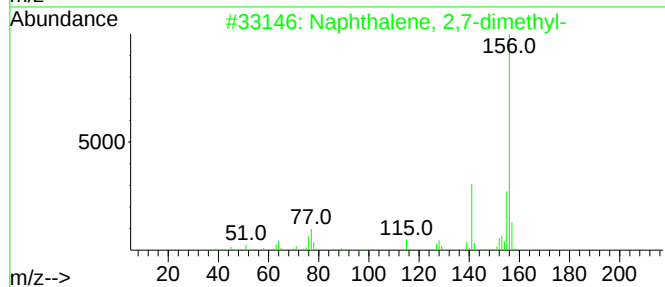
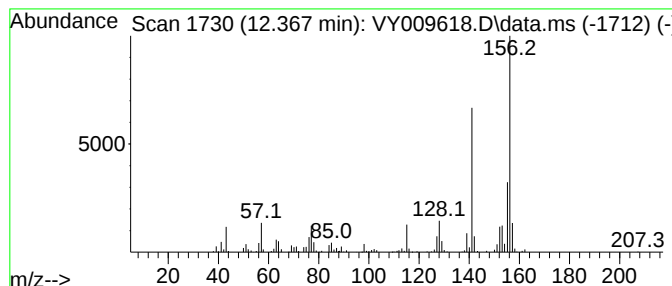
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	25.77 ug/l	772941	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

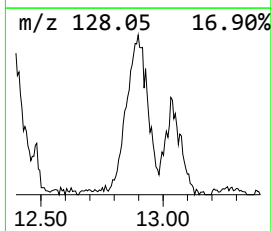
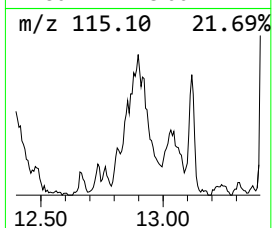
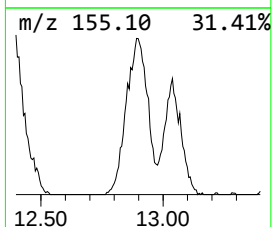
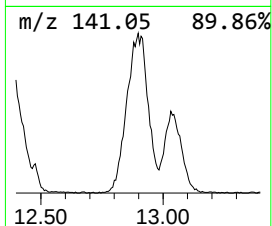
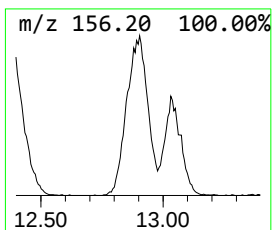
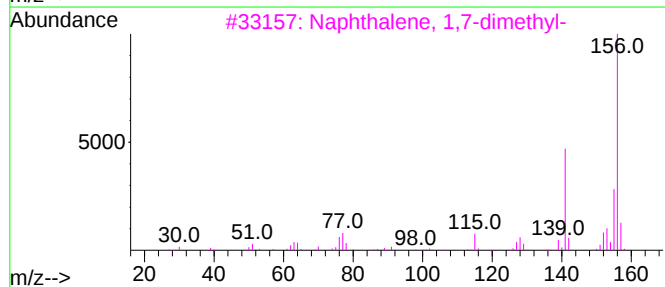
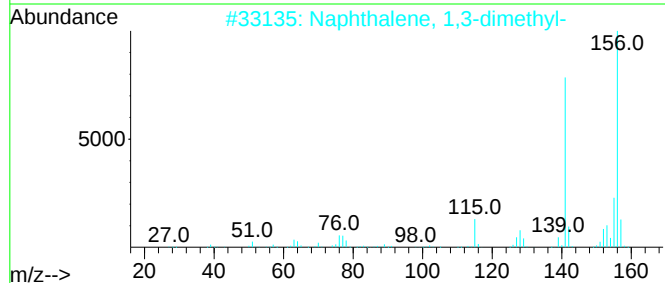
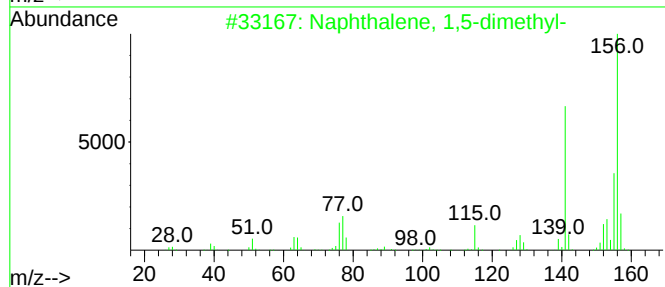
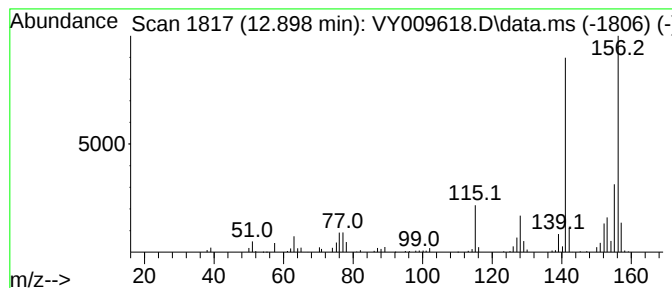
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	7.92 ug/l	246887	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



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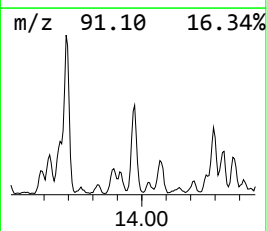
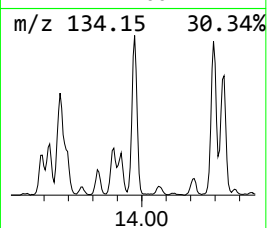
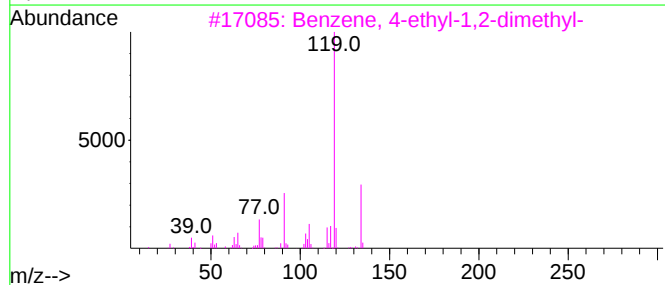
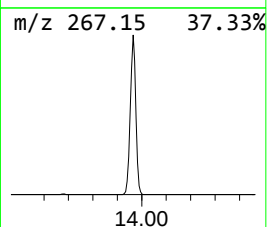
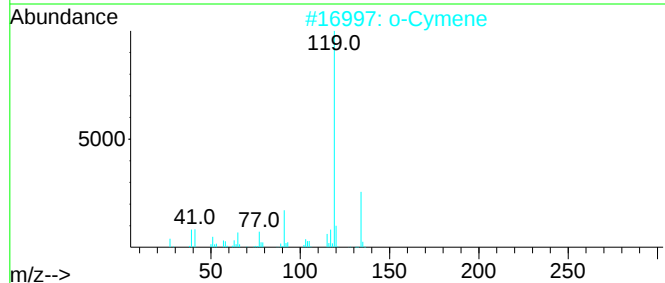
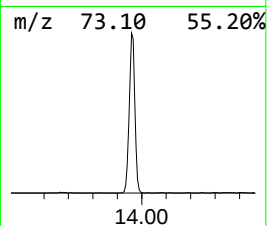
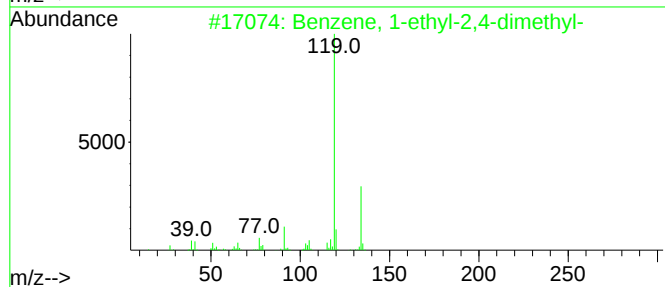
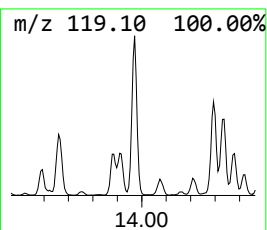
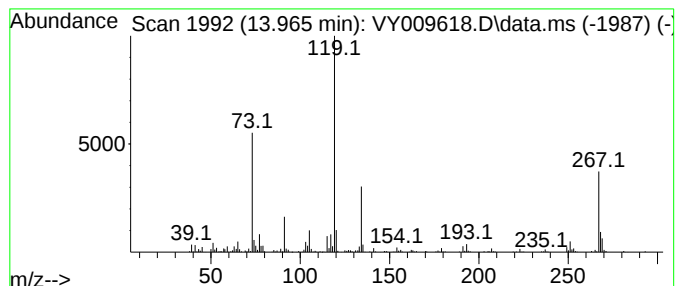
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	12.52 ug/l	390458	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2			o-Cymene	134	C10H14	000527-84-4	93
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92



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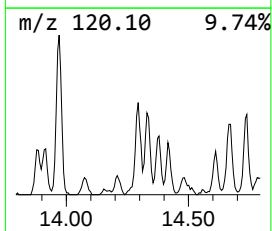
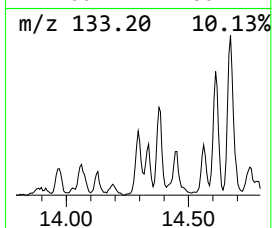
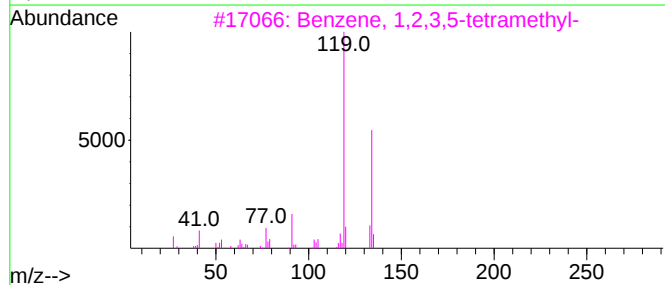
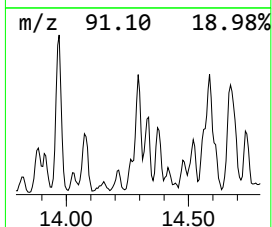
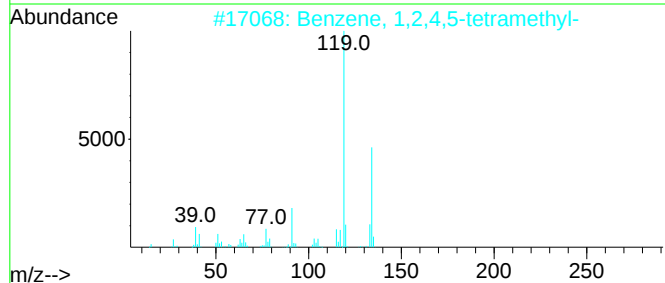
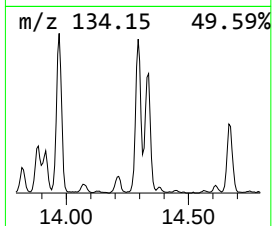
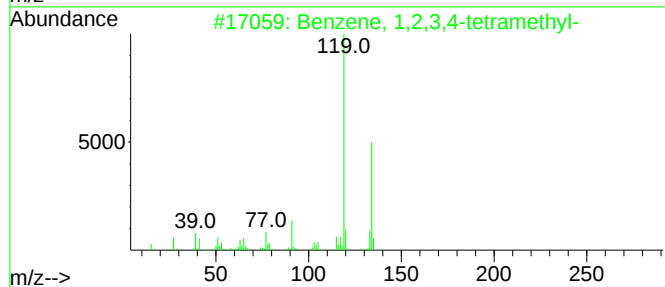
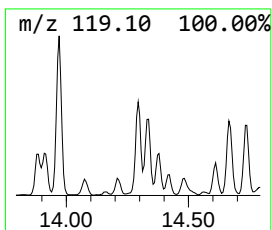
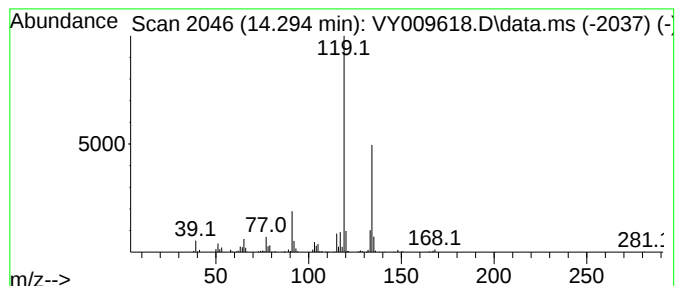
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	5.66 ug/l	176381	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

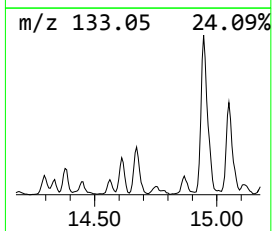
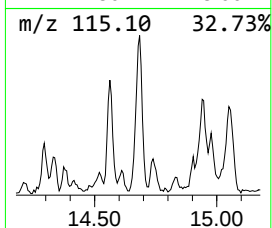
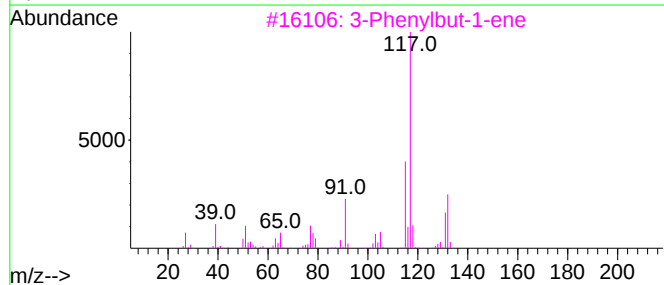
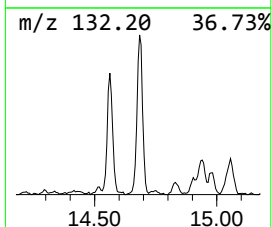
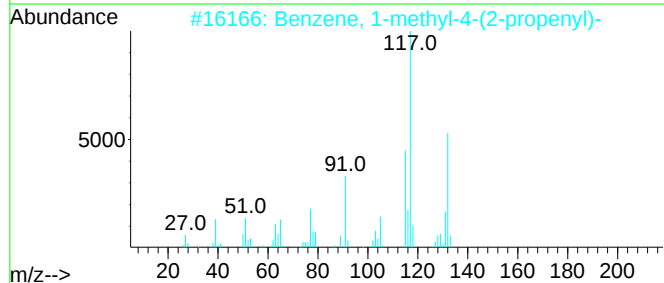
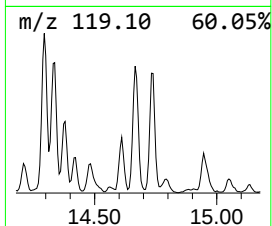
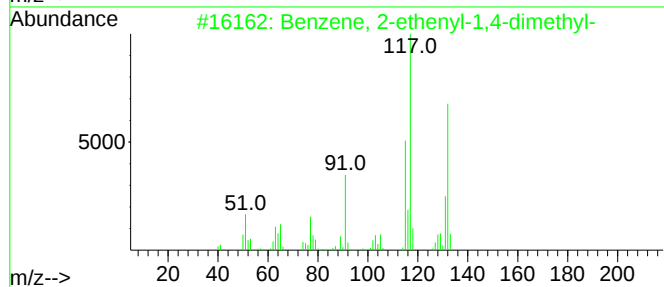
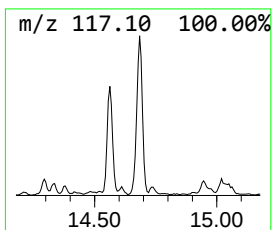
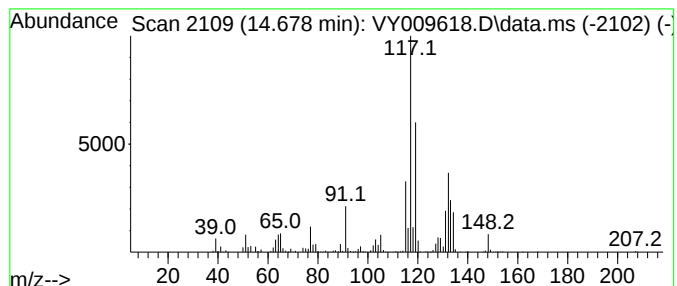
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	10.39 ug/l	324167	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/soil
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

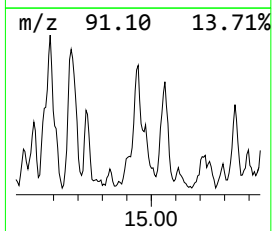
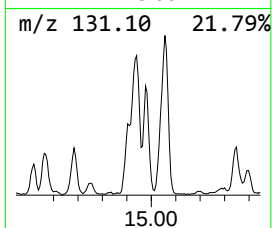
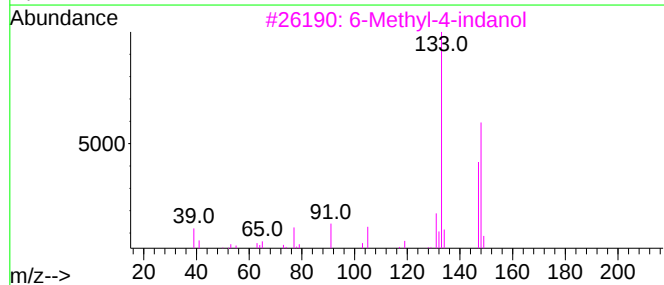
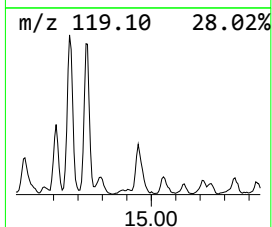
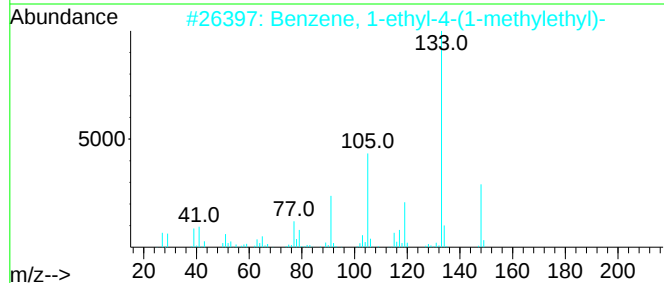
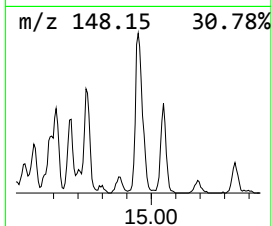
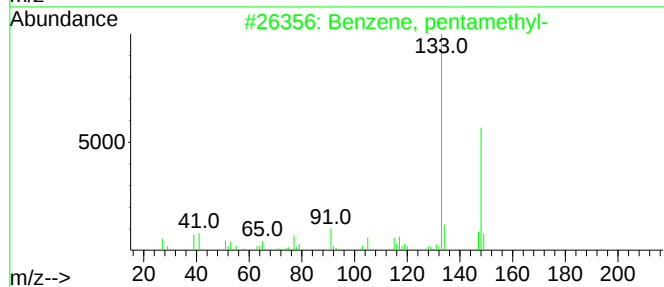
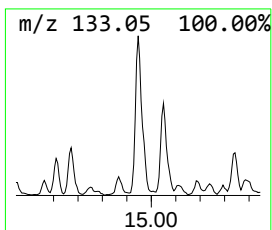
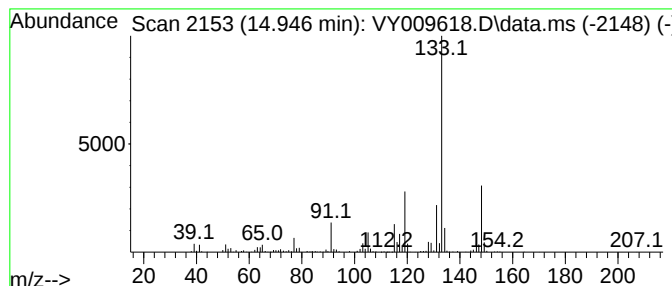
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	5.51 ug/l	171983	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
3			6-Methyl-4-indanol	148	C10H12O	020294-32-0	72
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

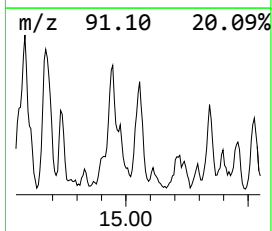
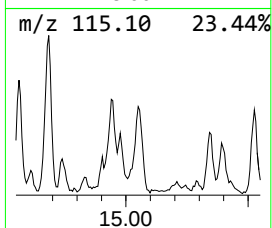
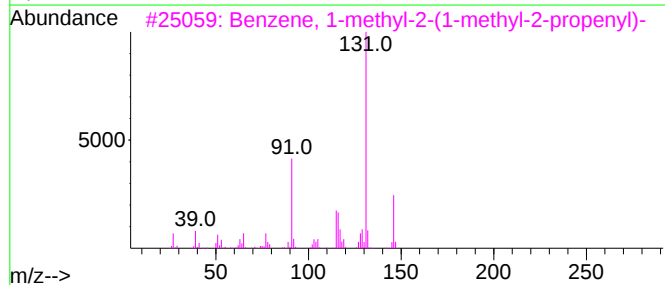
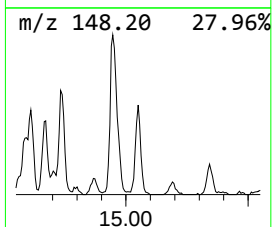
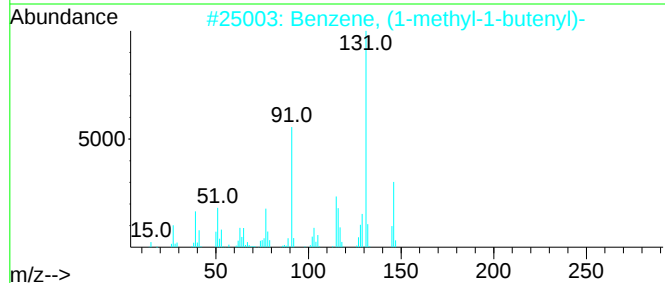
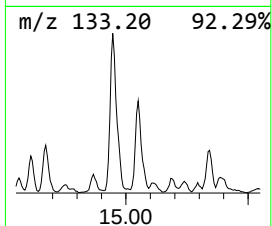
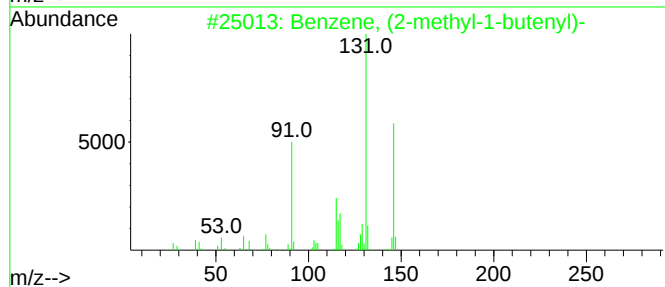
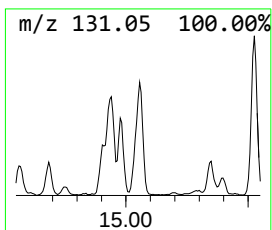
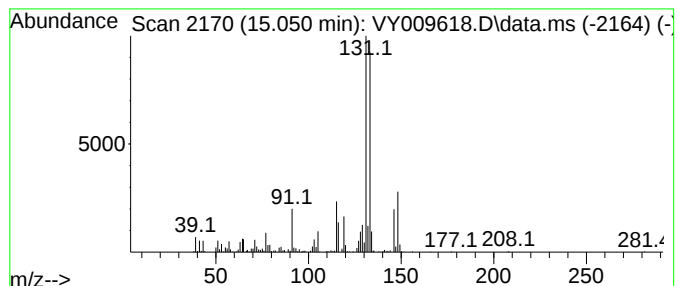
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	6.55 ug/l	204447	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
3			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

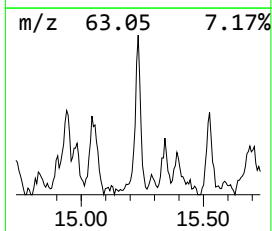
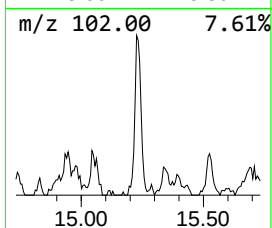
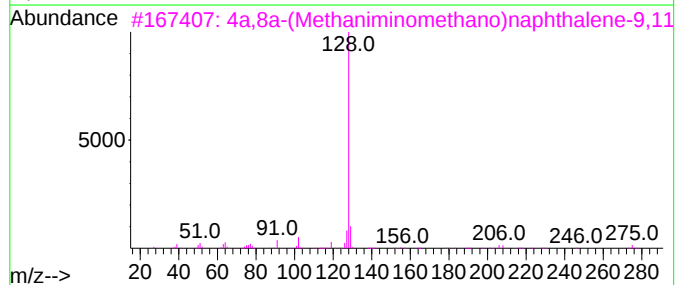
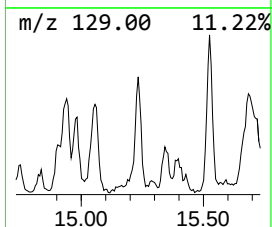
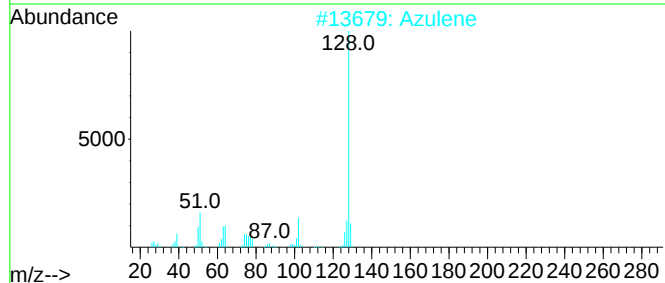
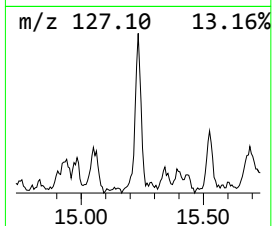
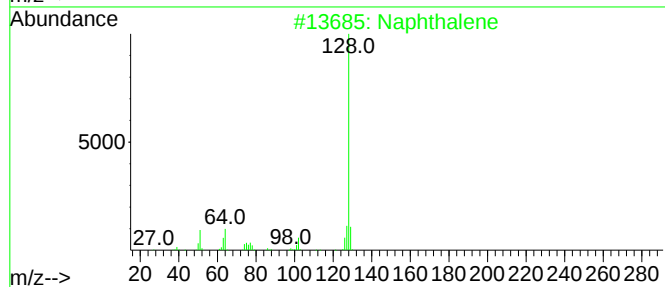
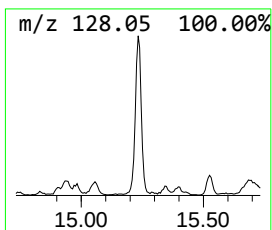
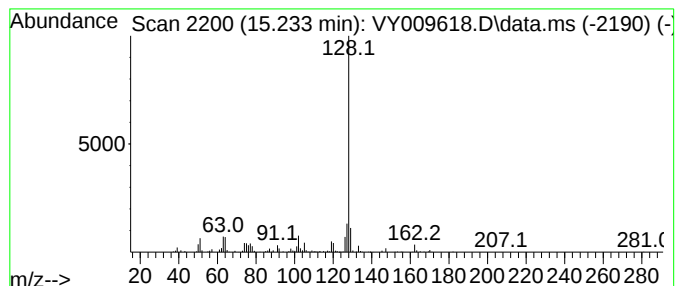
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 9 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	6.18 ug/l	192879	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	87
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	72
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	53
5			4-Phenylbut-3-ene-1-yne	128	C10H8	100022-12-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

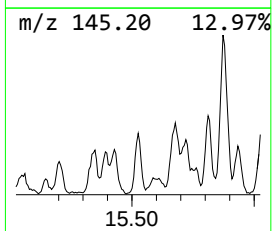
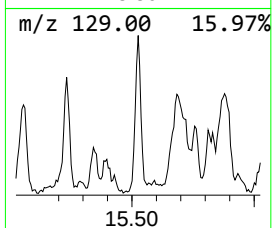
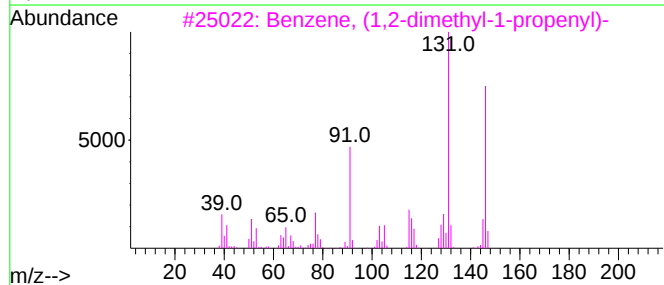
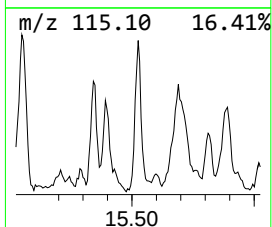
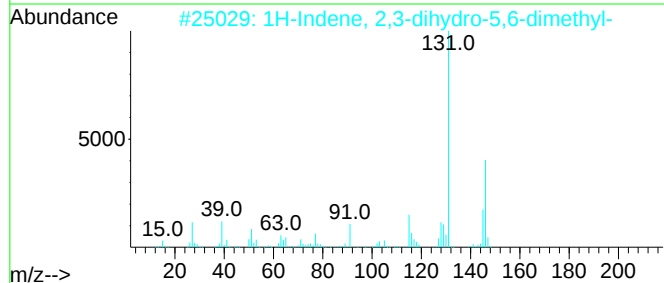
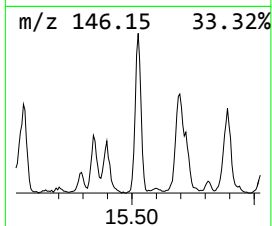
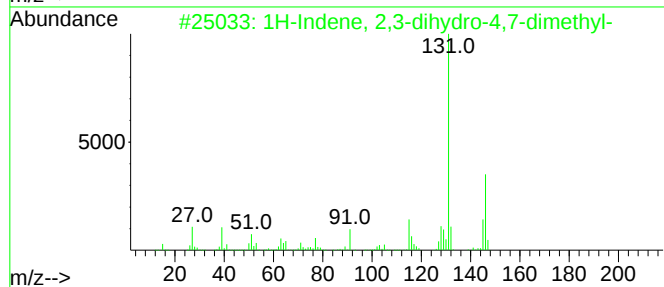
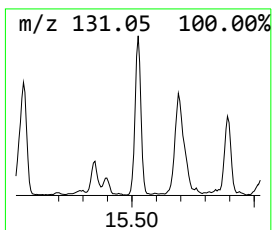
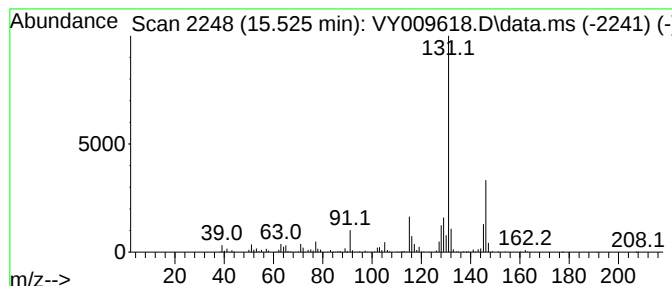
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Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.525	6.27 ug/l	195481	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009618.D
Acq On : 20 Jul 2022 17:29
Operator : KP/MD
Sample : N3726-04
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.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, 1,...	12.898	7.9	ug/l	246887	4	13.422	1559490	50.0
Benzene, 1-ethy...	13.965	12.5	ug/l	390458	4	13.422	1559490	50.0
Benzene, 1,2,3,...	14.294	5.7	ug/l	176381	4	13.422	1559490	50.0
Benzene, 2-ethe...	14.678	10.4	ug/l	324167	4	13.422	1559490	50.0
Benzene, pentam...	14.946	5.5	ug/l	171983	4	13.422	1559490	50.0
Benzene, (2-met...	15.050	6.5	ug/l	204447	4	13.422	1559490	50.0
Azulene	15.233	6.2	ug/l	192879	4	13.422	1559490	50.0
1H-Indene, 2,3-...	15.525	6.3	ug/l	195481	4	13.422	1559490	50.0