

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003530.D
 Acq On : 12 Nov 2020 13:44
 Operator : SY/MD
 Sample : L4622-07
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110320-16-17

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.865	17	21	30	rVB	11785	17776	2.24%	0.209%
2	2.225	74	80	91	rBV3	10989	29452	3.71%	0.347%
3	2.536	124	131	136	rBV6	4359	10277	1.29%	0.121%
4	3.261	244	250	260	rVB4	2961	9276	1.17%	0.109%
5	3.962	356	365	376	rVB	4515	14005	1.76%	0.165%
6	4.718	479	489	502	rBV3	11215	35058	4.41%	0.412%
7	5.755	647	659	668	rBV2	6783	22166	2.79%	0.261%
8	6.992	854	862	871	rBV4	2976	8540	1.07%	0.100%
9	7.724	971	982	987	rBV	132703	309893	38.99%	3.646%
10	7.797	987	994	1004	rVB	241843	553066	69.58%	6.507%
11	8.145	1042	1051	1062	rBV	136256	298819	37.59%	3.516%
12	8.693	1133	1141	1155	rBV	359225	718108	90.34%	8.449%
13	9.285	1231	1238	1246	rVB	11132	21606	2.72%	0.254%
14	10.181	1377	1385	1393	rBV	463314	794856	100.00%	9.352%
15	10.242	1393	1395	1401	rVB	6759	9593	1.21%	0.113%
16	10.931	1499	1508	1513	rBV7	5463	10671	1.34%	0.126%
17	11.284	1557	1566	1576	rVB6	4243	12026	1.51%	0.141%
18	11.492	1592	1600	1610	rBV	397800	659609	82.98%	7.760%
19	11.589	1610	1616	1625	rBV	36839	64019	8.05%	0.753%
20	11.699	1625	1634	1645	rBV	143281	279959	35.22%	3.294%
21	12.028	1674	1688	1695	rBV	70806	123159	15.49%	1.449%
22	12.101	1695	1700	1708	rVB3	11257	22162	2.79%	0.261%
23	12.205	1712	1717	1719	rBV6	4610	8512	1.07%	0.100%
24	12.241	1719	1723	1733	rVB10	7086	17068	2.15%	0.201%
25	12.327	1733	1737	1743	rBV2	8291	14402	1.81%	0.169%
26	12.479	1756	1762	1775	rVB	256486	405355	51.00%	4.769%
27	12.668	1780	1793	1797	rBV	17062	37780	4.75%	0.444%
28	12.729	1797	1803	1807	rBV	60458	102804	12.93%	1.209%
29	12.766	1807	1809	1811	rVB2	12938	10858	1.37%	0.128%
30	12.802	1811	1815	1822	rVB2	96291	157143	19.77%	1.849%
31	12.912	1829	1833	1837	rBV2	11474	16478	2.07%	0.194%
32	12.967	1837	1842	1849	rBV	50702	85208	10.72%	1.002%
33	13.034	1849	1853	1857	rBV	16351	21729	2.73%	0.256%
34	13.119	1858	1867	1872	rBV	173054	262194	32.99%	3.085%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.162	1872	1874	1880	rVB2	13296	17270	2.17%	0.203%
36	13.253	1885	1889	1891	rBV3	7615	10274	1.29%	0.121%
37	13.314	1894	1899	1903	rVB2	21944	34371	4.32%	0.404%
38	13.363	1903	1907	1910	rBV3	16415	21919	2.76%	0.258%
39	13.424	1910	1917	1920	rBV	273540	429770	54.07%	5.056%
40	13.589	1940	1944	1945	rBV2	10580	12737	1.60%	0.150%
41	13.619	1945	1949	1953	rVV	55535	87378	10.99%	1.028%
42	13.662	1953	1956	1965	rVB4	48762	93157	11.72%	1.096%
43	13.753	1965	1971	1975	rBV2	104390	159996	20.13%	1.882%
44	13.820	1978	1982	1986	rVV	27510	35168	4.42%	0.414%
45	13.881	1988	1992	1994	rBV	28418	38408	4.83%	0.452%
46	13.912	1994	1997	2002	rVB	44900	67454	8.49%	0.794%
47	13.967	2002	2006	2011	rVB	50013	75148	9.45%	0.884%
48	14.028	2011	2016	2019	rBV3	9959	22187	2.79%	0.261%
49	14.076	2019	2024	2030	rVB	46576	70566	8.88%	0.830%
50	14.143	2031	2035	2036	rBV3	5542	8117	1.02%	0.095%
51	14.186	2036	2042	2049	rBV	538331	737371	92.77%	8.675%
52	14.332	2063	2066	2070	rVB	44354	61466	7.73%	0.723%
53	14.375	2070	2073	2077	rBV	26341	37272	4.69%	0.439%
54	14.418	2077	2080	2086	rVB4	20094	28437	3.58%	0.335%
55	14.515	2092	2096	2100	rVB4	11702	20101	2.53%	0.236%
56	14.564	2100	2104	2107	rBV	25049	40389	5.08%	0.475%
57	14.607	2107	2111	2116	rVB	102278	140886	17.72%	1.658%
58	14.674	2116	2122	2128	rBV3	78918	179119	22.53%	2.107%
59	14.729	2128	2131	2138	rVB2	32743	55685	7.01%	0.655%
60	14.832	2143	2148	2153	rVB	50812	76917	9.68%	0.905%
61	14.942	2162	2166	2169	rBV4	19158	30189	3.80%	0.355%
62	15.052	2178	2184	2189	rBV4	23224	45744	5.76%	0.538%
63	15.131	2194	2197	2203	rVB5	18271	33596	4.23%	0.395%
64	15.210	2204	2210	2213	rBV4	27413	60637	7.63%	0.713%
65	15.290	2219	2223	2227	rBV	18893	28223	3.55%	0.332%
66	15.344	2228	2232	2234	rBV4	10737	17740	2.23%	0.209%
67	15.430	2242	2246	2255	rVB	55868	92280	11.61%	1.086%
68	15.521	2255	2261	2269	rVV5	15267	39412	4.96%	0.464%
69	15.601	2270	2274	2280	rVB5	12411	22271	2.80%	0.262%
70	15.722	2290	2294	2300	rVB2	31683	55119	6.93%	0.648%
71	15.893	2315	2322	2331	rBV	100069	178216	22.42%	2.097%

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Integration Parameters: RTEINT.P

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Stop Thrs : 0 Peak Location: TOP

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72	16.033	2337	2345	2350	rBV3	21958	48568	6.11%	0.571%
73	16.149	2360	2364	2368	rBV5	7450	10930	1.38%	0.129%
74	16.222	2372	2376	2382	rVV4	15158	30608	3.85%	0.360%
75	16.289	2382	2387	2392	rVV2	14309	27805	3.50%	0.327%
76	16.357	2395	2398	2404	rVB	15800	25275	3.18%	0.297%
77	16.485	2413	2419	2426	rBV7	10129	27924	3.51%	0.329%

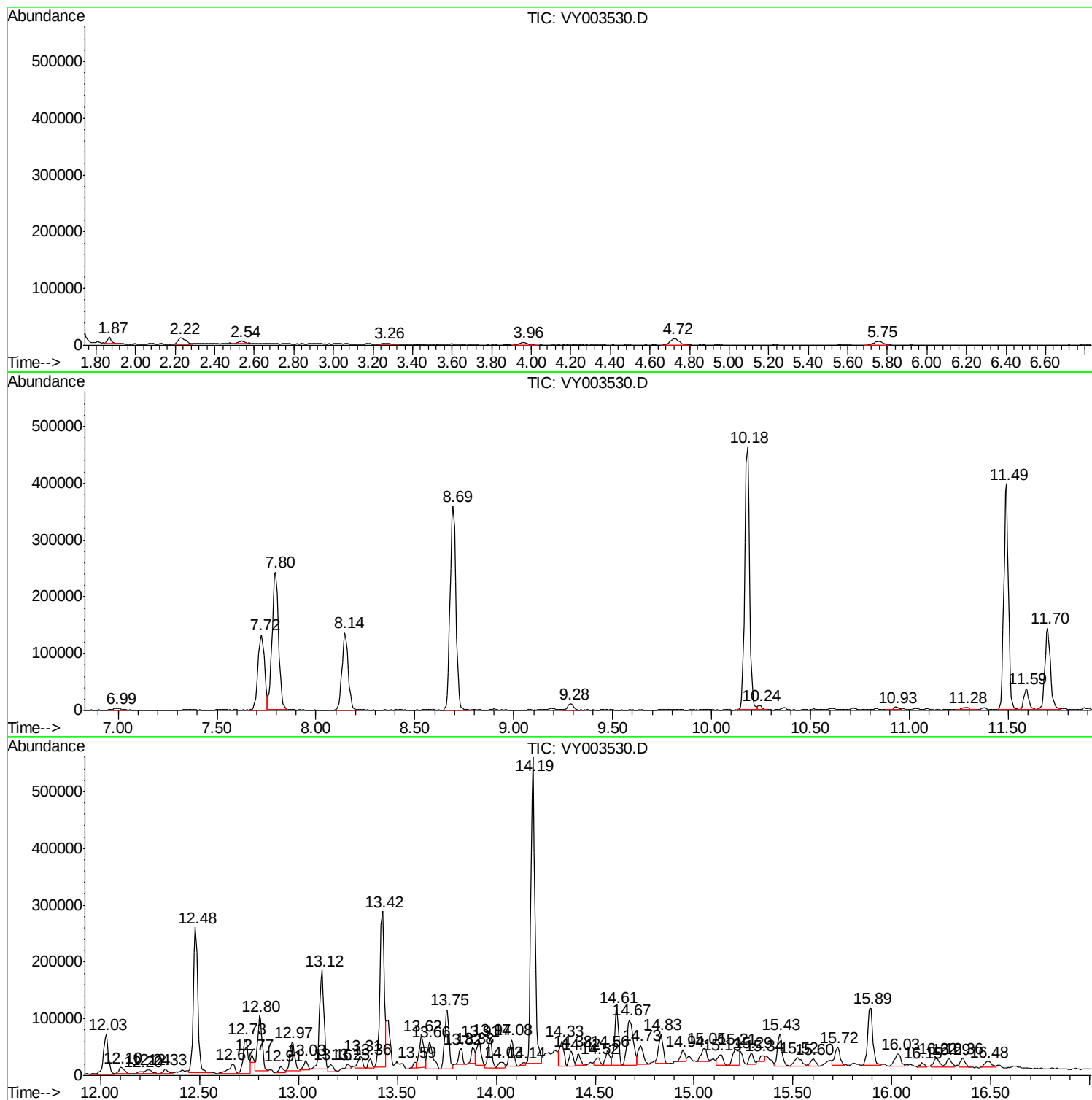
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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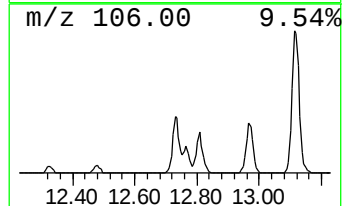
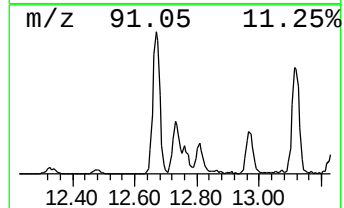
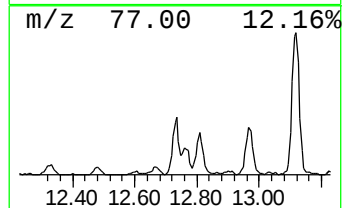
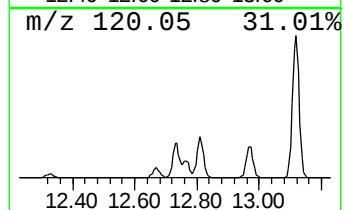
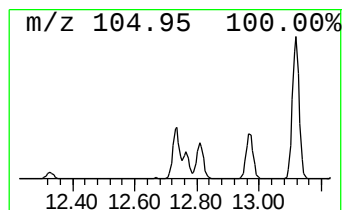
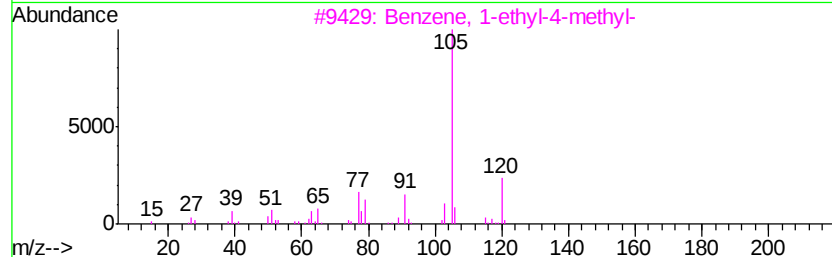
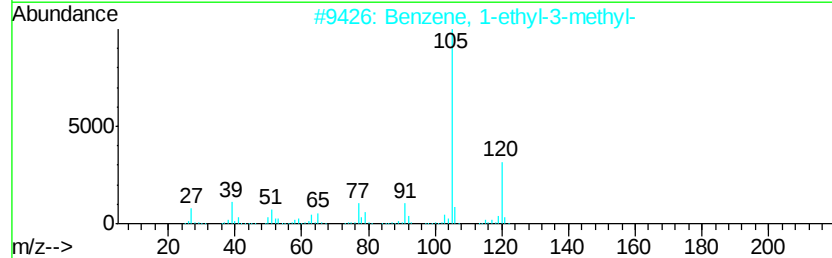
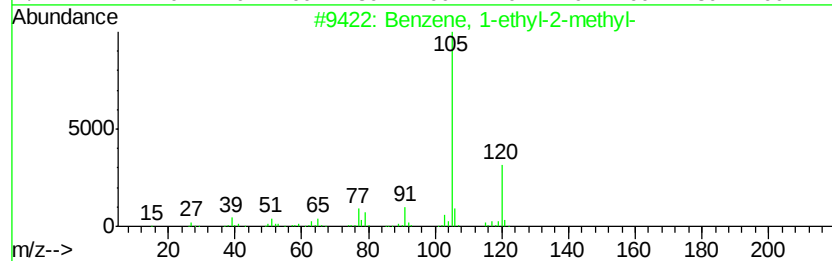
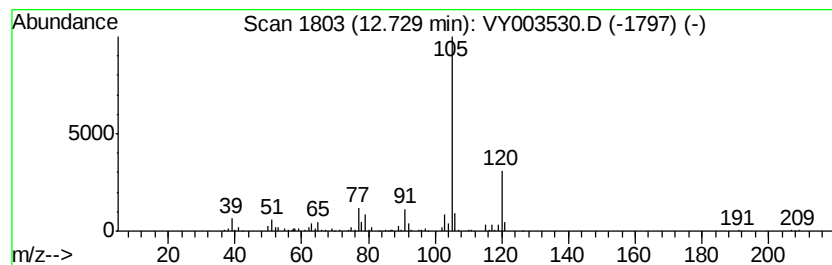
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	11.96 ug/l	102804	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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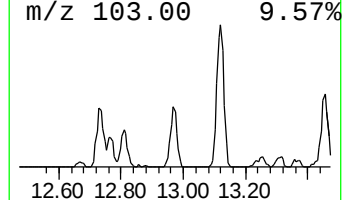
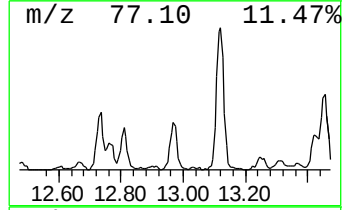
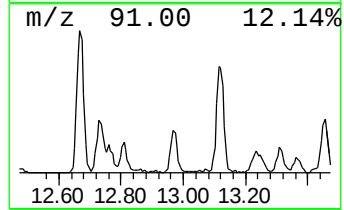
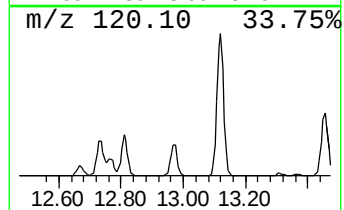
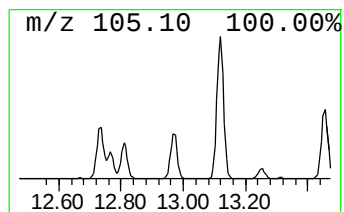
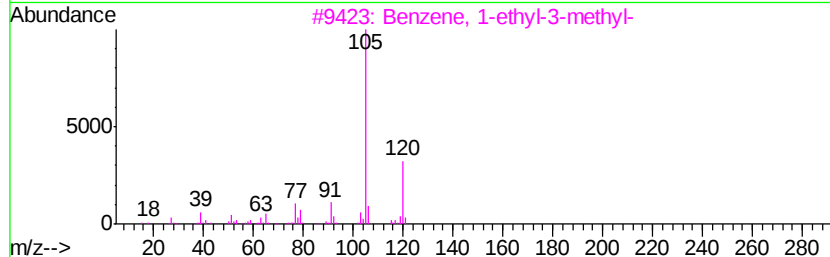
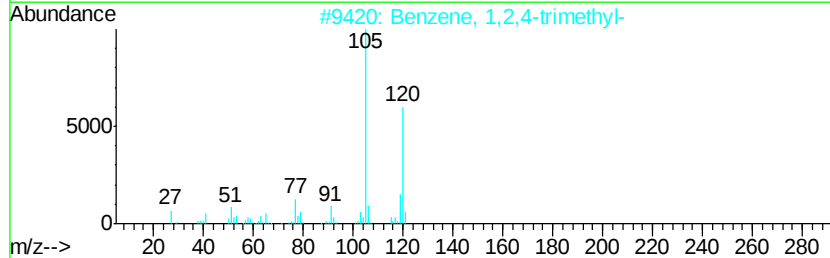
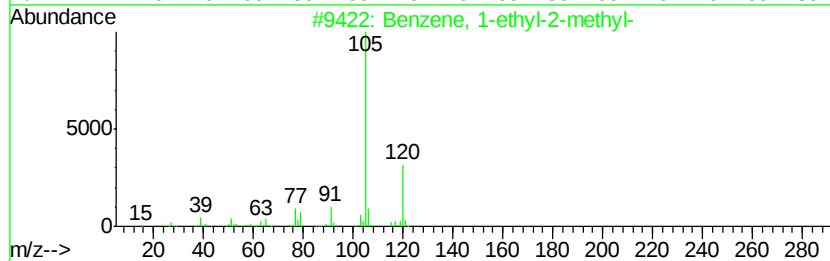
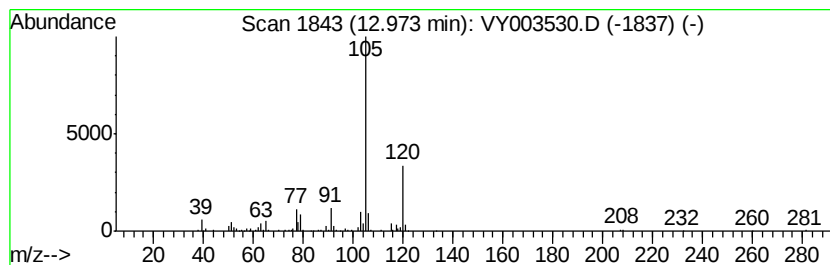
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	9.91 ug/l	85208	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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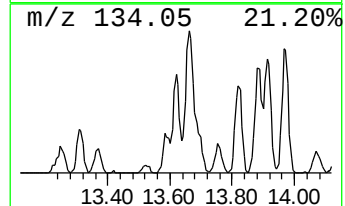
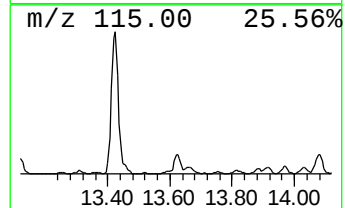
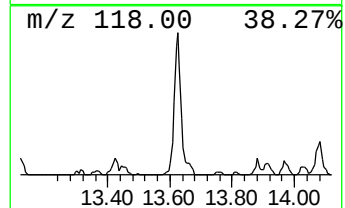
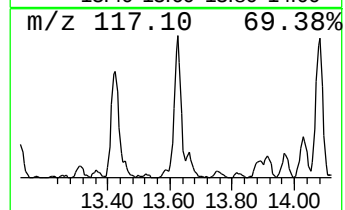
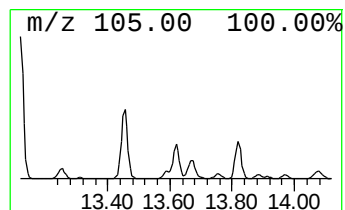
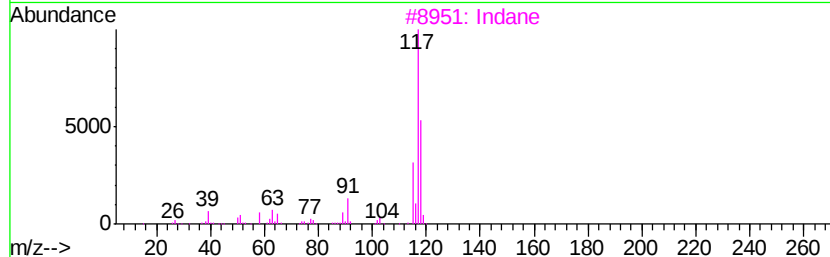
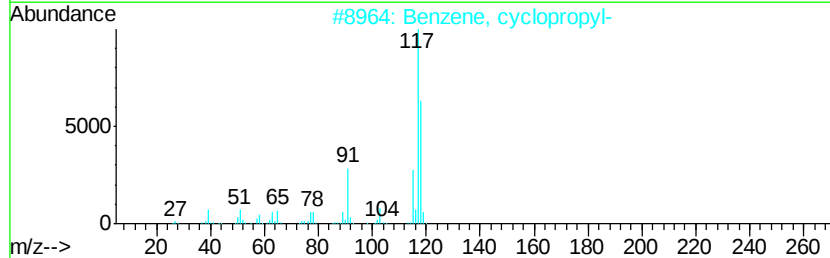
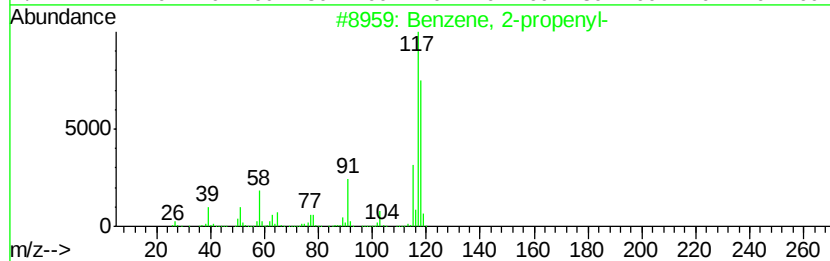
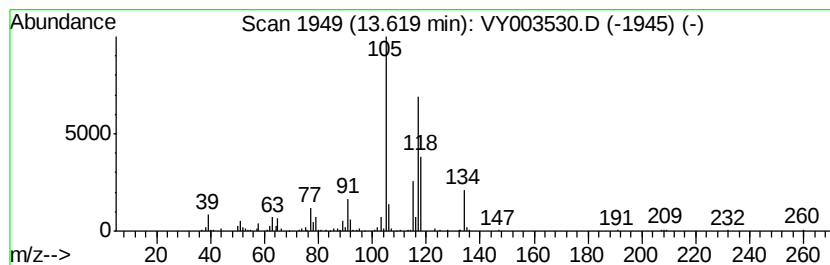
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	10.17 ug/l	87378	1,4-Dichlorobenzene-d4	13.42

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
3	Indane	118	C9H10	000496-11-7	55
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46



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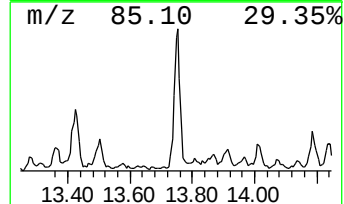
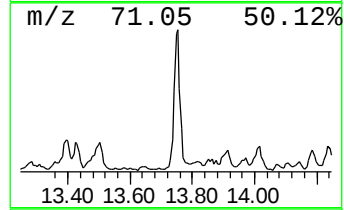
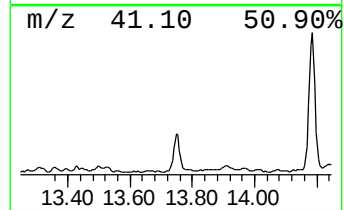
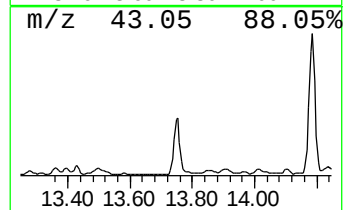
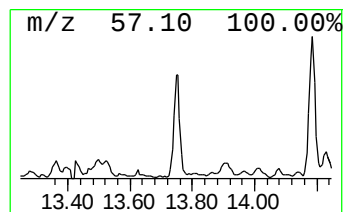
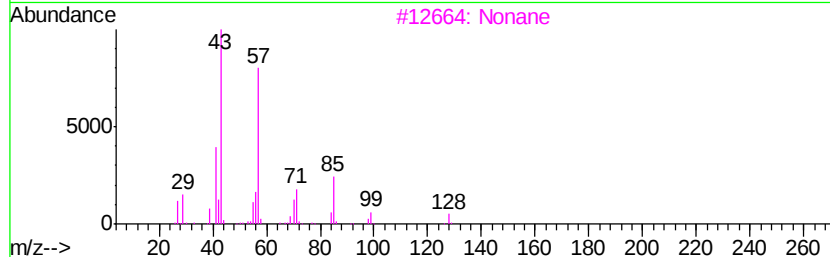
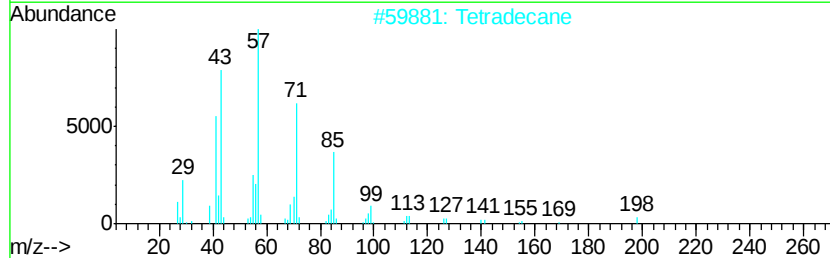
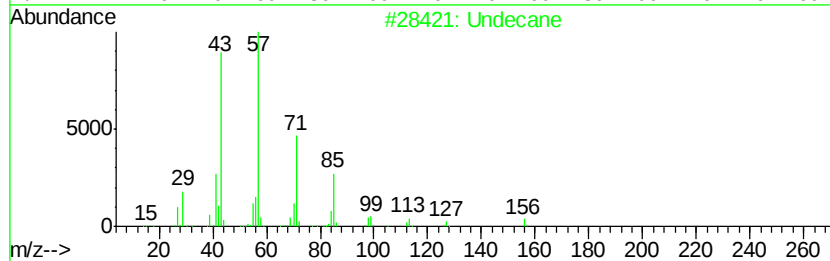
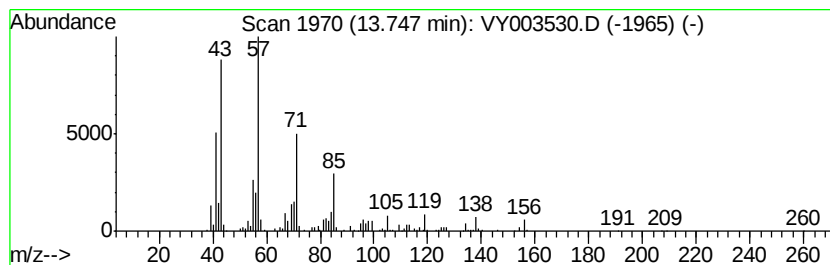
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MSVOA_Y
ClientSampleId :
PAV-B12-110320-16-17

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	18.61 ug/l	159996	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	70
2	Tetradecane	198 C14H30	000629-59-4	64
3	Nonane	128 C9H20	000111-84-2	53
4	Tridecane	184 C13H28	000629-50-5	50
5	Sulfurous acid, hexyl octyl ester	278 C14H30O3S	1000309-13-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110320-16-17

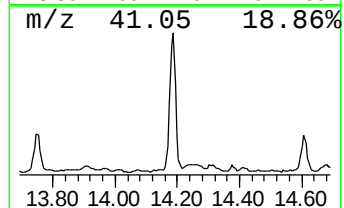
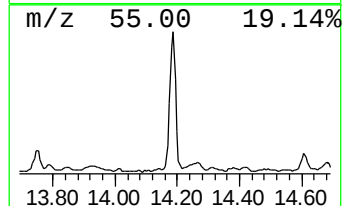
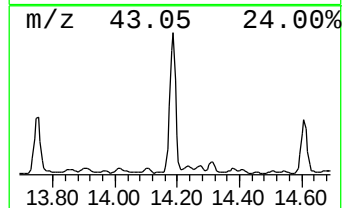
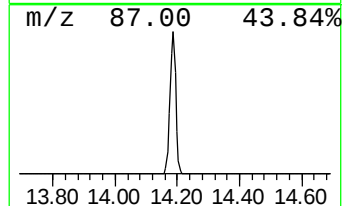
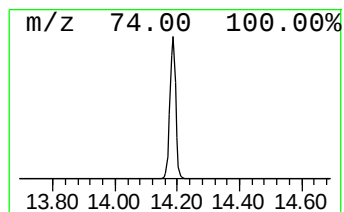
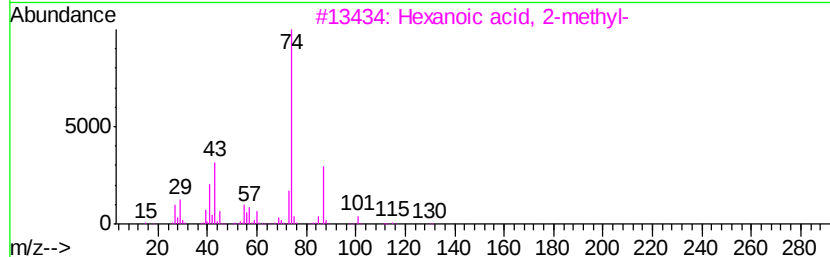
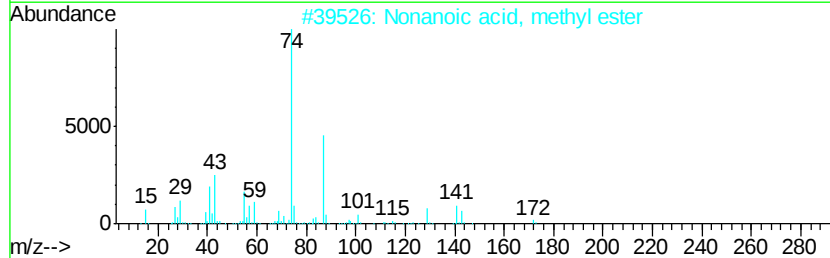
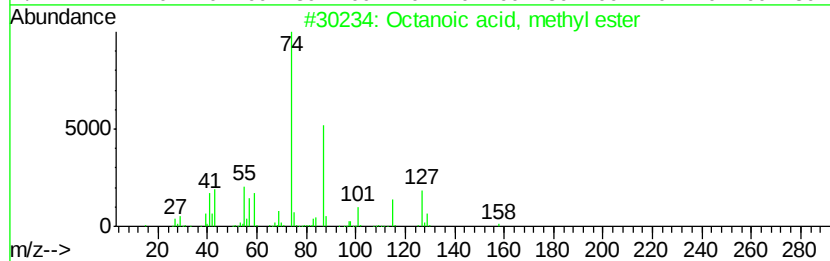
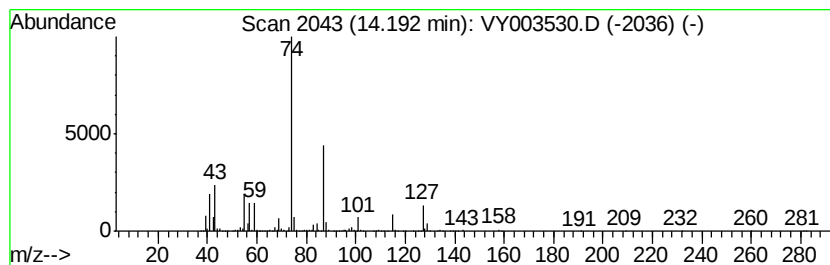
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	85.79 ug/l	737371	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	95
2		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
3		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
4		Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	72
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

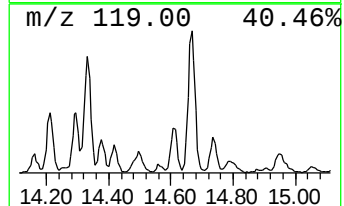
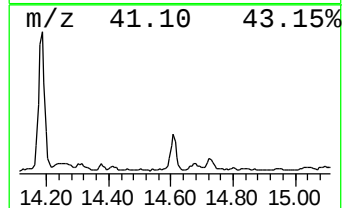
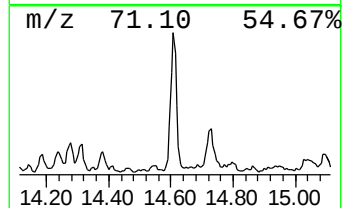
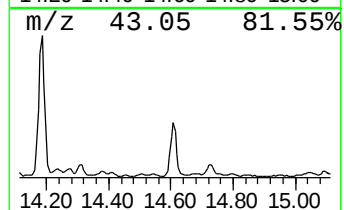
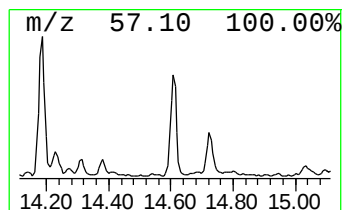
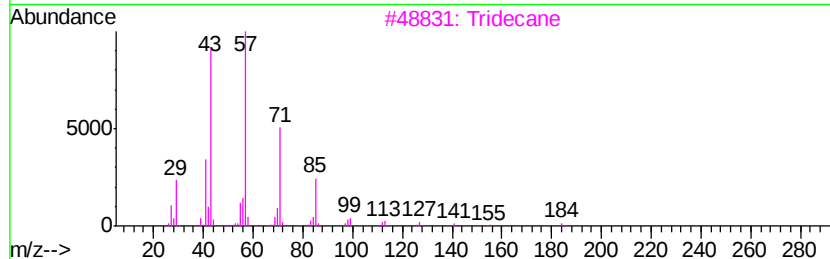
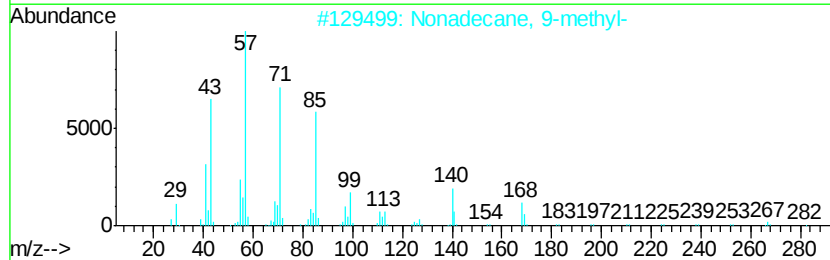
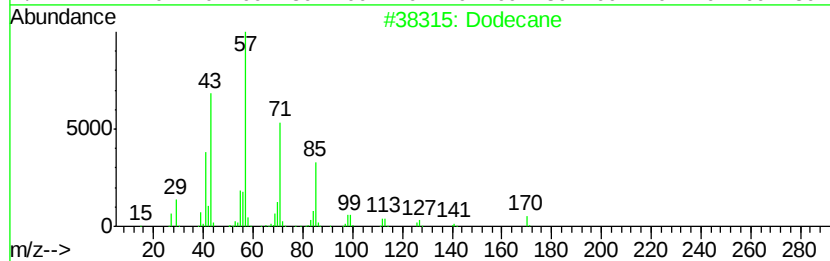
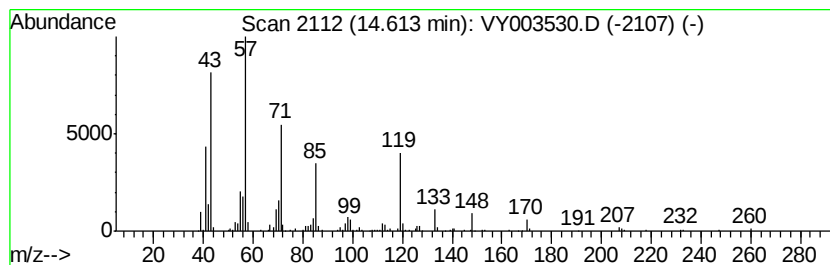
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ClientSampleId :
PAV-B12-110320-16-17

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.61	16.39 ug/l	140886	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	62
3	Tridecane	184	C13H28	000629-50-5	58
4	Undecane	156	C11H24	001120-21-4	58
5	Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110320-16-17

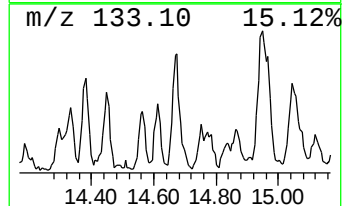
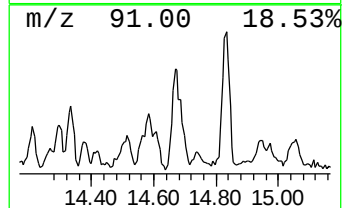
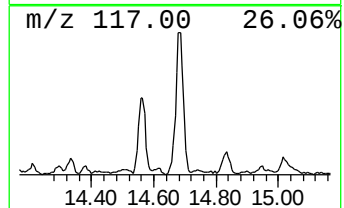
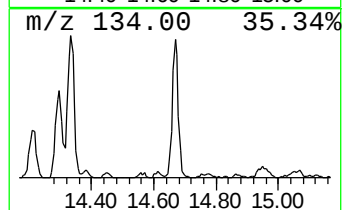
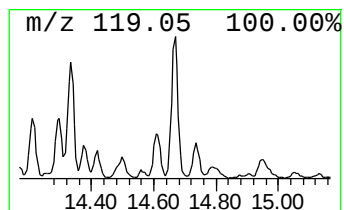
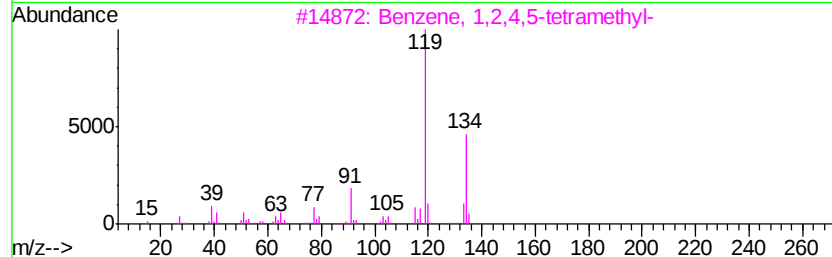
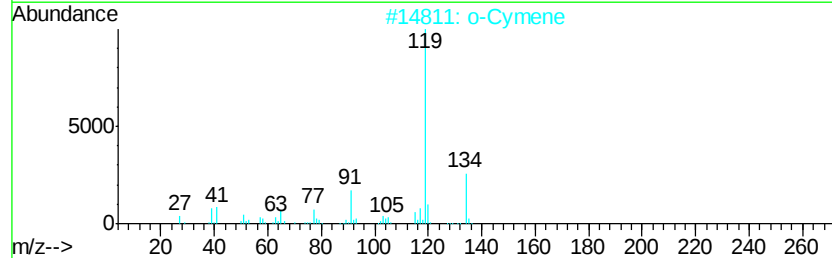
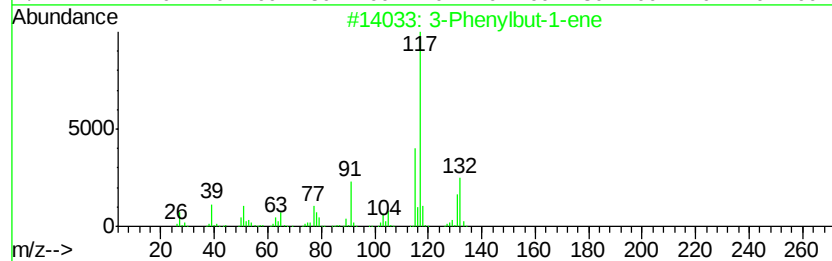
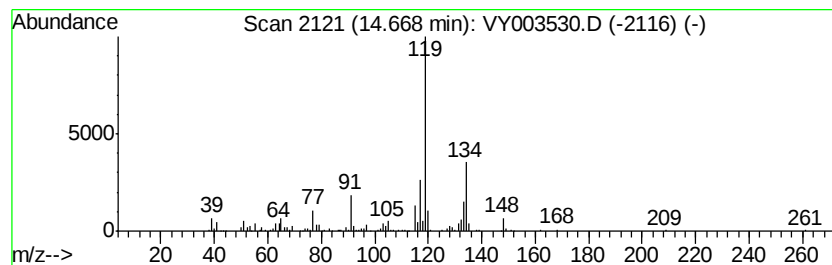
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	20.84 ug/l	179119	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2		o-Cymene	134	C10H14	000527-84-4	60
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4		p-Cymene	134	C10H14	000099-87-6	60
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

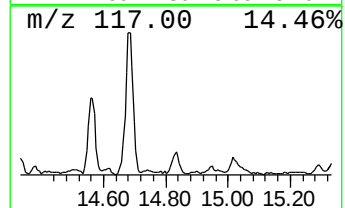
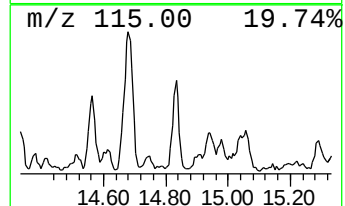
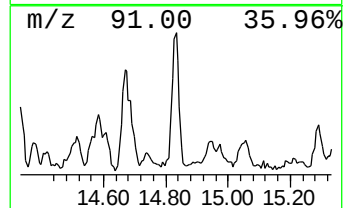
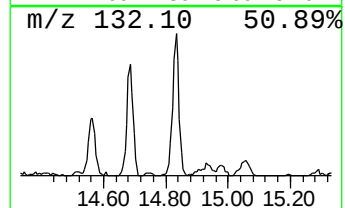
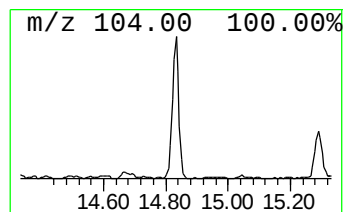
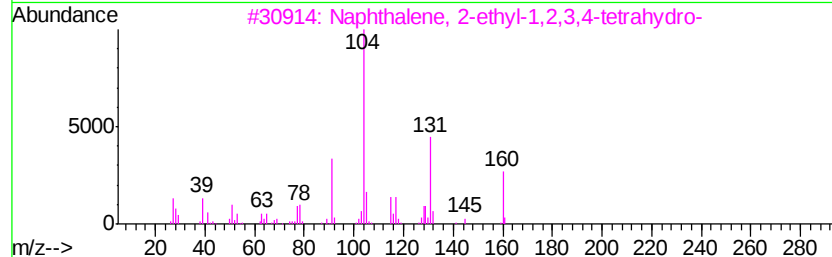
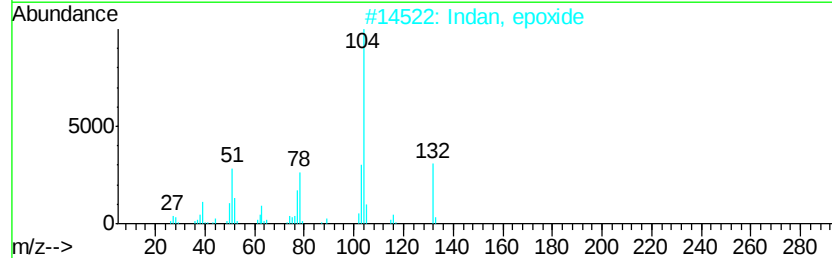
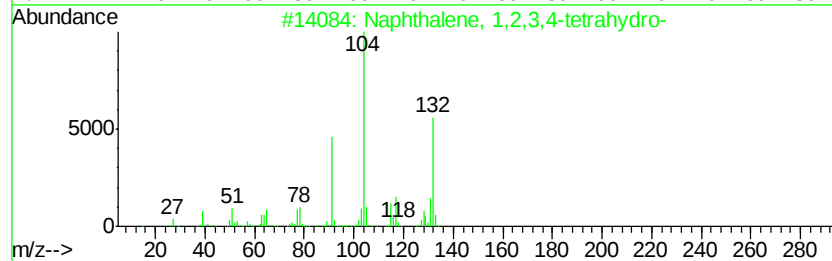
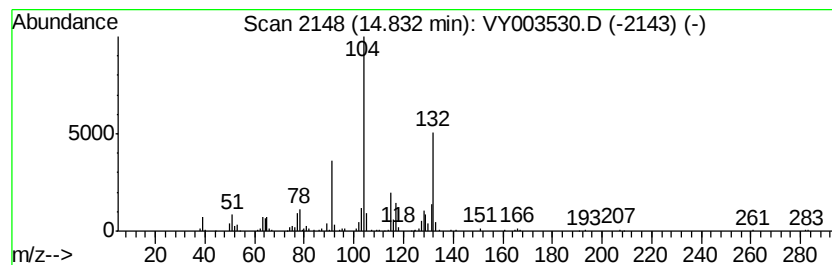
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.95 ug/l	76917	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132 C10H12	000119-64-2 96
2		Indan, epoxide	132 C9H8O	000768-22-9 60
3		Naphthalene, 2-ethyl-1,2,3,4-tetrahydro-	160 C12H16	032367-54-7 53
4		Cyclopropanamine, 1-phenyl-	133 C9H11N	1000351-26-2 53
5		4-Methylpyrrolo[1,2-a]pyrazine	132 C8H8N2	064608-60-2 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

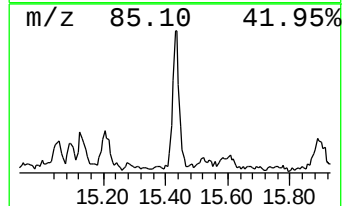
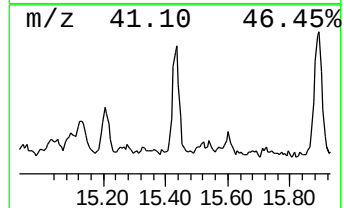
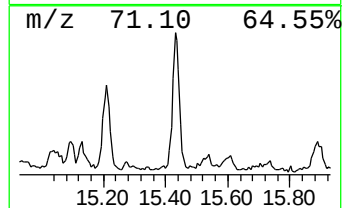
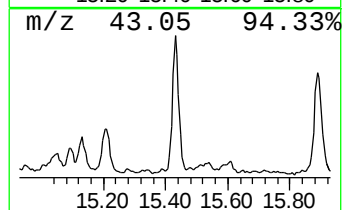
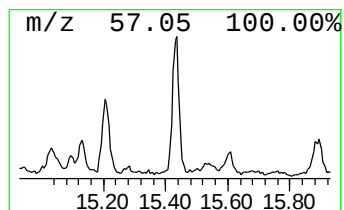
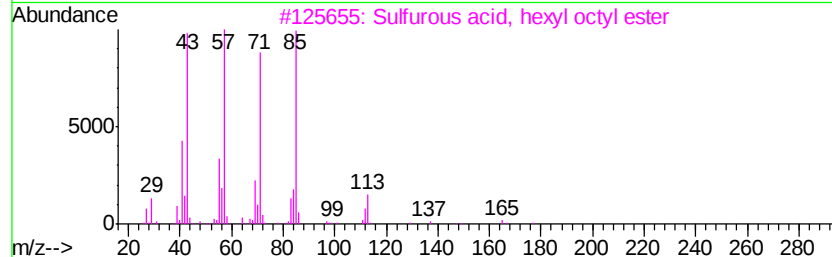
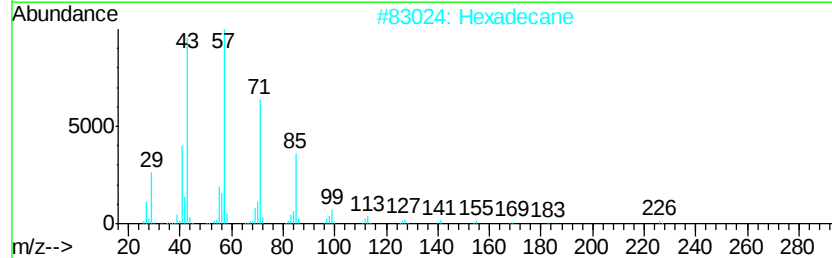
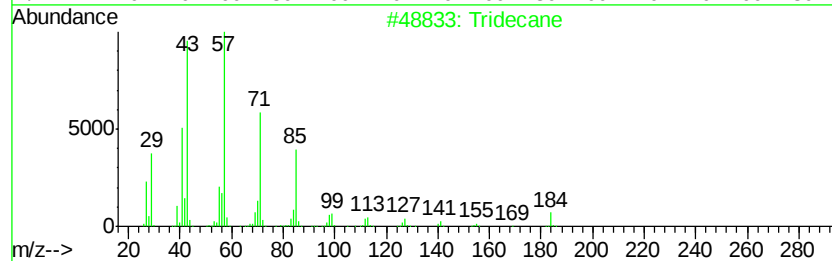
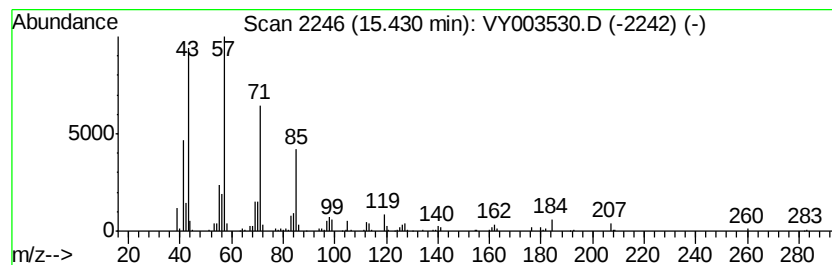
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.43	10.74 ug/l	92280	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	80
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAV-B12-110320-16-17

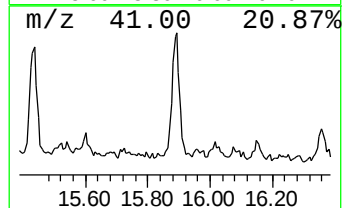
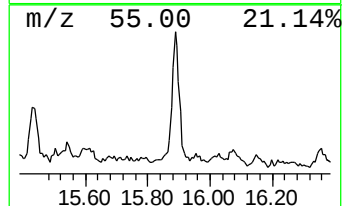
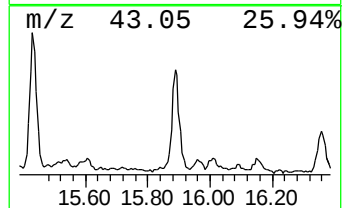
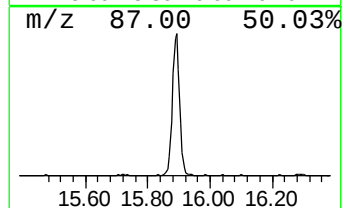
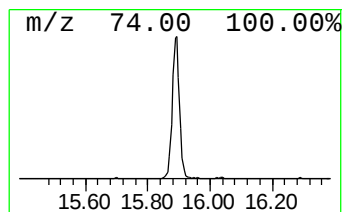
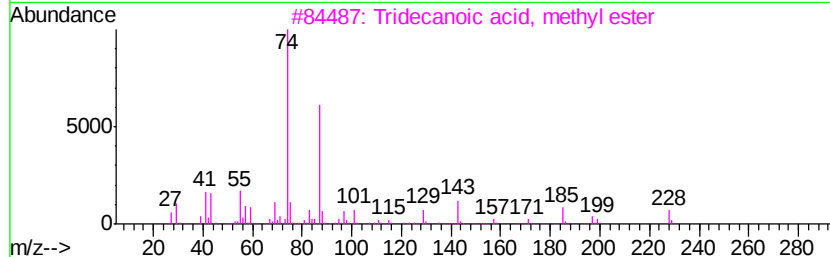
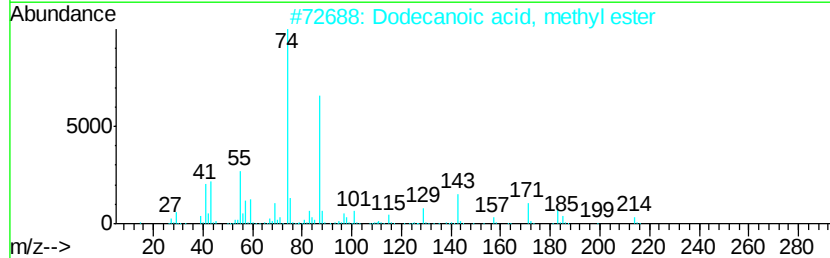
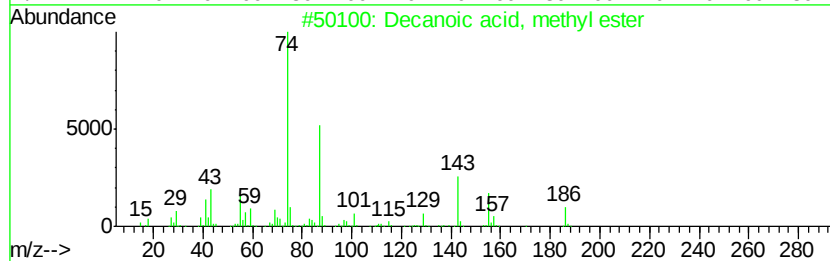
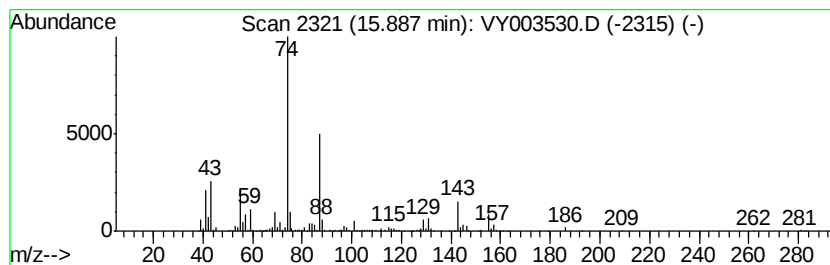
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	20.73 ug/l	178216	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	97
2		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	78
4		Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	74
5		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111220\
Data File : VY003530.D
Acq On : 12 Nov 2020 13:44
Operator : SY/MD
Sample : L4622-07
Misc : 5.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110320-16-17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.73	12.0	ug/l	102804	4	13.42	429770	50.0
Benzene, 1,2,4-tr...	12.97	9.9	ug/l	85208	4	13.42	429770	50.0
Benzene, 2-propenyl-	13.62	10.2	ug/l	87378	4	13.42	429770	50.0
Undecane	13.75	18.6	ug/l	159996	4	13.42	429770	50.0
Octanoic acid, me...	14.19	85.8	ug/l	737371	4	13.42	429770	50.0
Dodecane	14.61	16.4	ug/l	140886	4	13.42	429770	50.0
3-Phenylbut-1-ene	14.67	20.8	ug/l	179119	4	13.42	429770	50.0
Naphthalene, 1,2,...	14.83	8.9	ug/l	76917	4	13.42	429770	50.0
Tridecane	15.43	10.7	ug/l	92280	4	13.42	429770	50.0
Decanoic acid, me...	15.89	20.7	ug/l	178216	4	13.42	429770	50.0