

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002662.D
 Acq On : 12 May 2020 12:47
 Operator : SY/MD
 Sample : L2575-01
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28

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\82Y043020S.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	4.103	383	388	398	rBV3	602	1558	1.13%	0.210%
2	7.724	975	982	988	rBV	15554	36557	26.41%	4.930%
3	7.797	988	994	1005	rVB	46635	101838	73.57%	13.733%
4	8.151	1042	1052	1060	rVB	12356	26385	19.06%	3.558%
5	8.693	1134	1141	1151	rVB	57715	110156	79.57%	14.855%
6	10.181	1378	1385	1393	rBV	81443	138431	100.00%	18.668%
7	10.723	1470	1474	1479	rVB5	1083	1604	1.16%	0.216%
8	11.491	1590	1600	1606	rBV	58032	95128	68.72%	12.828%
9	11.699	1630	1634	1637	rBV4	1407	2232	1.61%	0.301%
10	12.052	1688	1692	1694	rVB4	1078	1598	1.15%	0.215%
11	12.485	1755	1763	1771	rVV	35729	62935	45.46%	8.487%
12	12.680	1793	1795	1800	rVB6	1639	1901	1.37%	0.256%
13	13.077	1855	1860	1863	rBV5	1446	2697	1.95%	0.364%
14	13.119	1863	1867	1871	rVB3	1534	2603	1.88%	0.351%
15	13.259	1884	1890	1895	rVV5	1613	3337	2.41%	0.450%
16	13.363	1900	1907	1912	rVV6	3834	8805	6.36%	1.187%
17	13.424	1912	1917	1925	rVB	33351	53297	38.50%	7.187%
18	13.698	1953	1962	1966	rBV6	4191	7795	5.63%	1.051%
19	13.741	1966	1969	1973	rBV4	1100	1816	1.31%	0.245%
20	14.479	2085	2090	2094	rBV3	3999	6439	4.65%	0.868%
21	14.674	2115	2122	2129	rBV6	5221	13656	9.86%	1.842%
22	14.869	2152	2154	2158	rVB4	1201	1405	1.01%	0.189%
23	15.009	2171	2177	2182	rBV8	2670	7230	5.22%	0.975%
24	15.088	2187	2190	2192	rBV3	2446	3136	2.27%	0.423%
25	15.235	2206	2214	2223	rBV9	6075	18930	13.67%	2.553%
26	15.424	2243	2245	2250	rVB6	1836	2902	2.10%	0.391%
27	15.527	2258	2262	2263	rBV3	2650	3009	2.17%	0.406%
28	15.722	2289	2294	2300	rVB10	3698	7812	5.64%	1.053%
29	15.948	2325	2331	2333	rBV7	1692	3301	2.38%	0.445%
30	16.027	2342	2344	2350	rVB7	2212	4396	3.18%	0.593%
31	16.167	2365	2367	2369	rBV3	1370	1589	1.15%	0.214%
32	16.234	2373	2378	2379	rBV5	1552	2387	1.72%	0.322%
33	16.448	2411	2413	2415	rBV3	1295	1523	1.10%	0.205%
34	16.491	2418	2420	2425	rVV5	1301	1686	1.22%	0.227%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
TP-28

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

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Title : SW846 8260

35	16.923	2489	2491	2493	rBV2	1429	1483	1.07%	0.200%
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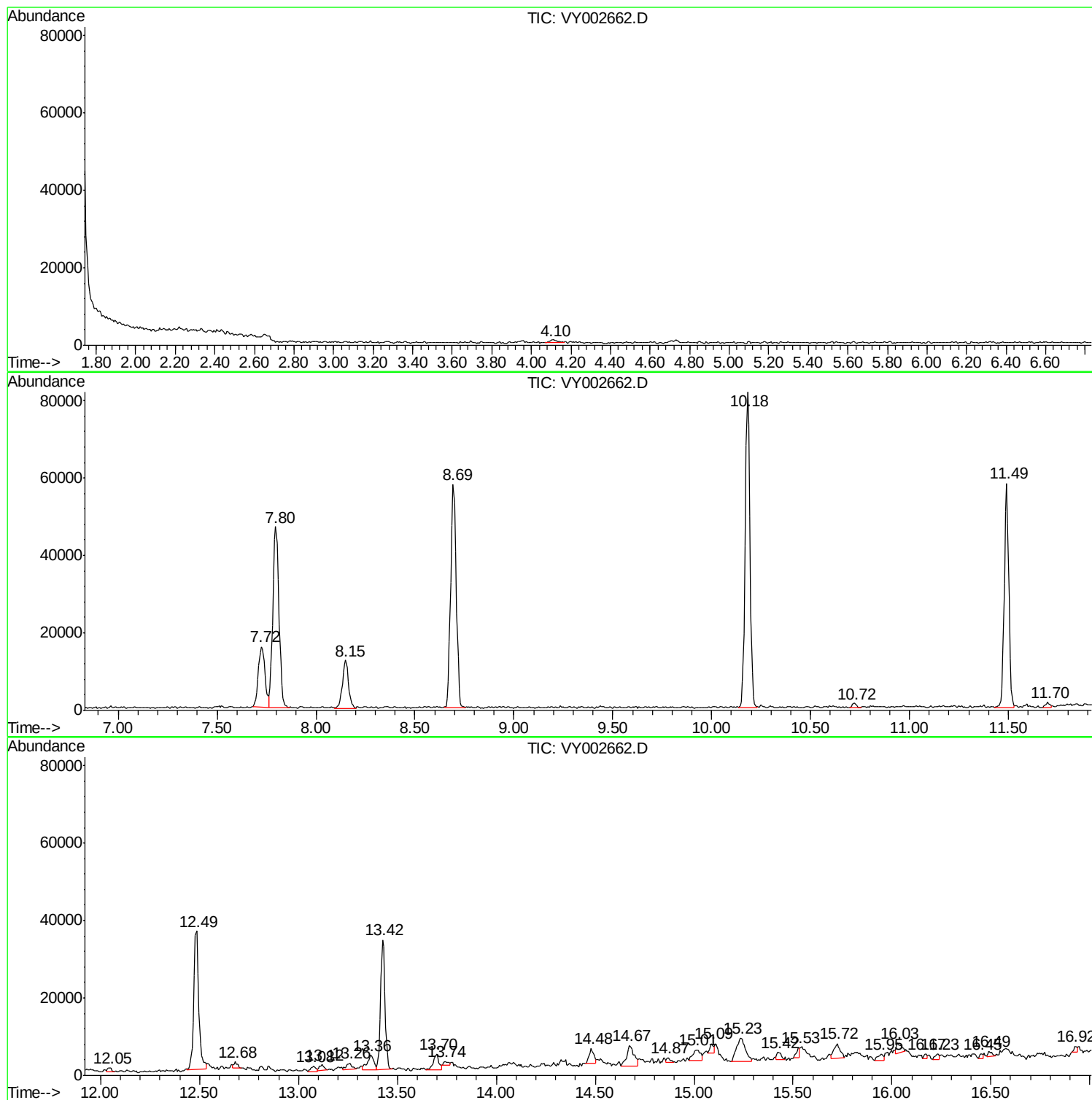
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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



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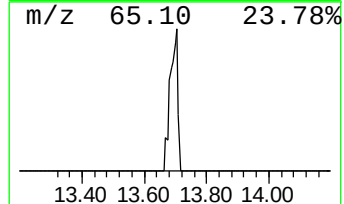
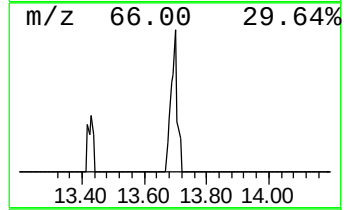
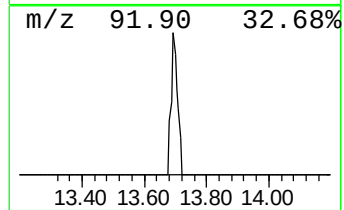
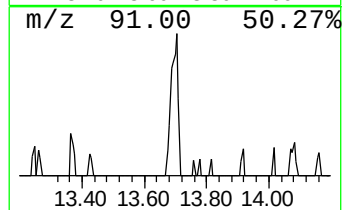
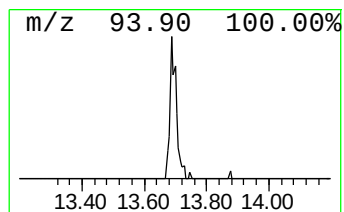
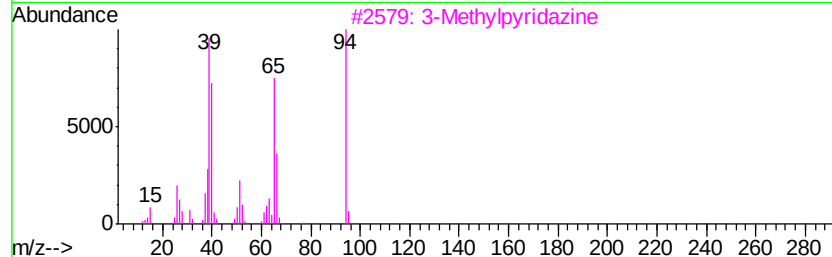
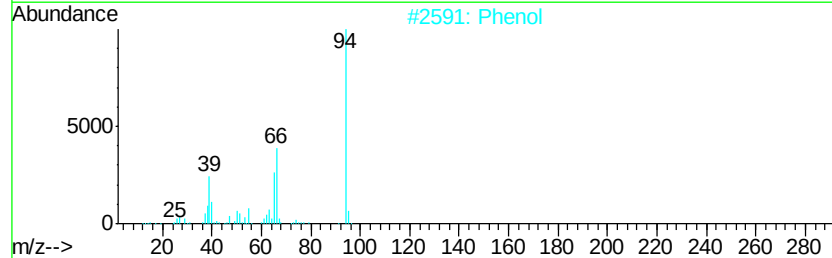
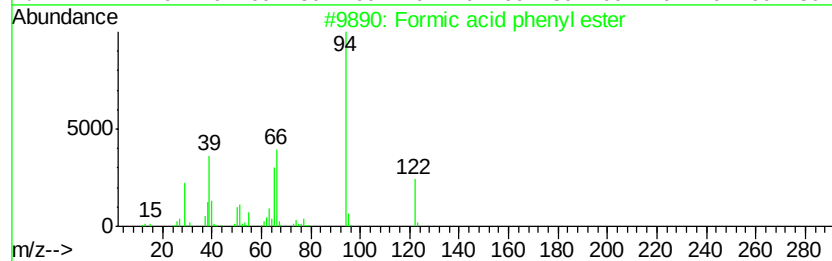
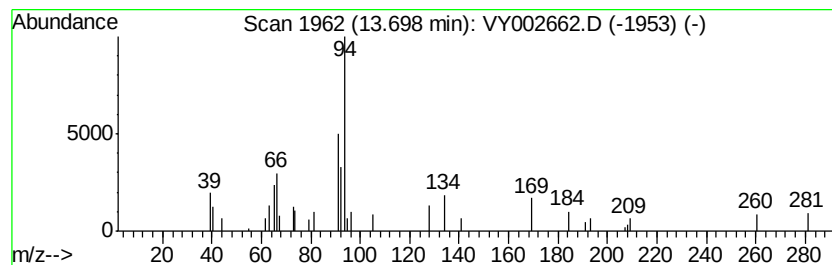
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Quant Title : SW846 8260

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

Peak Number 2 unknown13.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.31 ug/l	7795	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formic acid phenyl ester	122	C7H6O2	001864-94-4	47
2		Phenol	94	C6H6O	000108-95-2	47
3		3-Methylpyridazine	94	C5H6N2	001632-76-4	38
4		Phosphonic acid, (p-hydroxyphenyl)-	174	C6H7O4P	033795-18-5	38
5		Ethyl 3-aminopicolinate	166	C8H10N2O2	027507-15-9	36



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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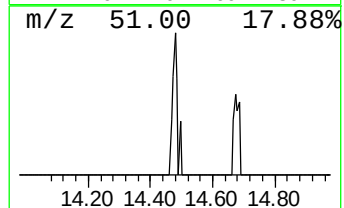
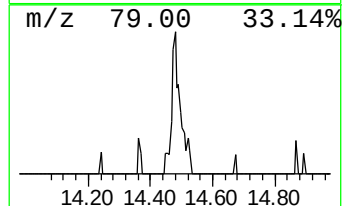
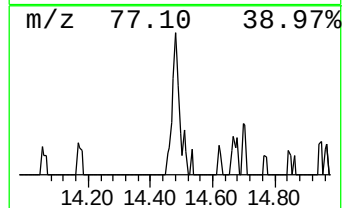
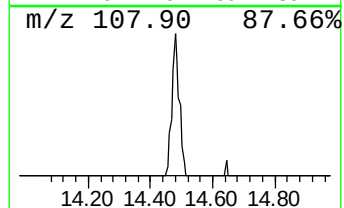
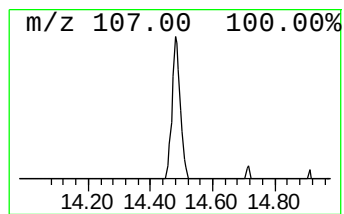
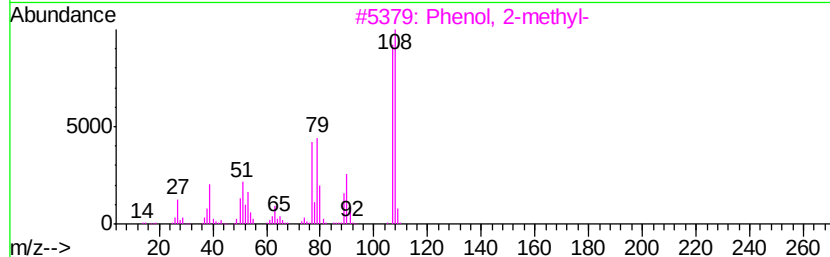
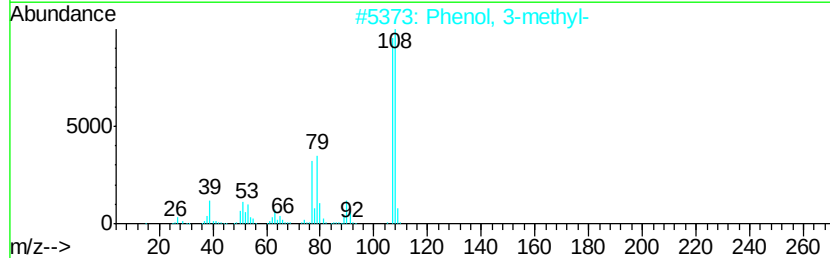
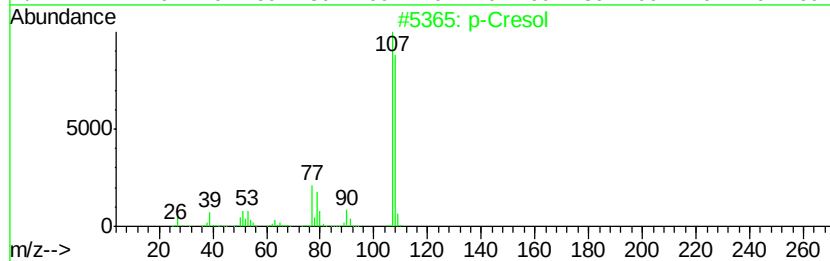
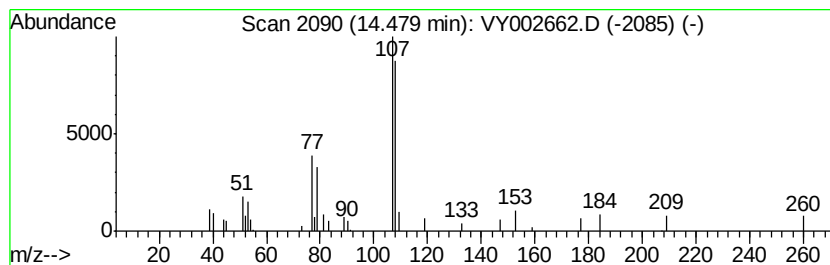
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 3 p-Cresol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	6.04 ug/l	6439	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cresol	108	C7H8O	000106-44-5	83
2		Phenol, 3-methyl-	108	C7H8O	000108-39-4	83
3		Phenol, 2-methyl-	108	C7H8O	000095-48-7	83
4		1,2-Ethanediol, 1,2-diphenyl-, (...)	214	C14H14O2	000655-48-1	50
5		Pyrazine, ethyl-	108	C6H8N2	013925-00-3	50



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ClientSampled :
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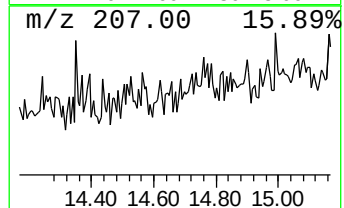
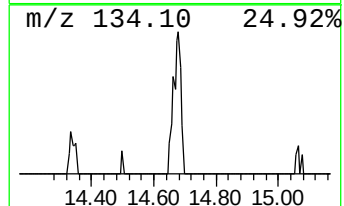
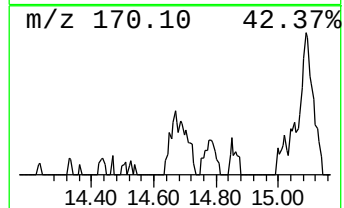
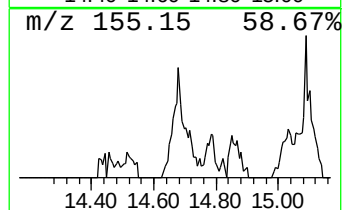
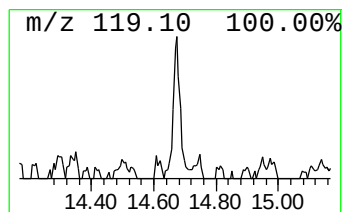
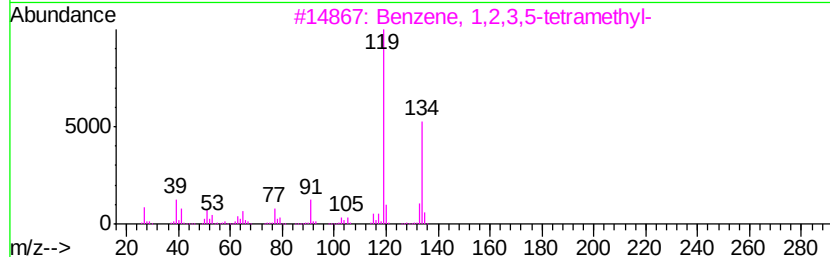
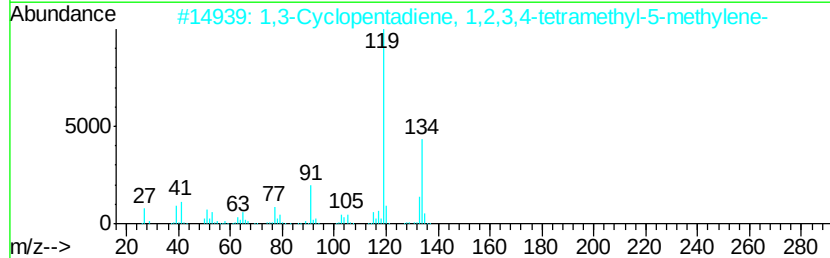
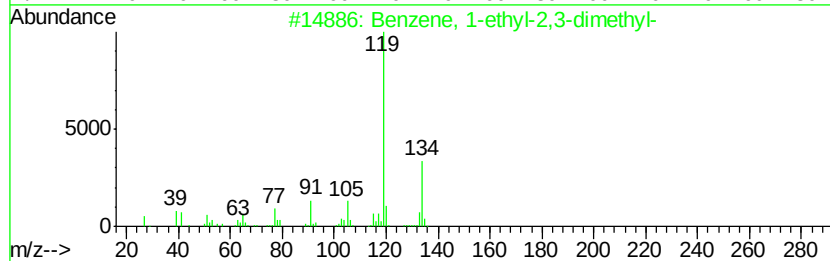
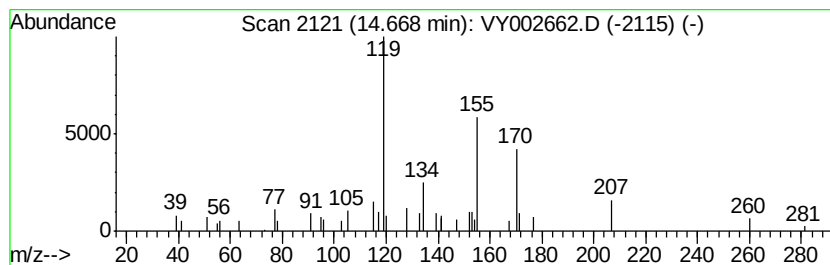
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Quant Title : SW846 8260

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

Peak Number 4 unknown14.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	12.81 ug/l	13656	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	43
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	43
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41



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ClientSampleId :
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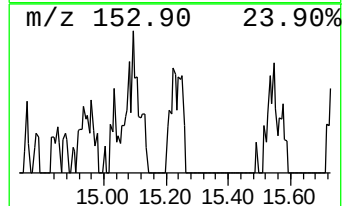
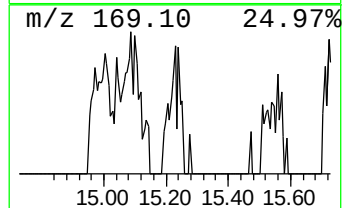
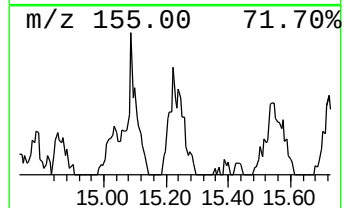
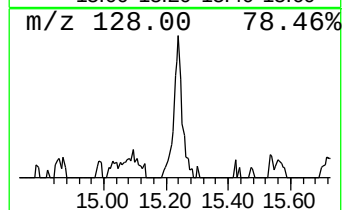
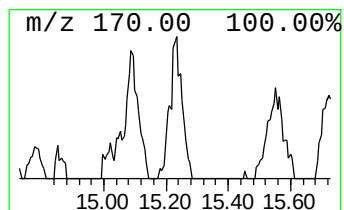
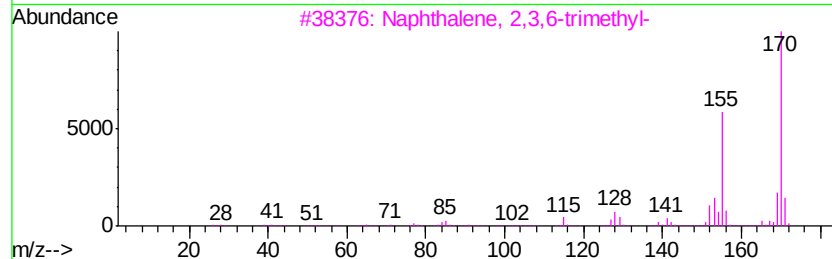
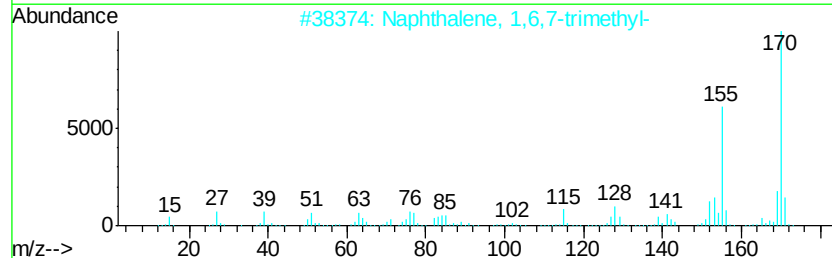
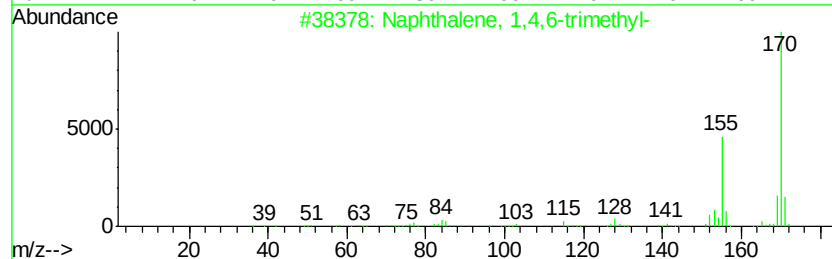
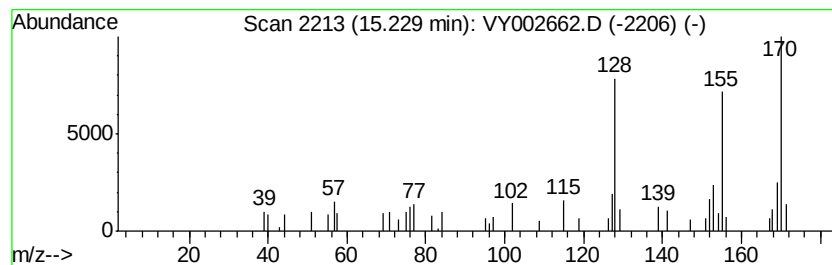
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	17.76 ug/l	18930	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
4		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38



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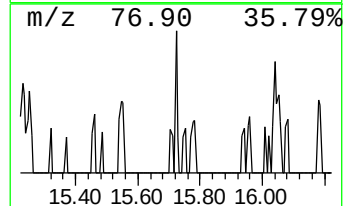
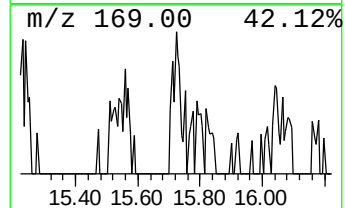
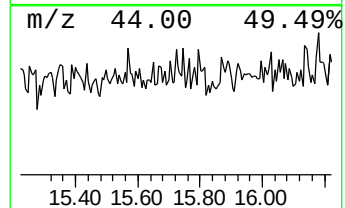
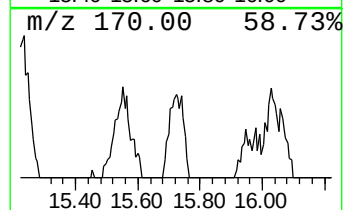
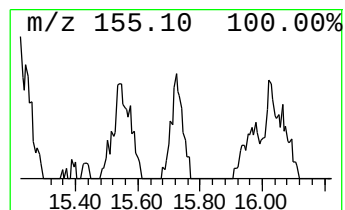
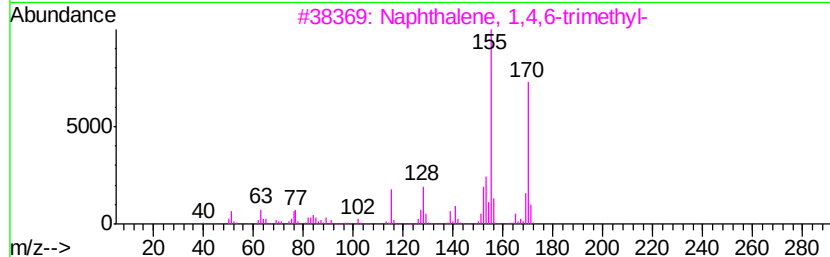
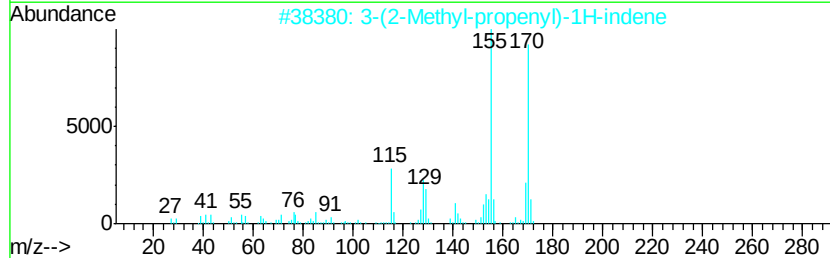
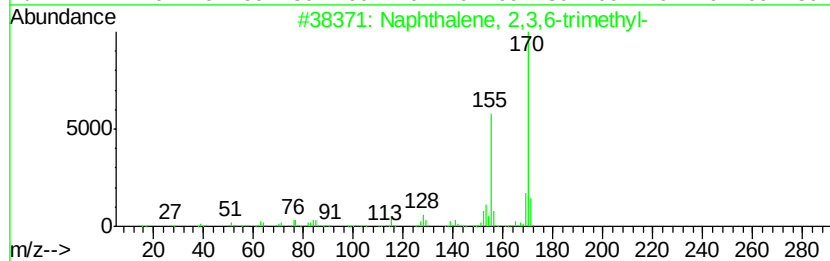
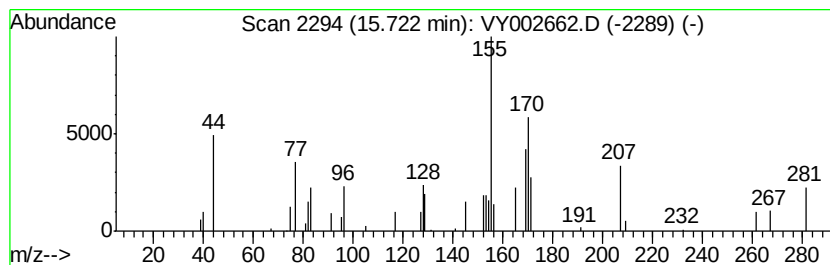
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.33 ug/l	7812	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
4		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	49
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
Data File : VY002662.D
Acq On : 12 May 2020 12:47
Operator : SY/MD
Sample : L2575-01
Misc : 7.24G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-28

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.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
unknown13.70	13.70	7.3	ug/l	7795	4	13.42	53297	50.0
p-Cresol	14.48	6.0	ug/l	6439	4	13.42	53297	50.0
unknown14.67	14.67	12.8	ug/l	13656	4	13.42	53297	50.0
Naphthalene, 1,4,...	15.23	17.8	ug/l	18930	4	13.42	53297	50.0
Naphthalene, 2,3,...	15.72	7.3	ug/l	7812	4	13.42	53297	50.0