

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001725.D
 Acq On : 20 Feb 2020 16:04
 Operator : SY/MD
 Sample : L1624-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-2

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\82Y021720S.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	4.749	487	494	495	rBV3	1378	2479	2.17%	0.256%
2	7.005	855	864	865	rBV3	1575	2987	2.62%	0.309%
3	7.742	977	985	990	rBV2	13458	30864	27.03%	3.193%
4	7.815	990	997	1005	rVB	31210	69936	61.24%	7.234%
5	8.163	1044	1054	1063	rVB3	13366	30427	26.64%	3.147%
6	8.352	1074	1085	1093	rVB4	1820	4861	4.26%	0.503%
7	8.705	1135	1143	1151	rVB	43867	88685	77.66%	9.173%
8	9.193	1219	1223	1229	rVB4	678	1187	1.04%	0.123%
9	9.632	1291	1295	1302	rVB5	1805	3263	2.86%	0.338%
10	9.760	1311	1316	1323	rVB3	2245	4256	3.73%	0.440%
11	9.974	1345	1351	1354	rBV4	880	1504	1.32%	0.156%
12	10.120	1371	1375	1379	rBV3	785	1240	1.09%	0.128%
13	10.193	1379	1387	1393	rVV	66704	114195	100.00%	11.812%
14	10.254	1393	1397	1406	rVB	4912	8328	7.29%	0.861%
15	11.498	1594	1601	1609	rBV	52947	85128	74.55%	8.806%
16	11.601	1613	1618	1624	rVB	9385	14448	12.65%	1.494%
17	11.705	1627	1635	1644	rVB	31634	56052	49.08%	5.798%
18	12.034	1682	1689	1694	rBV	14860	23515	20.59%	2.432%
19	12.333	1734	1738	1745	rVB4	1308	2103	1.84%	0.218%
20	12.485	1755	1763	1772	rBV	35172	58154	50.93%	6.015%
21	12.674	1790	1794	1799	rBV2	5984	8490	7.43%	0.878%
22	12.741	1799	1805	1808	rVV	18879	29148	25.52%	3.015%
23	12.772	1808	1810	1814	rVV	8909	11309	9.90%	1.170%
24	12.815	1814	1817	1822	rVB	10151	14806	12.97%	1.532%
25	12.979	1838	1844	1849	rBV2	6916	11195	9.80%	1.158%
26	13.125	1862	1868	1874	rVB2	36284	55312	48.44%	5.721%
27	13.430	1913	1918	1930	rVB2	42890	78466	68.71%	8.116%
28	13.601	1940	1946	1947	rBV4	2931	3638	3.19%	0.376%
29	13.631	1947	1951	1954	rVV3	10357	15771	13.81%	1.631%
30	13.668	1954	1957	1967	rVB5	7270	16526	14.47%	1.709%
31	13.827	1978	1983	1989	rVB4	1926	3443	3.02%	0.356%
32	13.887	1989	1993	1996	rBV3	3854	6213	5.44%	0.643%
33	13.924	1996	1999	2002	rVV2	4060	4897	4.29%	0.507%
34	13.979	2002	2008	2014	rVB2	7151	10596	9.28%	1.096%

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35	14.083	2022	2025	2032	rVB6	2518	3945	3.45%	0.408%
36	14.223	2042	2048	2052	rBV4	1759	3203	2.80%	0.331%
37	14.302	2055	2061	2064	rVV	4414	6547	5.73%	0.677%
38	14.339	2064	2067	2072	rVV2	7399	9885	8.66%	1.022%
39	14.381	2072	2074	2078	rVB3	1279	1749	1.53%	0.181%
40	14.491	2086	2092	2096	rBV6	2382	3789	3.32%	0.392%
41	14.570	2102	2105	2111	rBV5	3536	5402	4.73%	0.559%
42	14.613	2111	2112	2117	rVB4	1348	1543	1.35%	0.160%
43	14.692	2119	2125	2132	rVV3	6261	13097	11.47%	1.355%
44	14.747	2132	2134	2140	rVB5	1069	1563	1.37%	0.162%
45	14.954	2166	2168	2174	rVB4	1458	2439	2.14%	0.252%
46	15.058	2183	2185	2190	rVB3	1432	2169	1.90%	0.224%
47	15.247	2207	2216	2225	rBV2	8997	18710	16.38%	1.935%
48	15.540	2259	2264	2268	rBV5	1128	2012	1.76%	0.208%
49	15.674	2283	2286	2291	rBV5	691	1172	1.03%	0.121%
50	16.308	2382	2390	2395	rVB2	5347	10973	9.61%	1.135%
51	16.497	2418	2421	2428	rVB6	2664	5137	4.50%	0.531%

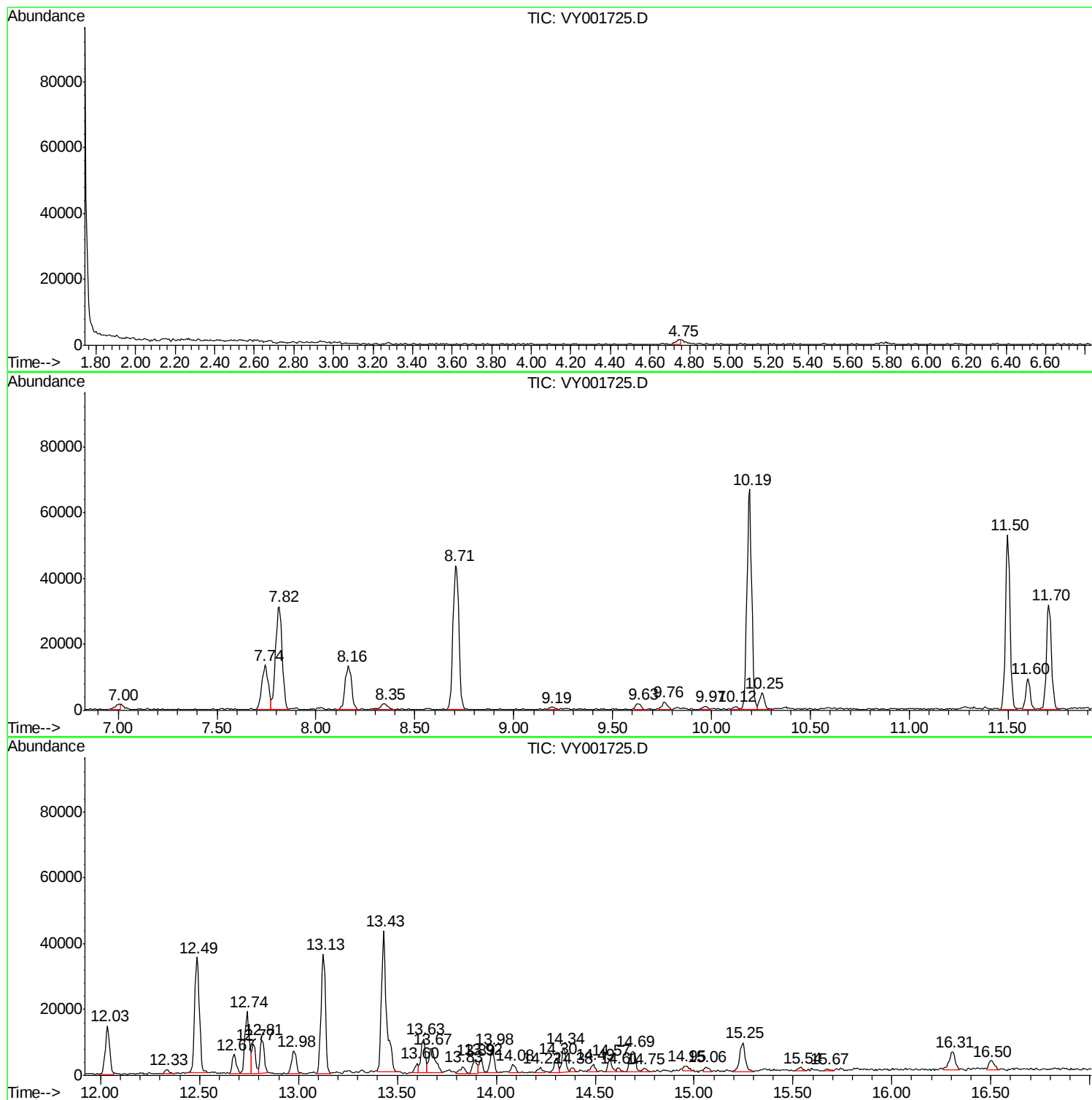
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ClientSampleId :
WASTE-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



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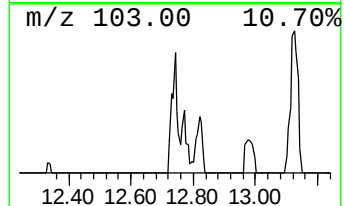
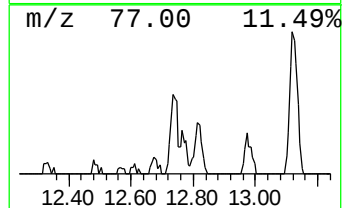
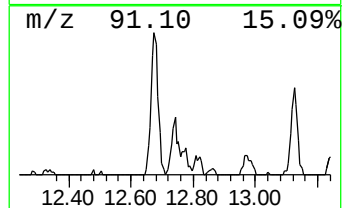
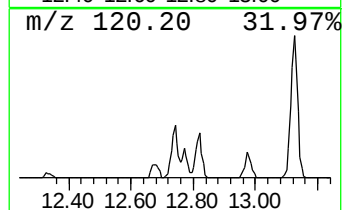
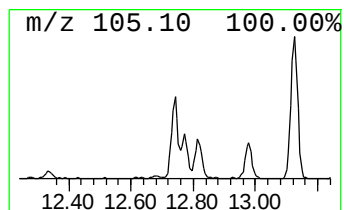
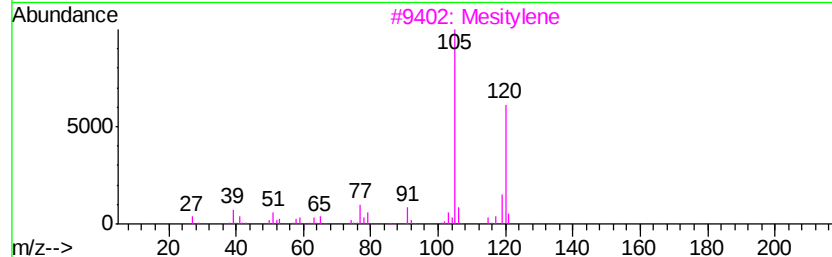
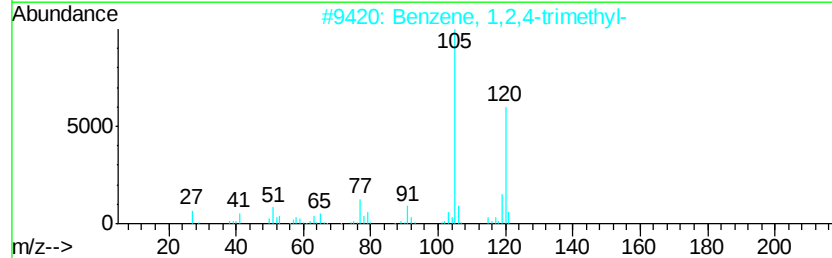
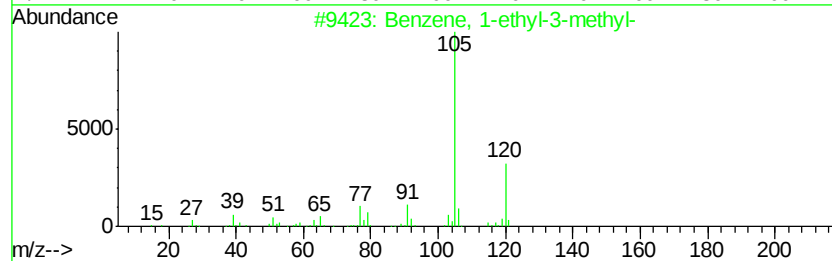
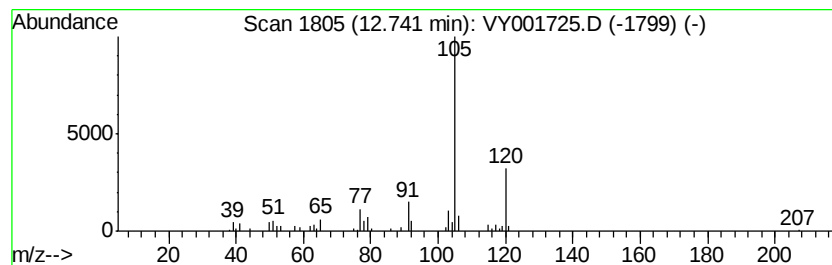
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	18.57 ug/l	29148	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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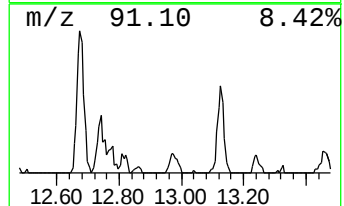
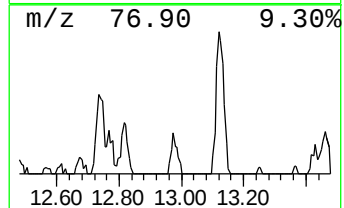
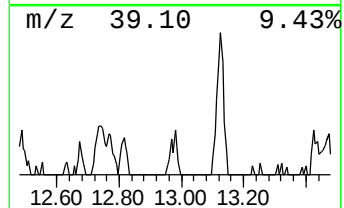
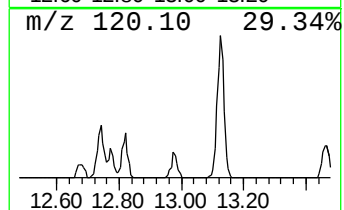
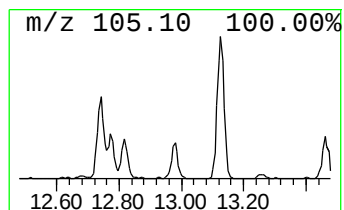
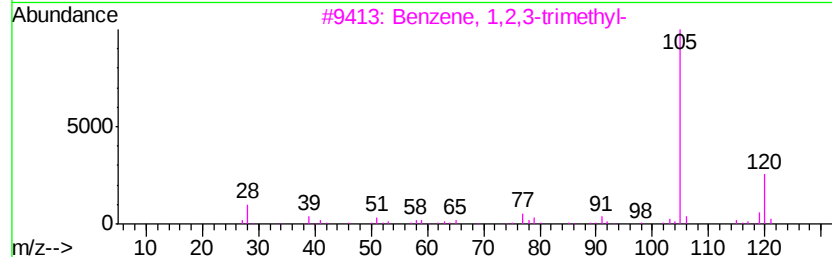
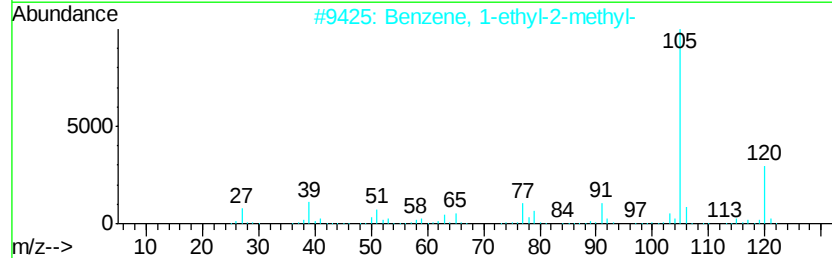
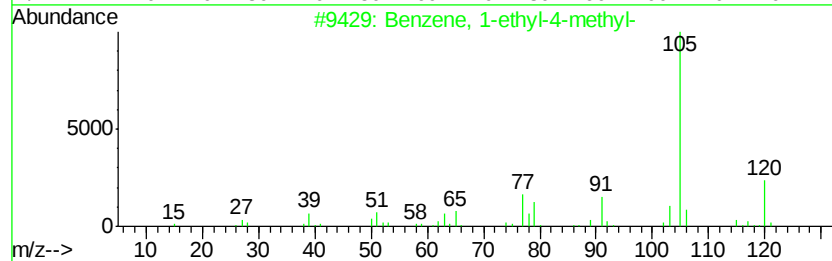
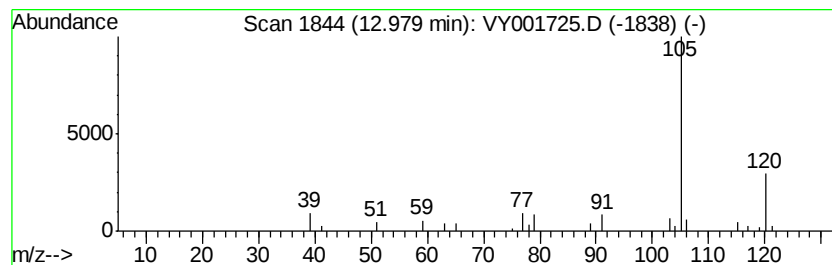
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	7.13 ug/l	11195	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64



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ALS Vial : 14 Sample Multiplier: 1

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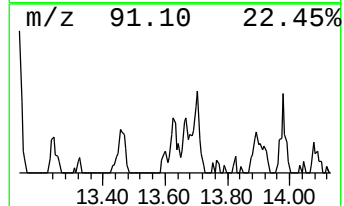
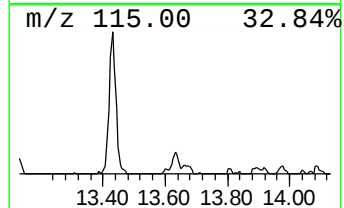
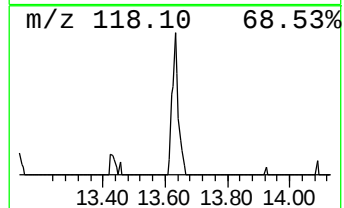
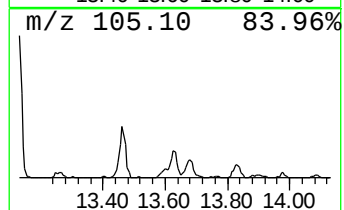
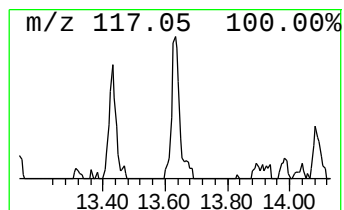
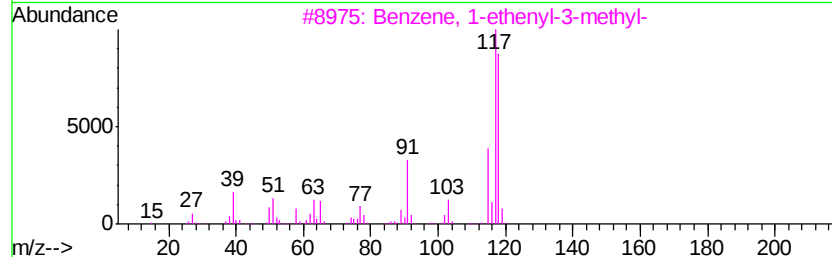
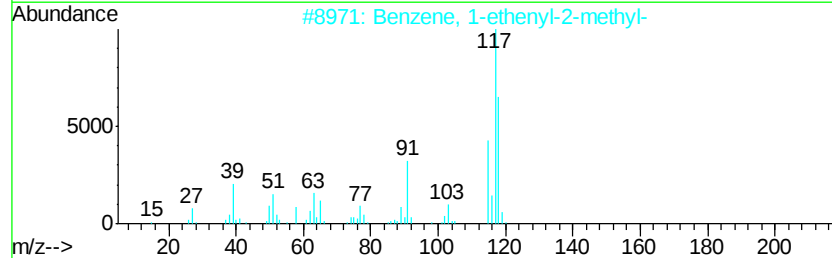
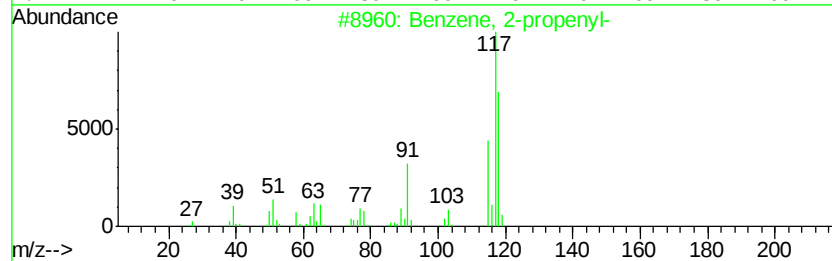
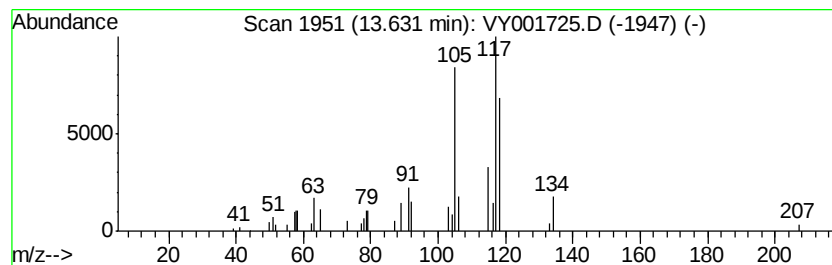
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	10.05 ug/l	15771	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
4		Indane	118	C9H10	000496-11-7	52
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52



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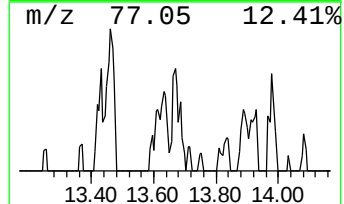
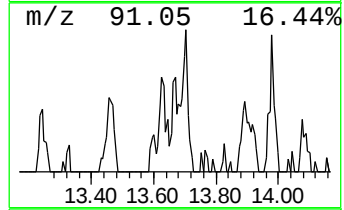
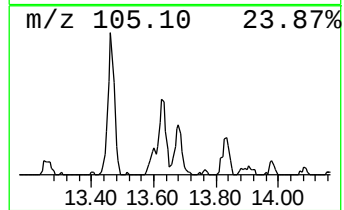
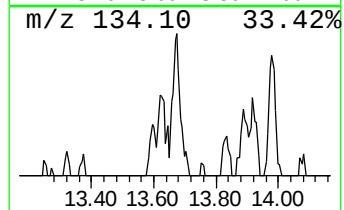
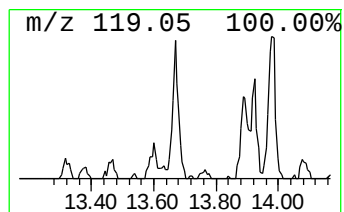
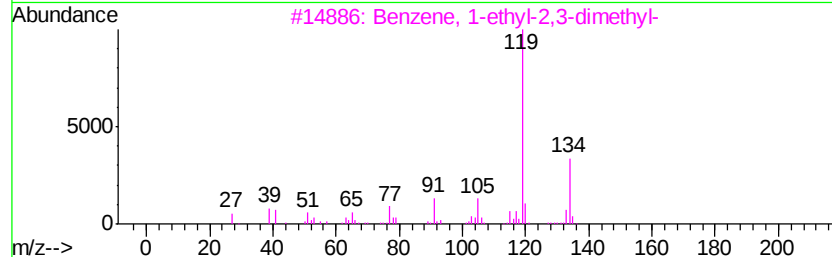
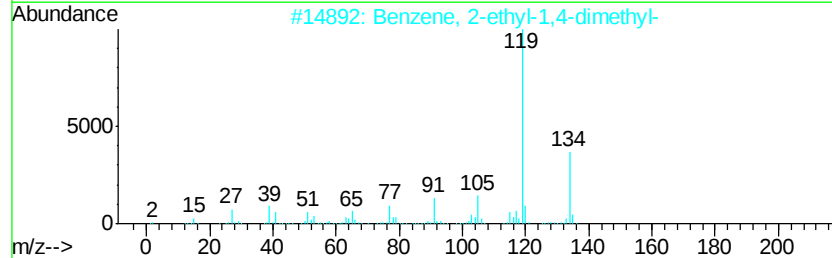
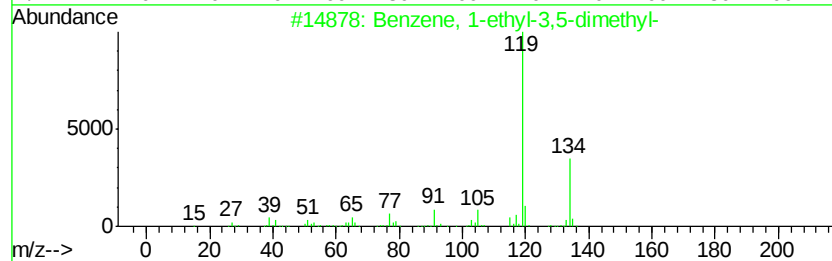
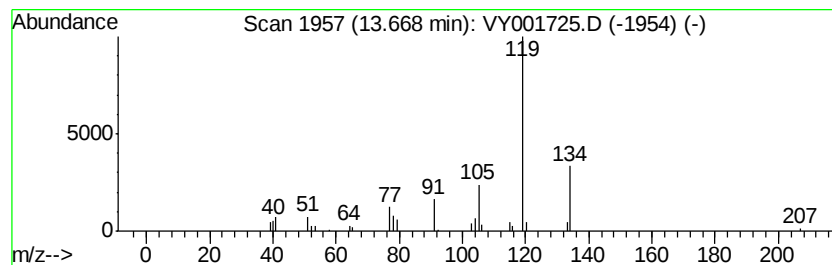
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Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	10.53 ug/l	16526	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	80
2	Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9	80
3	Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2	80
4	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	72
5	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	72



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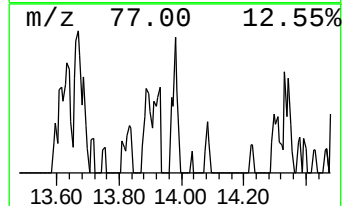
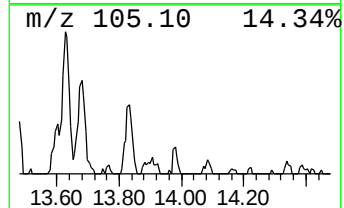
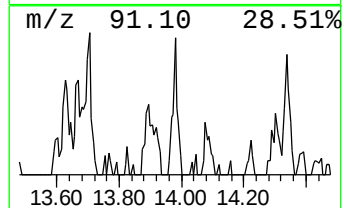
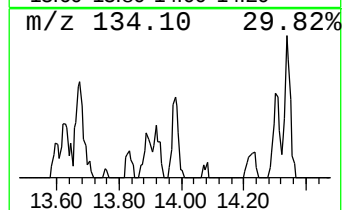
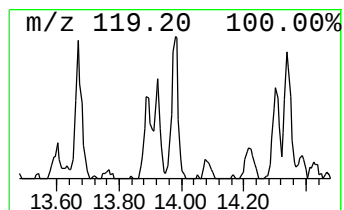
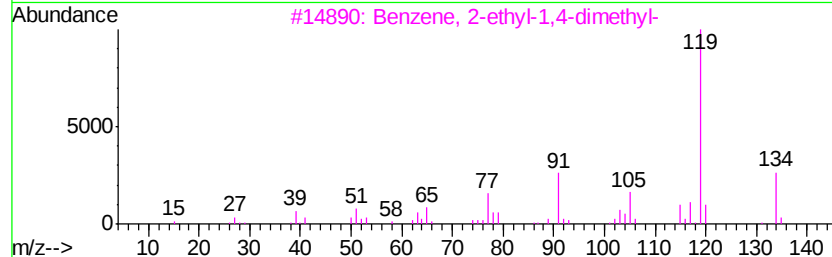
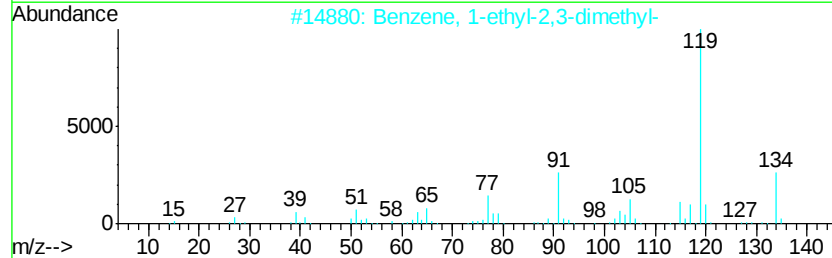
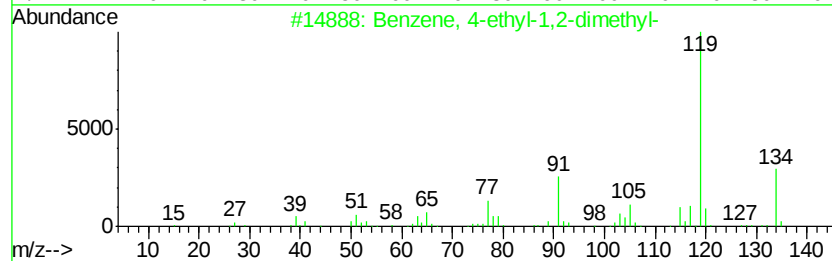
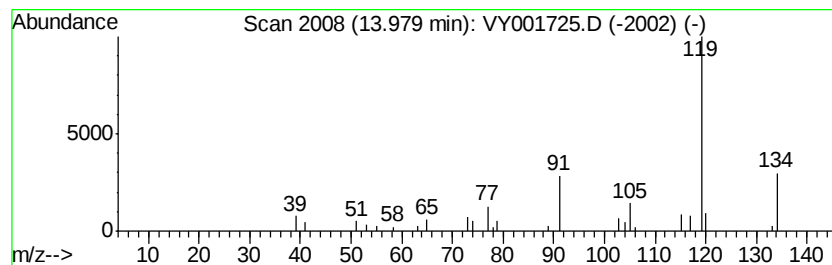
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.75 ug/l	10596	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001725.D
Acq On : 20 Feb 2020 16:04
Operator : SY/MD
Sample : L1624-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

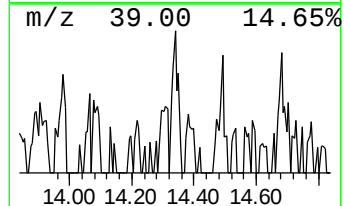
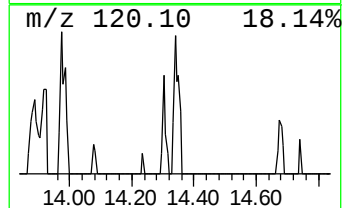
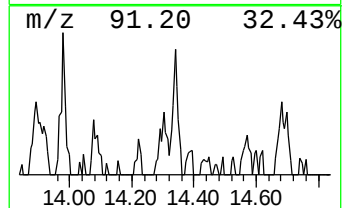
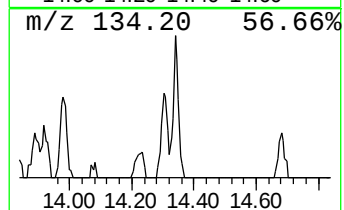
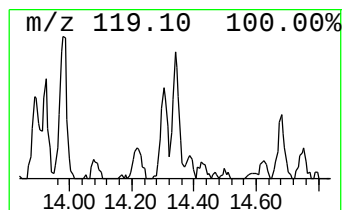
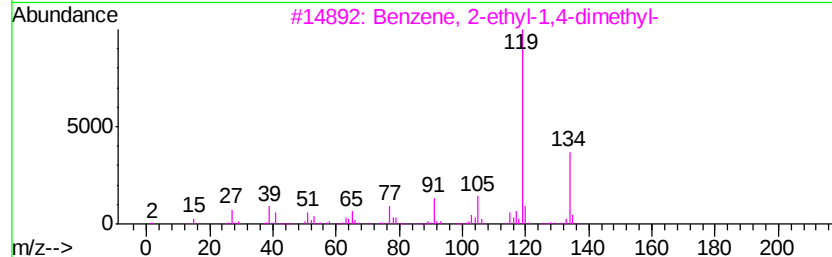
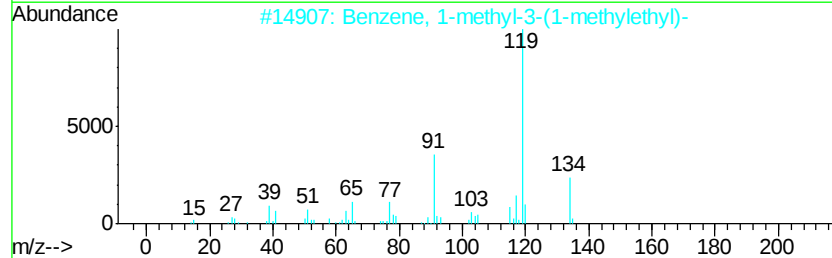
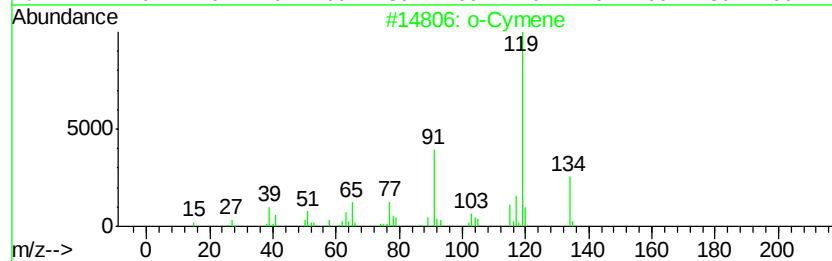
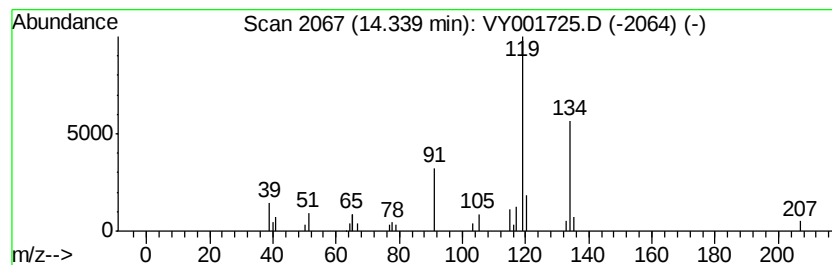
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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	6.30 ug/l	9885	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	90
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001725.D
Acq On : 20 Feb 2020 16:04
Operator : SY/MD
Sample : L1624-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

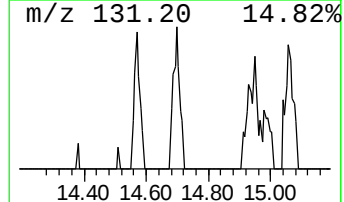
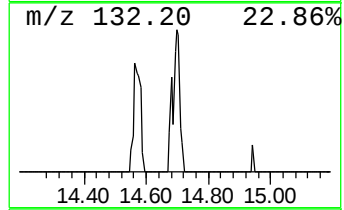
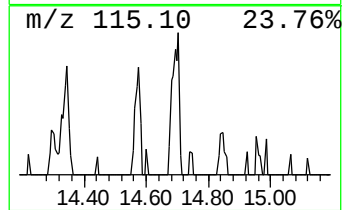
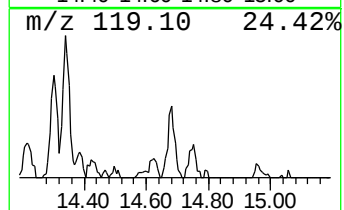
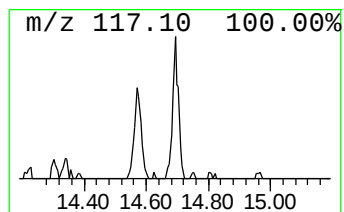
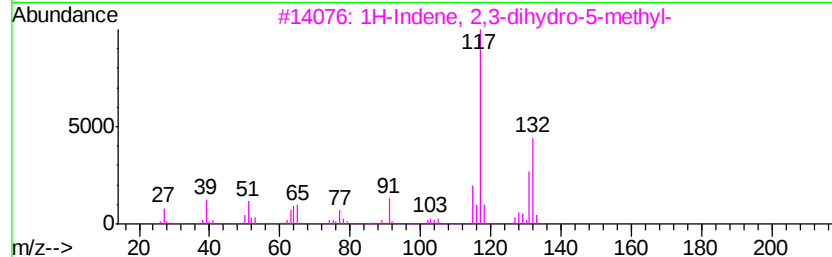
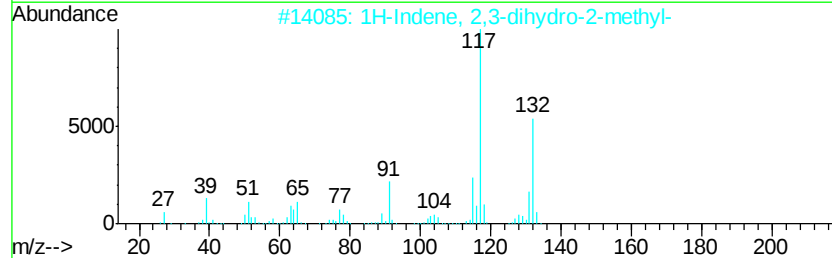
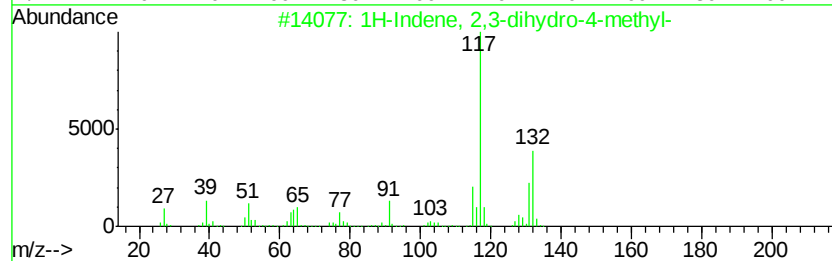
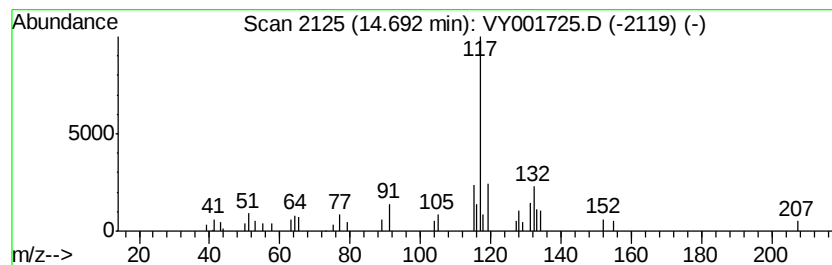
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.35 ug/l	13097	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	58
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001725.D
Acq On : 20 Feb 2020 16:04
Operator : SY/MD
Sample : L1624-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

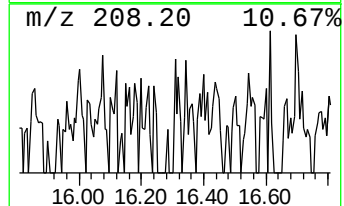
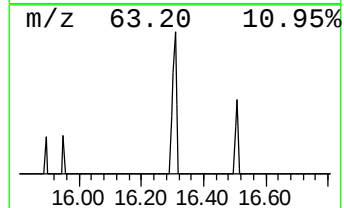
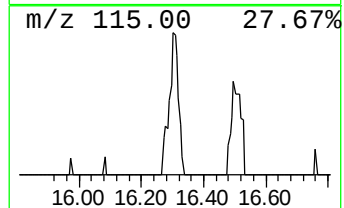
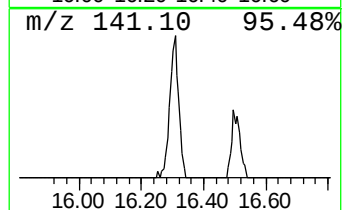
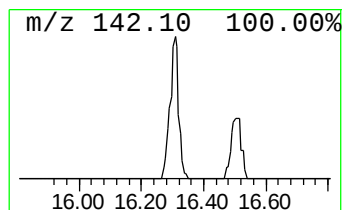
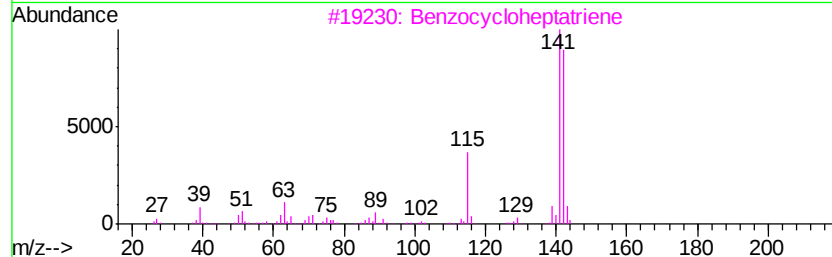
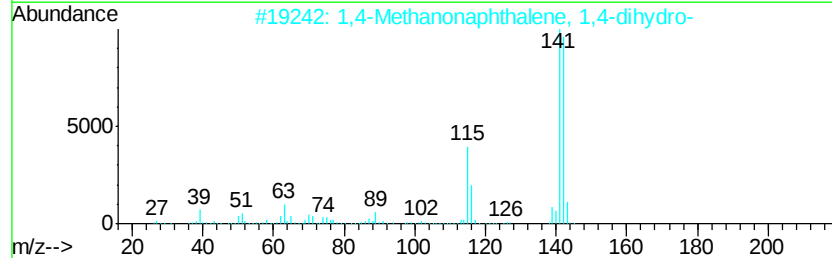
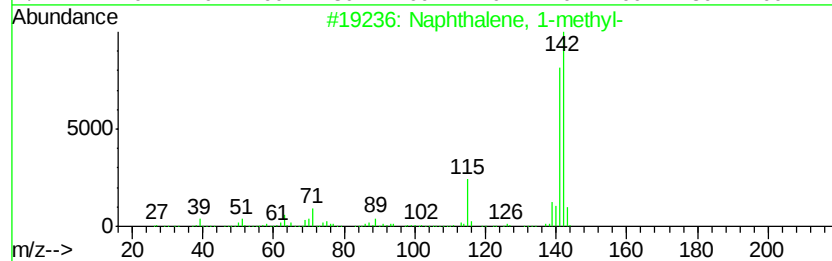
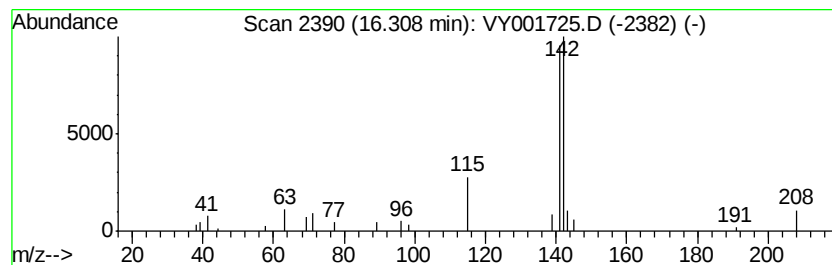
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	6.99 ug/l	10973	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
3		Benzocycloheptatriene	142	C11H10	000264-09-5	80
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	78
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022020\
Data File : VY001725.D
Acq On : 20 Feb 2020 16:04
Operator : SY/MD
Sample : L1624-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.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-...	12.74	18.6	ug/l	29148	4	13.43	78466	50.0
Benzene, 1-ethyl-...	12.98	7.1	ug/l	11195	4	13.43	78466	50.0
Benzene, 2-propenyl-	13.63	10.1	ug/l	15771	4	13.43	78466	50.0
Benzene, 1-ethyl-...	13.67	10.5	ug/l	16526	4	13.43	78466	50.0
Benzene, 4-ethyl-...	13.98	6.8	ug/l	10596	4	13.43	78466	50.0
o-Cymene	14.34	6.3	ug/l	9885	4	13.43	78466	50.0
1H-Indene, 2,3-di...	14.69	8.3	ug/l	13097	4	13.43	78466	50.0
Naphthalene, 1-me...	16.31	7.0	ug/l	10973	4	13.43	78466	50.0