

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003419.D
 Acq On : 03 Aug 2020 16:03
 Operator : SY/MD
 Sample : L3545-03
 Misc : 5.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

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\82Y073120S.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	2.115	56	62	67	rBV2	13868	27312	1.19%	0.117%
2	4.725	477	490	503	rBV3	57392	189678	8.27%	0.813%
3	5.761	648	660	666	rBV3	12516	38682	1.69%	0.166%
4	6.999	853	863	872	rBV3	10297	39713	1.73%	0.170%
5	7.273	900	908	918	rBV2	23508	61844	2.70%	0.265%
6	7.517	939	948	957	rBV2	16108	40995	1.79%	0.176%
7	7.724	970	982	988	rBV	328799	788325	34.37%	3.377%
8	7.797	988	994	1006	rVB	550180	1249810	54.50%	5.354%
9	8.145	1039	1051	1063	rBV	299555	667641	29.11%	2.860%
10	8.693	1133	1141	1153	rBV	842905	1645185	71.74%	7.048%
11	10.181	1375	1385	1393	rBV	1350503	2293411	100.00%	9.825%
12	10.577	1443	1450	1463	rVB	111244	196253	8.56%	0.841%
13	10.955	1503	1512	1521	rBV2	22275	59339	2.59%	0.254%
14	11.315	1559	1571	1578	rVB4	18845	48742	2.13%	0.209%
15	11.486	1592	1599	1610	rVB	1210672	2007317	87.53%	8.599%
16	11.711	1632	1636	1644	rVB9	13191	35206	1.54%	0.151%
17	12.479	1755	1762	1772	rVB2	1081470	1729736	75.42%	7.410%
18	12.802	1811	1815	1821	rBV5	16792	30532	1.33%	0.131%
19	13.113	1862	1866	1873	rVB	18007	31071	1.35%	0.133%
20	13.424	1910	1917	1927	rVB	1312945	2030999	88.56%	8.701%
21	13.619	1946	1949	1952	rVV	52373	75606	3.30%	0.324%
22	13.662	1952	1956	1965	rVV3	91015	190384	8.30%	0.816%
23	13.747	1965	1970	1977	rVV8	16277	27130	1.18%	0.116%
24	13.820	1977	1982	1987	rVB	50194	71598	3.12%	0.307%
25	13.881	1987	1992	1995	rBV	107104	181852	7.93%	0.779%
26	13.912	1995	1997	2002	rVV	135325	176193	7.68%	0.755%
27	13.967	2002	2006	2012	rVB	282551	428329	18.68%	1.835%
28	14.077	2018	2024	2029	rBV3	135417	223723	9.76%	0.958%
29	14.131	2029	2033	2034	rVV	26916	36768	1.60%	0.158%
30	14.156	2034	2037	2041	rVV3	34459	52989	2.31%	0.227%
31	14.211	2041	2046	2051	rVV	118973	178710	7.79%	0.766%
32	14.296	2051	2060	2063	rVV	325124	580269	25.30%	2.486%
33	14.333	2063	2066	2070	rVV	553524	764016	33.31%	3.273%
34	14.381	2070	2074	2077	rVV	205261	308733	13.46%	1.323%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

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 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.418	2077	2080	2084	rVV	150017	225839	9.85%	0.968%
36	14.479	2087	2090	2093	rVV2	53467	88093	3.84%	0.377%
37	14.522	2093	2097	2100	rVV	155071	229203	9.99%	0.982%
38	14.564	2100	2104	2108	rVV2	171944	336376	14.67%	1.441%
39	14.613	2108	2112	2116	rVV	264494	407931	17.79%	1.748%
40	14.668	2116	2121	2129	rVV4	585213	1203846	52.49%	5.157%
41	14.735	2129	2132	2137	rVV	287229	432393	18.85%	1.852%
42	14.784	2138	2140	2147	rVV3	45993	80240	3.50%	0.344%
43	14.869	2149	2154	2159	rVV	59844	116471	5.08%	0.499%
44	14.948	2161	2167	2178	rVV	489818	1117375	48.72%	4.787%
45	15.046	2178	2183	2192	rVV2	267550	519350	22.65%	2.225%
46	15.131	2194	2197	2202	rVV3	32168	51197	2.23%	0.219%
47	15.192	2202	2207	2209	rVV	45091	81707	3.56%	0.350%
48	15.235	2209	2214	2220	rVV	148250	282961	12.34%	1.212%
49	15.296	2220	2224	2226	rVV2	21769	36582	1.60%	0.157%
50	15.345	2226	2232	2236	rVV	129024	237367	10.35%	1.017%
51	15.393	2236	2240	2243	rVV2	59613	100130	4.37%	0.429%
52	15.430	2243	2246	2251	rVV3	46747	78479	3.42%	0.336%
53	15.521	2255	2261	2271	rBV2	103557	246656	10.75%	1.057%
54	15.601	2272	2274	2277	rVV3	22638	29477	1.29%	0.126%
55	15.649	2277	2282	2285	rVV2	48784	101348	4.42%	0.434%
56	15.692	2286	2289	2299	rVB	55822	128093	5.59%	0.549%
57	15.814	2301	2309	2315	rVV	125962	241290	10.52%	1.034%
58	15.893	2315	2322	2328	rVB2	39029	79641	3.47%	0.341%
59	16.033	2338	2345	2350	rBV2	13330	32607	1.42%	0.140%
60	16.290	2381	2387	2393	rBV	81355	149238	6.51%	0.639%
61	16.357	2394	2398	2405	rVB2	43809	75301	3.28%	0.323%
62	16.491	2413	2420	2433	rVB2	45651	125142	5.46%	0.536%

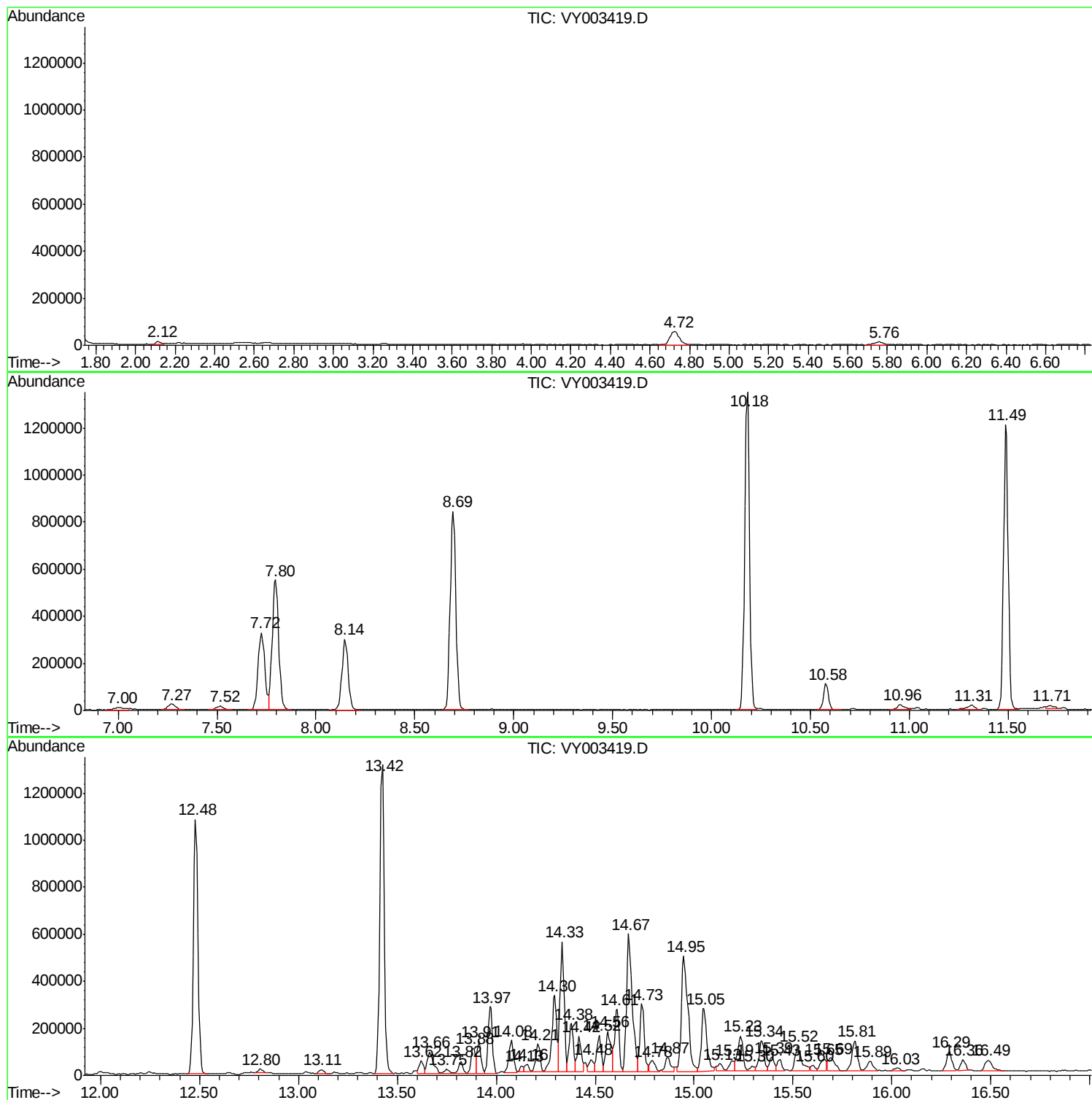
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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



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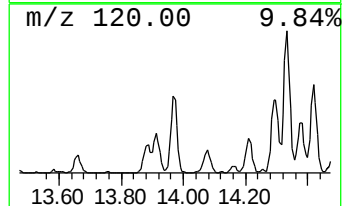
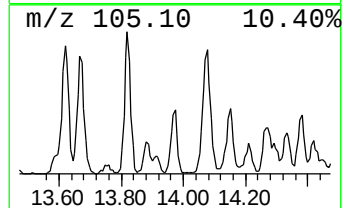
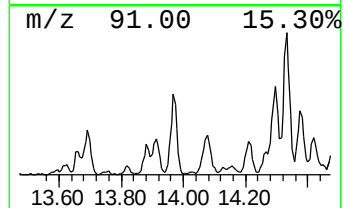
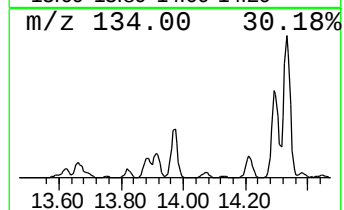
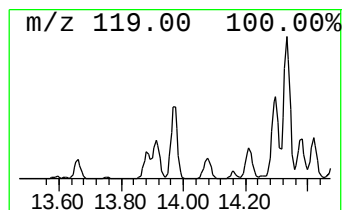
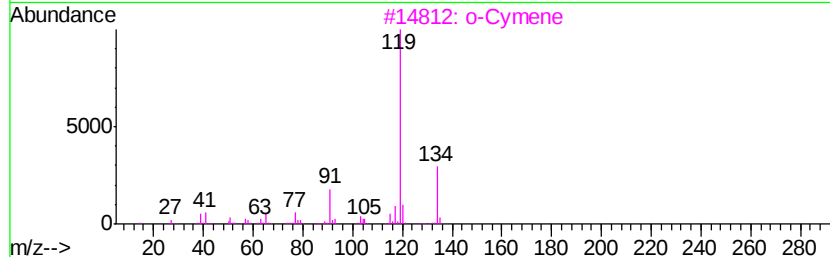
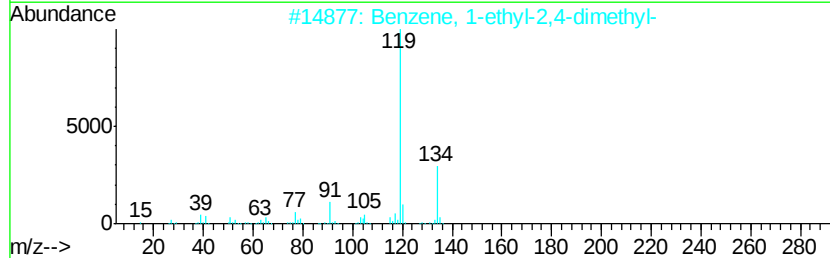
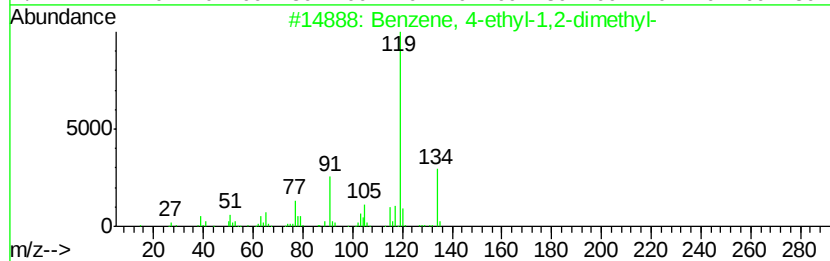
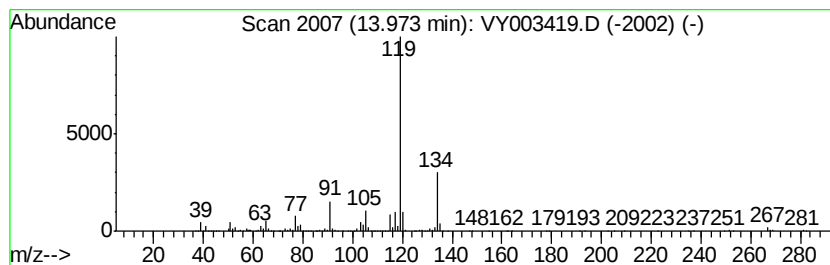
Instrument :
MSVOA_Y
ClientSampled :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.97	10.54 ug/l	428329	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95	
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94	
3	o-Cymene	134	C10H14	000527-84-4	94	
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94	
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94	



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Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

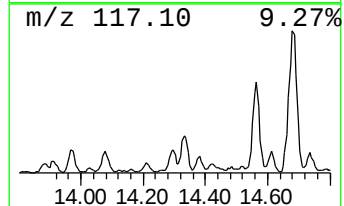
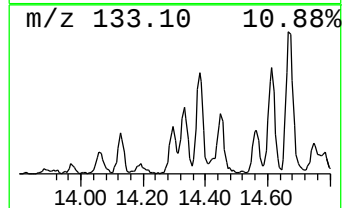
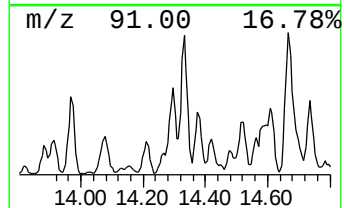
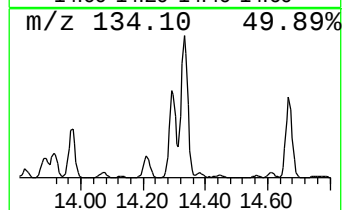
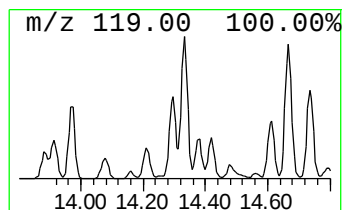
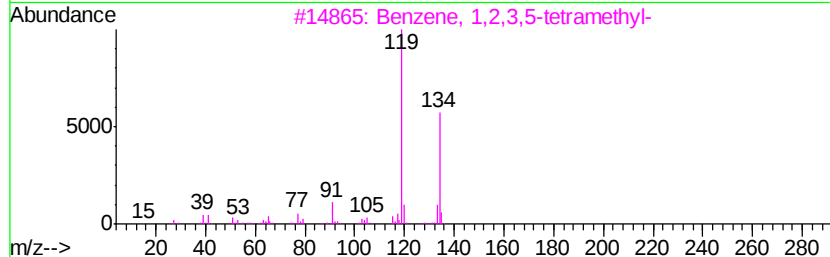
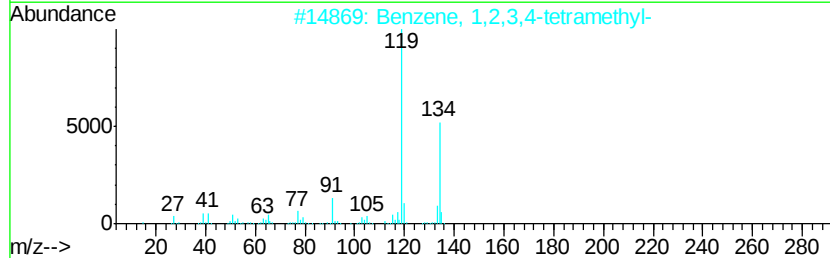
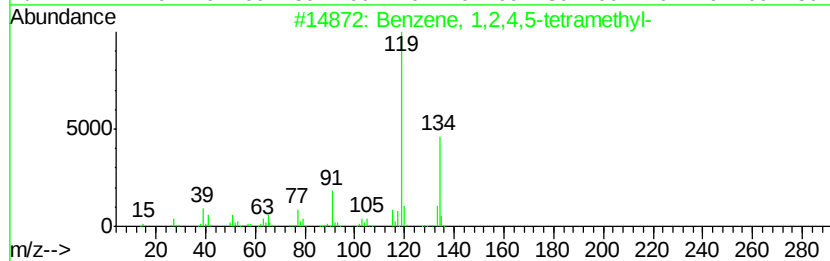
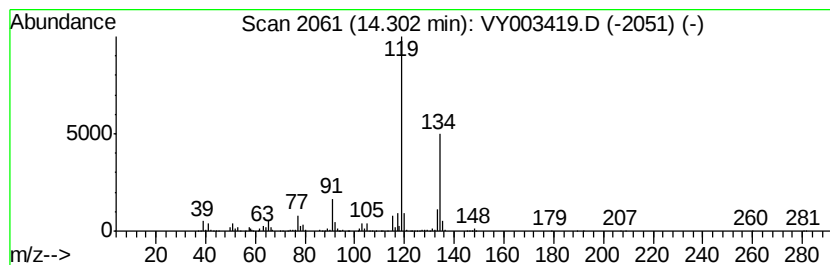
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	14.29 ug/l	580269	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	91



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Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

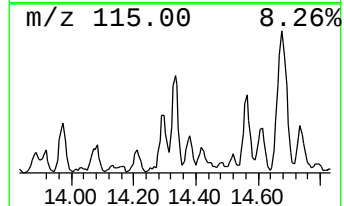
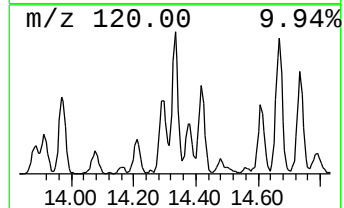
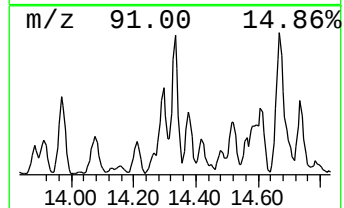
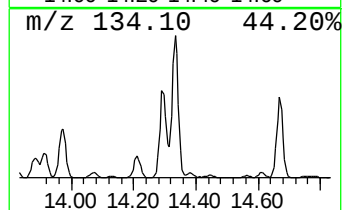
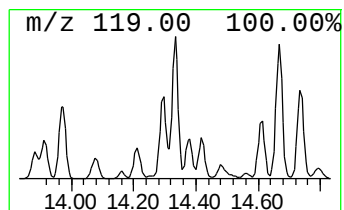
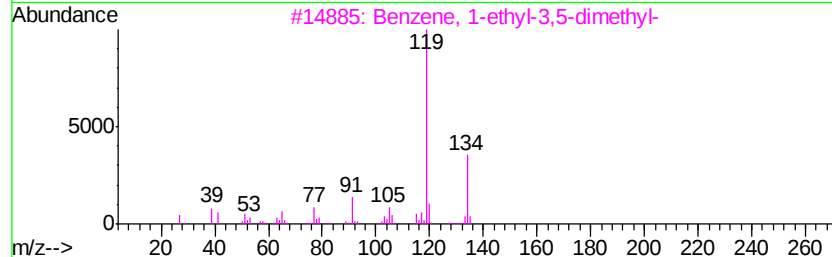
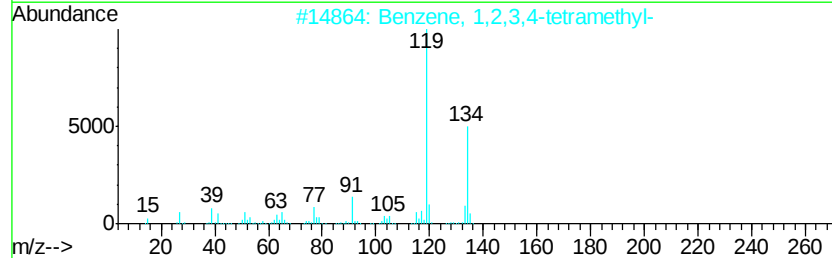
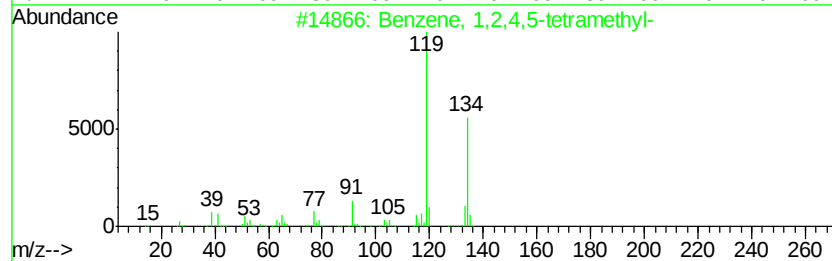
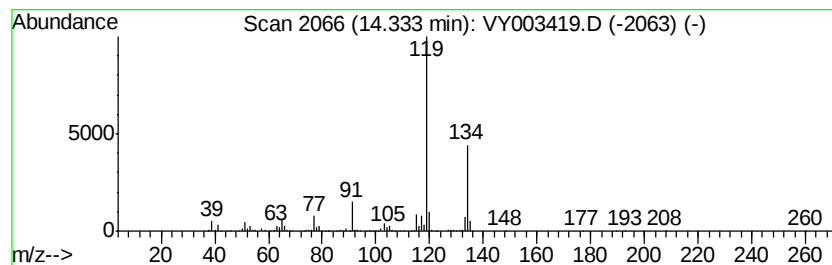
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	18.81 ug/l	764016	1,4-Dichlorobenzene-d4	13.42

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



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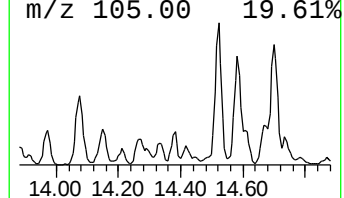
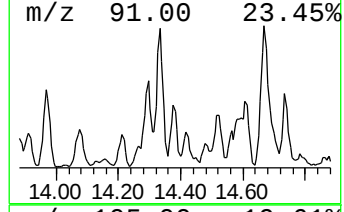
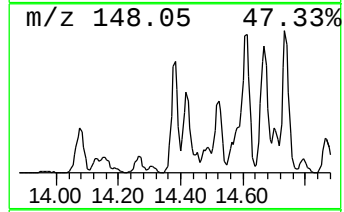
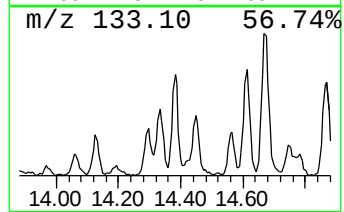
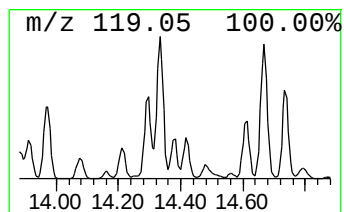
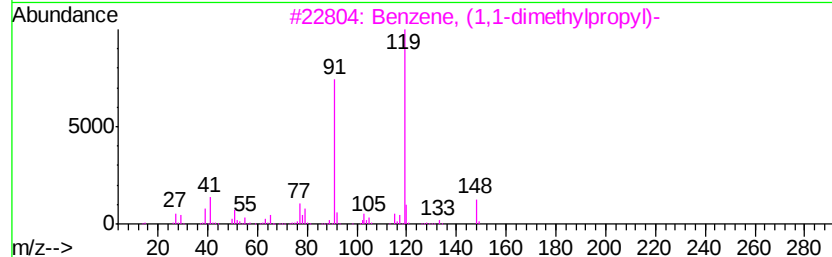
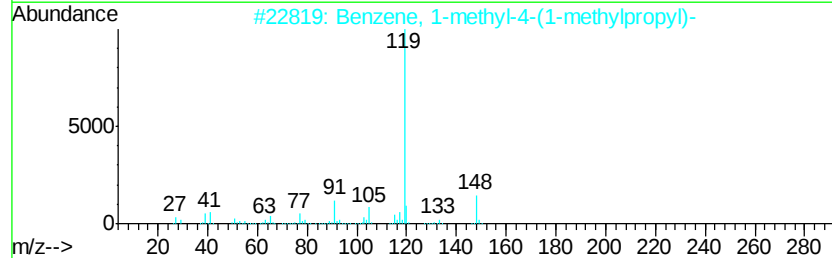
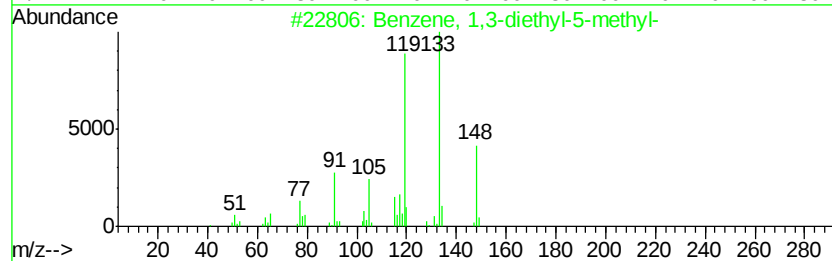
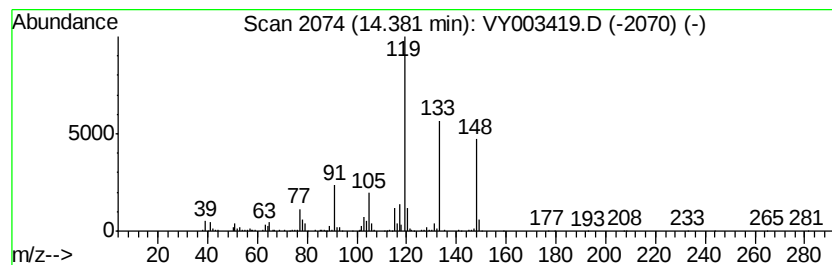
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.60 ug/l	308733	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43



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ClientSampleId :
SB-1

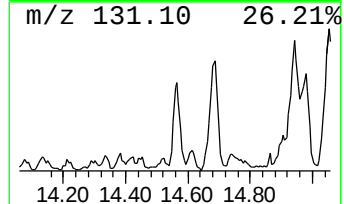
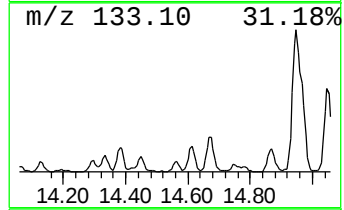
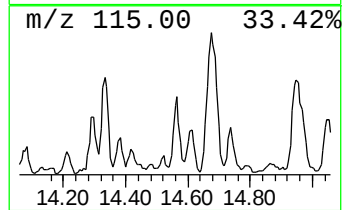
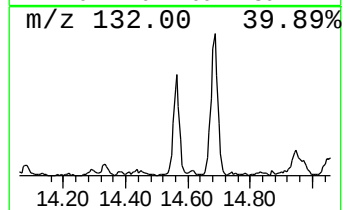
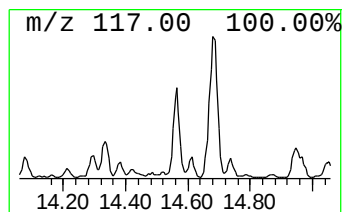
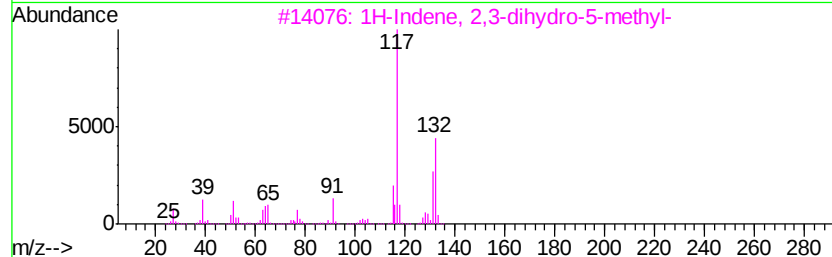
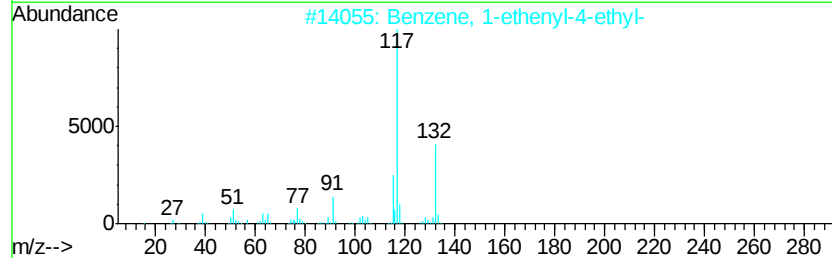
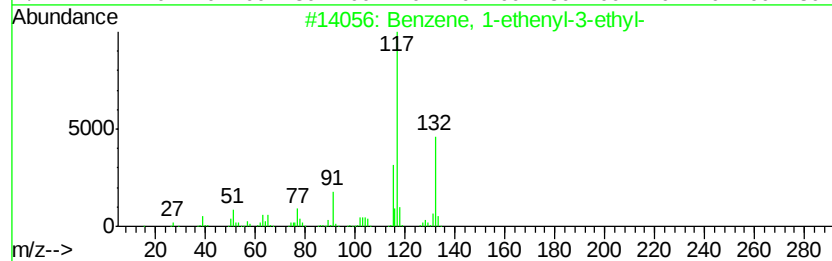
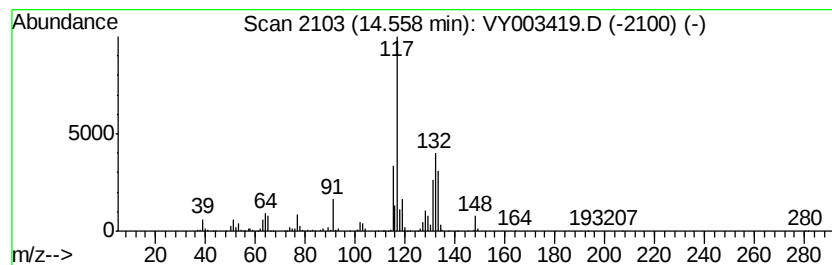
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.28 ug/l	336376	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SB-1

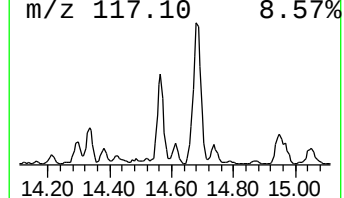
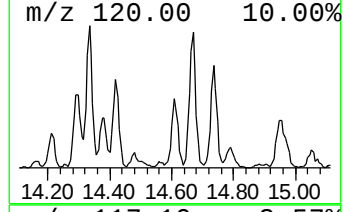
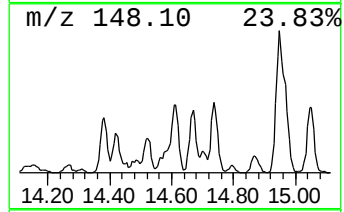
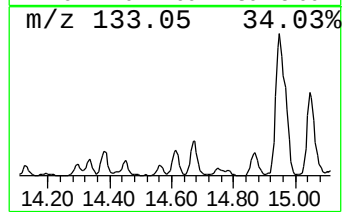
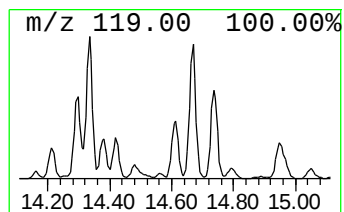
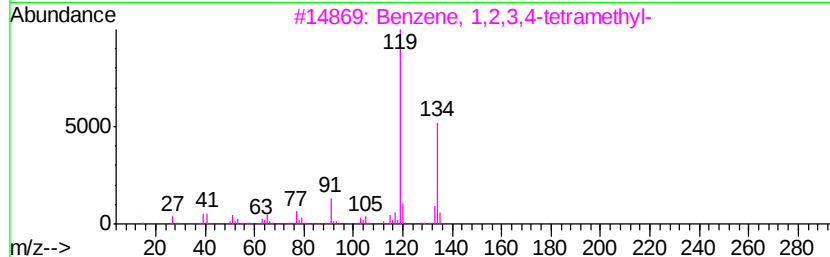
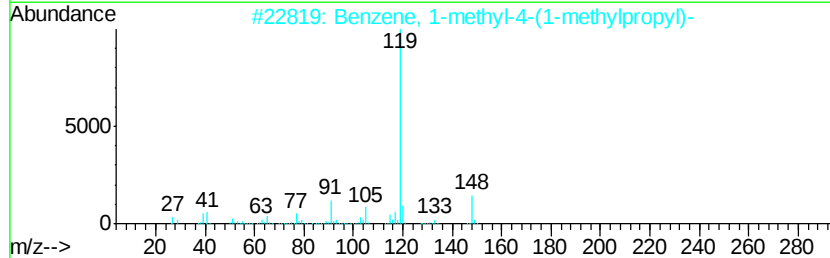
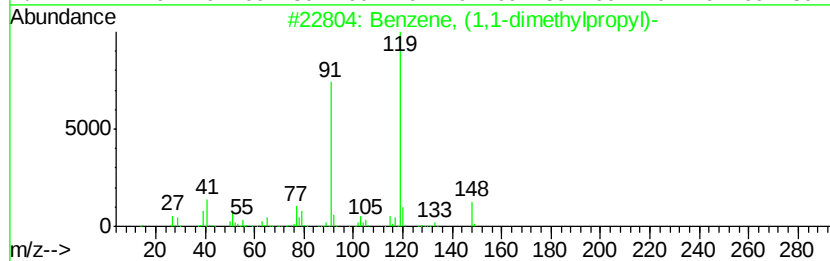
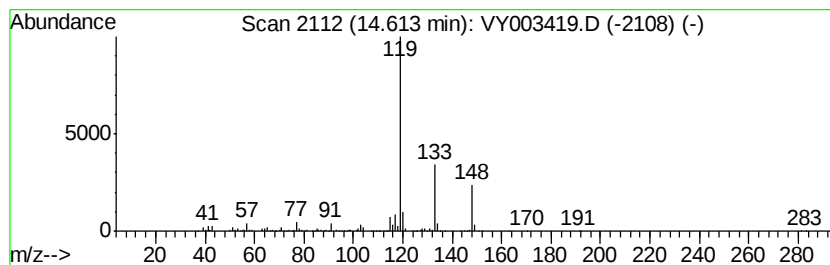
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1,1-dimethylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	10.04 ug/l	407931	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

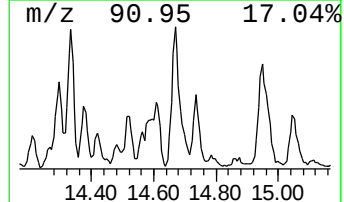
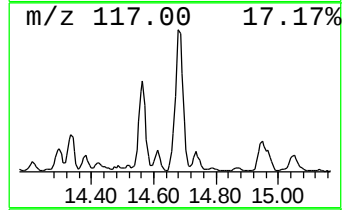
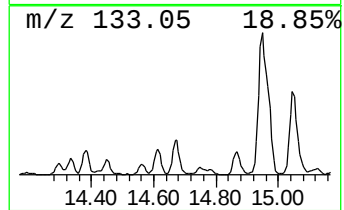
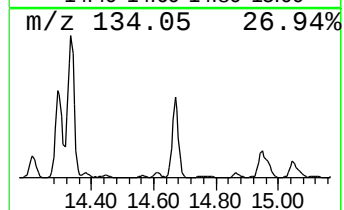
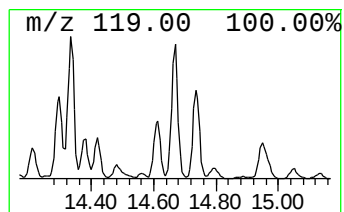
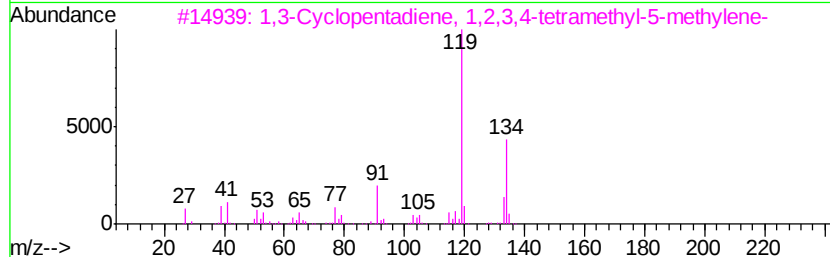
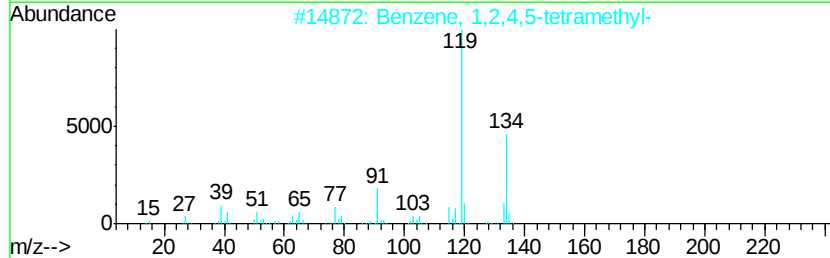
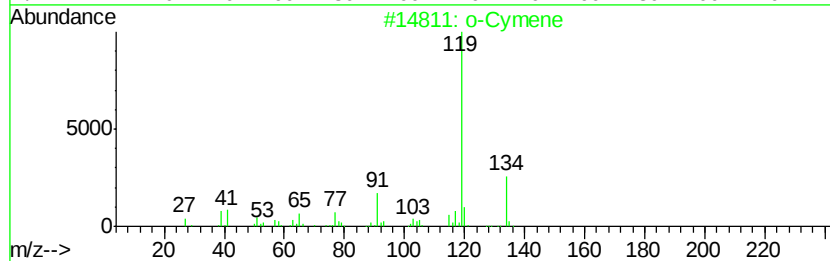
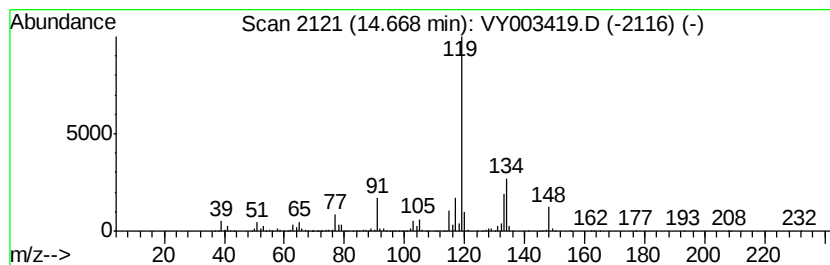
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Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	29.64 ug/l	1203850	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SB-1

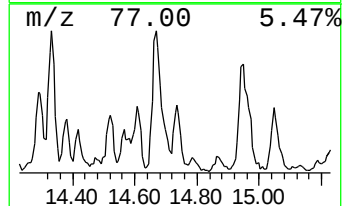
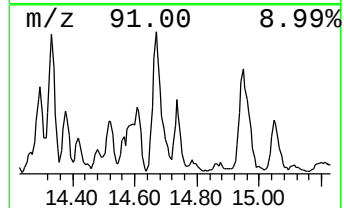
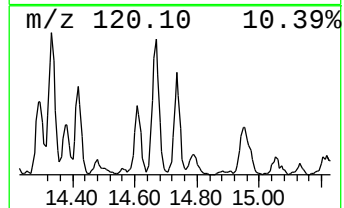
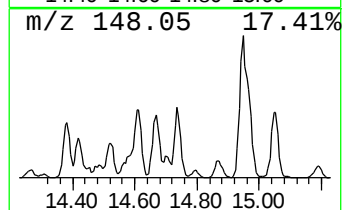
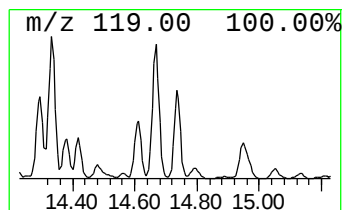
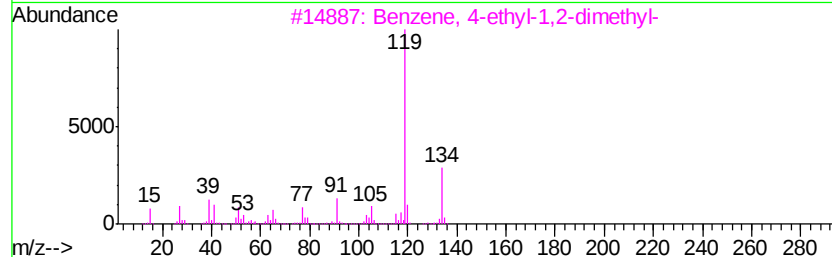
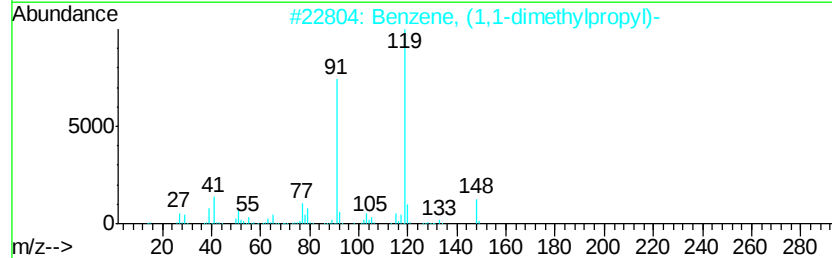
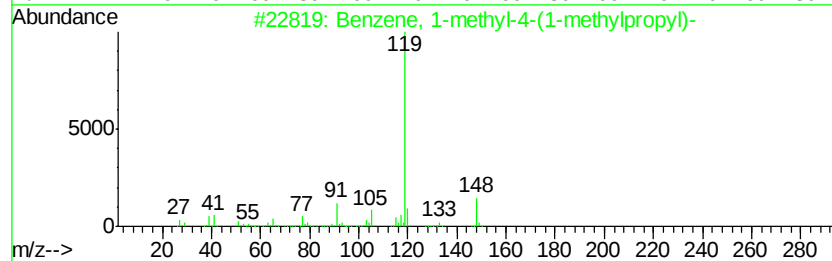
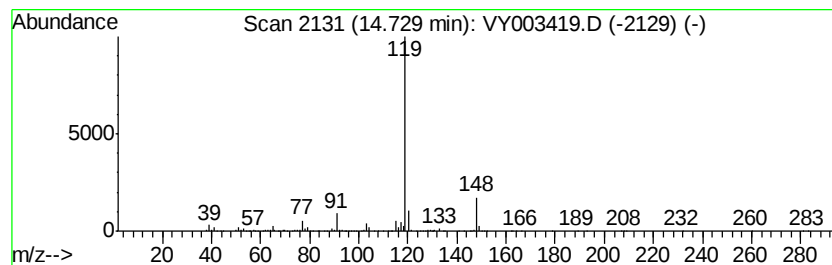
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	10.64 ug/l	432393	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

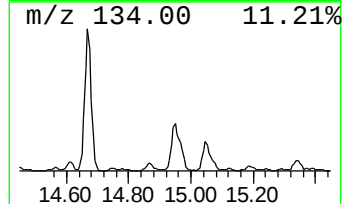
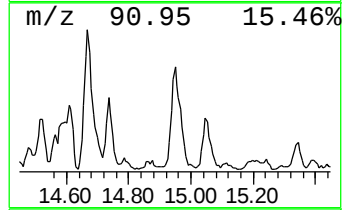
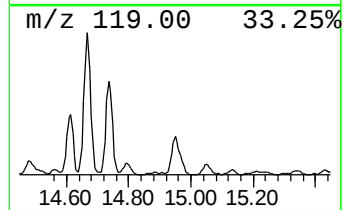
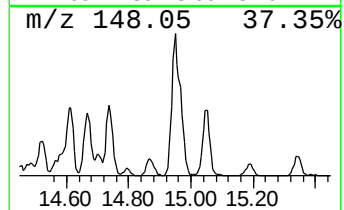
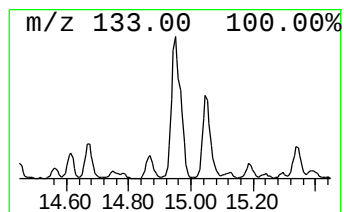
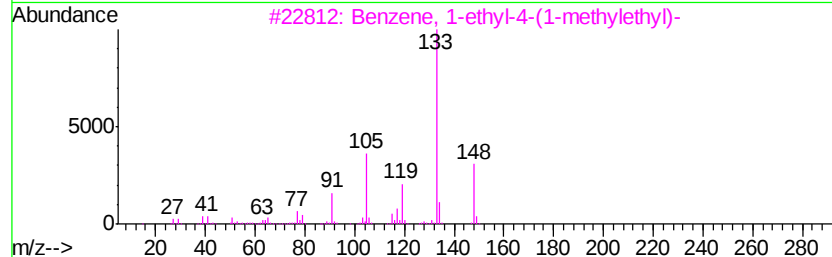
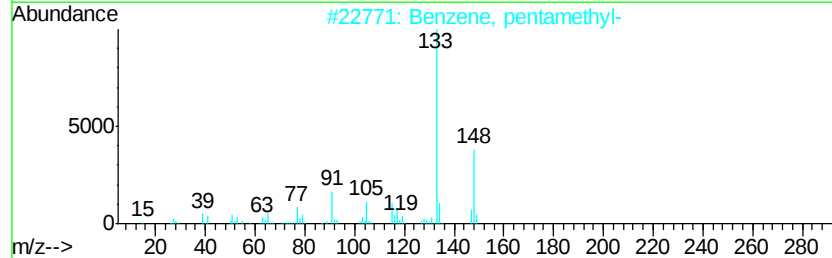
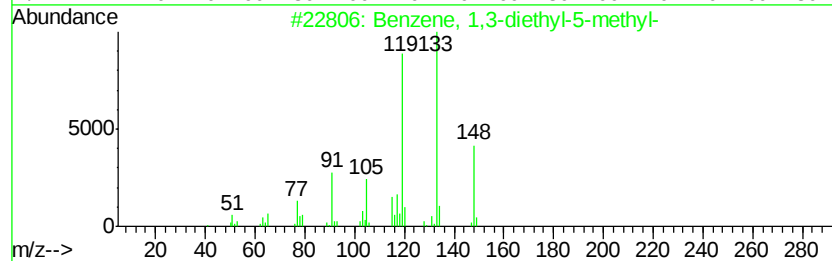
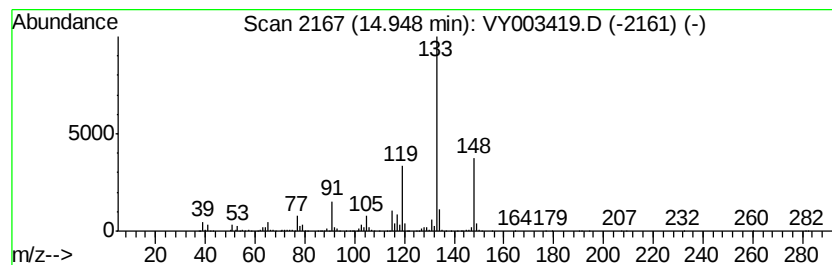
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, pentamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	27.51 ug/l	1117380	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

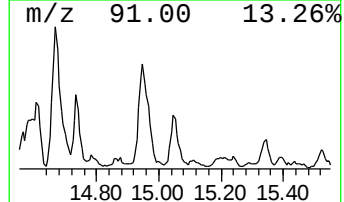
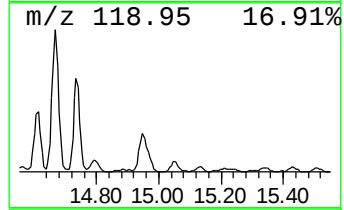
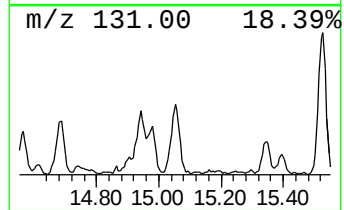
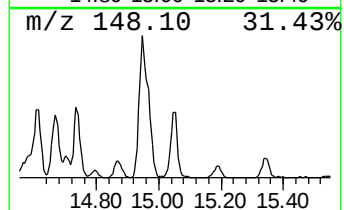
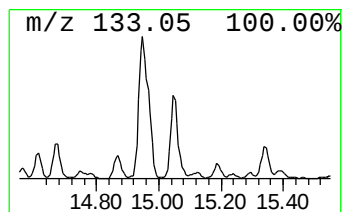
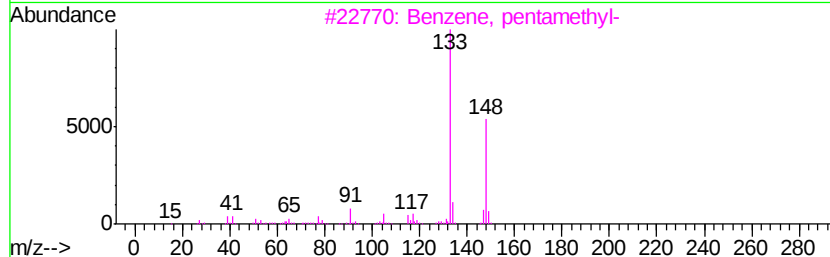
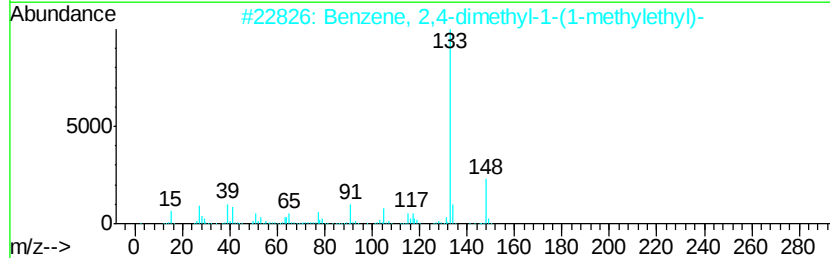
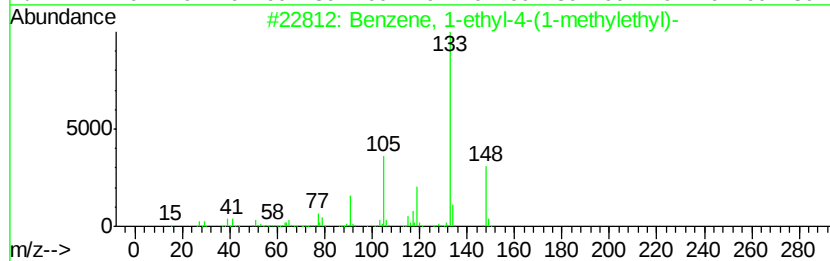
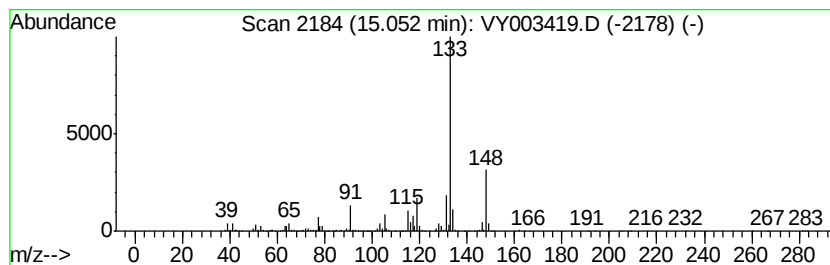
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	12.79 ug/l	519350	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY080320\
Data File : VY003419.D
Acq On : 03 Aug 2020 16:03
Operator : SY/MD
Sample : L3545-03
Misc : 5.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.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
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Benzene, 1,2,4,5-...	14.30	14.3	ug/l	580269	4	13.42	2031000	50.0
Benzene, 1,2,3,4-...	14.33	18.8	ug/l	764016	4	13.42	2031000	50.0
Benzene, 1,3-diet...	14.38	7.6	ug/l	308733	4	13.42	2031000	50.0
Benzene, 1-etheny...	14.56	8.3	ug/l	336376	4	13.42	2031000	50.0
Benzene, (1,1-dim...	14.61	10.0	ug/l	407931	4	13.42	2031000	50.0
o-Cymene	14.67	29.6	ug/l	1203850	4	13.42	2031000	50.0
Benzene, 1-methyl...	14.73	10.6	ug/l	432393	4	13.42	2031000	50.0
Benzene, pentamet...	14.95	27.5	ug/l	1117380	4	13.42	2031000	50.0
Benzene, 1-ethyl-...	15.05	12.8	ug/l	519350	4	13.42	2031000	50.0