

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001817.D
 Acq On : 02 Mar 2020 13:58
 Operator : SY/MD
 Sample : L1743-09
 Misc : 7.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-4

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	7.730	974	983	989	rBV	113429	268215	2.73%	0.990%
2	7.803	989	995	1007	rVB	194648	433932	4.41%	1.602%
3	8.151	1044	1052	1065	rVB	121666	277923	2.83%	1.026%
4	8.699	1132	1142	1151	rBV	332316	645761	6.56%	2.385%
5	10.187	1378	1386	1392	rBV	510529	911717	9.27%	3.367%
6	10.248	1392	1396	1402	rVB	83545	138949	1.41%	0.513%
7	11.491	1592	1600	1610	rVB	475808	765154	7.78%	2.826%
8	11.595	1610	1617	1624	rBV	273882	419082	4.26%	1.548%
9	11.699	1624	1634	1645	rVV	268854	477778	4.86%	1.764%
10	12.034	1677	1689	1696	rBV	165326	277534	2.82%	1.025%
11	12.333	1731	1738	1744	rBV	112098	167454	1.70%	0.618%
12	12.485	1756	1763	1770	rBV	342043	534648	5.43%	1.974%
13	12.735	1798	1804	1808	rVV	420536	684073	6.95%	2.526%
14	12.772	1808	1810	1813	rVV	172690	206128	2.10%	0.761%
15	12.814	1813	1817	1823	rVB	192664	284393	2.89%	1.050%
16	12.973	1835	1843	1851	rBV	132016	207708	2.11%	0.767%
17	13.119	1860	1867	1874	rBV	371207	569173	5.79%	2.102%
18	13.314	1894	1899	1904	rBV	104308	165514	1.68%	0.611%
19	13.430	1912	1918	1921	rVV	417806	686684	6.98%	2.536%
20	13.461	1921	1923	1928	rVB	129185	150605	1.53%	0.556%
21	13.595	1938	1945	1946	rBV	103292	125591	1.28%	0.464%
22	13.631	1946	1951	1955	rVV	940795	1542658	15.68%	5.697%
23	13.668	1955	1957	1967	rVB2	244670	328600	3.34%	1.213%
24	13.887	1987	1993	1995	rBV	74238	107144	1.09%	0.396%
25	13.918	1995	1998	2002	rVV	86708	123726	1.26%	0.457%
26	13.973	2002	2007	2013	rVB	179698	264949	2.69%	0.978%
27	14.082	2020	2025	2030	rVB	277527	431445	4.39%	1.593%
28	14.570	2100	2105	2110	rBV	222368	337648	3.43%	1.247%
29	14.686	2117	2124	2131	rBV2	372408	670109	6.81%	2.475%
30	14.948	2156	2167	2171	rBV3	68828	167835	1.71%	0.620%
31	15.058	2176	2185	2196	rVB4	92935	270757	2.75%	1.000%
32	15.241	2205	2215	2223	rVB	5804829	9837459	100.00%	36.328%
33	15.338	2224	2231	2237	rVV3	224288	425954	4.33%	1.573%
34	15.698	2278	2290	2300	rBV3	38531	113618	1.15%	0.420%

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Instrument :
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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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35	16.302	2381	2389	2403	rVB	1224817	2505152	25.47%	9.251%
36	16.497	2413	2421	2434	rVB	734104	1554154	15.80%	5.739%

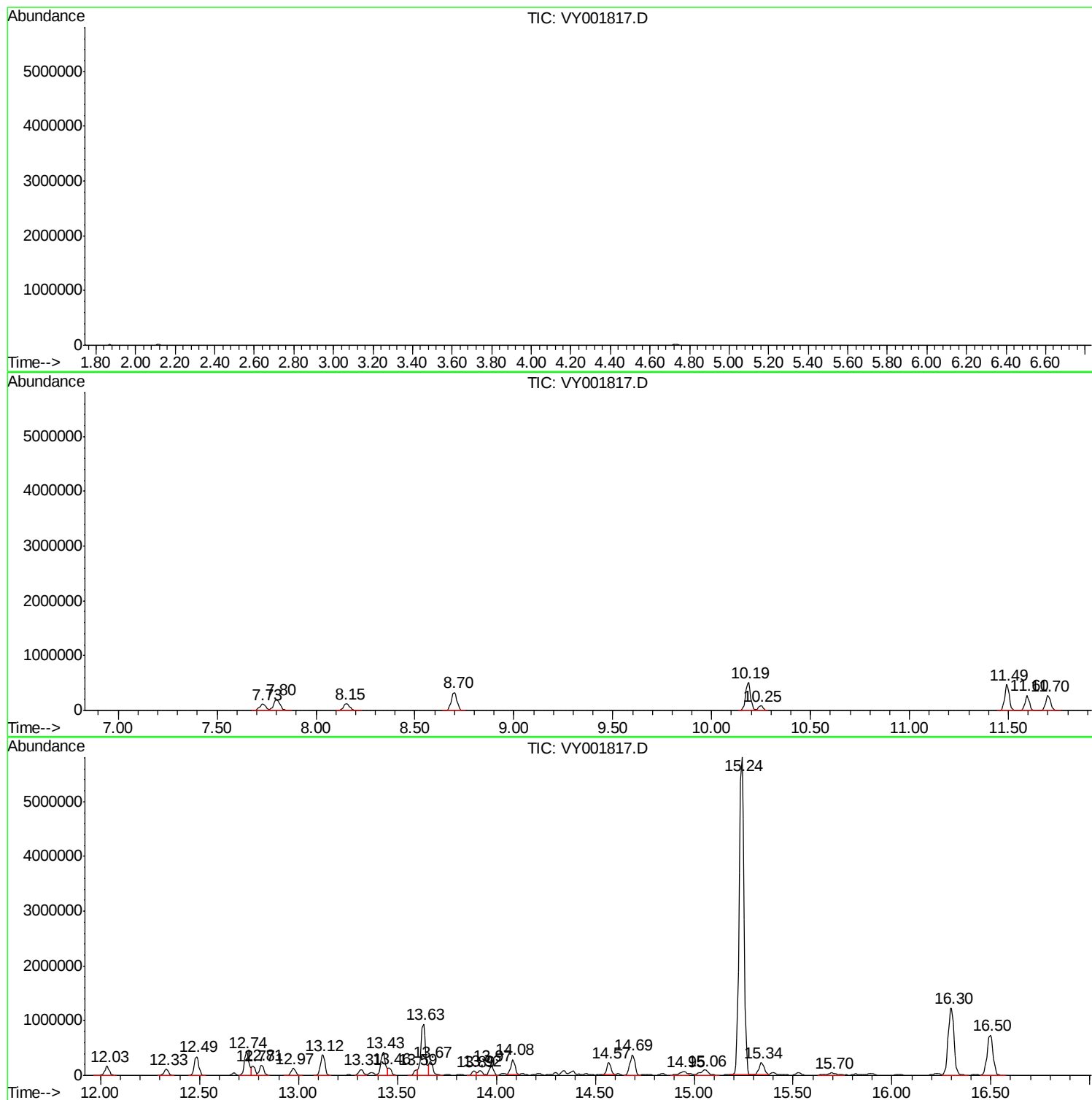
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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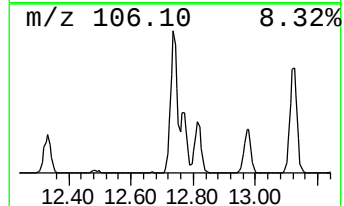
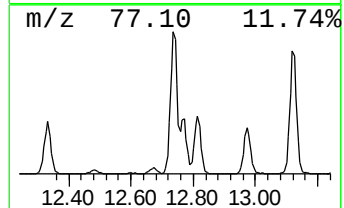
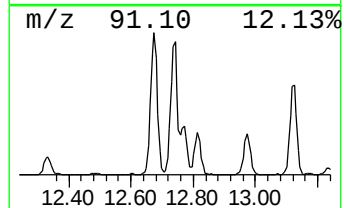
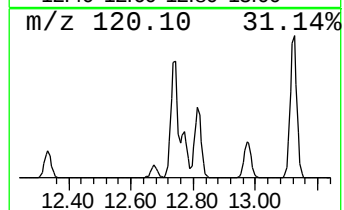
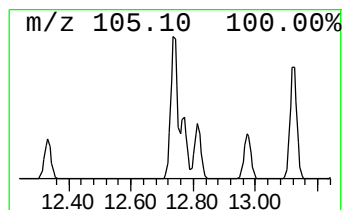
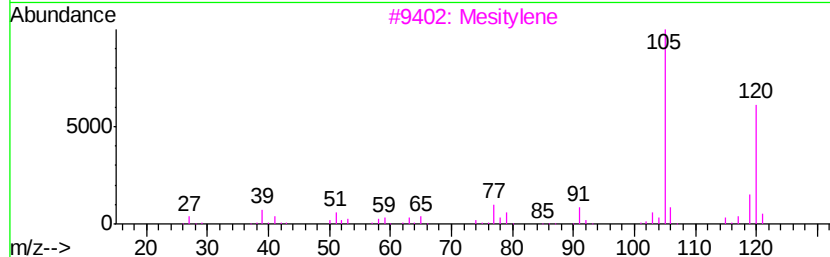
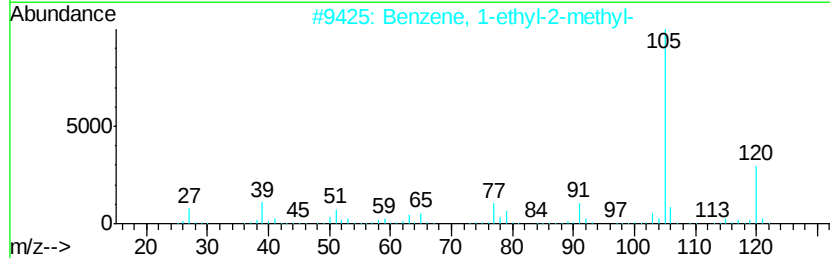
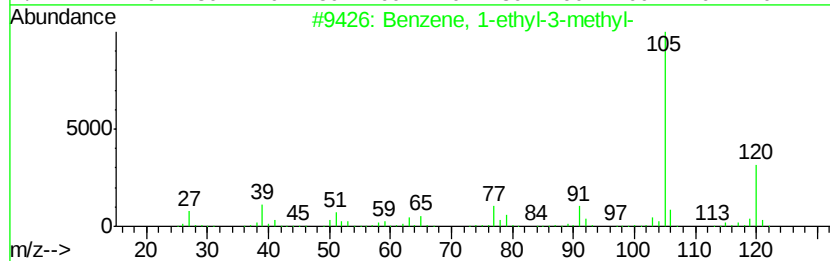
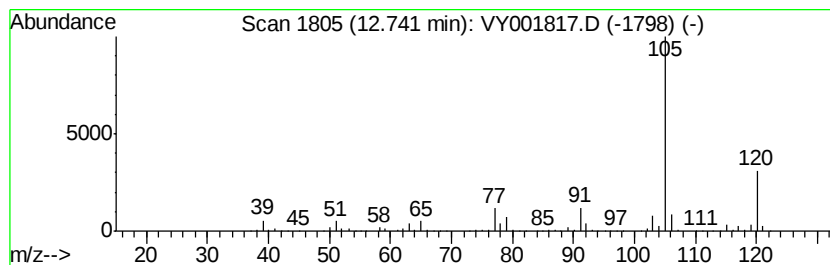
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	49.81 ug/l	684073	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	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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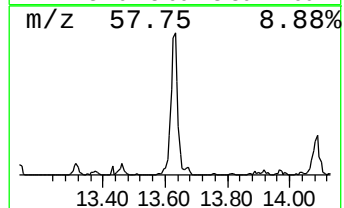
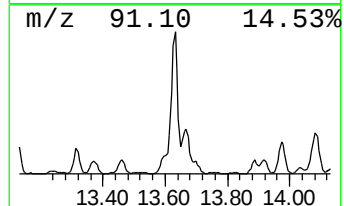
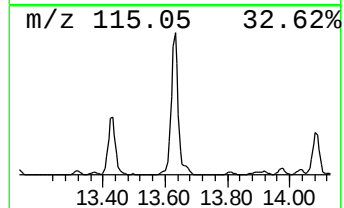
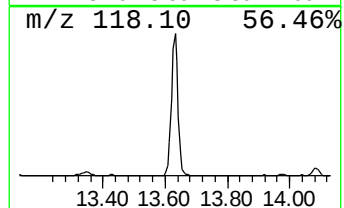
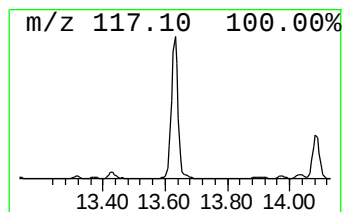
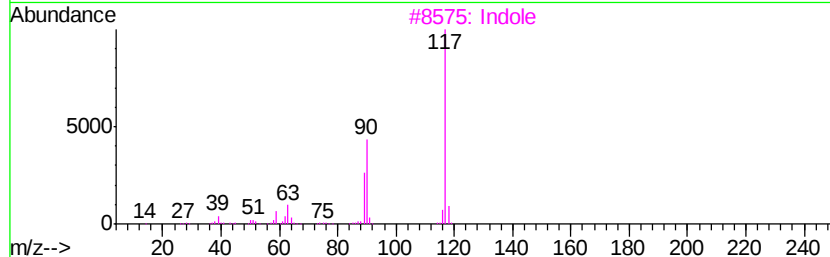
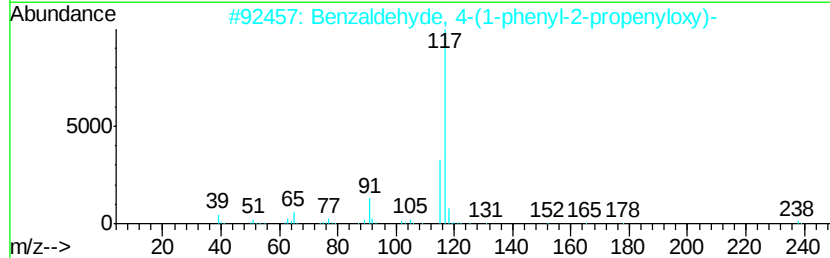
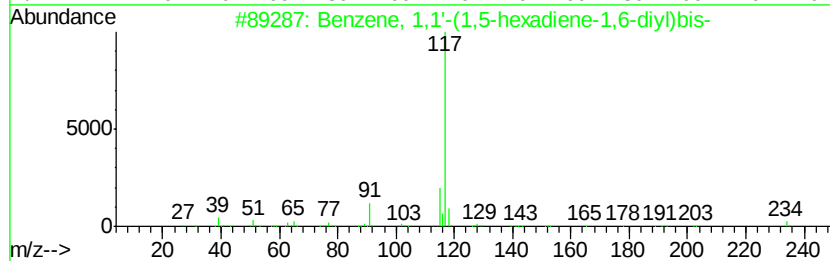
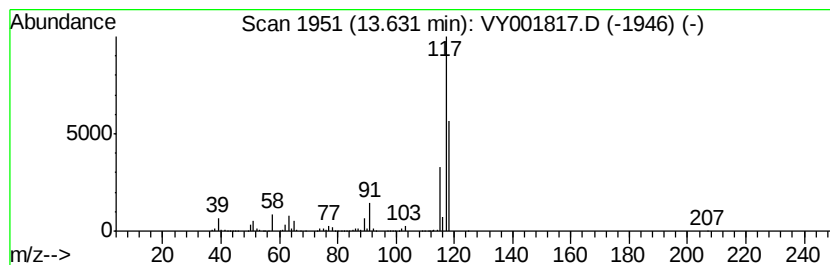
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	112.33 ug/l	1542660	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,1'-(1,5-hexadiene-1,6...	234 C18H18	004439-45-6 59
2		Benzaldehyde, 4-(1-phenyl-2-prop...	238 C16H14O2	1000277-56-1 53
3		Indole	117 C8H7N	000120-72-9 46
4		Benzene, (2-bromocyclopropyl)-	196 C9H9Br	036617-02-4 43
5		trans-Cinnamyl bromide	196 C9H9Br	026146-77-0 42



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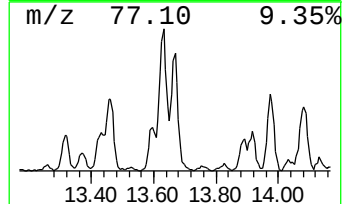
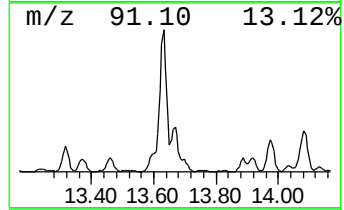
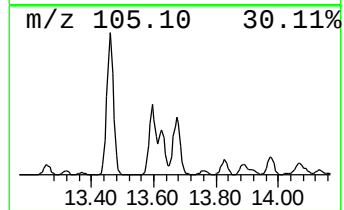
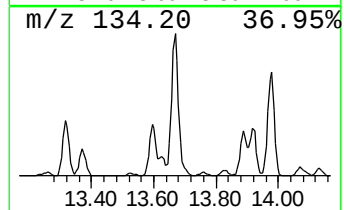
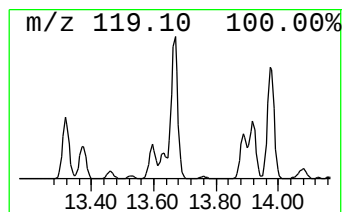
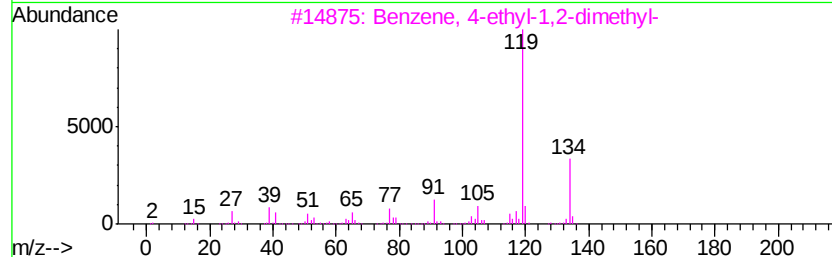
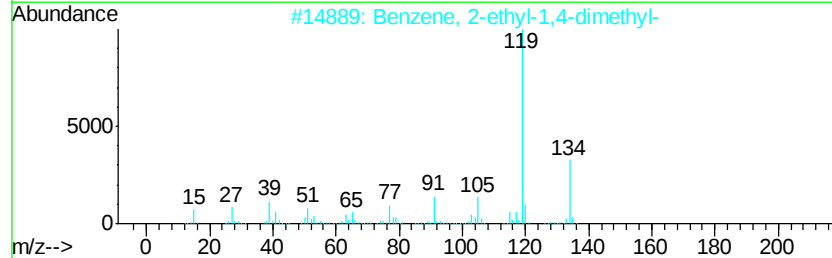
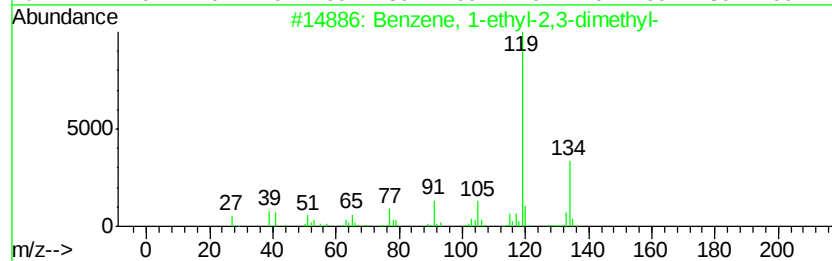
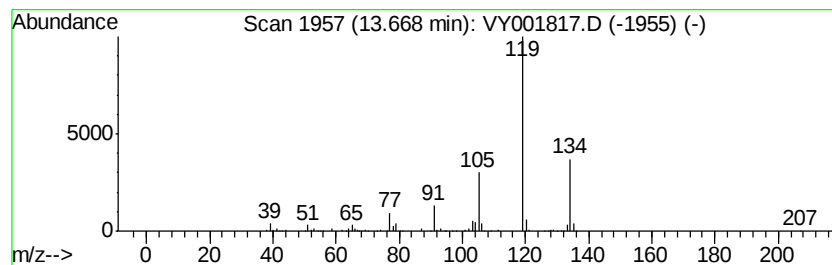
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	23.93 ug/l	328600	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2	86
2	Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9	86
3	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	80
4	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	72



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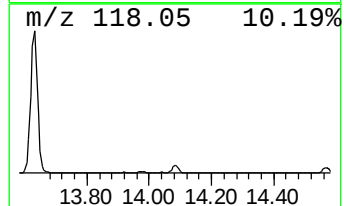
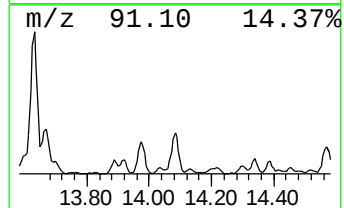
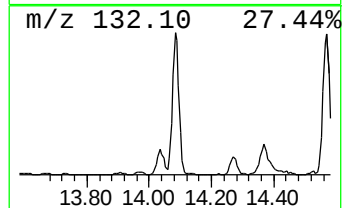
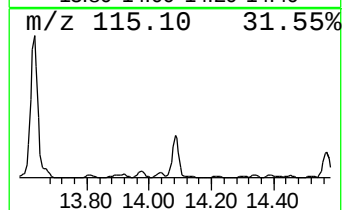
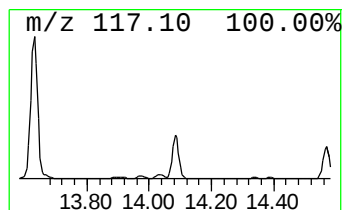
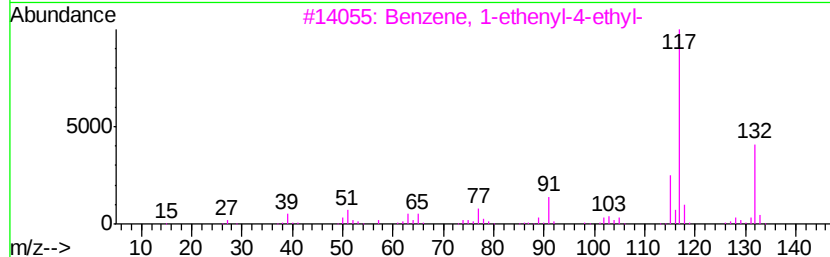
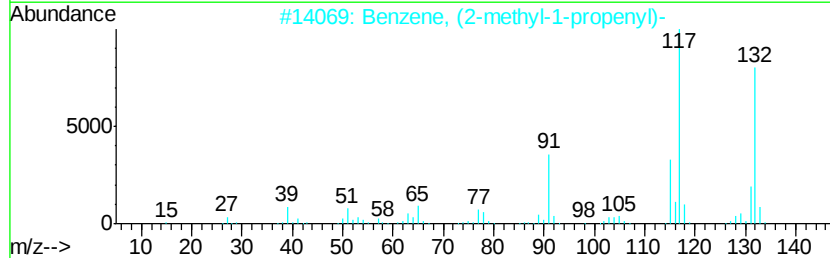
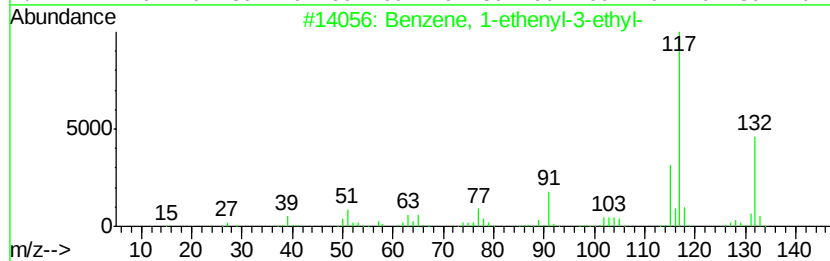
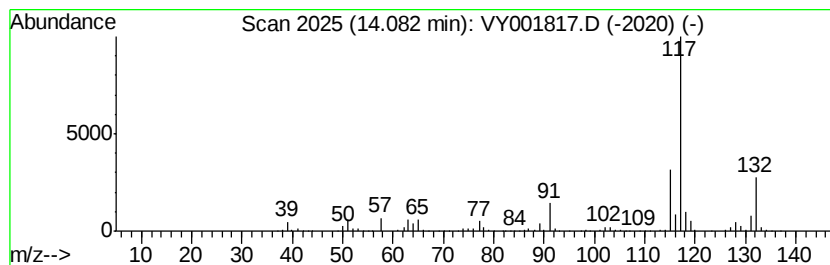
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	31.42 ug/l	431445	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5		Indan, 1-methyl-	132	C10H12	000767-58-8	83



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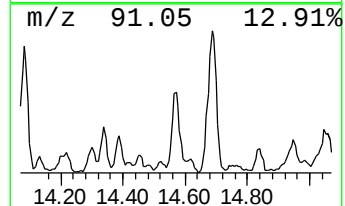
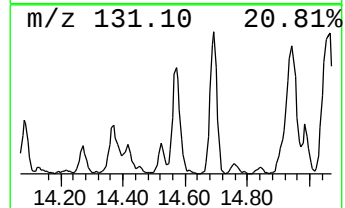
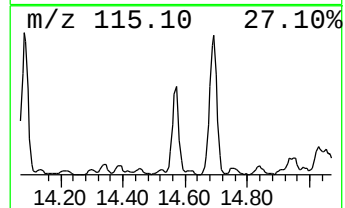
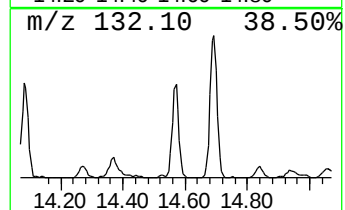
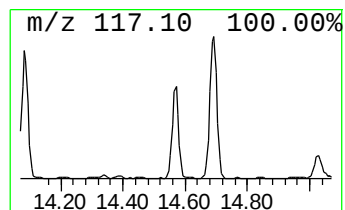
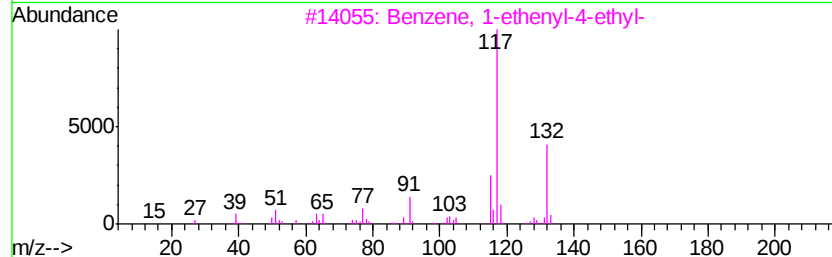
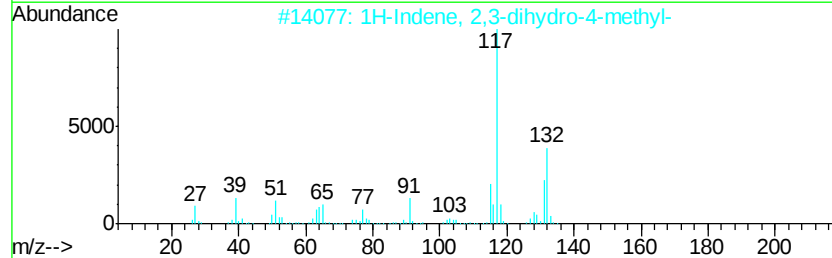
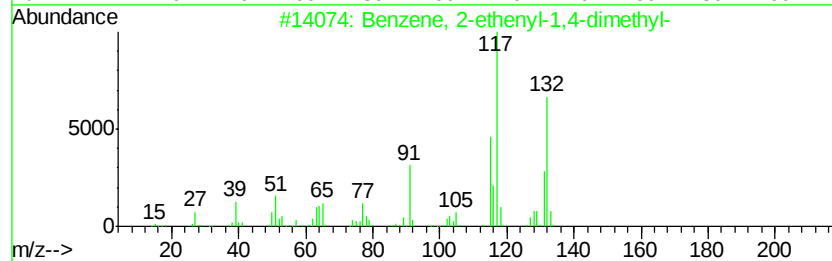
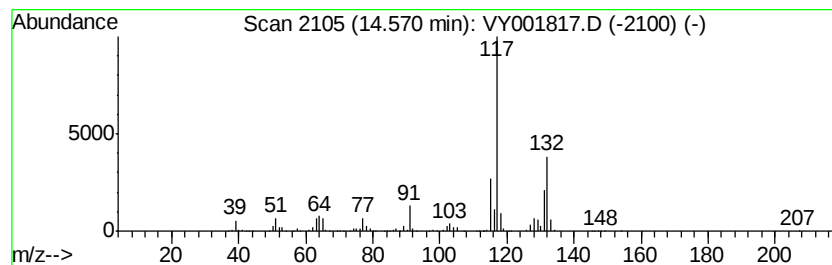
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	24.59 ug/l	337648	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001817.D
Acq On : 02 Mar 2020 13:58
Operator : SY/MD
Sample : L1743-09
Misc : 7.92G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-4

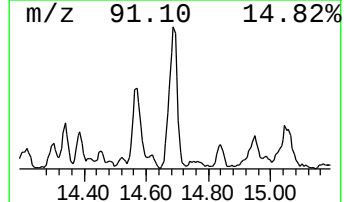
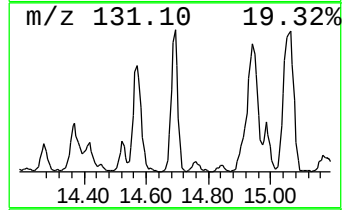
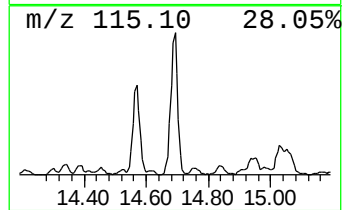
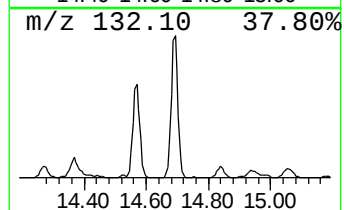
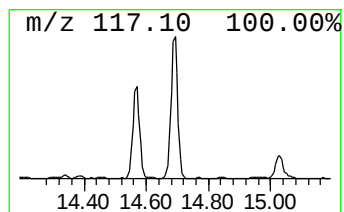
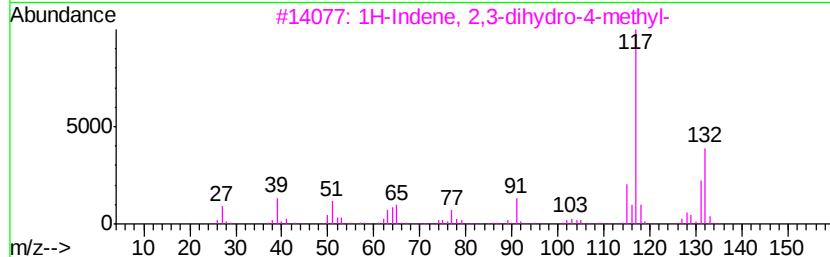
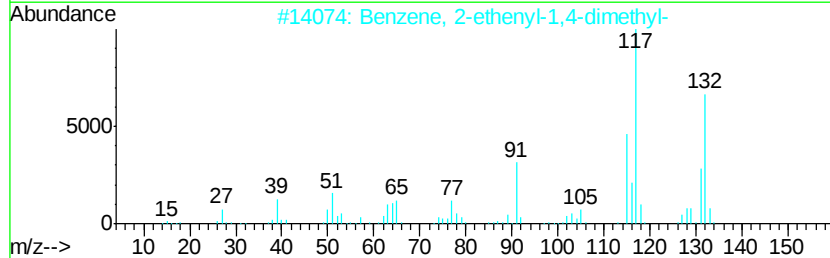
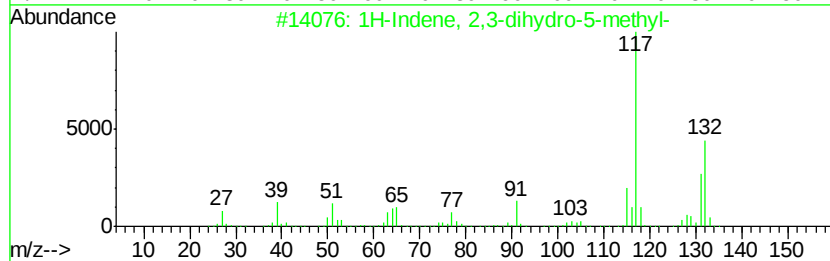
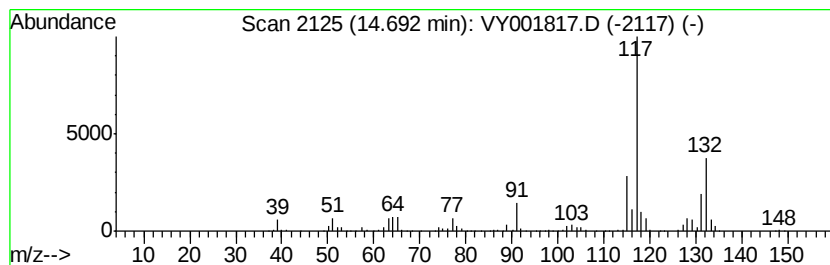
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	48.79 ug/l	670109	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001817.D
Acq On : 02 Mar 2020 13:58
Operator : SY/MD
Sample : L1743-09
Misc : 7.92G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-4

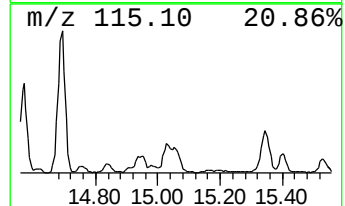
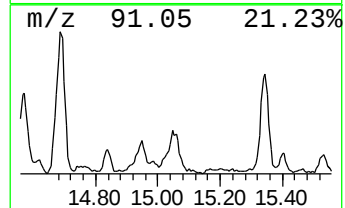
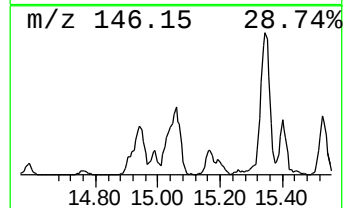
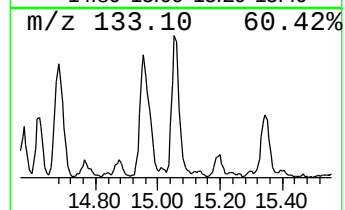
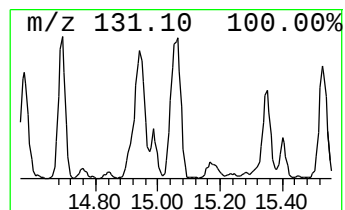
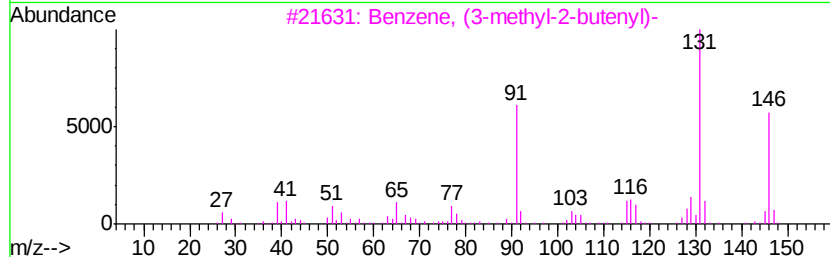
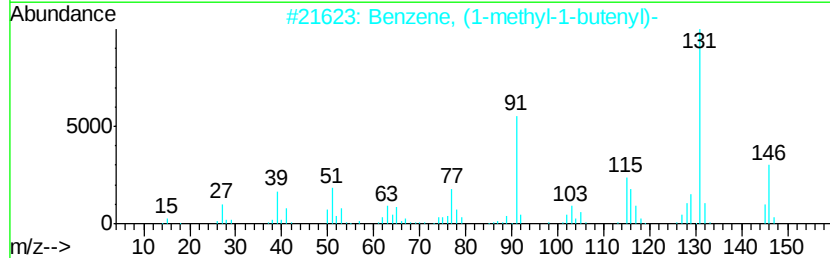
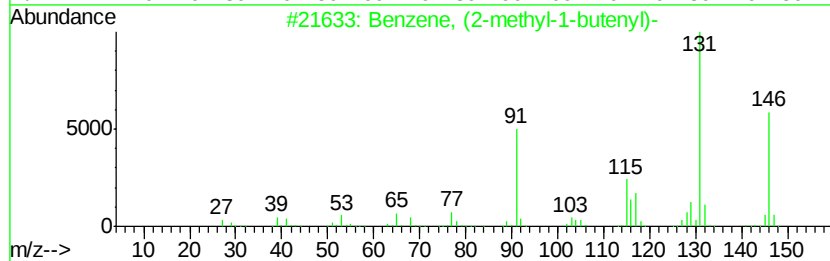
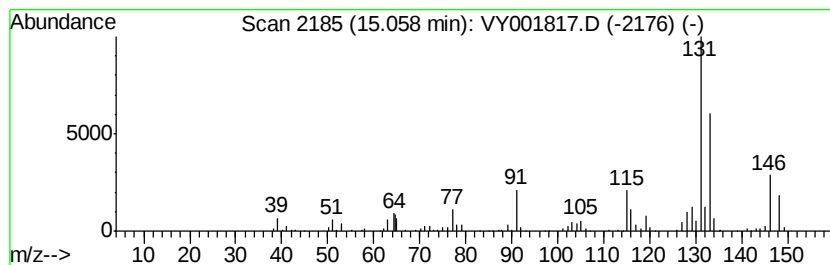
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	19.71 ug/l	270757	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001817.D
Acq On : 02 Mar 2020 13:58
Operator : SY/MD
Sample : L1743-09
Misc : 7.92G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

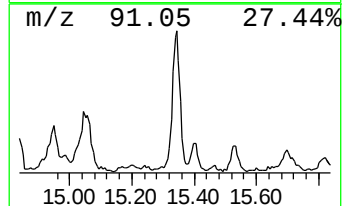
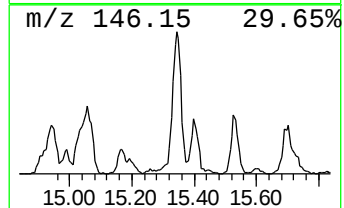
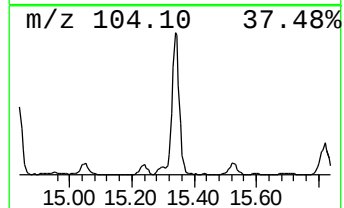
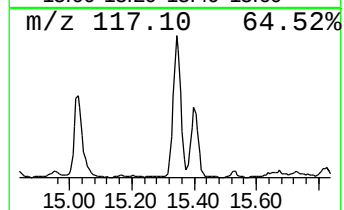
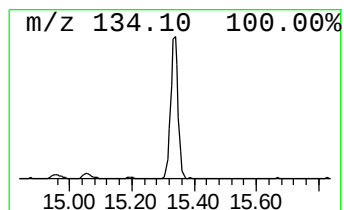
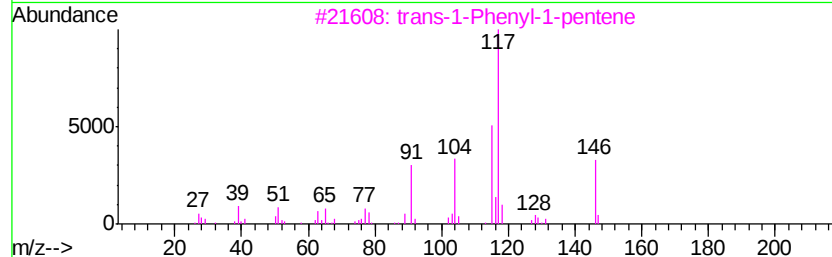
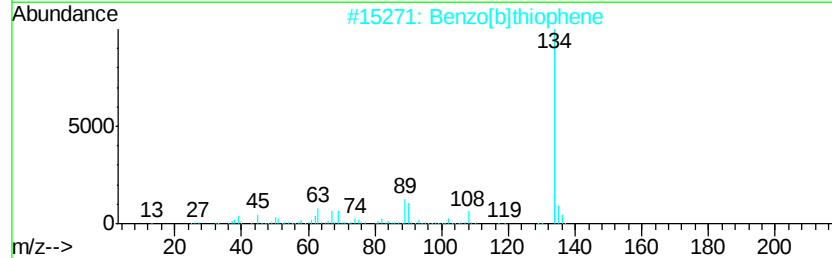
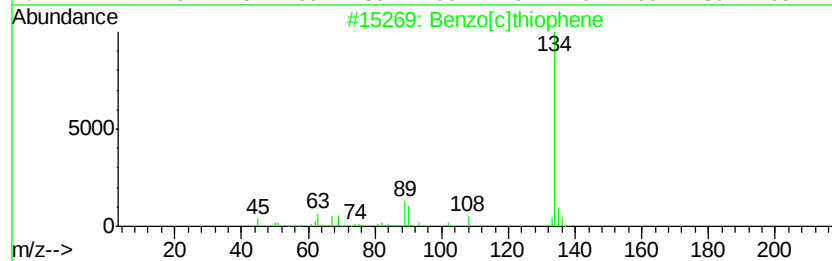
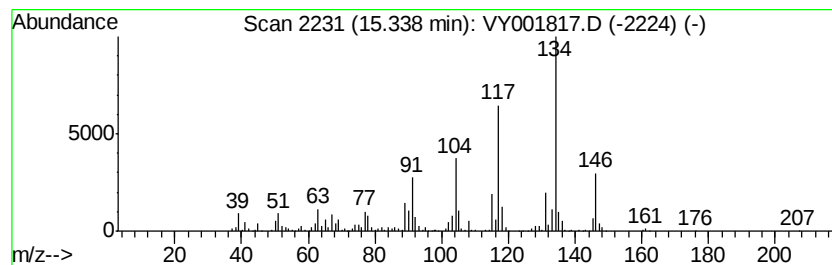
Instrument :
MSVOA_Y
ClientSampleId :
G-4

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 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	31.02 ug/l	425954	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[c]thiophene	134 C8H6S	000270-82-6	83
2	Benzo[b]thiophene	134 C8H6S	000095-15-8	80
3	trans-1-Phenyl-1-pentene	146 C11H14	016002-93-0	47
4	Cyclopenta[c]thiapyran	134 C8H6S	000270-63-3	42
5	Benzene, cyclopentyl-	146 C11H14	000700-88-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001817.D
Acq On : 02 Mar 2020 13:58
Operator : SY/MD
Sample : L1743-09
Misc : 7.92G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-4

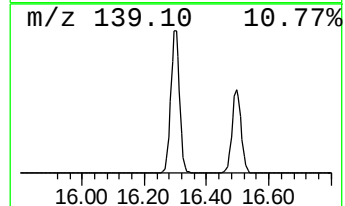
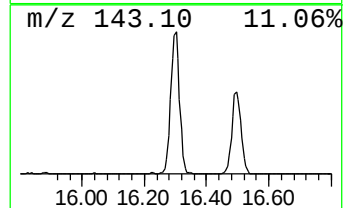
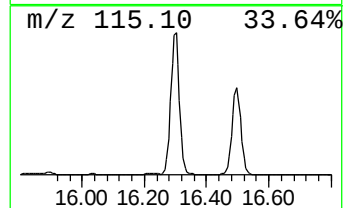
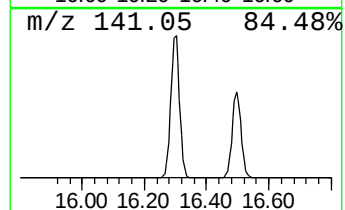
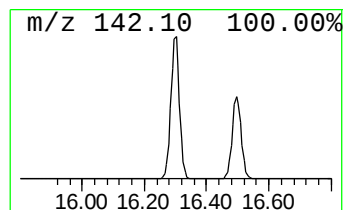
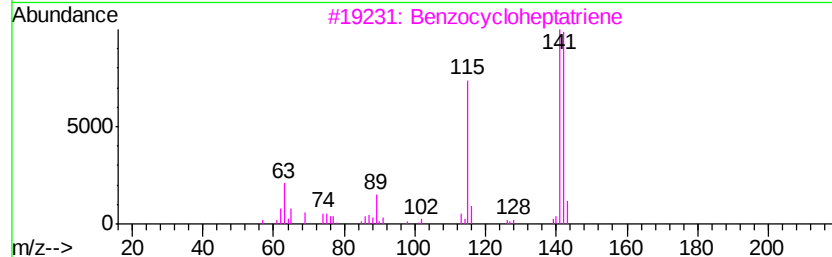
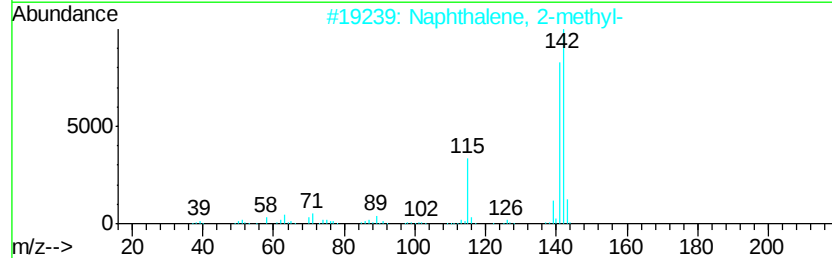
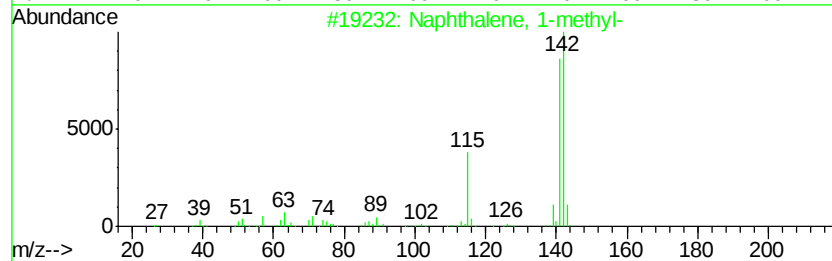
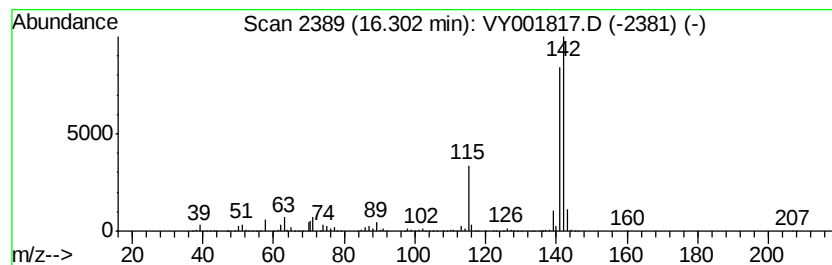
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	182.41 ug/l	2505150	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		3-Indolecarbonitrile	142	C9H6N2	005457-28-3	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
Data File : VY001817.D
Acq On : 02 Mar 2020 13:58
Operator : SY/MD
Sample : L1743-09
Misc : 7.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-4

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	49.8	ug/l	684073	4	13.43	686684	50.0
Benzene, 1,1'-(1,...	13.63	112.3	ug/l	1542660	4	13.43	686684	50.0
Benzene, 1-ethyl-...	13.67	23.9	ug/l	328600	4	13.43	686684	50.0
Benzene, 1-etheny...	14.08	31.4	ug/l	431445	4	13.43	686684	50.0
Benzene, 2-etheny...	14.57	24.6	ug/l	337648	4	13.43	686684	50.0
1H-Indene, 2,3-di...	14.69	48.8	ug/l	670109	4	13.43	686684	50.0
Benzene, (2-methy...	15.06	19.7	ug/l	270757	4	13.43	686684	50.0
Benzo[c]thiophene	15.34	31.0	ug/l	425954	4	13.43	686684	50.0
Naphthalene, 1-me...	16.30	182.4	ug/l	2505150	4	13.43	686684	50.0