

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001380.D
 Acq On : 24 Jan 2020 14:28
 Operator : SY/MD
 Sample : L1238-01
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLIFTON-POLES

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\82Y012120S.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	11.595	1611	1617	1626	rVB	476959	742835	1.24%	0.386%
2	11.705	1626	1635	1644	rBV	697019	1296774	2.17%	0.674%
3	12.034	1682	1689	1697	rVB	745990	1195142	2.00%	0.621%
4	12.339	1731	1739	1749	rBV	586112	1010765	1.69%	0.525%
5	12.741	1798	1805	1808	rBV	1571497	2620428	4.39%	1.362%
6	12.772	1808	1810	1813	rVV	917770	1123014	1.88%	0.584%
7	12.814	1813	1817	1823	rVB	2621229	3918755	6.56%	2.037%
8	12.973	1837	1843	1851	rBV	467405	822016	1.38%	0.427%
9	13.125	1860	1868	1873	rBV	4957741	7347261	12.30%	3.818%
10	13.320	1893	1900	1902	rBV	456858	743438	1.24%	0.386%
11	13.461	1914	1923	1927	rVV	1712115	2663905	4.46%	1.384%
12	13.631	1939	1951	1966	rBV2	13216541	24309243	40.68%	12.634%
13	13.759	1966	1972	1975	rVV	515141	713523	1.19%	0.371%
14	13.814	1975	1981	1988	rVB	1404671	2281898	3.82%	1.186%
15	13.887	1988	1993	1996	rBV	435354	715108	1.20%	0.372%
16	13.918	1996	1998	2003	rVB	516167	641242	1.07%	0.333%
17	13.979	2003	2008	2012	rBV	1132144	1648910	2.76%	0.857%
18	14.083	2020	2025	2037	rVB	1647236	2893456	4.84%	1.504%
19	14.272	2051	2056	2058	rVV	885799	1397614	2.34%	0.726%
20	14.302	2058	2061	2064	rVV	1106158	1714528	2.87%	0.891%
21	14.339	2064	2067	2069	rVV	1280065	1891152	3.16%	0.983%
22	14.369	2069	2072	2079	rVV2	1592072	3406427	5.70%	1.770%
23	14.430	2079	2082	2093	rVB5	338041	914412	1.53%	0.475%
24	14.570	2100	2105	2110	rBV	2251819	3403075	5.70%	1.769%
25	14.619	2110	2113	2117	rVB	836424	1059581	1.77%	0.551%
26	14.692	2117	2125	2130	rBV2	3308326	6215847	10.40%	3.230%
27	14.753	2130	2135	2143	rVB2	1759658	2948668	4.93%	1.532%
28	14.838	2143	2149	2157	rVB	1977234	3169549	5.30%	1.647%
29	14.954	2157	2168	2172	rBV4	620402	1605619	2.69%	0.834%
30	15.064	2177	2186	2194	rVB3	386350	1152958	1.93%	0.599%
31	15.168	2195	2203	2206	rBV4	594101	1169418	1.96%	0.608%
32	15.253	2208	2217	2224	rVB2	23475909	59753066	100.00%	31.054%
33	15.338	2224	2231	2238	rBV	2727003	5373982	8.99%	2.793%
34	15.442	2245	2248	2256	rVB	526917	774340	1.30%	0.402%

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CLIFTON-POLES

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	15.527	2257	2262	2269	rBV	473719	860979	1.44%	0.447%
36	15.698	2281	2290	2298	rBV4	311556	1022710	1.71%	0.532%
37	16.235	2370	2378	2381	rBV2	322433	746639	1.25%	0.388%
38	16.302	2381	2389	2397	rVB	10560866	23710602	39.68%	12.322%
39	16.497	2413	2421	2432	rVB	6012797	13438534	22.49%	6.984%

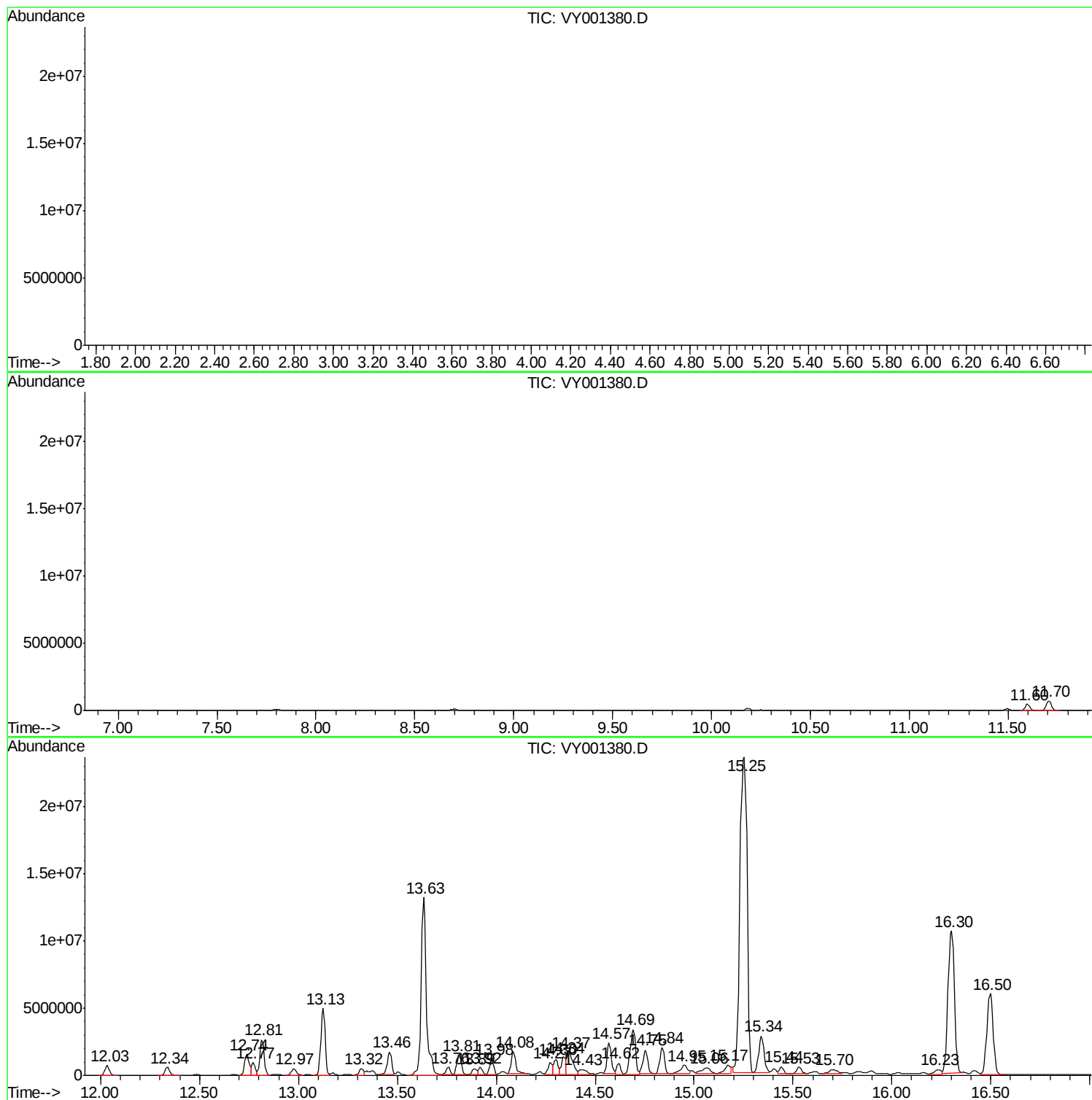
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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



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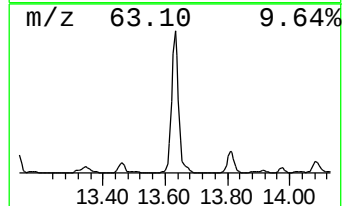
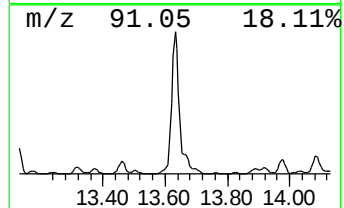
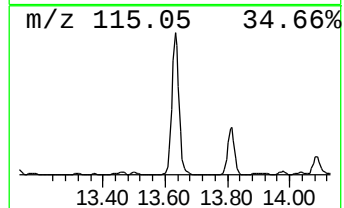
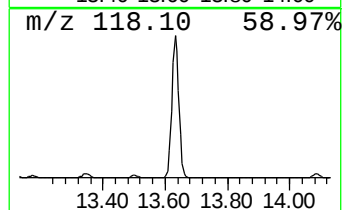
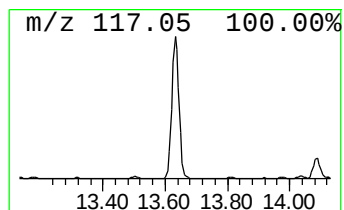
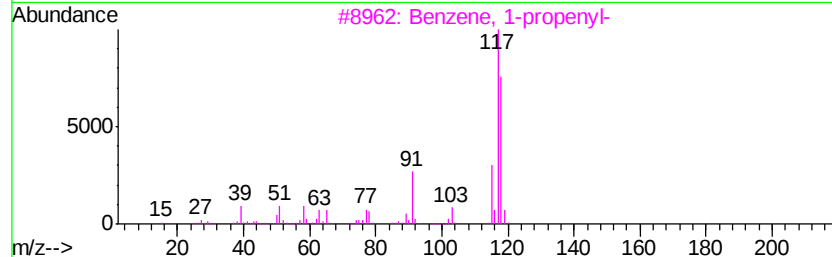
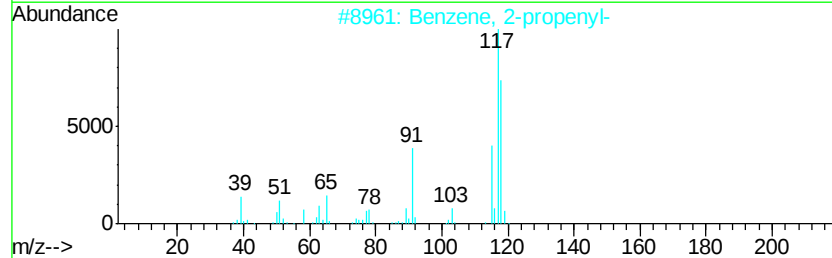
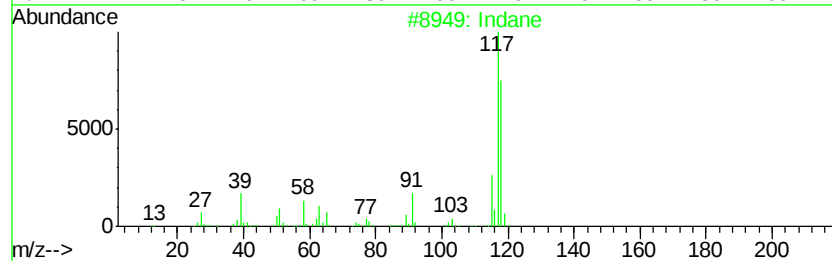
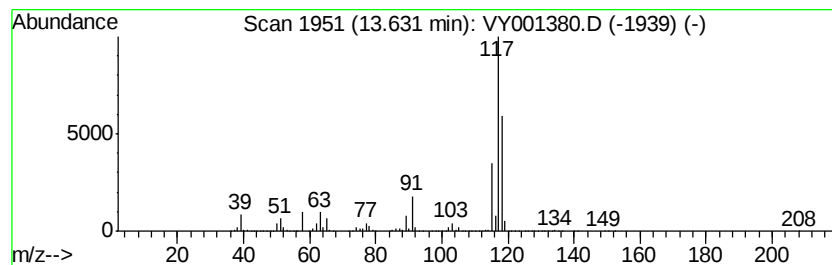
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	456.27 ug/l	24309200	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	96
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Deltacyclene	118	C9H10	007785-10-6	68



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Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

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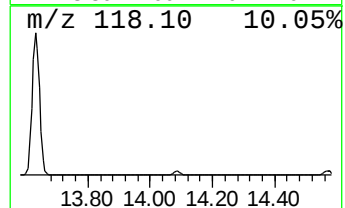
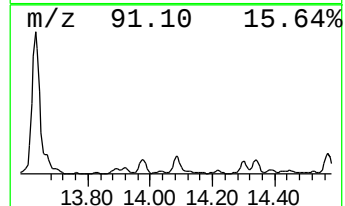
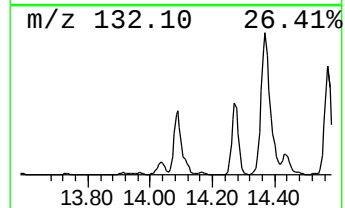
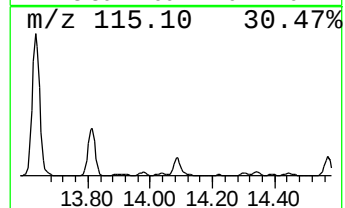
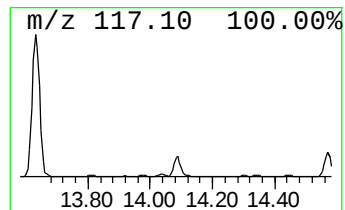
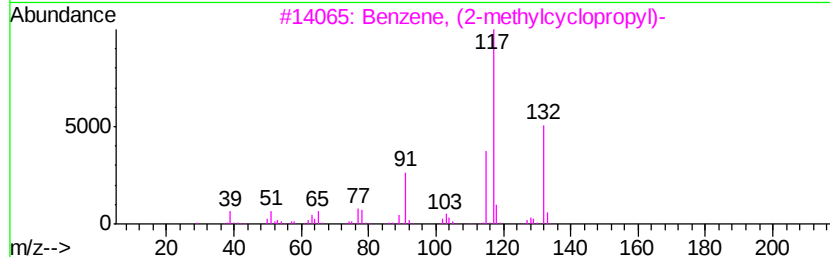
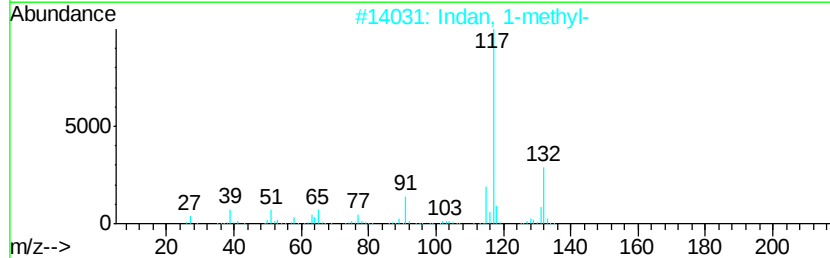
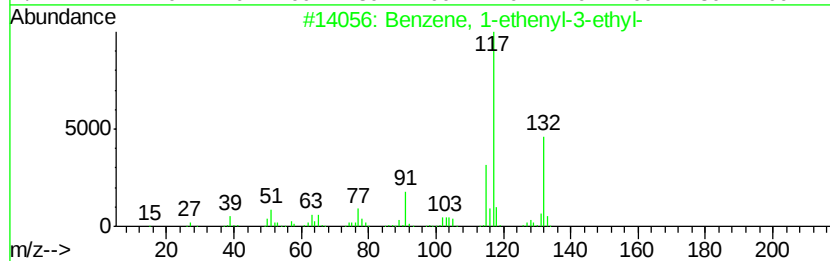
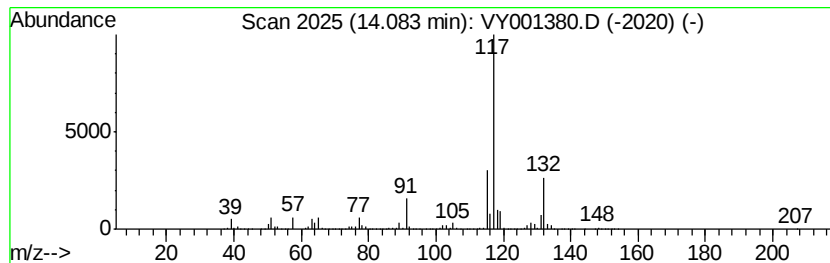
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	54.31 ug/l	2893460	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	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81



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ClientSampleId :
CLIFTON-POLES

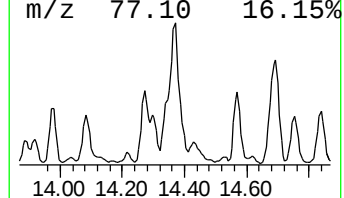
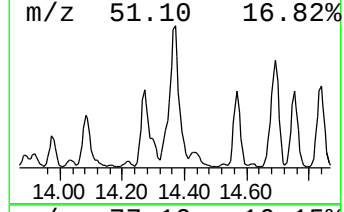
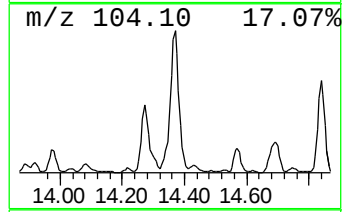
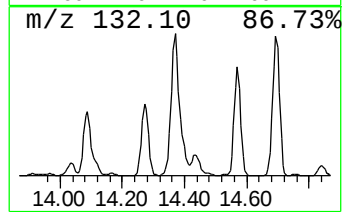
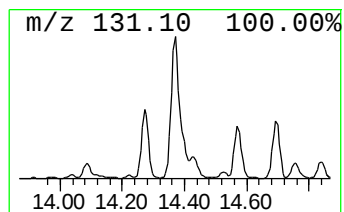
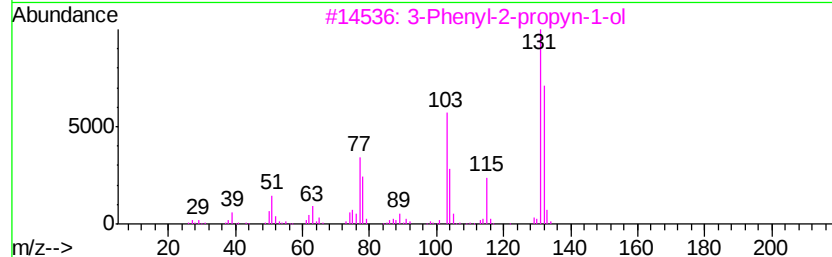
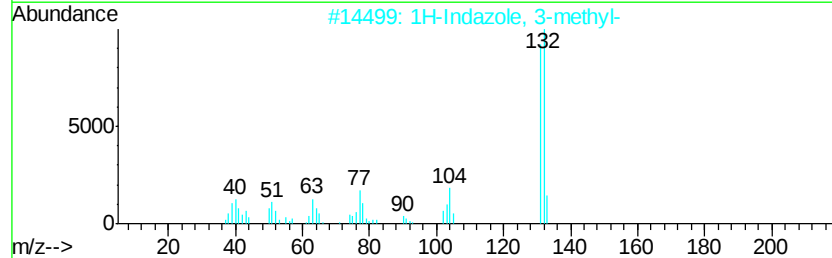
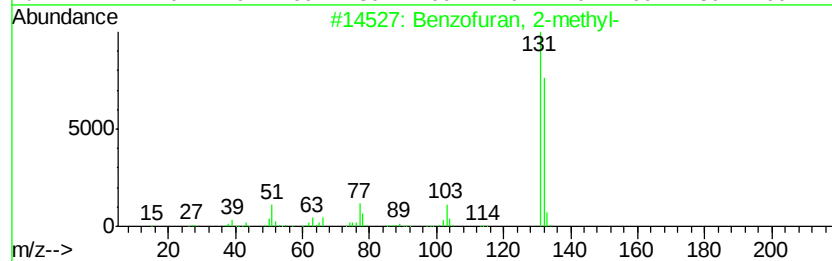
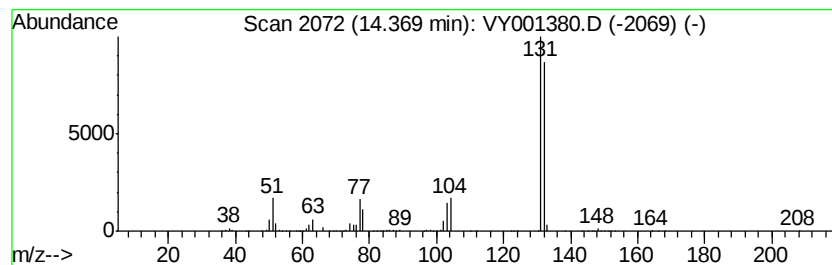
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Quant Title : SW846 8260

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

Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	63.94 ug/l	3406430	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2		1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	91
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
4		5-Methylbenzimidazole	132	C8H8N2	000614-97-1	86
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83



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Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

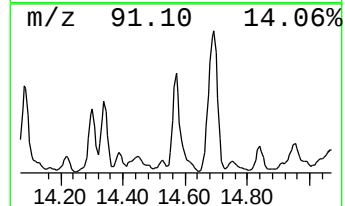
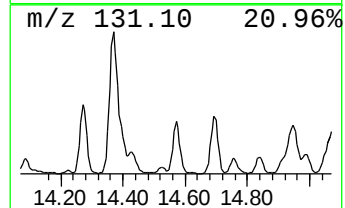
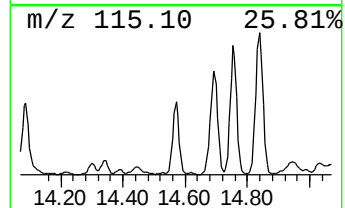
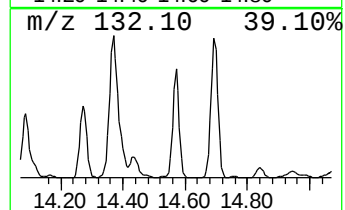
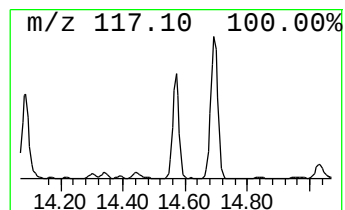
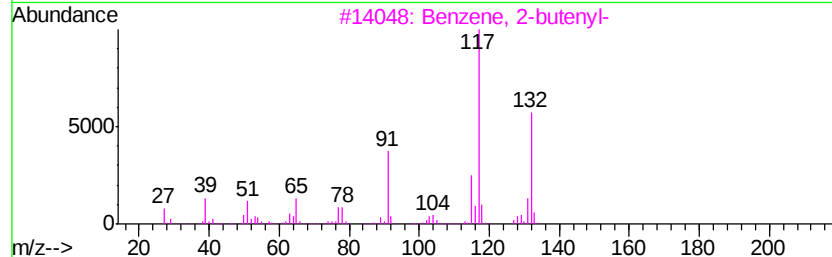
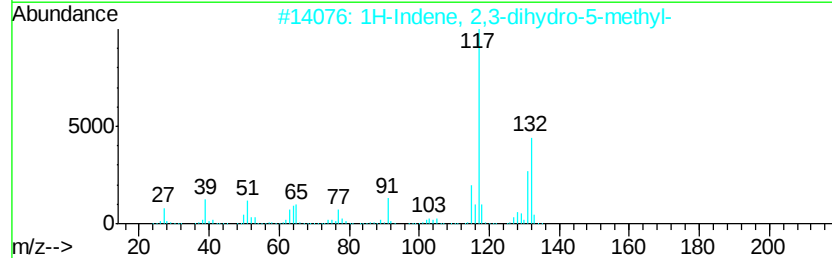
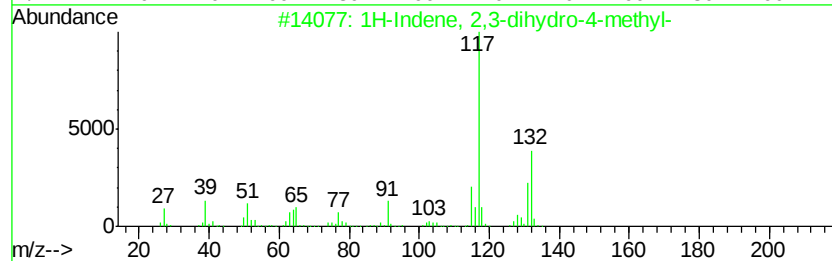
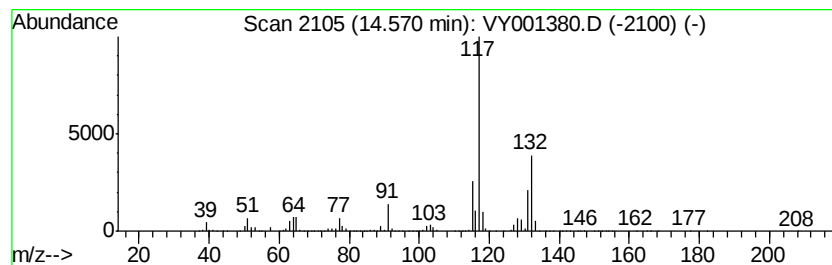
Instrument :
MSVOA_Y
ClientSampleId :
CLIFTON-POLES

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	63.87 ug/l	3403080	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 95
2		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 93
3		Benzene, 2-butenyl-	132 C10H12	001560-06-1 87
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 87
5		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 87



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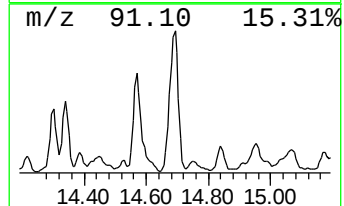
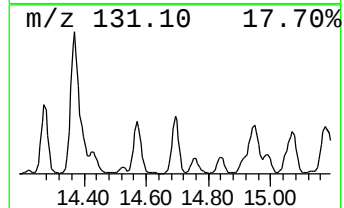
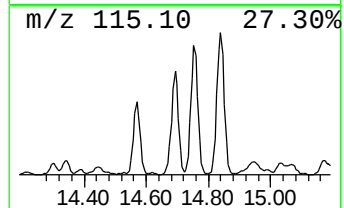
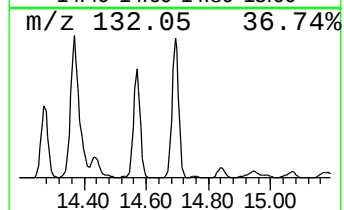
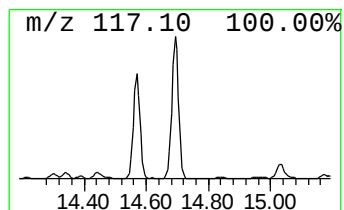
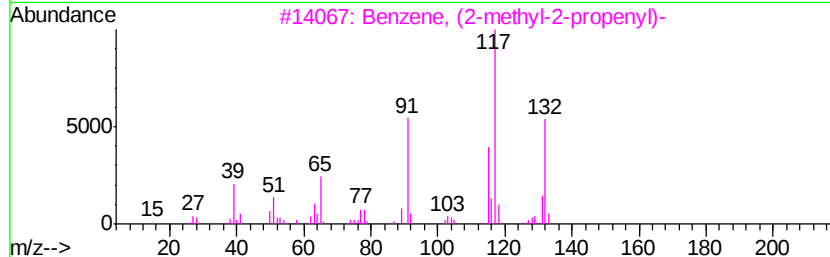
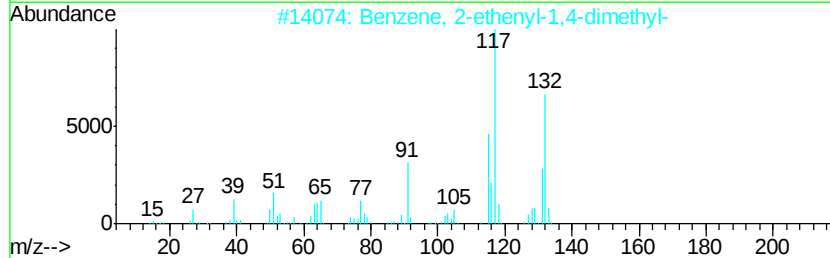
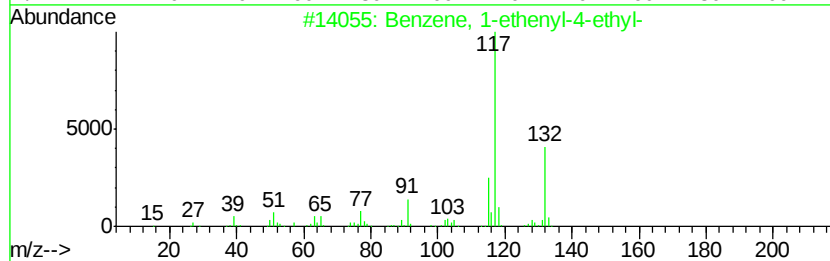
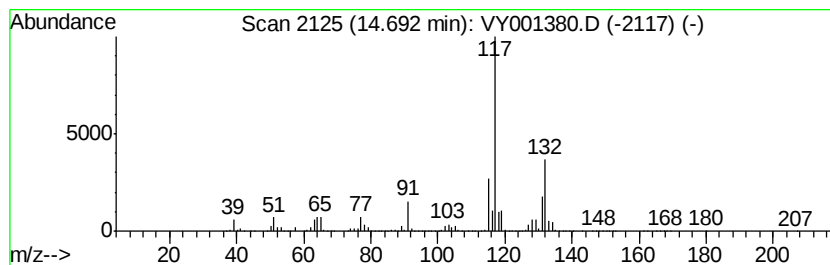
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	116.67 ug/l	6215850	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001380.D
Acq On : 24 Jan 2020 14:28
Operator : SY/MD
Sample : L1238-01
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLIFTON-POLES

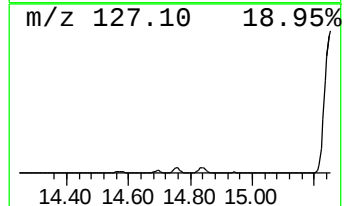
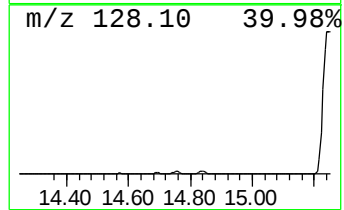
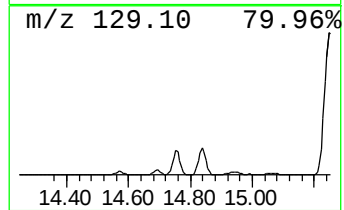
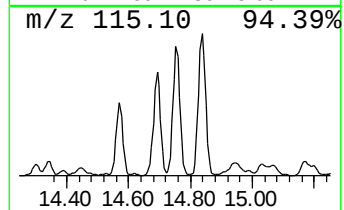
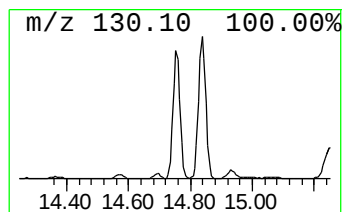
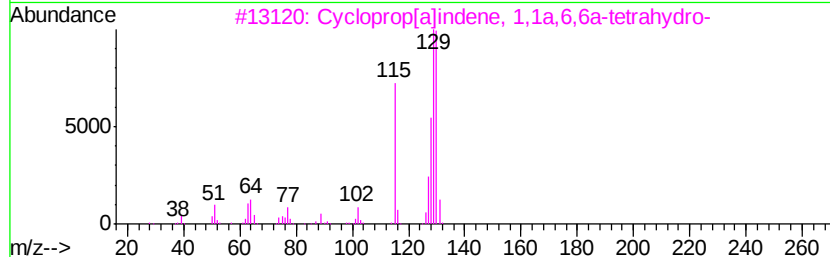
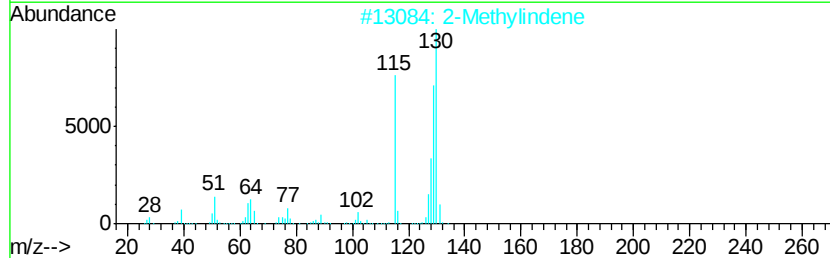
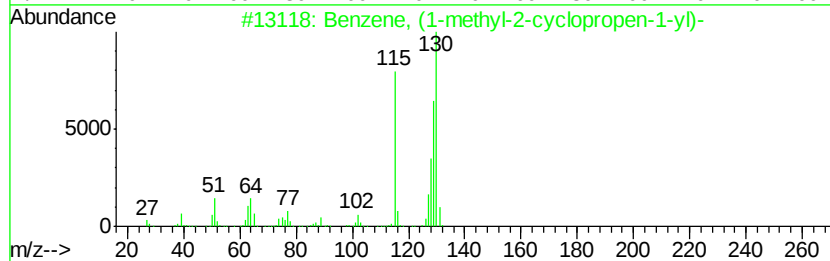
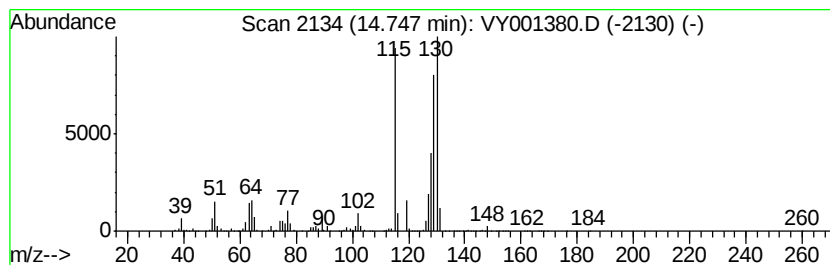
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	55.34 ug/l	2948670	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		Cyclopropylindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001380.D
Acq On : 24 Jan 2020 14:28
Operator : SY/MD
Sample : L1238-01
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CLIFTON-POLES

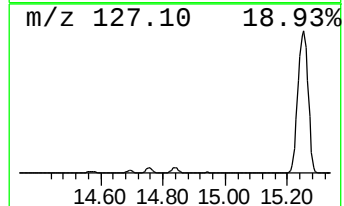
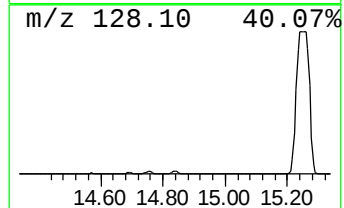
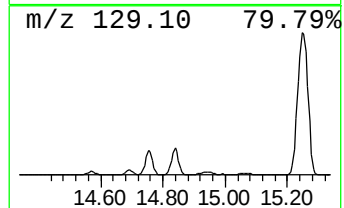
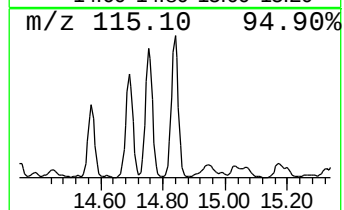
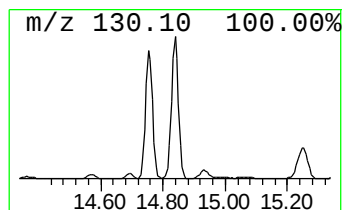
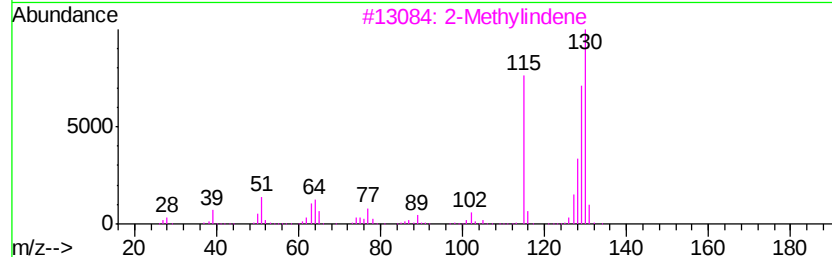
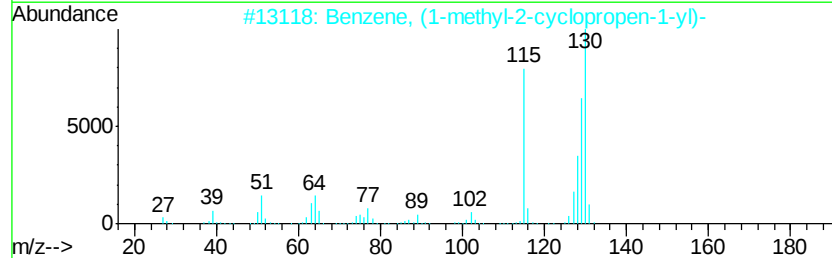
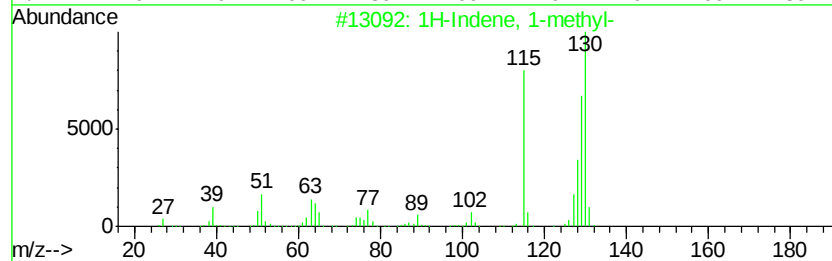
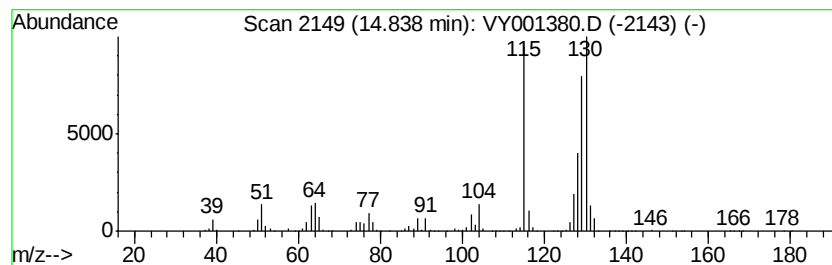
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	59.49 ug/l	3169550	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001380.D
Acq On : 24 Jan 2020 14:28
Operator : SY/MD
Sample : L1238-01
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

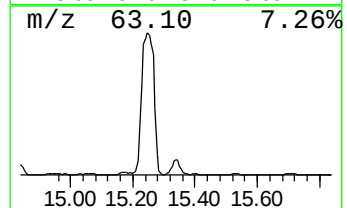
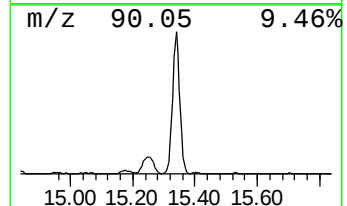
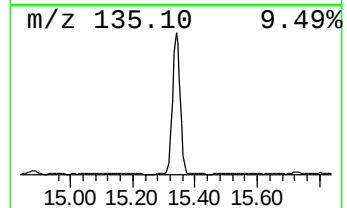
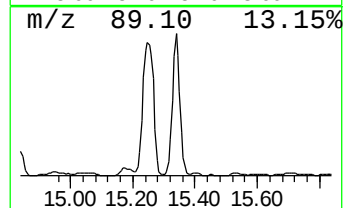
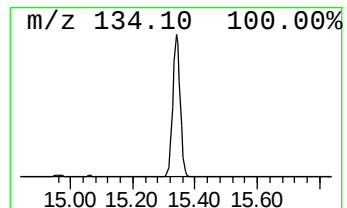
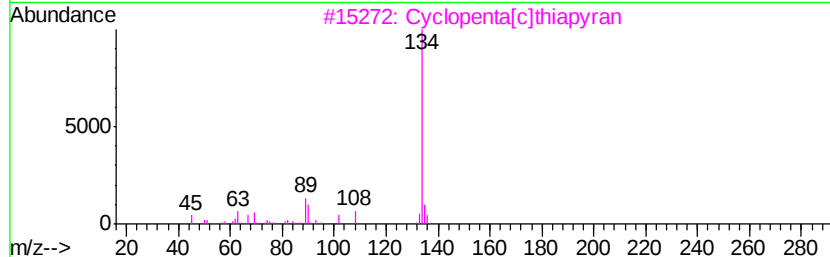
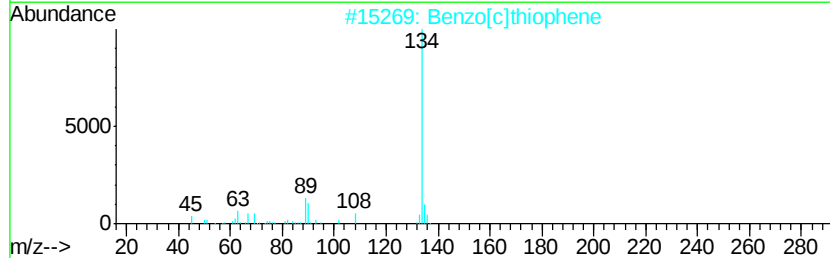
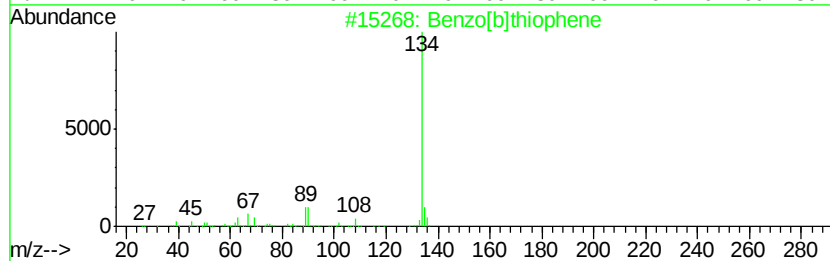
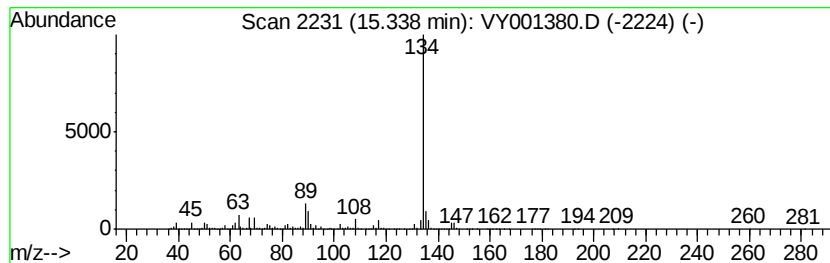
Instrument :
MSVOA_Y
ClientSampleId :
CLIFTON-POLES

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.34	100.87 ug/l	5373980	1,4-Dichlorobenzene-d4	13.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3		Cvclopenta[c]thiapvran	134	C8H6S	000270-63-3	93
4		5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	59
5		[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	40



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001380.D
Acq On : 24 Jan 2020 14:28
Operator : SY/MD
Sample : L1238-01
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

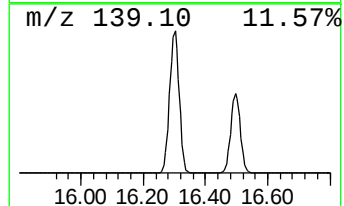
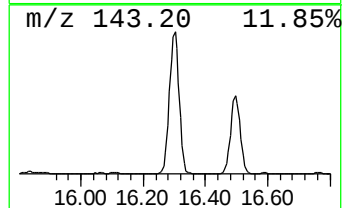
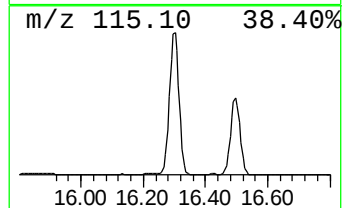
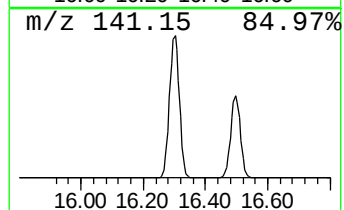
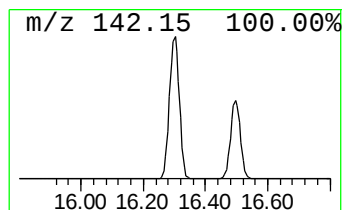
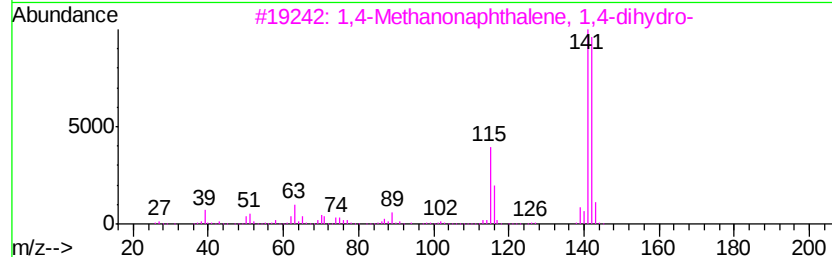
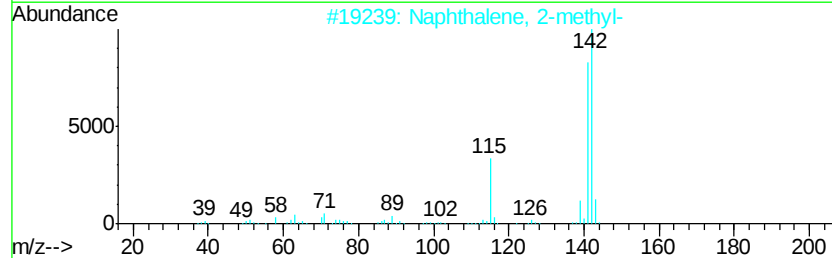
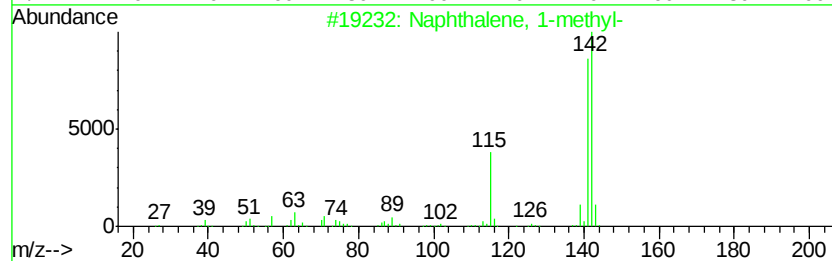
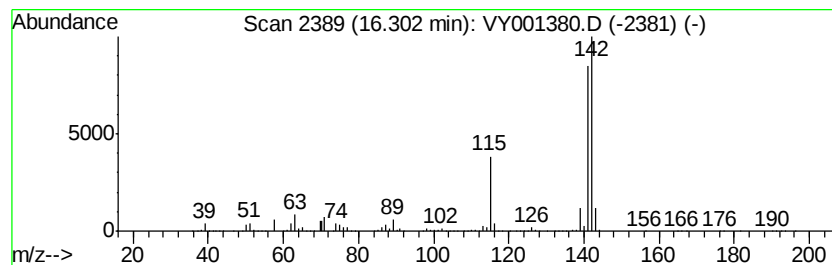
Instrument :
MSVOA_Y
ClientSampleId :
CLIFTON-POLES

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	445.04 ug/l	23710600	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 93
4		Benzocycloheptatriene	142 C11H10	000264-09-5 90
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
 Data File : VY001380.D
 Acq On : 24 Jan 2020 14:28
 Operator : SY/MD
 Sample : L1238-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLIFTON-POLES

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.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
Indane	13.63	456.3	ug/l	24309200	4	13.43	2663910	50.0
Benzene, 1-etheny...	14.08	54.3	ug/l	2893460	4	13.43	2663910	50.0
Benzofuran, 2-met...	14.37	63.9	ug/l	3406430	4	13.43	2663910	50.0
1H-Indene, 2,3-di...	14.57	63.9	ug/l	3403080	4	13.43	2663910	50.0
Benzene, 1-etheny...	14.69	116.7	ug/l	6215850	4	13.43	2663910	50.0
Benzene, (1-methy...	14.75	55.3	ug/l	2948670	4	13.43	2663910	50.0
1H-Indene, 1-methyl-	14.84	59.5	ug/l	3169550	4	13.43	2663910	50.0
Benzo[b]thiophene	15.34	100.9	ug/l	5373980	4	13.43	2663910	50.0
Naphthalene, 1-me...	16.30	445.0	ug/l	23710600	4	13.43	2663910	50.0