

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014732.D
 Acq On : 23 Jan 2020 18:47
 Operator : SY/VA
 Sample : L1243-09
 Misc : 6.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-01-6-7

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_W\METHOD\82W010320S.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	1.965	4	10	16	rBV2	19477	41801	1.13%	0.162%
2	2.178	36	45	53	rBV3	31125	72439	1.96%	0.281%
3	2.355	64	74	82	rBV	47002	101999	2.76%	0.395%
4	3.026	175	184	199	rBV2	77730	201138	5.44%	0.780%
5	3.379	233	242	253	rVB3	45472	115038	3.11%	0.446%
6	4.111	349	362	375	rBV4	18386	60849	1.65%	0.236%
7	4.379	396	406	418	rVB2	28753	86539	2.34%	0.336%
8	4.928	480	496	497	rBV2	46647	153003	4.14%	0.593%
9	5.428	568	578	593	rVB3	27943	98871	2.67%	0.383%
10	5.940	651	662	673	rVB2	27398	85431	2.31%	0.331%
11	6.976	822	832	844	rVB3	57102	176729	4.78%	0.685%
12	7.141	850	859	877	rVB3	17018	66301	1.79%	0.257%
13	7.945	972	991	1000	rBV2	716532	1727417	46.72%	6.697%
14	8.025	1000	1004	1015	rVV4	22128	59858	1.62%	0.232%
15	8.153	1015	1025	1031	rVV2	31000	75706	2.05%	0.294%
16	8.305	1041	1050	1063	rVV2	472086	1246370	33.71%	4.832%
17	8.427	1063	1070	1077	rVV5	25332	81931	2.22%	0.318%
18	8.494	1077	1081	1087	rVV4	23679	60916	1.65%	0.236%
19	8.567	1087	1093	1105	rVB3	38797	92702	2.51%	0.359%
20	8.689	1105	1113	1122	rBV2	33129	70353	1.90%	0.273%
21	8.836	1127	1137	1149	rBV	932585	1888644	51.08%	7.322%
22	9.329	1202	1218	1236	rBV	305420	730088	19.75%	2.831%
23	9.750	1278	1287	1295	rVB3	24818	51902	1.40%	0.201%
24	9.957	1315	1321	1324	rVV3	23468	39301	1.06%	0.152%
25	10.091	1333	1343	1356	rBV3	35788	96377	2.61%	0.374%
26	10.323	1373	1381	1387	rBV	1216155	2222367	60.11%	8.616%
27	10.384	1387	1391	1398	rVB	181483	318295	8.61%	1.234%
28	10.500	1403	1410	1418	rVB3	72734	155756	4.21%	0.604%
29	10.658	1431	1436	1440	rBV2	40459	74191	2.01%	0.288%
30	10.701	1440	1443	1447	rVV	24284	40602	1.10%	0.157%
31	10.756	1447	1452	1462	rVB5	27125	57041	1.54%	0.221%
32	11.177	1516	1521	1525	rVV	47524	74208	2.01%	0.288%
33	11.225	1525	1529	1535	rVB2	44682	77212	2.09%	0.299%
34	11.414	1552	1560	1571	rVB5	22903	74951	2.03%	0.291%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.628	1587	1595	1605	rBV	957886	1602671	43.35%	6.214%
36	11.725	1605	1611	1620	rBV	167149	294561	7.97%	1.142%
37	11.835	1620	1629	1640	rBV	487326	932590	25.22%	3.616%
38	12.164	1670	1683	1691	rBV	332915	622818	16.85%	2.415%
39	12.335	1707	1711	1715	rBV3	26873	47141	1.28%	0.183%
40	12.463	1727	1732	1739	rVB2	86743	137827	3.73%	0.534%
41	12.615	1751	1757	1765	rBV	539884	885688	23.96%	3.434%
42	12.804	1779	1788	1792	rVB	43603	95465	2.58%	0.370%
43	12.865	1792	1798	1801	rBV	171367	273112	7.39%	1.059%
44	12.896	1801	1803	1806	rVV	75091	112669	3.05%	0.437%
45	12.938	1806	1810	1817	rVB	187774	310250	8.39%	1.203%
46	13.103	1830	1837	1844	rBV	119279	209607	5.67%	0.813%
47	13.249	1855	1861	1867	rBV	322412	503235	13.61%	1.951%
48	13.438	1888	1892	1896	rVV2	36437	59863	1.62%	0.232%
49	13.493	1896	1901	1905	rVV	34236	59483	1.61%	0.231%
50	13.554	1905	1911	1923	rVV2	522889	1089966	29.48%	4.226%
51	13.719	1931	1938	1939	rBV4	27317	44975	1.22%	0.174%
52	13.755	1939	1944	1958	rVV3	372609	787710	21.31%	3.054%
53	13.871	1958	1963	1969	rVV4	61203	115652	3.13%	0.448%
54	13.944	1971	1975	1979	rVV2	46799	81035	2.19%	0.314%
55	14.011	1979	1986	1988	rVV	46940	92950	2.51%	0.360%
56	14.042	1988	1991	1993	rVV	55261	85351	2.31%	0.331%
57	14.091	1996	1999	2006	rVB	79535	134785	3.65%	0.523%
58	14.207	2012	2018	2022	rBV3	87643	154259	4.17%	0.598%
59	14.255	2022	2026	2033	rVB8	18847	44857	1.21%	0.174%
60	14.335	2033	2039	2044	rBV2	42689	86587	2.34%	0.336%
61	14.414	2049	2052	2056	rVV	43125	75333	2.04%	0.292%
62	14.456	2056	2059	2063	rVV	60778	81522	2.20%	0.316%
63	14.499	2063	2066	2069	rVV4	31764	43497	1.18%	0.169%
64	14.536	2069	2072	2080	rVB4	25608	52012	1.41%	0.202%
65	14.639	2081	2089	2092	rVB8	17677	39680	1.07%	0.154%
66	14.688	2092	2097	2100	rBV2	45925	73605	1.99%	0.285%
67	14.725	2100	2103	2108	rVB3	46175	71538	1.93%	0.277%
68	14.798	2108	2115	2121	rBV4	117693	296754	8.03%	1.151%
69	14.859	2121	2125	2131	rVB5	24544	50041	1.35%	0.194%
70	14.956	2136	2141	2146	rBV	53208	80355	2.17%	0.312%
71	15.066	2154	2159	2163	rBV4	41983	80654	2.18%	0.313%

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72	15.170	2171	2176	2184	rVB5	46437	110068	2.98%	0.427%
73	15.365	2195	2208	2215	rBV	2094402	3697193	100.00%	14.334%
74	15.468	2220	2225	2233	rVV3	42799	95496	2.58%	0.370%
75	15.651	2248	2255	2262	rBV4	27209	63655	1.72%	0.247%
76	15.816	2275	2282	2285	rBV5	19318	43082	1.17%	0.167%
77	15.865	2286	2290	2299	rVB7	26424	53605	1.45%	0.208%
78	16.170	2332	2340	2347	rBV4	25965	70405	1.90%	0.273%
79	16.377	2367	2374	2377	rBV6	19938	43801	1.18%	0.170%
80	16.438	2377	2384	2397	rVB	356842	783633	21.20%	3.038%
81	16.645	2409	2418	2426	rBV	193159	445123	12.04%	1.726%

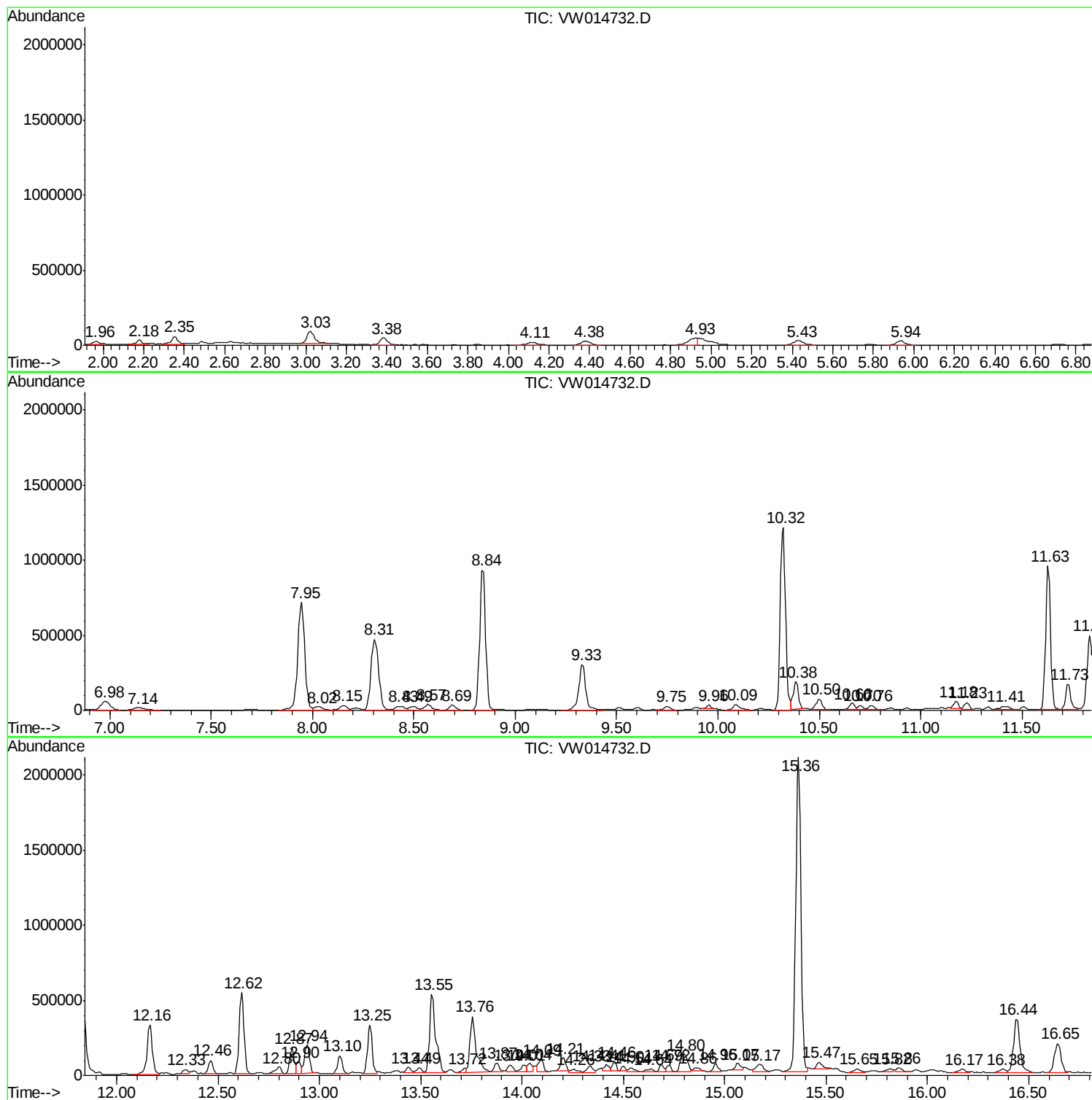
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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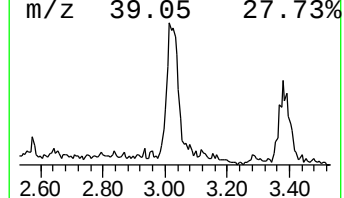
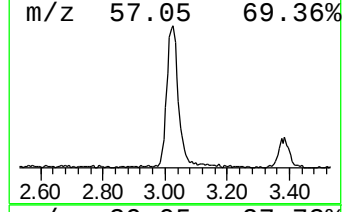
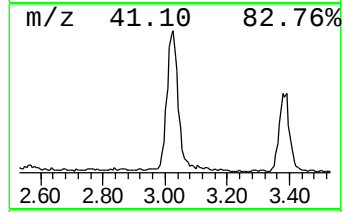
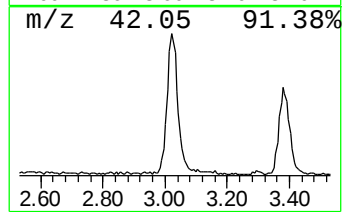
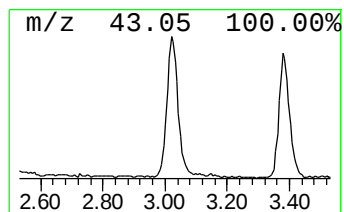
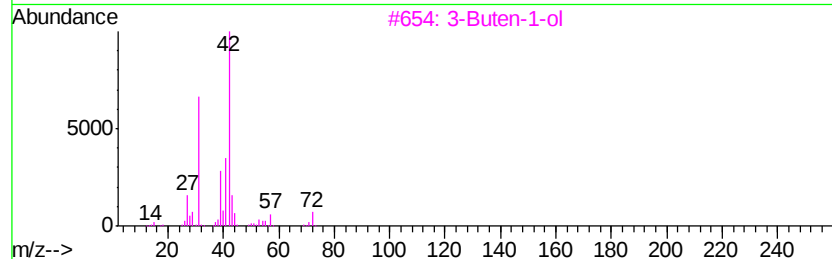
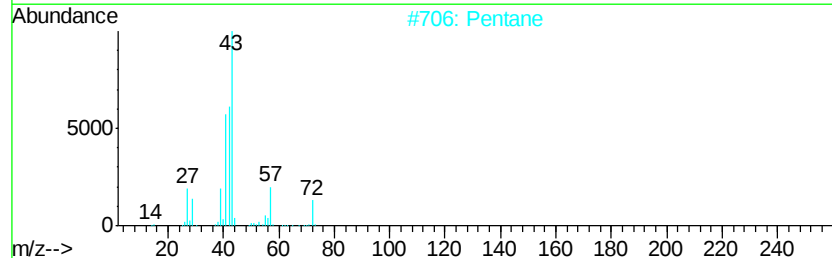
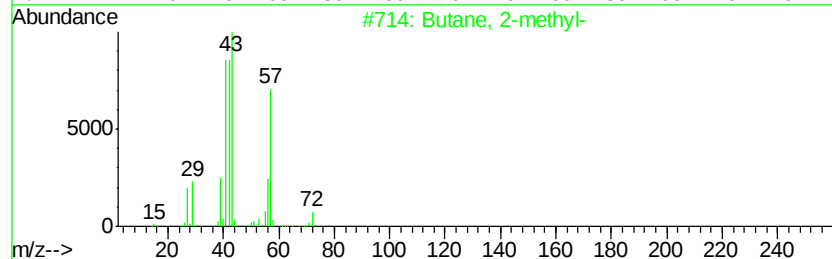
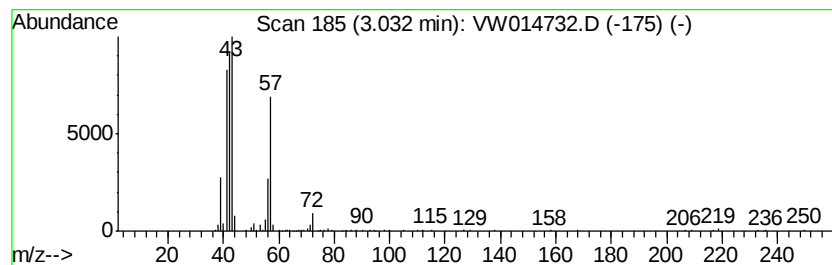
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	5.82 ug/l	201138	Pentafluorobenzene	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-		72	C5H12	000078-78-4	90
2	Pentane		72	C5H12	000109-66-0	45
3	3-Buten-1-ol		72	C4H8O	000627-27-0	43
4	Isobutylene epoxide		72	C4H8O	000558-30-5	42
5	Butane, 2,3-dimethyl-		86	C6H14	000079-29-8	36



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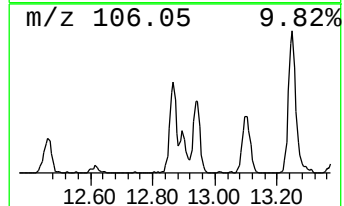
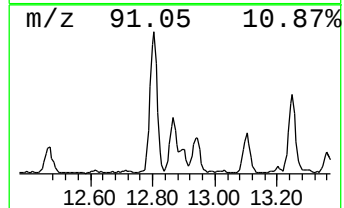
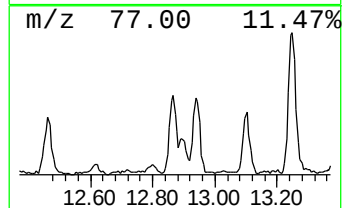
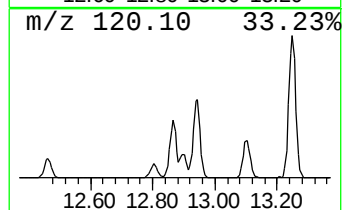
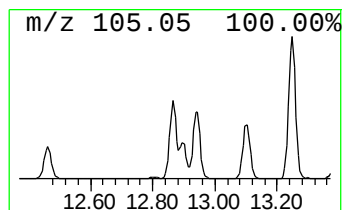
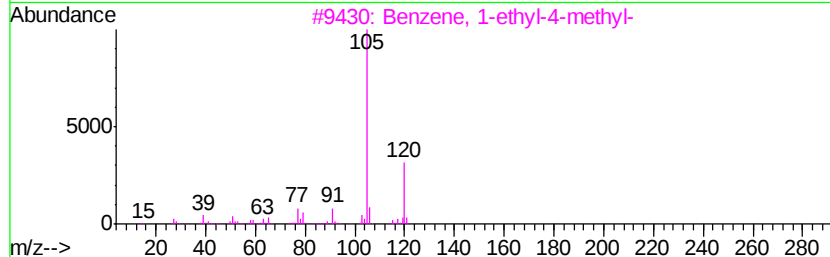
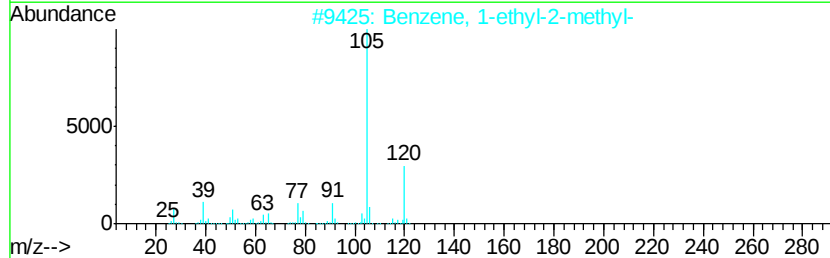
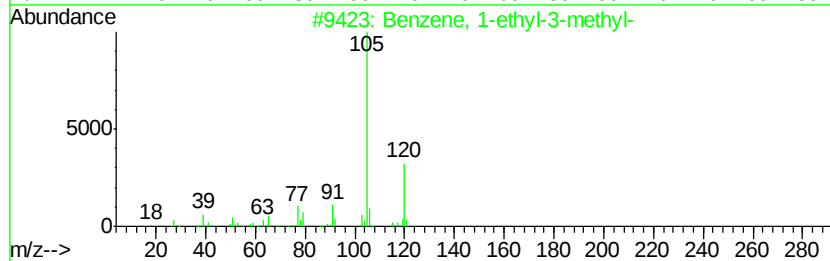
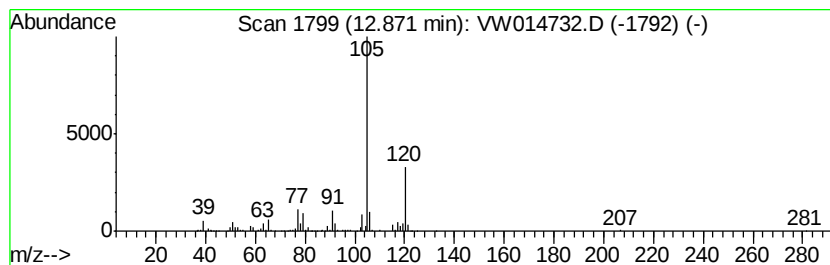
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	12.53 ug/l	273112	1,4-Dichlorobenzene-d4	13.55

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	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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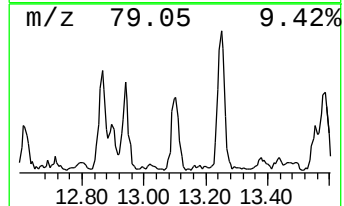
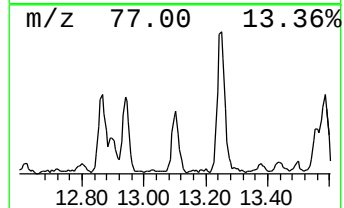
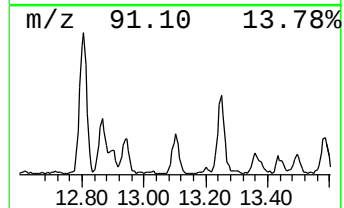
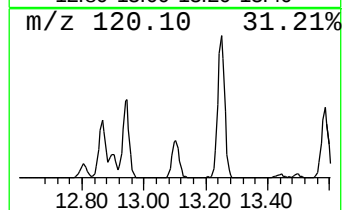
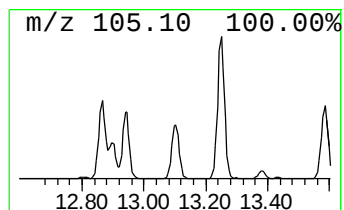
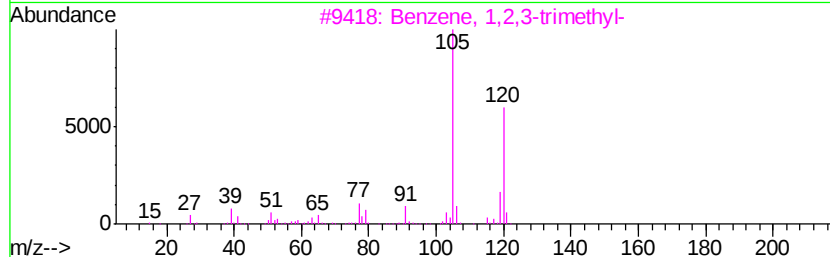
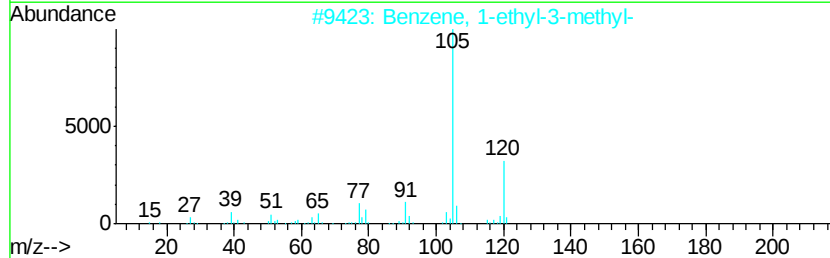
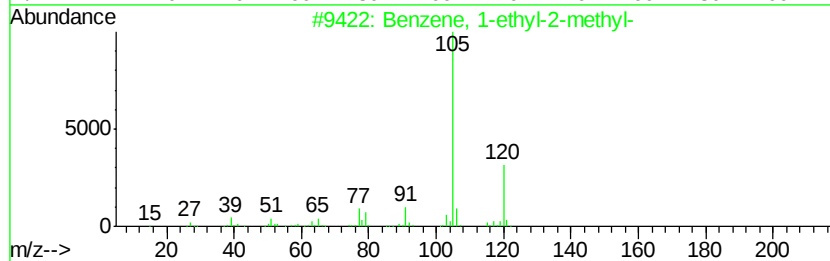
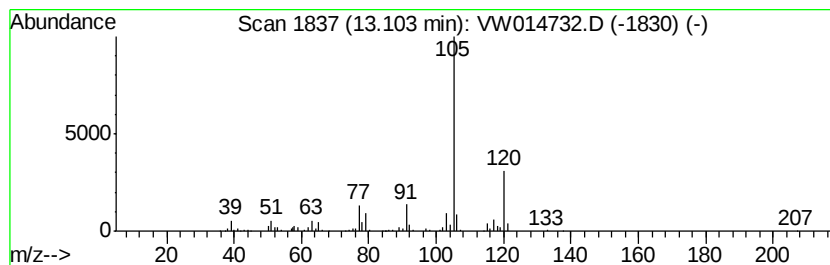
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	9.62 ug/l	209607	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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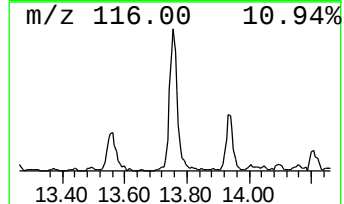
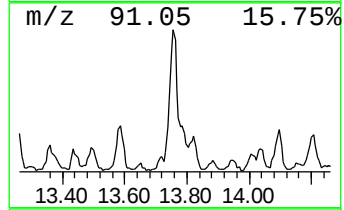
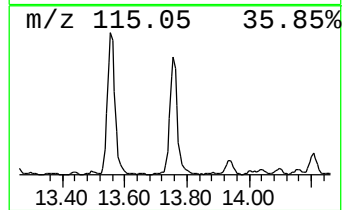
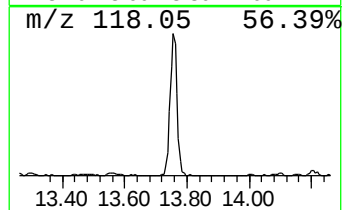
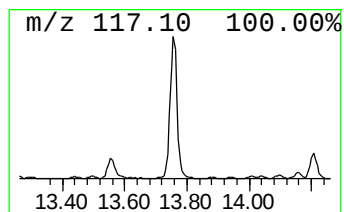
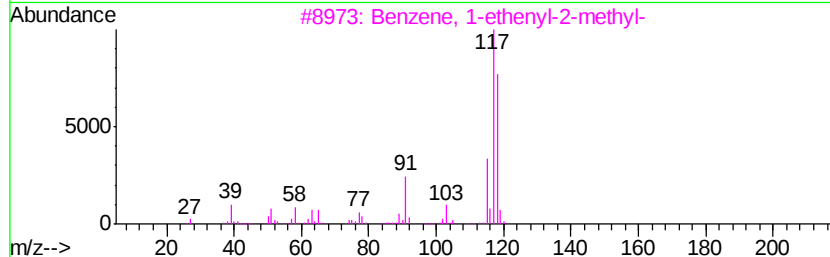
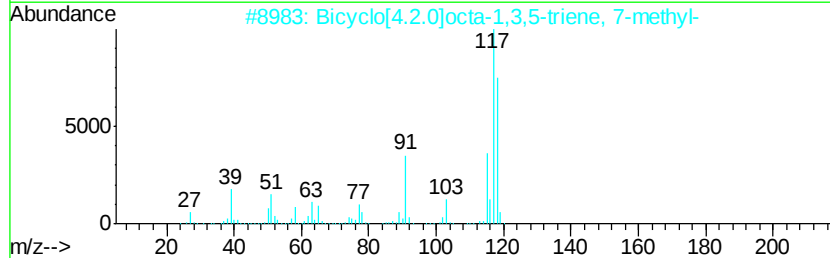
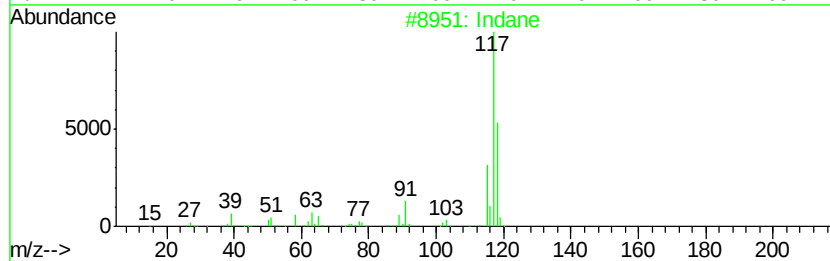
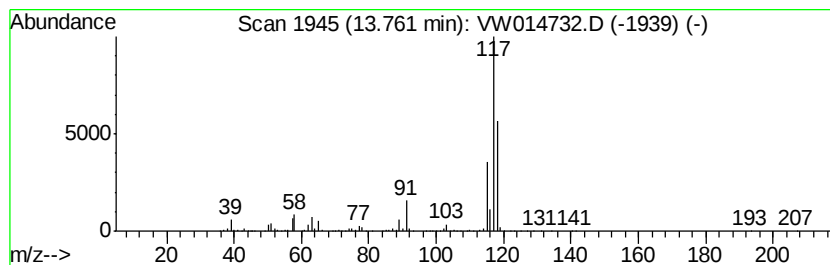
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Quant Title : SW846 8260

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

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	36.13 ug/l	787710	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Bicyclo[4.2.0]octa-1,3,5-triene,...		118	C9H10	055337-80-9	72
3	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	72
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

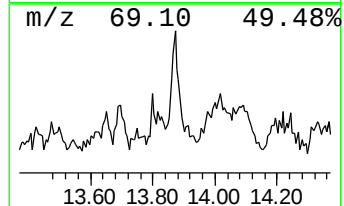
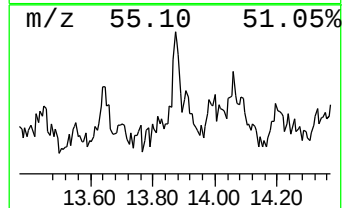
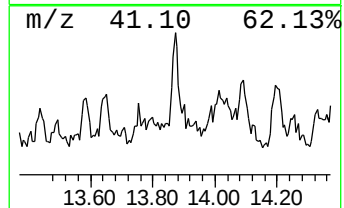
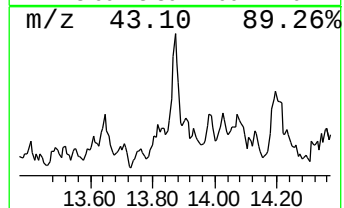
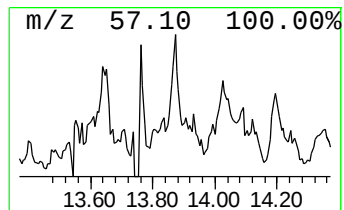
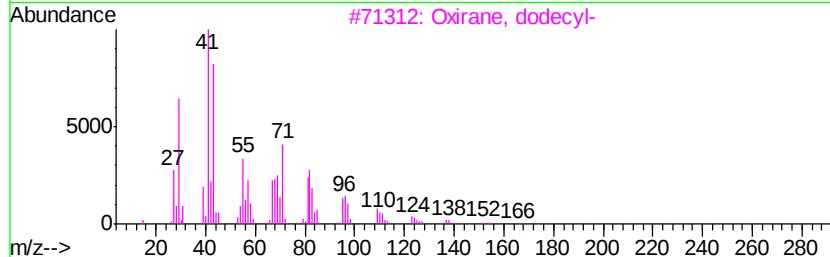
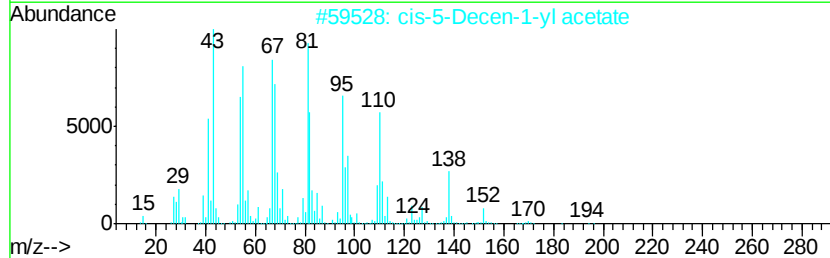
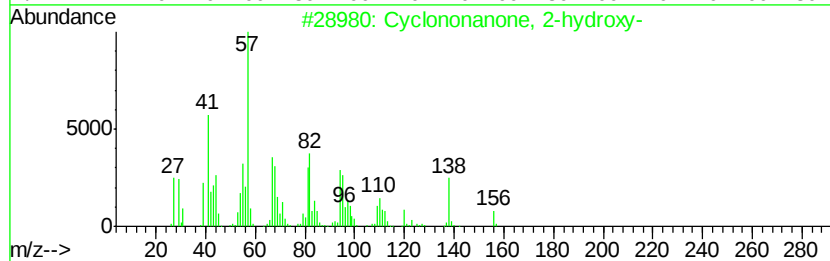
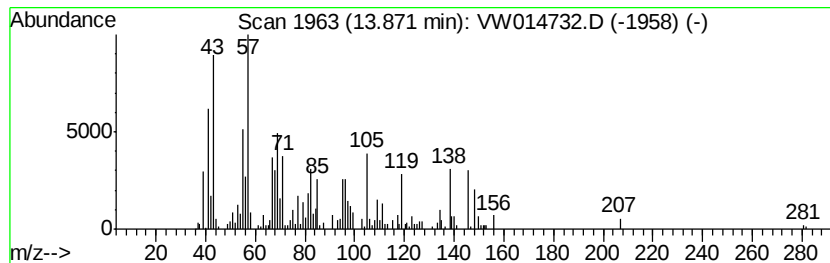
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.31 ug/l	115652	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclononanone, 2-hydroxy-	156	C9H16O2	000496-83-3	35
2		cis-5-Decen-1-yl acetate	198	C12H22O2	067446-07-5	27
3		Oxirane, dodecyl-	212	C14H28O	003234-28-4	22
4		trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	14
5		Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

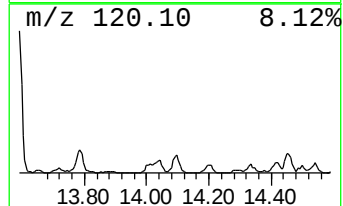
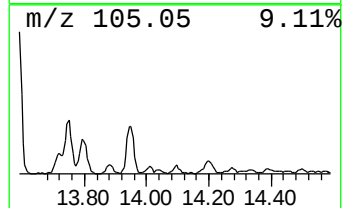
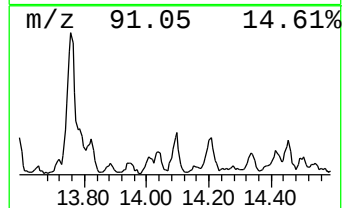
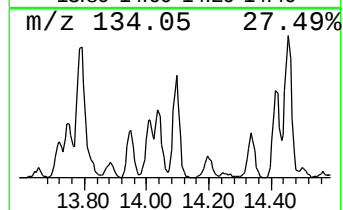
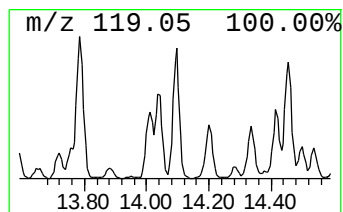
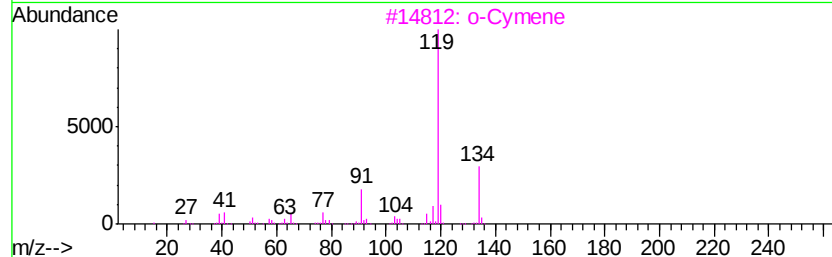
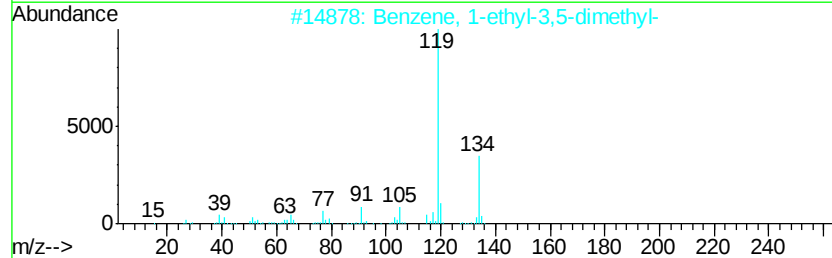
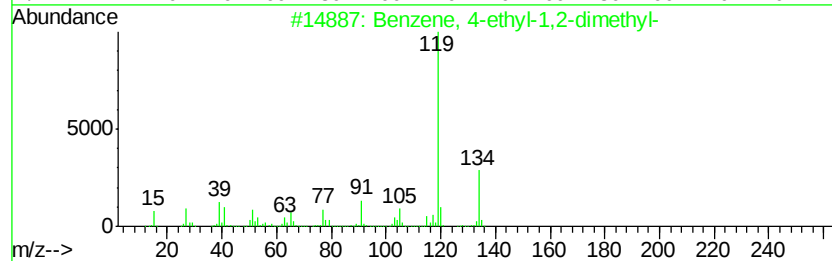
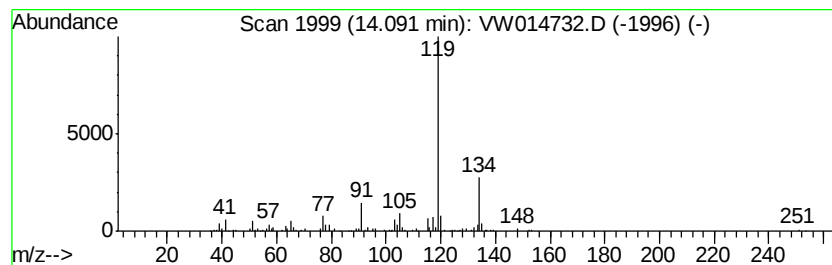
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	6.18 ug/l	134785	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

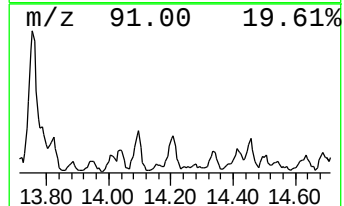
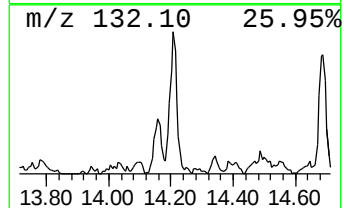
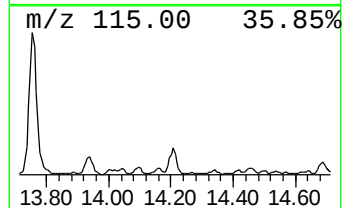
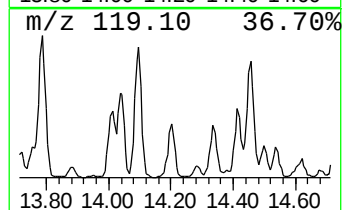
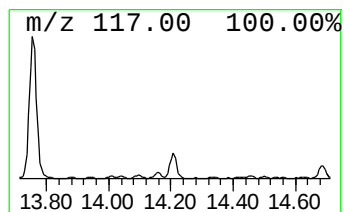
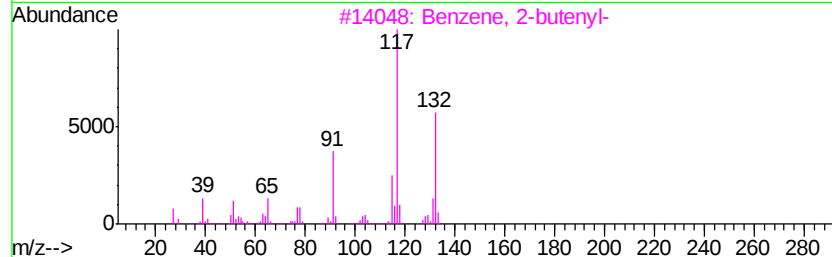
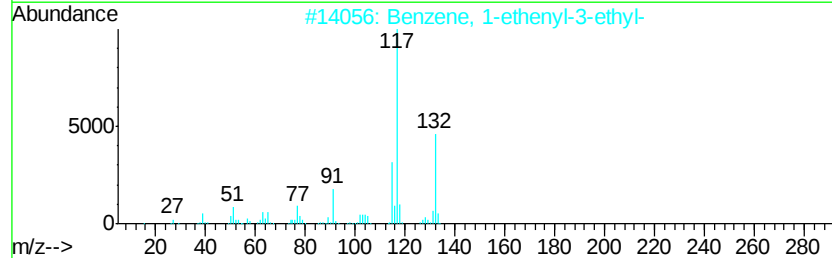
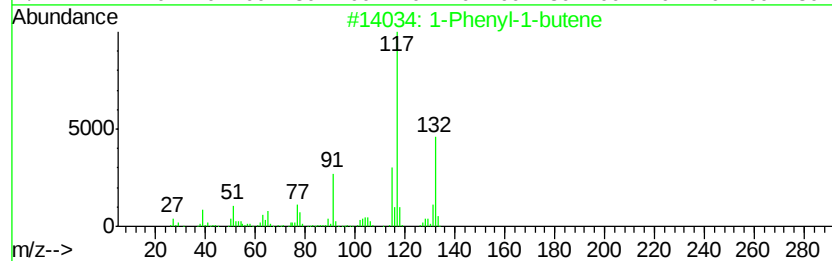
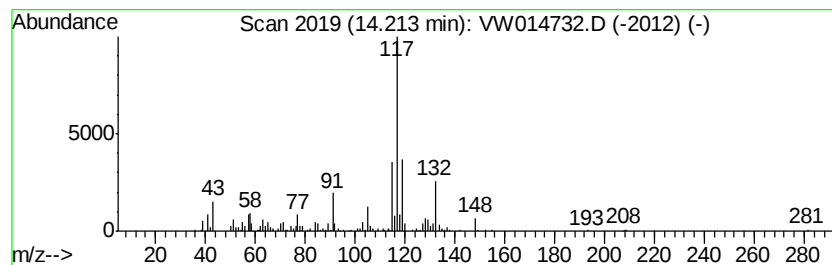
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.08 ug/l	154259	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	62
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

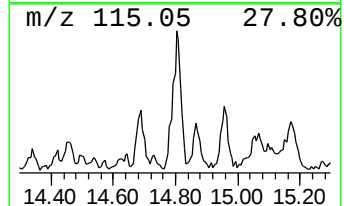
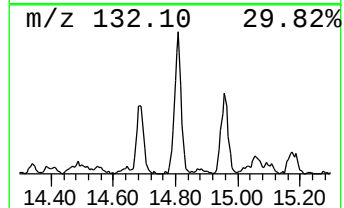
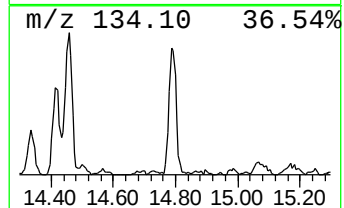
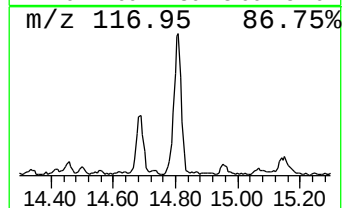
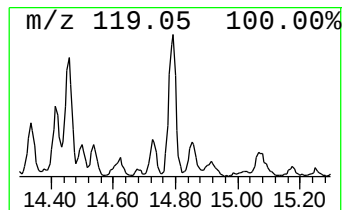
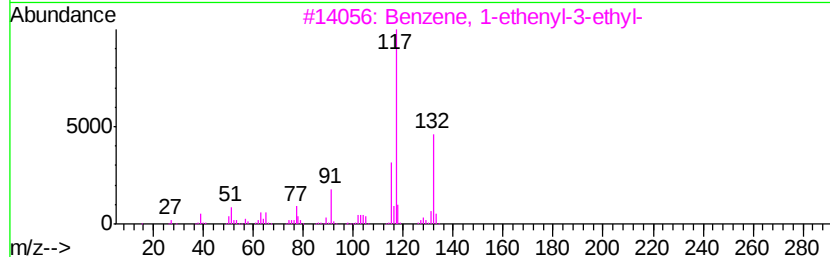
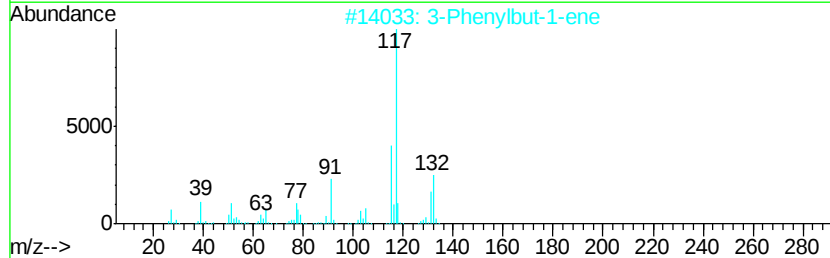
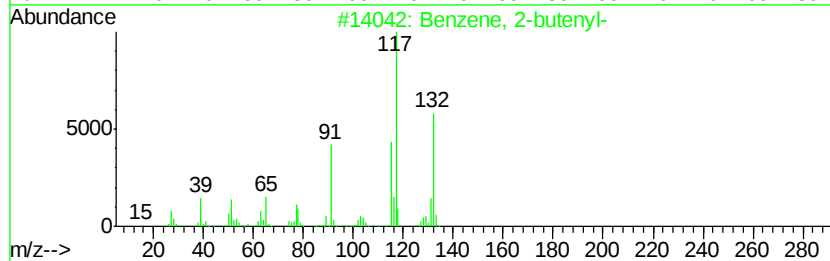
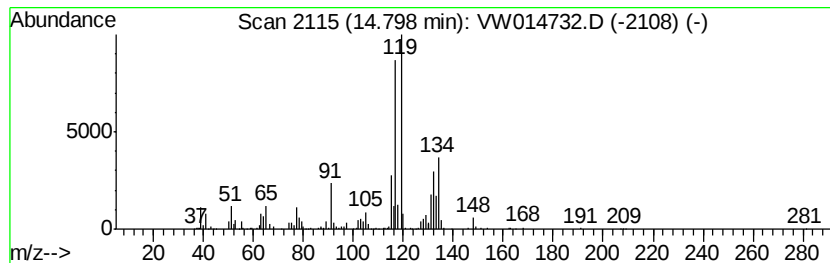
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	13.61 ug/l	296754	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

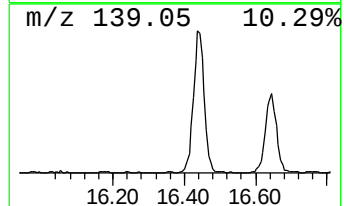
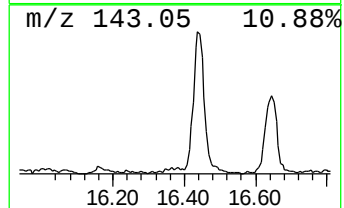
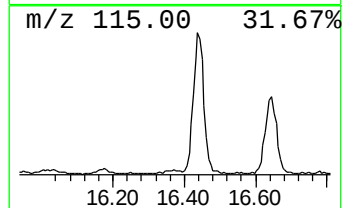
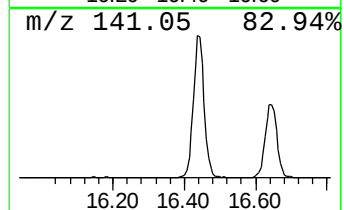
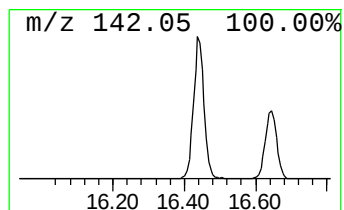
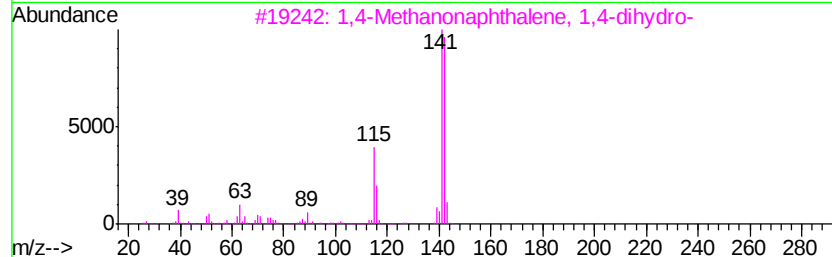
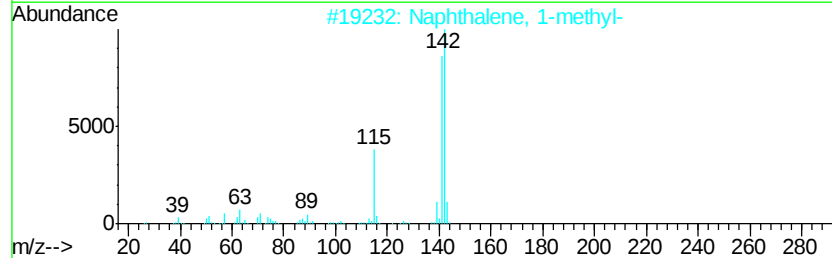
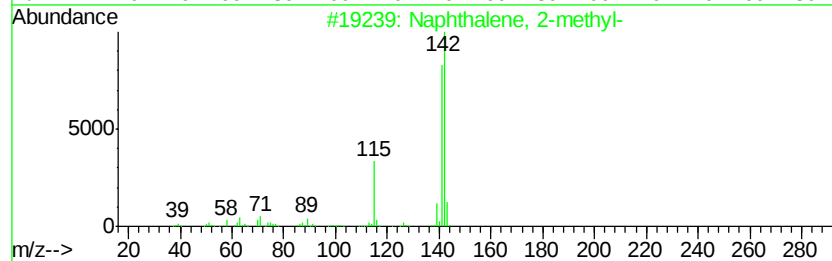
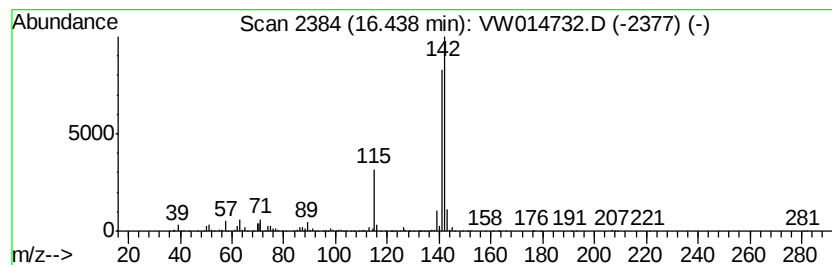
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Quant Title : SW846 8260

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.
16.44	35.95 ug/l	783633	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012320\
Data File : VW014732.D
Acq On : 23 Jan 2020 18:47
Operator : SY/VA
Sample : L1243-09
Misc : 6.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-01-6-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.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
Butane, 2-methyl-	3.03	5.8	ug/l	201138	1	7.95	1727420	50.0
Benzene, 1-ethyl-...	12.87	12.5	ug/l	273112	4	13.55	1089970	50.0
Benzene, 1-ethyl-...	13.10	9.6	ug/l	209607	4	13.55	1089970	50.0
Indane	13.76	36.1	ug/l	787710	4	13.55	1089970	50.0
unknown13.87	13.87	5.3	ug/l	115652	4	13.55	1089970	50.0
Benzene, 4-ethyl-...	14.09	6.2	ug/l	134785	4	13.55	1089970	50.0
1-Phenyl-1-butene	14.21	7.1	ug/l	154259	4	13.55	1089970	50.0
Benzene, 2-butenyl-	14.80	13.6	ug/l	296754	4	13.55	1089970	50.0
Naphthalene, 1-me...	16.44	36.0	ug/l	783633	4	13.55	1089970	50.0