

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002362.D
 Acq On : 06 Jun 2018 19:29
 Operator : JC/MD
 Sample : J3312-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-01

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_X\METHOD\82X060418W.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	1.075	76	80	94	rBV	1070761	1353413	37.77%	2.628%
2	1.270	108	112	114	rBV	82613	92393	2.58%	0.179%
3	1.300	114	117	127	rVV	701152	686212	19.15%	1.333%
4	1.404	130	134	146	rVB	1678748	1621753	45.25%	3.149%
5	1.794	192	198	212	rVB	1977285	2770327	77.30%	5.380%
6	2.002	227	232	244	rVB3	361240	696498	19.43%	1.353%
7	2.117	246	251	258	rBV	144732	212683	5.93%	0.413%
8	2.221	263	268	271	rVV	57066	91983	2.57%	0.179%
9	2.270	271	276	290	rVB	1665513	2577933	71.93%	5.006%
10	2.812	357	365	374	rBV	360950	799444	22.31%	1.552%
11	2.934	374	385	402	rVB	472188	1157504	32.30%	2.248%
12	3.172	416	424	434	rVB	80089	184141	5.14%	0.358%
13	3.812	519	529	539	rBV	117002	290622	8.11%	0.564%
14	3.922	539	547	554	rVV2	65486	178048	4.97%	0.346%
15	3.995	554	559	567	rVV	34549	88469	2.47%	0.172%
16	4.196	583	592	607	rVB	64852	174844	4.88%	0.340%
17	4.404	614	626	638	rBV	260493	755561	21.08%	1.467%
18	4.526	638	646	658	rVB2	35705	102914	2.87%	0.200%
19	5.306	763	774	787	rVB2	68412	213396	5.95%	0.414%
20	5.513	793	808	813	rBV	152114	439374	12.26%	0.853%
21	5.580	813	819	826	rVV2	113614	342782	9.56%	0.666%
22	5.666	826	833	860	rVB	235133	728283	20.32%	1.414%
23	5.946	868	879	890	rBV4	30680	98018	2.74%	0.190%
24	6.074	890	900	909	rBV	168334	442305	12.34%	0.859%
25	6.300	922	937	944	rBV3	116233	437016	12.19%	0.849%
26	6.385	944	951	957	rVV4	97846	321377	8.97%	0.624%
27	6.458	958	963	974	rVB2	67316	175050	4.88%	0.340%
28	6.867	1020	1030	1040	rBV	351813	870211	24.28%	1.690%
29	7.464	1115	1128	1142	rBV3	197258	520226	14.52%	1.010%
30	7.964	1198	1210	1216	rBV3	39055	129391	3.61%	0.251%
31	8.214	1238	1251	1257	rBV	86566	172075	4.80%	0.334%
32	8.580	1305	1311	1319	rVB3	84609	166746	4.65%	0.324%
33	8.720	1328	1334	1340	rVV	859443	1337082	37.31%	2.597%
34	8.787	1340	1345	1351	rVB	548855	814047	22.72%	1.581%

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35	8.921	1363	1367	1373	rVB	43506	75669	2.11%	0.147%
36	9.043	1381	1387	1392	rVB3	43813	76481	2.13%	0.149%
37	9.226	1412	1417	1427	rVB	87801	141267	3.94%	0.274%
38	9.628	1479	1483	1487	rVV2	51351	85671	2.39%	0.166%
39	10.116	1554	1563	1572	rBV2	737785	1258737	35.12%	2.444%
40	10.189	1572	1575	1578	rVV	53028	81666	2.28%	0.159%
41	10.366	1590	1604	1609	rVB	353144	558822	15.59%	1.085%
42	10.701	1656	1659	1669	rVB	61966	88798	2.48%	0.172%
43	10.841	1669	1682	1688	rBV3	37878	73730	2.06%	0.143%
44	11.024	1706	1712	1720	rBV	239283	328232	9.16%	0.637%
45	11.140	1726	1731	1736	rBV	771257	945726	26.39%	1.837%
46	11.366	1762	1768	1776	rVV	268001	351876	9.82%	0.683%
47	11.457	1776	1783	1787	rVV	75563	120486	3.36%	0.234%
48	11.512	1787	1792	1799	rVB	69937	97966	2.73%	0.190%
49	11.671	1809	1818	1826	rBV	134410	190613	5.32%	0.370%
50	11.774	1828	1835	1838	rBV	67092	91649	2.56%	0.178%
51	11.927	1854	1860	1861	rBV	86982	119555	3.34%	0.232%
52	11.951	1861	1864	1870	rVB	240236	289865	8.09%	0.563%
53	12.079	1880	1885	1891	rBV	878621	1154495	32.21%	2.242%
54	12.238	1906	1911	1916	rBB	151328	183034	5.11%	0.355%
55	12.305	1916	1922	1928	rBV	2536727	3048455	85.06%	5.920%
56	12.372	1928	1933	1943	rVB2	234283	417497	11.65%	0.811%
57	12.463	1943	1948	1954	rBV	294534	357069	9.96%	0.693%
58	12.670	1974	1982	1985	rBV	961303	1183320	33.02%	2.298%
59	12.707	1985	1988	1992	rVV	384469	476256	13.29%	0.925%
60	12.762	1992	1997	2004	rVV2	1435346	2101921	58.65%	4.082%
61	12.902	2012	2020	2025	rVB2	196789	310730	8.67%	0.603%
62	12.981	2025	2033	2038	rBV	885694	1134194	31.65%	2.203%
63	13.085	2046	2050	2056	rVB2	132599	213132	5.95%	0.414%
64	13.158	2056	2062	2065	rBV	119688	169203	4.72%	0.329%
65	13.201	2065	2069	2071	rVV	208647	275222	7.68%	0.534%
66	13.231	2071	2074	2083	rVB	457472	608756	16.99%	1.182%
67	13.353	2089	2094	2100	rVB2	2536072	3583740	100.00%	6.959%
68	13.408	2100	2103	2105	rVV2	77691	102329	2.86%	0.199%
69	13.432	2105	2107	2109	rVV	84712	82567	2.30%	0.160%
70	13.487	2113	2116	2122	rVB2	80215	102973	2.87%	0.200%
71	13.573	2125	2130	2132	rBV3	96865	143591	4.01%	0.279%

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72	13.603	2132	2135	2138	rVV	199346	270878	7.56%	0.526%
73	13.646	2138	2142	2146	rVV2	356891	513247	14.32%	0.997%
74	13.701	2146	2151	2153	rVV3	246858	447161	12.48%	0.868%
75	13.725	2153	2155	2164	rVB2	438568	599990	16.74%	1.165%
76	13.810	2164	2169	2173	rBV	109072	151447	4.23%	0.294%
77	13.859	2173	2177	2181	rVB2	136590	176494	4.92%	0.343%
78	13.914	2182	2186	2191	rVB	257710	327713	9.14%	0.636%
79	13.987	2191	2198	2202	rBV2	359378	543160	15.16%	1.055%
80	14.036	2202	2206	2210	rVV	137148	192918	5.38%	0.375%
81	14.140	2218	2223	2225	rBV2	119868	160418	4.48%	0.312%
82	14.170	2225	2228	2233	rVB3	75500	83684	2.34%	0.163%
83	14.292	2240	2248	2255	rVB2	442937	818571	22.84%	1.590%
84	14.383	2259	2263	2267	rVV	129288	155084	4.33%	0.301%
85	14.438	2267	2272	2276	rVV	164236	212606	5.93%	0.413%
86	14.481	2276	2279	2284	rVB	63076	79388	2.22%	0.154%
87	14.542	2284	2289	2298	rBV2	541839	748865	20.90%	1.454%
88	14.676	2302	2311	2317	rBV4	101952	229188	6.40%	0.445%
89	14.737	2317	2321	2325	rVV2	112413	142454	3.98%	0.277%
90	14.847	2333	2339	2343	rVV	1678899	2204237	61.51%	4.280%
91	14.981	2353	2361	2366	rVV7	33145	89882	2.51%	0.175%
92	15.255	2400	2406	2413	rVB2	92434	162129	4.52%	0.315%
93	15.481	2441	2443	2448	rVB	73813	96833	2.70%	0.188%
94	15.554	2448	2455	2460	rBV	180911	300333	8.38%	0.583%
95	15.694	2469	2478	2482	rVV	308230	536404	14.97%	1.042%
96	15.731	2482	2484	2491	rVB	121227	168302	4.70%	0.327%
97	15.816	2491	2498	2504	rBV2	40203	78833	2.20%	0.153%
98	15.895	2505	2511	2512	rBV5	54741	72259	2.02%	0.140%
99	15.926	2513	2516	2526	rVB	96406	174606	4.87%	0.339%
100	16.078	2536	2541	2549	rVB	53264	90708	2.53%	0.176%

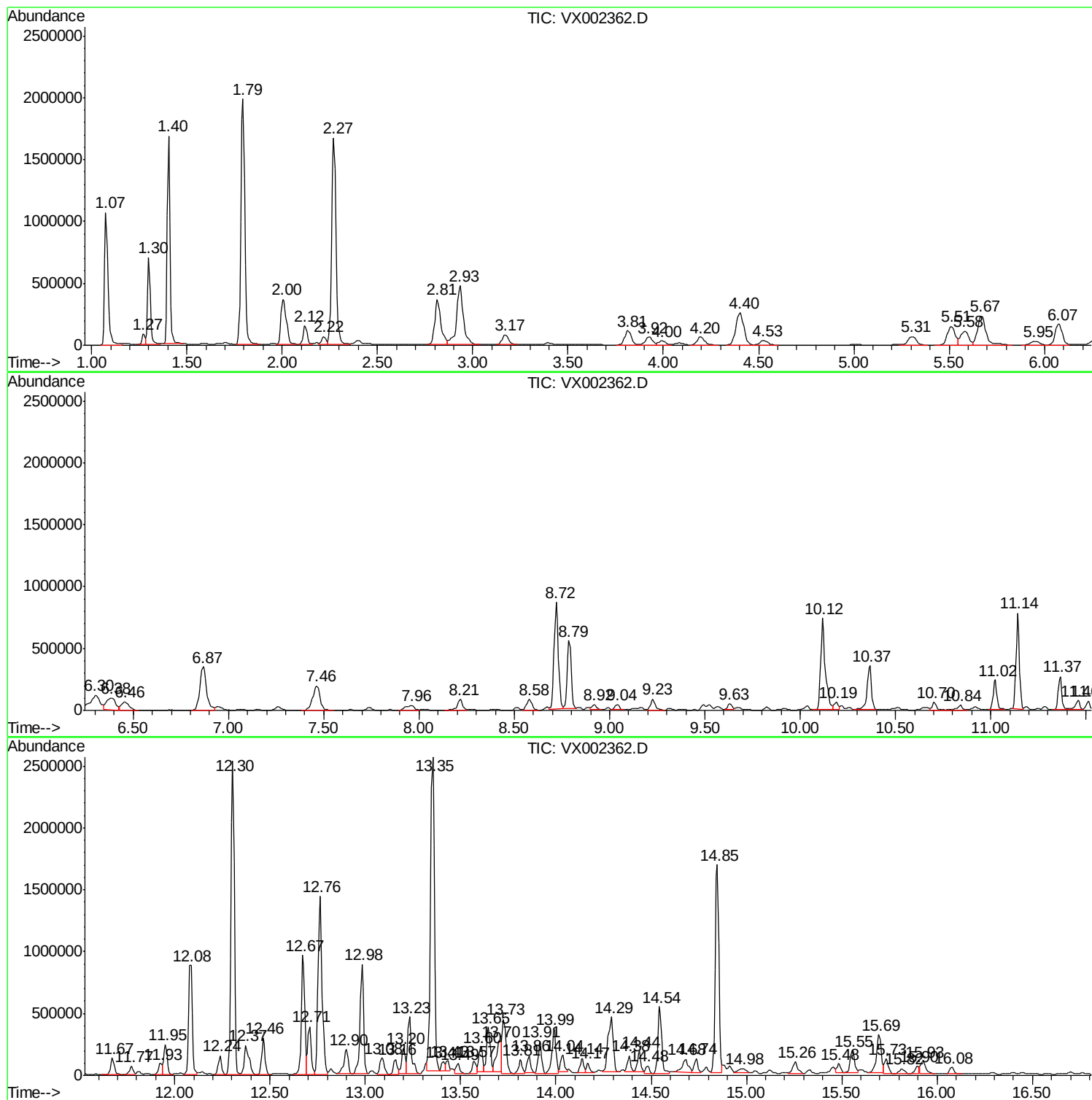
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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



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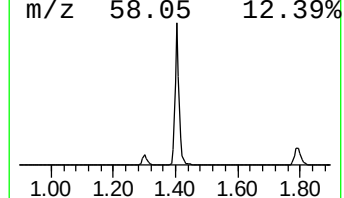
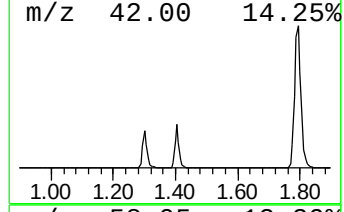
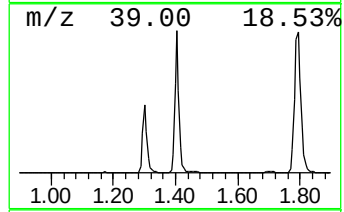
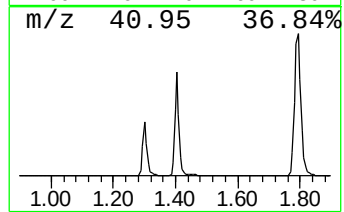
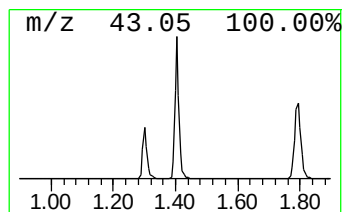
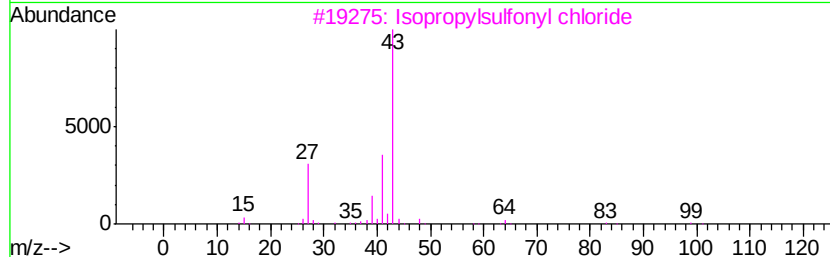
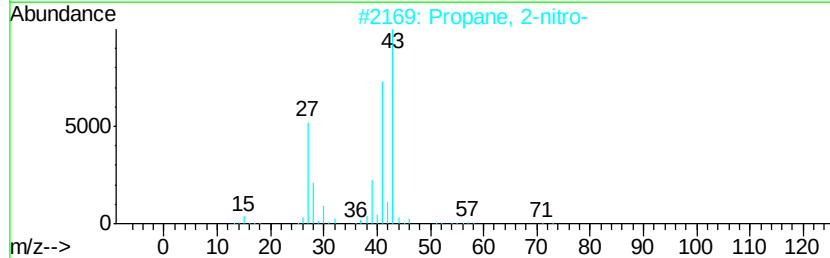
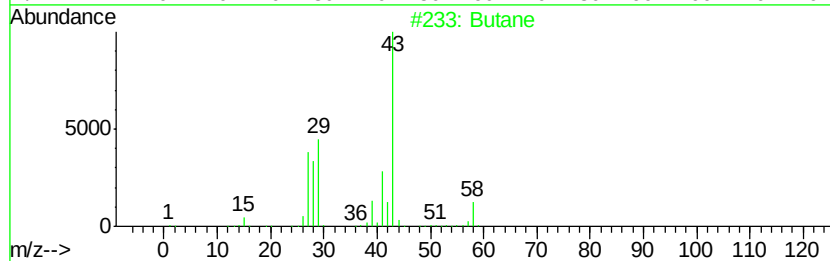
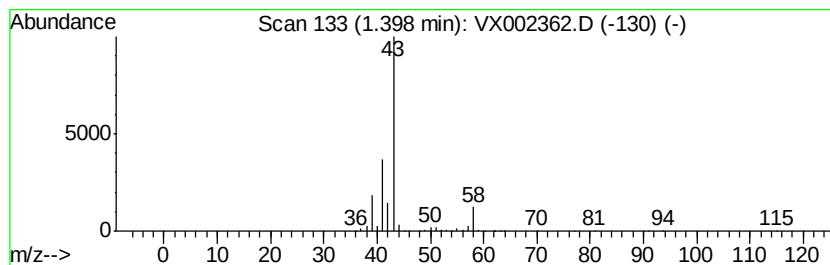
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

Peak Number 2 Butane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	111.34 ug/l	1621750	Pentafluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane		58	C4H10	000106-97-8	80
2	Propane, 2-nitro-		89	C3H7NO2	000079-46-9	9
3	Isopropylsulfonyl chloride		142	C3H7ClO2S	010147-37-2	9
4	Isobutane		58	C4H10	000075-28-5	9
5	Propane, 1-nitro-		89	C3H7NO2	000108-03-2	9



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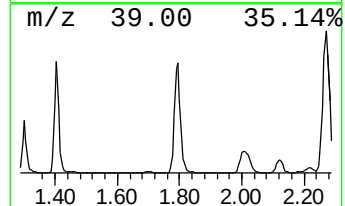
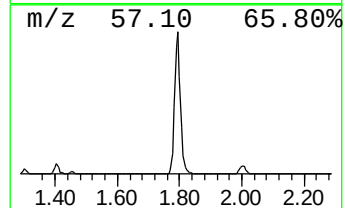
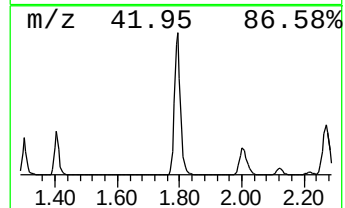
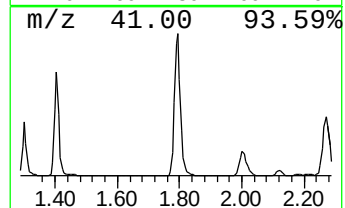
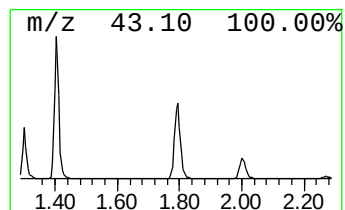
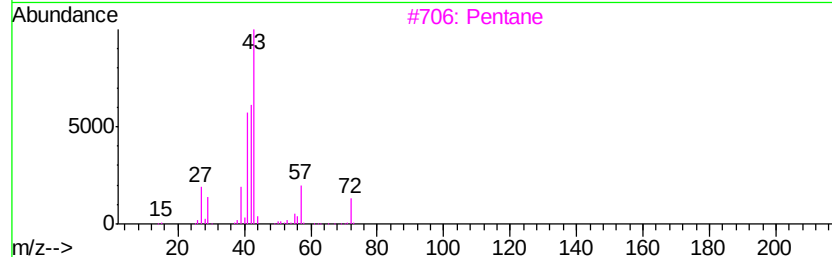
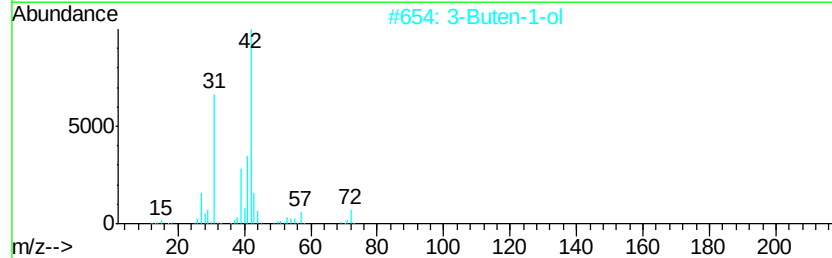
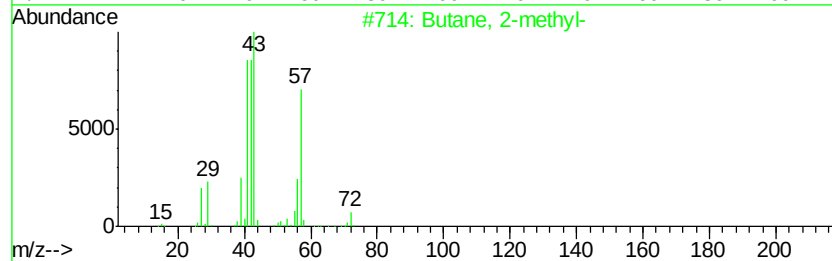
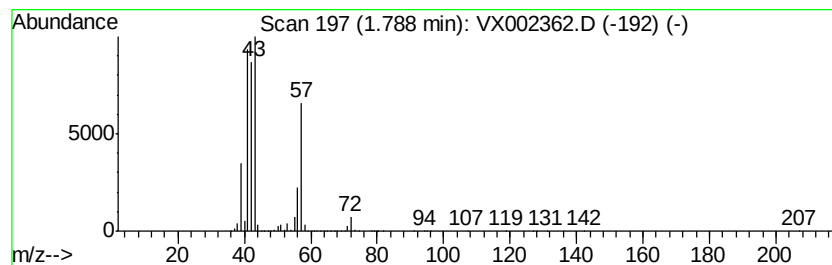
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	190.20 ug/l	2770330	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		3-Buten-1-ol	72	C4H8O	000627-27-0	47
3		Pentane	72	C5H12	000109-66-0	36
4		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5		1-Butene	56	C4H8	000106-98-9	9



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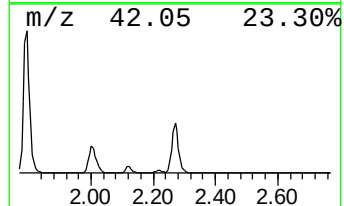
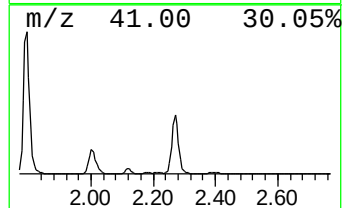
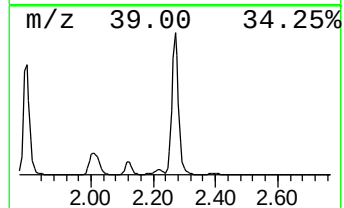
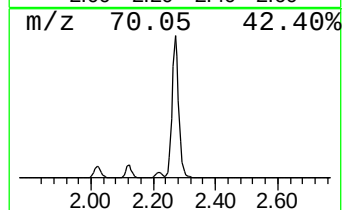
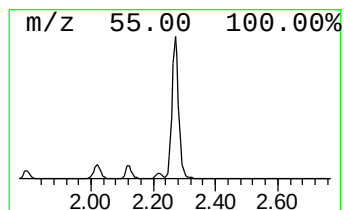
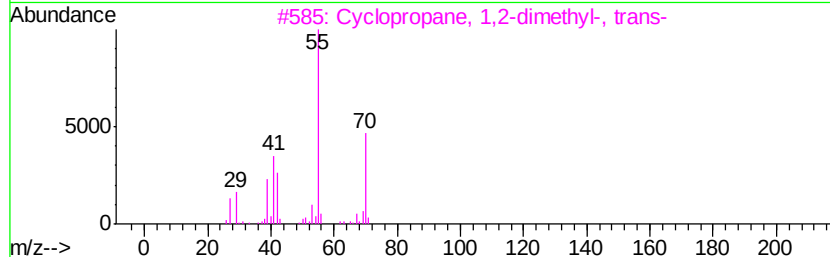
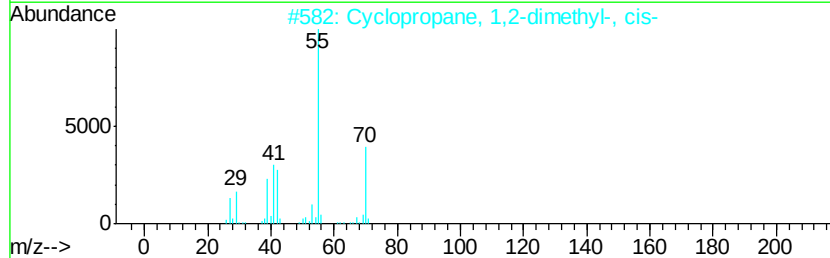
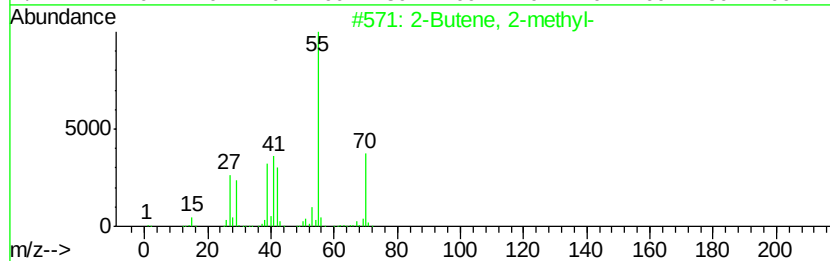
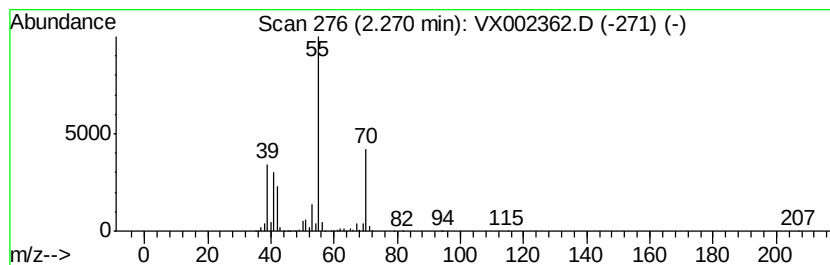
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Butene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	176.99 ug/l	2577930	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
2		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4		2-Pentene, (Z)-	70	C5H10	000627-20-3	81
5		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PW-01

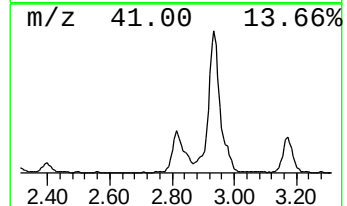
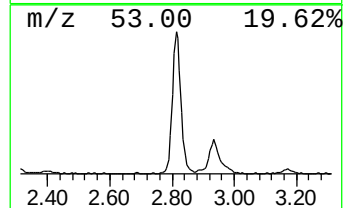
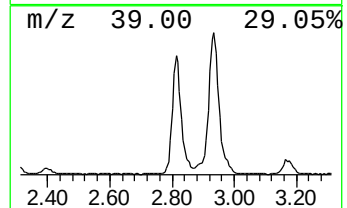
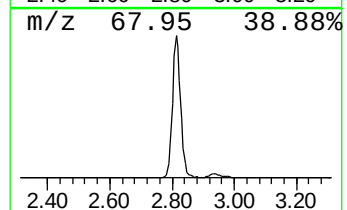
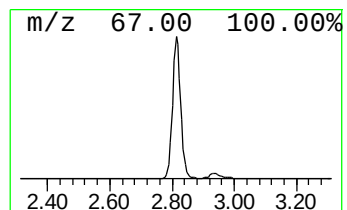
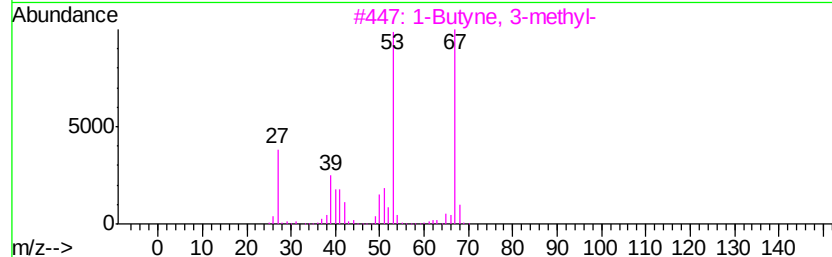
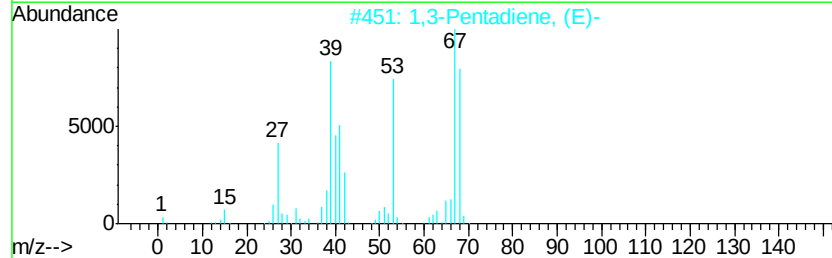
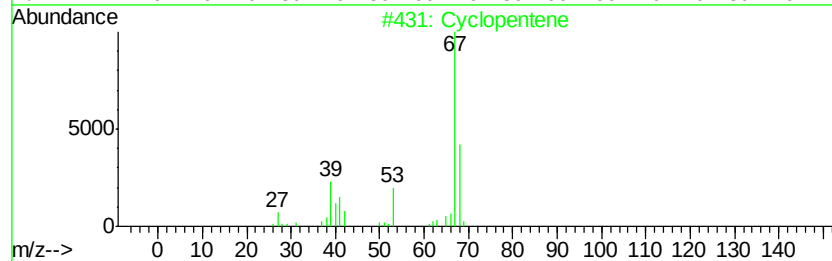
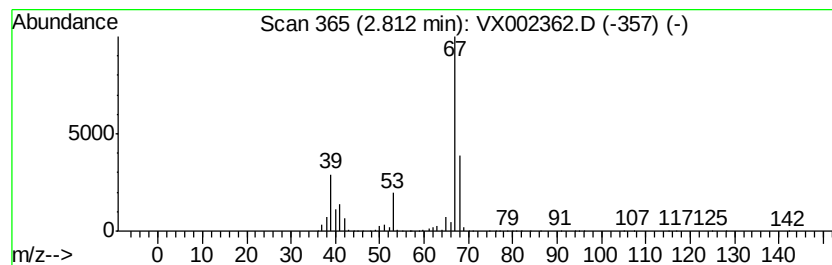
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	54.89 ug/l	799444	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene	68	C5H8	000142-29-0	91
2		1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	59
3		1-Butyne, 3-methyl-	68	C5H8	000598-23-2	59
4		1,4-Pentadiene	68	C5H8	000591-93-5	58
5		1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
PW-01

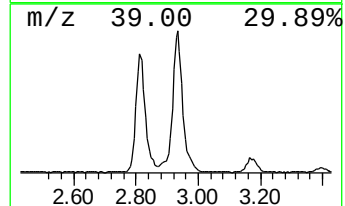
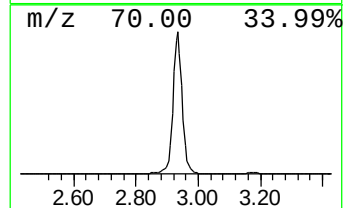
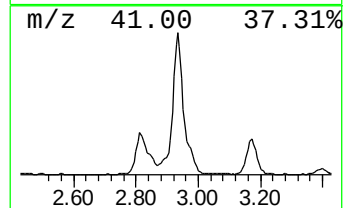
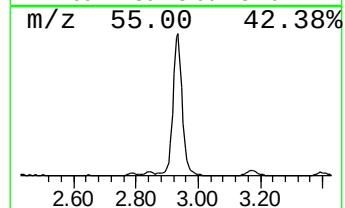
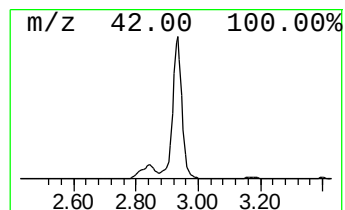
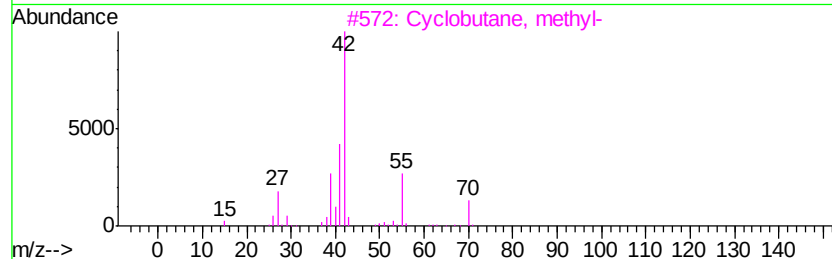
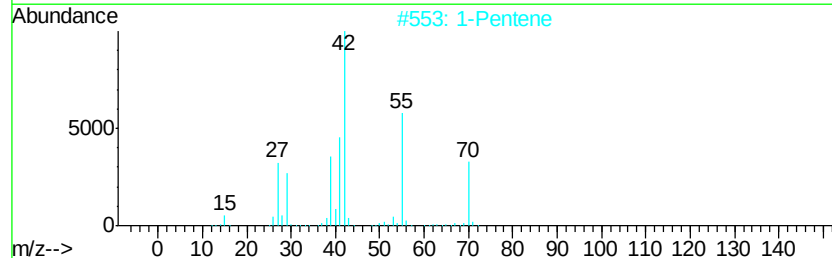
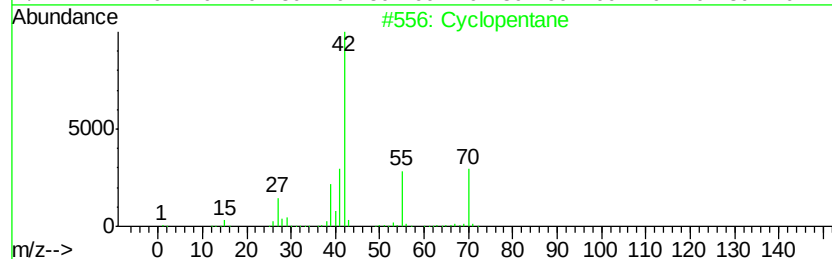
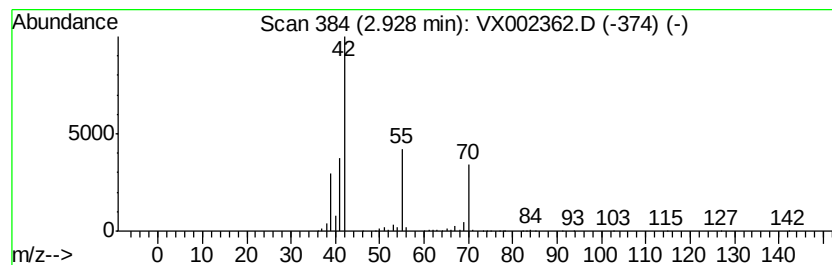
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	79.47 ug/l	1157500	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane	70	C5H10	000287-92-3	90
2		1-Pentene	70	C5H10	000109-67-1	90
3		Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
5		Cyclobutanone	70	C4H6O	001191-95-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PW-01

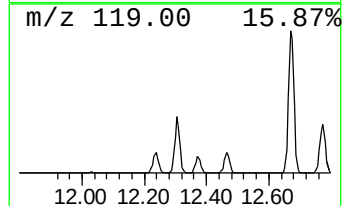
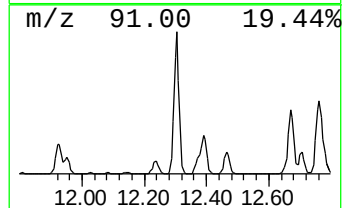
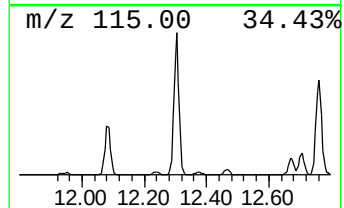
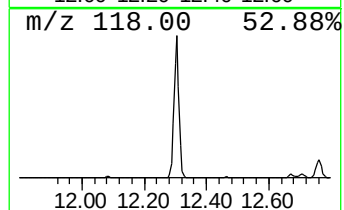
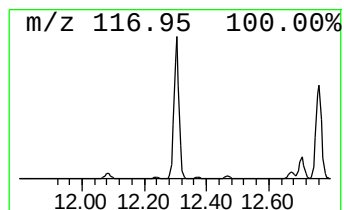
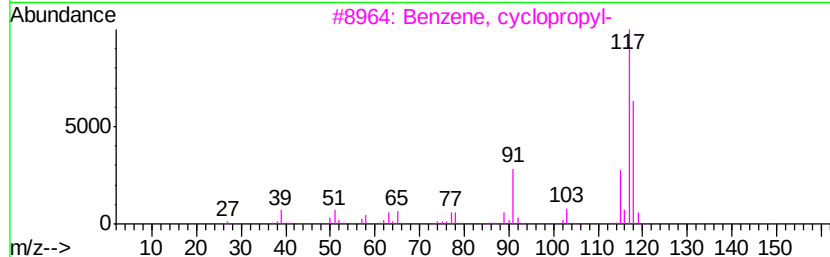
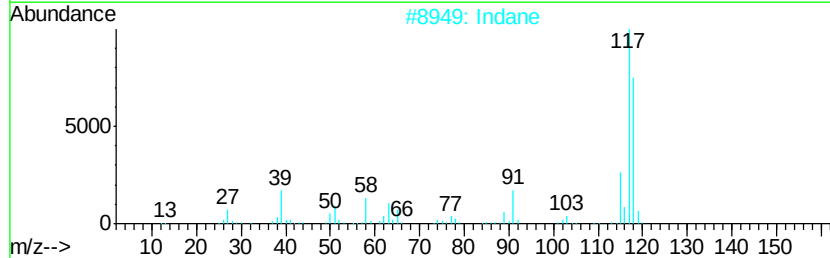
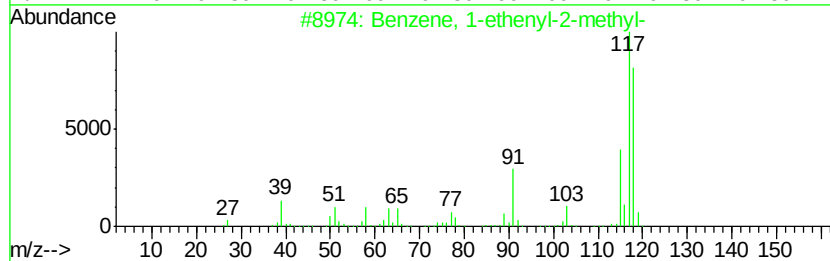
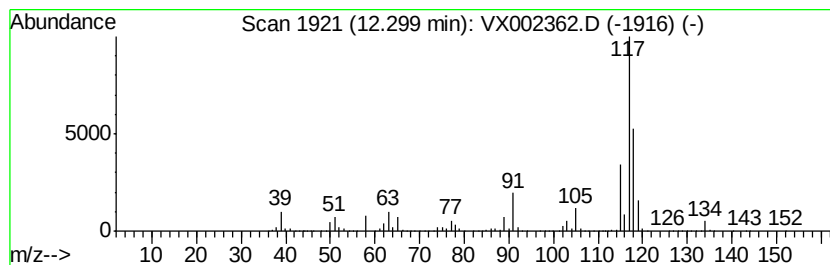
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	132.03 ug/l	3048460	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2		Indane	118	C9H10	000496-11-7	76
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5		Delta cyclene	118	C9H10	007785-10-6	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
PW-01

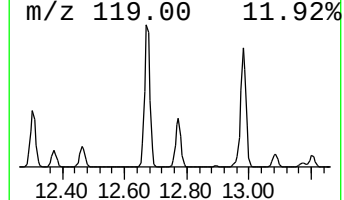
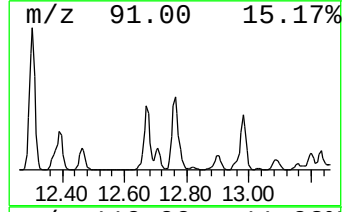
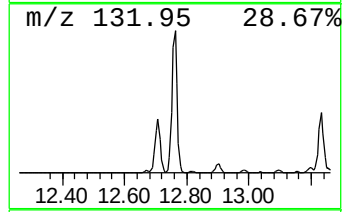
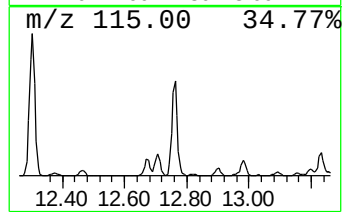
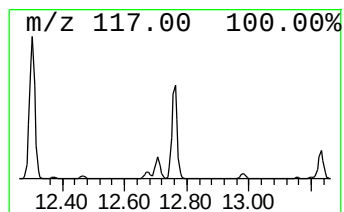
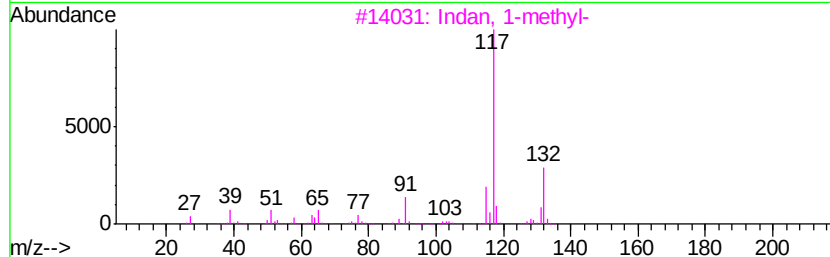
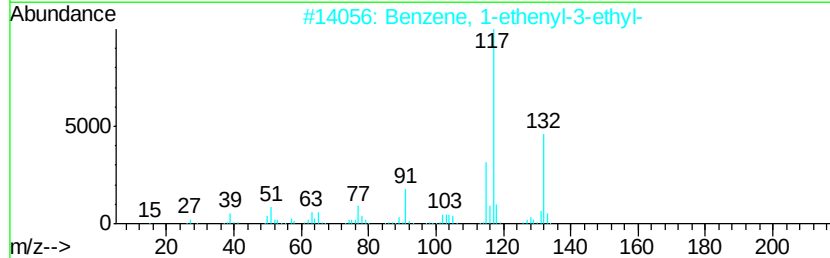
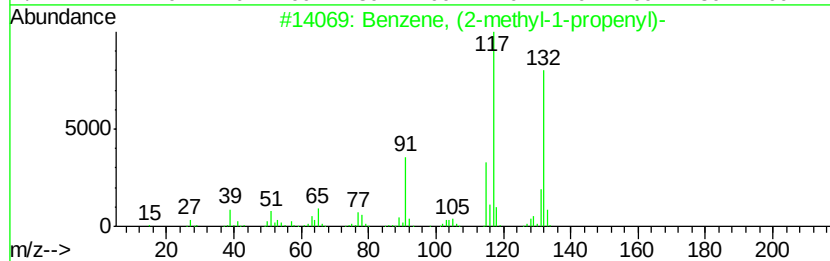
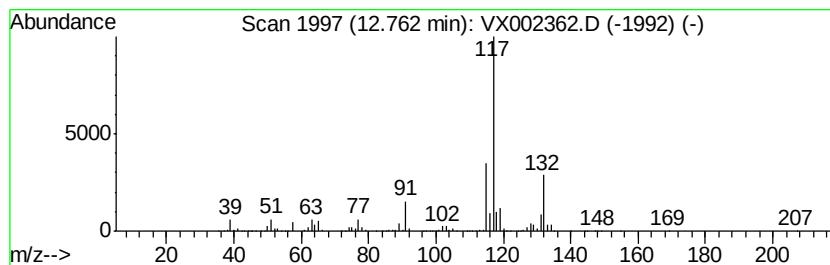
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	91.03 ug/l	2101920	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Indan, 1-methyl-	132	C10H12	000767-58-8	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
PW-01

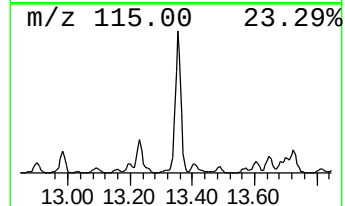
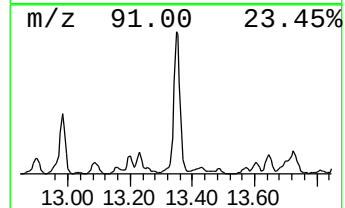
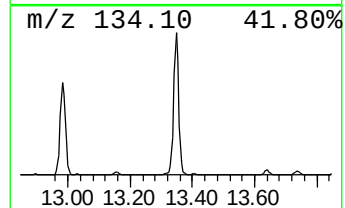
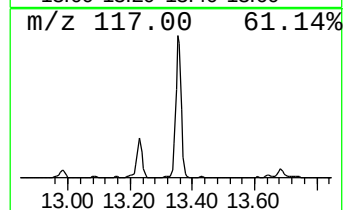
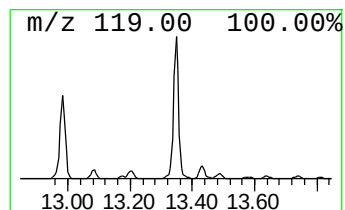
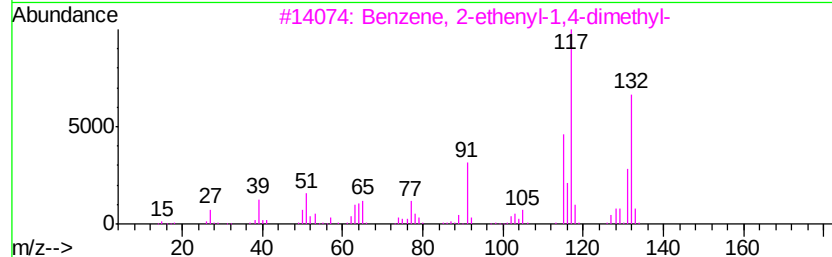
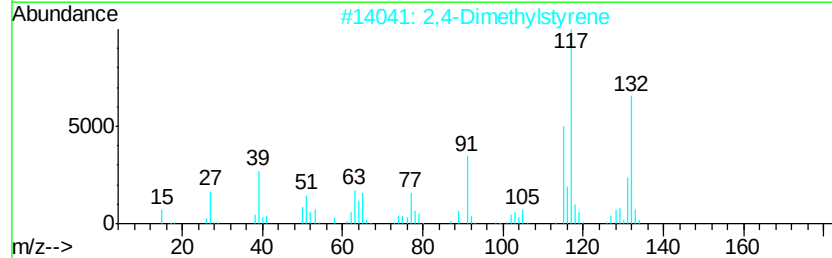
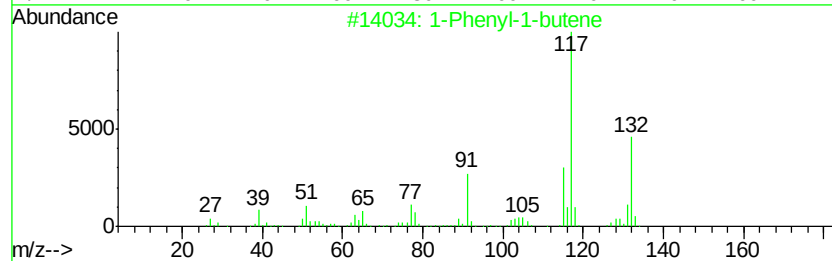
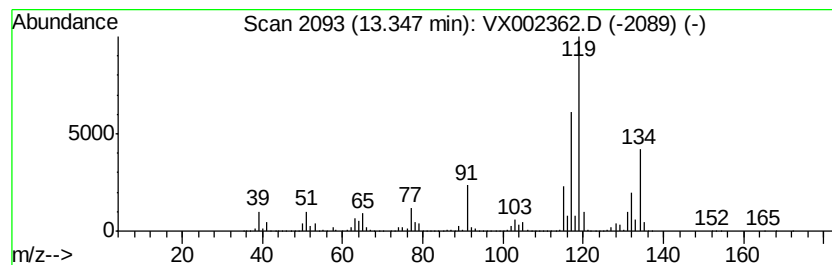
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Quant Title : SW846 8260

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

Peak Number 9 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	155.21 ug/l	3583740	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PW-01

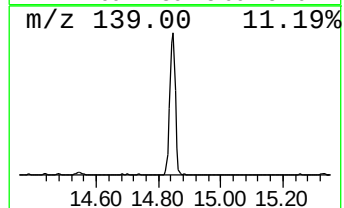
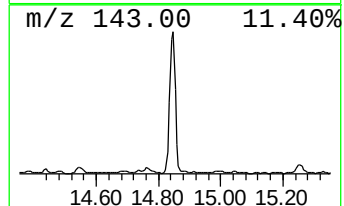
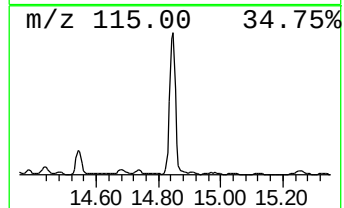
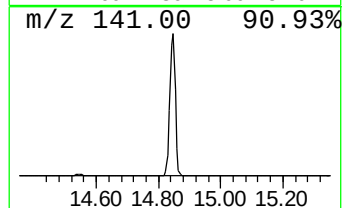
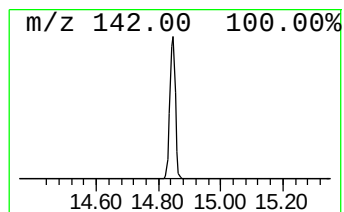
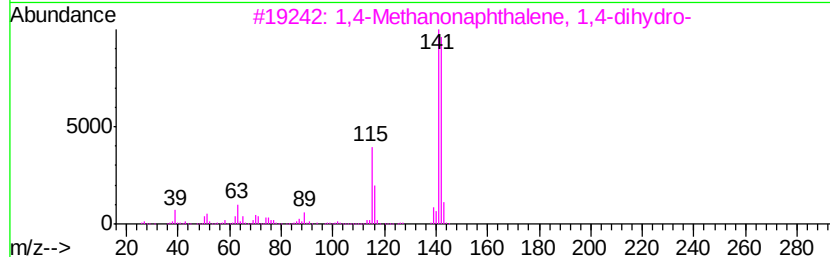
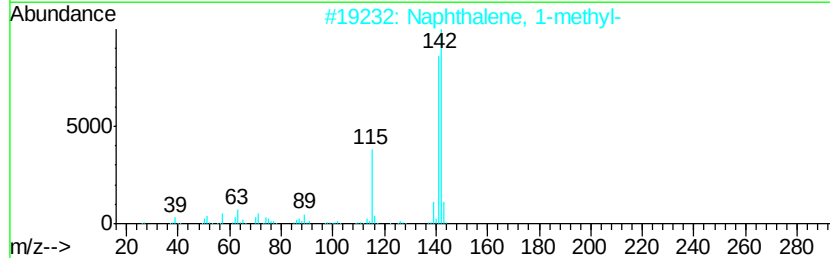
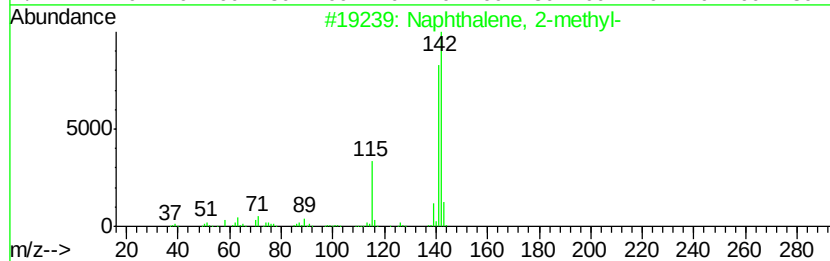
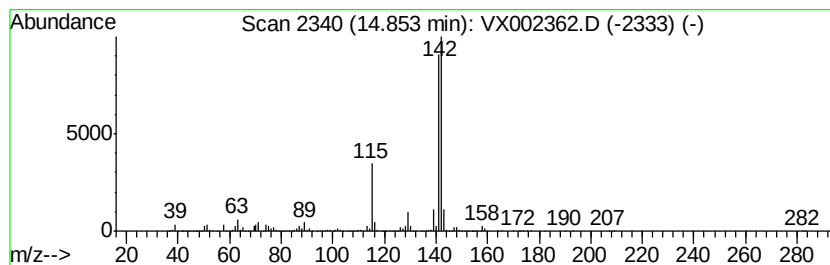
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	95.46 ug/l	2204240	1,4-Dichlorobenzene-d4	12.09

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	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002362.D
Acq On : 06 Jun 2018 19:29
Operator : JC/MD
Sample : J3312-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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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Butane, 2-methyl-	1.79	190.2	ug/l	2770330	1	5.67	728283	50.0
2-Butene, 2-methyl-	2.27	177.0	ug/l	2577930	1	5.67	728283	50.0
Cyclopentene	2.81	54.9	ug/l	799444	1	5.67	728283	50.0
Cyclopentane	2.93	79.5	ug/l	1157500	1	5.67	728283	50.0
Benzene, 1-etheny...	12.30	132.0	ug/l	3048460	4	12.09	1154500	50.0
Benzene, (2-methy...	12.76	91.0	ug/l	2101920	4	12.09	1154500	50.0
1-Phenyl-1-butene	13.35	155.2	ug/l	3583740	4	12.09	1154500	50.0
Naphthalene, 2-me...	14.85	95.5	ug/l	2204240	4	12.09	1154500	50.0