

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004569.D
 Acq On : 15 Sep 2018 07:36
 Operator : JC/MD
 Sample : J4925-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0260

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\82X091118W.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	1.787	99	104	116	rVB	1299269	1883824	6.63%	1.029%
2	2.001	133	139	152	rVB	1409909	1986921	7.00%	1.085%
3	2.397	196	204	218	rVB	275799	549426	1.93%	0.300%
4	2.842	260	277	280	rBV	389090	899386	3.17%	0.491%
5	2.891	280	285	288	rVV	1330703	2816299	9.92%	1.538%
6	2.927	288	291	307	rVB	1469737	2926375	10.31%	1.599%
7	3.171	321	331	352	rVB	1378894	3101482	10.92%	1.694%
8	3.519	378	388	403	rVB	656130	1462601	5.15%	0.799%
9	4.397	522	532	546	rVB2	2109899	6093196	21.46%	3.329%
10	5.238	654	670	694	rVB4	69598	307759	1.08%	0.168%
11	5.500	697	713	716	rBV	184029	445641	1.57%	0.243%
12	5.579	717	726	736	rBV3	1625352	4969250	17.50%	2.715%
13	5.726	745	750	769	rVB2	243808	707603	2.49%	0.387%
14	5.933	769	784	797	rBV4	537281	1739951	6.13%	0.950%
15	6.067	797	806	813	rVV	189323	486177	1.71%	0.266%
16	6.262	827	838	847	rVV4	260243	937714	3.30%	0.512%
17	6.360	847	854	861	rVV	248301	681195	2.40%	0.372%
18	6.451	861	869	882	rVB	418702	1139049	4.01%	0.622%
19	6.860	926	936	944	rBV2	361989	861225	3.03%	0.470%
20	7.463	1021	1035	1047	rBV2	2420773	5432990	19.13%	2.968%
21	7.731	1072	1079	1089	rVB	262756	505659	1.78%	0.276%
22	8.664	1225	1232	1236	rBV2	434852	830239	2.92%	0.454%
23	8.713	1236	1240	1248	rVB	951613	1605359	5.65%	0.877%
24	8.841	1256	1261	1265	rBV	222122	354942	1.25%	0.194%
25	9.042	1288	1294	1301	rVB	478273	765386	2.70%	0.418%
26	9.164	1305	1314	1320	rBV	263166	411337	1.45%	0.225%
27	9.573	1374	1381	1385	rBV2	220495	361307	1.27%	0.197%
28	9.627	1385	1390	1394	rVB	481839	701303	2.47%	0.383%
29	9.676	1394	1398	1403	rBV	313932	451351	1.59%	0.247%
30	10.115	1465	1470	1475	rVB	722921	939845	3.31%	0.513%
31	10.188	1475	1482	1487	rBV	246890	364643	1.28%	0.199%
32	10.255	1487	1493	1502	rBV	20312991	28395717	100.00%	15.512%
33	10.359	1502	1510	1517	rVB	7991567	10695964	37.67%	5.843%
34	10.700	1561	1566	1577	rVB	1458977	1913761	6.74%	1.045%

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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

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 Title : SW846 8260

35	10.841	1577	1589	1596	rBV2	173274	309598	1.09%	0.169%
36	11.017	1613	1618	1632	rVB	1816657	2289190	8.06%	1.251%
37	11.139	1632	1638	1642	rBV	758338	940767	3.31%	0.514%
38	11.359	1669	1674	1681	rBV	2053017	2505508	8.82%	1.369%
39	11.438	1681	1687	1693	rVV	938503	1679739	5.92%	0.918%
40	11.505	1693	1698	1707	rVB	2648399	3276455	11.54%	1.790%
41	11.670	1720	1725	1734	rBV	6759238	8029609	28.28%	4.386%
42	11.810	1743	1748	1753	rVB	16570017	19082229	67.20%	10.424%
43	11.950	1768	1771	1777	rVV	311572	406151	1.43%	0.222%
44	12.030	1777	1784	1787	rVV	267486	337876	1.19%	0.185%
45	12.078	1787	1792	1797	rVB2	1048946	1581443	5.57%	0.864%
46	12.145	1797	1803	1808	rBV	7693205	9174142	32.31%	5.012%
47	12.304	1823	1829	1836	rBV	4136416	5597754	19.71%	3.058%
48	12.371	1836	1840	1850	rVB3	1263711	1976015	6.96%	1.079%
49	12.462	1850	1855	1860	rBV2	407363	556535	1.96%	0.304%
50	12.517	1860	1864	1870	rBV	1001514	1215035	4.28%	0.664%
51	12.590	1870	1876	1878	rBV	1088629	1521427	5.36%	0.831%
52	12.609	1878	1879	1884	rVV	1104491	1053477	3.71%	0.575%
53	12.670	1884	1889	1892	rVV	1515303	1759716	6.20%	0.961%
54	12.700	1892	1894	1899	rVV	420549	500785	1.76%	0.274%
55	12.761	1899	1904	1911	rVB2	1201843	2029747	7.15%	1.109%
56	12.907	1922	1928	1932	rVB2	851049	1181607	4.16%	0.645%
57	12.981	1932	1940	1943	rBV	1089658	1397366	4.92%	0.763%
58	13.017	1943	1946	1952	rVB	1567640	2011127	7.08%	1.099%
59	13.084	1952	1957	1962	rBV3	229779	454706	1.60%	0.248%
60	13.194	1972	1975	1977	rBV2	238531	287382	1.01%	0.157%
61	13.224	1977	1980	1984	rVV	752346	894968	3.15%	0.489%
62	13.310	1990	1994	1996	rBV3	281447	362361	1.28%	0.198%
63	13.346	1996	2000	2006	rVB2	3554398	4846716	17.07%	2.648%
64	13.480	2017	2022	2029	rVB	1870620	2296284	8.09%	1.254%
65	13.639	2045	2048	2053	rVV2	398452	693347	2.44%	0.379%
66	13.724	2059	2062	2068	rVB2	420284	699743	2.46%	0.382%
67	13.834	2072	2080	2088	rVB	5737418	7134123	25.12%	3.897%
68	13.913	2088	2093	2098	rVB	253182	347820	1.22%	0.190%
69	13.986	2098	2105	2109	rBV2	371627	557851	1.96%	0.305%
70	14.291	2147	2155	2160	rVB3	420664	788488	2.78%	0.431%
71	14.541	2191	2196	2205	rBV2	407608	577547	2.03%	0.315%

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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 >
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72	14.700	2214	2222	2226	rBV	1934309	2591165	9.13%	1.415%
73	14.840	2240	2245	2250	rBV	1379633	1706661	6.01%	0.932%
74	15.553	2355	2362	2367	rBV	187828	301399	1.06%	0.165%
75	15.687	2377	2384	2388	rBV	225682	379448	1.34%	0.207%

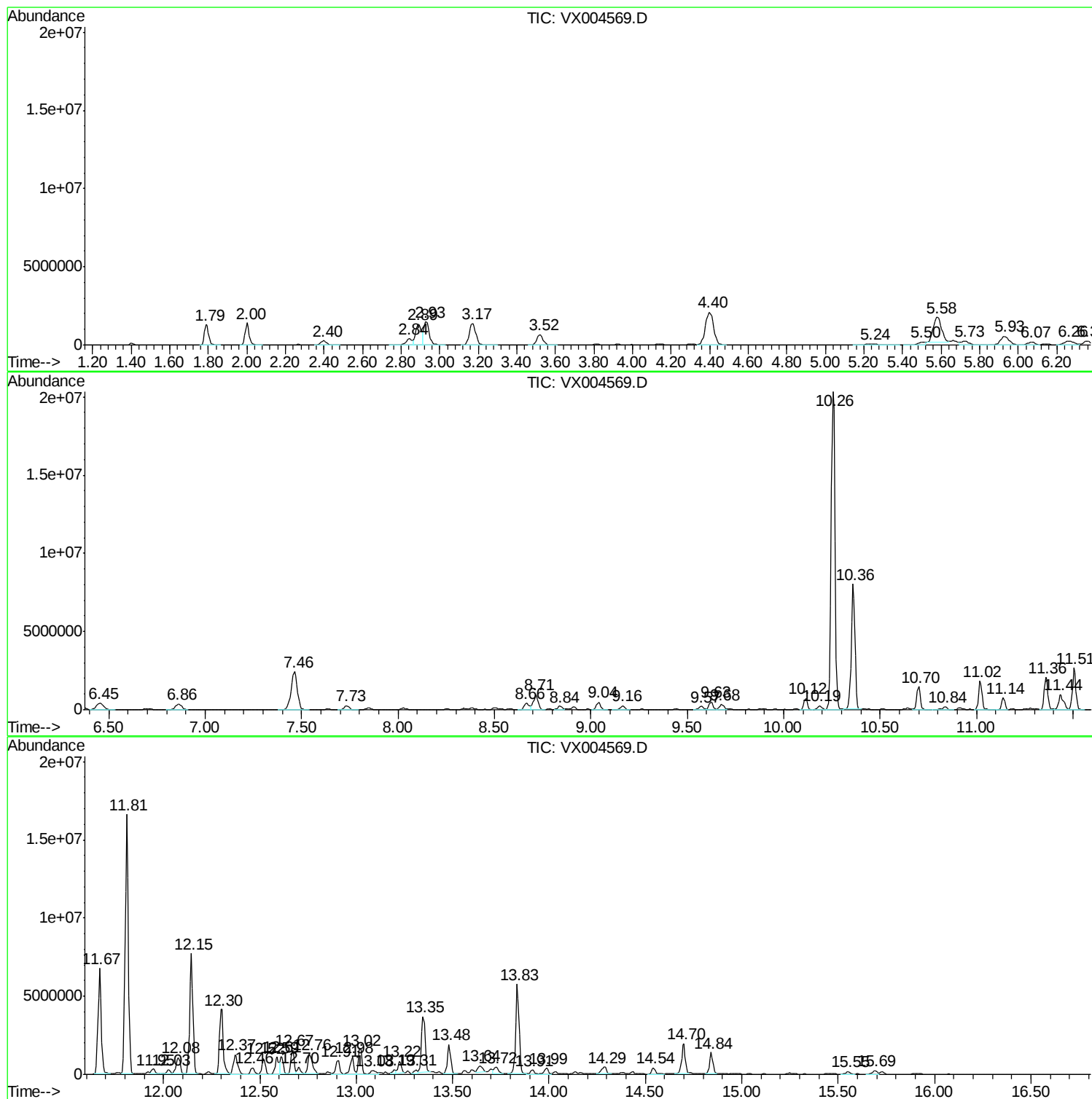
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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



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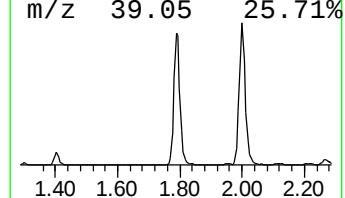
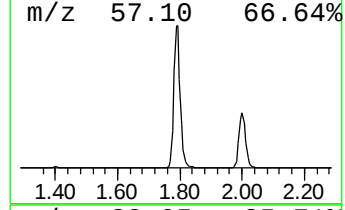
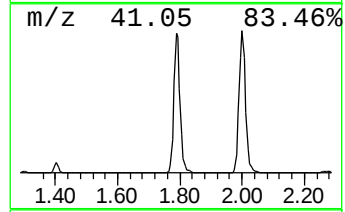
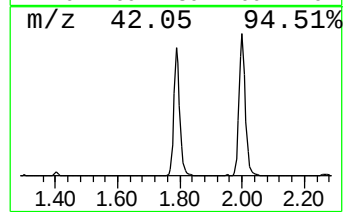
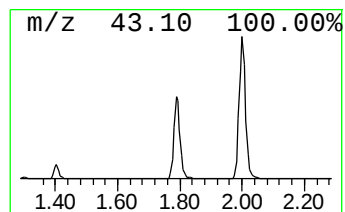
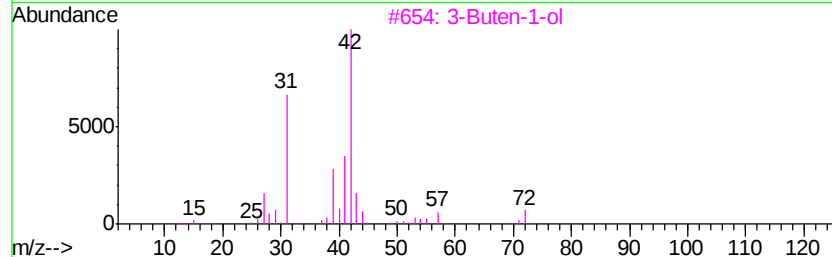
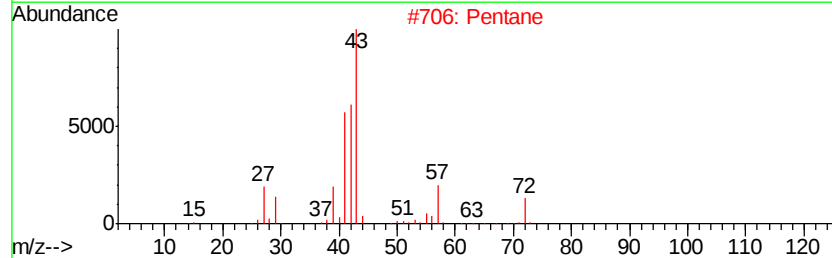
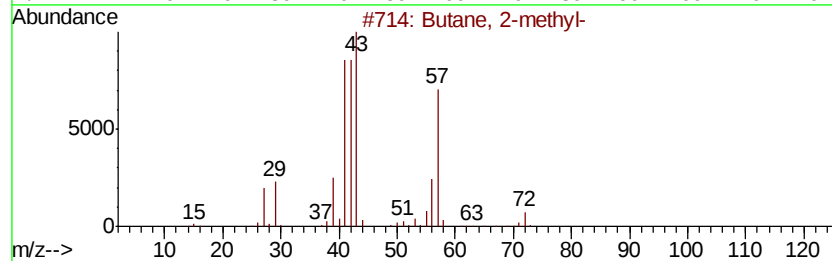
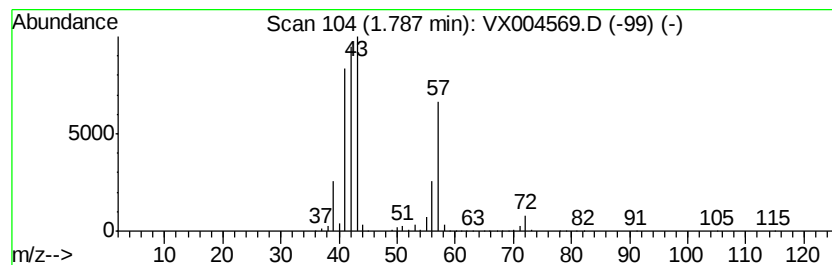
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	133.11 ug/l	1883820	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Pentane	72	C5H12	000109-66-0	53
3		3-Buten-1-ol	72	C4H8O	000627-27-0	43
4		1-Butene	56	C4H8	000106-98-9	10
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	9



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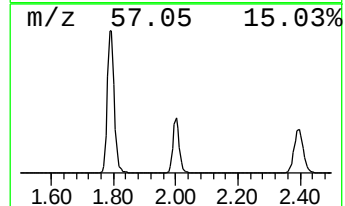
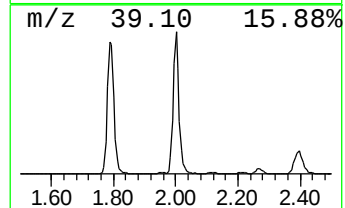
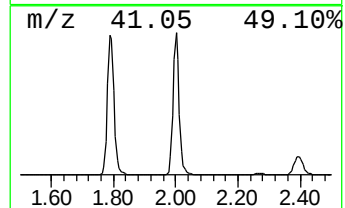
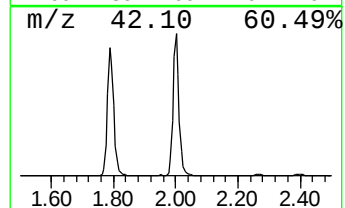
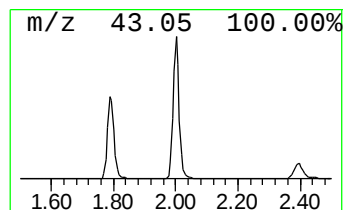
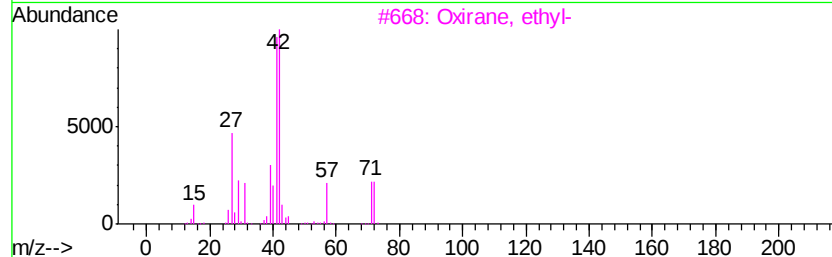
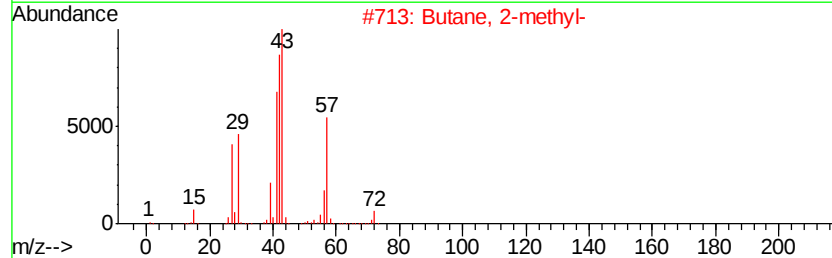
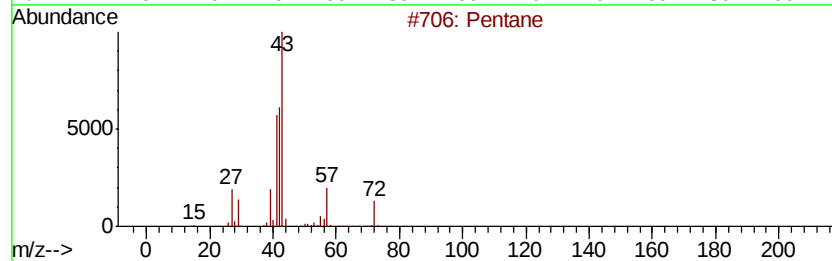
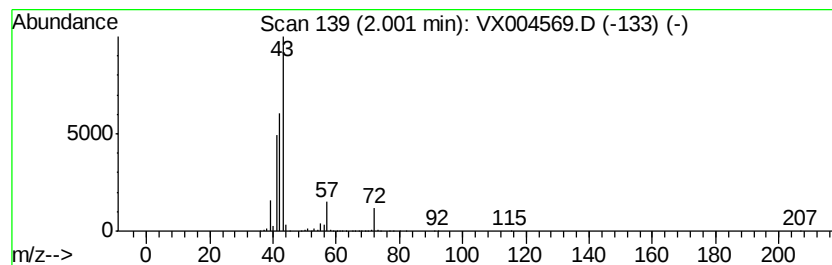
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	140.40 ug/l	1986920	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	50
3		Oxirane, ethyl-	72	C4H8O	000106-88-7	33
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	9
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9



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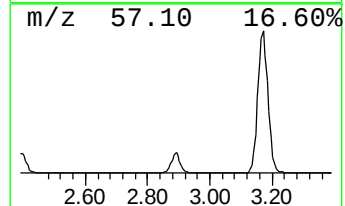
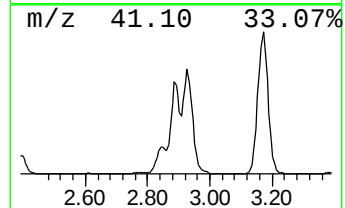
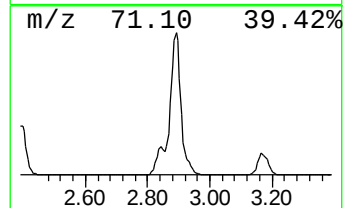
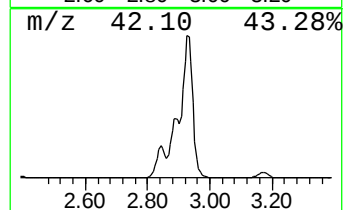
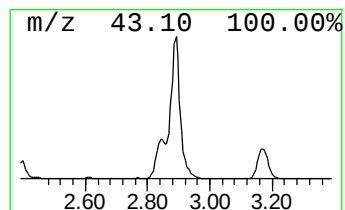
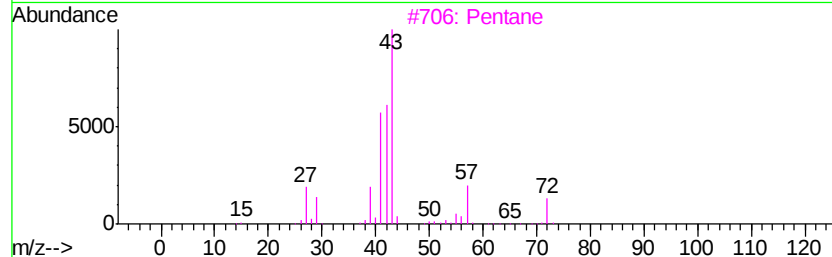
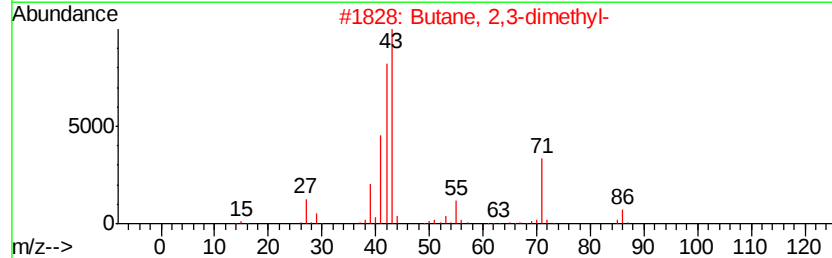
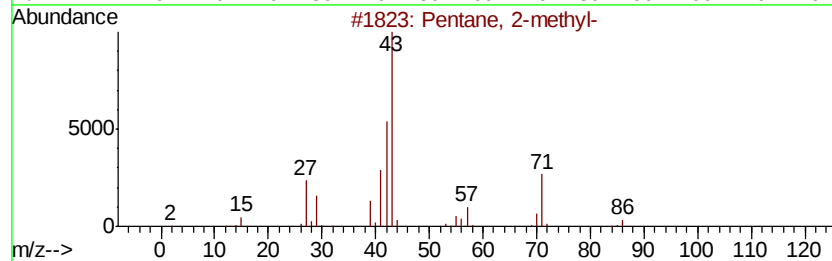
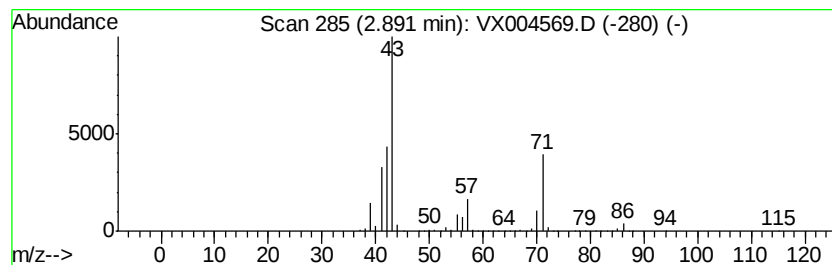
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	199.00 ug/l	2816300	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3		Pentane	72	C5H12	000109-66-0	43
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	28



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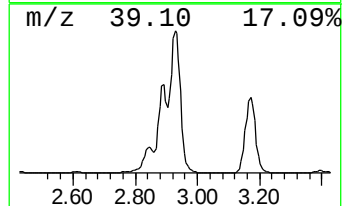
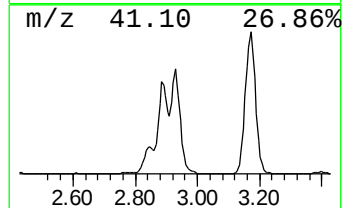
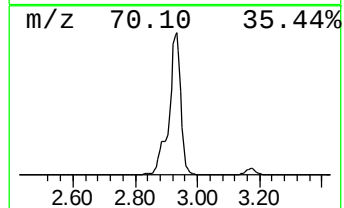
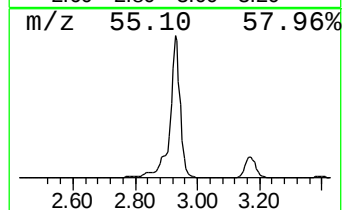
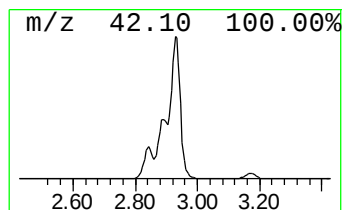
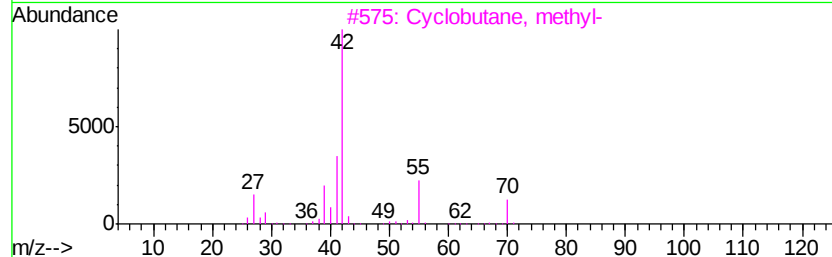
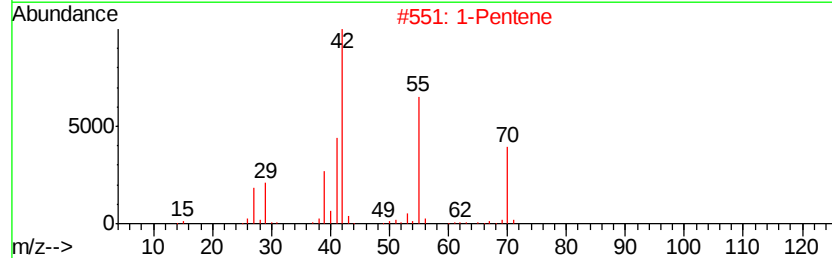
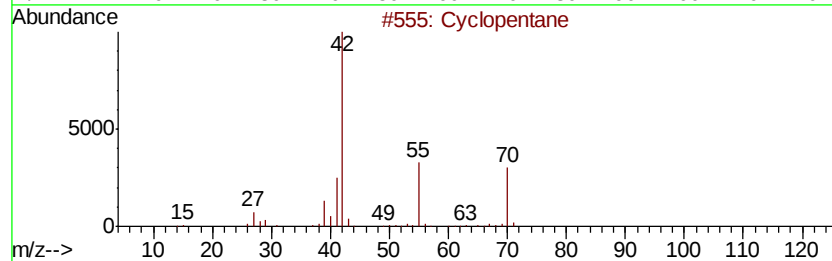
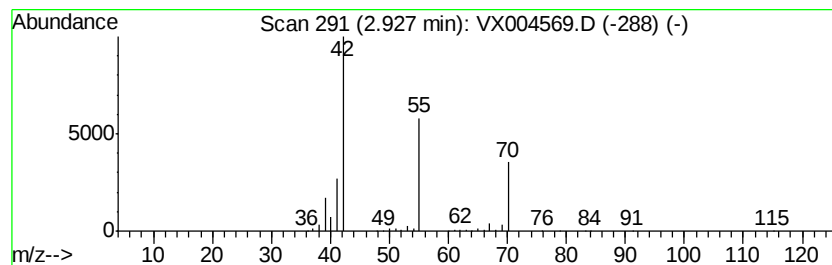
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	206.78 ug/l	2926380	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane	70	C5H10	000287-92-3	80
2		1-Pentene	70	C5H10	000109-67-1	78
3		Cyclobutane, methyl-	70	C5H10	000598-61-8	56
4		2-Pentene, (E)-	70	C5H10	000646-04-8	12
5		2-Pentene, (Z)-	70	C5H10	000627-20-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
S13-0260

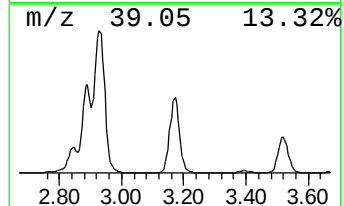
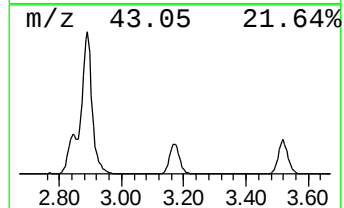
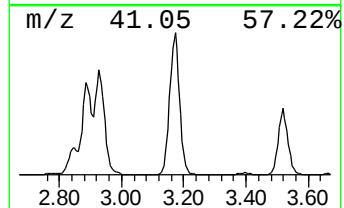
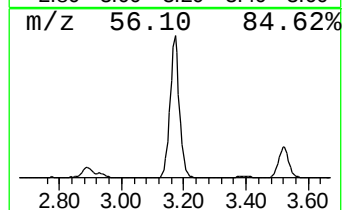
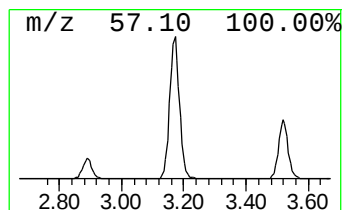
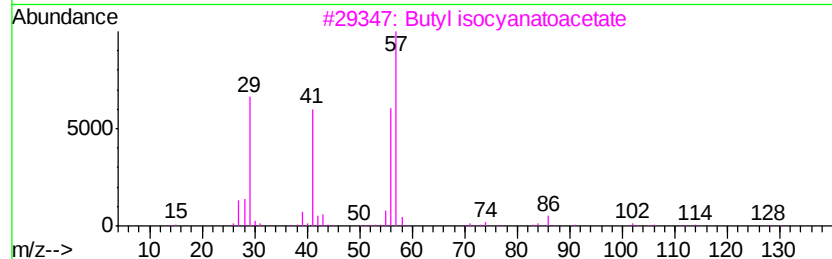
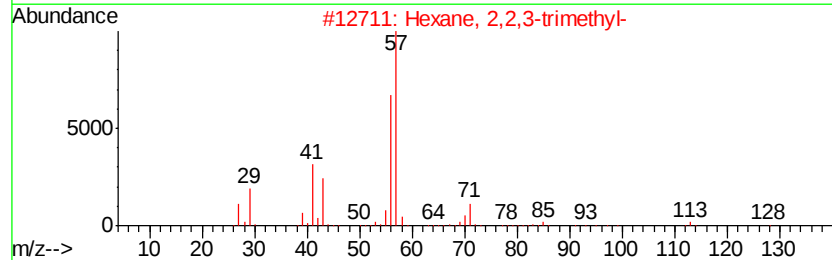
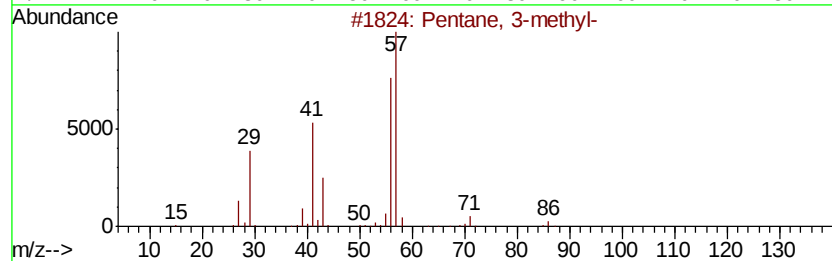
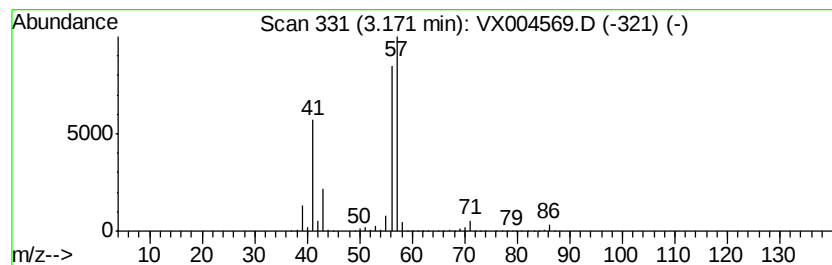
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	219.15 ug/l	3101480	Pentafluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91	
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64	
3	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	43	
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40	
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

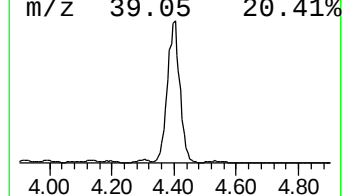
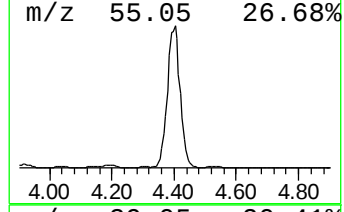
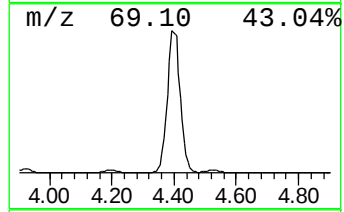
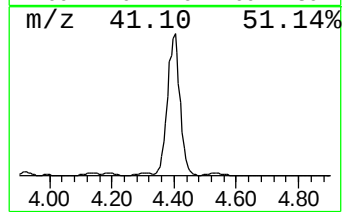
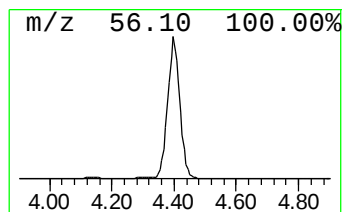
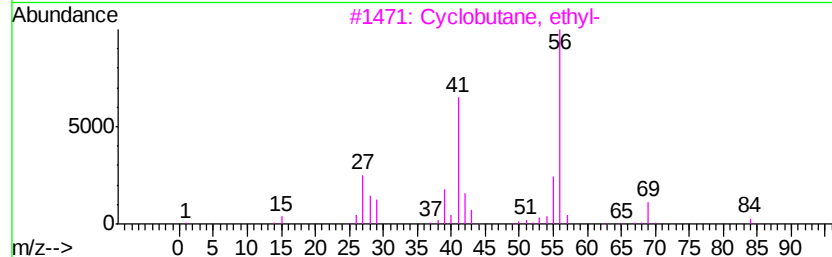
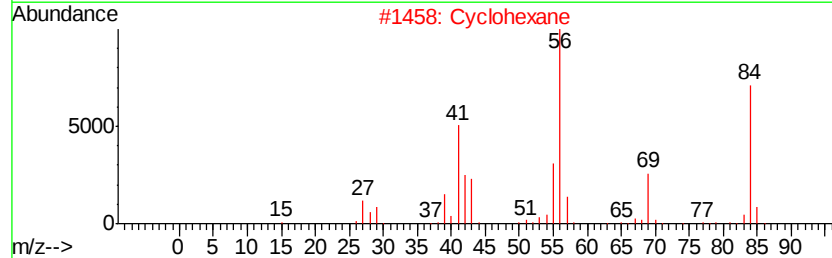
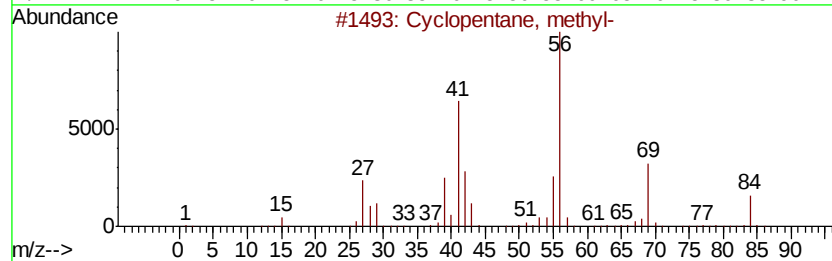
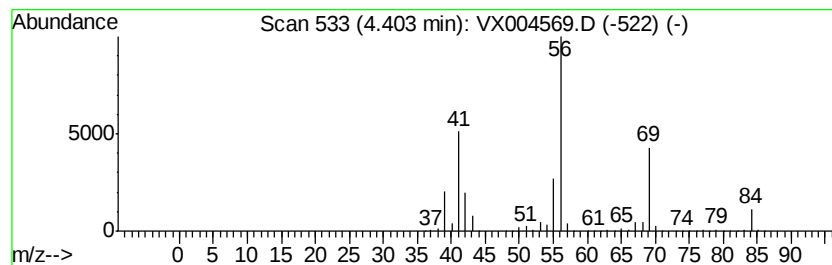
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	430.55 ug/l	6093200	Pentafluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	64
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

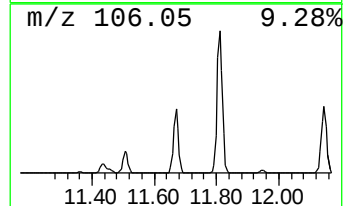
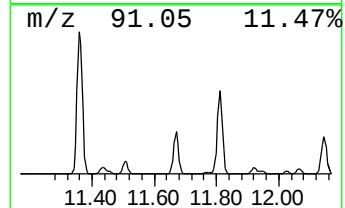
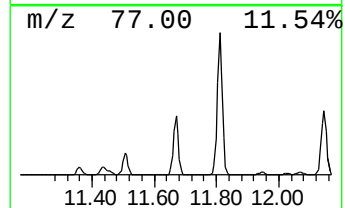
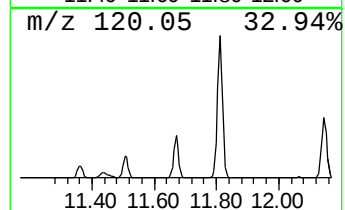
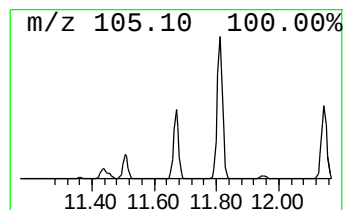
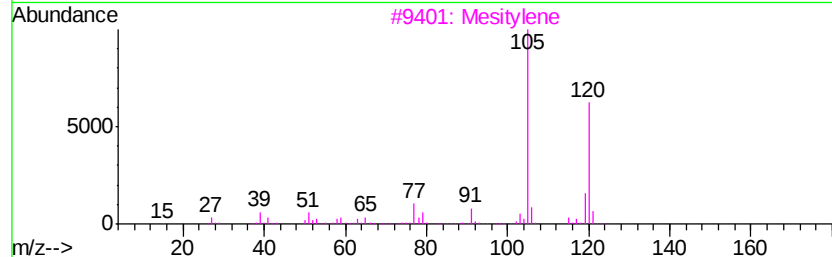
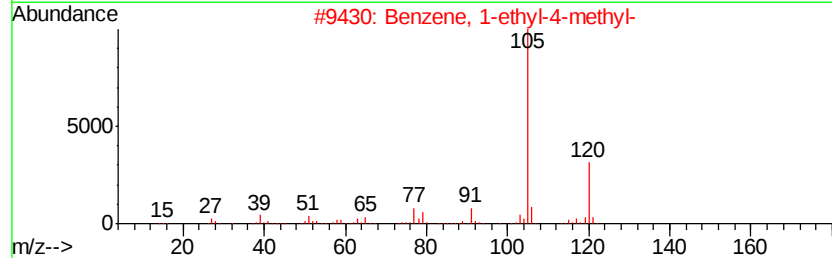
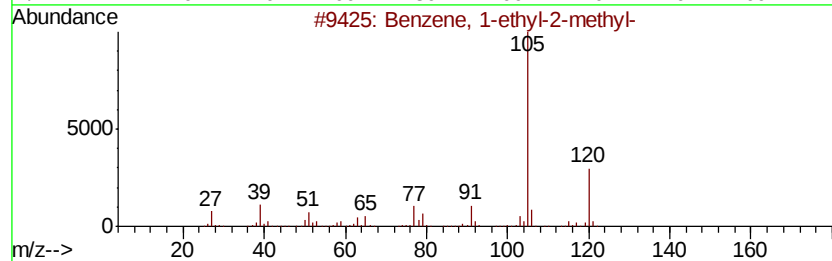
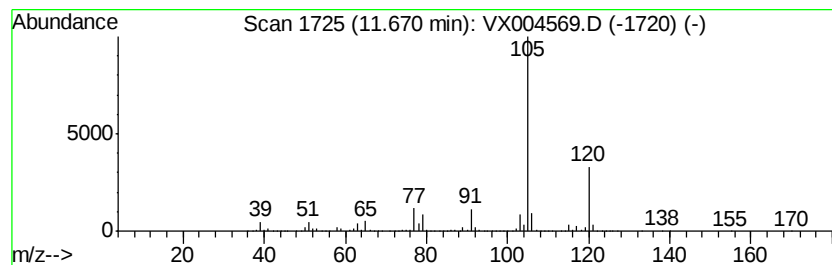
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	253.87 ug/l	8029610	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

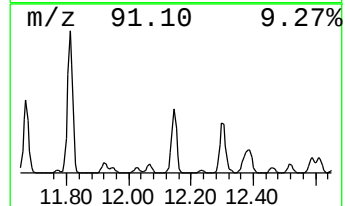
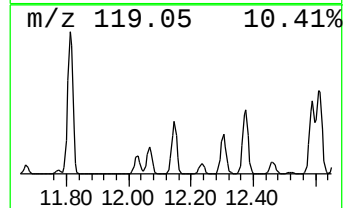
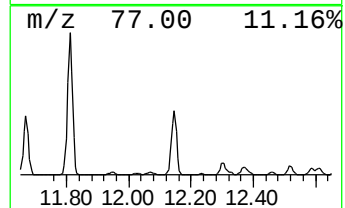
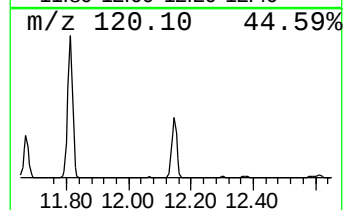
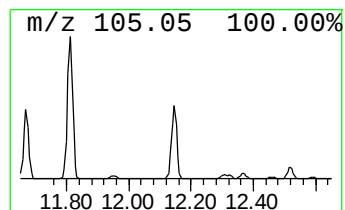
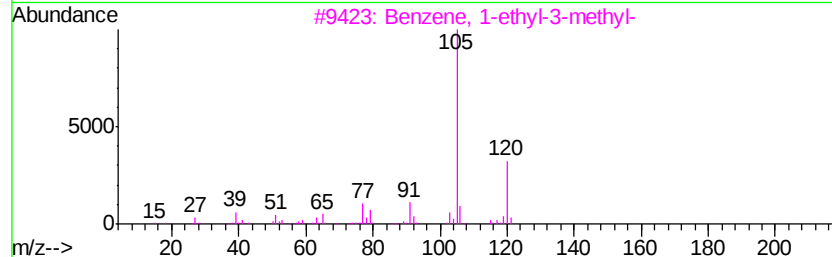
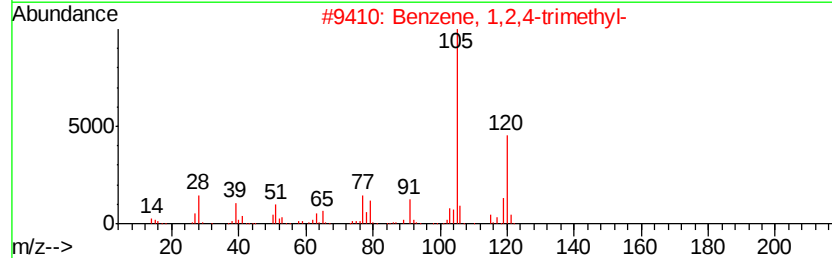
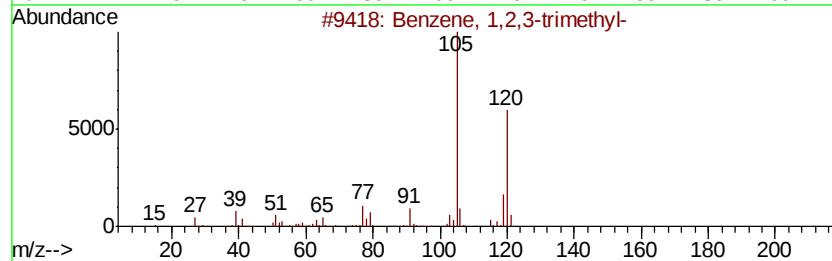
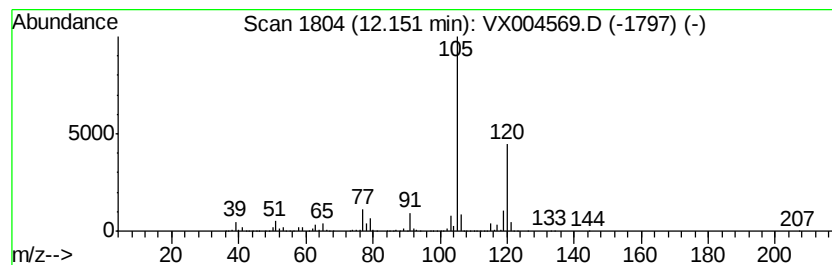
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	290.06 ug/l	9174140	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

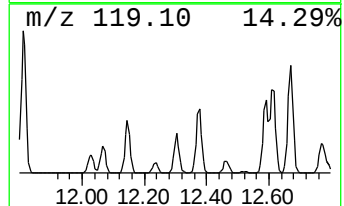
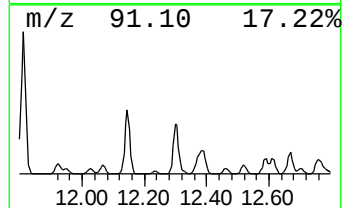
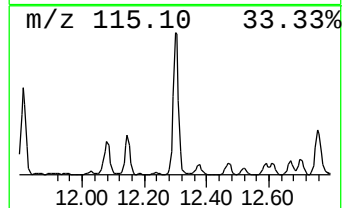
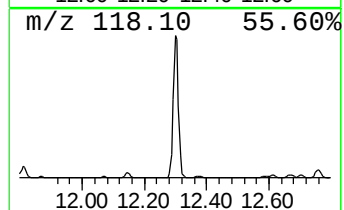
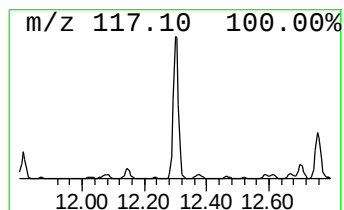
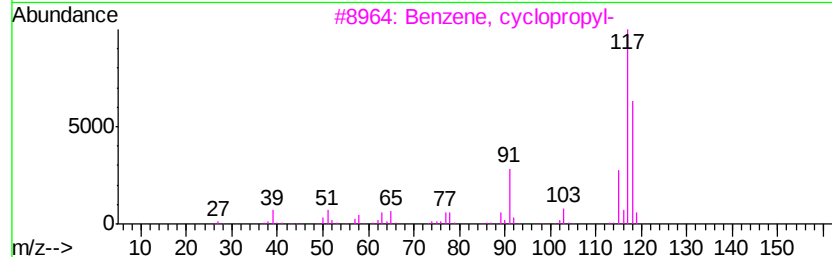
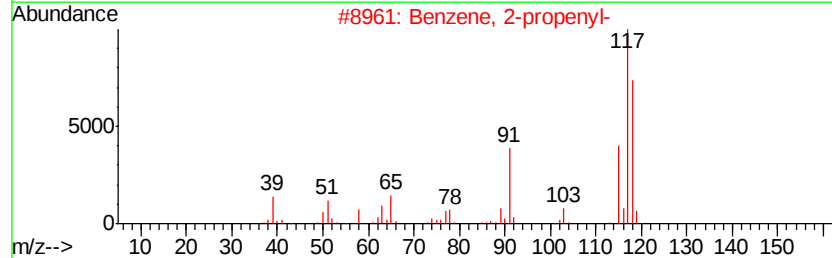
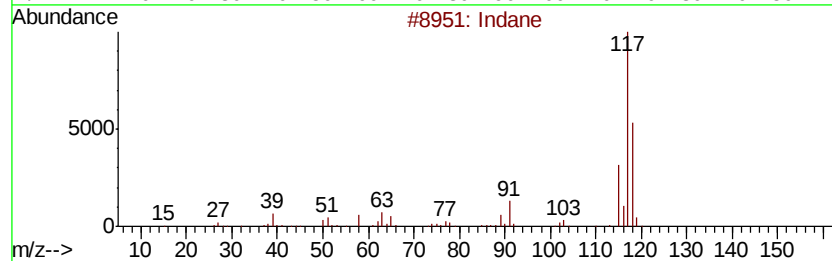
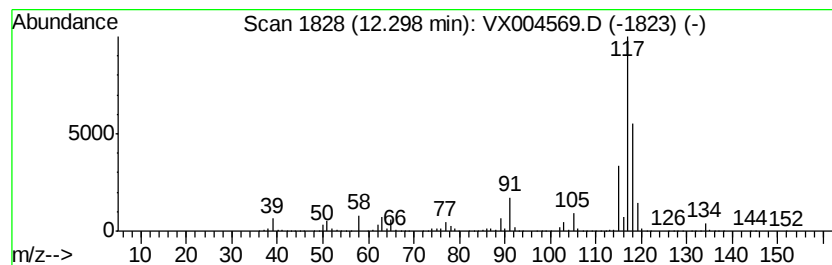
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Quant Title : SW846 8260

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

Peak Number 9 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	176.98 ug/l	5597750	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	76
4	Deltacyclene		118	C9H10	007785-10-6	58
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

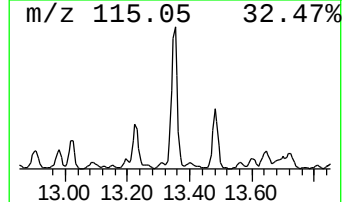
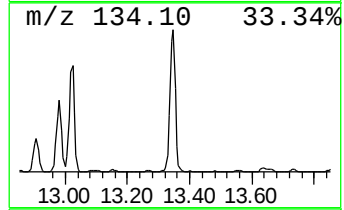
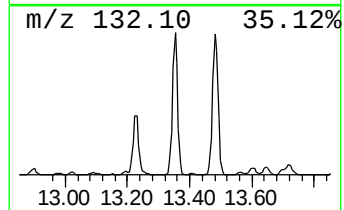
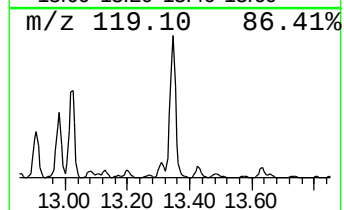
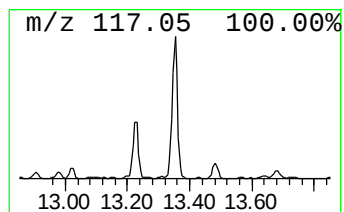
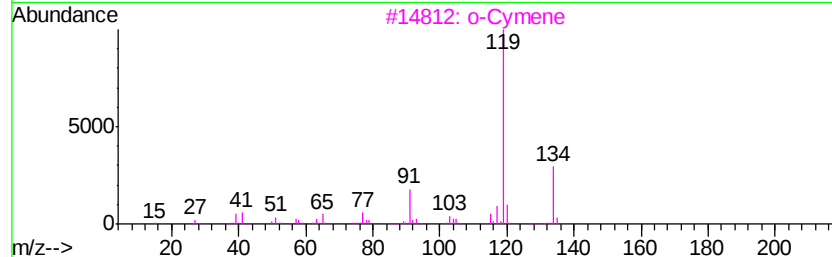
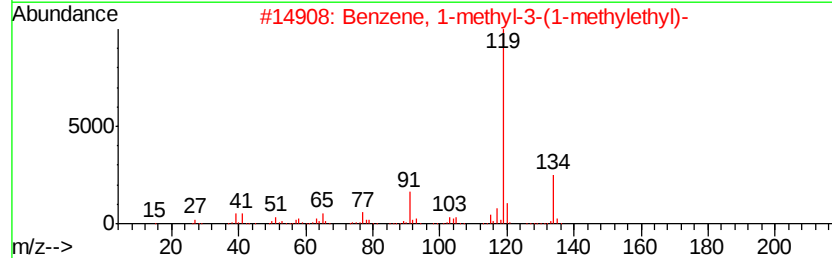
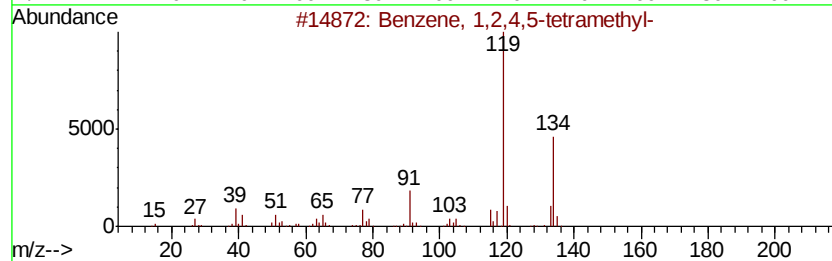
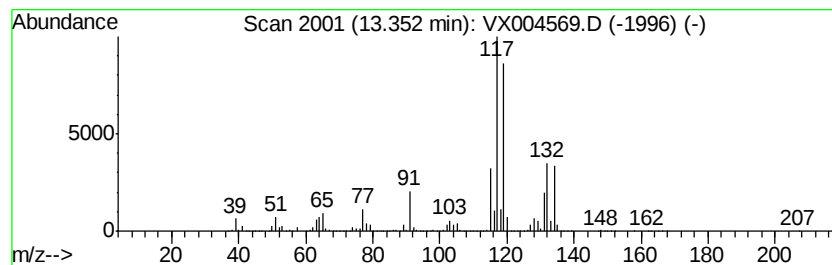
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	153.24 ug/l	4846720	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
3		o-Cymene	134	C10H14	000527-84-4	60
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091418\
Data File : VX004569.D
Acq On : 15 Sep 2018 07:36
Operator : JC/MD
Sample : J4925-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0260

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.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-	1.79	133.1	ug/l	1883820	1	5.66	707603	50.0
Pentane	2.00	140.4	ug/l	1986920	1	5.66	707603	50.0
Pentane, 2-methyl-	2.89	199.0	ug/l	2816300	1	5.66	707603	50.0
Cyclopentane	2.93	206.8	ug/l	2926380	1	5.66	707603	50.0
Pentane, 3-methyl-	3.17	219.2	ug/l	3101480	1	5.66	707603	50.0
Cyclopentane, met...	4.40	430.6	ug/l	6093200	1	5.66	707603	50.0
Benzene, 1-ethyl-...	11.67	253.9	ug/l	8029610	4	12.08	1581440	50.0
Benzene, 1,2,3-tr...	12.15	290.1	ug/l	9174140	4	12.08	1581440	50.0
Indane	12.30	177.0	ug/l	5597750	4	12.08	1581440	50.0
Benzene, 1,2,4,5-...	13.35	153.2	ug/l	4846720	4	12.08	1581440	50.0