

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012986.D
 Acq On : 10 Oct 2019 11:27
 Operator : JC/SP
 Sample : K5185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1

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\82X100819W.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	1.070	26	30	43	rBV	588448	718482	76.09%	7.768%
2	1.265	58	62	65	rBV	14527	17898	1.90%	0.194%
3	1.393	79	83	89	rVB	29749	31275	3.31%	0.338%
4	1.783	141	147	157	rVB	186857	256153	27.13%	2.769%
5	1.991	176	181	190	rVB	76942	105523	11.17%	1.141%
6	2.381	240	245	250	rBV3	11960	22887	2.42%	0.247%
7	2.430	250	253	262	rVB	12724	20521	2.17%	0.222%
8	2.594	274	280	288	rVB	6906	12954	1.37%	0.140%
9	2.838	312	320	323	rBV	29452	63722	6.75%	0.689%
10	2.881	323	327	331	rVV	61689	132415	14.02%	1.432%
11	2.923	331	334	346	rVB2	52374	103037	10.91%	1.114%
12	3.161	363	373	385	rBV	60449	137963	14.61%	1.492%
13	3.515	422	431	442	rVB2	14831	34048	3.61%	0.368%
14	4.295	544	559	564	rBV8	3507	12841	1.36%	0.139%
15	4.393	565	575	588	rVB	82676	245137	25.96%	2.650%
16	4.673	613	621	637	rVB	5287	17099	1.81%	0.185%
17	5.234	703	713	725	rVB3	2680	9594	1.02%	0.104%
18	5.490	742	755	763	rBV	101968	301931	31.97%	3.264%
19	5.575	763	769	773	rVV4	28874	82538	8.74%	0.892%
20	5.655	773	782	806	rVB	199244	608218	64.41%	6.576%
21	5.917	817	825	836	rBV5	12617	39734	4.21%	0.430%
22	6.051	836	847	855	rBV	120346	319889	33.88%	3.458%
23	6.136	855	861	871	rVB	66005	169662	17.97%	1.834%
24	6.246	871	879	882	rBV2	9968	22695	2.40%	0.245%
25	6.344	889	895	904	rVB4	12670	37651	3.99%	0.407%
26	6.447	904	912	920	rVB5	9906	26881	2.85%	0.291%
27	6.703	946	954	966	rVB6	2391	9829	1.04%	0.106%
28	6.850	968	978	997	rBV	300058	706410	74.81%	7.637%
29	7.453	1065	1077	1086	rBV5	35520	97895	10.37%	1.058%
30	7.727	1117	1122	1132	rVB4	8516	17581	1.86%	0.190%
31	7.965	1156	1161	1167	rVV7	4487	11489	1.22%	0.124%
32	8.057	1167	1176	1182	rVB4	4840	12099	1.28%	0.131%
33	8.173	1187	1195	1201	rBV3	9290	19155	2.03%	0.207%
34	8.666	1266	1276	1277	rBV4	5719	9916	1.05%	0.107%

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35	8.709	1277	1283	1291	rVV	605569	944299	100.00%	10.209%
36	8.776	1291	1294	1300	rVB	24512	38995	4.13%	0.422%
37	9.160	1350	1357	1363	rVB4	7420	13268	1.41%	0.143%
38	10.111	1506	1513	1522	rBV	563295	787325	83.38%	8.512%
39	10.245	1530	1535	1542	rBV	38824	53037	5.62%	0.573%
40	10.355	1546	1553	1563	rVB	109206	150612	15.95%	1.628%
41	10.696	1605	1609	1615	rVB3	7379	11174	1.18%	0.121%
42	11.013	1655	1661	1667	rBV	96606	122007	12.92%	1.319%
43	11.135	1675	1681	1692	rBV	429495	581058	61.53%	6.282%
44	11.355	1713	1717	1724	rVB	45601	56739	6.01%	0.613%
45	11.452	1724	1733	1737	rBV	14392	21299	2.26%	0.230%
46	11.501	1737	1741	1747	rVB	11447	15768	1.67%	0.170%
47	11.666	1762	1768	1775	rBV	62266	81467	8.63%	0.881%
48	12.074	1829	1835	1841	rBV	566686	690501	73.12%	7.465%
49	12.135	1841	1845	1853	rVB	17045	22111	2.34%	0.239%
50	12.294	1864	1871	1878	rBV2	340745	429946	45.53%	4.648%
51	12.361	1878	1882	1892	rVB3	18798	31932	3.38%	0.345%
52	12.458	1892	1898	1903	rBV	13357	17720	1.88%	0.192%
53	12.513	1903	1907	1912	rVB	20591	25738	2.73%	0.278%
54	12.666	1926	1932	1935	rBV	97858	123810	13.11%	1.339%
55	12.696	1935	1937	1941	rVV	21232	22023	2.33%	0.238%
56	12.751	1941	1946	1954	rVB2	75514	108650	11.51%	1.175%
57	12.970	1974	1982	1987	rBV	86313	107471	11.38%	1.162%
58	13.074	1994	1999	2005	rBV4	5609	9475	1.00%	0.102%
59	13.220	2019	2023	2030	rVB	38114	45693	4.84%	0.494%
60	13.342	2038	2043	2049	rVB2	85720	114815	12.16%	1.241%
61	13.598	2081	2085	2087	rBV2	6876	10142	1.07%	0.110%
62	13.629	2087	2090	2096	rVV2	11270	16645	1.76%	0.180%
63	13.714	2096	2104	2112	rVB2	8245	20013	2.12%	0.216%
64	13.830	2116	2123	2130	rBV	62664	78670	8.33%	0.851%
65	14.690	2260	2264	2271	rBV	21253	26261	2.78%	0.284%
66	14.836	2283	2288	2293	rVB	27871	35818	3.79%	0.387%

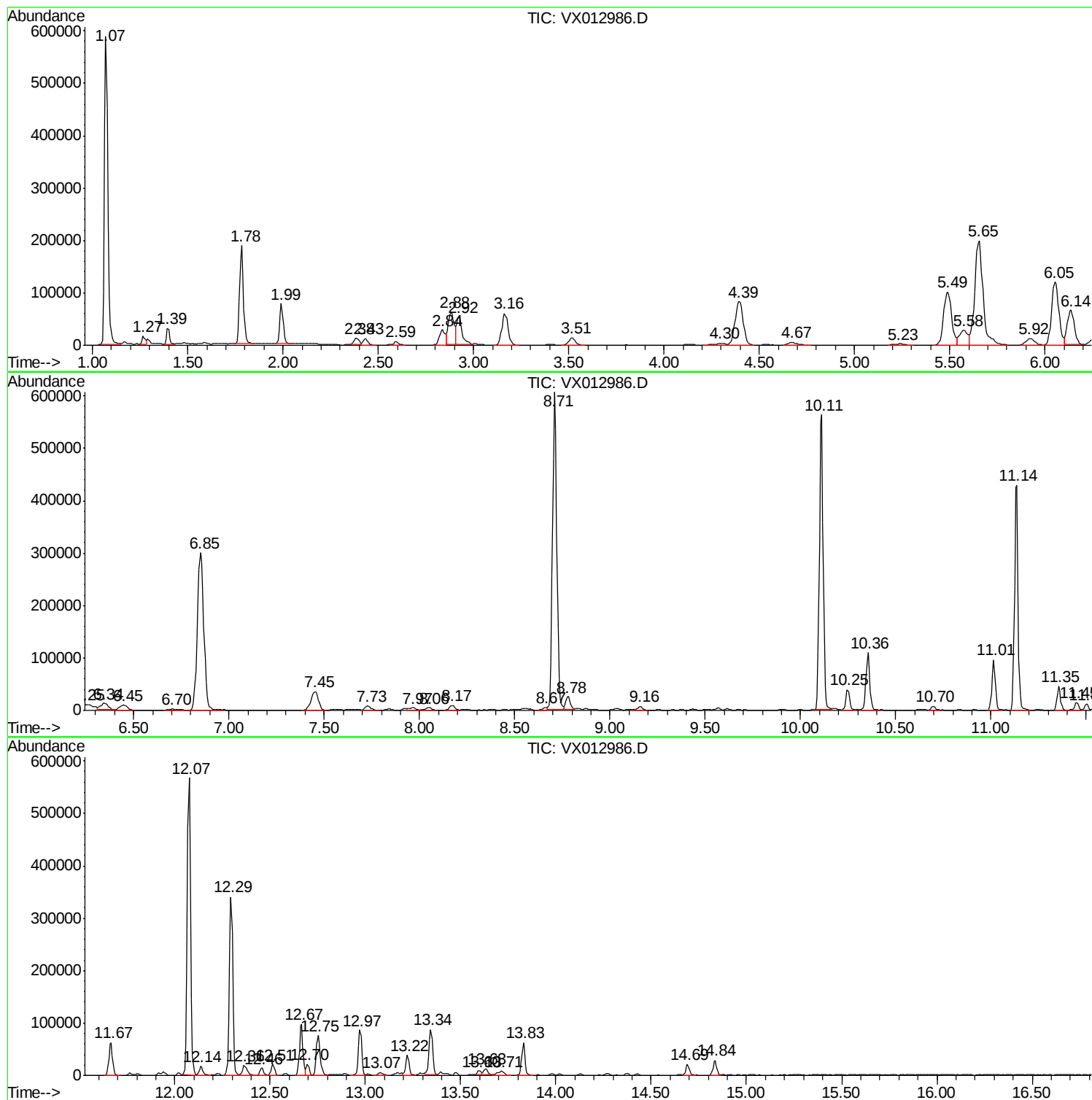
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Quant Title : SW846 8260

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



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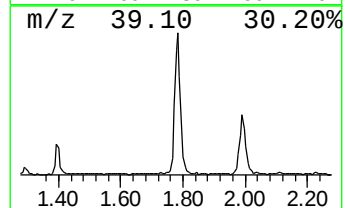
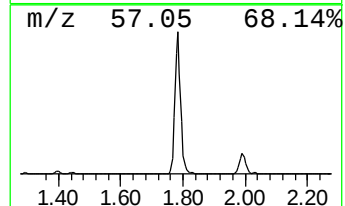
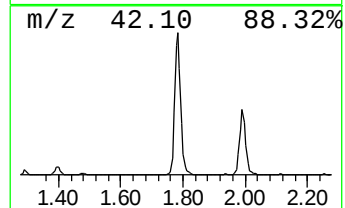
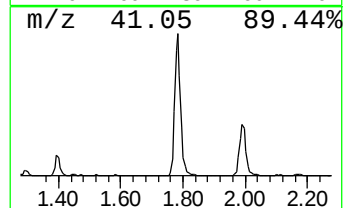
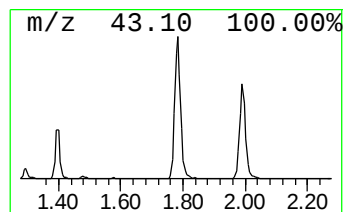
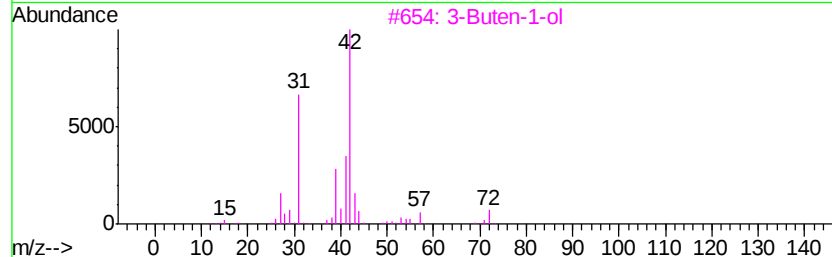
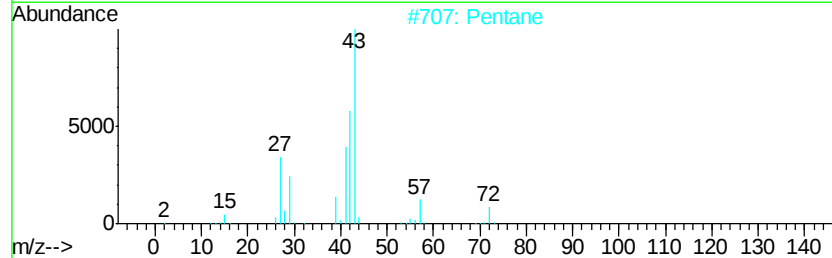
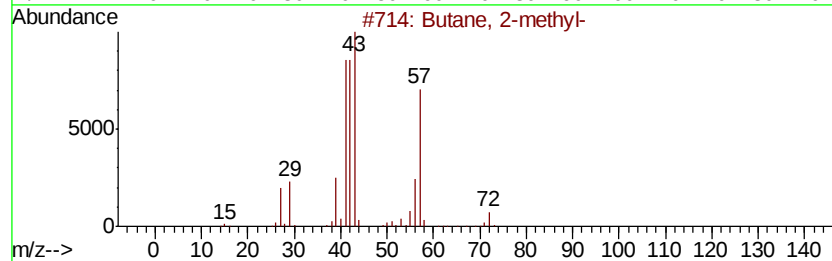
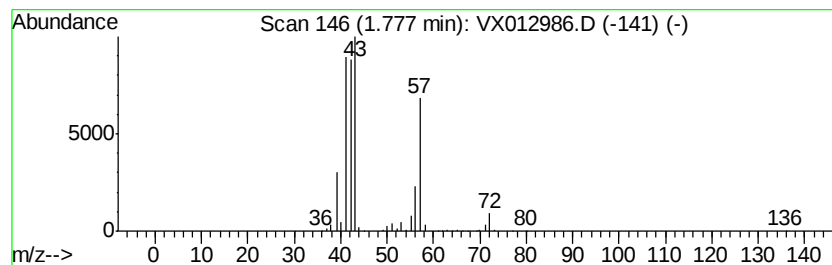
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	21.06 ug/l	256153	Pentafluorobenzene	5.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Pentane	72	C5H12	000109-66-0	45
3		3-Buten-1-ol	72	C4H8O	000627-27-0	28
4		1-Butene	56	C4H8	000106-98-9	10
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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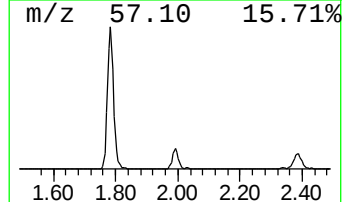
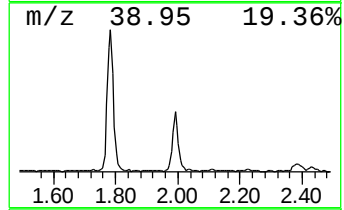
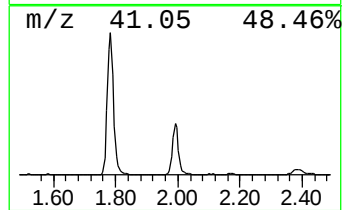
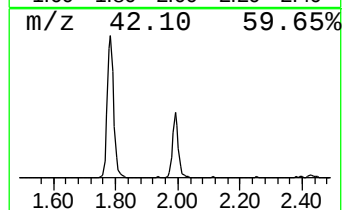
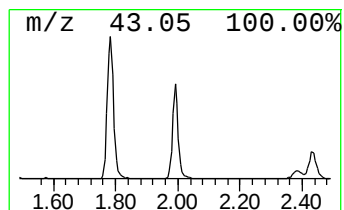
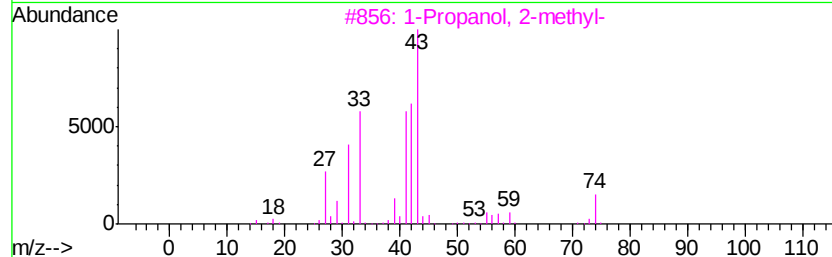
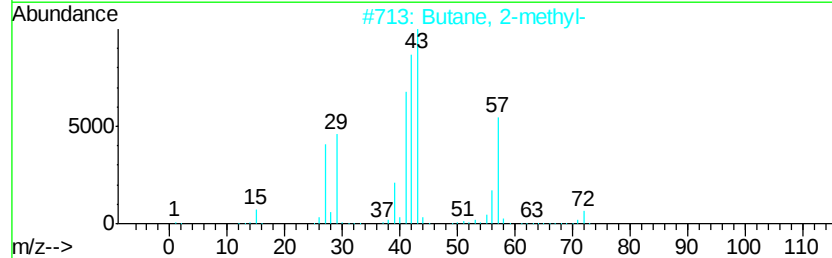
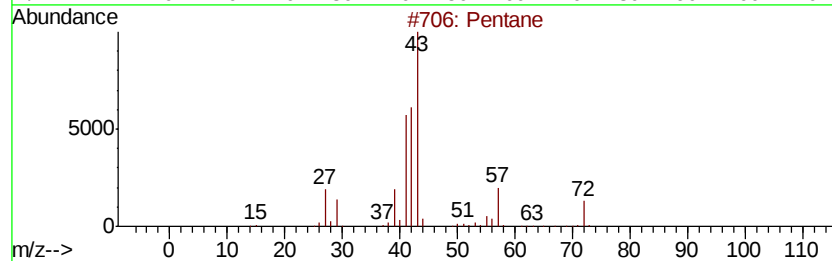
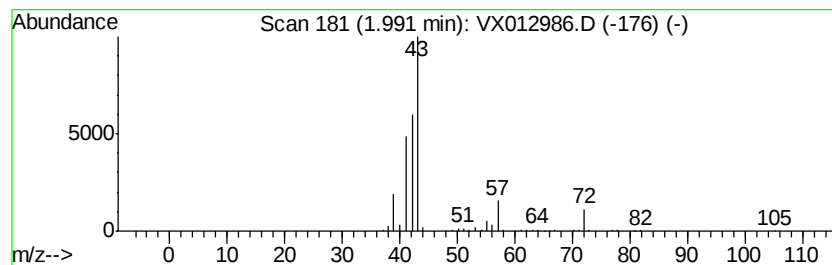
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	8.67 ug/l	105523	Pentafluorobenzene	5.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	91
2			Butane, 2-methyl-	72	C5H12	000078-78-4	9
3			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4			Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
5			Propanal, 2-methyl-	72	C4H8O	000078-84-2	7



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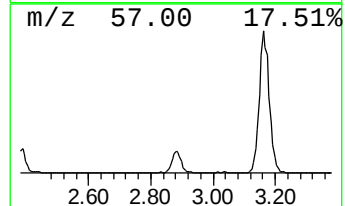
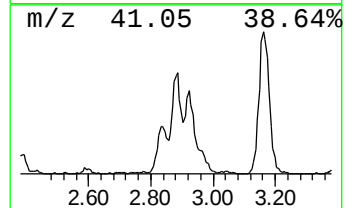
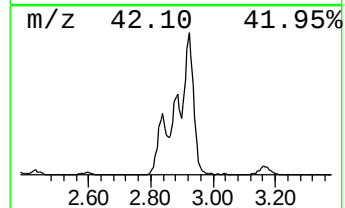
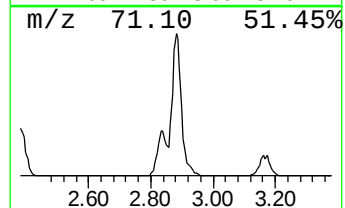
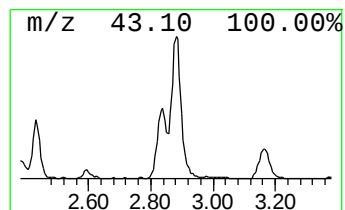
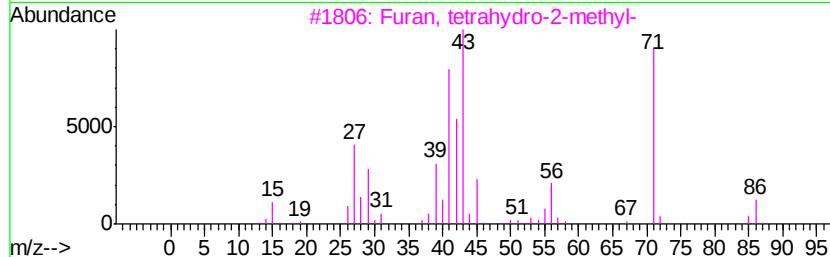
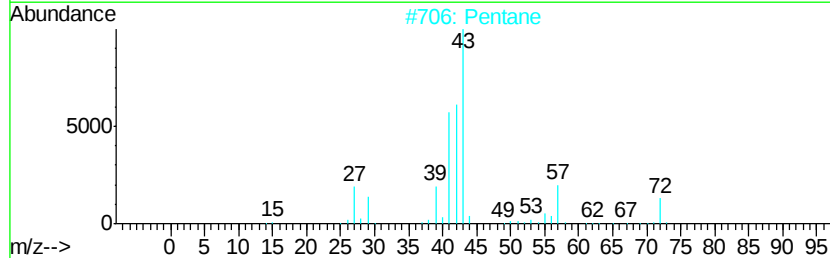
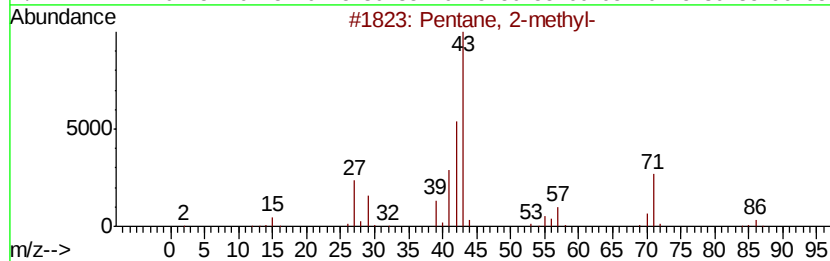
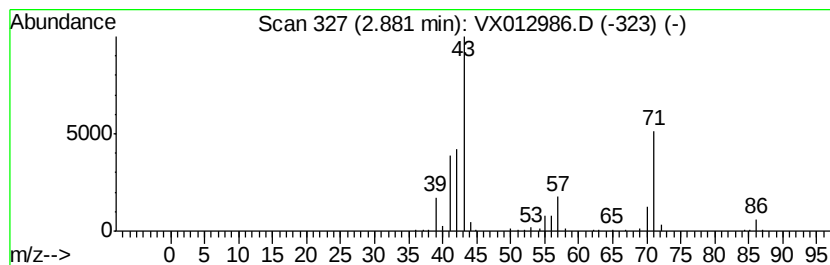
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	10.89 ug/l	132415	Pentafluorobenzene	5.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane	72	C5H12	000109-66-0	47
3		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38



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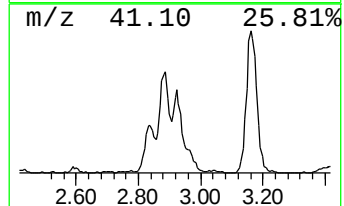
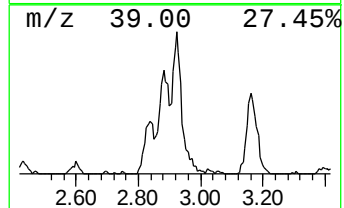
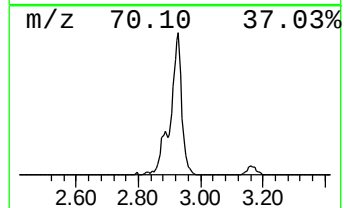
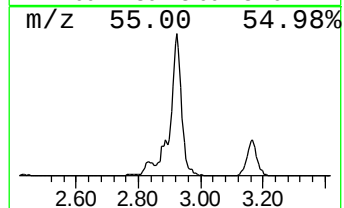
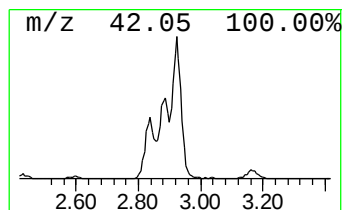
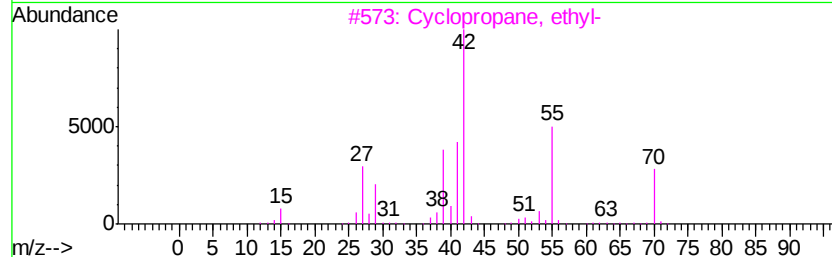
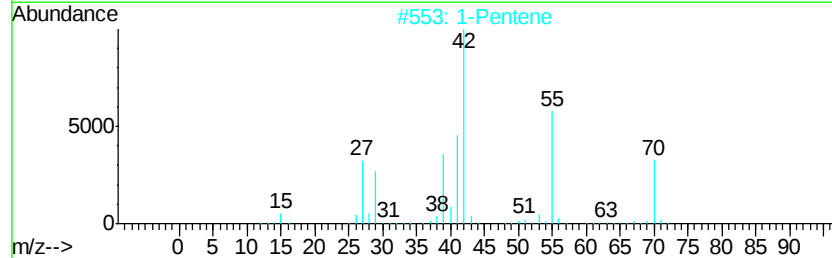
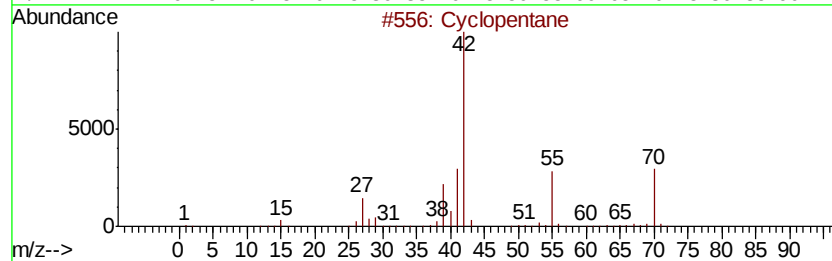
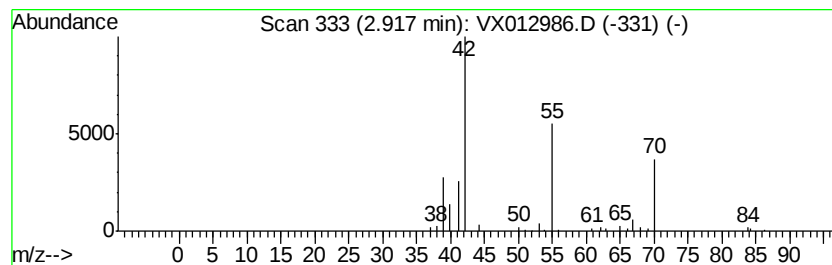
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.47 ug/l	103037	Pentafluorobenzene	5.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane	70	C5H10	000287-92-3	72
2		1-Pentene	70	C5H10	000109-67-1	72
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	9
4		Isobutyronitrile	69	C4H7N	000078-82-0	9
5		2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	9



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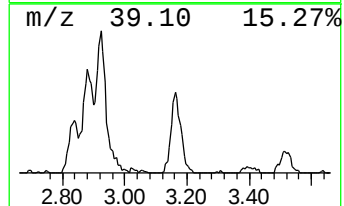
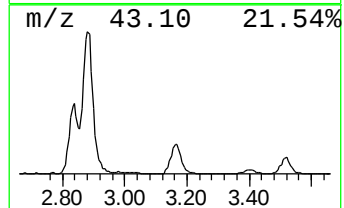
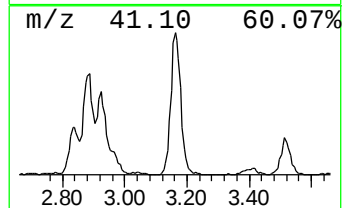
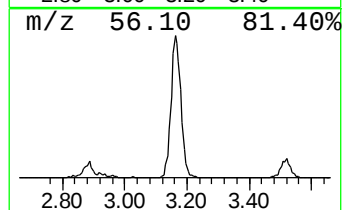
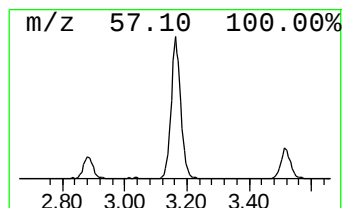
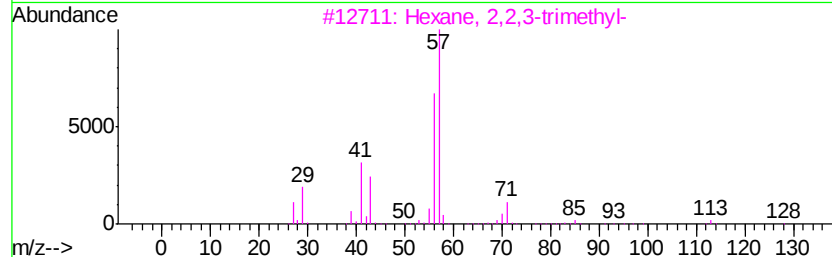
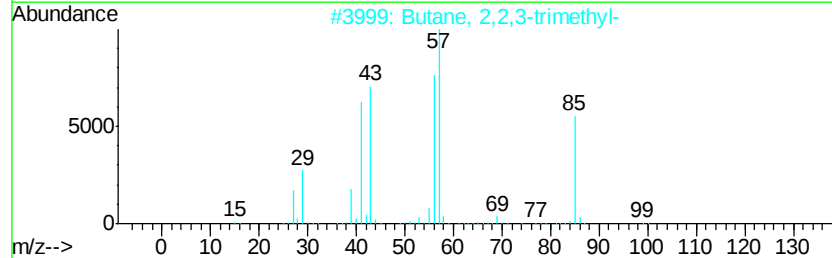
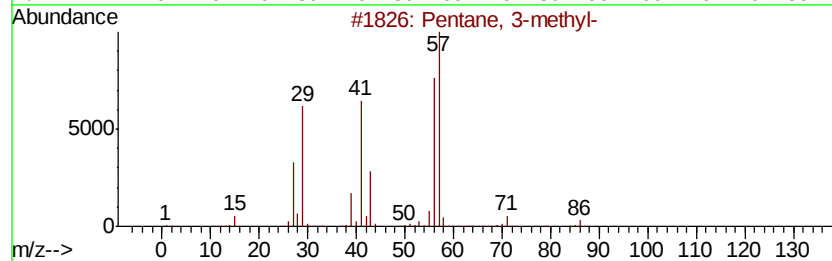
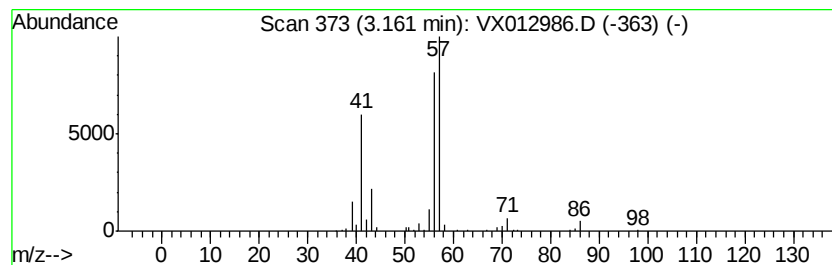
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Quant Title : SW846 8260

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

Peak Number 6 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	11.34 ug/l	137963	Pentafluorobenzene	5.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5		n-Hexane	86	C6H14	000110-54-3	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX012986.D
Acq On : 10 Oct 2019 11:27
Operator : JC/SP
Sample : K5185-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-1

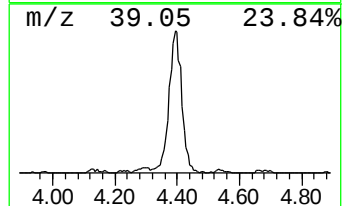
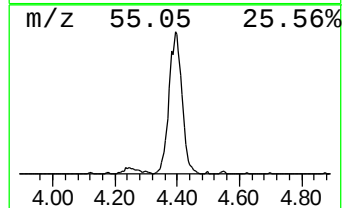
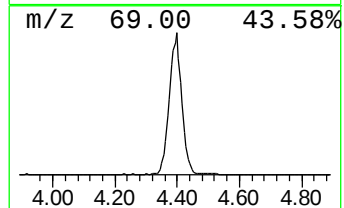
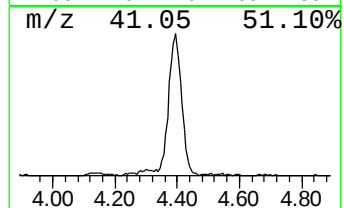
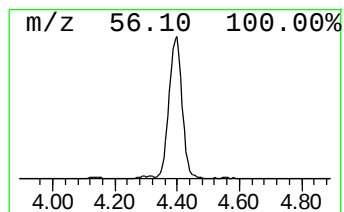
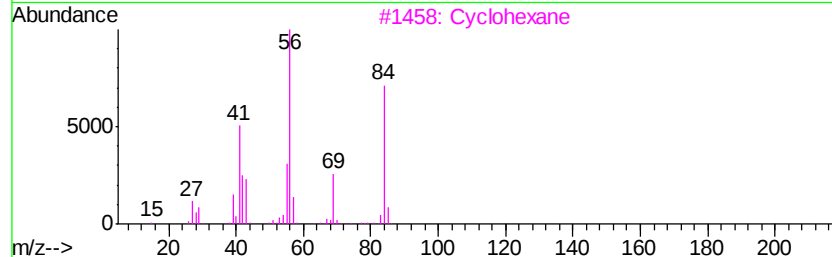
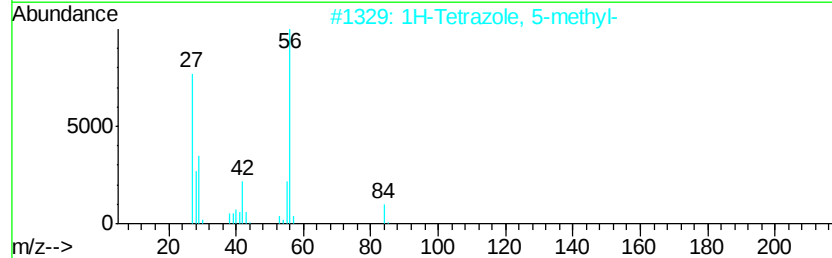
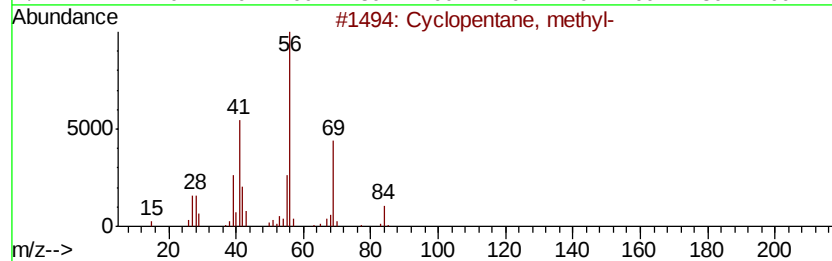
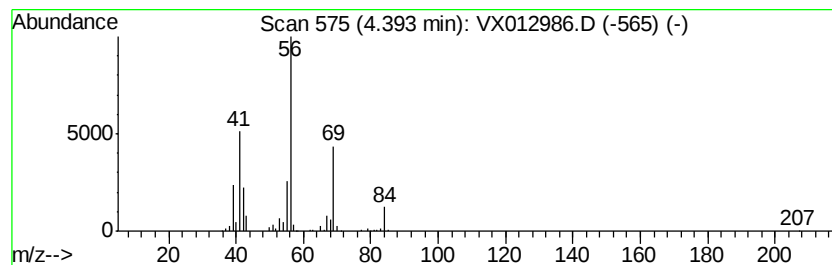
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	20.15 ug/l	245137	Pentafluorobenzene	5.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		Cyclobutane	56	C4H8	000287-23-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX012986.D
Acq On : 10 Oct 2019 11:27
Operator : JC/SP
Sample : K5185-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-1

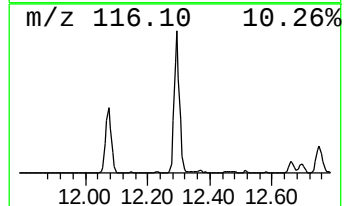
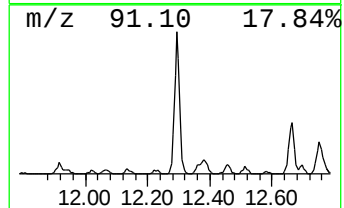
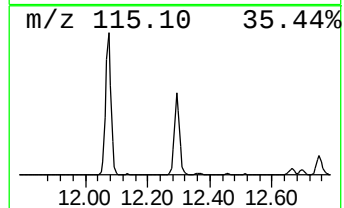
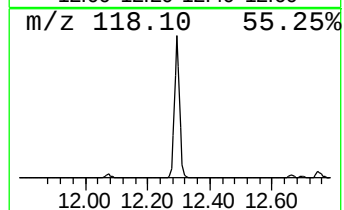
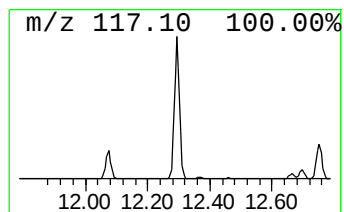
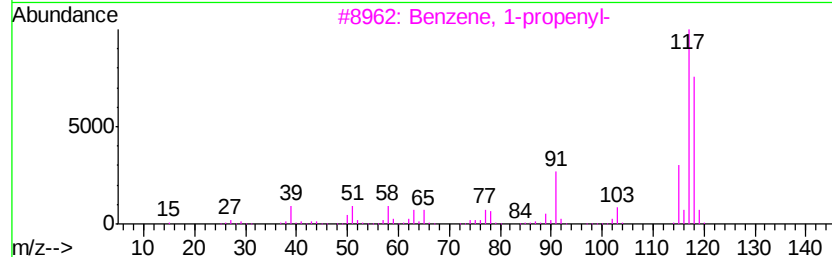
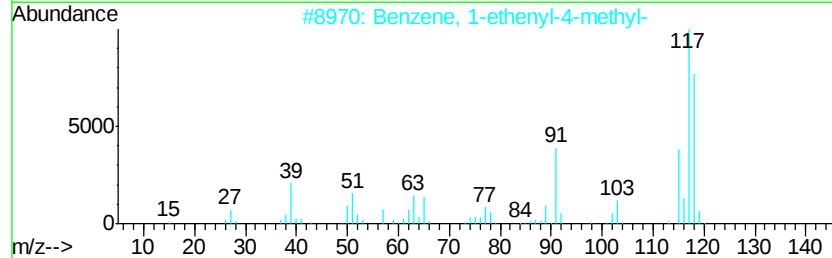
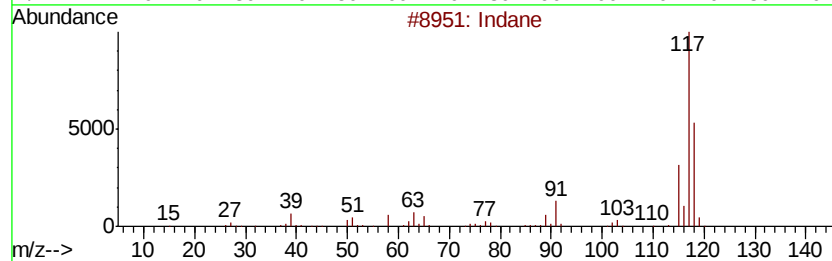
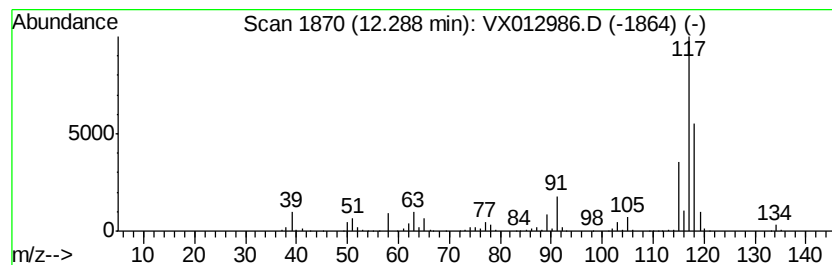
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	31.13 ug/l	429946	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	68
3	Benzene, 1-propenyl-		118	C9H10	000637-50-3	64
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	64
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX012986.D
Acq On : 10 Oct 2019 11:27
Operator : JC/SP
Sample : K5185-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-1

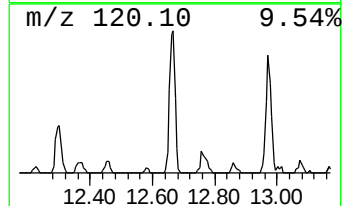
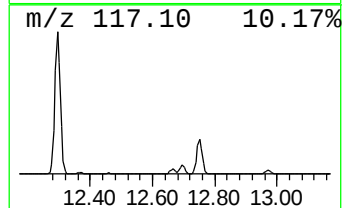
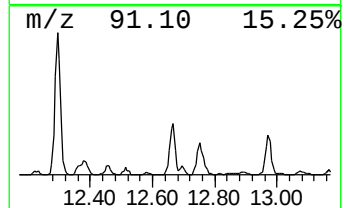
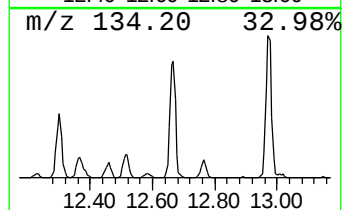
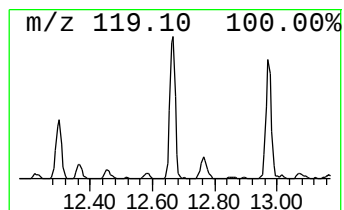
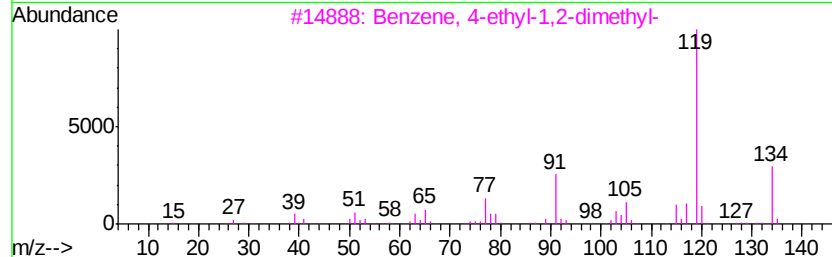
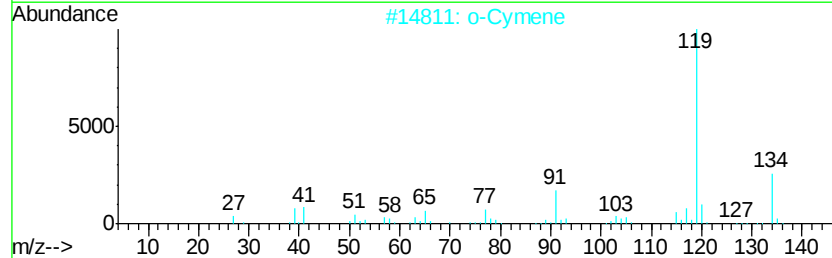
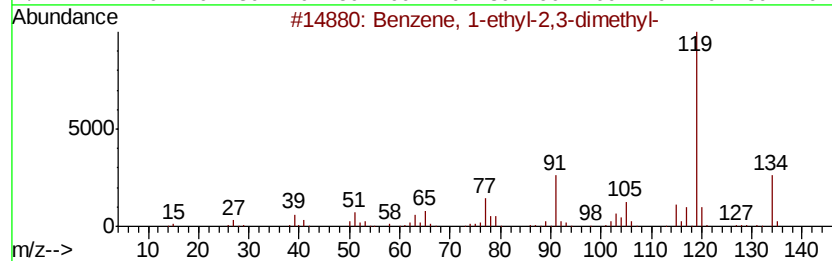
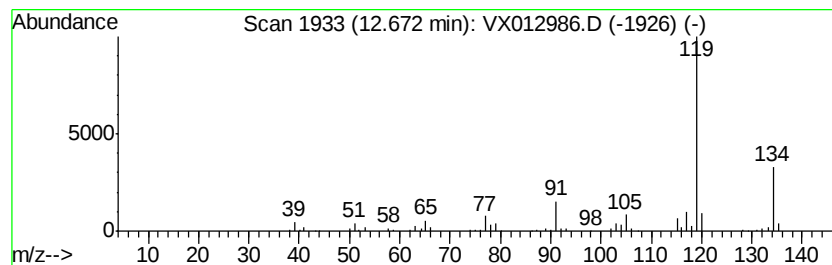
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.97 ug/l	123810	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX012986.D
Acq On : 10 Oct 2019 11:27
Operator : JC/SP
Sample : K5185-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-1

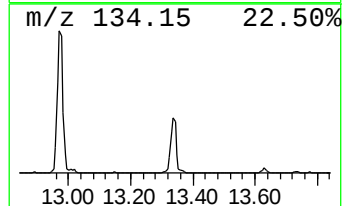
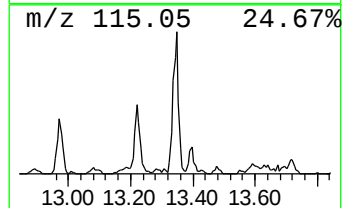
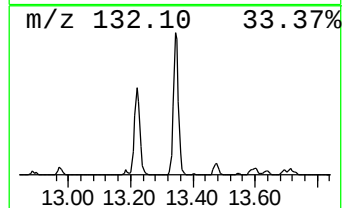
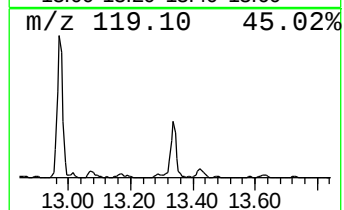
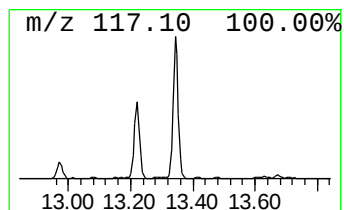
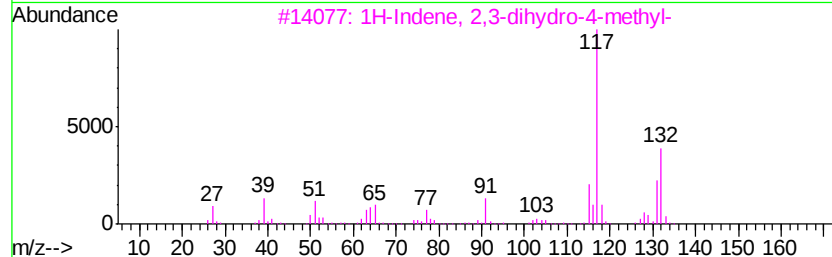
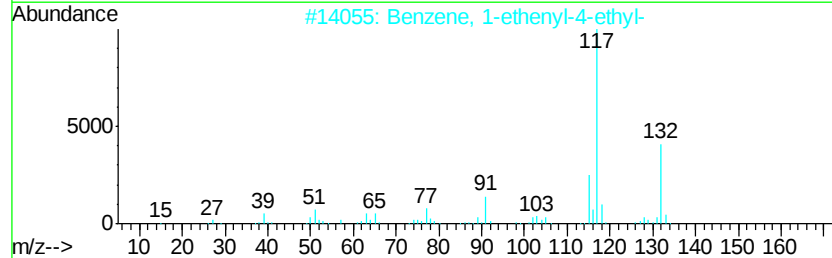
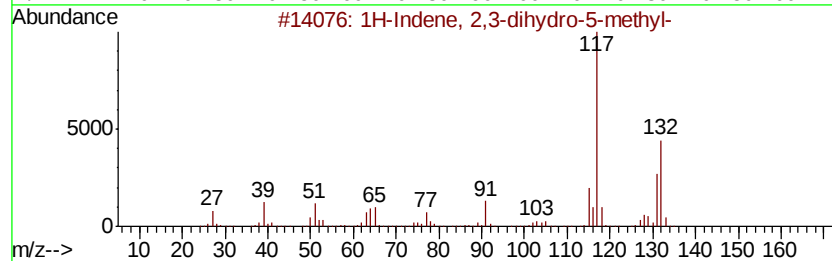
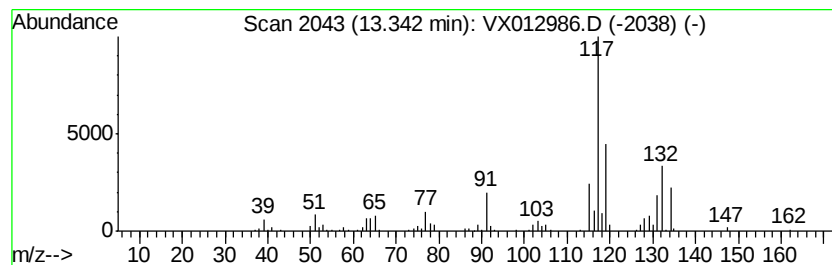
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	8.31 ug/l	114815	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX012986.D
Acq On : 10 Oct 2019 11:27
Operator : JC/SP
Sample : K5185-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.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-	1.78	21.1	ug/l	256153	1	5.65	608218	50.0
Pentane	1.99	8.7	ug/l	105523	1	5.65	608218	50.0
Pentane, 2-methyl-	2.88	10.9	ug/l	132415	1	5.65	608218	50.0
Cyclopentane	2.92	8.5	ug/l	103037	1	5.65	608218	50.0
Pentane, 3-methyl-	3.16	11.3	ug/l	137963	1	5.65	608218	50.0
Cyclopentane, met...	4.39	20.1	ug/l	245137	1	5.65	608218	50.0
Indane	12.29	31.1	ug/l	429946	4	12.07	690501	50.0
Benzene, 1-ethyl-...	12.67	9.0	ug/l	123810	4	12.07	690501	50.0
1H-Indene, 2,3-di...	13.34	8.3	ug/l	114815	4	12.07	690501	50.0