

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010930.D
 Acq On : 17 Jul 2019 12:59
 Operator : JC/SP
 Sample : K3791-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0626

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\82X071619W.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	1.276	16	20	22	rBV	41097	45470	2.54%	0.254%
2	1.300	22	24	34	rVB	32326	37461	2.09%	0.209%
3	1.404	38	41	47	rBV	390785	382587	21.38%	2.135%
4	1.794	99	105	115	rVB	486524	699371	39.09%	3.903%
5	2.001	134	139	151	rVB	297400	415262	23.21%	2.317%
6	2.398	195	204	209	rBV	21945	45457	2.54%	0.254%
7	2.849	271	278	281	rBV3	28565	65647	3.67%	0.366%
8	2.891	281	285	288	rVV	69271	133390	7.45%	0.744%
9	2.934	288	292	303	rVB	78558	164716	9.21%	0.919%
10	3.172	322	331	345	rBV	71635	166997	9.33%	0.932%
11	3.525	381	389	401	rBV2	25412	59816	3.34%	0.334%
12	4.403	522	533	548	rVB2	189095	558560	31.22%	3.117%
13	5.238	660	670	678	rBV6	6416	23377	1.31%	0.130%
14	5.501	698	713	720	rBV	131334	375691	21.00%	2.097%
15	5.580	720	726	732	rVV2	76845	221978	12.41%	1.239%
16	5.659	732	739	750	rVB	198940	559940	31.29%	3.125%
17	5.940	773	785	796	rBV5	28690	101584	5.68%	0.567%
18	6.062	796	805	817	rBV	125772	329698	18.43%	1.840%
19	6.263	828	838	846	rBV6	18672	62294	3.48%	0.348%
20	6.360	848	854	862	rVV3	20225	55339	3.09%	0.309%
21	6.452	862	869	881	rVB2	21737	61533	3.44%	0.343%
22	6.860	925	936	948	rBV	333165	781719	43.69%	4.362%
23	7.464	1023	1035	1044	rVB	82804	203725	11.39%	1.137%
24	7.634	1058	1063	1072	rVV3	10431	24541	1.37%	0.137%
25	7.732	1072	1079	1088	rVV2	20245	40723	2.28%	0.227%
26	7.848	1090	1098	1106	rVB4	11442	24235	1.35%	0.135%
27	8.025	1122	1127	1141	rVB7	6212	18711	1.05%	0.104%
28	8.384	1181	1186	1192	rVB5	9319	18452	1.03%	0.103%
29	8.665	1226	1232	1234	rBV3	14342	23197	1.30%	0.129%
30	8.713	1234	1240	1250	rVB	705525	1084611	60.62%	6.053%
31	8.835	1255	1260	1265	rBV2	11225	18273	1.02%	0.102%
32	9.037	1288	1293	1300	rVB2	22383	35856	2.00%	0.200%
33	9.165	1305	1314	1320	rBV3	11752	22824	1.28%	0.127%
34	9.567	1374	1380	1385	rBV5	11366	22748	1.27%	0.127%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	9.622	1385	1389	1394	rVB	15818	21465	1.20%	0.120%
36	9.677	1394	1398	1402	rBV	16334	24730	1.38%	0.138%
37	10.110	1463	1469	1477	rBV	695184	936415	52.33%	5.226%
38	10.183	1477	1481	1486	rVB	14777	22095	1.23%	0.123%
39	10.250	1486	1492	1498	rBV	489922	628975	35.15%	3.510%
40	10.360	1501	1510	1517	rBV	1266617	1789283	100.00%	9.985%
41	10.646	1549	1557	1563	rBV6	14877	44089	2.46%	0.246%
42	10.908	1593	1600	1608	rBV7	11041	23307	1.30%	0.130%
43	11.018	1613	1618	1622	rBV	121146	154112	8.61%	0.860%
44	11.134	1632	1637	1642	rBV	618032	759021	42.42%	4.236%
45	11.359	1669	1674	1681	rVV	117783	148700	8.31%	0.830%
46	11.432	1681	1686	1693	rVV	451644	812766	45.42%	4.536%
47	11.506	1693	1698	1706	rVB	448969	557158	31.14%	3.109%
48	11.664	1716	1724	1733	rBV	337694	424760	23.74%	2.370%
49	11.804	1743	1747	1753	rVB	714243	844404	47.19%	4.712%
50	11.914	1758	1765	1767	rVV2	14661	23360	1.31%	0.130%
51	11.945	1767	1770	1775	rVV	21659	27524	1.54%	0.154%
52	12.024	1777	1783	1786	rVV	49754	60800	3.40%	0.339%
53	12.073	1786	1791	1797	rVV	742219	967954	54.10%	5.402%
54	12.140	1797	1802	1812	rVV	505347	607638	33.96%	3.391%
55	12.231	1812	1817	1822	rVB	15621	22409	1.25%	0.125%
56	12.298	1822	1828	1831	rBV2	145012	203198	11.36%	1.134%
57	12.371	1835	1840	1849	rVB2	73241	115193	6.44%	0.643%
58	12.457	1849	1854	1860	rBV2	12990	19697	1.10%	0.110%
59	12.518	1860	1864	1869	rVB	31957	40467	2.26%	0.226%
60	12.585	1869	1875	1877	rBV	37030	53271	2.98%	0.297%
61	12.609	1877	1879	1884	rVV	42402	47939	2.68%	0.268%
62	12.664	1884	1888	1891	rVV	62013	74102	4.14%	0.414%
63	12.701	1891	1894	1899	rVV3	19167	33255	1.86%	0.186%
64	12.755	1899	1903	1911	rVV2	51490	105515	5.90%	0.589%
65	12.871	1915	1922	1923	rVV6	9484	23153	1.29%	0.129%
66	12.902	1923	1927	1932	rVB2	40751	56832	3.18%	0.317%
67	12.975	1932	1939	1942	rBV	51541	73760	4.12%	0.412%
68	13.018	1942	1946	1953	rVB	86580	108562	6.07%	0.606%
69	13.079	1953	1956	1962	rBV3	14326	25738	1.44%	0.144%
70	13.225	1976	1980	1983	rVB2	19073	23748	1.33%	0.133%
71	13.341	1995	1999	2005	rVB2	139526	198513	11.09%	1.108%

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Title : SW846 8260

72	13.475	2015	2021	2029	rVB	77072	112844	6.31%	0.630%
73	13.639	2044	2048	2052	rBV3	19205	32309	1.81%	0.180%
74	13.719	2059	2061	2067	rVB2	17094	24668	1.38%	0.138%
75	13.835	2071	2080	2088	rBV	292734	404057	22.58%	2.255%
76	13.987	2097	2105	2108	rBV3	18312	33512	1.87%	0.187%
77	14.280	2147	2153	2159	rVB4	18447	38899	2.17%	0.217%
78	14.536	2191	2195	2204	rBV3	18971	29869	1.67%	0.167%
79	14.694	2215	2221	2225	rBV	100759	127384	7.12%	0.711%
80	14.834	2239	2244	2253	rVB	80363	106353	5.94%	0.593%
81	15.688	2375	2384	2387	rBV4	9342	20046	1.12%	0.112%

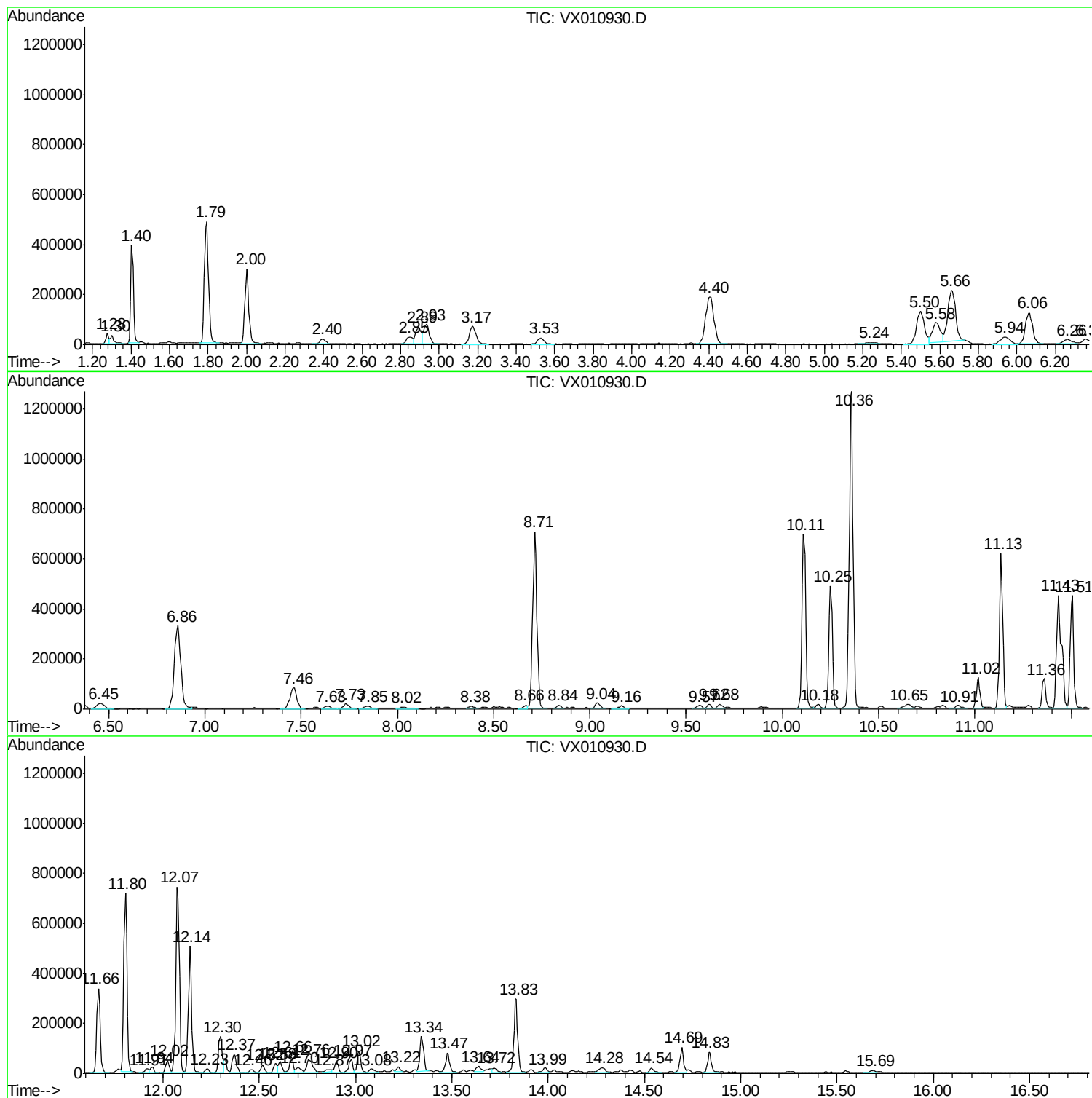
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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



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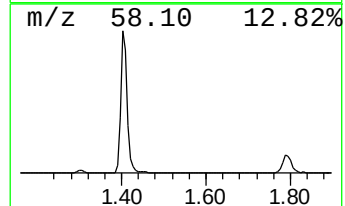
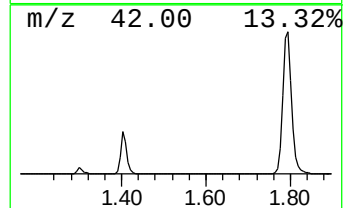
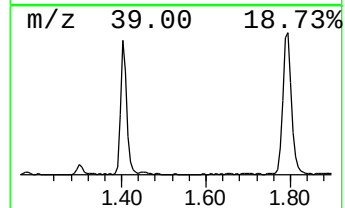
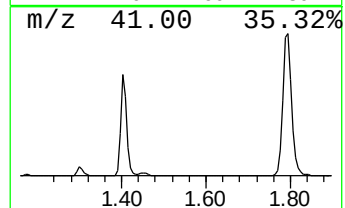
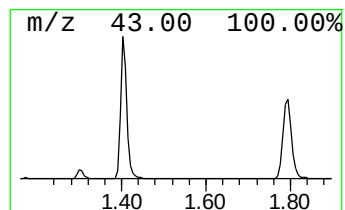
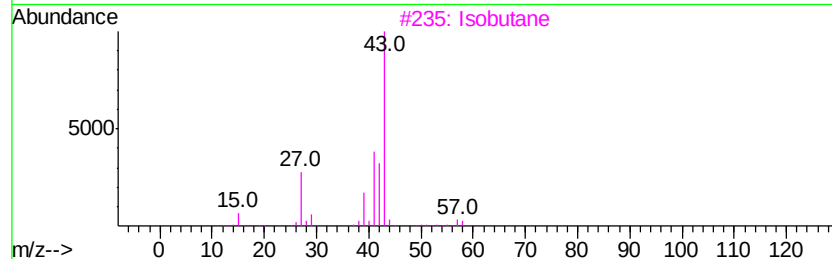
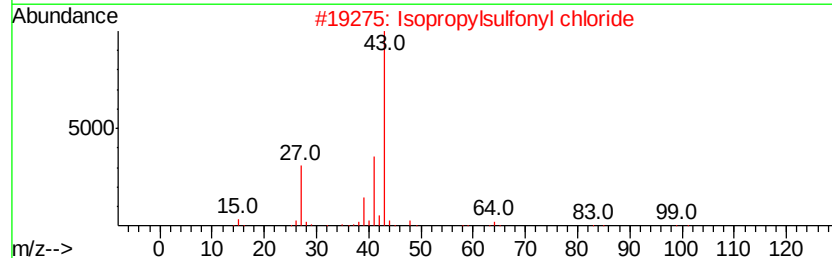
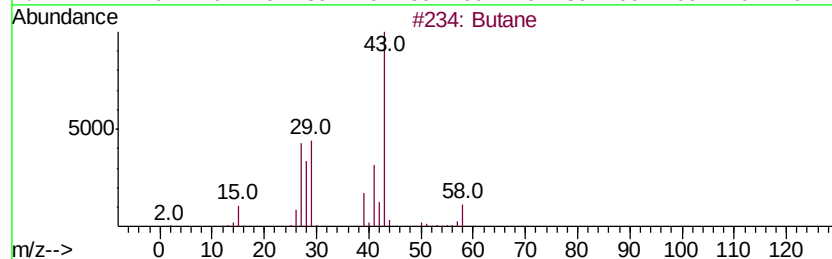
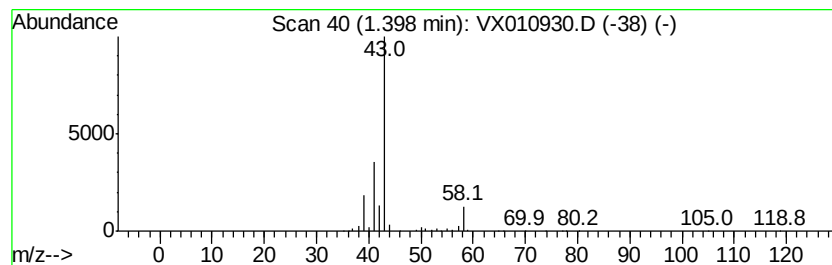
Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.40	34.16 ug/l	382587	Pentafluorobenzene	5.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4



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ALS Vial : 9 Sample Multiplier: 1

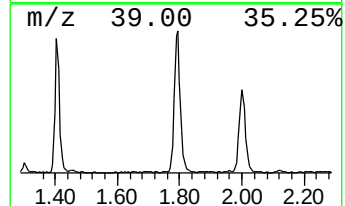
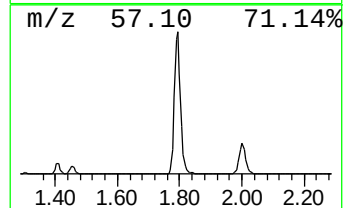
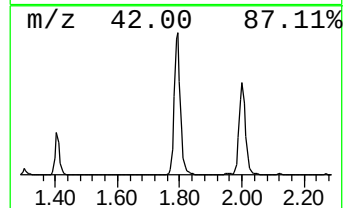
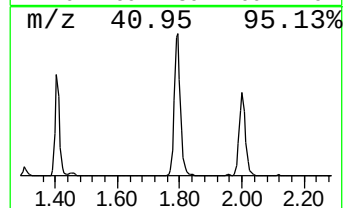
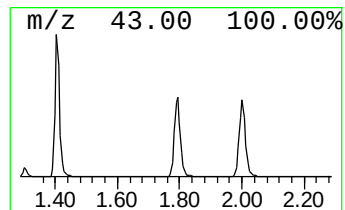
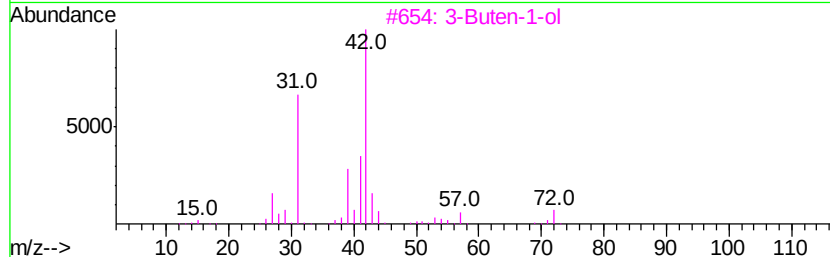
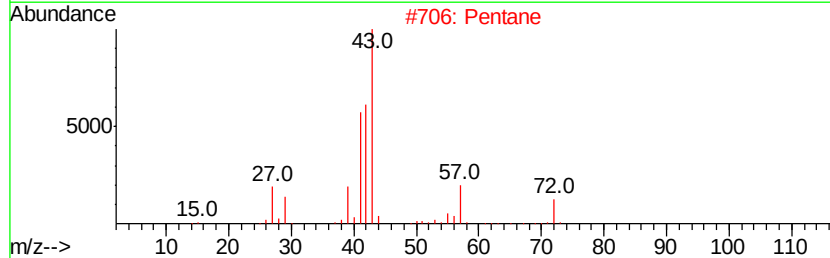
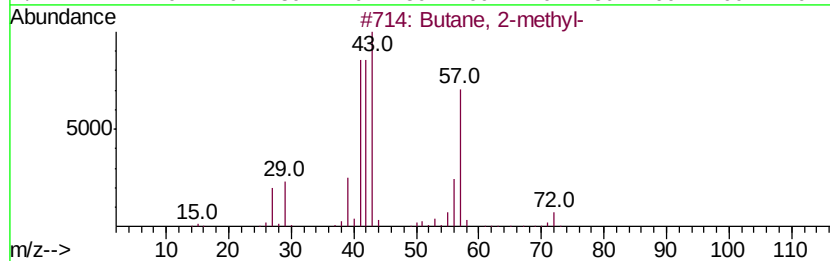
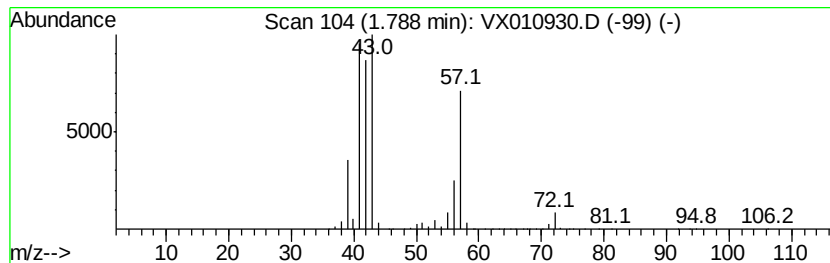
Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.79	62.45 ug/l	699371	Pentafluorobenzene	5.67		
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	37
3		3-Buten-1-ol	72	C4H8O	000627-27-0	28
4		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5		Azetidine	57	C3H7N	000503-29-7	9



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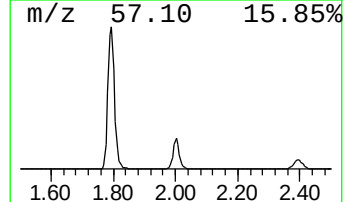
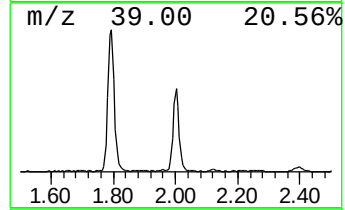
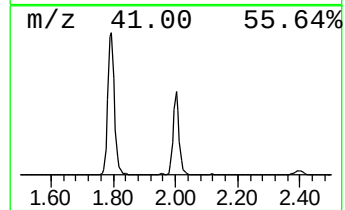
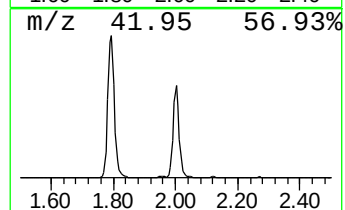
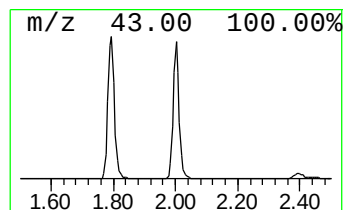
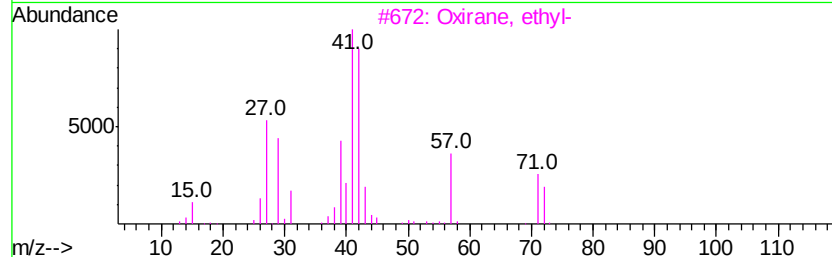
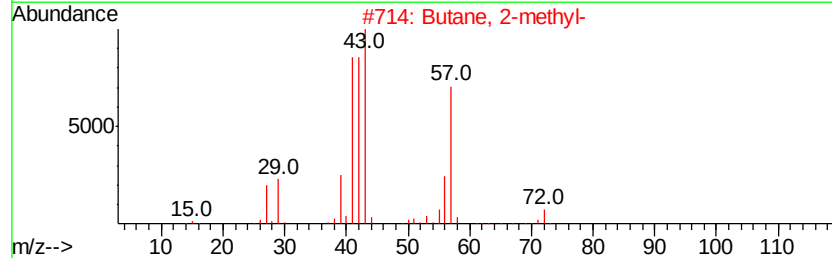
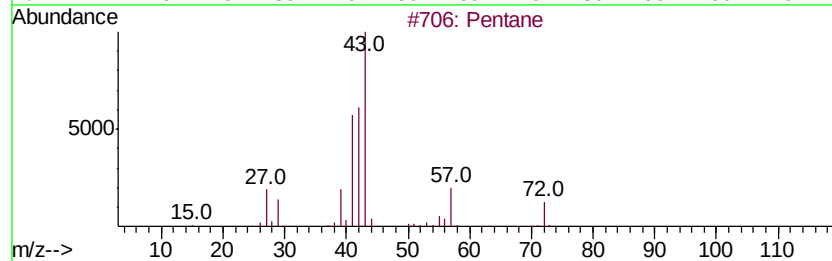
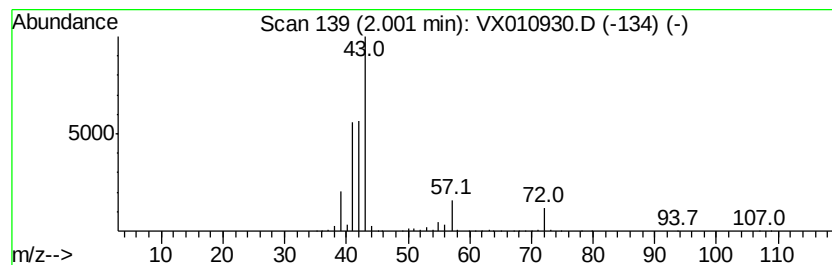
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	37.08 ug/l	415262	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	53
3		Oxirane, ethyl-	72	C4H8O	000106-88-7	50
4		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
5		2-Butanone	72	C4H8O	000078-93-3	9



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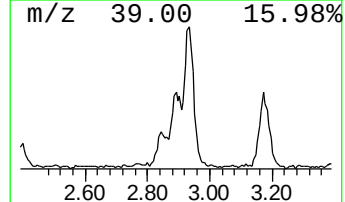
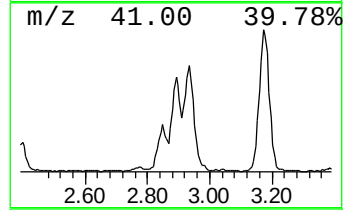
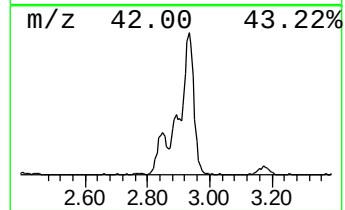
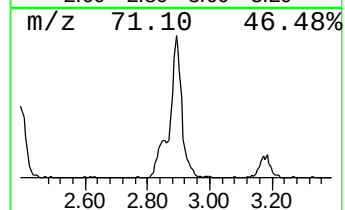
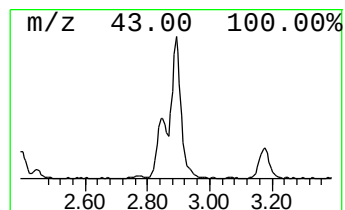
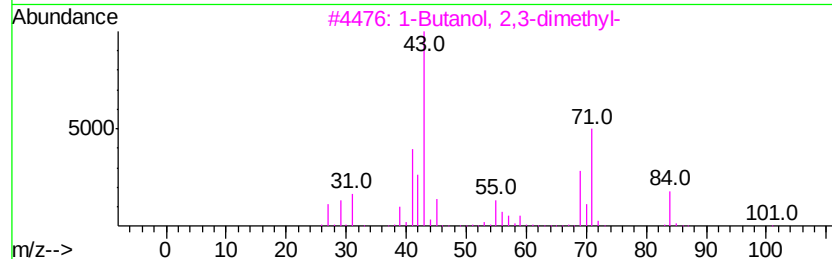
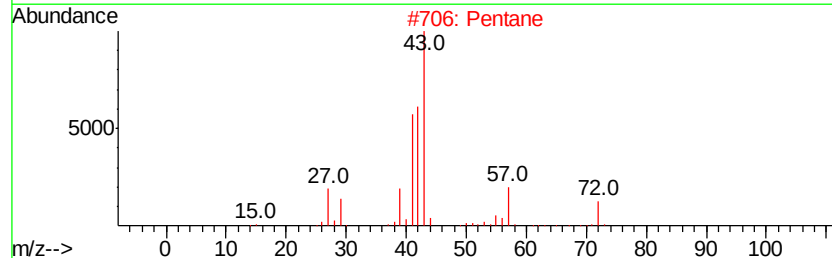
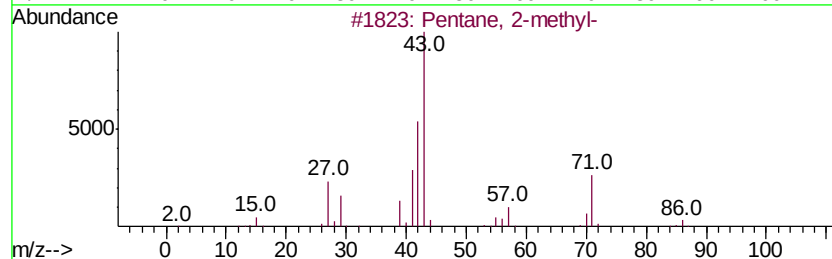
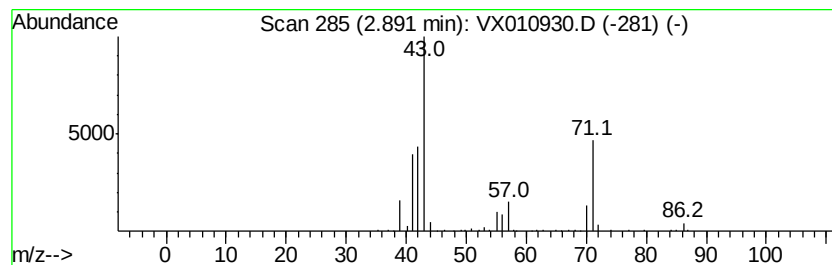
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Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	11.91 ug/l	133390	Pentafluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane	72	C5H12	000109-66-0	43
3			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
4			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	37
5			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0626

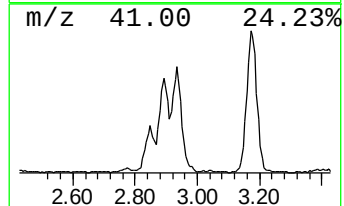
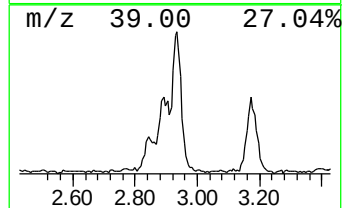
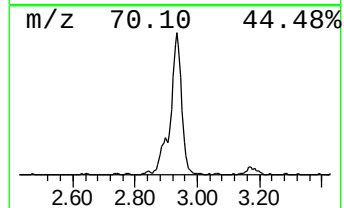
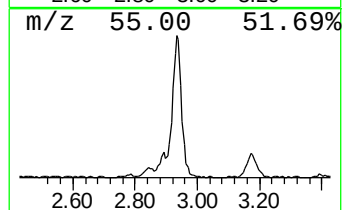
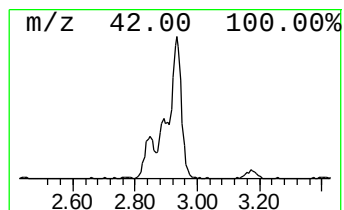
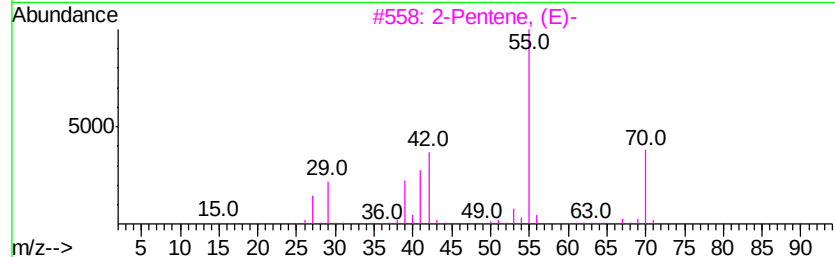
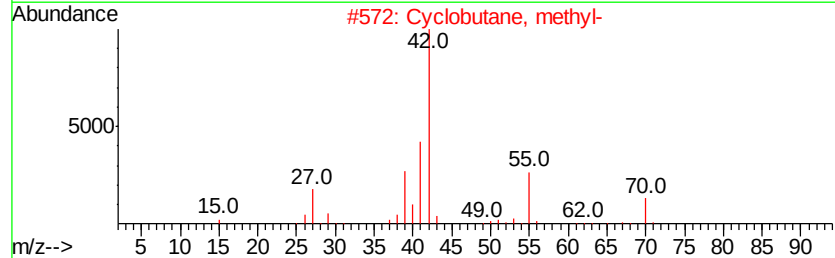
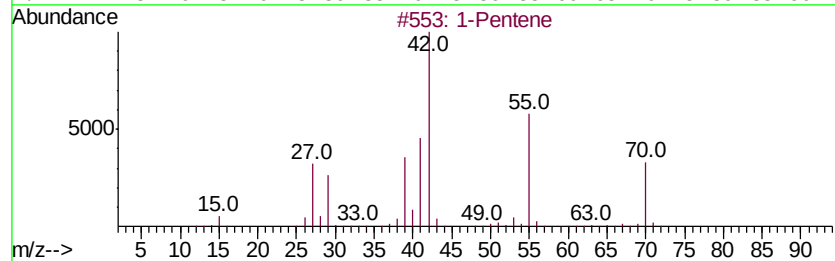
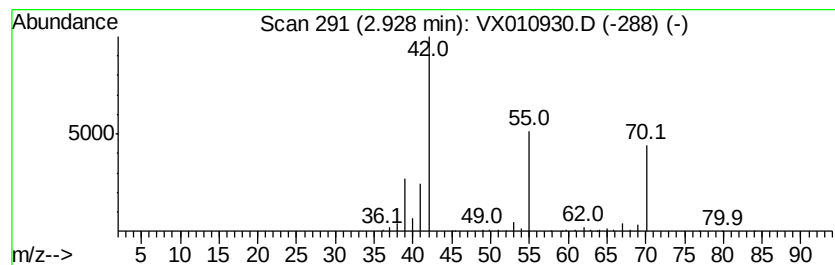
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Quant Title : SW846 8260

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

Peak Number 5 1-Pentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	14.71 ug/l	164716	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	72
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	56
3		2-Pentene, (E)-	70	C5H10	000646-04-8	47
4		2-Pentene	70	C5H10	000109-68-2	43
5		2-Pentene, (Z)-	70	C5H10	000627-20-3	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0626

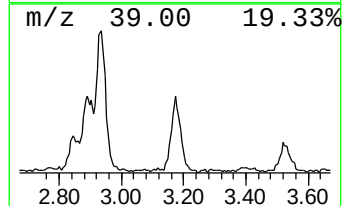
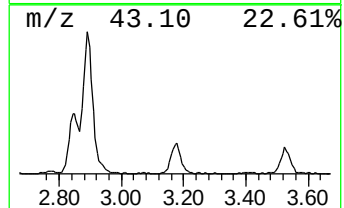
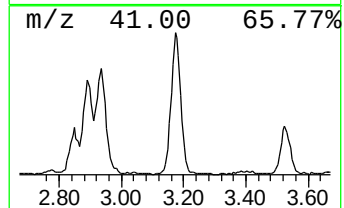
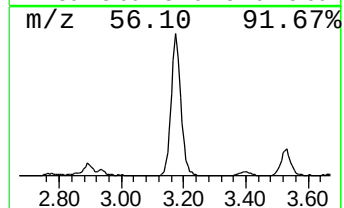
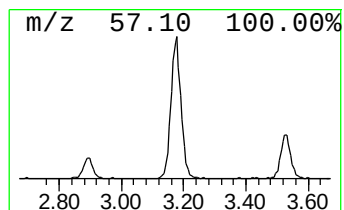
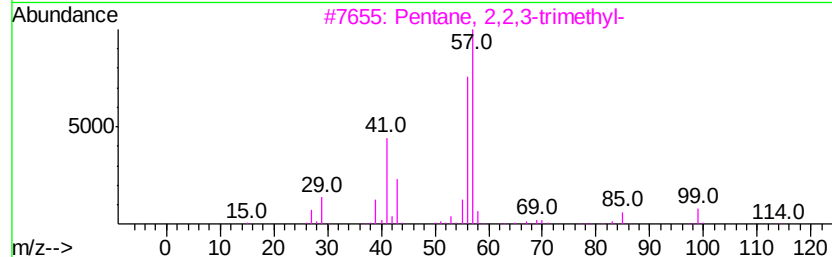
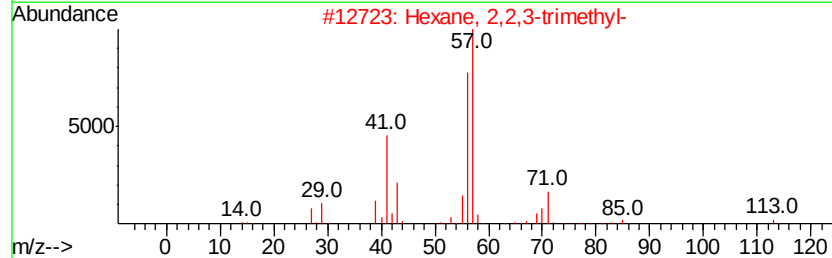
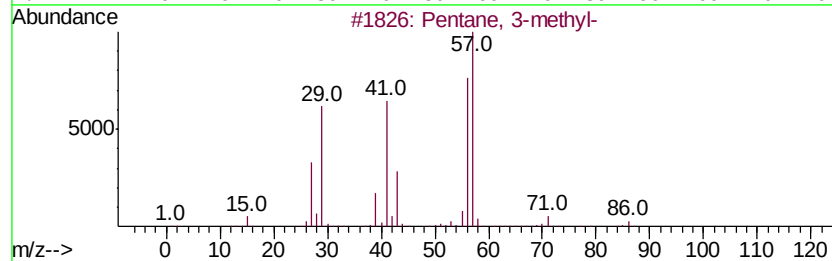
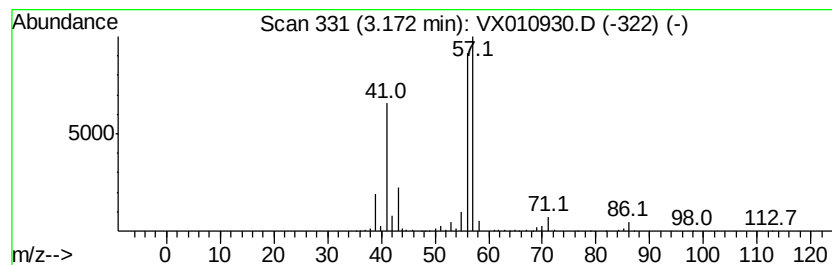
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Quant Title : SW846 8260

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

Peak Number 6 Pentane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	14.91 ug/l	166997	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0626

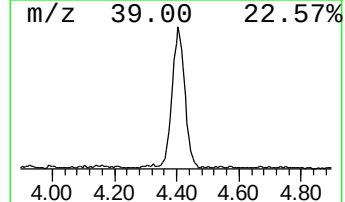
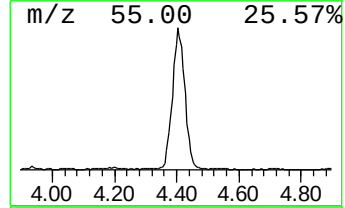
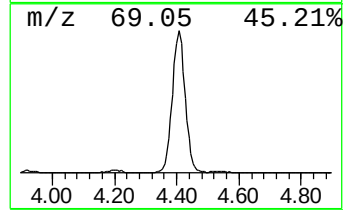
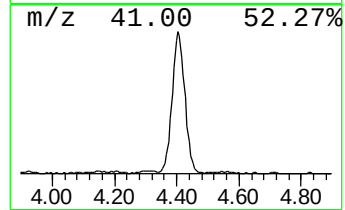
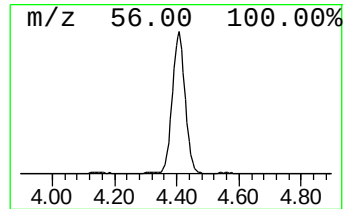
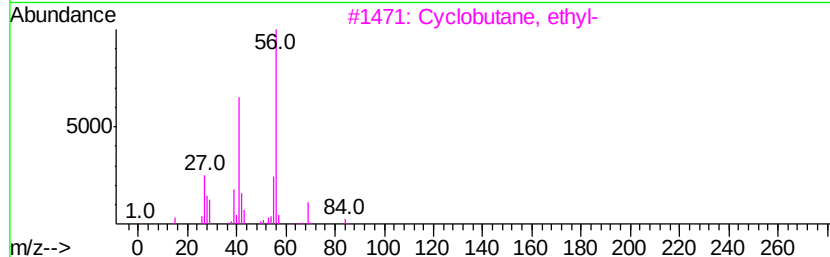
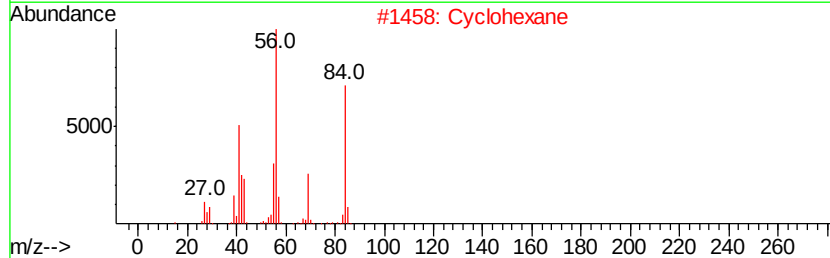
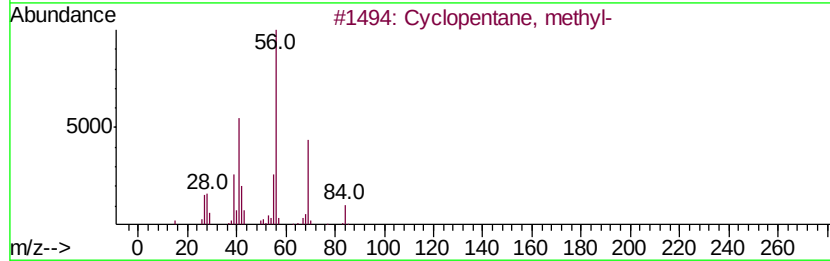
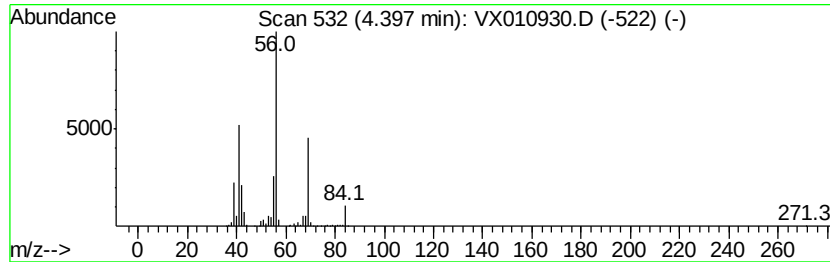
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	49.88 ug/l	558560	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclohexane	84	C6H12	000110-82-7	78
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	53
5		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

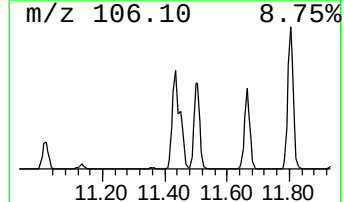
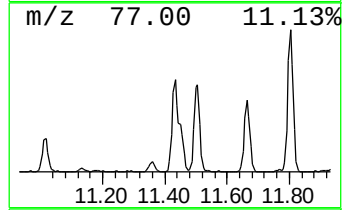
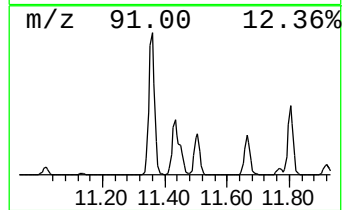
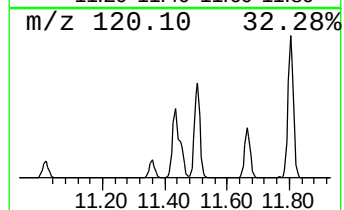
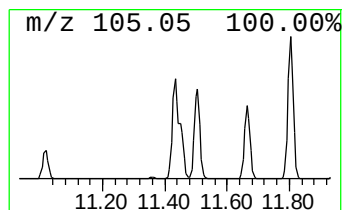
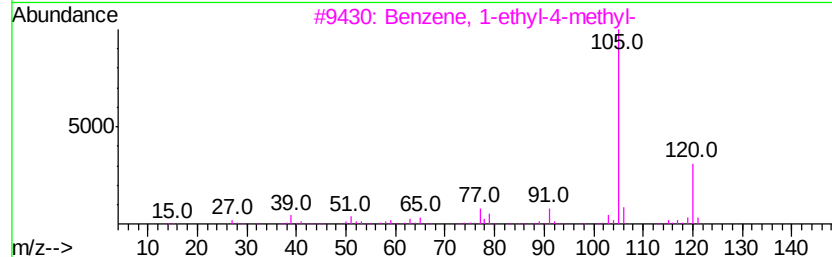
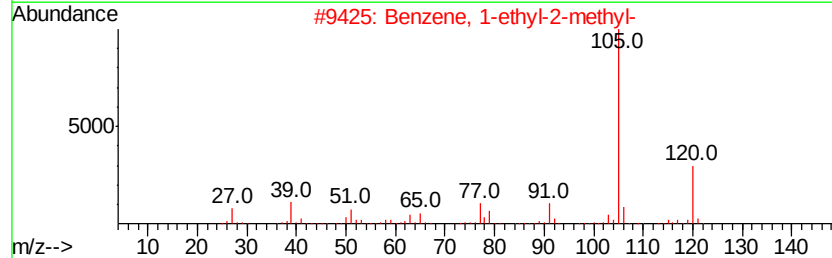
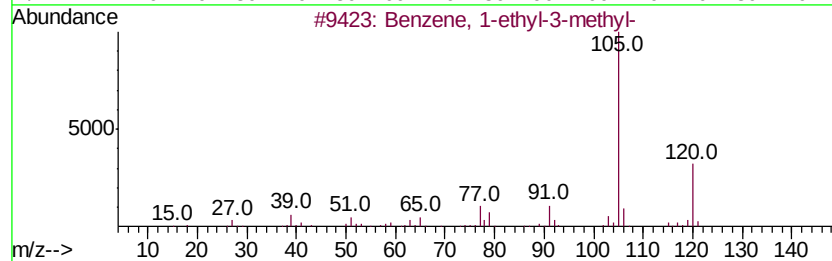
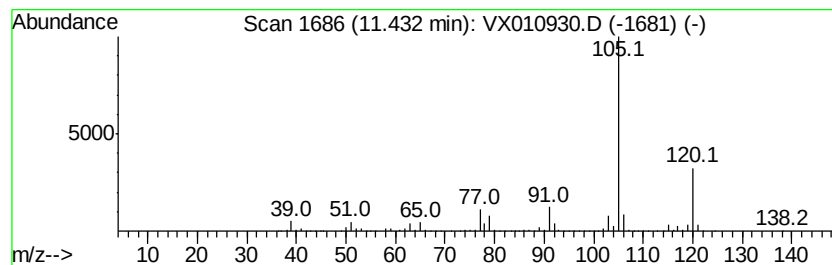
Instrument :
MSVOA_X
ClientSampled :
FL-0626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	41.98 ug/l	812766	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
3		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

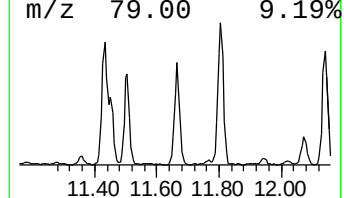
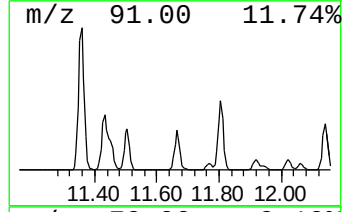
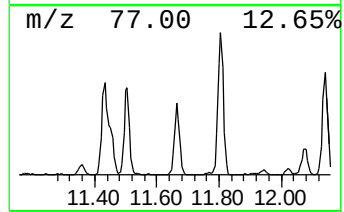
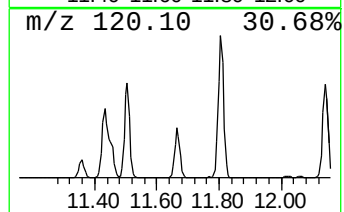
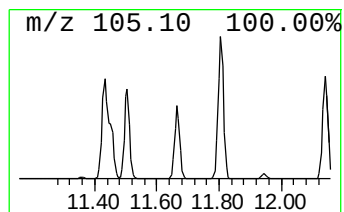
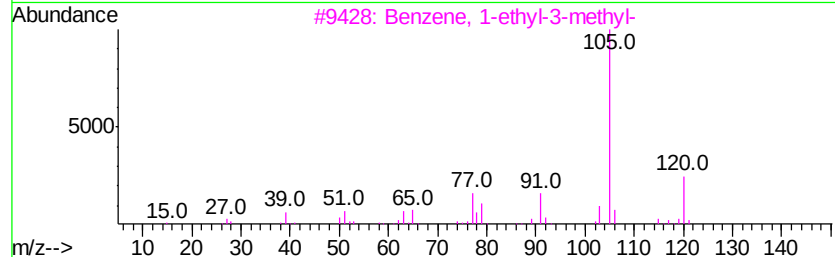
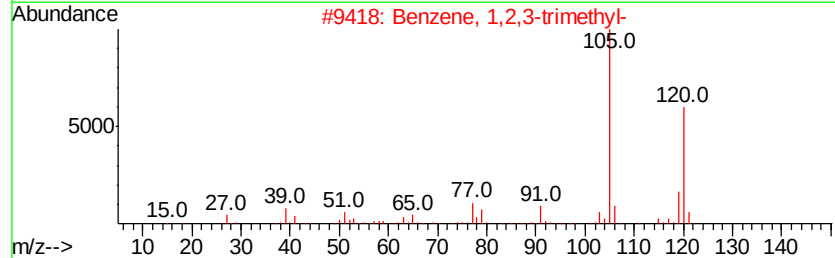
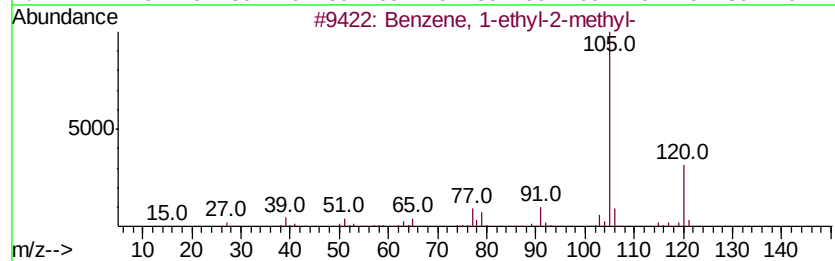
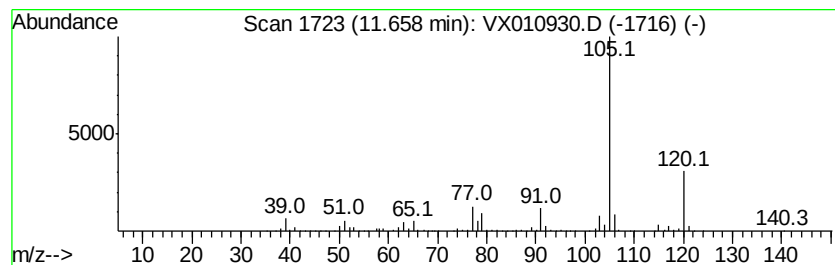
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	21.94 ug/l	424760	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	91
4	Mesitylene	120 C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

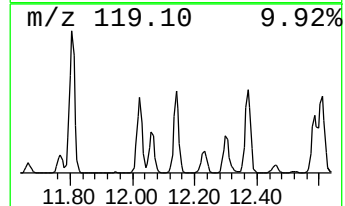
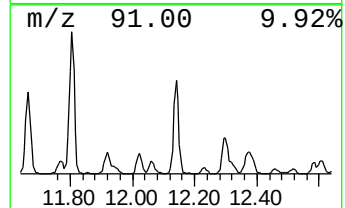
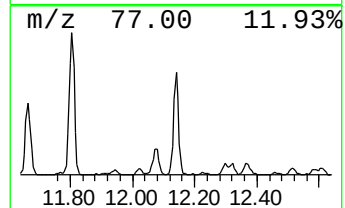
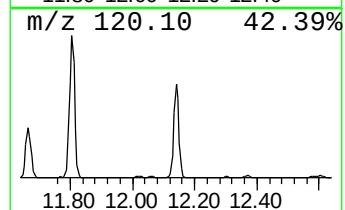
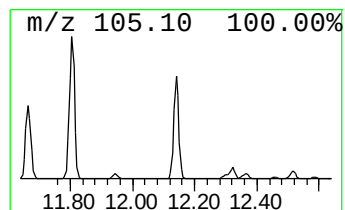
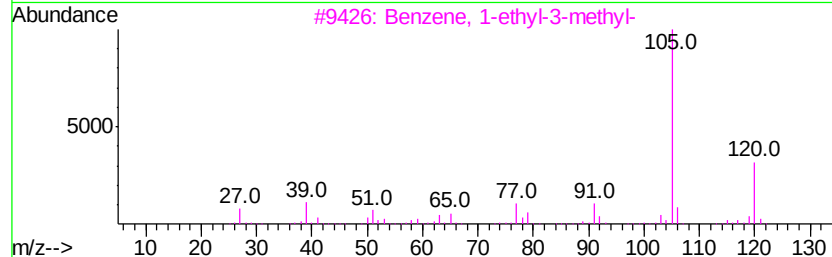
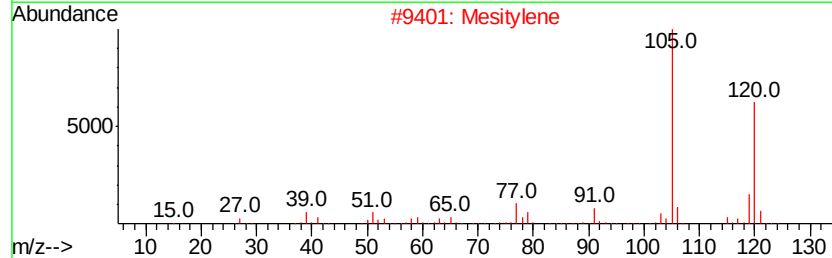
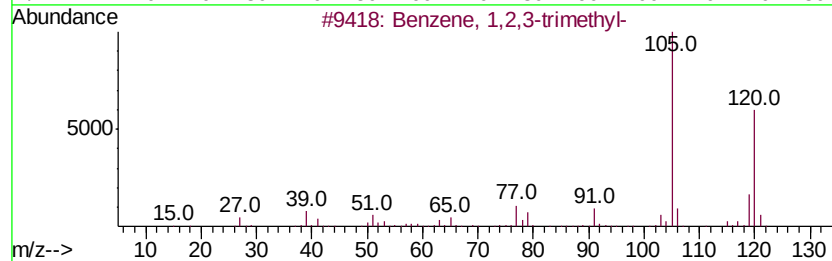
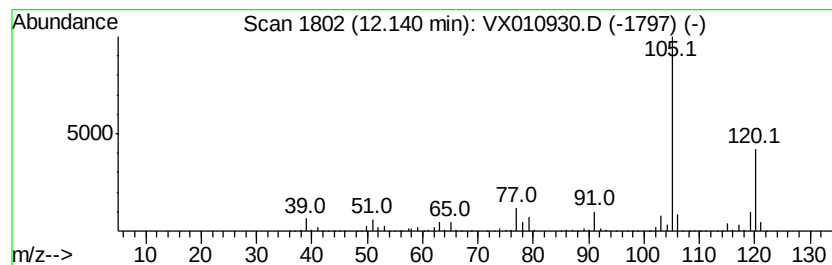
Instrument :
MSVOA_X
ClientSampled :
FL-0626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.14	31.39 ug/l	607638	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010930.D
Acq On : 17 Jul 2019 12:59
Operator : JC/SP
Sample : K3791-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.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	62.5	ug/l	699371	1	5.67	559940	50.0
Pentane	2.00	37.1	ug/l	415262	1	5.67	559940	50.0
Pentane, 2-methyl-	2.89	11.9	ug/l	133390	1	5.67	559940	50.0
1-Pentene	2.93	14.7	ug/l	164716	1	5.67	559940	50.0
Pentane, 3-methyl-	3.17	14.9	ug/l	166997	1	5.67	559940	50.0
Cyclopentane, met...	4.40	49.9	ug/l	558560	1	5.67	559940	50.0
Benzene, 1-ethyl-...	11.43	42.0	ug/l	812766	4	12.08	967954	50.0
Benzene, 1-ethyl-...	11.66	21.9	ug/l	424760	4	12.08	967954	50.0
Benzene, 1,2,3-tr...	12.14	31.4	ug/l	607638	4	12.08	967954	50.0