

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011410.D
 Acq On : 09 Aug 2019 15:19
 Operator : JC/SP
 Sample : K4279-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0672

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\82X080119W.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	1.782	98	103	115	rVB	136230	192343	1.89%	0.220%
2	1.995	132	138	146	rBV	186251	260770	2.57%	0.299%
3	2.385	194	202	209	rBV	75508	154534	1.52%	0.177%
4	2.836	256	276	279	rBV2	153514	351450	3.46%	0.403%
5	2.885	279	284	288	rVV	691020	1456187	14.33%	1.668%
6	2.928	288	291	309	rVB	383180	714771	7.03%	0.819%
7	3.166	320	330	344	rBV	643183	1452267	14.29%	1.664%
8	3.519	377	388	400	rBV	477201	1073230	10.56%	1.230%
9	4.397	522	532	546	rVB	1140278	3305667	32.53%	3.787%
10	5.232	654	669	678	rBV3	38871	154004	1.52%	0.176%
11	5.494	698	712	716	rBV	117435	327370	3.22%	0.375%
12	5.580	716	726	735	rBV2	1111091	3586125	35.29%	4.108%
13	5.726	745	750	768	rVB2	127566	366497	3.61%	0.420%
14	5.927	771	783	796	rBV4	337245	1058392	10.42%	1.213%
15	6.055	796	804	809	rVV	119085	303263	2.98%	0.347%
16	6.141	809	818	829	rVV	1450376	3747327	36.88%	4.293%
17	6.257	829	837	847	rVV3	156148	535423	5.27%	0.613%
18	6.354	847	853	861	rVV2	150913	403360	3.97%	0.462%
19	6.452	861	869	881	rVB2	251801	685462	6.75%	0.785%
20	6.854	924	935	943	rBV	316147	736020	7.24%	0.843%
21	7.457	1023	1034	1046	rBV	1622399	3714173	36.55%	4.255%
22	7.732	1071	1079	1088	rVB	159301	307689	3.03%	0.352%
23	7.842	1088	1097	1106	rVB2	54983	116729	1.15%	0.134%
24	8.024	1120	1127	1145	rVB2	59994	136967	1.35%	0.157%
25	8.341	1174	1179	1182	rBV	70514	112807	1.11%	0.129%
26	8.378	1182	1185	1192	rVB3	58066	110536	1.09%	0.127%
27	8.500	1200	1205	1209	rBV	84400	136786	1.35%	0.157%
28	8.665	1224	1232	1235	rBV2	227723	413422	4.07%	0.474%
29	8.713	1235	1240	1247	rVB	646728	1110350	10.93%	1.272%
30	8.835	1255	1260	1264	rBV	94028	146246	1.44%	0.168%
31	8.908	1269	1272	1279	rVB	66661	102156	1.01%	0.117%
32	9.036	1288	1293	1299	rVB	190449	303698	2.99%	0.348%
33	9.165	1305	1314	1319	rBV	90522	151107	1.49%	0.173%
34	9.573	1374	1381	1384	rBV3	84837	145824	1.43%	0.167%

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Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
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35	9.622	1384	1389	1393	rVB	249628	342841	3.37%	0.393%
36	9.677	1393	1398	1402	rBV	116045	163706	1.61%	0.188%
37	10.109	1464	1469	1475	rBV	618381	814094	8.01%	0.933%
38	10.183	1475	1481	1486	rVB	91817	139317	1.37%	0.160%
39	10.250	1486	1492	1498	rBV	7687599	10162042	100.00%	11.642%
40	10.359	1501	1510	1516	rVV	2837821	3740956	36.81%	4.286%
41	10.640	1549	1556	1562	rBV3	51116	123806	1.22%	0.142%
42	10.695	1562	1565	1576	rVB2	60751	103929	1.02%	0.119%
43	10.835	1578	1588	1593	rBV2	104478	169453	1.67%	0.194%
44	10.908	1595	1600	1605	rBV3	73452	120739	1.19%	0.138%
45	11.018	1612	1618	1623	rBV	870604	1114990	10.97%	1.277%
46	11.134	1631	1637	1642	rBV	578391	726782	7.15%	0.833%
47	11.359	1668	1674	1680	rBV	982483	1258107	12.38%	1.441%
48	11.451	1681	1689	1693	rVV	1463099	1895335	18.65%	2.171%
49	11.506	1693	1698	1706	rVB	1098682	1370517	13.49%	1.570%
50	11.664	1714	1724	1734	rBV	3791397	4785358	47.09%	5.482%
51	11.804	1742	1747	1752	rVB	7916172	9771656	96.16%	11.195%
52	11.945	1767	1770	1776	rVV	201017	243426	2.40%	0.279%
53	12.024	1776	1783	1786	rVV	155655	196932	1.94%	0.226%
54	12.073	1786	1791	1797	rVB2	817075	1179188	11.60%	1.351%
55	12.140	1797	1802	1807	rBV	3236132	3845137	37.84%	4.405%
56	12.231	1812	1817	1822	rBV	97002	120059	1.18%	0.138%
57	12.298	1822	1828	1835	rBV	1224034	1691670	16.65%	1.938%
58	12.365	1835	1839	1849	rVB3	642165	1038022	10.21%	1.189%
59	12.457	1849	1854	1859	rBV2	253529	331631	3.26%	0.380%
60	12.518	1859	1864	1869	rVB	681628	818140	8.05%	0.937%
61	12.585	1870	1875	1877	rBV	614508	838365	8.25%	0.960%
62	12.609	1877	1879	1883	rVV	737054	732900	7.21%	0.840%
63	12.664	1883	1888	1892	rVV	752161	912452	8.98%	1.045%
64	12.700	1892	1894	1898	rVV	168658	169810	1.67%	0.195%
65	12.755	1898	1903	1911	rVV4	488151	899203	8.85%	1.030%
66	12.902	1921	1927	1931	rVB2	494732	639324	6.29%	0.732%
67	12.975	1931	1939	1942	rBV	457019	585856	5.77%	0.671%
68	13.017	1942	1946	1952	rVB	794171	974650	9.59%	1.117%
69	13.078	1952	1956	1961	rBV3	108320	188592	1.86%	0.216%
70	13.194	1971	1975	1977	rBV2	120641	155894	1.53%	0.179%
71	13.219	1977	1979	1983	rVB	151778	171515	1.69%	0.196%

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ClientSampleId :
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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	13.304	1990	1993	1995	rBV	123981	153564	1.51%	0.176%
73	13.341	1995	1999	2005	rVB2	1296724	1755061	17.27%	2.011%
74	13.475	2017	2021	2029	rVB	690845	887437	8.73%	1.017%
75	13.560	2030	2035	2038	rBV3	67081	105874	1.04%	0.121%
76	13.639	2044	2048	2053	rVV4	156241	283445	2.79%	0.325%
77	13.719	2058	2061	2067	rVV2	166683	271406	2.67%	0.311%
78	13.834	2071	2080	2087	rVB	1035001	1449064	14.26%	1.660%
79	13.908	2087	2092	2097	rVB2	114714	154691	1.52%	0.177%
80	13.981	2097	2104	2108	rBV2	160280	247102	2.43%	0.283%
81	14.286	2146	2154	2159	rVB2	217814	379340	3.73%	0.435%
82	14.536	2190	2195	2204	rBV2	223205	306585	3.02%	0.351%
83	14.694	2213	2221	2225	rBV	336760	451055	4.44%	0.517%
84	14.834	2239	2244	2249	rBV	330447	434643	4.28%	0.498%

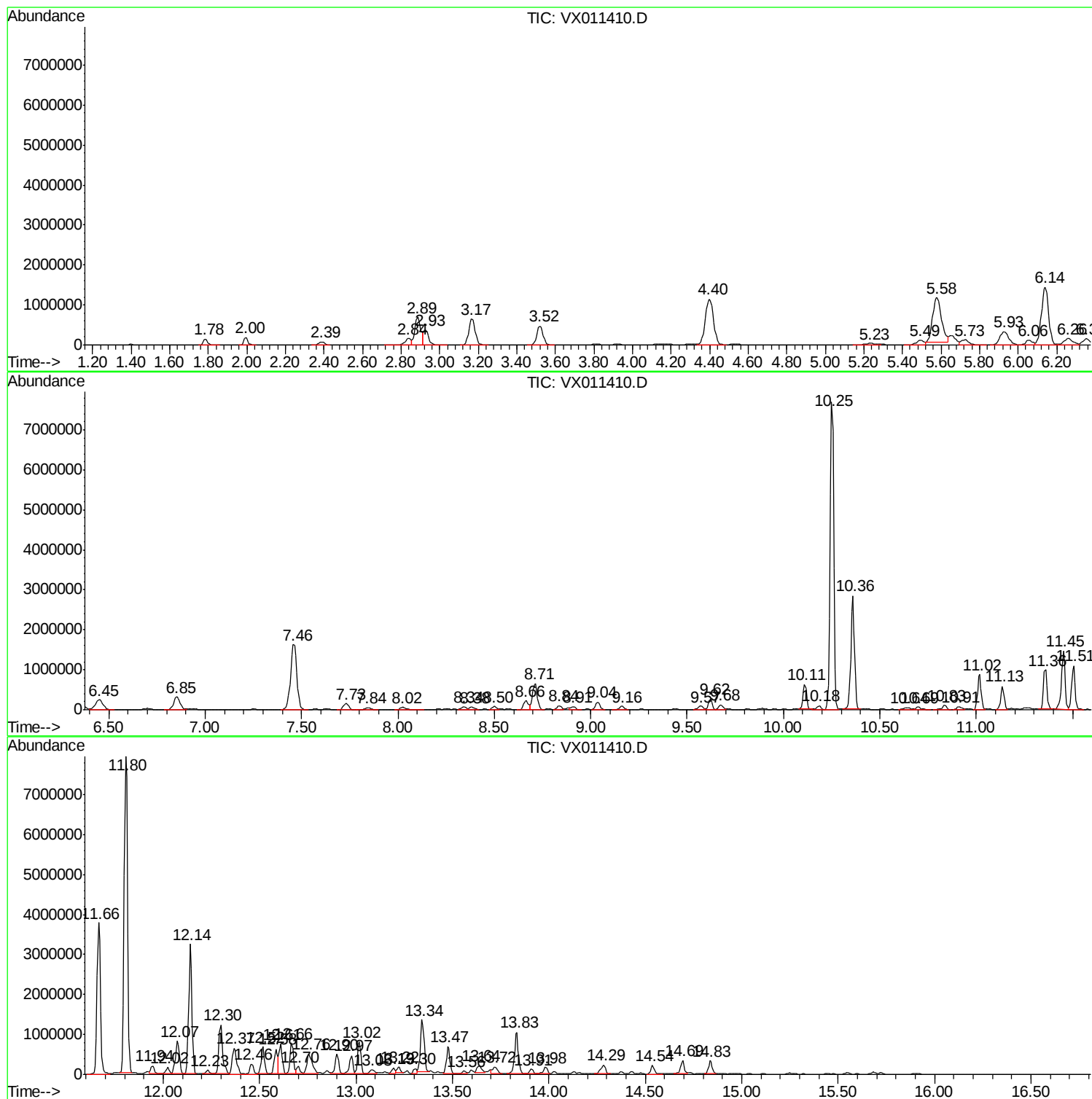
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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



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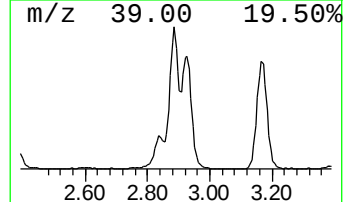
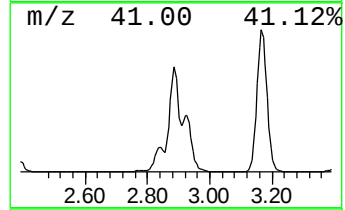
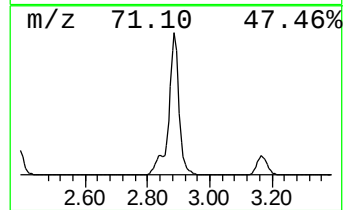
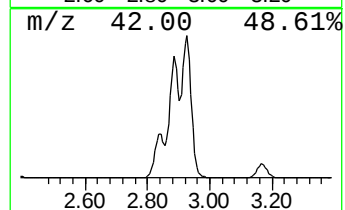
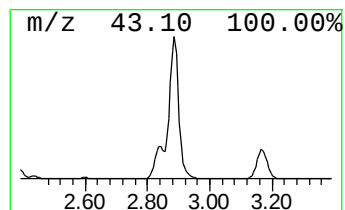
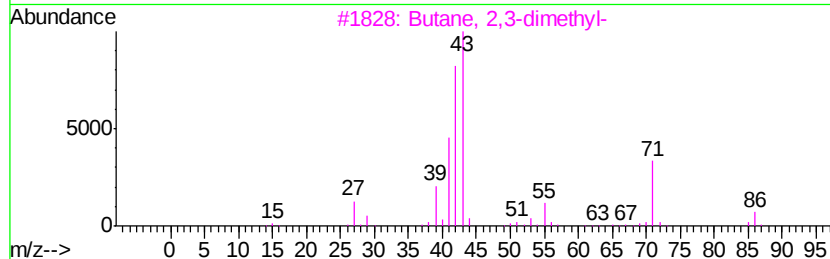
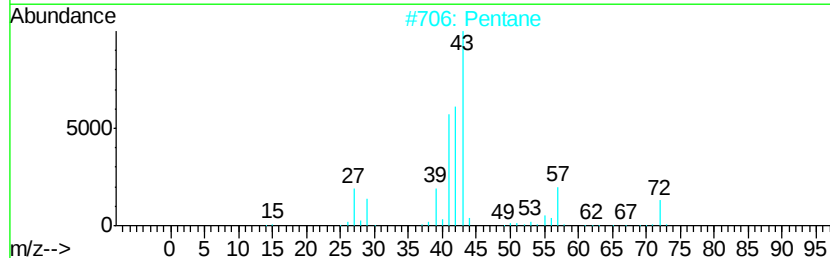
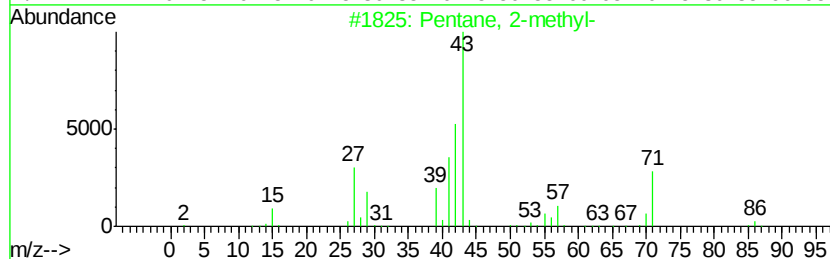
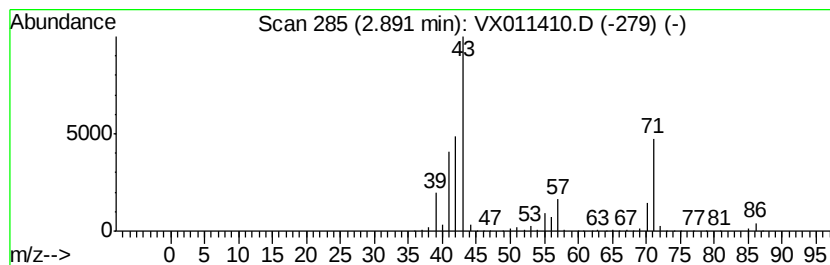
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	198.66 ug/l	1456190	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
2		Pentane	72	C5H12	000109-66-0	43
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	37
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
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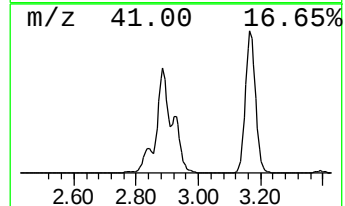
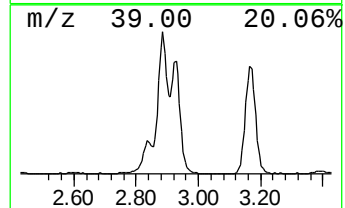
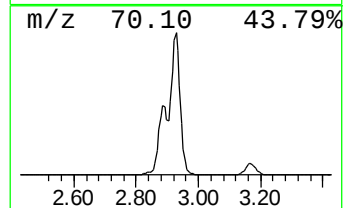
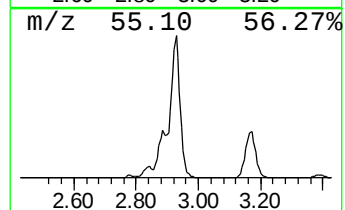
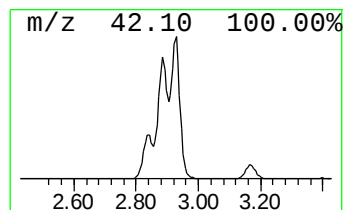
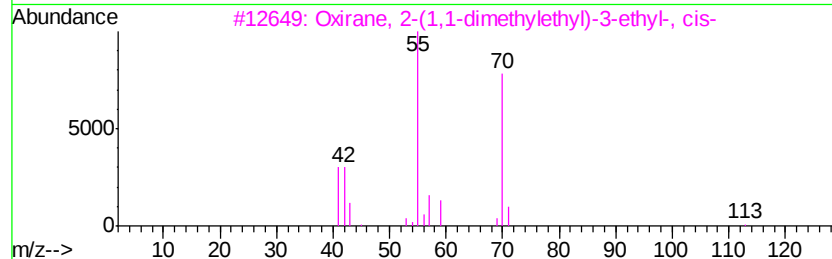
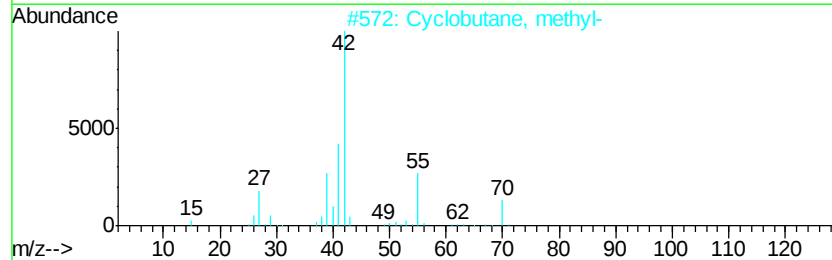
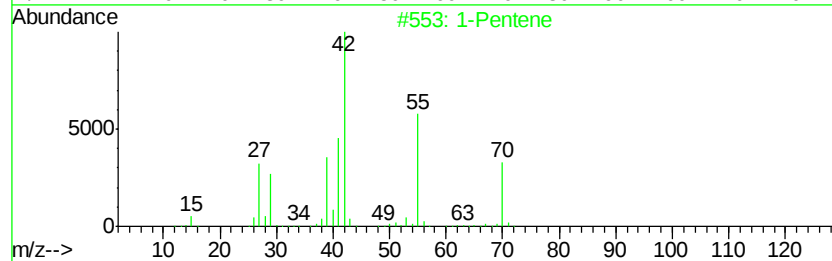
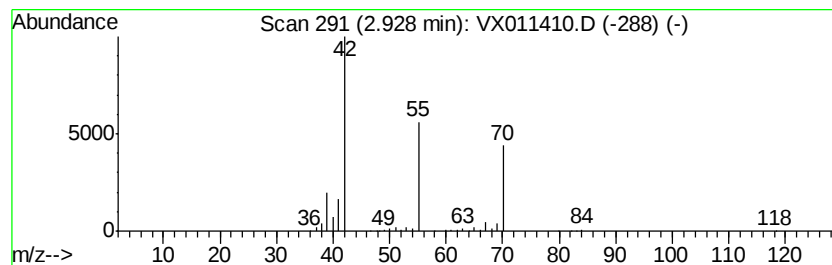
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Pentene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	97.51 ug/l	714771	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	78
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	56
3		Oxirane, 2-(1,1-dimethylethyl)-3-ethyl-, cis-	128	C8H16O	036099-44-2	17
4		2-Pentene, (E)-	70	C5H10	000646-04-8	12
5		Cyclopentane	70	C5H10	000287-92-3	9



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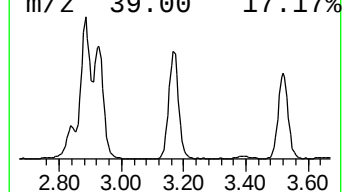
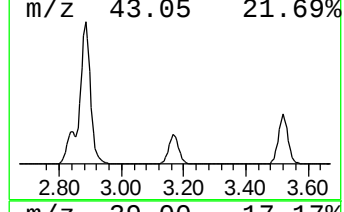
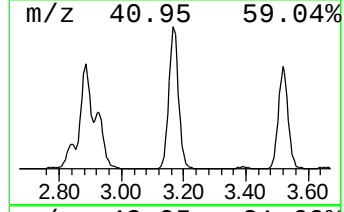
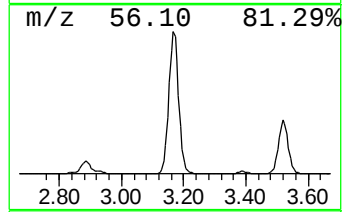
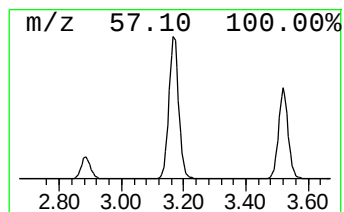
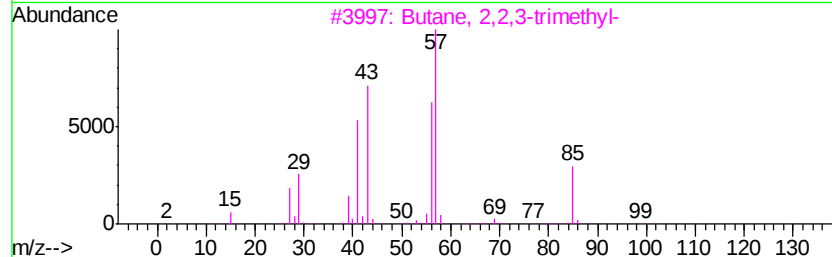
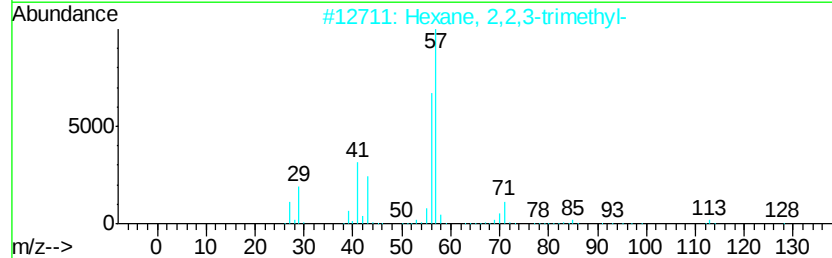
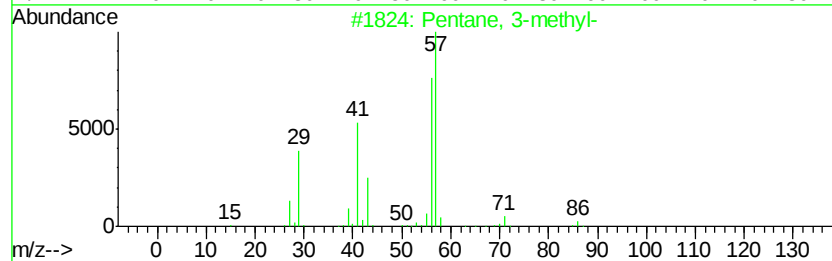
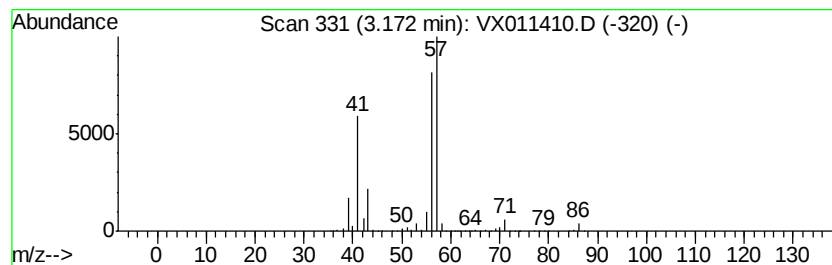
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	198.13 ug/l	1452270	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43



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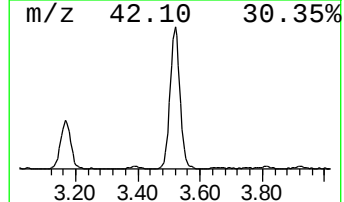
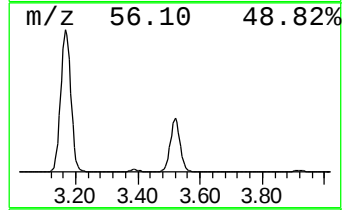
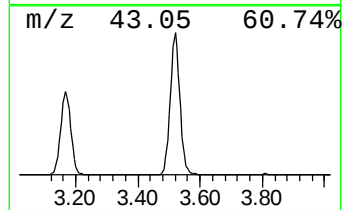
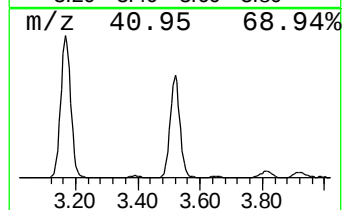
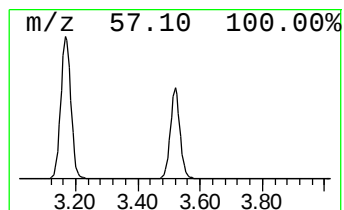
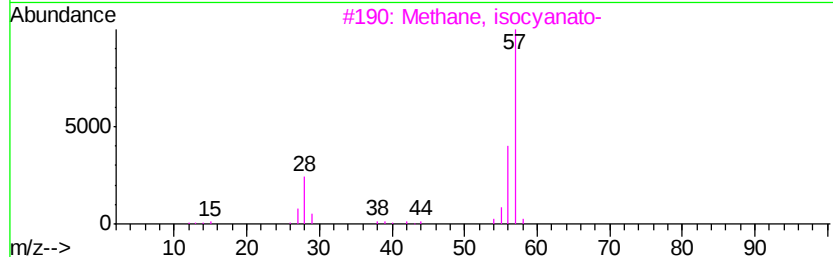
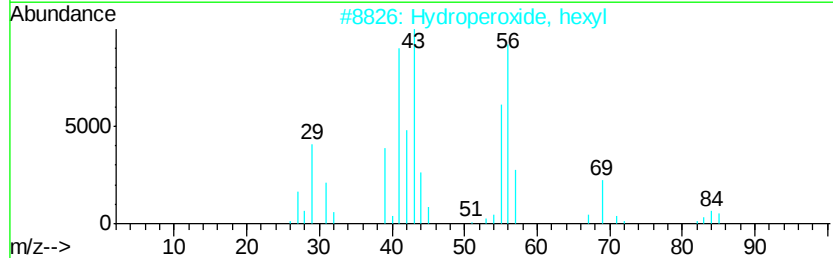
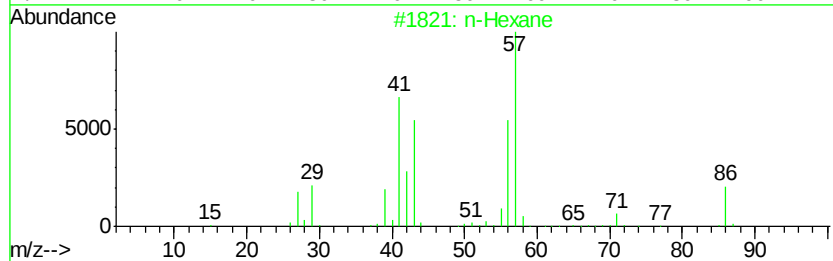
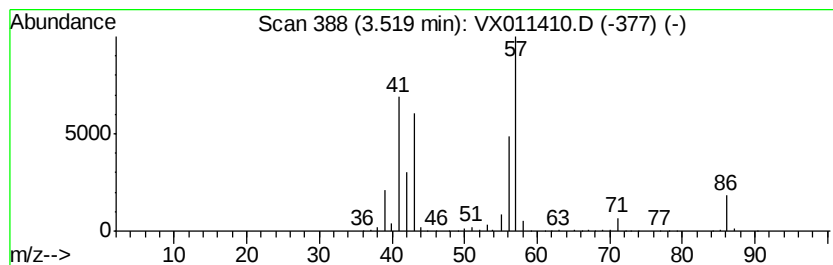
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Quant Title : SW846 8260

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

Peak Number 4 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	146.42 ug/l	1073230	Pentafluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
3		Methane, isocyanato-	57	C2H3NO	000624-83-9	37
4		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

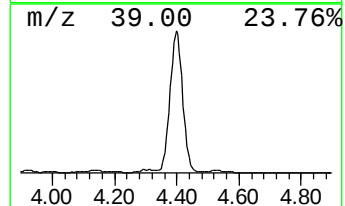
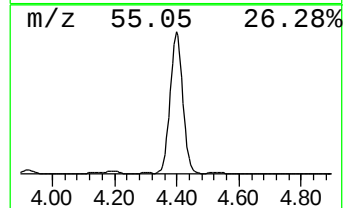
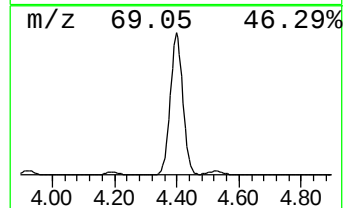
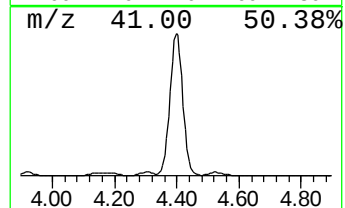
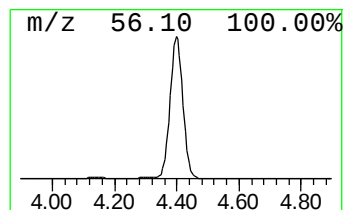
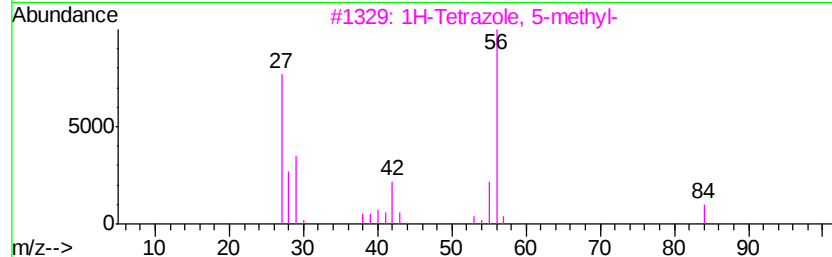
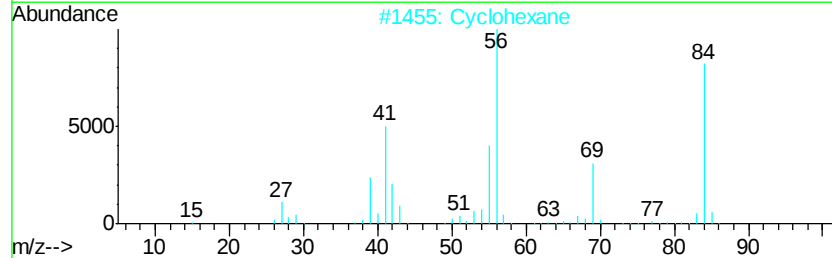
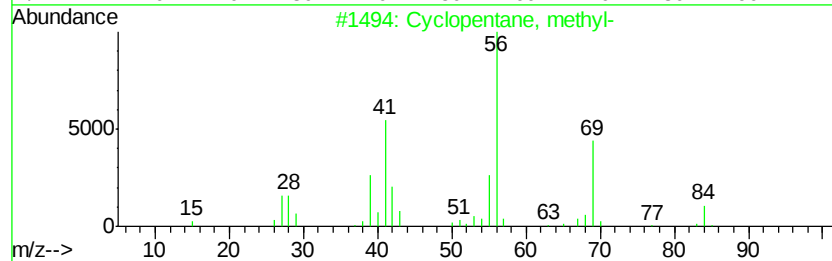
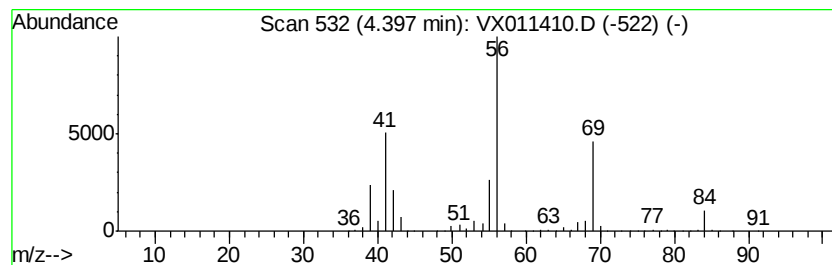
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	450.98 ug/l	3305670	Pentafluorobenzene	5.66

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	80
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

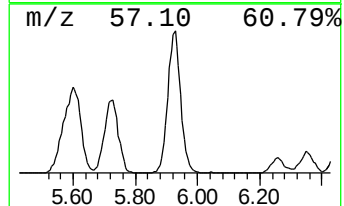
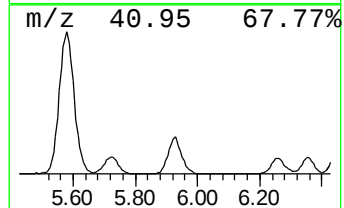
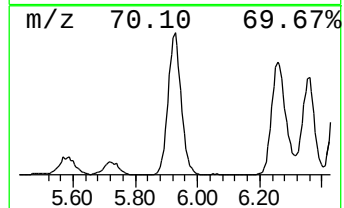
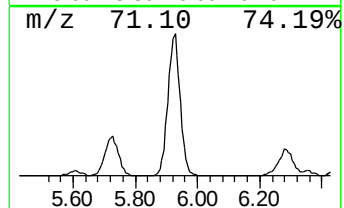
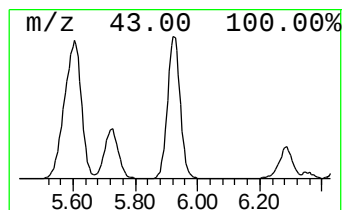
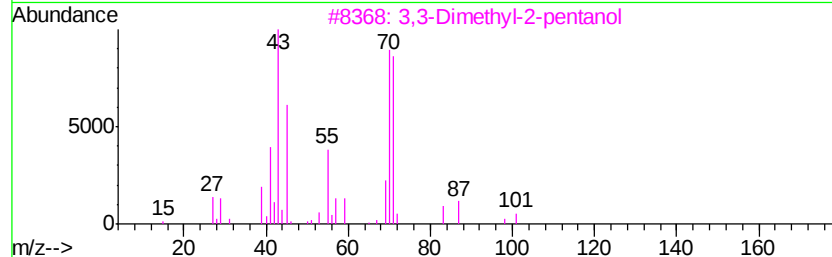
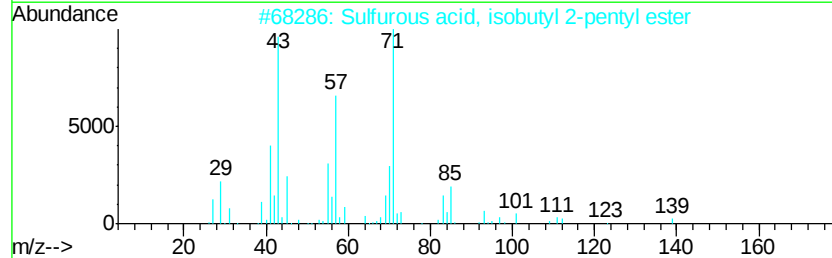
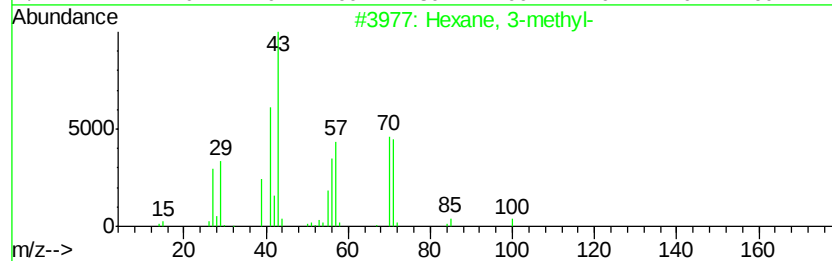
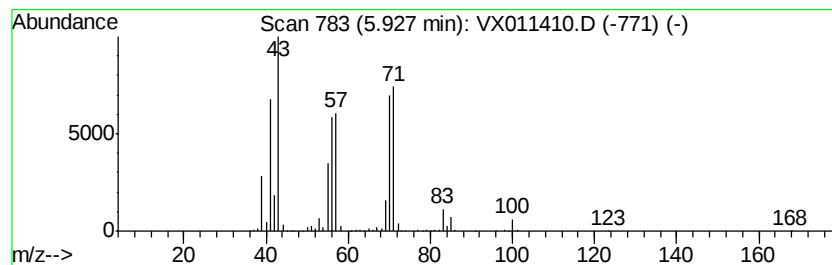
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	144.39 ug/l	1058390	Pentafluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	81
2	Sulfurous acid, isobutyl 2-pentyl...		208	C9H20O3S	1000309-15-2	59
3	3,3-Dimethyl-2-pentanol		116	C7H16O	019781-24-9	53
4	Heptane		100	C7H16	000142-82-5	53
5	Decane, 3,3,4-trimethyl-		184	C13H28	049622-18-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

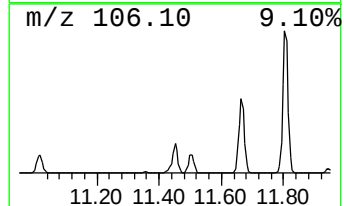
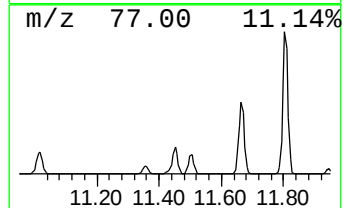
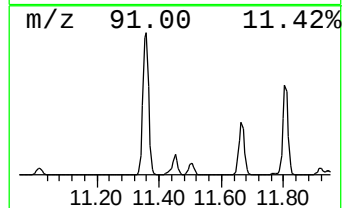
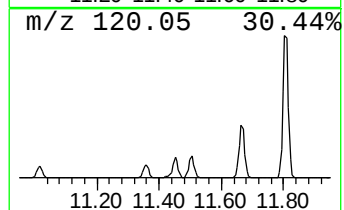
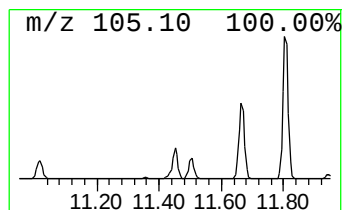
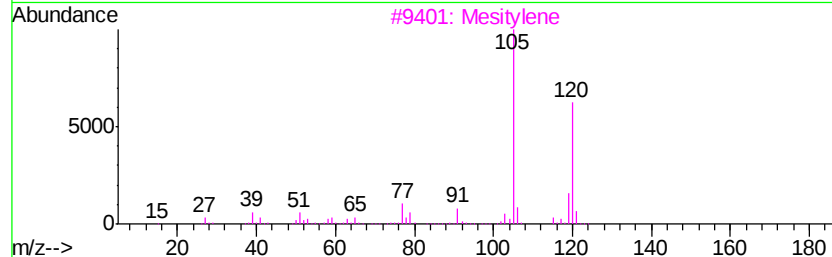
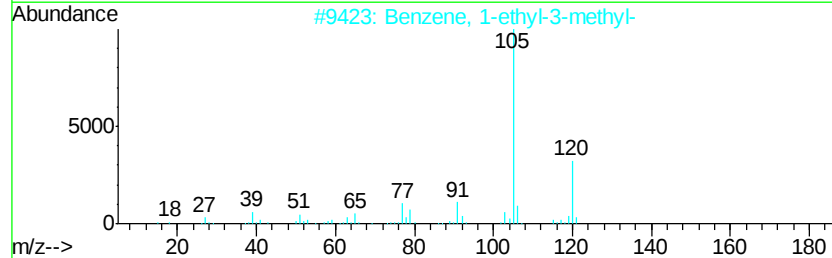
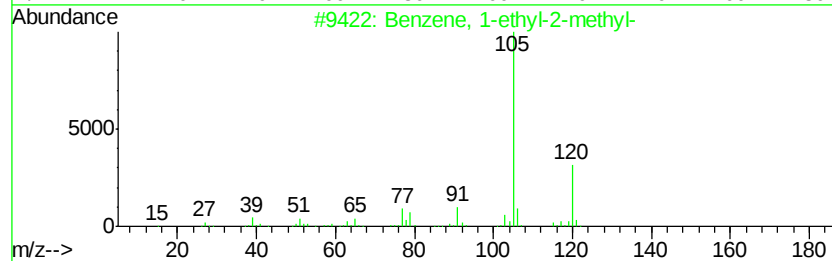
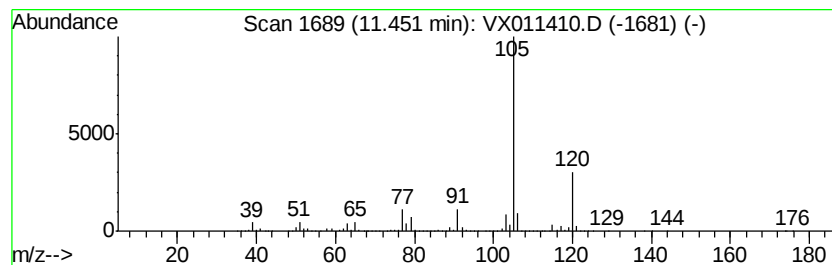
Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	80.37 ug/l	1895340	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 95
2		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91
3		Mesitylene	120 C9H12	000108-67-8 91
4		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
5		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

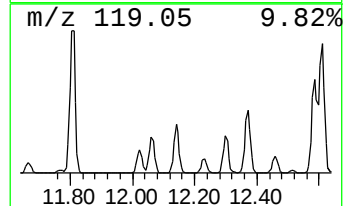
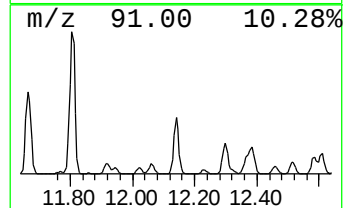
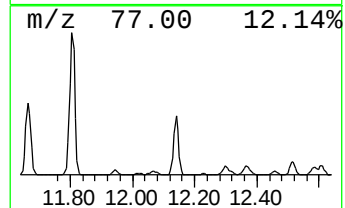
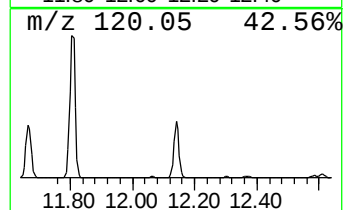
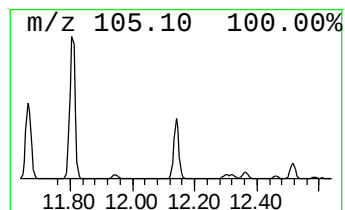
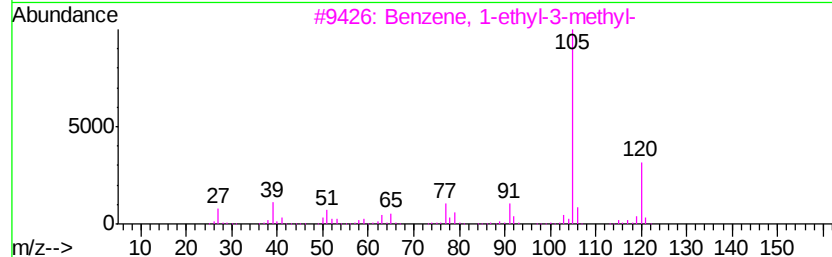
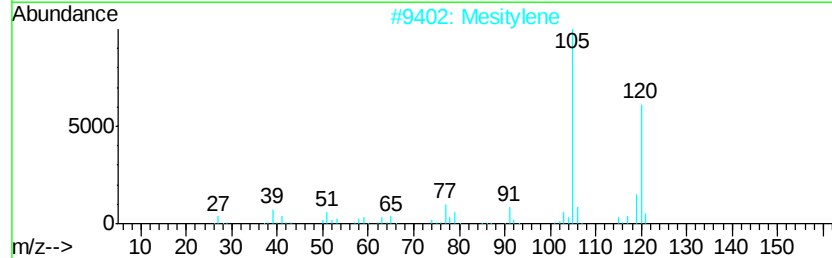
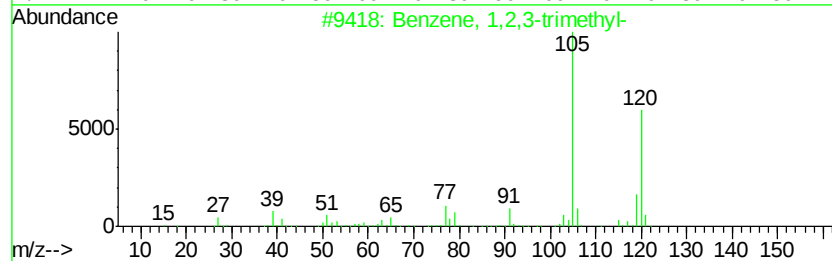
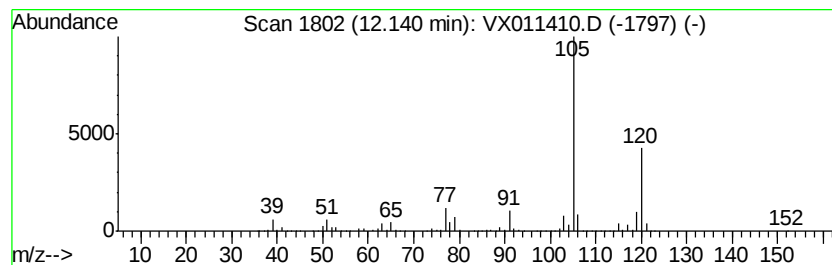
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	163.04 ug/l	3845140	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		Mesitylene	120	C9H12	000108-67-8	93
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-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

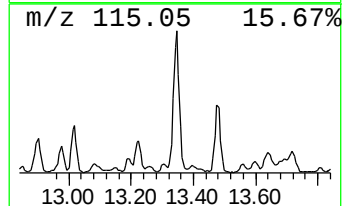
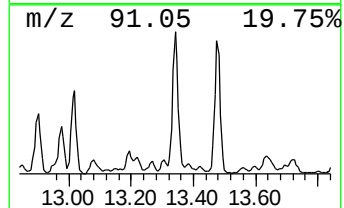
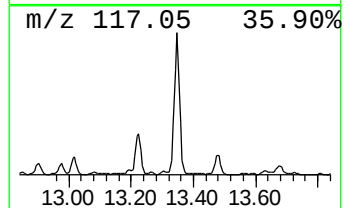
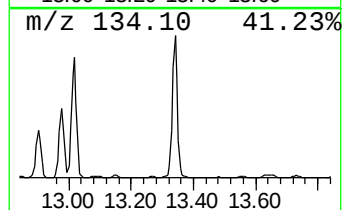
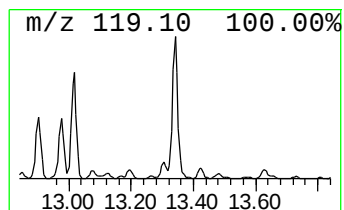
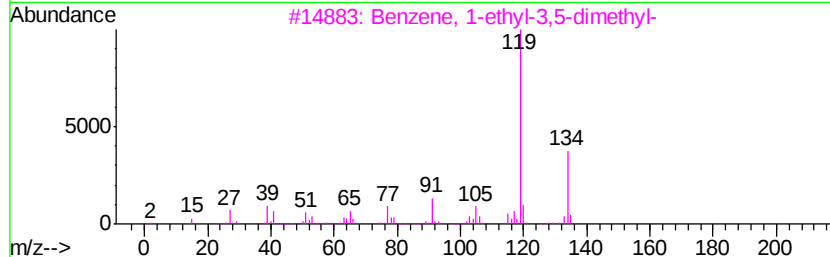
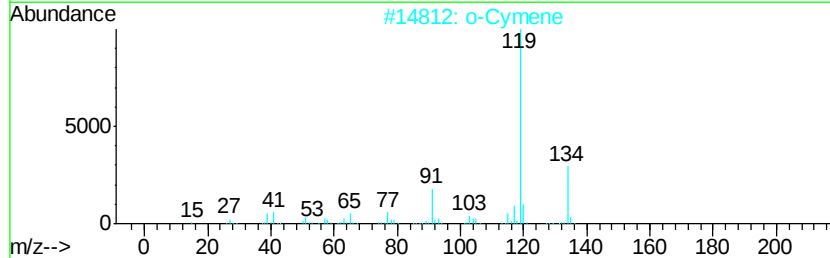
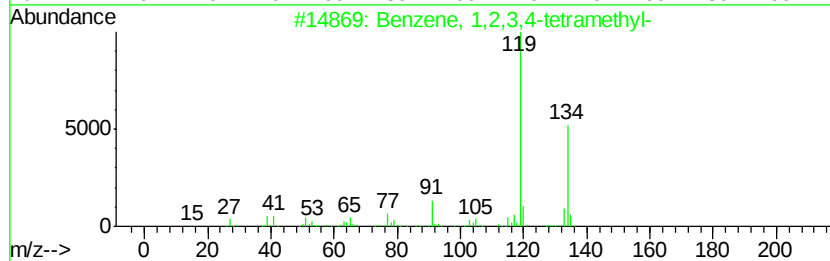
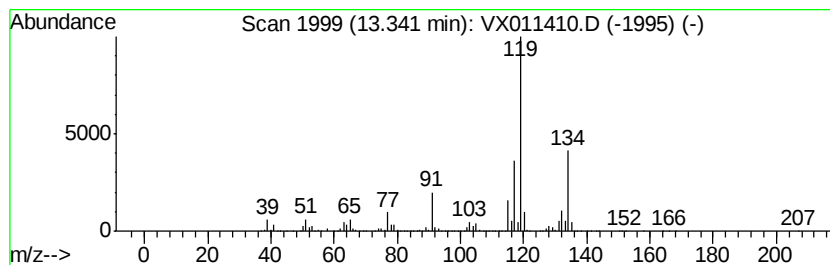
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	74.42 ug/l	1755060	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
2		o-Cymene	134	C10H14	000527-84-4	81
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
Data File : VX011410.D
Acq On : 09 Aug 2019 15:19
Operator : JC/SP
Sample : K4279-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0672

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.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
Pentane, 2-methyl-	2.89	198.7	ug/l	1456190	1	5.66	366497	50.0
1-Pentene	2.93	97.5	ug/l	714771	1	5.66	366497	50.0
Pentane, 3-methyl-	3.17	198.1	ug/l	1452270	1	5.66	366497	50.0
n-Hexane	3.52	146.4	ug/l	1073230	1	5.66	366497	50.0
Cyclopentane, met...	4.40	451.0	ug/l	3305670	1	5.66	366497	50.0
Hexane, 3-methyl-	5.93	144.4	ug/l	1058390	1	5.66	366497	50.0
Benzene, 1-ethyl-...	11.45	80.4	ug/l	1895340	4	12.08	1179190	50.0
Benzene, 1,2,3-tr...	12.14	163.0	ug/l	3845140	4	12.08	1179190	50.0
Benzene, 1,2,3,4-...	13.34	74.4	ug/l	1755060	4	12.08	1179190	50.0