

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002726.D
 Acq On : 19 Jun 2018 21:11
 Operator : JC/MD
 Sample : J3528-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TPTW-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.075	76	80	90	rBV	588231	792033	39.48%	4.605%
2	1.319	114	120	145	rBV	288204	1285074	64.06%	7.472%
3	2.453	300	306	310	rBV	24776	45954	2.29%	0.267%
4	2.623	329	334	343	rBV	40416	89072	4.44%	0.518%
5	3.074	402	408	419	rVB	38681	89254	4.45%	0.519%
6	3.209	421	430	448	rVB	200051	486953	24.28%	2.831%
7	5.208	745	758	765	rBV3	5885	20581	1.03%	0.120%
8	5.513	797	808	822	rBV2	140002	401839	20.03%	2.336%
9	5.665	822	833	849	rVB	207944	581411	28.98%	3.380%
10	6.074	890	900	907	rBV	152071	397041	19.79%	2.308%
11	6.147	907	912	923	rVB2	64895	166380	8.29%	0.967%
12	6.452	946	962	975	rVB3	23455	83702	4.17%	0.487%
13	6.866	1020	1030	1049	rBV	302752	713305	35.56%	4.147%
14	8.659	1318	1324	1328	rBV	48452	77886	3.88%	0.453%
15	8.720	1328	1334	1340	rVV	750213	1146744	57.17%	6.667%
16	8.787	1340	1345	1354	rVB	665418	995480	49.63%	5.788%
17	9.110	1392	1398	1410	rBV	40318	65919	3.29%	0.383%
18	10.116	1553	1563	1580	rBV	639991	878980	43.82%	5.110%
19	10.256	1580	1586	1594	rBV	257547	331032	16.50%	1.925%
20	10.360	1597	1603	1612	rBV	1523518	2005910	100.00%	11.663%
21	10.701	1654	1659	1669	rVB	1094312	1361895	67.89%	7.918%
22	10.939	1687	1698	1706	rVV3	9661	25877	1.29%	0.150%
23	11.018	1706	1711	1717	rVB	30304	42914	2.14%	0.250%
24	11.140	1726	1731	1738	rBV	696100	846070	42.18%	4.919%
25	11.366	1760	1768	1772	rBV	52912	71042	3.54%	0.413%
26	11.439	1774	1780	1787	rVV	101209	175391	8.74%	1.020%
27	11.512	1787	1792	1799	rVB	73740	97411	4.86%	0.566%
28	11.670	1813	1818	1822	rBV	128547	159199	7.94%	0.926%
29	11.811	1836	1841	1848	rVB	229984	270184	13.47%	1.571%
30	12.079	1880	1885	1891	rBV	785384	1000446	49.87%	5.817%
31	12.146	1891	1896	1901	rBV	249208	297872	14.85%	1.732%
32	12.274	1913	1917	1919	rBV	79284	111453	5.56%	0.648%
33	12.304	1919	1922	1930	rVV	292996	369047	18.40%	2.146%
34	12.378	1930	1934	1941	rVB3	23521	44119	2.20%	0.257%

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35	12.469	1945	1949	1954	rBV3	21099	31331	1.56%	0.182%
36	12.524	1954	1958	1964	rVB	17314	26010	1.30%	0.151%
37	12.670	1978	1982	1986	rBV	66510	79039	3.94%	0.460%
38	12.762	1992	1997	2004	rVB2	48579	71832	3.58%	0.418%
39	12.914	2016	2022	2026	rBV2	37596	50329	2.51%	0.293%
40	12.975	2026	2032	2037	rVV2	63939	112380	5.60%	0.653%
41	13.024	2037	2040	2045	rVB	22884	28512	1.42%	0.166%
42	13.231	2066	2074	2078	rBV	41858	58410	2.91%	0.340%
43	13.353	2084	2094	2099	rBV2	113583	162545	8.10%	0.945%
44	13.402	2099	2102	2106	rVV3	19284	27952	1.39%	0.163%
45	13.481	2109	2115	2121	rVV2	21114	28917	1.44%	0.168%
46	13.579	2126	2131	2134	rVV	50708	75786	3.78%	0.441%
47	13.646	2138	2142	2149	rVV7	14557	28416	1.42%	0.165%
48	13.725	2149	2155	2161	rVV6	14016	27961	1.39%	0.163%
49	13.841	2169	2174	2184	rVB	297973	399690	19.93%	2.324%
50	14.432	2266	2271	2281	rVB5	12781	24200	1.21%	0.141%
51	14.700	2311	2315	2319	rVB	46952	56956	2.84%	0.331%
52	14.841	2333	2338	2344	rBV	76867	105930	5.28%	0.616%
53	15.554	2449	2455	2467	rVB2	25631	48457	2.42%	0.282%
54	15.694	2472	2478	2482	rVV	52403	87214	4.35%	0.507%
55	15.731	2482	2484	2489	rVB3	15216	20549	1.02%	0.119%
56	15.895	2507	2511	2513	rBV3	13512	21059	1.05%	0.122%
57	16.072	2535	2540	2548	rBV2	13511	26427	1.32%	0.154%
58	16.426	2589	2598	2606	rBV	36153	72224	3.60%	0.420%

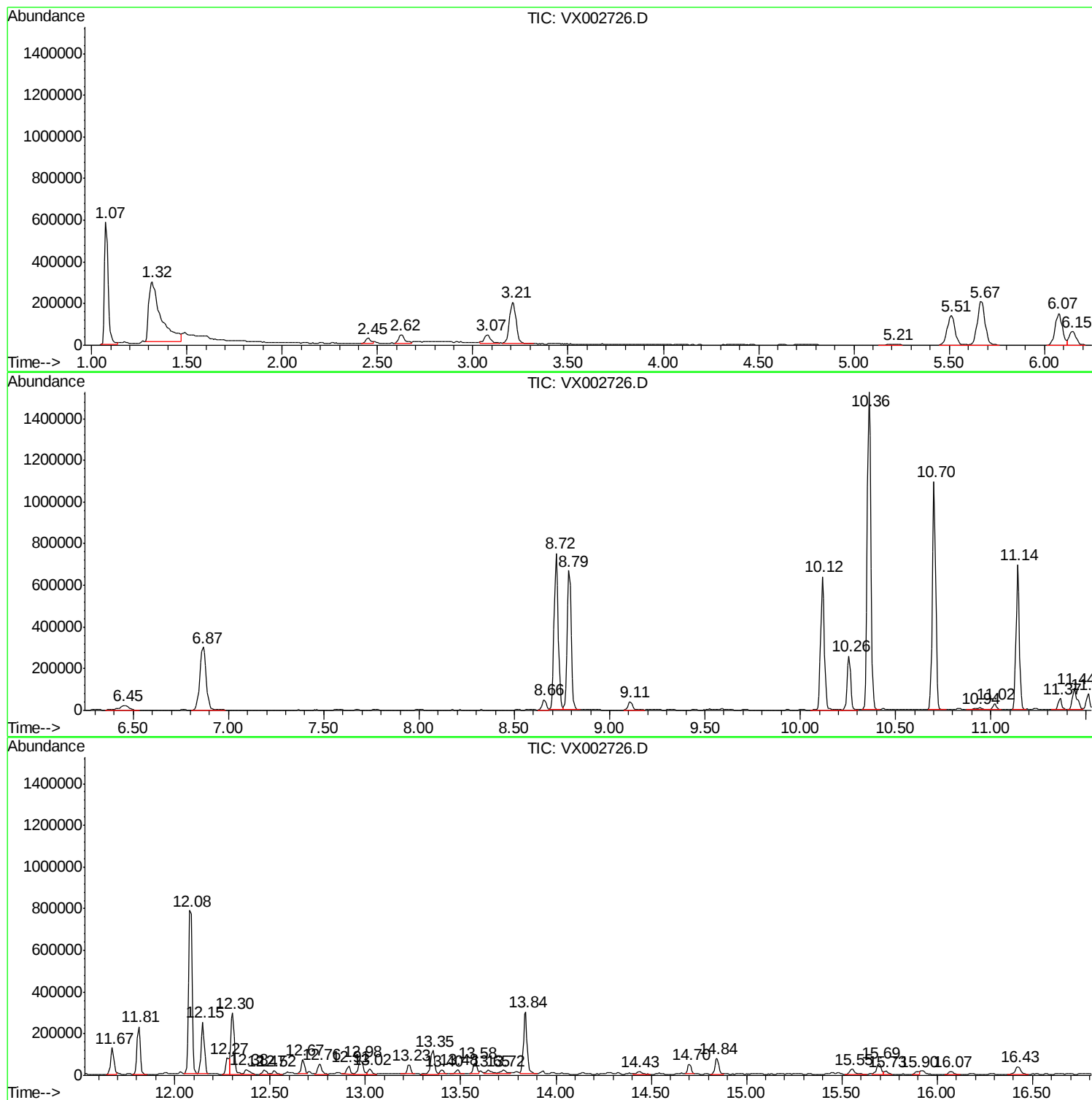
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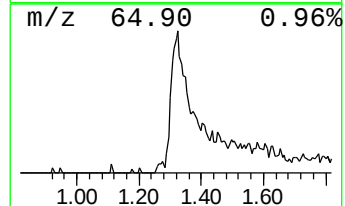
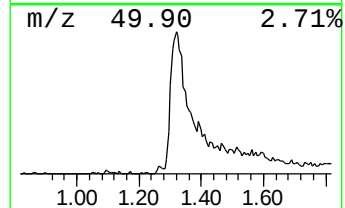
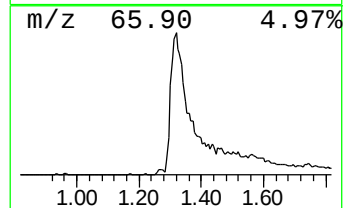
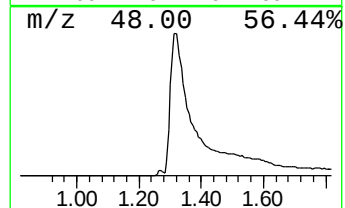
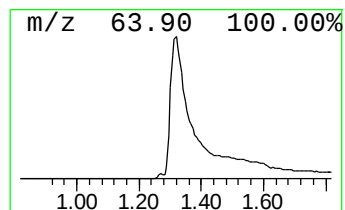
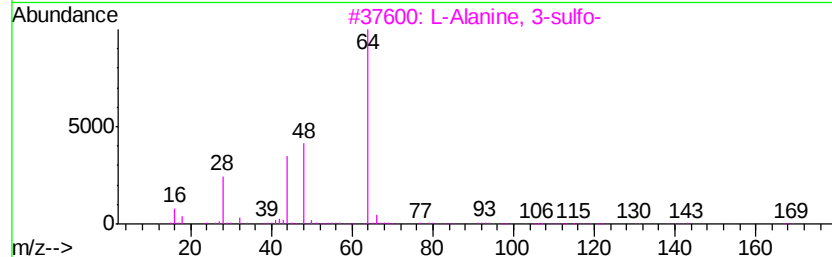
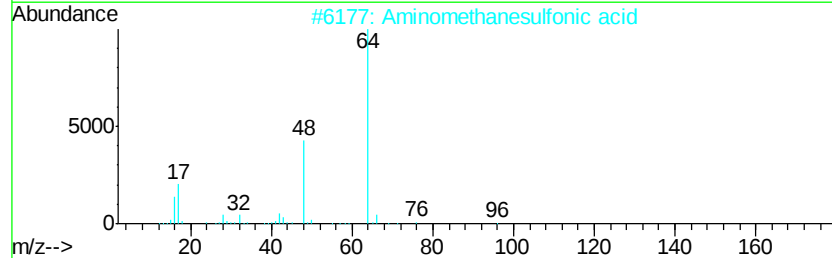
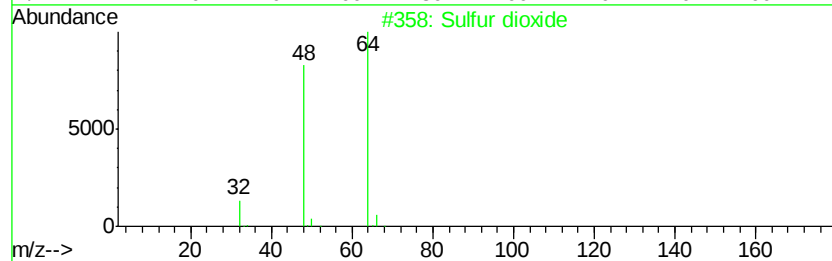
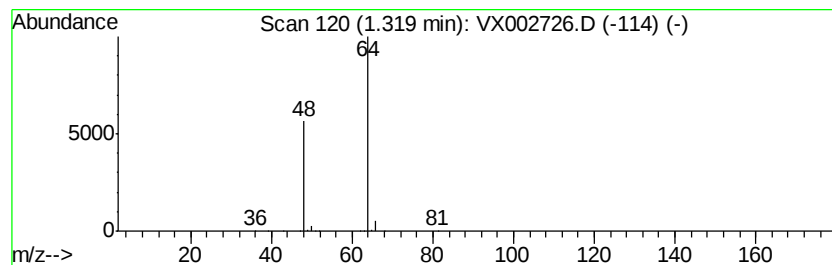
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260

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

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	110.51 ug/l	1285070	Pentafluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide		64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-		169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-		64	C2H2F2	000075-38-7	4
5	Ethyl Chloride		64	C2H5Cl	000075-00-3	3



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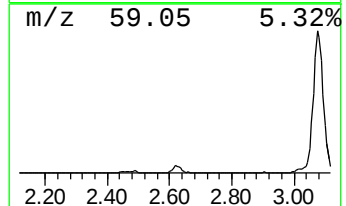
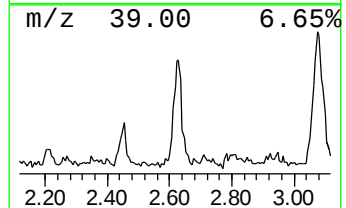
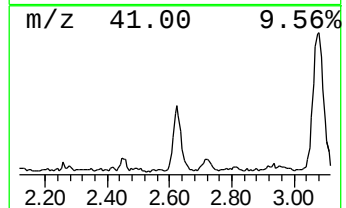
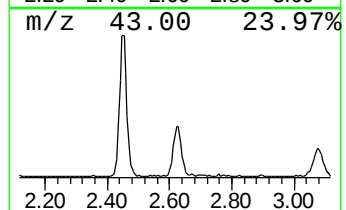
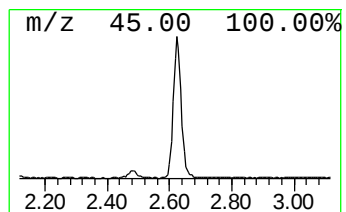
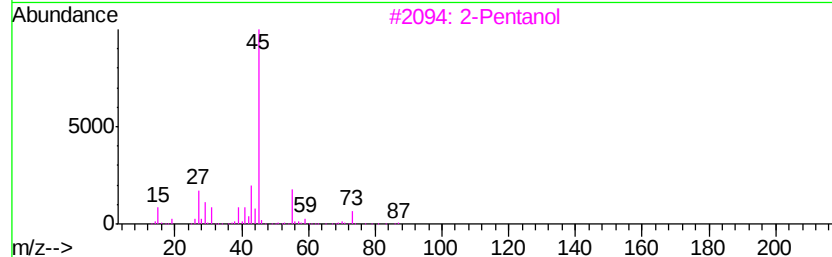
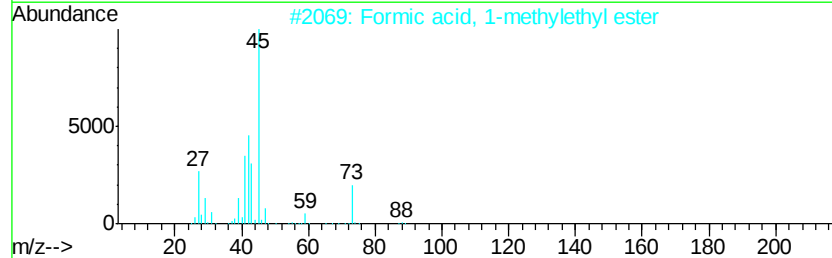
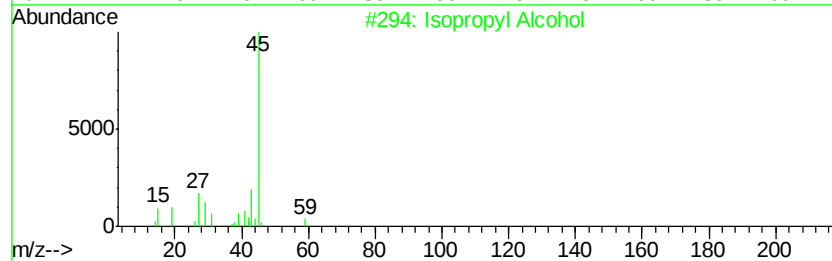
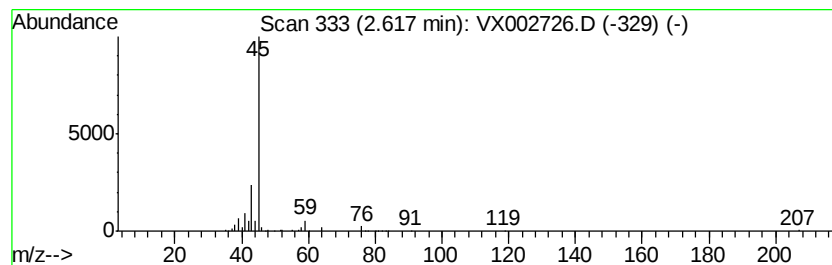
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Isopropyl Alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	7.66 ug/l	89072	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	39
3		2-Pentanol	88	C5H12O	006032-29-7	9
4		2-Methyl-4-methoxy-1-butanol	118	C6H14O2	071052-94-3	9
5		2,4-Pentanediol	104	C5H12O2	000625-69-4	9



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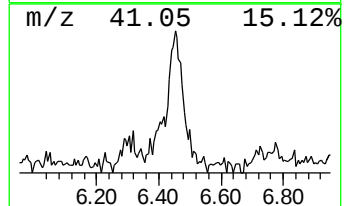
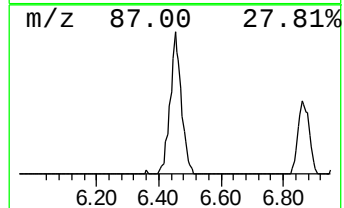
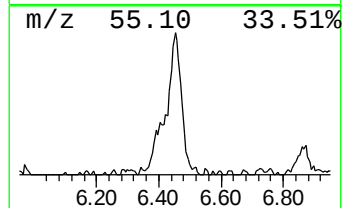
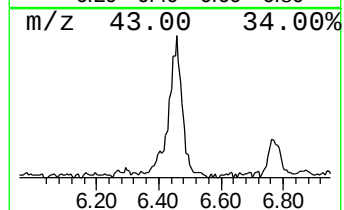
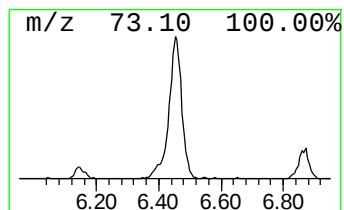
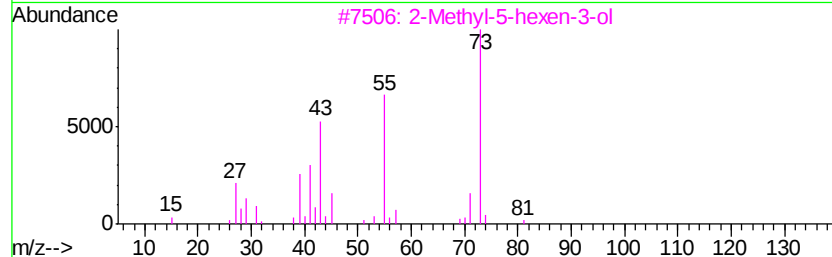
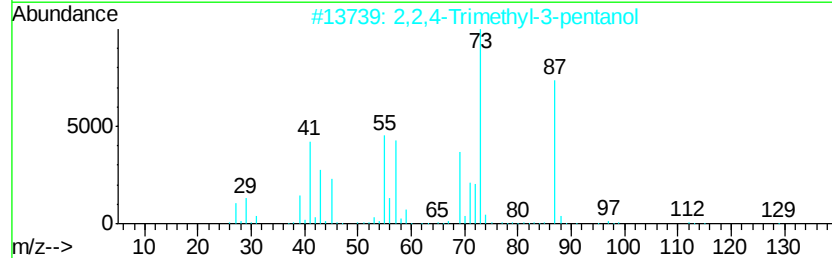
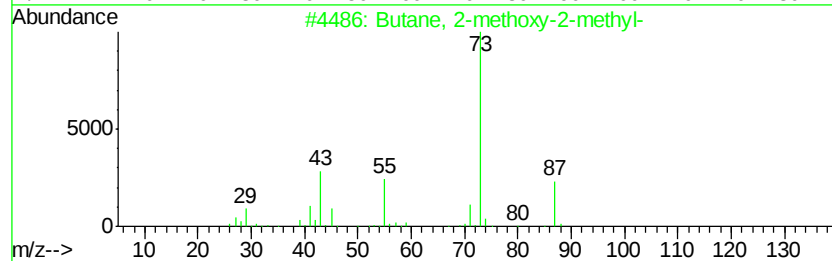
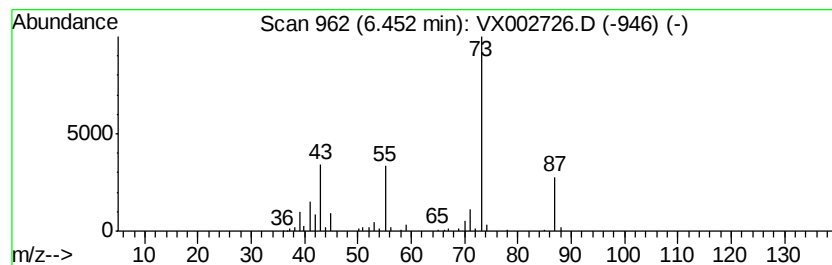
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	5.87 ug/l	83702	1,4-Difluorobenzene	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	16



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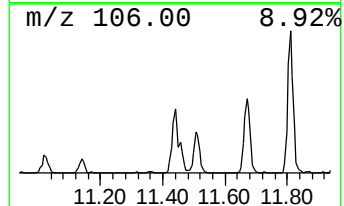
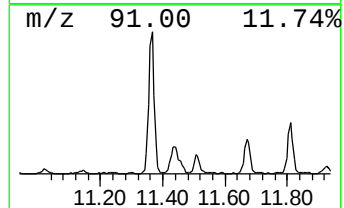
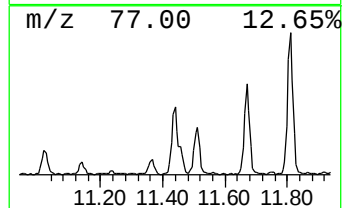
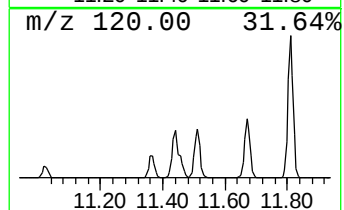
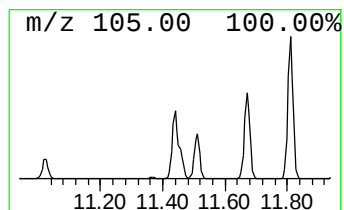
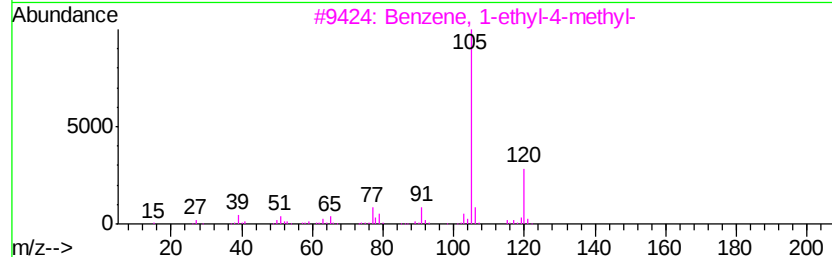
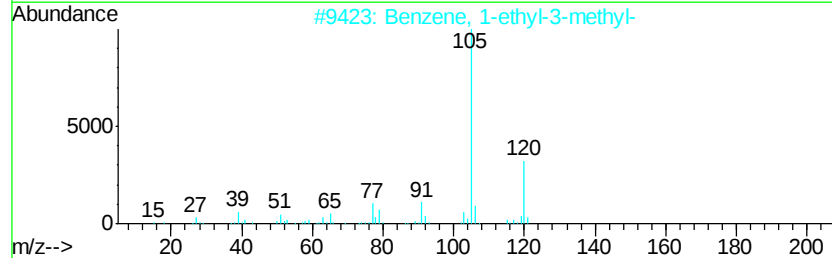
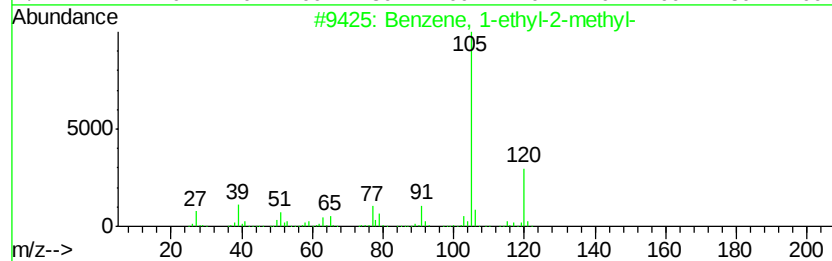
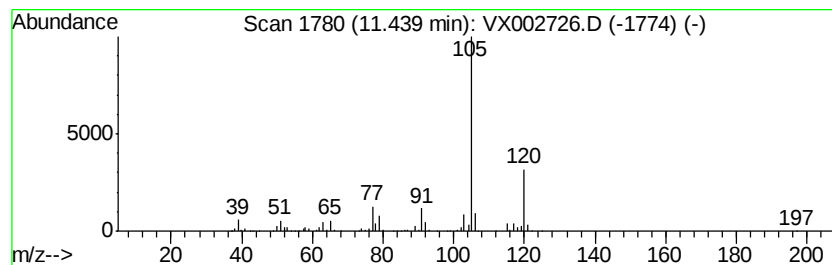
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	8.77 ug/l	175391	1,4-Dichlorobenzene-d4	12.09

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-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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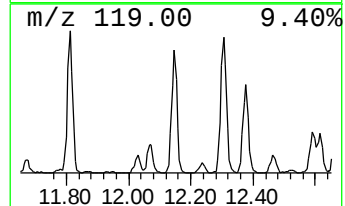
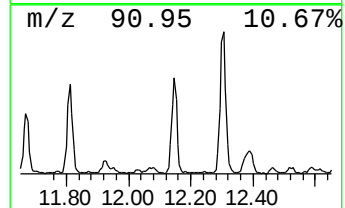
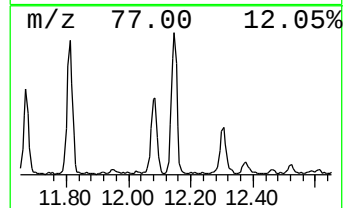
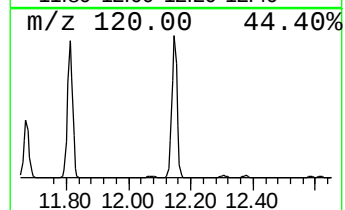
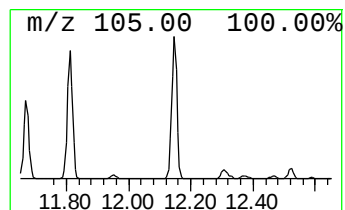
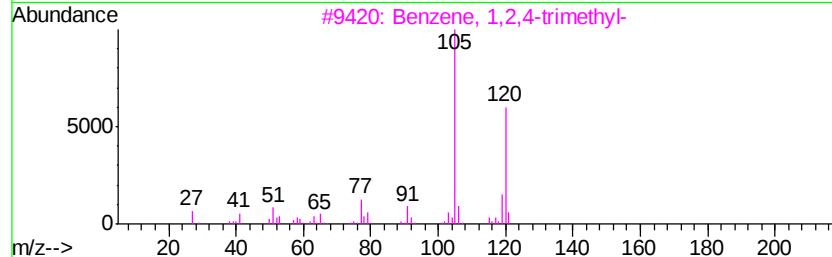
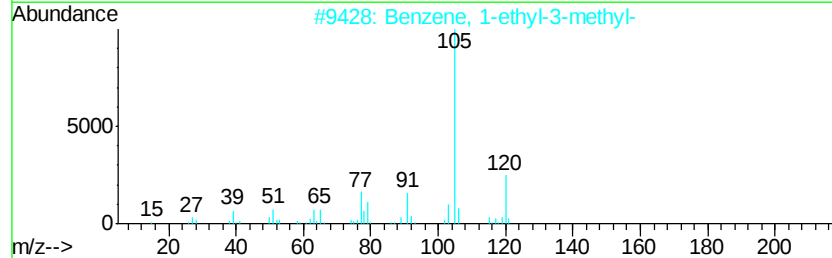
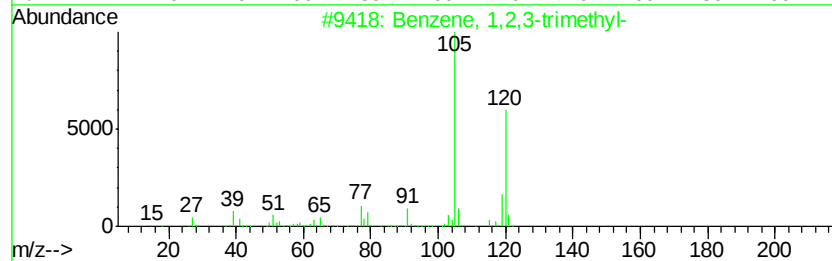
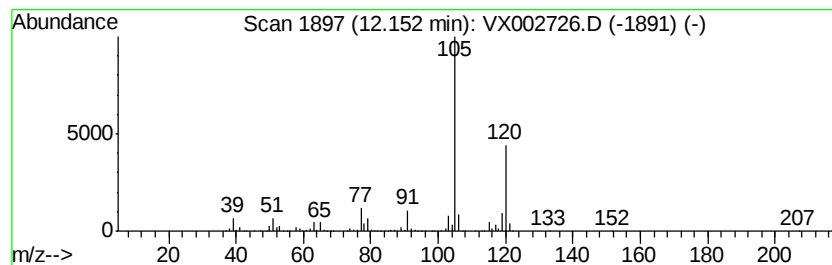
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	14.89 ug/l	297872	1,4-Dichlorobenzene-d4	12.09

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
Data File : VX002726.D
Acq On : 19 Jun 2018 21:11
Operator : JC/MD
Sample : J3528-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TPTW-01

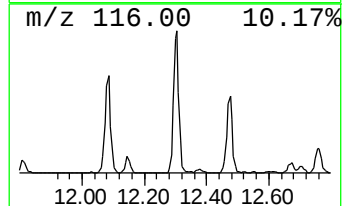
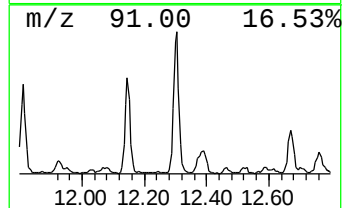
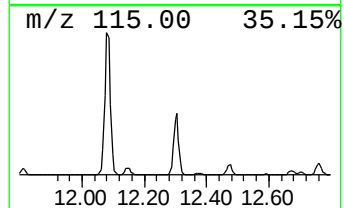
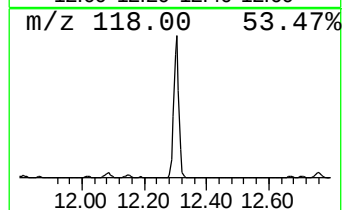
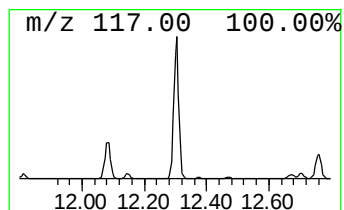
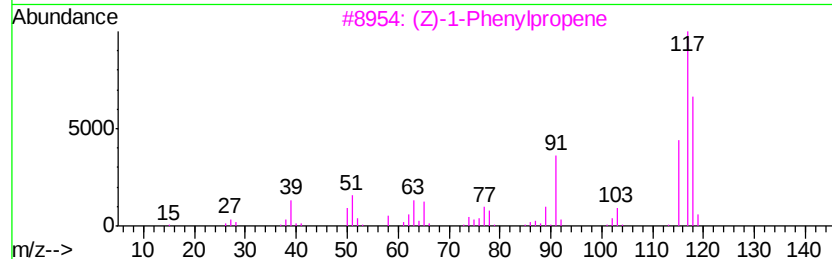
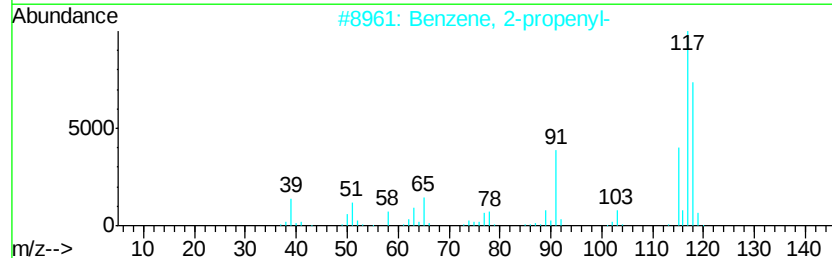
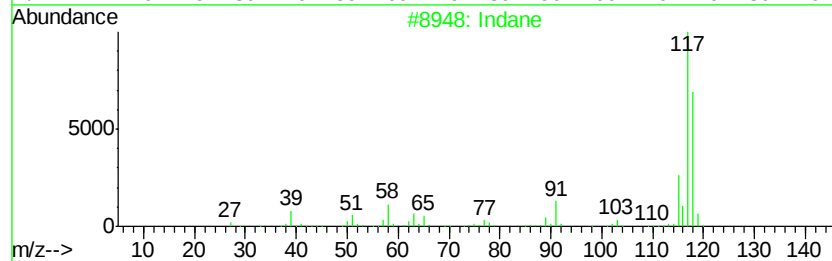
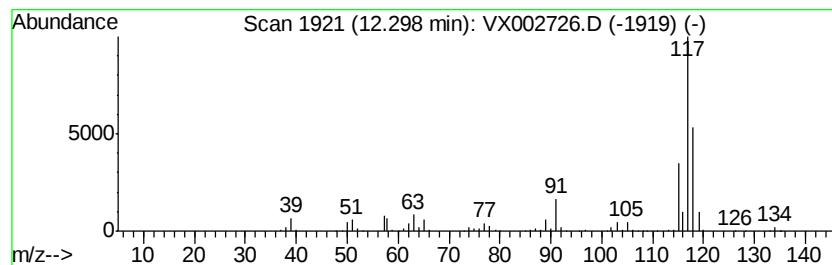
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Quant Title : SW846 8260

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

Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	18.44 ug/l	369047	1,4-Dichlorobenzene-d4	12.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	83
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	83
3	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	76
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
Data File : VX002726.D
Acq On : 19 Jun 2018 21:11
Operator : JC/MD
Sample : J3528-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TPTW-01

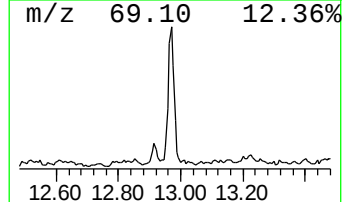
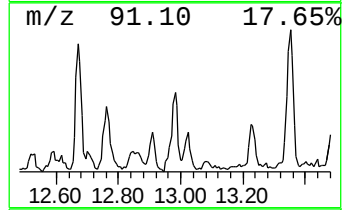
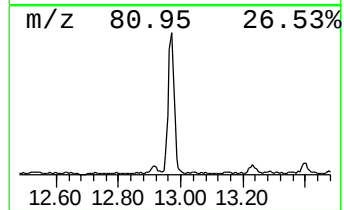
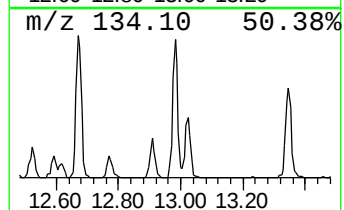
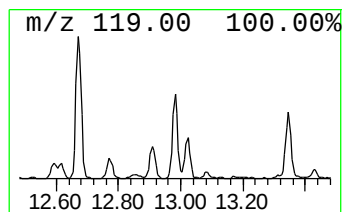
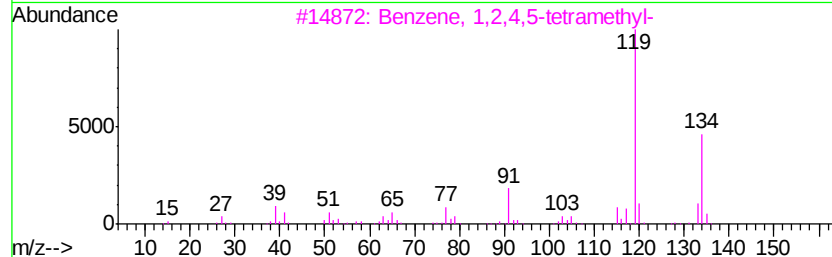
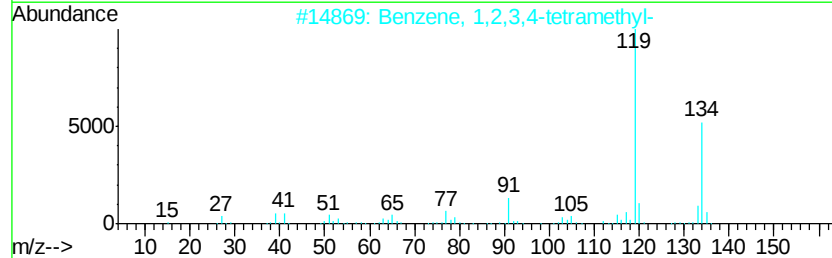
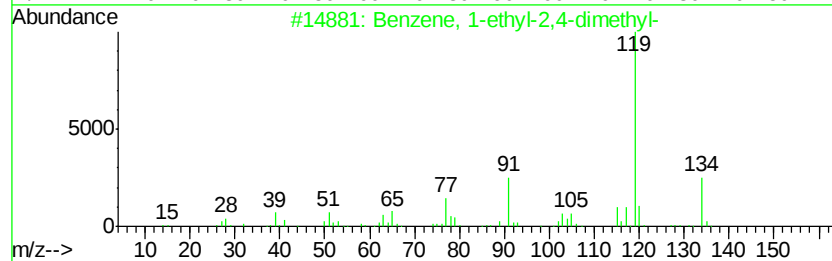
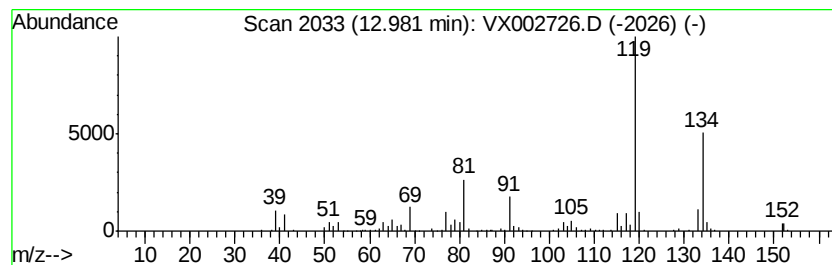
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.62 ug/l	112380	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
Data File : VX002726.D
Acq On : 19 Jun 2018 21:11
Operator : JC/MD
Sample : J3528-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TPTW-01

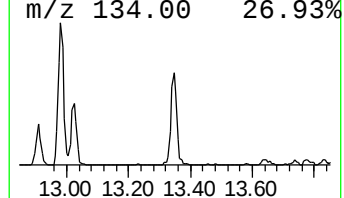
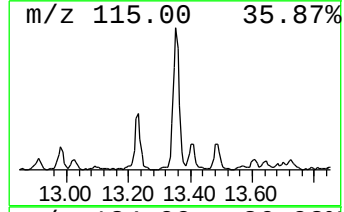
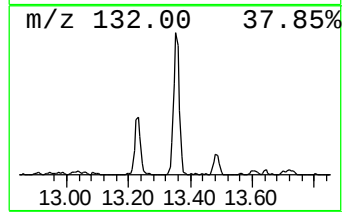
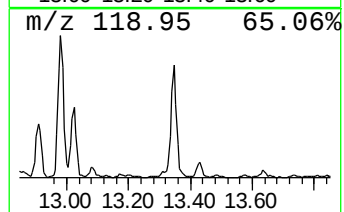
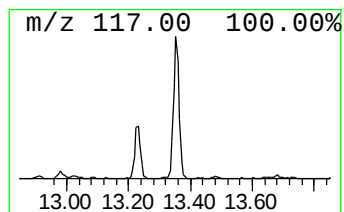
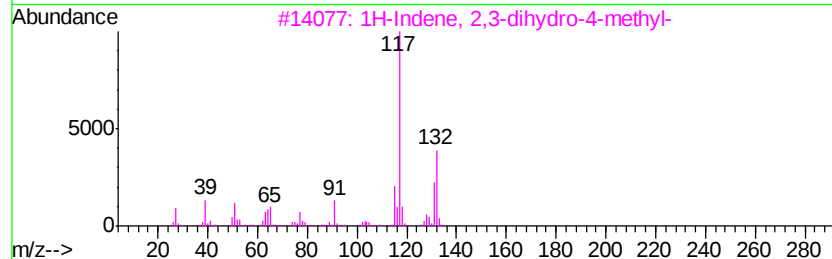
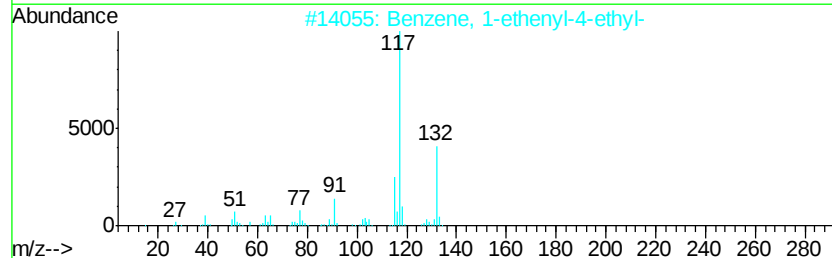
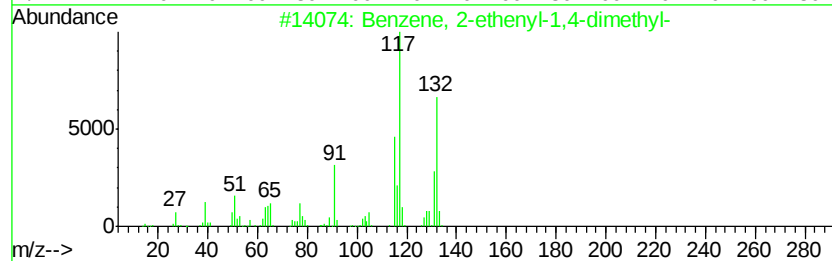
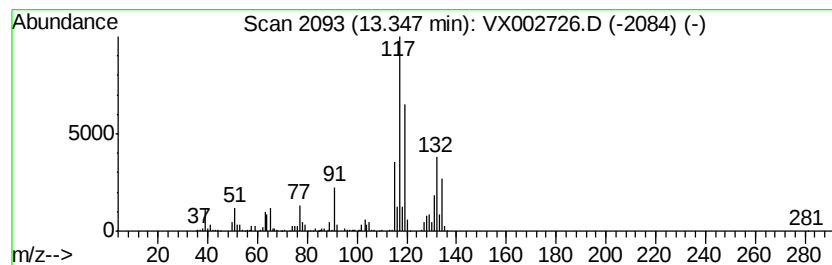
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.12 ug/l	162545	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061918\
Data File : VX002726.D
Acq On : 19 Jun 2018 21:11
Operator : JC/MD
Sample : J3528-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TPTW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.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
Sulfur dioxide	1.32	110.5	ug/l	1285070	1	5.67	581411	50.0
Isopropyl Alcohol	2.62	7.7	ug/l	89072	1	5.67	581411	50.0
Butane, 2-methoxy...	6.45	5.9	ug/l	83702	2	6.87	713305	50.0
Benzene, 1-ethyl-...	11.44	8.8	ug/l	175391	4	12.09	1000450	50.0
Benzene, 1,2,3-tr...	12.15	14.9	ug/l	297872	4	12.09	1000450	50.0
Indane	12.30	18.4	ug/l	369047	4	12.09	1000450	50.0
Benzene, 1-ethyl-...	12.98	5.6	ug/l	112380	4	12.09	1000450	50.0
Benzene, 2-etheny...	13.35	8.1	ug/l	162545	4	12.09	1000450	50.0