

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003115.D
 Acq On : 01 Jul 2018 08:39
 Operator : JC/MD
 Sample : J3799-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

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\82X062518W.M
 Title : SW846 8260

Signal : TIC: VX003114.D

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	91	rBV	1657955	2004996	100.00%	13.596%
2	1.301	108	117	146	rBV	400517	1781331	88.84%	12.079%
3	2.623	329	334	341	rBV	17329	44046	2.20%	0.299%
4	5.507	795	807	821	rBV2	188831	538696	26.87%	3.653%
5	5.666	823	833	853	rVB	275041	767467	38.28%	5.204%
6	6.074	888	900	915	rBV	193223	505574	25.22%	3.428%
7	6.867	1020	1030	1053	rBV2	384229	910991	45.44%	6.177%
8	8.720	1326	1334	1347	rBV	947964	1452376	72.44%	9.849%
9	10.116	1557	1563	1571	rBV	823934	1096437	54.69%	7.435%
10	10.659	1639	1652	1657	rBV8	8723	26359	1.31%	0.179%
11	11.140	1725	1731	1736	rBV	845278	1050041	52.37%	7.120%
12	11.677	1812	1819	1826	rVB5	11919	23007	1.15%	0.156%
13	11.774	1826	1835	1838	rBV	37588	56952	2.84%	0.386%
14	11.921	1853	1859	1862	rBV	52922	77691	3.87%	0.527%
15	12.079	1880	1885	1891	rBV	1026946	1266389	63.16%	8.587%
16	12.238	1906	1911	1915	rBV	82896	103424	5.16%	0.701%
17	12.390	1930	1936	1941	rVB8	13571	26335	1.31%	0.179%
18	12.463	1943	1948	1955	rBV	74124	99613	4.97%	0.675%
19	12.652	1972	1979	1984	rVB4	24247	47513	2.37%	0.322%
20	12.719	1984	1990	1994	rBV2	40196	62401	3.11%	0.423%
21	12.817	2003	2006	2011	rVB	49825	65380	3.26%	0.443%
22	12.878	2011	2016	2017	rBV2	51634	69756	3.48%	0.473%
23	12.896	2017	2019	2024	rVV	118401	148110	7.39%	1.004%
24	12.957	2025	2029	2031	rVV	84014	108038	5.39%	0.733%
25	12.981	2031	2033	2038	rVV2	64968	84955	4.24%	0.576%
26	13.030	2038	2041	2047	rVB	23769	33988	1.70%	0.230%
27	13.091	2047	2051	2057	rVB5	17310	26899	1.34%	0.182%
28	13.195	2057	2068	2073	rBV2	61848	99374	4.96%	0.674%
29	13.305	2082	2086	2091	rBV	22549	31733	1.58%	0.215%
30	13.463	2107	2112	2121	rBV8	28142	67015	3.34%	0.454%
31	13.591	2131	2133	2137	rVB3	19481	25031	1.25%	0.170%
32	13.640	2137	2141	2145	rBV	51894	69751	3.48%	0.473%
33	13.682	2145	2148	2154	rVV4	34757	67648	3.37%	0.459%
34	13.853	2166	2176	2181	rVB4	32501	78453	3.91%	0.532%

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35	13.914	2181	2186	2190	rBV	128064	174269	8.69%	1.182%
36	13.963	2190	2194	2196	rVV2	39619	54102	2.70%	0.367%
37	13.987	2196	2198	2203	rVV2	52945	65521	3.27%	0.444%
38	14.036	2203	2206	2211	rVB2	24741	36599	1.83%	0.248%
39	14.128	2218	2221	2225	rVB	39384	46483	2.32%	0.315%
40	14.274	2242	2245	2247	rBV2	22380	32658	1.63%	0.221%
41	14.377	2256	2262	2266	rBV	121828	178797	8.92%	1.212%
42	14.432	2266	2271	2277	rVB4	51371	93678	4.67%	0.635%
43	14.554	2286	2291	2292	rBV2	17132	22944	1.14%	0.156%
44	14.676	2308	2311	2317	rVB3	42805	68105	3.40%	0.462%
45	14.731	2317	2320	2324	rBV2	81118	101001	5.04%	0.685%
46	14.853	2335	2340	2344	rVV	129898	194547	9.70%	1.319%
47	14.914	2347	2350	2353	rVB3	33569	41663	2.08%	0.283%
48	14.987	2358	2362	2366	rVB5	16798	29471	1.47%	0.200%
49	15.091	2375	2379	2390	rBV2	22734	43486	2.17%	0.295%
50	15.249	2400	2405	2411	rVB2	39012	71616	3.57%	0.486%
51	15.329	2414	2418	2424	rVB5	25088	42653	2.13%	0.289%
52	15.396	2424	2429	2434	rBV7	17953	35751	1.78%	0.242%
53	15.481	2440	2443	2447	rVB3	15930	20411	1.02%	0.138%
54	15.670	2470	2474	2480	rVB2	38089	62637	3.12%	0.425%
55	15.731	2481	2484	2490	rVB4	16321	27718	1.38%	0.188%
56	15.810	2492	2497	2505	rBV2	37349	80318	4.01%	0.545%
57	15.896	2506	2511	2513	rVV	56844	94544	4.72%	0.641%
58	15.926	2513	2516	2524	rVB	60063	97456	4.86%	0.661%
59	16.072	2535	2540	2553	rVV2	41223	84846	4.23%	0.575%
60	16.176	2553	2557	2564	rVV6	14269	27969	1.39%	0.190%

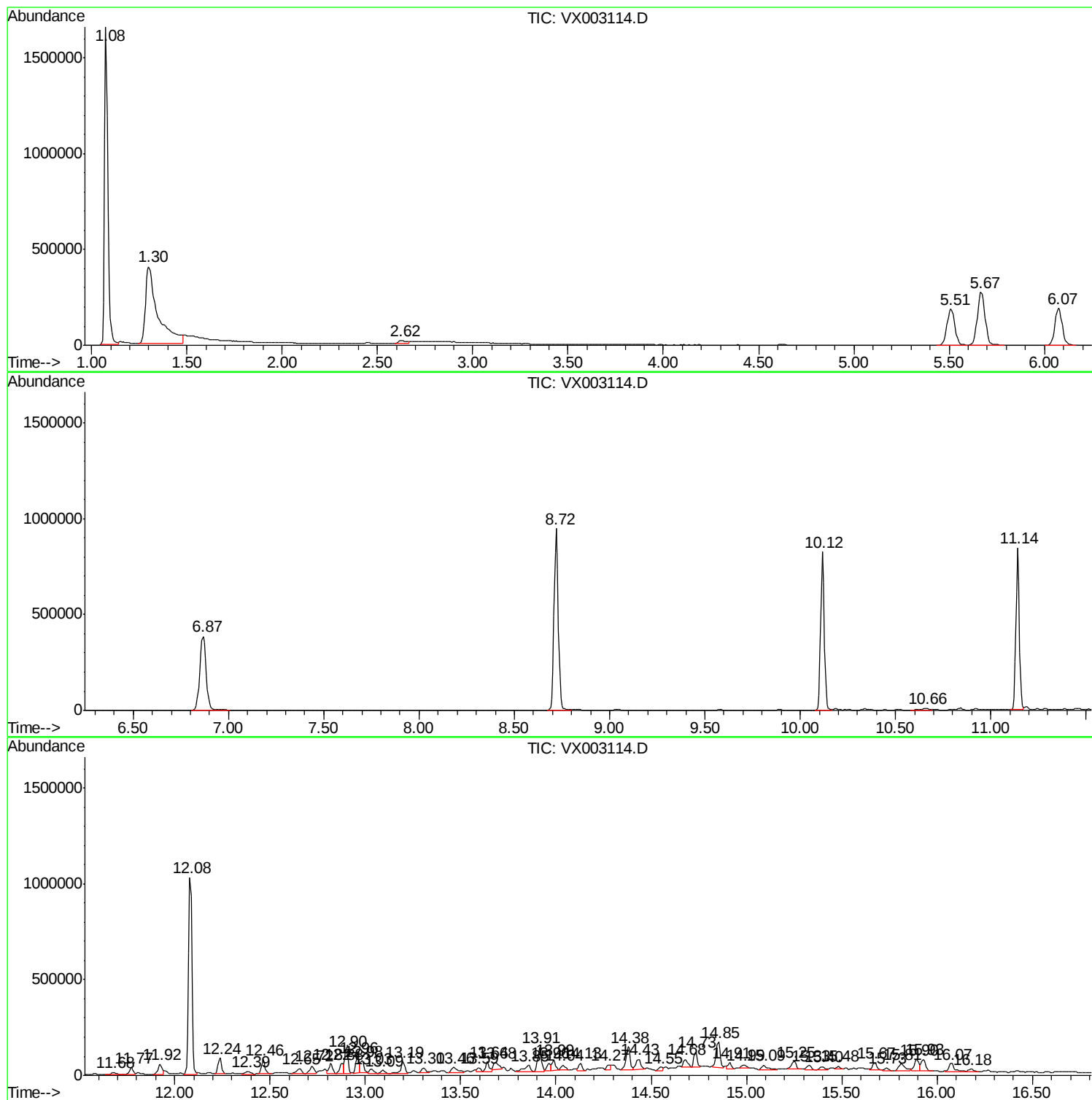
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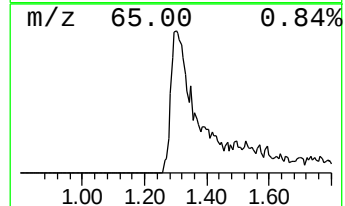
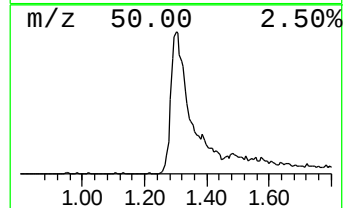
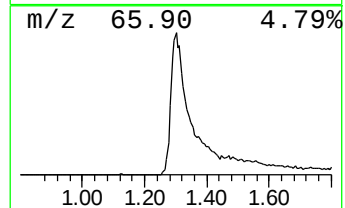
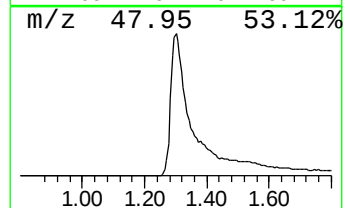
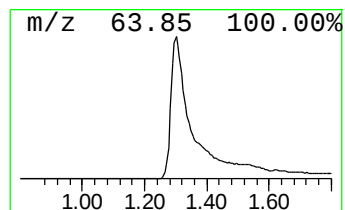
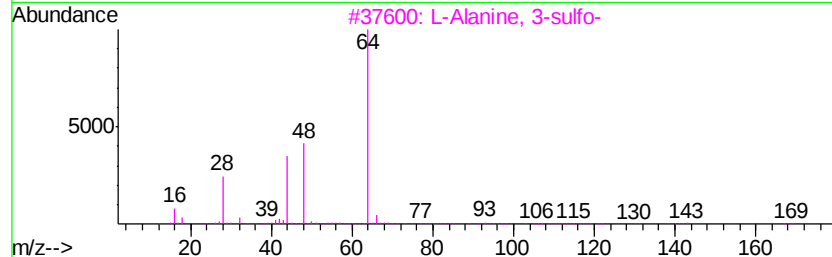
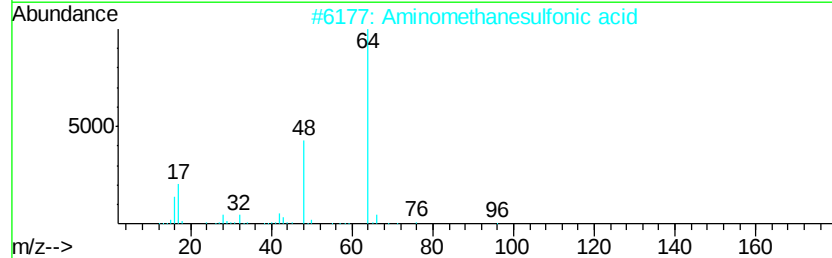
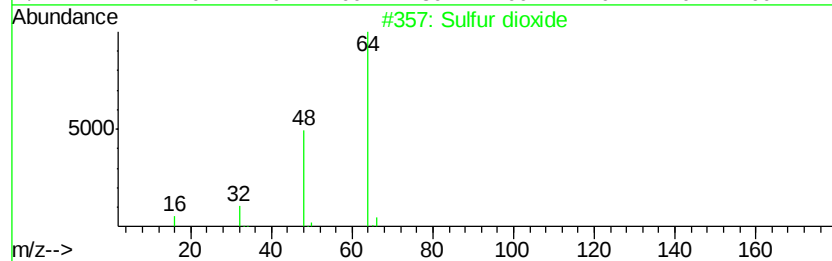
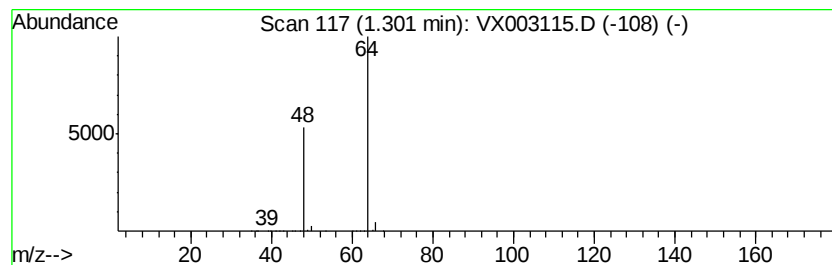
Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	116.05 ug/l	1781330	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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ALS Vial : 49 Sample Multiplier: 1

Instrument :
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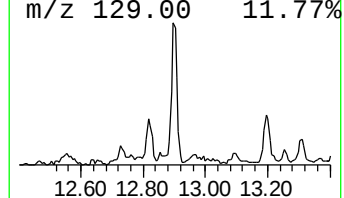
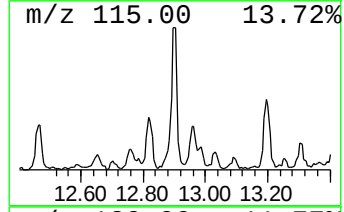
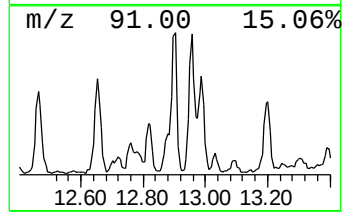
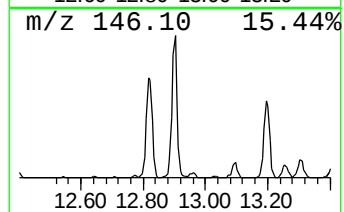
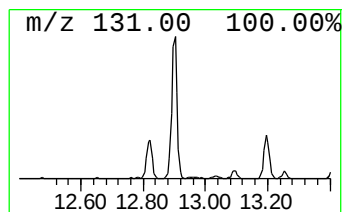
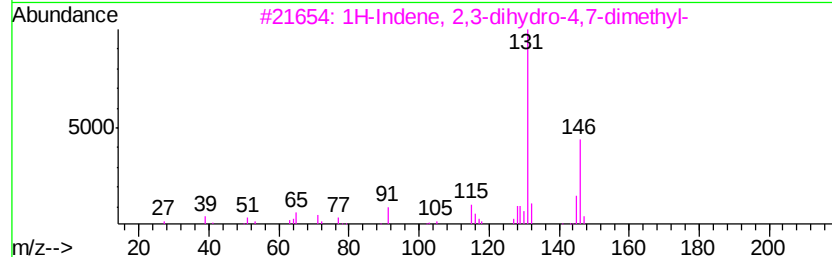
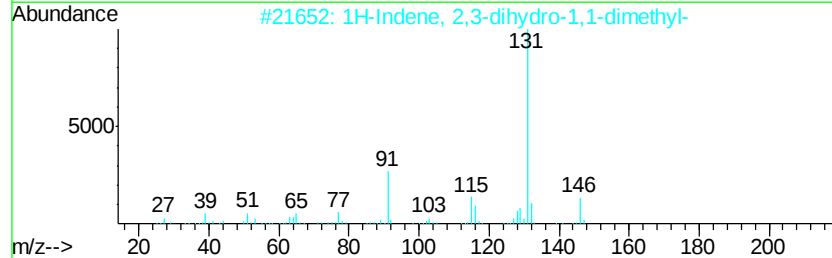
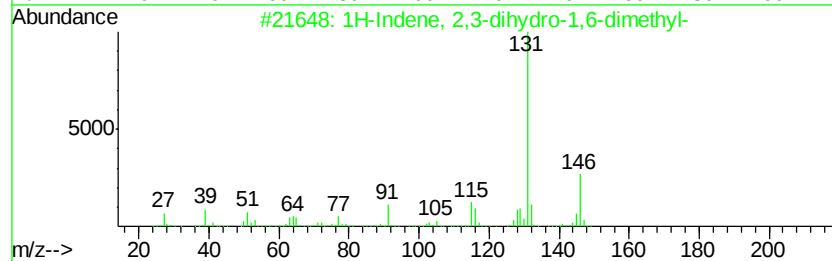
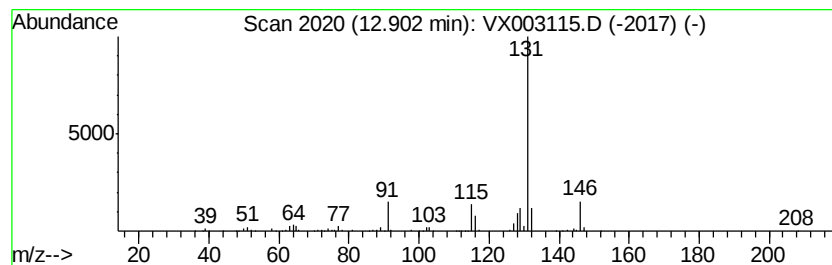
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.85 ug/l	148110	1,4-Dichlorobenzene-d4	12.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86



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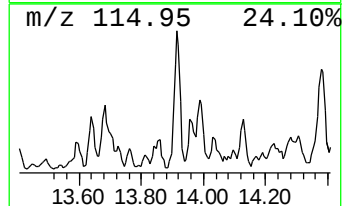
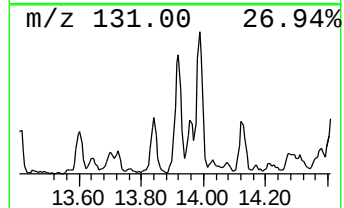
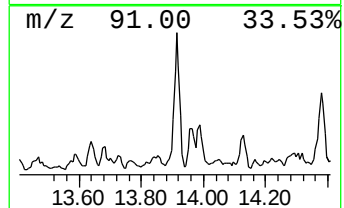
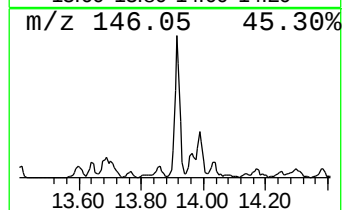
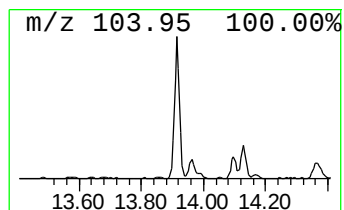
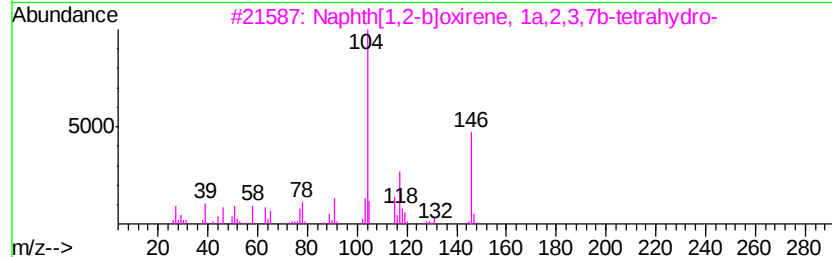
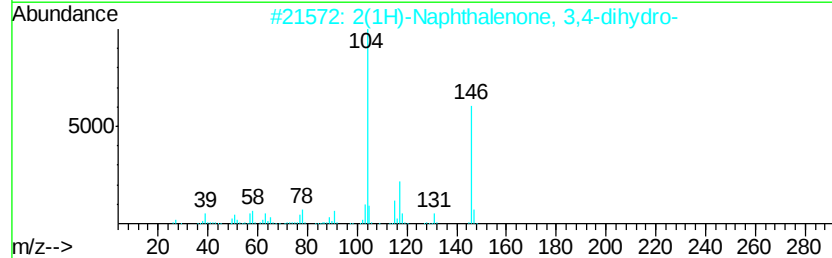
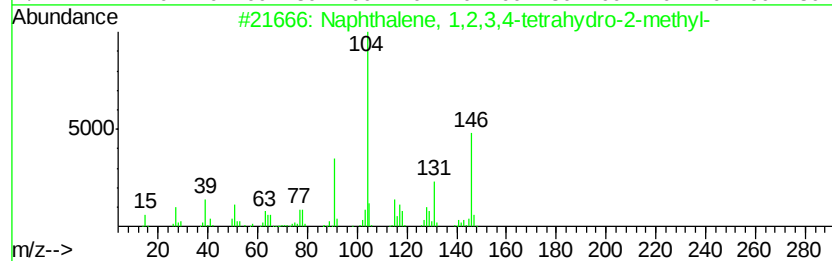
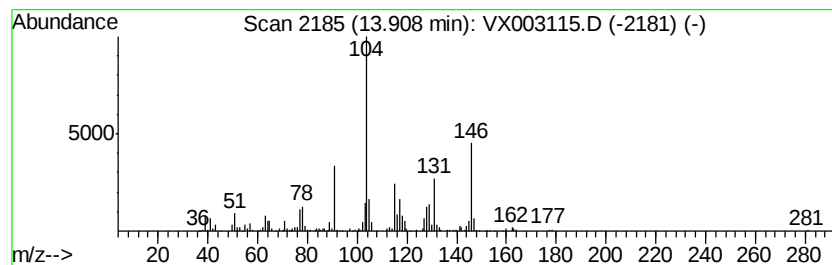
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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	6.88 ug/l	174269	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	97
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
4		5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	59
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47



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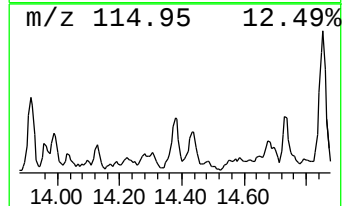
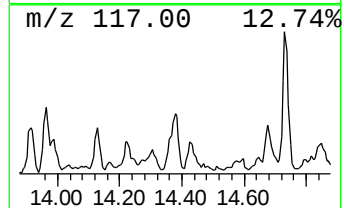
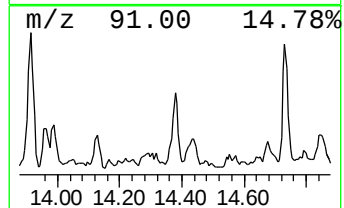
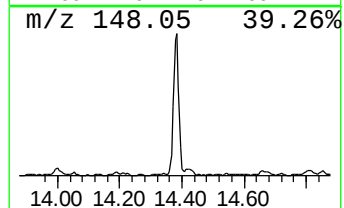
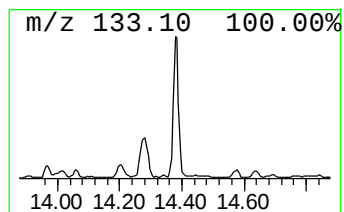
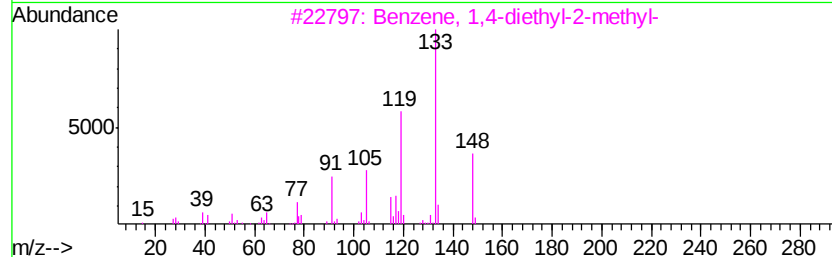
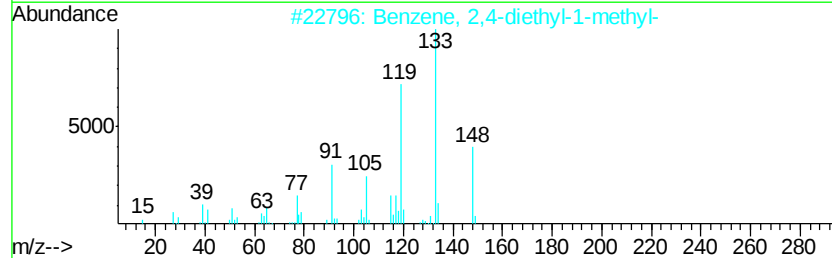
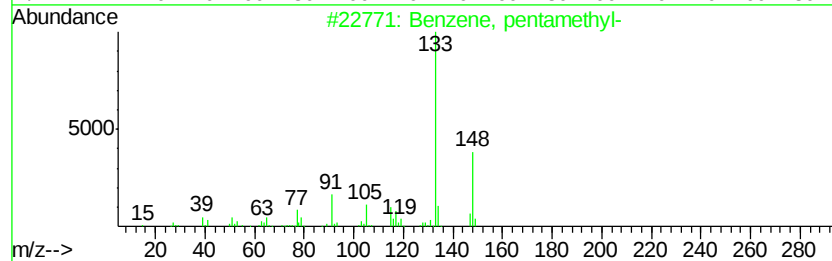
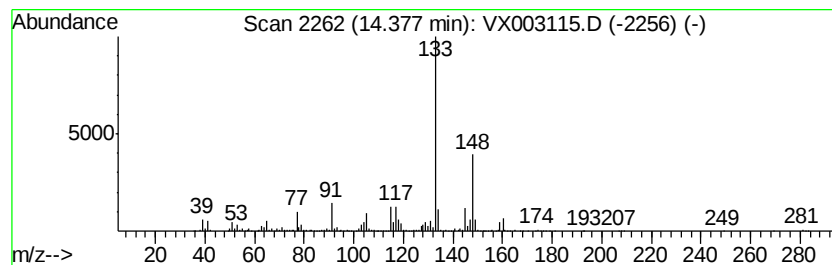
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Peak Number 5 Benzene, pentamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.06 ug/l	178797	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83



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MW-24

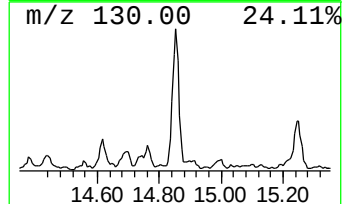
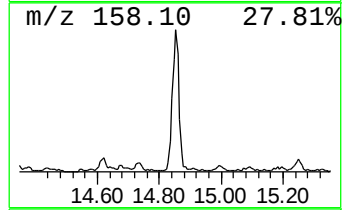
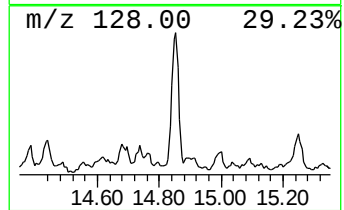
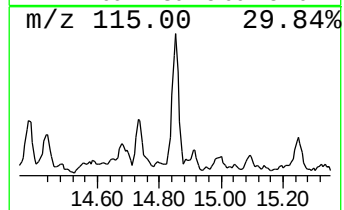
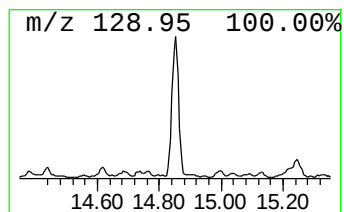
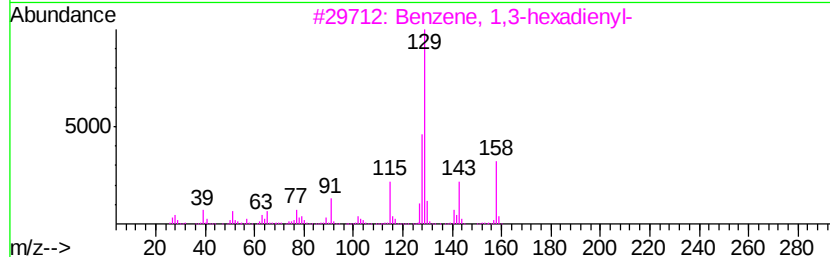
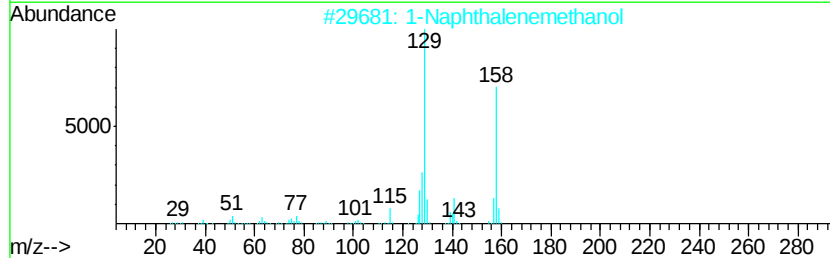
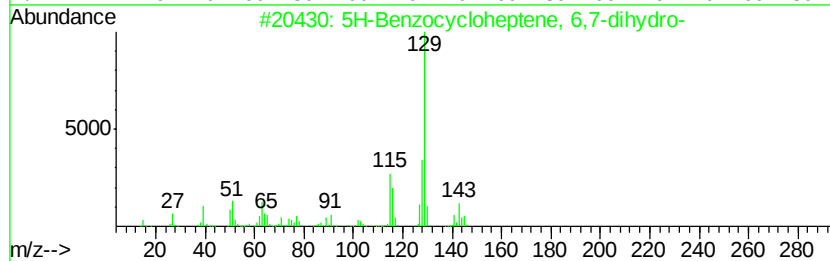
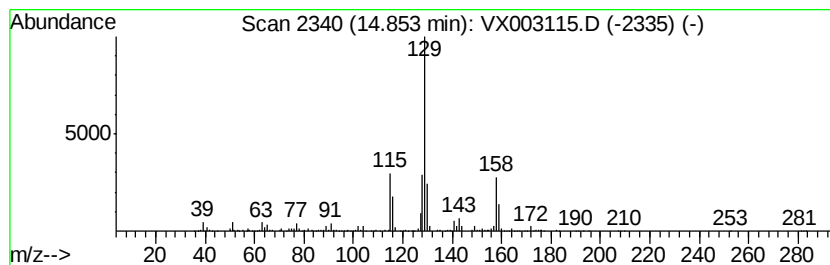
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Quant Title : SW846 8260

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

Peak Number 6 5H-Benzocycloheptene, 6,7-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.68 ug/l	194547	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	64
2		1-Naphthalenemethanol	158	C11H10O	004780-79-4	50
3		Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	46
4		1-(2-Methyl-allyl)-1,2,3,4-tetra...	202	C14H18O	1000192-52-9	45
5		Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	37



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003115.D
Acq On : 01 Jul 2018 08:39
Operator : JC/MD
Sample : J3799-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.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	1.30	116.1	ug/l	1781330	1	5.67	767467	50.0
1H-Indene, 2,3-di...	12.90	5.8	ug/l	148110	4	12.08	1266390	50.0
Naphthalene, 1,2,...	13.91	6.9	ug/l	174269	4	12.08	1266390	50.0
Benzene, pentamet...	14.38	7.1	ug/l	178797	4	12.08	1266390	50.0
5H-Benzocyclohept...	14.85	7.7	ug/l	194547	4	12.08	1266390	50.0