

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048743.D
 Acq On : 31 May 2022 17:07
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

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 >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Title : SW846 8260

Signal : TIC: VU048743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.469	30	40	55	rBV	258969	565365	34.54%	2.026%
2	2.465	343	350	363	rVB3	12155	21576	1.32%	0.077%
3	3.083	514	542	564	rBV	200679	445655	27.22%	1.597%
4	3.359	611	628	651	rVB2	105823	236567	14.45%	0.848%
5	3.697	717	733	752	rBV2	195633	438383	26.78%	1.571%
6	4.298	899	920	939	rBV3	22737	63390	3.87%	0.227%
7	4.433	943	962	983	rBV	212500	533864	32.61%	1.913%
8	5.134	1155	1180	1203	rBV2	29960	88005	5.38%	0.315%
9	5.292	1203	1229	1241	rBV	211505	469331	28.67%	1.682%
10	5.372	1241	1254	1268	rVV2	717318	1535886	93.82%	5.504%
11	5.462	1268	1282	1303	rVB	583973	1377076	84.12%	4.935%
12	5.594	1304	1323	1344	rBV2	542538	1174047	71.72%	4.207%
13	5.703	1344	1357	1375	rVB	228666	459698	28.08%	1.647%
14	5.851	1388	1403	1409	rBV	236002	499180	30.49%	1.789%
15	5.903	1409	1419	1436	rVV2	644789	1637034	100.00%	5.866%
16	5.989	1436	1446	1472	rVB2	115211	269807	16.48%	0.967%
17	6.134	1477	1491	1501	rBV	171572	329980	20.16%	1.182%
18	6.182	1501	1506	1515	rVV2	41229	65850	4.02%	0.236%
19	6.250	1515	1527	1549	rVV	505670	984691	60.15%	3.528%
20	6.346	1549	1557	1570	rVB2	37895	67378	4.12%	0.241%
21	6.559	1613	1623	1633	rBV4	12189	22979	1.40%	0.082%
22	6.761	1662	1686	1697	rBV4	282906	793546	48.47%	2.844%
23	6.867	1709	1719	1728	rBV2	83939	146084	8.92%	0.523%
24	6.925	1728	1737	1746	rVV	63314	119152	7.28%	0.427%
25	6.983	1746	1755	1767	rVB2	103639	188033	11.49%	0.674%
26	7.073	1767	1783	1796	rVB	95786	191570	11.70%	0.686%
27	7.256	1822	1840	1855	rBV	476697	971008	59.32%	3.479%
28	7.333	1855	1864	1866	rBV3	31038	43106	2.63%	0.154%
29	7.382	1867	1879	1891	rBV	769555	1480808	90.46%	5.306%
30	7.539	1923	1928	1935	rVB3	28950	39457	2.41%	0.141%
31	7.587	1936	1943	1946	rBV4	24272	30619	1.87%	0.110%
32	7.658	1960	1965	1971	rVV2	24610	28246	1.73%	0.101%
33	7.697	1972	1977	1990	rVB6	28565	43562	2.66%	0.156%
34	7.771	1991	2000	2012	rVB3	67577	125933	7.69%	0.451%
35	7.858	2012	2027	2031	rBV5	176605	321729	19.65%	1.153%
36	7.899	2031	2040	2053	rVB	783424	1366483	83.47%	4.897%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048743.D
 Acq On : 31 May 2022 17:07
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

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 >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Title : SW846 8260

37	8.021	2067	2078	2085	rBV4	76664	163056	9.96%	0.584%
38	8.157	2116	2120	2131	rVB5	30783	45251	2.76%	0.162%
39	8.243	2133	2147	2168	rVB3	73666	222679	13.60%	0.798%
40	8.369	2168	2186	2196	rBV3	158998	315434	19.27%	1.130%
41	8.658	2262	2276	2284	rBV2	41334	75910	4.64%	0.272%
42	8.809	2312	2323	2333	rVV2	70505	139589	8.53%	0.500%
43	8.867	2333	2341	2351	rVV	68086	113847	6.95%	0.408%
44	8.928	2351	2360	2390	rVB7	36393	117821	7.20%	0.422%
45	9.070	2394	2404	2415	rVB9	17164	34235	2.09%	0.123%
46	9.173	2425	2436	2455	rBV10	21190	71750	4.38%	0.257%
47	9.417	2499	2512	2527	rBV	696120	1166011	71.23%	4.178%
48	9.510	2528	2541	2550	rVB5	25428	61614	3.76%	0.221%
49	9.571	2553	2560	2568	rBV6	12530	20233	1.24%	0.073%
50	10.028	2689	2702	2712	rBV3	29347	62830	3.84%	0.225%
51	10.272	2756	2778	2793	rBV9	29269	86866	5.31%	0.311%
52	10.375	2799	2810	2825	rVB10	15136	35478	2.17%	0.127%
53	10.636	2878	2891	2904	rBV	536156	863214	52.73%	3.093%
54	10.703	2905	2912	2919	rVV8	14669	26039	1.59%	0.093%
55	10.861	2952	2961	2973	rBV3	28029	62661	3.83%	0.225%
56	11.304	3083	3099	3111	rBV6	13681	26817	1.64%	0.096%
57	11.472	3141	3151	3164	rBV	12710	23073	1.41%	0.083%
58	11.613	3180	3195	3200	rBV	49365	81667	4.99%	0.293%
59	11.645	3200	3205	3219	rVB	41329	61443	3.75%	0.220%
60	11.745	3227	3236	3244	rBV	19364	29231	1.79%	0.105%
61	11.812	3244	3257	3276	rBV	768541	1233751	75.37%	4.421%
62	12.127	3334	3355	3363	rBV2	266313	533790	32.61%	1.913%
63	12.185	3363	3373	3393	rVB5	354527	819887	50.08%	2.938%
64	12.378	3422	3433	3446	rVB2	87223	138588	8.47%	0.497%
65	12.465	3447	3460	3464	rBV2	52732	76211	4.66%	0.273%
66	12.497	3465	3470	3481	rVB	77130	109101	6.66%	0.391%
67	12.571	3481	3493	3504	rVB	140069	213286	13.03%	0.764%
68	12.716	3523	3538	3549	rBV5	96631	208660	12.75%	0.748%
69	12.812	3556	3568	3577	rVB3	45348	81182	4.96%	0.291%
70	12.867	3578	3585	3598	rVB9	15438	32399	1.98%	0.116%
71	12.944	3598	3609	3612	rBV3	36672	53403	3.26%	0.191%
72	12.976	3612	3619	3627	rVB3	63854	101224	6.18%	0.363%
73	13.028	3627	3635	3648	rVB2	56872	91752	5.60%	0.329%
74	13.108	3648	3660	3664	rBV2	126359	196908	12.03%	0.706%
75	13.137	3664	3669	3675	rVV	137778	204302	12.48%	0.732%
76	13.169	3675	3679	3686	rVB	87085	102413	6.26%	0.367%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

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_U\Method\82U052622W.M
Title : SW846 8260

77	13.256	3700	3706	3710	rBV3	34948	44864	2.74%	0.161%
78	13.352	3723	3736	3744	rBV3	81977	133875	8.18%	0.480%
79	13.407	3744	3753	3763	rBV3	118576	206312	12.60%	0.739%
80	13.468	3763	3772	3783	rBV3	110279	259423	15.85%	0.930%
81	13.561	3792	3801	3816	rVB	131724	208308	12.72%	0.746%
82	13.642	3816	3826	3836	rVB6	17252	37283	2.28%	0.134%
83	13.735	3844	3855	3862	rBV3	73405	129680	7.92%	0.465%
84	13.787	3862	3871	3878	rVV	89507	145288	8.88%	0.521%
85	13.835	3878	3886	3906	rVV3	252093	538138	32.87%	1.928%
86	13.947	3914	3921	3922	rBV2	54606	57963	3.54%	0.208%
87	14.018	3937	3943	3951	rBV3	16609	22808	1.39%	0.082%
88	14.291	4011	4028	4038	rBV5	57831	124441	7.60%	0.446%
89	14.349	4038	4046	4054	rVV2	44983	76542	4.68%	0.274%
90	14.394	4055	4060	4070	rVB4	19113	27961	1.71%	0.100%
91	14.487	4078	4089	4100	rBV2	80731	129935	7.94%	0.466%
92	14.600	4121	4124	4133	rVB4	15900	20705	1.26%	0.074%
93	14.668	4134	4145	4160	rBV3	70087	142468	8.70%	0.511%
94	14.809	4181	4189	4198	rVV2	50839	79208	4.84%	0.284%
95	14.880	4201	4211	4222	rVB3	52566	91071	5.56%	0.326%
96	15.028	4243	4257	4267	rBV4	17113	36301	2.22%	0.130%
97	15.227	4314	4319	4330	rVB2	13990	23678	1.45%	0.085%
98	15.413	4367	4377	4385	rBV2	20694	37576	2.30%	0.135%
99	16.262	4632	4641	4653	rBV3	13401	22166	1.35%	0.079%
100	16.413	4678	4688	4695	rBV2	19127	32142	1.96%	0.115%

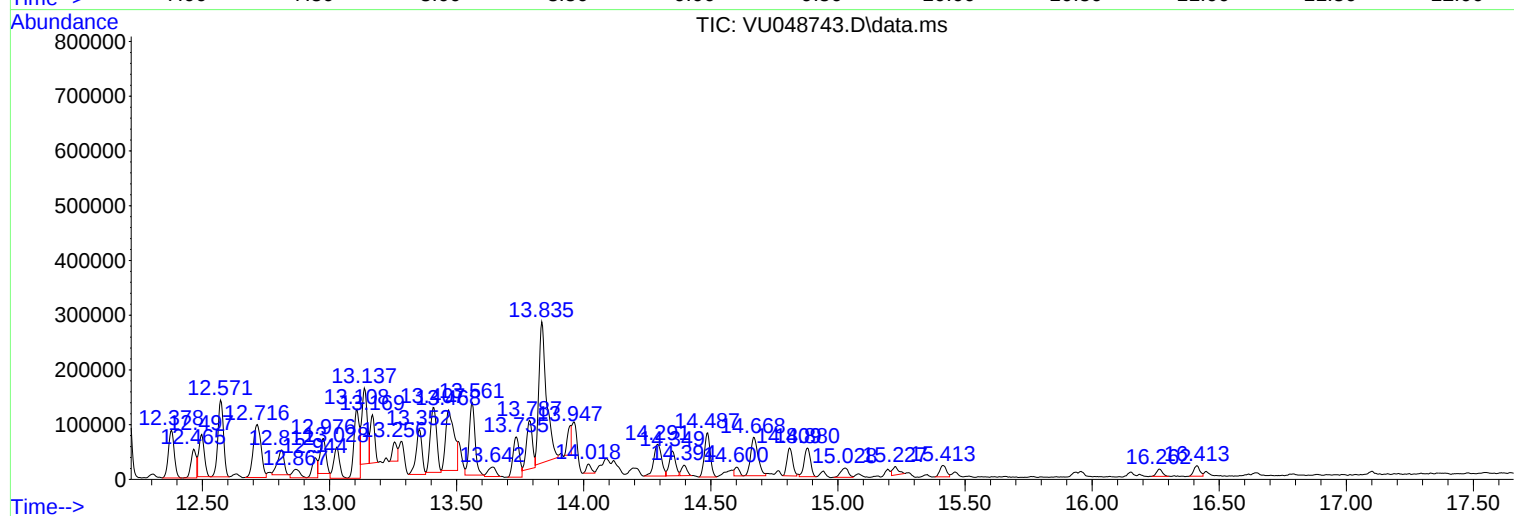
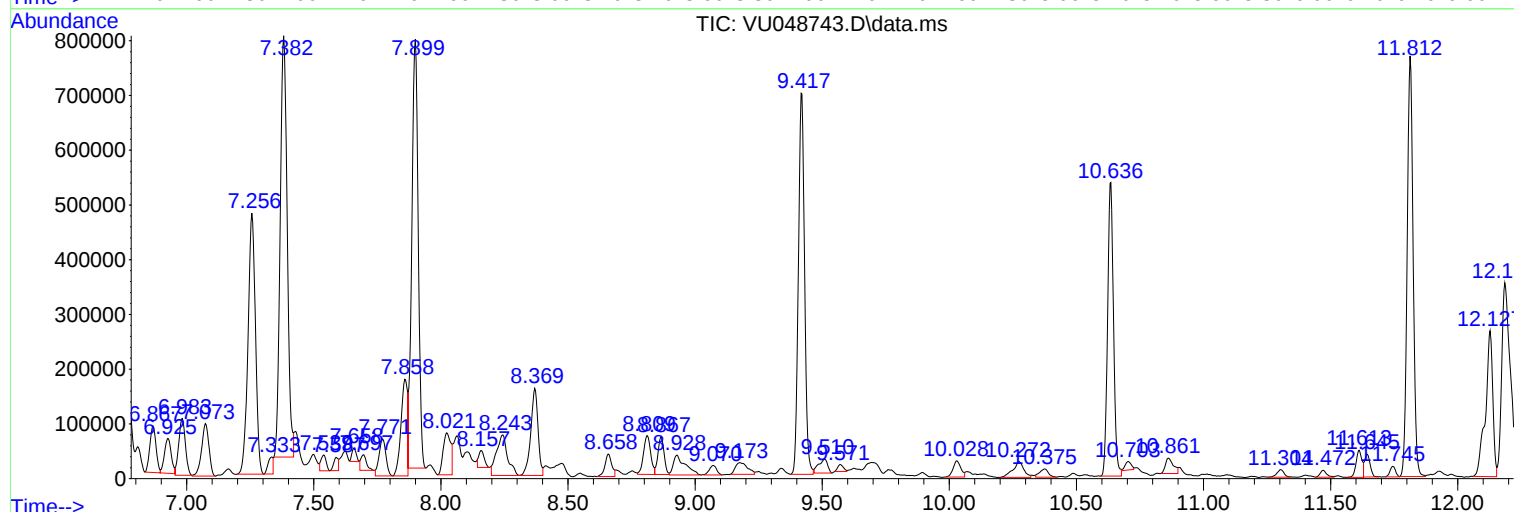
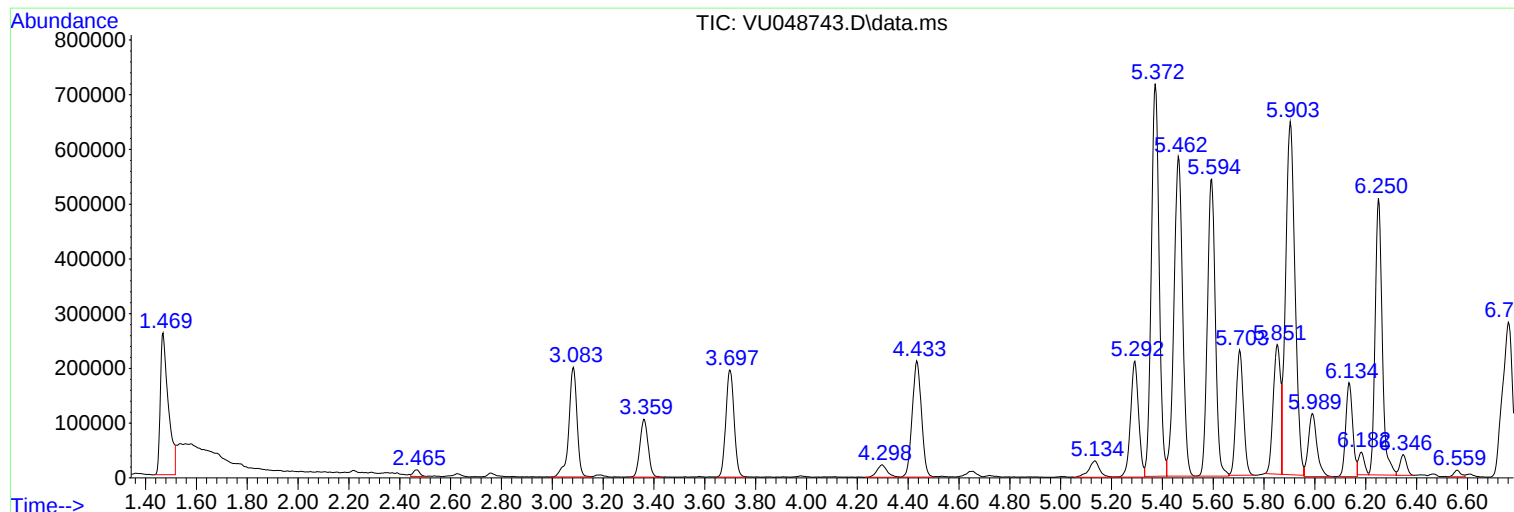
Sum of corrected areas: 27906820

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

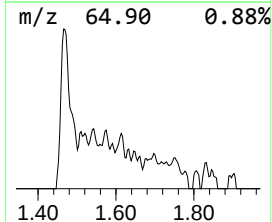
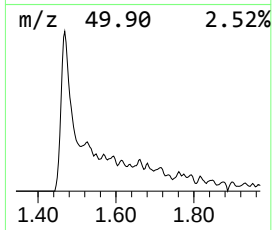
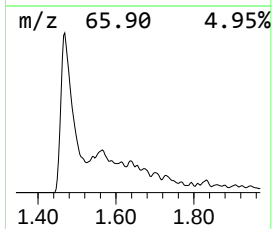
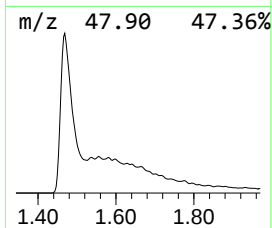
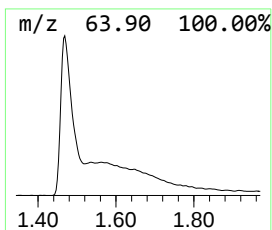
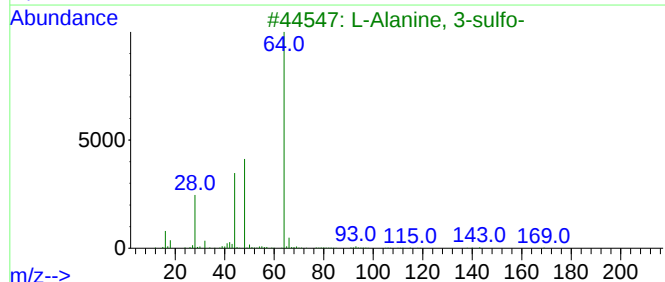
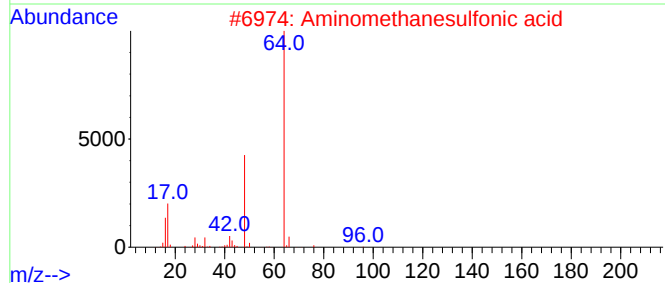
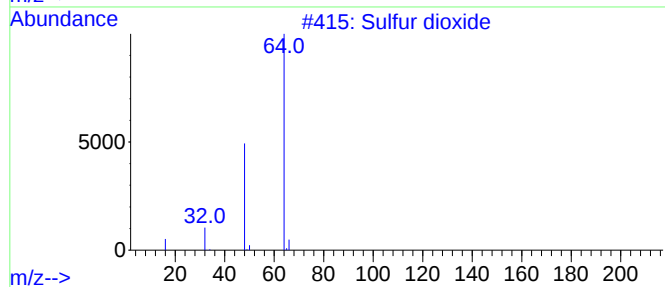
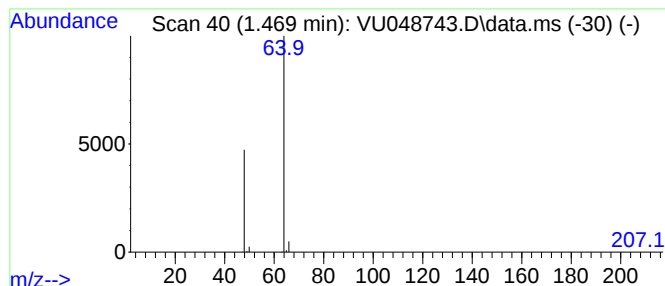
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	18.41 ug/l	565365	Pentafluorobenzene	5.375

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

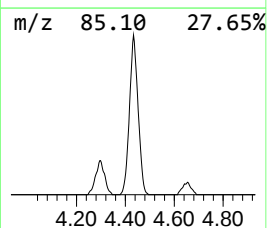
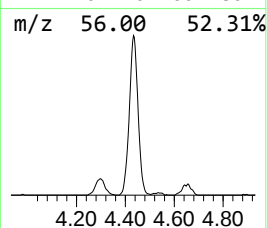
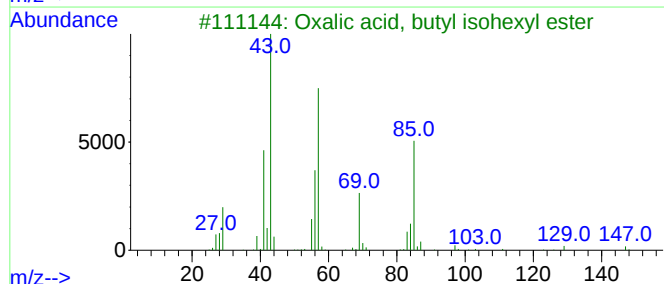
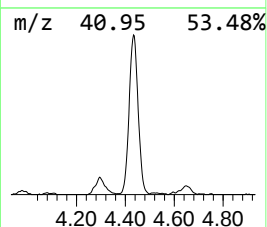
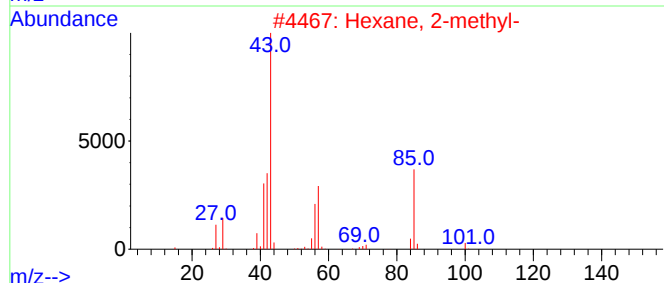
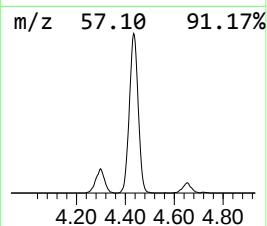
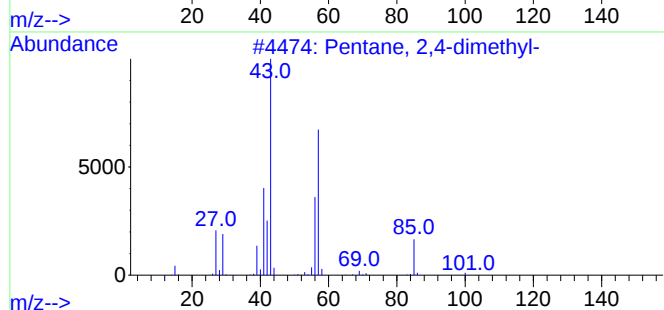
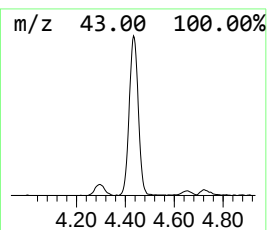
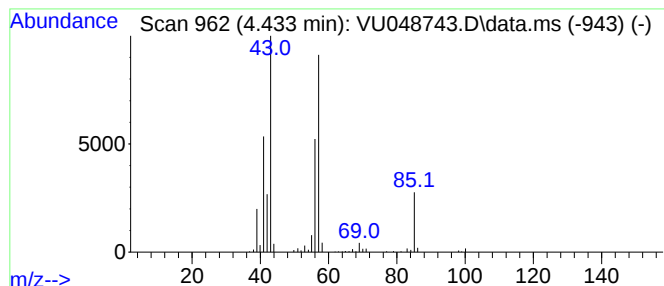
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.433	17.38 ug/l	533864	Pentafluorobenzene	5.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

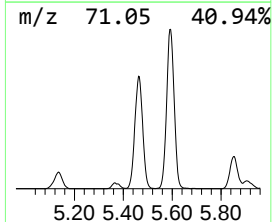
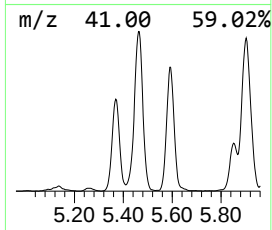
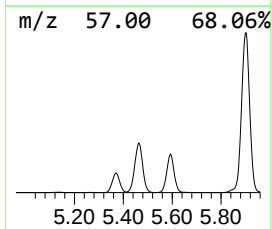
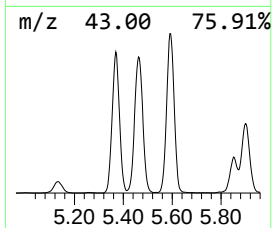
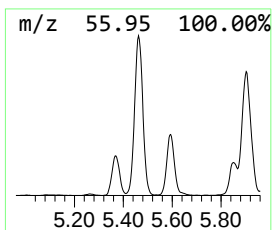
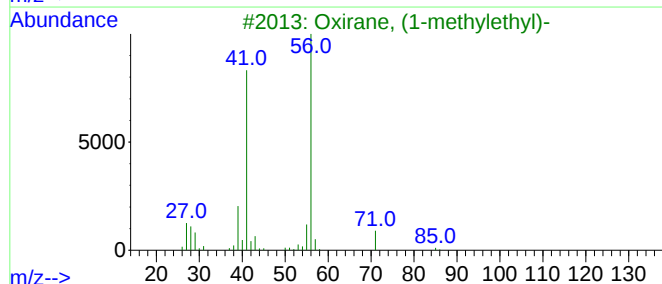
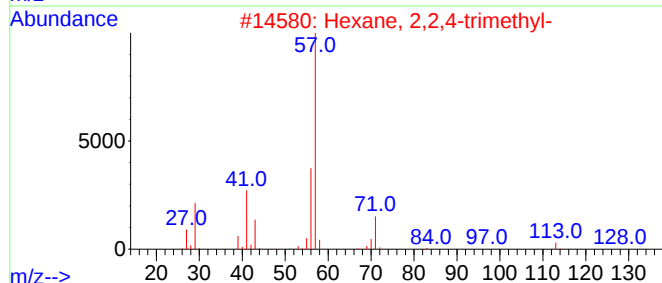
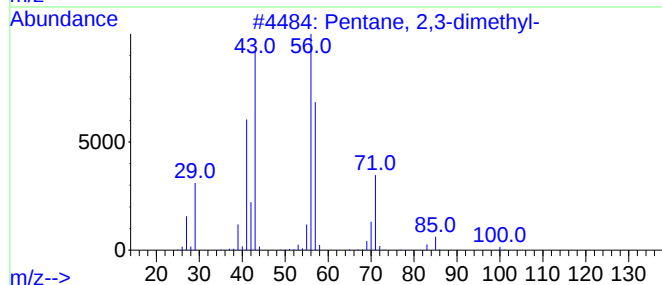
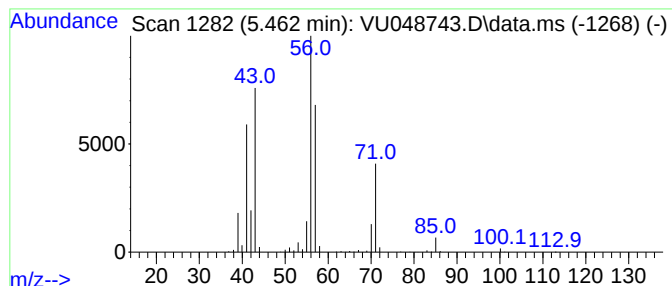
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.462	44.83 ug/l	1377080	Pentafluorobenzene	5.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
3			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

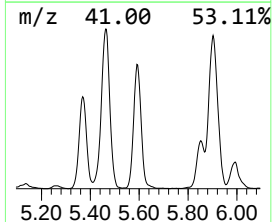
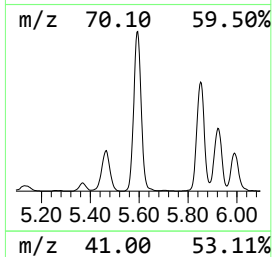
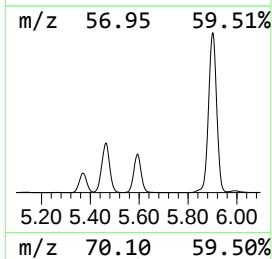
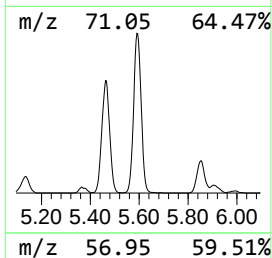
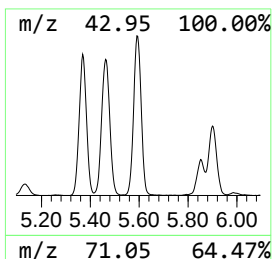
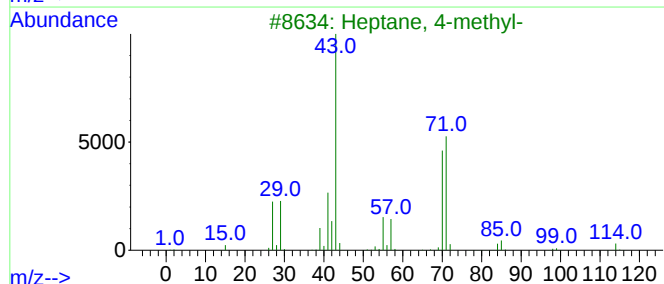
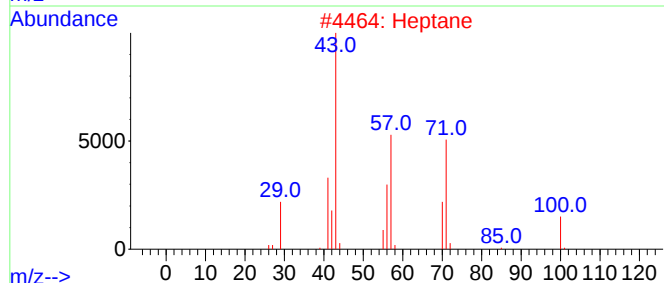
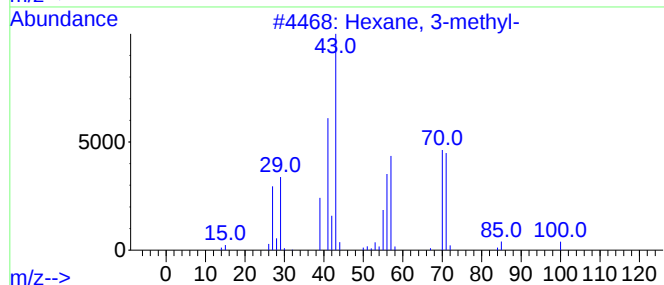
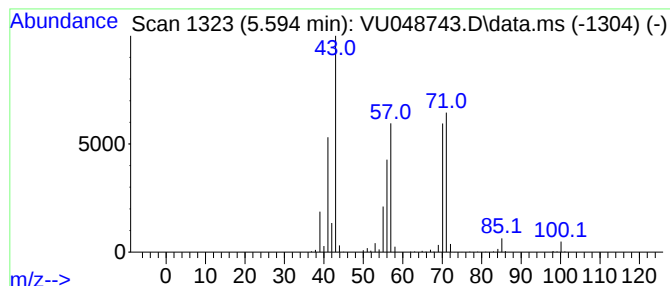
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.594	38.22 ug/l	1174050	Pentafluorobenzene	5.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-			100	C7H16	000589-34-4	91
2	Heptane			100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-			114	C8H18	000589-53-7	59
4	Decane, 3,3,4-trimethyl-			184	C13H28	049622-18-6	53
5	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

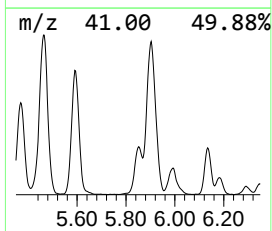
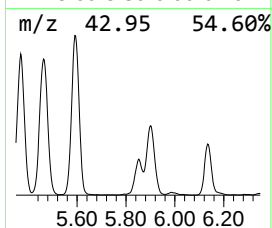
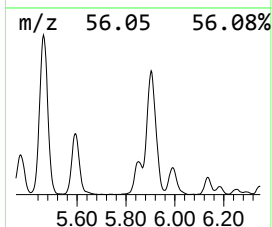
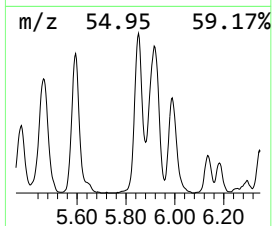
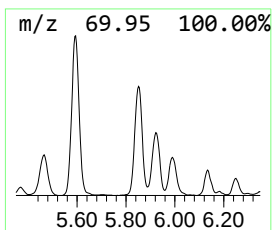
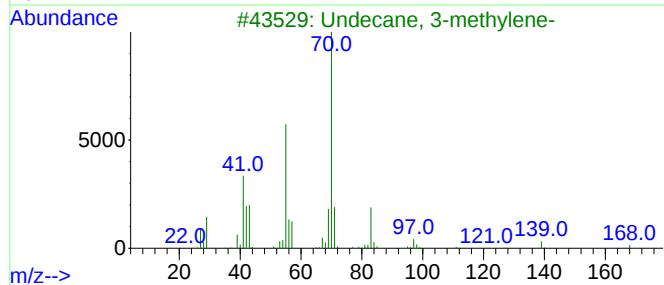
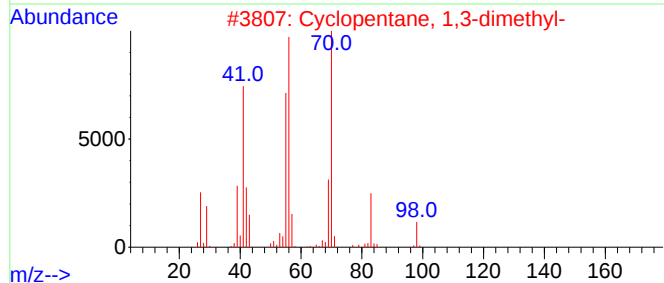
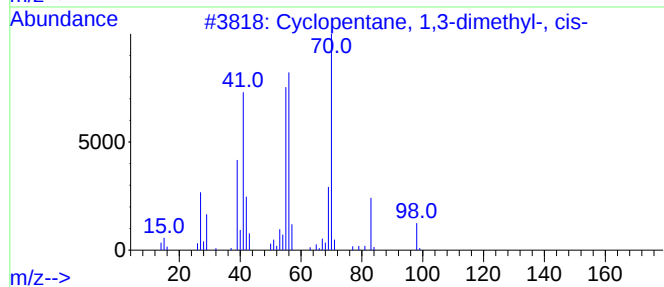
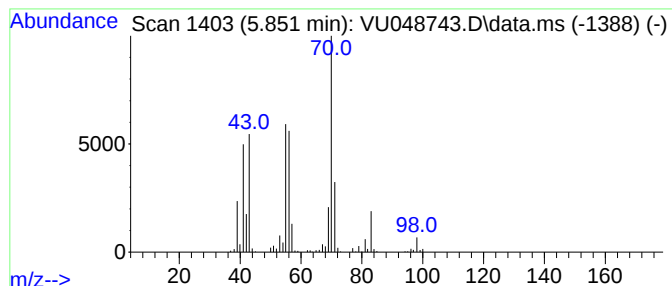
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	25.35 ug/l	499180	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3			Undecane, 3-methylene-	168	C12H24	071138-64-2	59
4			Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	53
5			1-Heptene, 5-methyl-	112	C8H16	013151-04-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

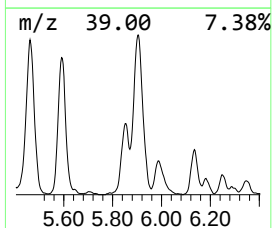
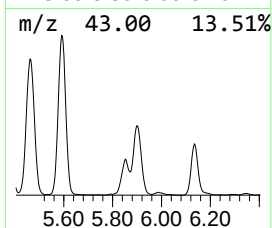
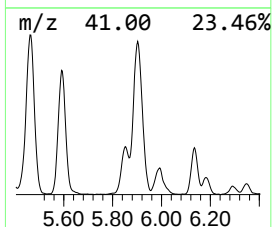
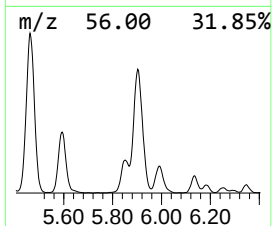
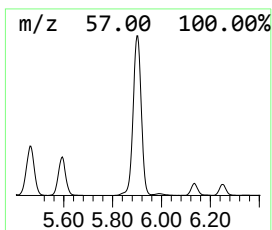
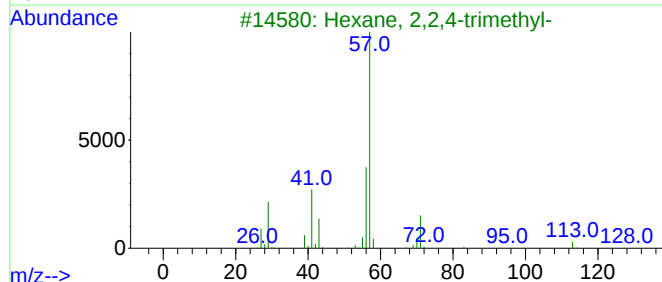
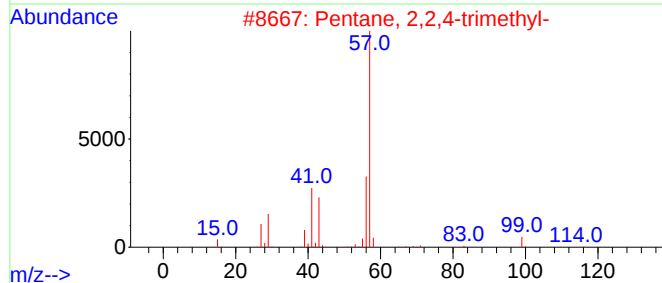
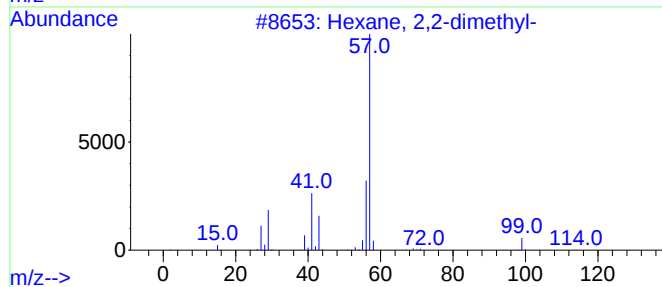
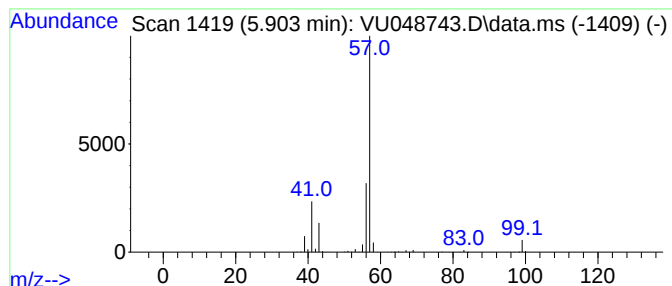
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.903	83.12 ug/l	1637030	1,4-Difluorobenzene	6.250

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78
5		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

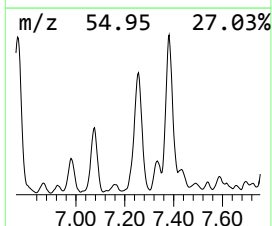
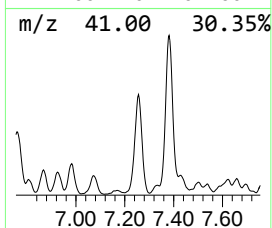
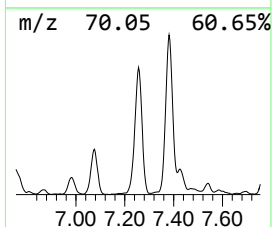
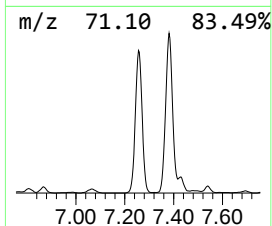
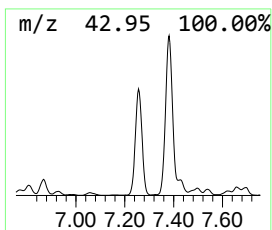
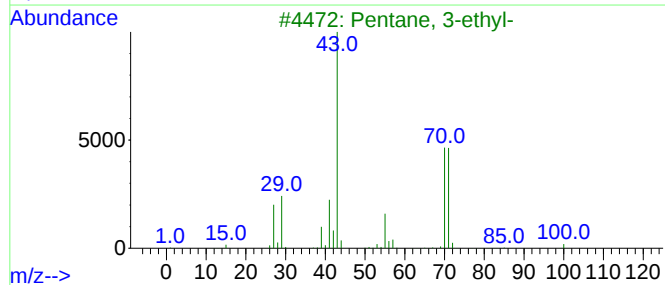
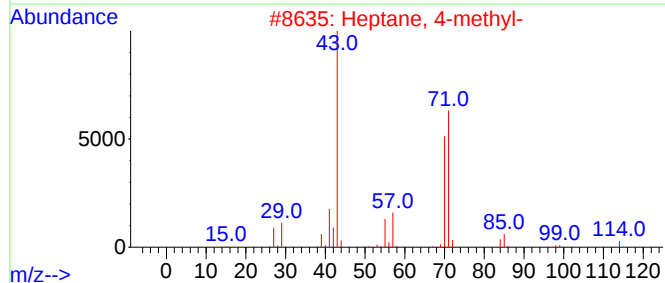
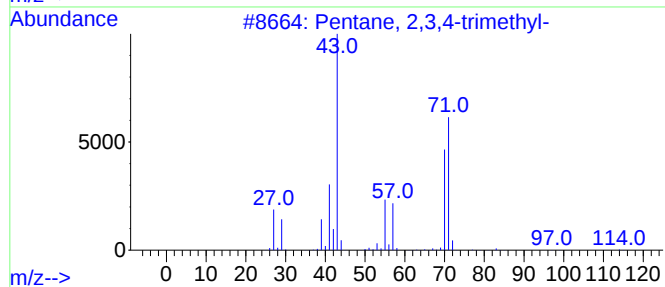
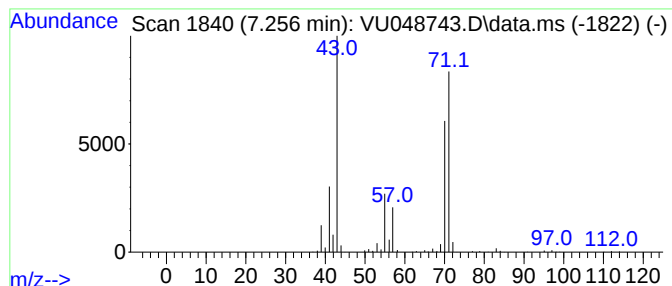
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.256	49.31 ug/l	971008	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

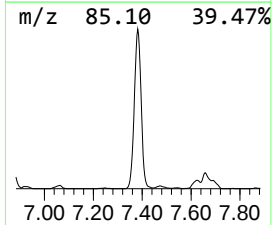
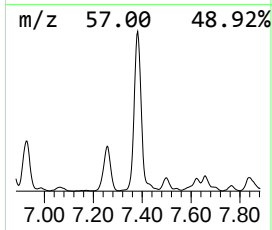
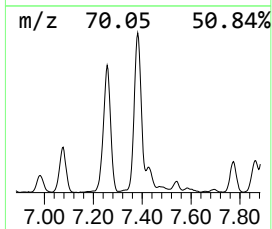
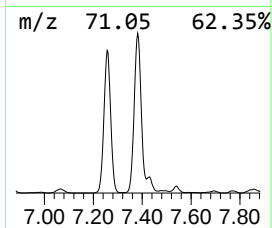
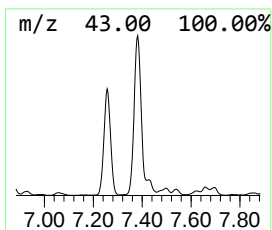
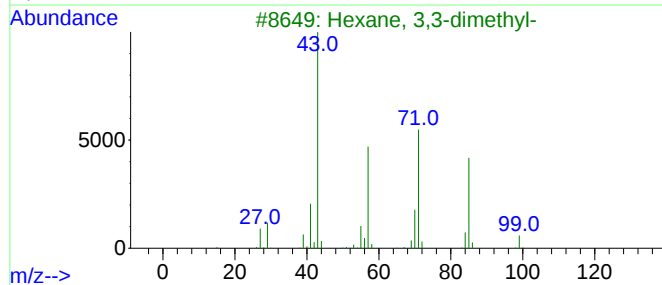
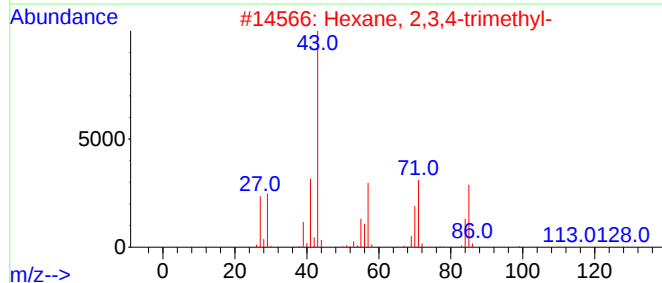
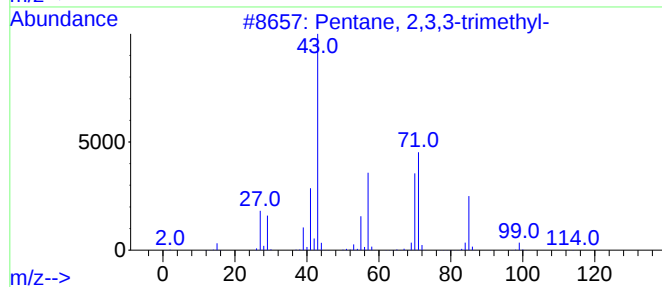
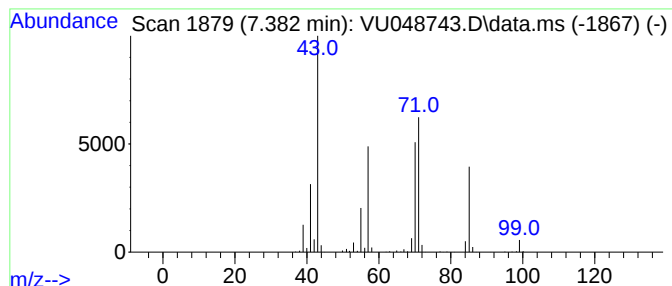
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.382	75.19 ug/l	1480810	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

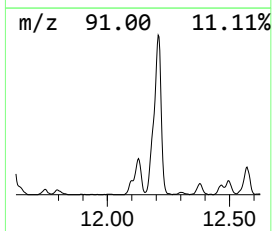
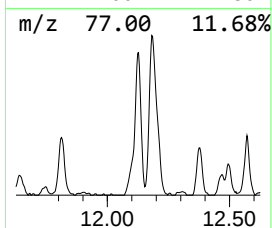
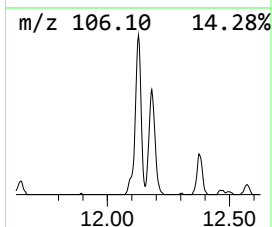
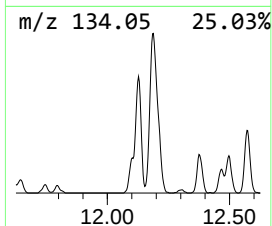
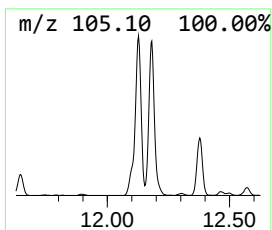
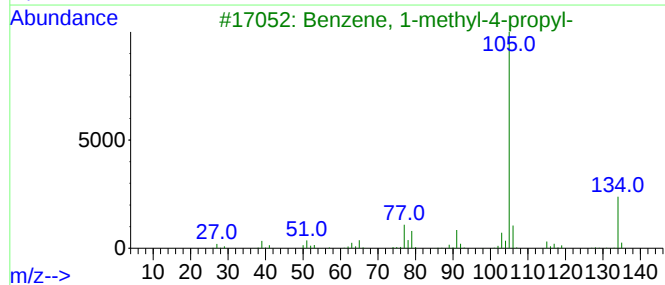
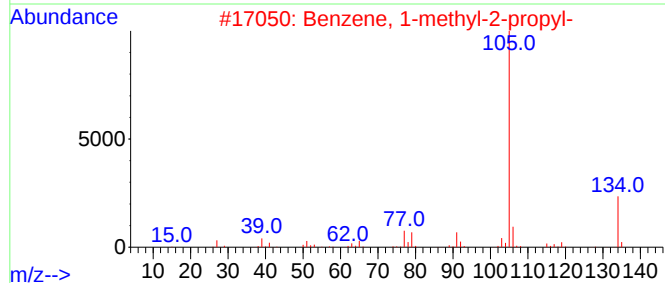
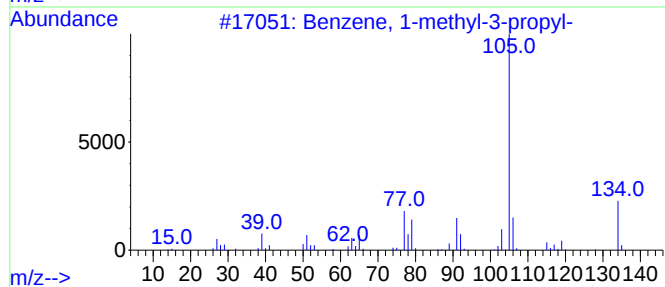
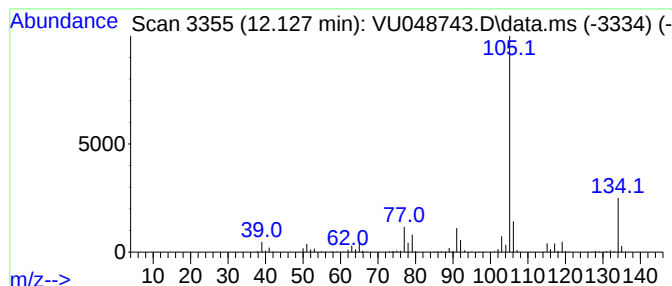
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	21.63 ug/l	533790	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

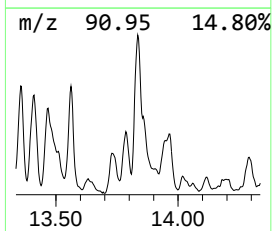
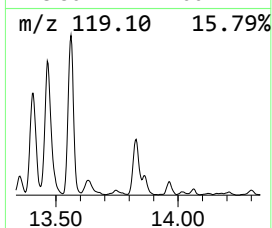
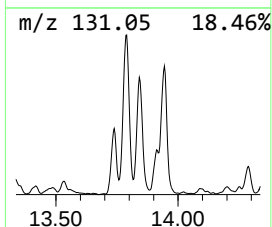
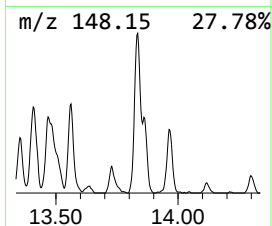
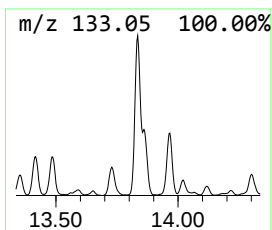
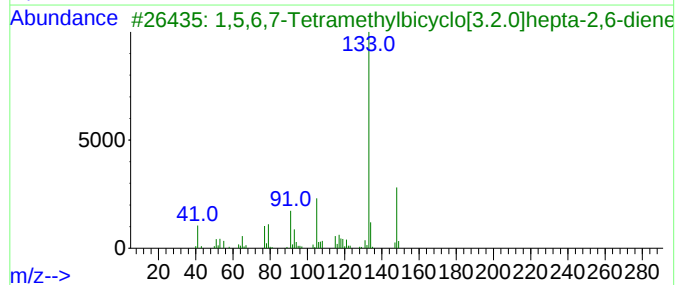
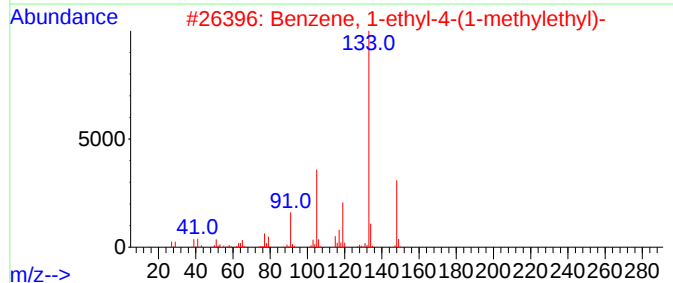
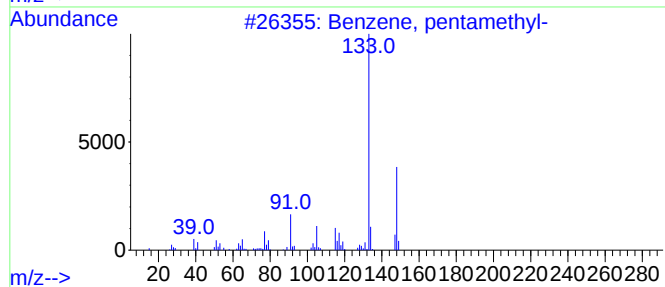
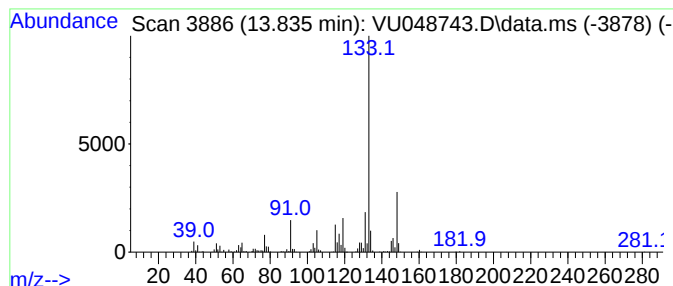
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	21.81 ug/l	538138	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
3			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	74
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
5			Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048743.D
Acq On : 31 May 2022 17:07
Operator : SY/MD
Sample : N3033-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
HW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.469	18.4	ug/l	565365	1	5.375	1535890	50.0
Pentane, 2,4-di...	4.433	17.4	ug/l	533864	1	5.375	1535890	50.0
Pentane, 2,3-di...	5.462	44.8	ug/l	1377080	1	5.375	1535890	50.0
Hexane, 3-methyl-	5.594	38.2	ug/l	1174050	1	5.375	1535890	50.0
Cyclopentane, 1...	5.851	25.4	ug/l	499180	2	6.250	984691	50.0
Hexane, 2,2-dim...	5.903	83.1	ug/l	1637030	2	6.250	984691	50.0
Pentane, 2,3,4-...	7.256	49.3	ug/l	971008	2	6.250	984691	50.0
Pentane, 2,3,3-...	7.382	75.2	ug/l	1480810	2	6.250	984691	50.0
Benzene, 1-meth...	12.127	21.6	ug/l	533790	4	11.812	1233750	50.0
Benzene, pentam...	13.835	21.8	ug/l	538138	4	11.812	1233750	50.0