

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047952.D
 Acq On : 12 Apr 2022 13:54
 Operator : SY/MD
 Sample : N2358-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMULM032422WMA.M
 Title : VOC Analysis

Signal : TIC: VU047952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	74	81	101	rVB	175968	204275	0.67%	0.324%
2	1.916	171	179	204	rVB	141251	199642	0.66%	0.316%
3	2.568	370	382	397	rBV	298281	483665	1.59%	0.766%
4	3.047	523	531	537	rBV3	2045	3048	0.01%	0.005%
5	3.443	651	654	660	rVB4	966	1149	0.00%	0.002%
6	3.784	756	760	767	rBV5	516	770	0.00%	0.001%
7	3.838	767	777	787	rVV7	1829	4618	0.02%	0.007%
8	3.983	812	822	829	rBV6	2882	5500	0.02%	0.009%
9	4.568	998	1004	1008	rVB6	575	576	0.00%	0.001%
10	4.623	1008	1021	1059	rBV	149694	375258	1.24%	0.595%
11	5.067	1141	1159	1178	rBV	256794	569547	1.88%	0.902%
12	5.726	1344	1364	1393	rVB2	529581	1440504	4.75%	2.282%
13	5.896	1407	1417	1431	rBV4	16382	37749	0.12%	0.060%
14	6.250	1513	1527	1548	rBV	432978	815002	2.69%	1.291%
15	6.529	1606	1614	1620	rVV7	2253	3472	0.01%	0.006%
16	6.610	1635	1639	1642	rBV3	629	533	0.00%	0.001%
17	6.690	1650	1664	1686	rBV	330165	643878	2.12%	1.020%
18	6.857	1715	1716	1723	rVB4	852	706	0.00%	0.001%
19	7.047	1769	1775	1777	rBV4	512	486	0.00%	0.001%
20	7.179	1809	1816	1817	rBV3	4368	3974	0.01%	0.006%
21	7.494	1902	1914	1923	rBV6	10364	19438	0.06%	0.031%
22	7.565	1924	1936	1958	rVV	178454	321394	1.06%	0.509%
23	7.642	1958	1960	1966	rVV4	851	870	0.00%	0.001%
24	7.687	1966	1974	1986	rVB7	2807	5126	0.02%	0.008%
25	7.899	2023	2040	2055	rBV	651048	1132173	3.73%	1.794%
26	7.980	2058	2065	2079	rVB3	43432	81226	0.27%	0.129%
27	8.179	2113	2127	2141	rBV	130009	218698	0.72%	0.347%
28	8.362	2173	2184	2203	rVB8	7407	20112	0.07%	0.032%
29	8.475	2217	2219	2223	rVB4	1007	691	0.00%	0.001%
30	8.565	2244	2247	2249	rBV3	954	780	0.00%	0.001%
31	8.632	2256	2268	2293	rBV	479911	829387	2.73%	1.314%
32	8.787	2309	2316	2330	rVB9	8006	15488	0.05%	0.025%
33	8.883	2339	2346	2356	rVV7	2764	4972	0.02%	0.008%
34	8.967	2366	2372	2375	rBV5	1060	812	0.00%	0.001%
35	9.018	2379	2388	2406	rVB3	11385	20317	0.07%	0.032%
36	9.172	2428	2436	2438	rBV5	1202	1453	0.00%	0.002%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Title : VOC Analysis

37	9.266	2458	2465	2470	rBV5	1053	1567	0.01%	0.002%
38	9.362	2476	2495	2501	rBV2	25185	42017	0.14%	0.067%
39	9.417	2501	2512	2543	rVB	638693	1171834	3.86%	1.857%
40	9.581	2553	2563	2578	rBV	36784	68519	0.23%	0.109%
41	9.767	2613	2621	2632	rBV8	5310	10885	0.04%	0.017%
42	9.989	2681	2690	2699	rBV6	8673	16511	0.05%	0.026%
43	10.066	2707	2714	2735	rVB2	11995	28137	0.09%	0.045%
44	10.163	2741	2744	2748	rBV5	665	647	0.00%	0.001%
45	10.211	2750	2759	2781	rVB4	16557	33669	0.11%	0.053%
46	10.324	2790	2794	2795	rBV3	1126	724	0.00%	0.001%
47	10.401	2809	2818	2831	rBV9	5902	11979	0.04%	0.019%
48	10.587	2858	2876	2887	rVV6	9606	20989	0.07%	0.033%
49	10.658	2889	2898	2902	rVV3	18624	30404	0.10%	0.048%
50	10.697	2903	2910	2918	rVV	55208	99652	0.33%	0.158%
51	10.758	2918	2929	2958	rVB	499989	867033	2.86%	1.374%
52	10.967	2988	2994	2995	rBV2	764	667	0.00%	0.001%
53	11.378	3113	3122	3129	rVV5	3725	5811	0.02%	0.009%
54	11.407	3129	3131	3135	rVV	693	517	0.00%	0.001%
55	11.471	3139	3151	3157	rVV9	4319	9808	0.03%	0.016%
56	11.510	3157	3163	3174	rVB6	6501	9855	0.03%	0.016%
57	11.610	3190	3194	3199	rBV3	482	504	0.00%	0.001%
58	11.693	3213	3220	3227	rVV6	1952	3019	0.01%	0.005%
59	11.812	3244	3257	3273	rBV	743182	1198874	3.95%	1.900%
60	11.954	3291	3301	3317	rVB3	41839	77378	0.25%	0.123%
61	12.034	3321	3326	3328	rBV4	1179	1110	0.00%	0.002%
62	12.102	3343	3347	3349	rBV4	1437	966	0.00%	0.002%
63	12.192	3360	3375	3407	rVB	707755	1191070	3.92%	1.887%
64	12.413	3435	3444	3455	rBV10	4179	7846	0.03%	0.012%
65	12.471	3455	3462	3475	rVB9	4921	8503	0.03%	0.013%
66	12.571	3481	3493	3500	rBV9	3453	7345	0.02%	0.012%
67	12.622	3504	3509	3520	rVB8	7708	13775	0.05%	0.022%
68	12.706	3526	3535	3545	rVB8	8478	12421	0.04%	0.020%
69	12.764	3551	3553	3556	rBV3	690	497	0.00%	0.001%
70	12.835	3569	3575	3585	rVB4	11978	17939	0.06%	0.028%
71	12.967	3602	3616	3642	rVB2	155713	324839	1.07%	0.515%
72	13.085	3646	3653	3663	rVB5	8219	12452	0.04%	0.020%
73	13.163	3672	3677	3687	rVB6	4845	6813	0.02%	0.011%
74	13.237	3698	3700	3701	rBV2	1171	556	0.00%	0.001%
75	13.327	3718	3728	3735	rBV2	127854	205084	0.68%	0.325%
76	13.375	3735	3743	3765	rVB	667335	980472	3.23%	1.553%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

77	13.712	3840	3848	3861	rVB2	37346	60478	0.20%	0.096%
78	13.902	3902	3907	3915	rVB5	4908	6913	0.02%	0.011%
79	13.963	3919	3926	3935	rBV4	4512	6341	0.02%	0.010%
80	14.011	3935	3941	3949	rBV4	1900	3075	0.01%	0.005%
81	14.060	3953	3956	3958	rBV4	1548	1240	0.00%	0.002%
82	14.150	3981	3984	3989	rBV5	1195	1214	0.00%	0.002%
83	14.359	4035	4049	4065	rBV	1629025	2450376	8.07%	3.882%
84	14.436	4067	4073	4082	rVV4	50627	84902	0.28%	0.135%
85	14.494	4084	4091	4100	rVB5	17147	28831	0.10%	0.046%
86	14.590	4111	4121	4134	rVB2	115900	178341	0.59%	0.283%
87	14.687	4140	4151	4162	rVB	96887	149190	0.49%	0.236%
88	14.883	4205	4212	4220	rBV8	5761	9872	0.03%	0.016%
89	15.108	4273	4282	4291	rBV3	29609	44966	0.15%	0.071%
90	15.159	4291	4298	4305	rBV8	5398	9160	0.03%	0.015%
91	15.310	4325	4345	4357	rBV	3351283	5598869	18.45%	8.871%
92	15.545	4405	4418	4439	rVB	3614401	5558181	18.31%	8.807%
93	15.802	4488	4498	4508	rBV	130418	229262	0.76%	0.363%
94	15.892	4509	4526	4542	rVV2	1174433	3613693	11.91%	5.726%
95	15.960	4542	4547	4558	rVB	129439	193418	0.64%	0.306%
96	16.098	4584	4590	4598	rBV5	18927	26597	0.09%	0.042%
97	16.153	4599	4607	4612	rBV2	57692	90172	0.30%	0.143%
98	16.394	4652	4682	4713	rBV	19059148	30348003	100.00%	48.084%
99	17.208	4928	4935	4941	rBV3	40319	59205	0.20%	0.094%
100	17.259	4942	4951	4968	rVB2	242974	391628	1.29%	0.621%

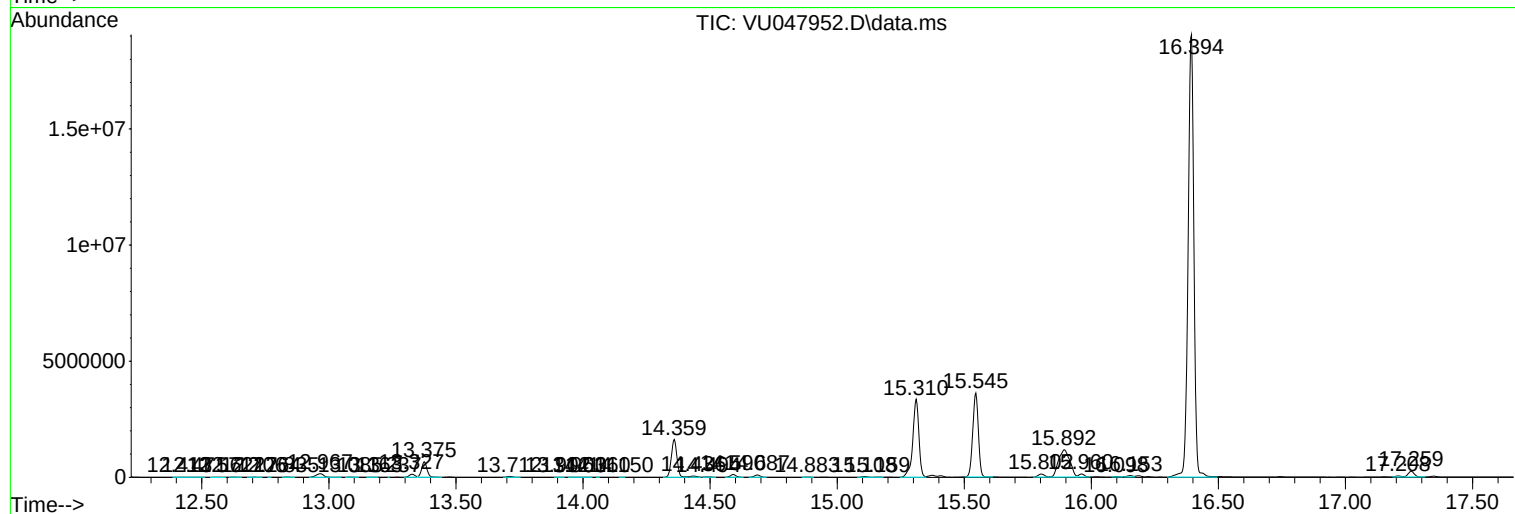
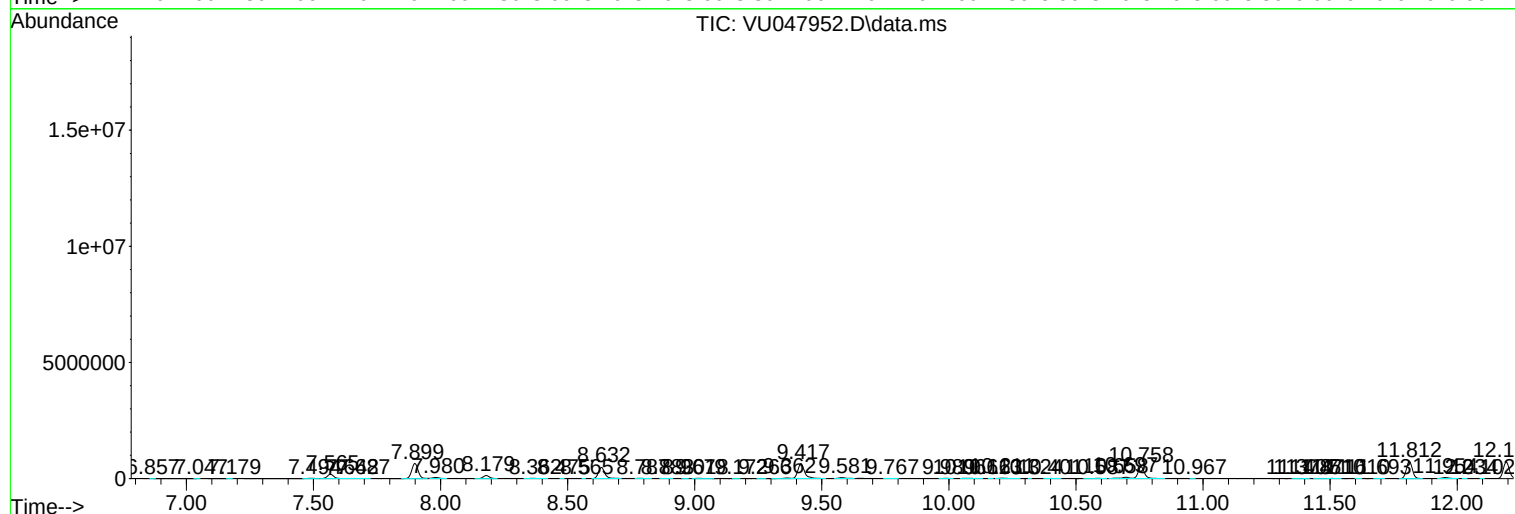
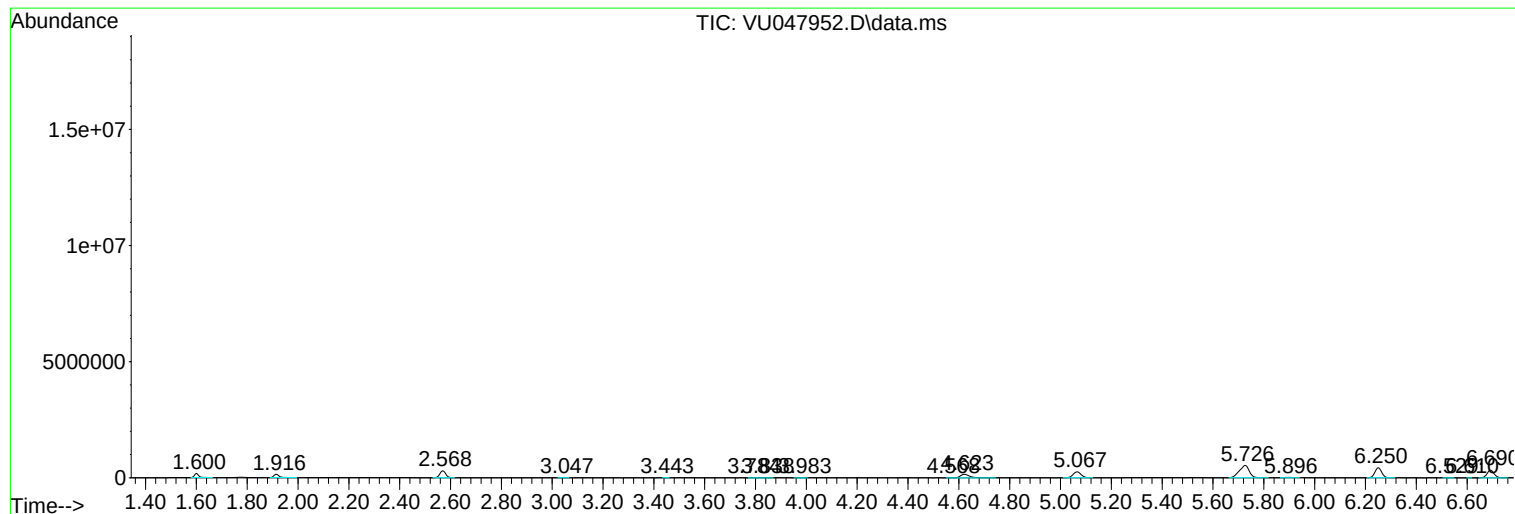
Sum of corrected areas: 63113904

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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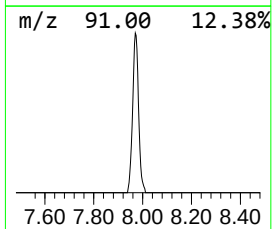
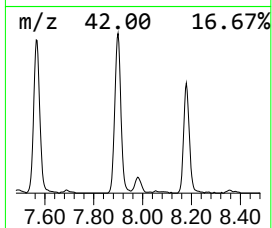
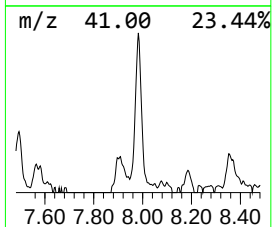
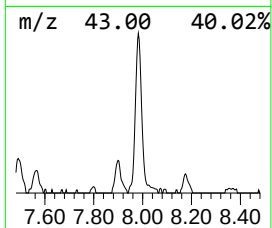
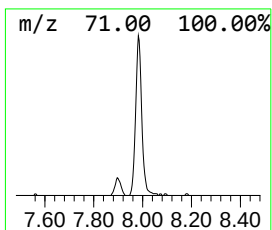
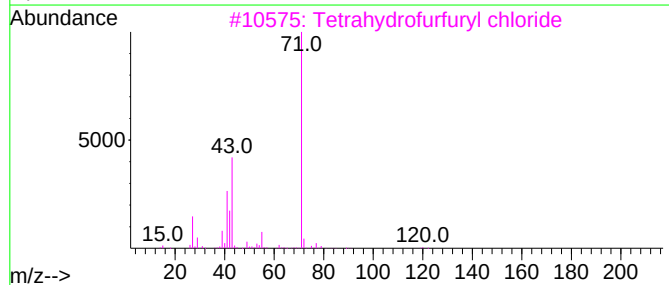
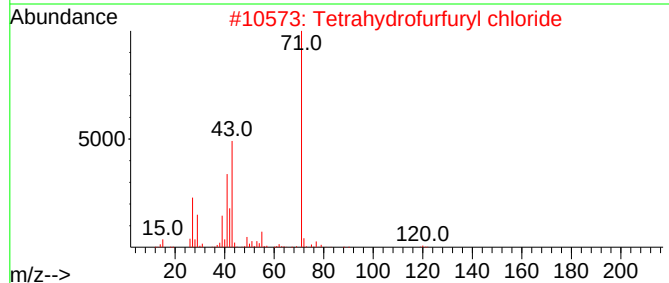
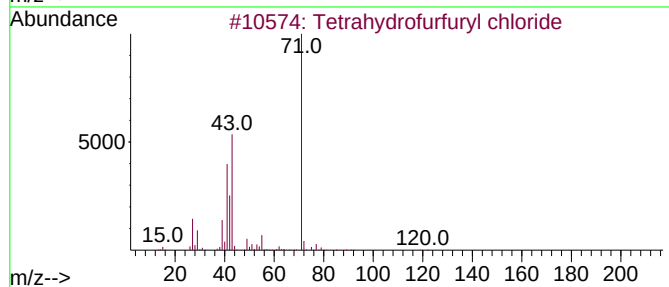
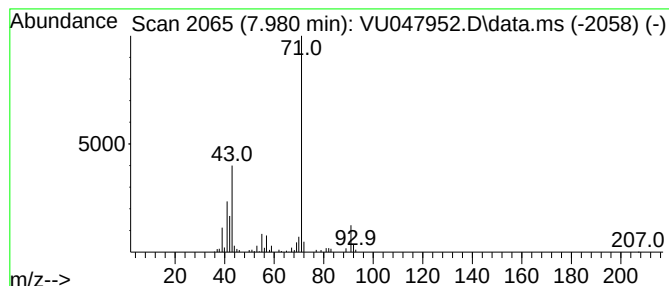
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Tetrahydrofurfuryl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.980	3.47 ug/L	81226	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	59
2			Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	59
3			Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	59
4			Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	59
5			2-Furanmethanol, tetrahydro-	102	C5H10O2	000097-99-4	45



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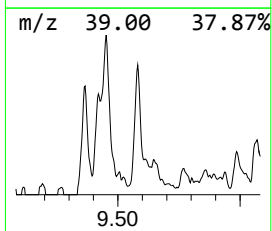
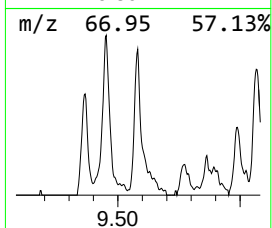
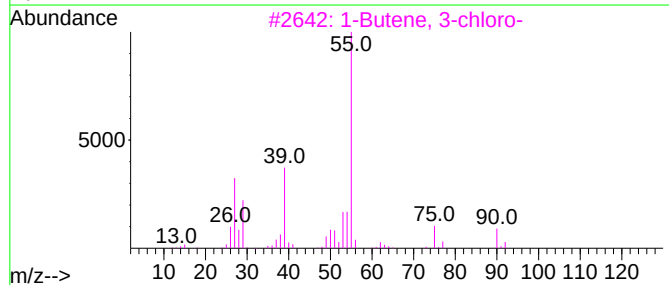
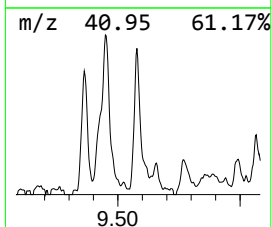
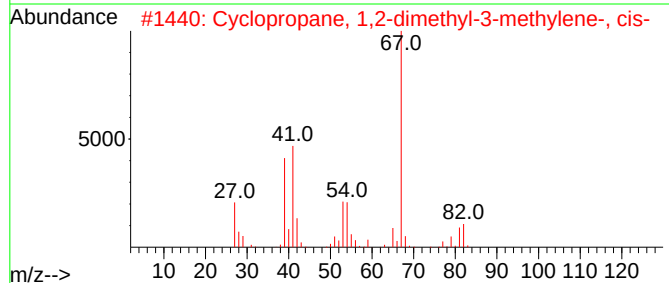
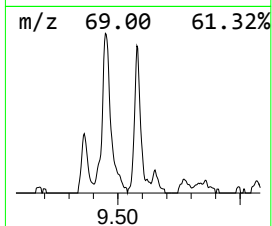
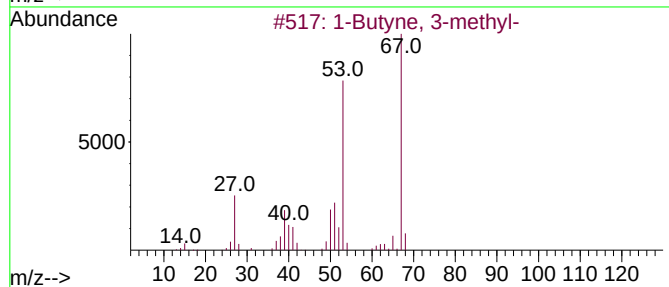
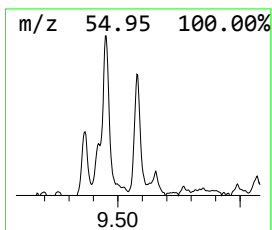
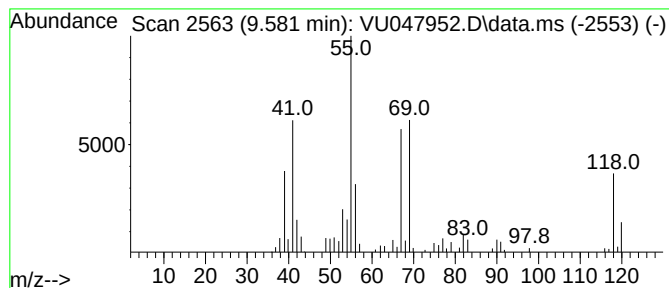
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	2.92 ug/L	68519	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butyne, 3-methyl-	68	C5H8	000598-23-2	22
2			Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	22
3			1-Butene, 3-chloro-	90	C4H7Cl	000563-52-0	22
4			Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	20
5			Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	005070-00-8	18



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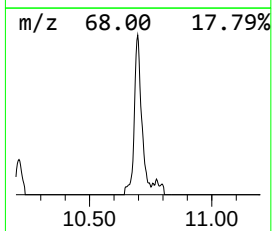
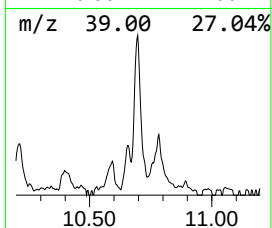
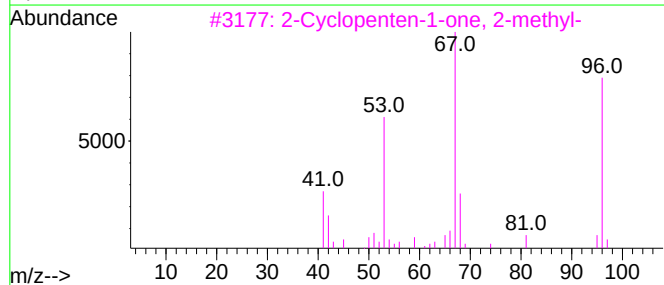
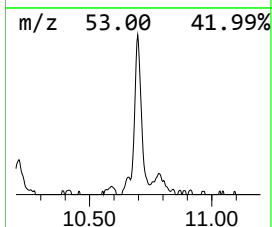
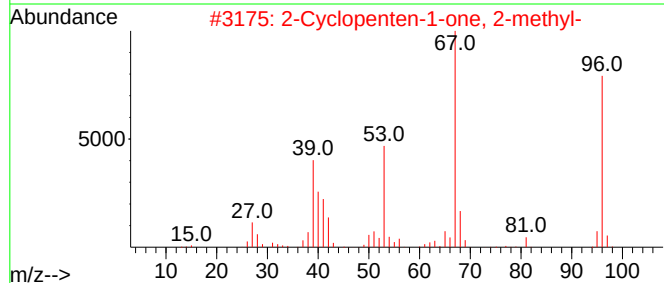
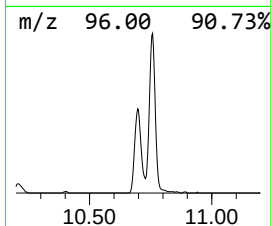
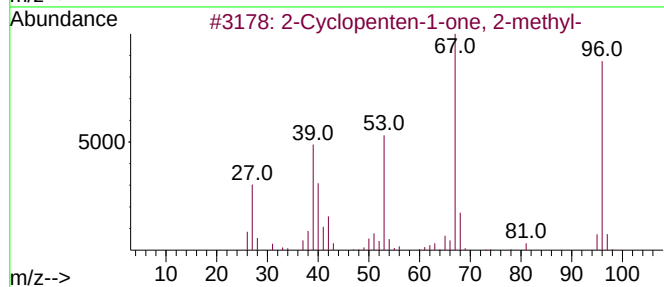
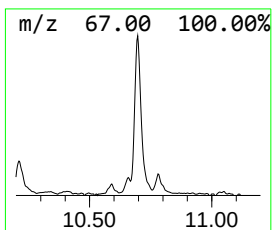
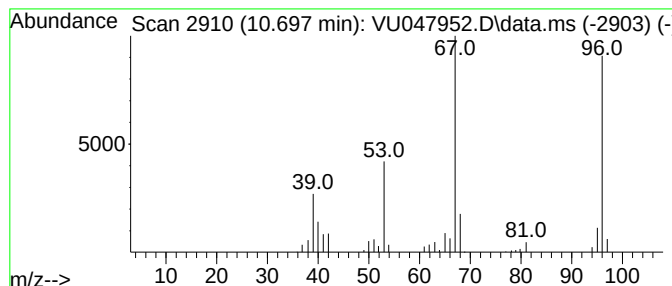
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 2-Cyclopenten-1-one, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.697	4.16 ug/L	99652	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	91
2			2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	91
3			2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	91
4			1,4-Pentadiene	68	C5H8	000591-93-5	87
5			2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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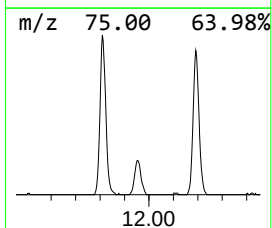
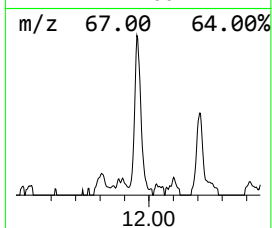
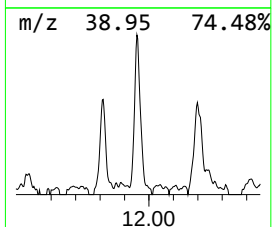
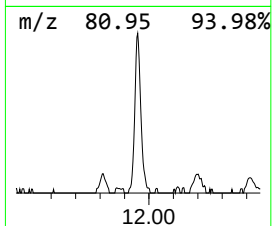
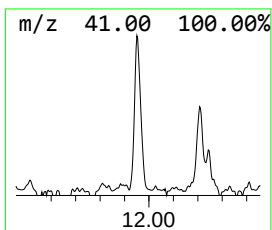
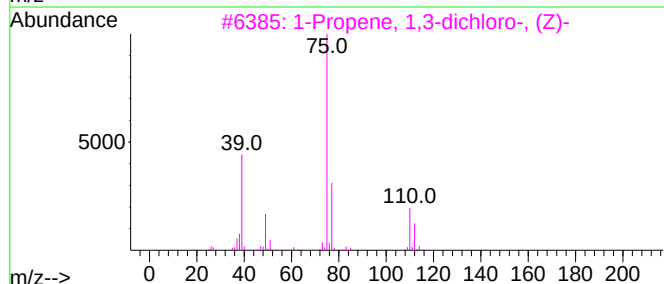
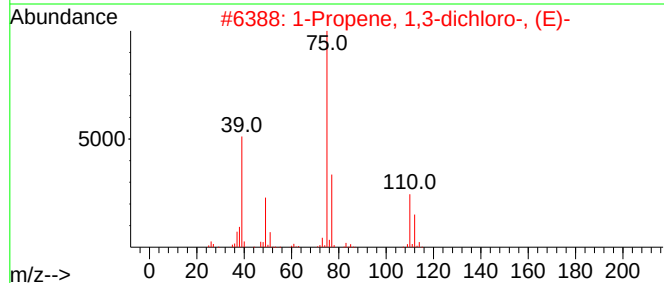
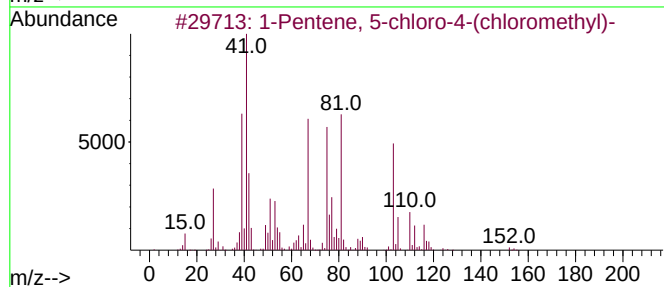
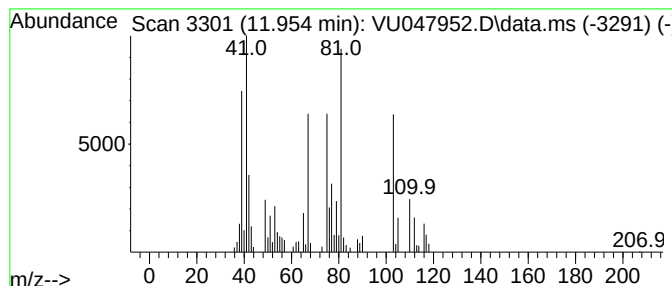
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Quant Title : VOC Analysis

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

Peak Number 5 1-Pentene, 5-chloro-4-(chlo... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.954	3.23 ug/L	77378	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	64
2			1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	62
3			1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	50
4			1-Propene, 2,3-dichloro-	110	C3H4Cl2	000078-88-6	50
5			1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

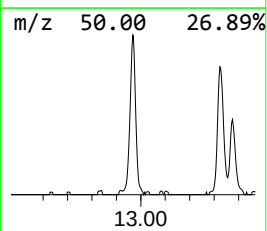
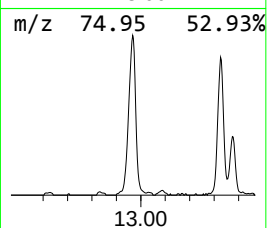
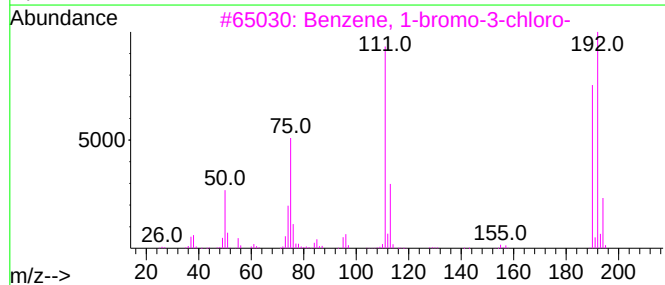
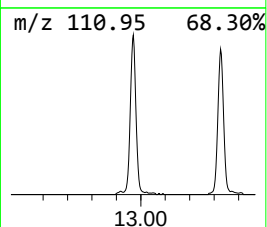
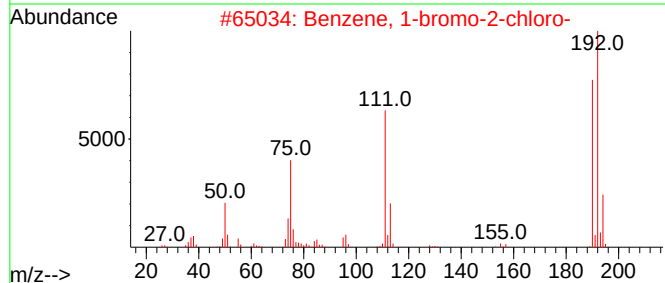
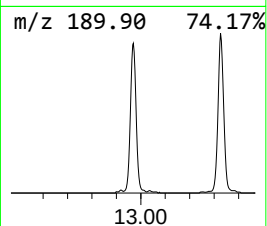
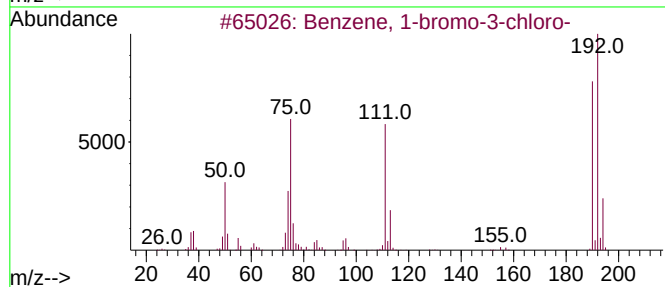
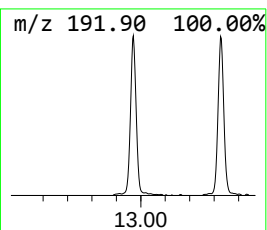
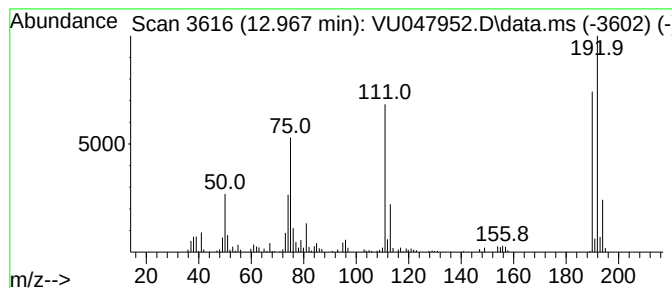
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	13.55 ug/L	324839	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	99
2			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
5			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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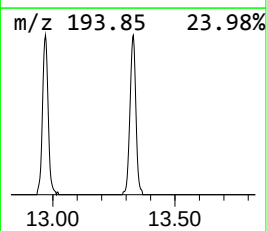
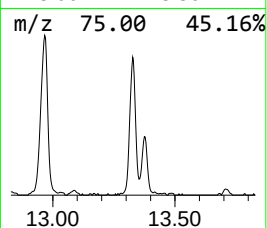
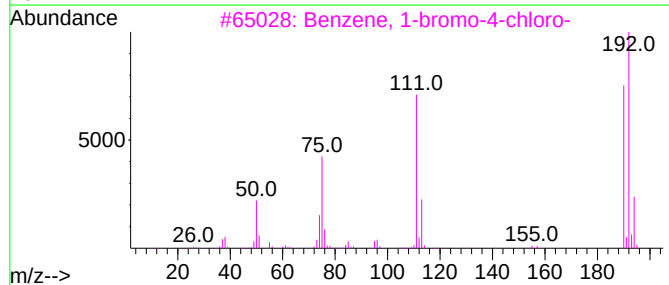
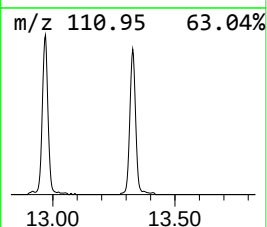
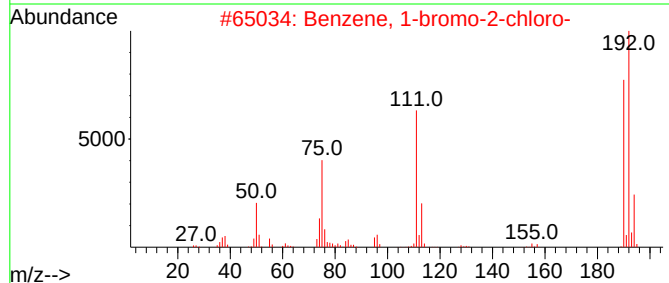
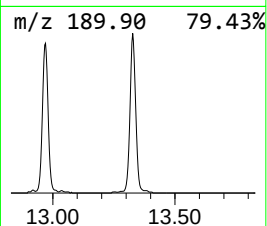
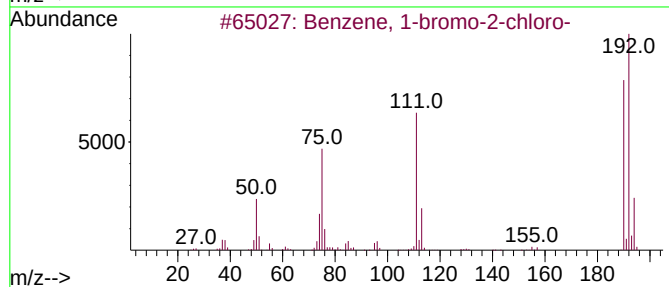
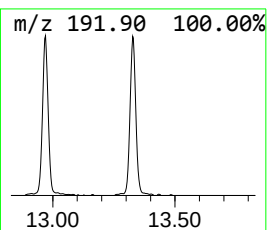
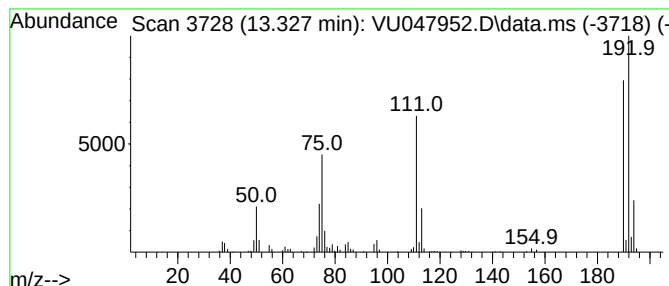
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-bromo-2-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	8.55 ug/L	205084	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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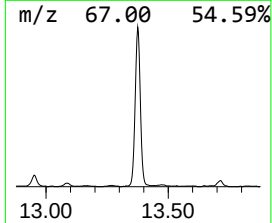
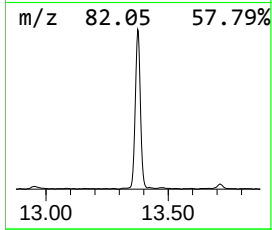
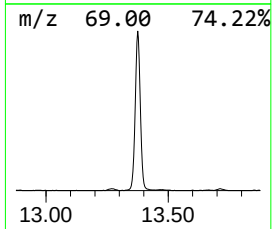
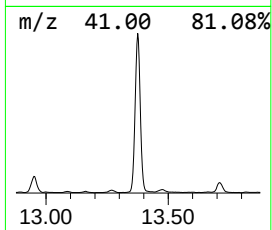
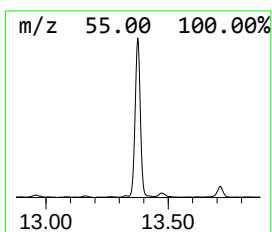
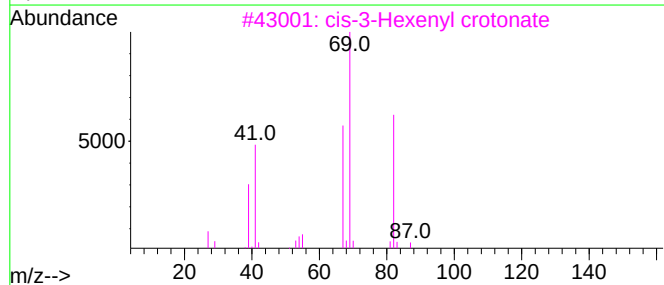
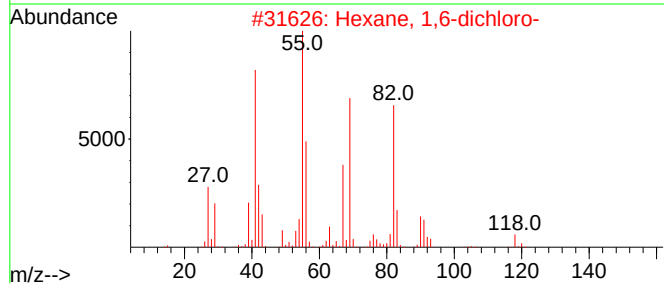
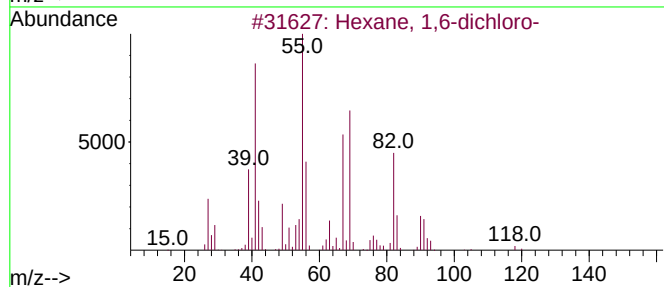
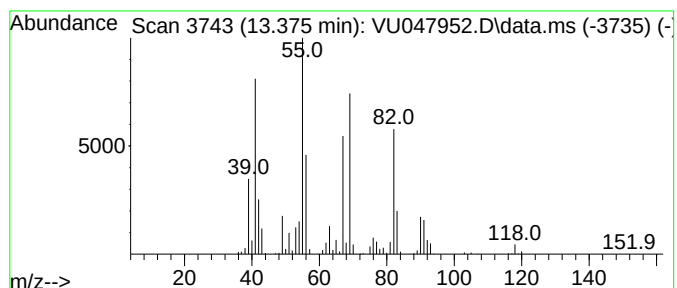
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Quant Title : VOC Analysis

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

Peak Number 8 Hexane, 1,6-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	40.89 ug/L	980472	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	86
2			Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	72
3			cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	47
4			1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	46
5			Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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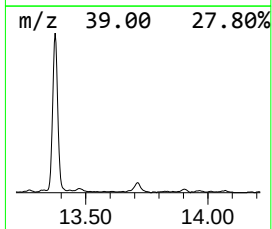
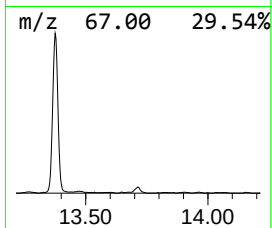
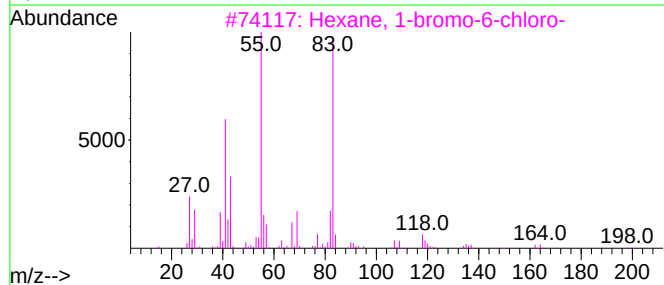
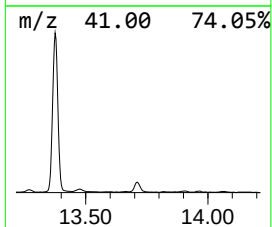
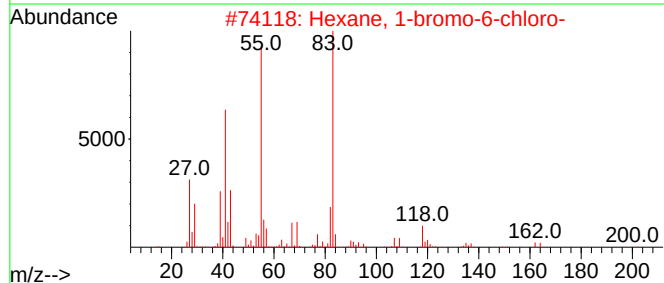
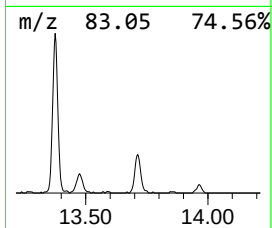
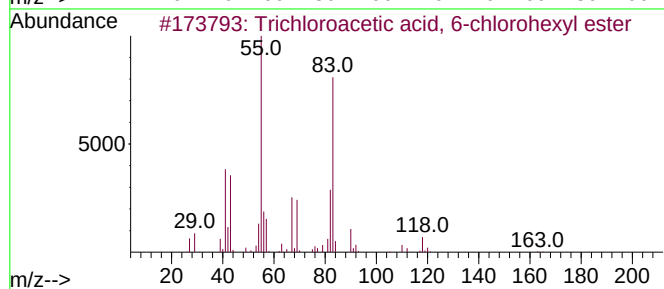
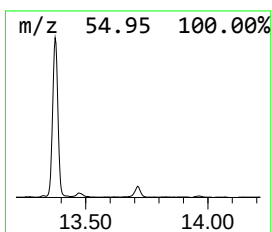
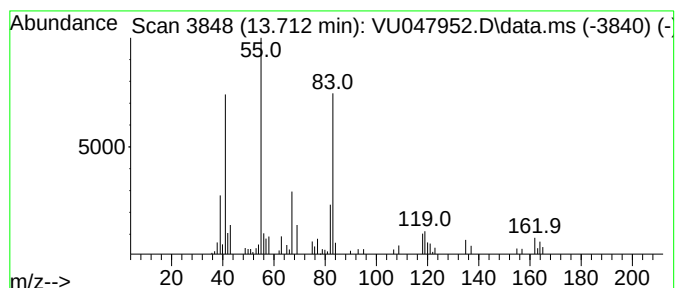
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Quant Title : VOC Analysis

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

Peak Number 9 Trichloroacetic acid, 6-chl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	2.52 ug/L	60478	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	56
2			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	53
3			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	53
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5			Cyclohexanemethanol	114	C7H14O	000100-49-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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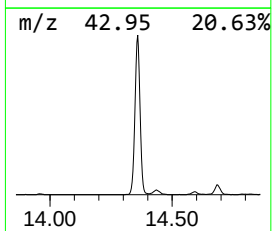
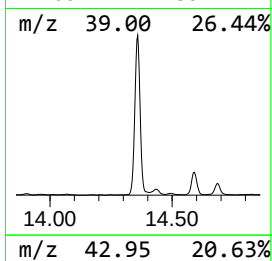
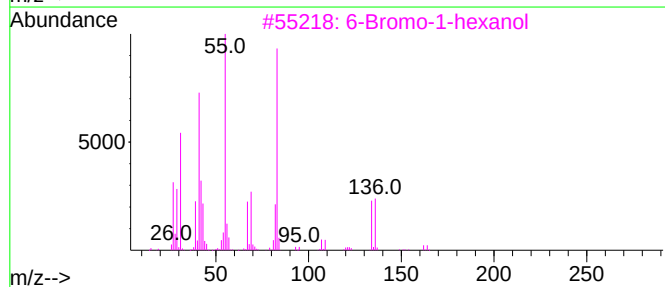
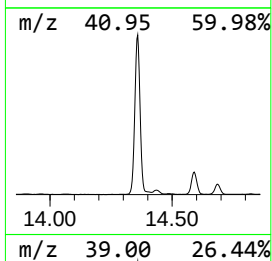
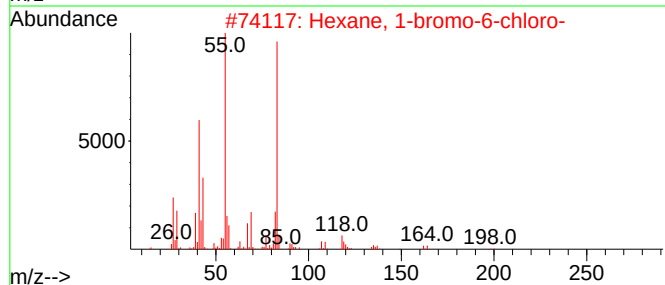
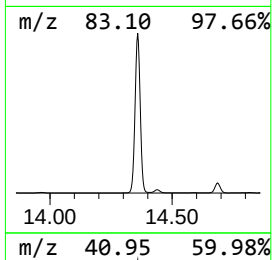
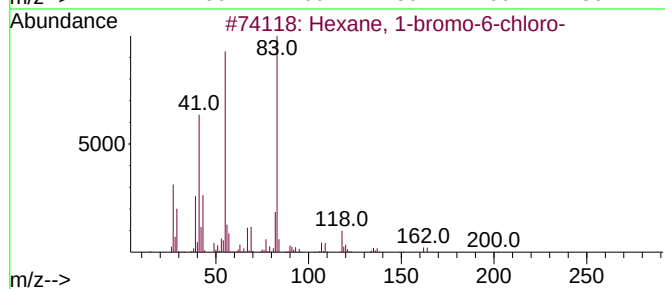
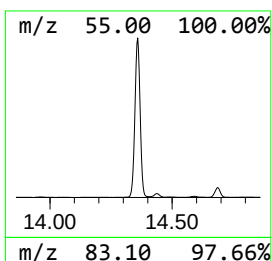
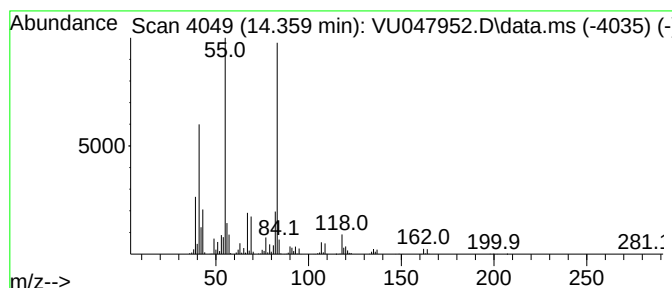
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Quant Title : VOC Analysis

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

Peak Number 10 Hexane, 1-bromo-6-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	102.19 ug/L	2450380	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	95
2			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	80
3			6-Bromo-1-hexanol	180	C6H13BrO	004286-55-9	64
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	50
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
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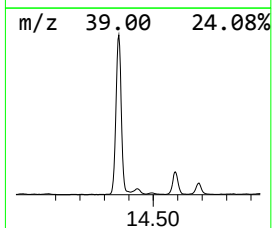
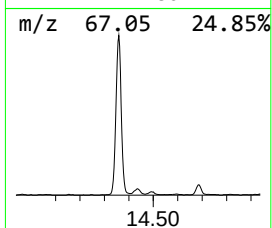
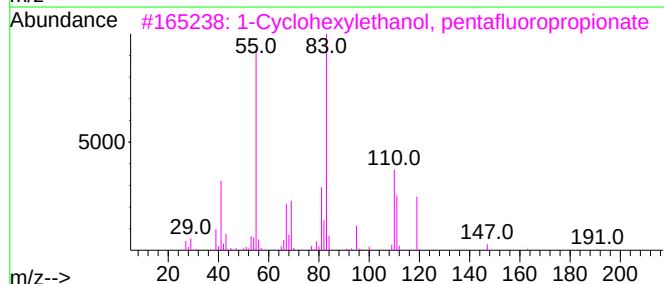
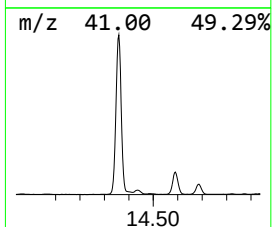
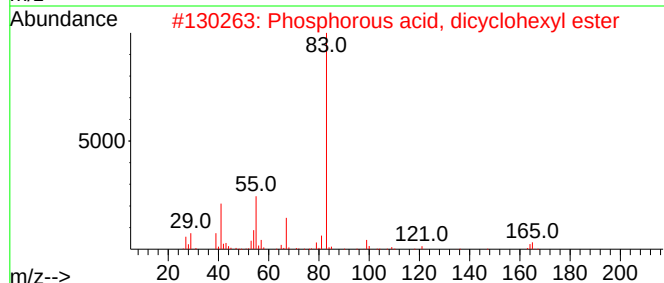
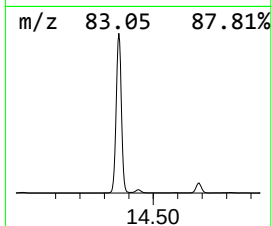
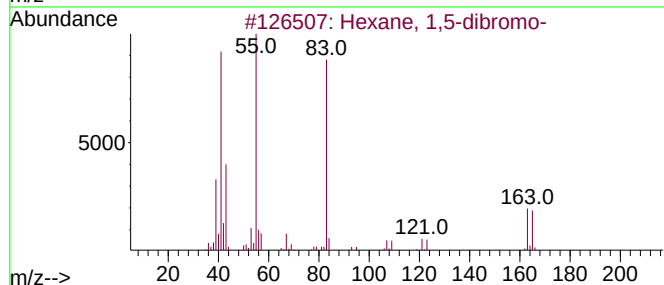
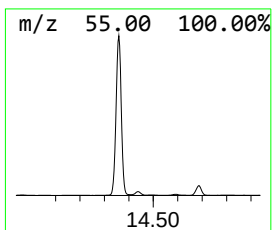
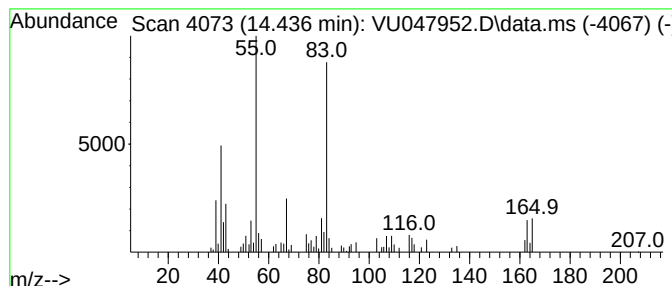
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Quant Title : VOC Analysis

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

Peak Number 11 Hexane, 1,5-dibromo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.436	3.54 ug/L	84902	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	64
2			Phosphorous acid, dicyclohexyl e...	246	C12H23O3P	000139-69-5	53
3			1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	53
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5			(1,2-Dichlorotrifluoroethyl)cycl...	234	C8H11Cl2F3	219904-98-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

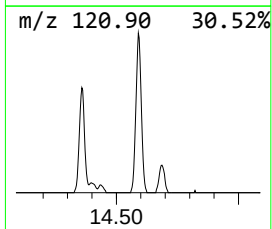
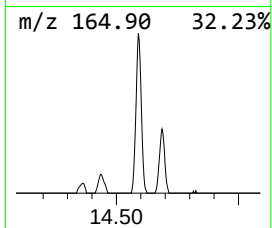
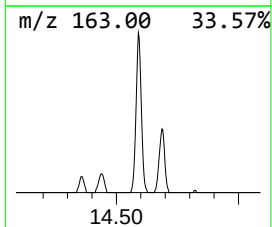
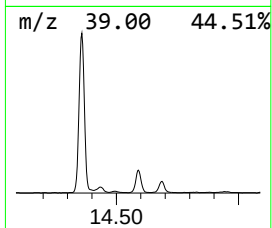
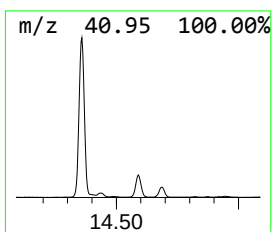
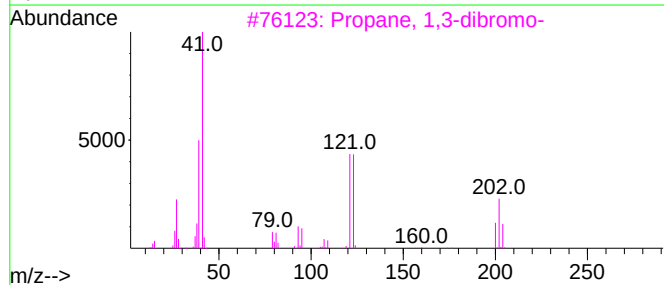
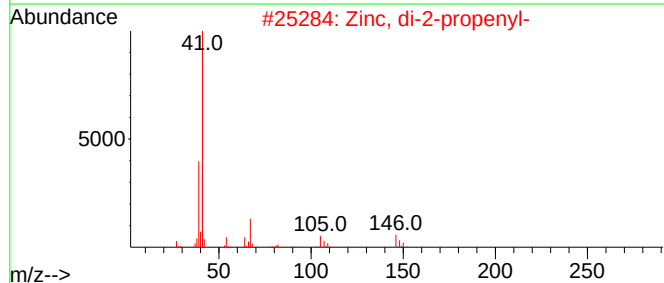
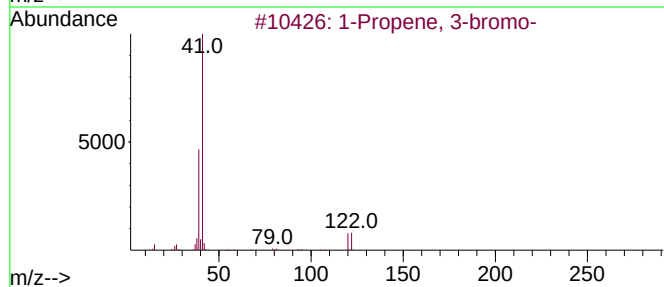
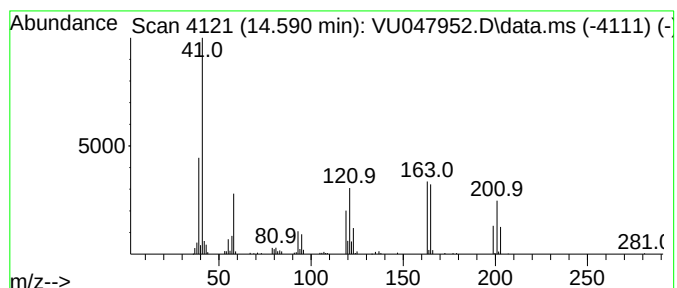
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	7.44 ug/L	178341	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	10
2		Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	9
3		Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	7
4		2-Bromo-2-nitropropane	167	C3H6BrNO2	005447-97-2	7
5		Benzeneethanamine	121	C8H11N	000064-04-0	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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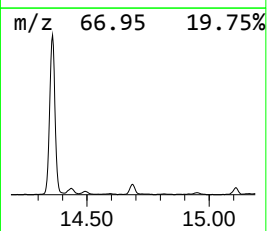
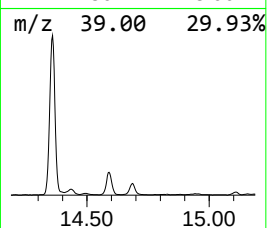
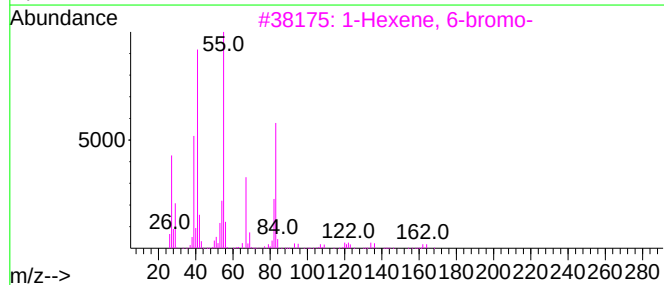
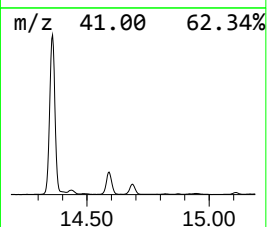
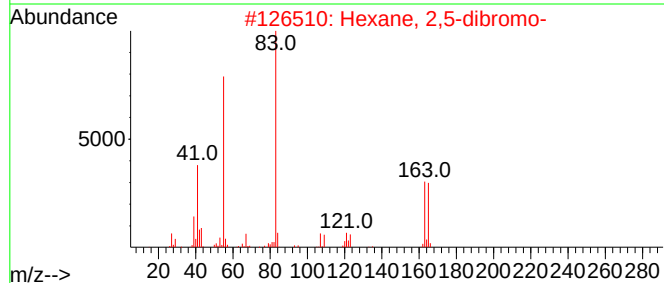
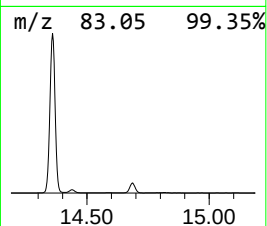
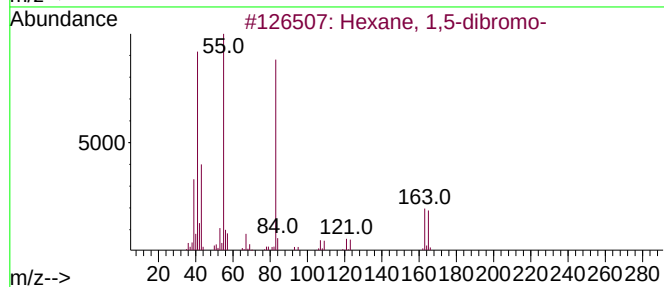
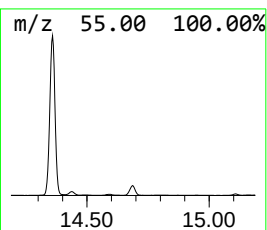
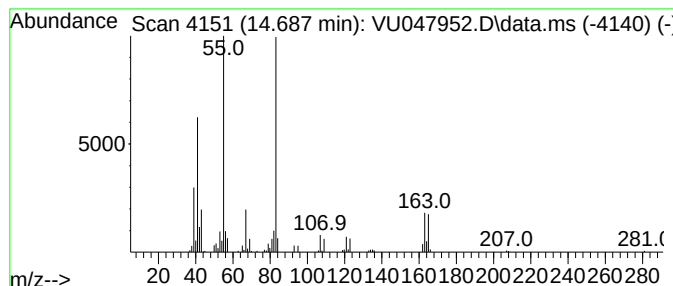
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Quant Title : VOC Analysis

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

Peak Number 13 Hexane, 2,5-dibromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.687	6.22 ug/L	149190	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	72
2			Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	59
3			1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	50
4			Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	50
5			2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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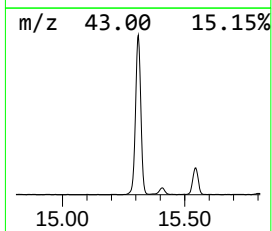
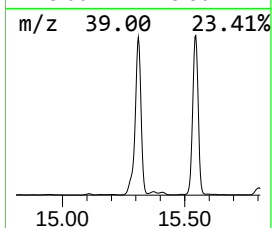
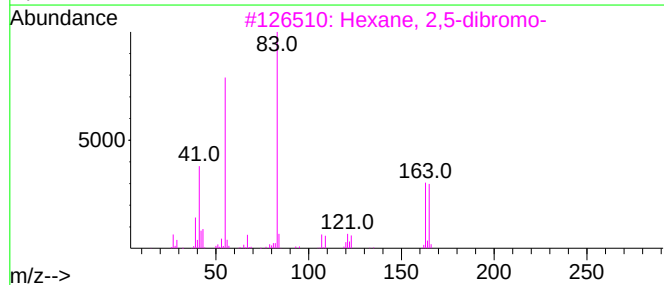
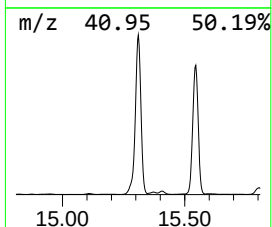
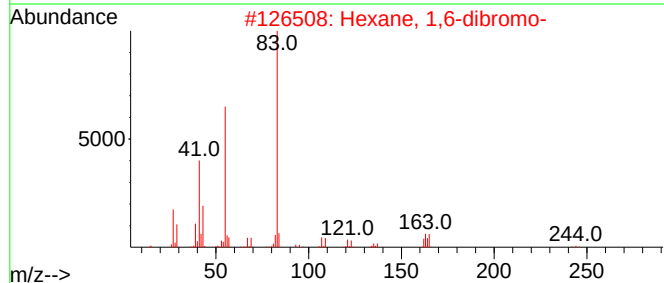
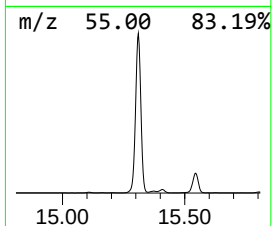
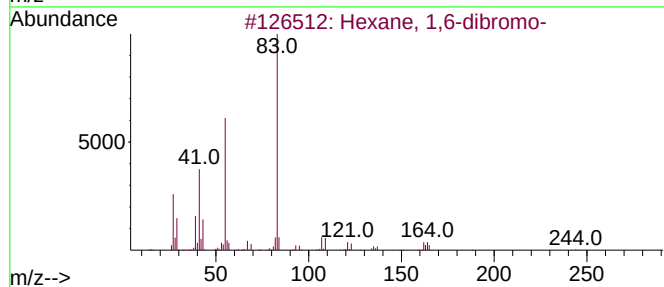
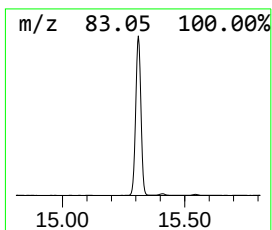
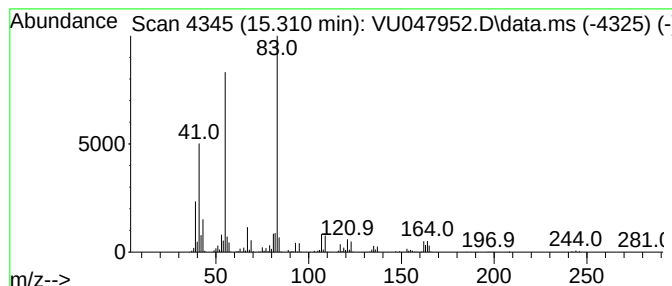
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Quant Title : VOC Analysis

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

Peak Number 14 Hexane, 1,6-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	233.51 ug/L	5598870	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	96
2			Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	94
3			Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
4			Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	78
5			Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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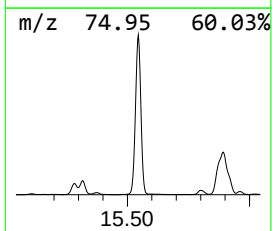
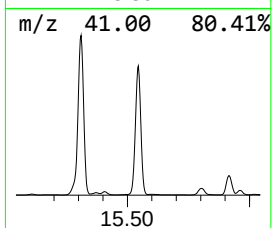
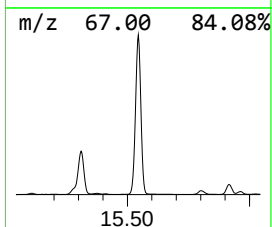
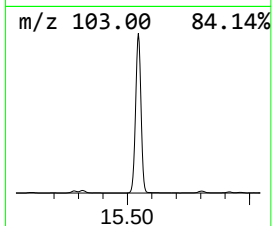
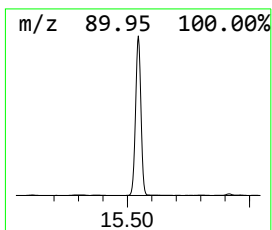
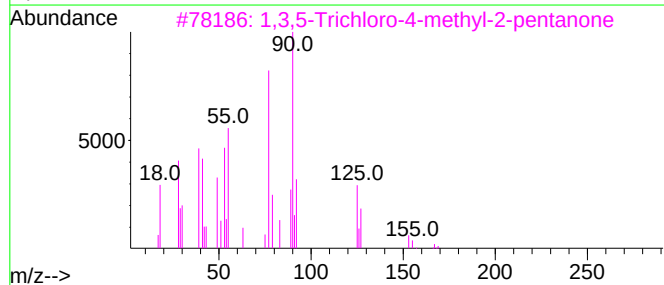
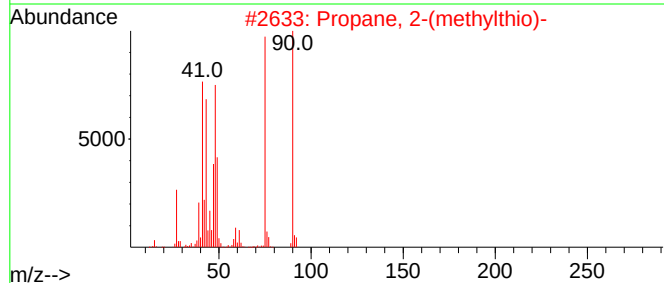
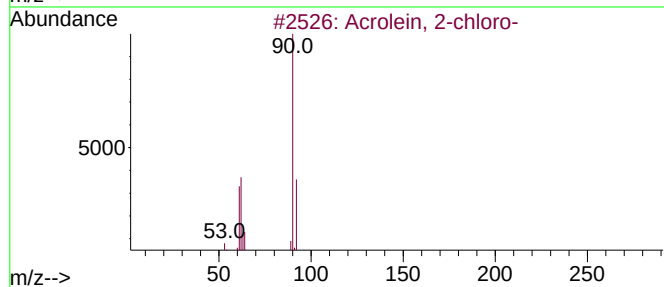
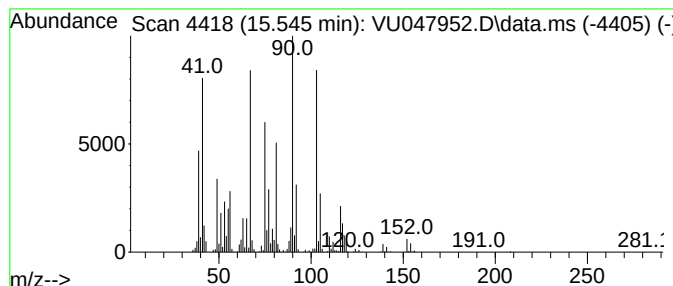
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	231.81 ug/L	5558180	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	43
2			Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	37
3			1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
4			2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	23
5			Thiourea, methyl-	90	C2H6N2S	000598-52-7	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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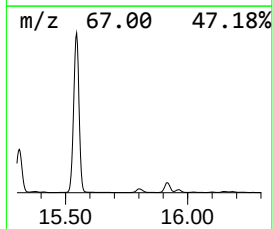
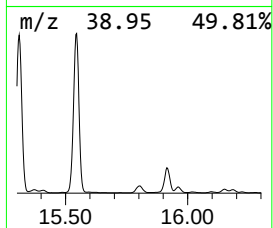
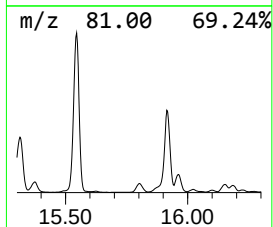
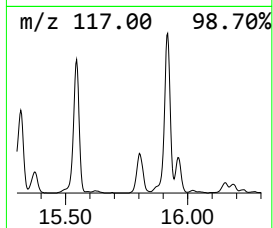
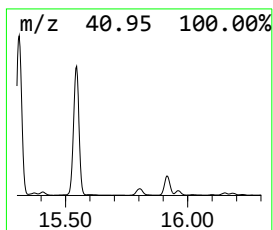
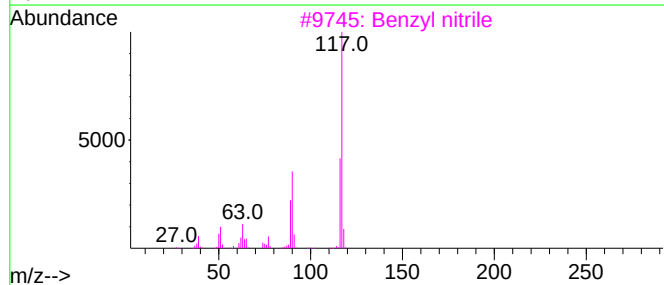
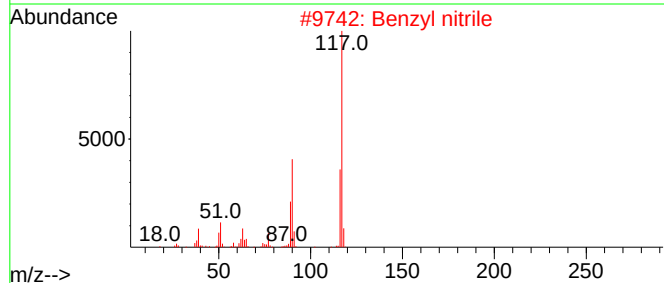
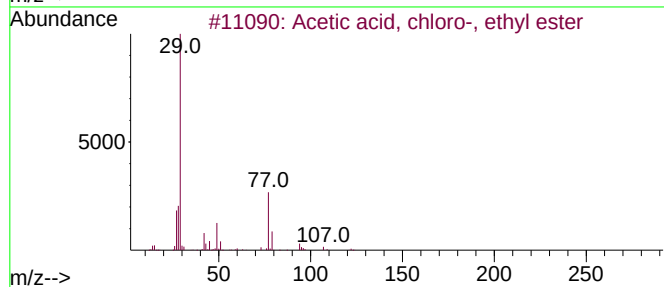
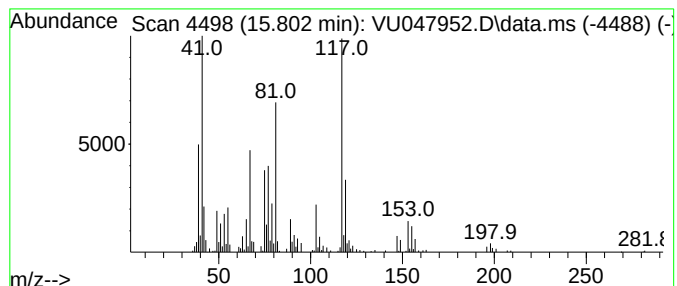
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	9.56 ug/L	229262	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	22
2			Benzyl nitrile	117	C8H7N	000140-29-4	14
3			Benzyl nitrile	117	C8H7N	000140-29-4	14
4			2-Phenylvaleronitrile	159	C11H13N	005558-78-1	14
5			3,6-Bis(benzyl)-tetrazine	262	C16H14N4	014141-65-2	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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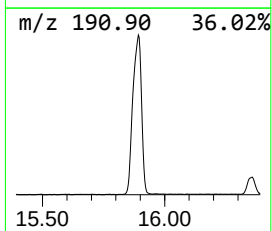
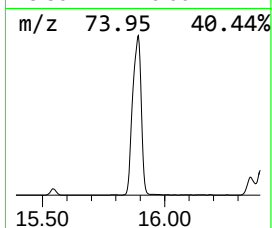
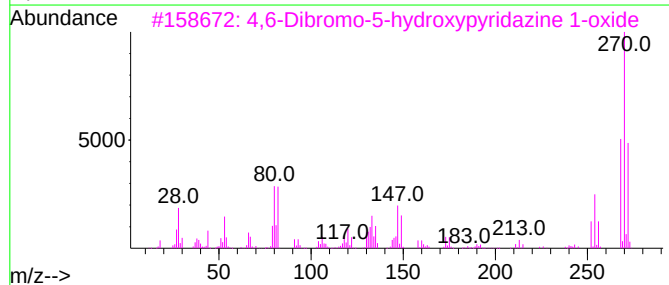
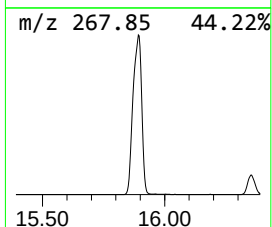
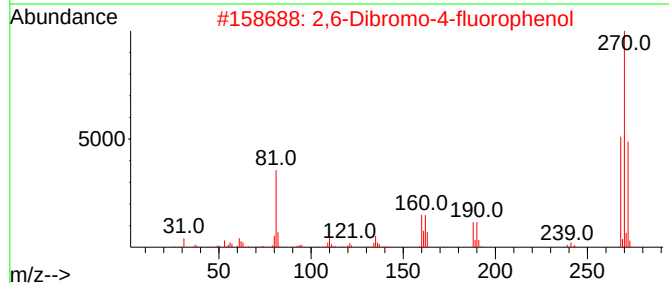
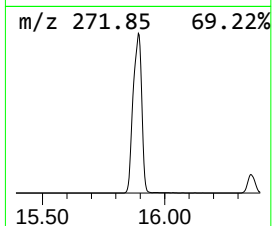
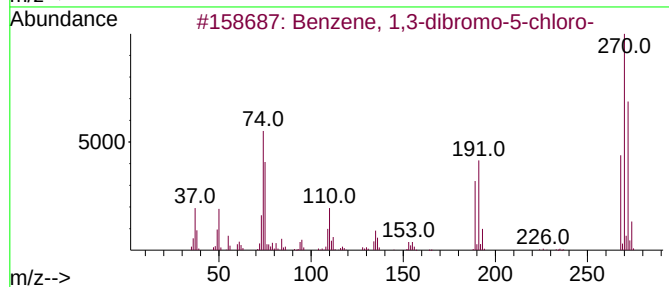
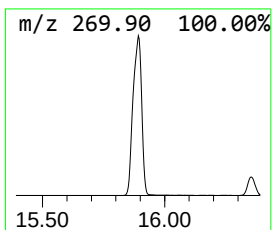
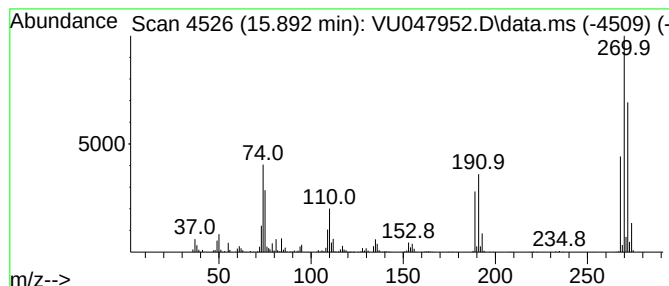
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	150.71 ug/L	3613690	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	91
2			2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	43
3			4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
4			Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5			6-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001678-69-9	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

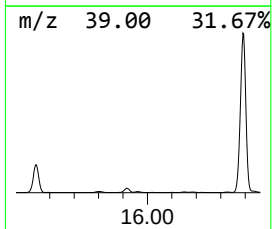
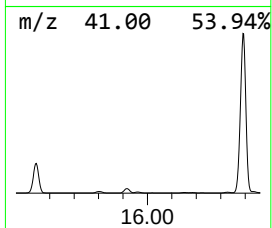
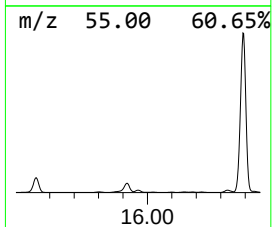
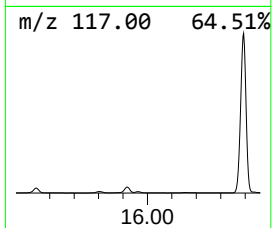
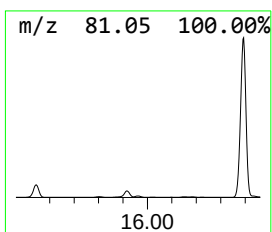
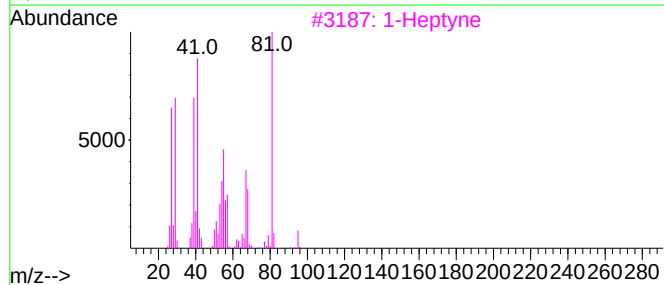
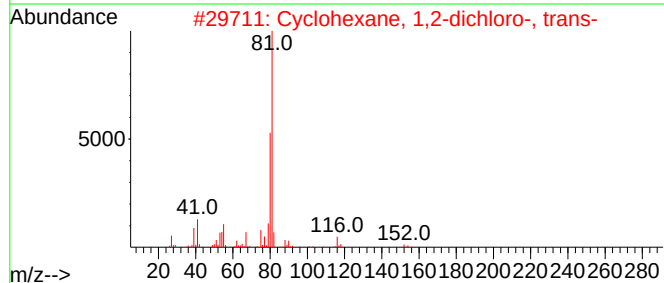
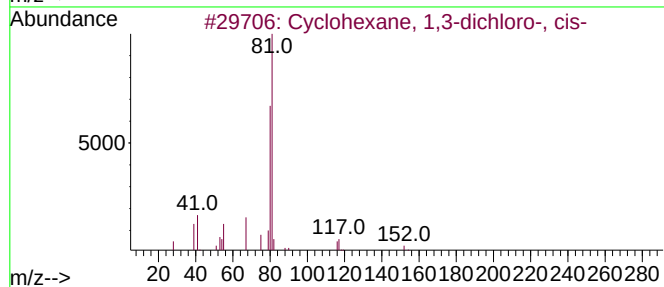
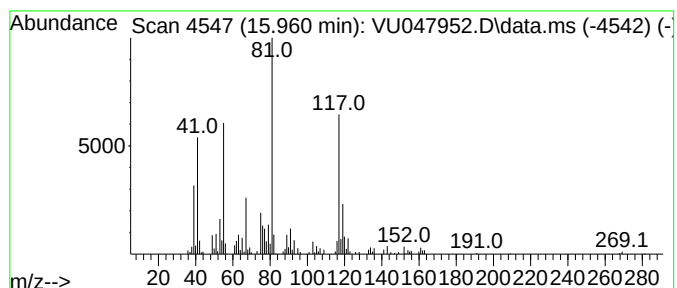
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Quant Title : VOC Analysis

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

Peak Number 18 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.960	8.07 ug/L	193418	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	43
2			Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	38
3			1-Heptyne	96	C7H12	000628-71-7	35
4			Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	27
5			Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

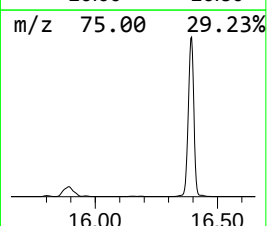
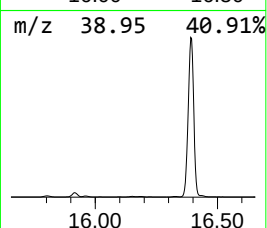
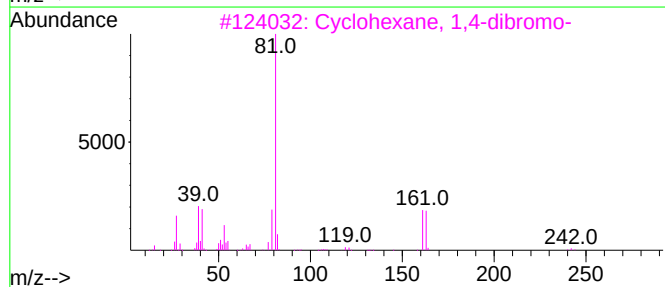
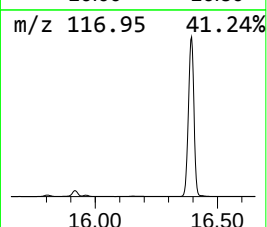
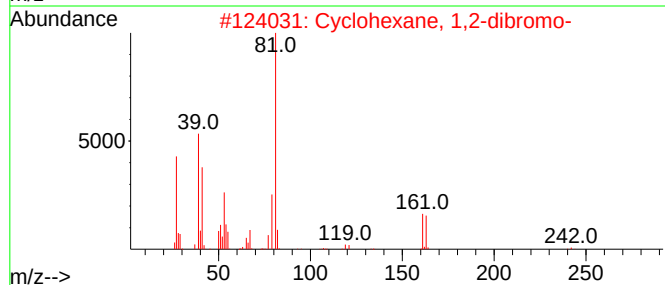
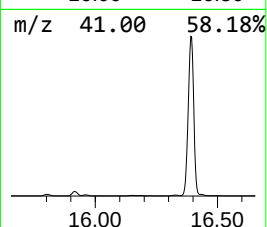
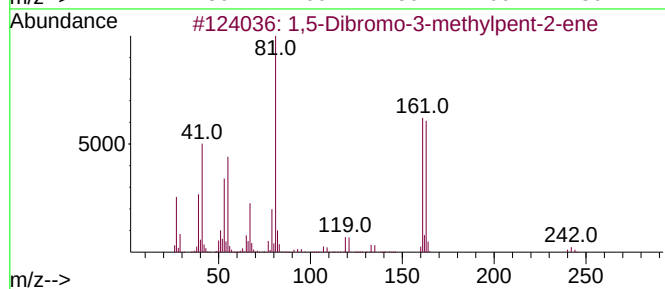
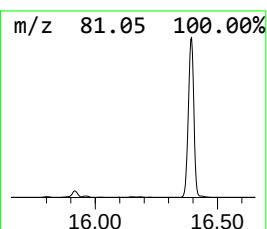
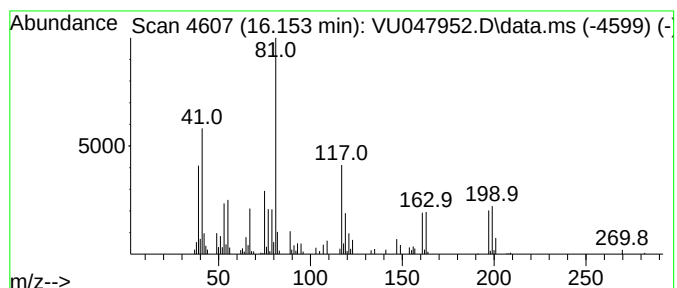
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.153	3.76 ug/L	90172	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	43
2			Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	38
3			Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	38
4			Cyclohexane, 1,2-dibromo-, trans-	240	C6H10Br2	007429-37-0	32
5			Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

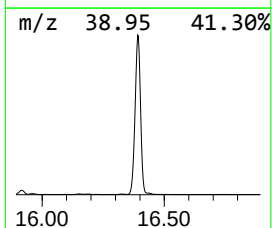
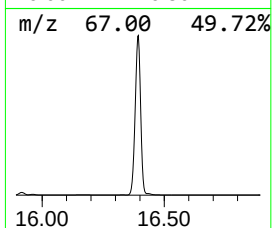
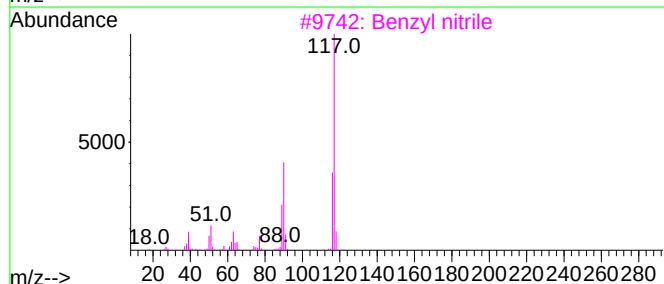
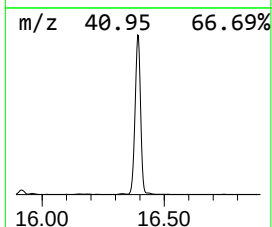
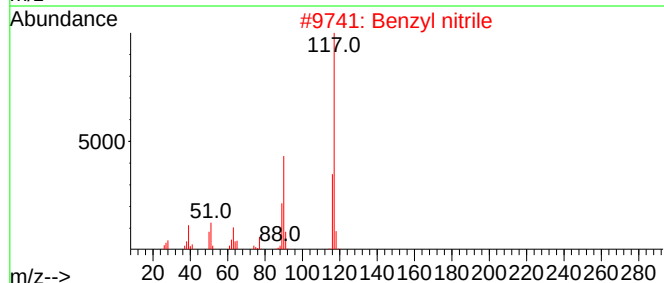
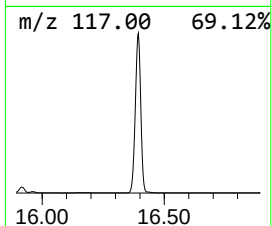
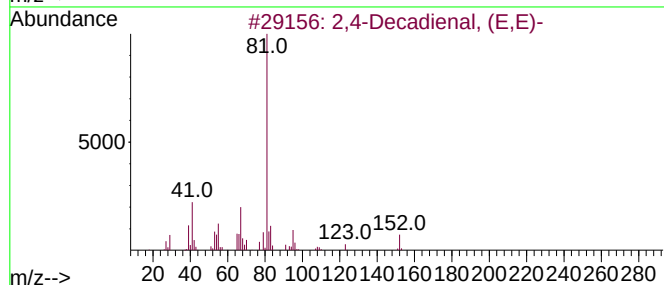
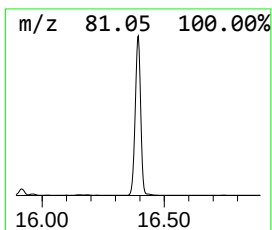
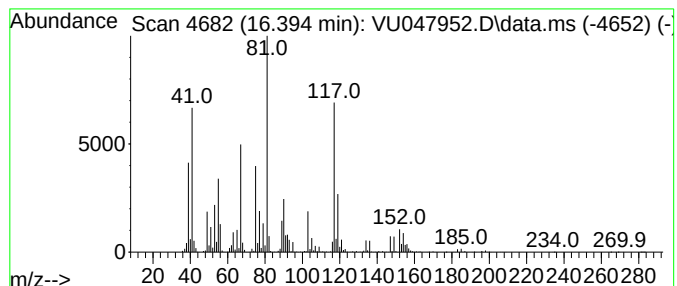
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.394	1265.69 ug/L	30348000	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
2		Benzyl nitrile	117	C8H7N	000140-29-4	25
3		Benzyl nitrile	117	C8H7N	000140-29-4	25
4		Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	15
5		Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

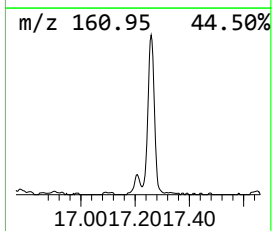
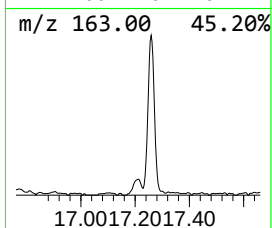
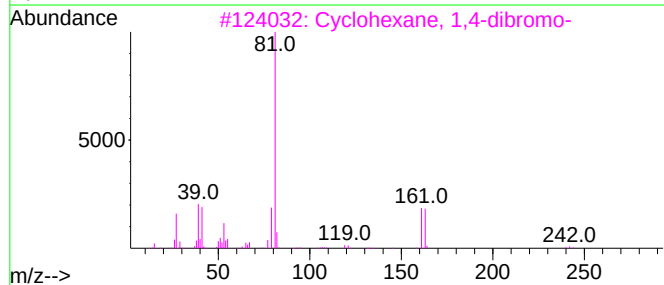
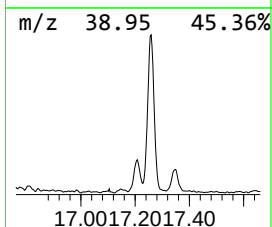
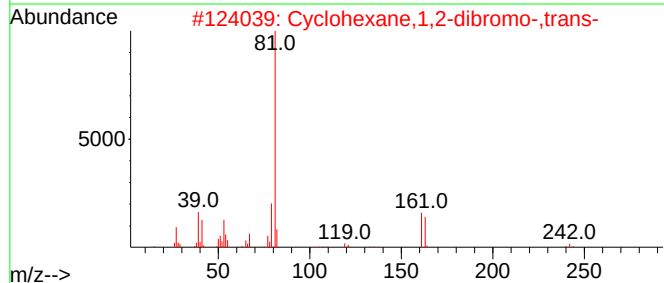
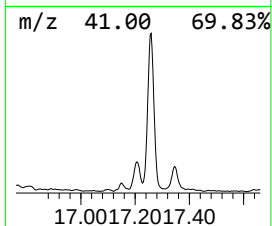
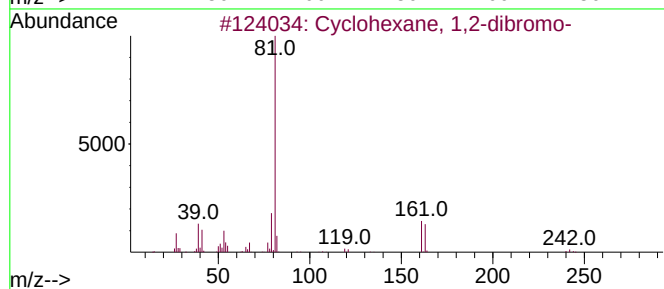
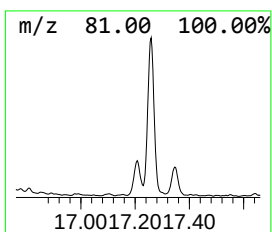
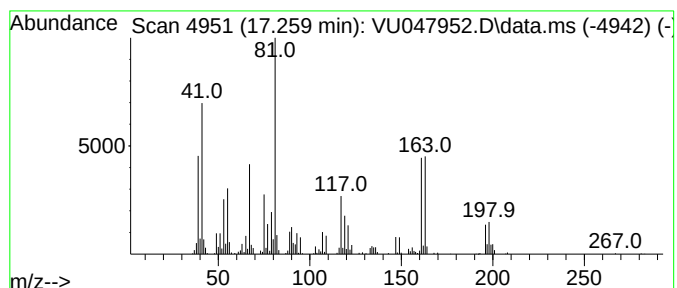
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	16.33 ug/L	391628	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	38
2			Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
3			Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	38
4			Fenchol, exo-	154	C10H18O	022627-95-8	27
5			Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047952.D
Acq On : 12 Apr 2022 13:54
Operator : SY/MD
Sample : N2358-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrahydrofurfu...	7.980	3.5	ug/L	81226	2	9.417	1171830	50.0
unknown-01	9.581	2.9	ug/L	68519	2	9.417	1171830	50.0
2-Cyclopenten-1...	10.697	4.2	ug/L	99652	3	11.812	1198870	50.0
1-Pentene, 5-ch...	11.954	3.2	ug/L	77378	3	11.812	1198870	50.0
Benzene, 1-brom...	12.967	13.6	ug/L	324839	3	11.812	1198870	50.0
Benzene, 1-brom...	13.327	8.6	ug/L	205084	3	11.812	1198870	50.0
Hexane, 1,6-dic...	13.375	40.9	ug/L	980472	3	11.812	1198870	50.0
Trichloroacetic...	13.713	2.5	ug/L	60478	3	11.812	1198870	50.0
Hexane, 1-bromo...	14.359	102.2	ug/L	2450380	3	11.812	1198870	50.0
Hexane, 1,5-dib...	14.436	3.5	ug/L	84902	3	11.812	1198870	50.0
unknown-02	14.590	7.4	ug/L	178341	3	11.812	1198870	50.0
Hexane, 2,5-dib...	14.687	6.2	ug/L	149190	3	11.812	1198870	50.0
Hexane, 1,6-dib...	15.310	233.5	ug/L	5598870	3	11.812	1198870	50.0
unknown-03	15.545	231.8	ug/L	5558180	3	11.812	1198870	50.0
unknown-04	15.802	9.6	ug/L	229262	3	11.812	1198870	50.0
Benzene, 1,3-di...	15.892	150.7	ug/L	3613690	3	11.812	1198870	50.0
unknown-05	15.960	8.1	ug/L	193418	3	11.812	1198870	50.0
unknown-06	16.153	3.8	ug/L	90172	3	11.812	1198870	50.0
unknown-07	16.394	1265.7	ug/L	30348000	3	11.812	1198870	50.0
unknown-08	17.259	16.3	ug/L	391628	3	11.812	1198870	50.0