

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046263.D
 Acq On : 10 Dec 2021 14:03
 Operator : SY/MD
 Sample : M4943-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR5

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\SFAMULM112921WMA.M
 Title : VOC Analysis

Signal : TIC: VU046263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	74	82	92	rBV	141688	155169	12.52%	1.476%
2	1.919	172	180	195	rVB	107607	137554	11.10%	1.309%
3	2.221	272	274	276	rBV2	390	281	0.02%	0.003%
4	2.260	284	286	290	rVB3	555	341	0.03%	0.003%
5	2.343	308	312	315	rBV3	668	469	0.04%	0.004%
6	2.362	315	318	321	rBV4	556	375	0.03%	0.004%
7	2.414	331	334	338	rVB	507	355	0.03%	0.003%
8	2.436	338	341	343	rBV3	538	301	0.02%	0.003%
9	2.452	343	346	348	rVB	441	256	0.02%	0.002%
10	2.575	370	384	403	rBV	244091	410065	33.08%	3.901%
11	2.806	453	456	465	rVB3	584	678	0.05%	0.006%
12	2.848	465	469	470	rBV	531	332	0.03%	0.003%
13	2.919	486	491	496	rVB	380	424	0.03%	0.004%
14	2.967	501	506	508	rBV2	243	251	0.02%	0.002%
15	3.051	521	532	546	rBV	25881	48088	3.88%	0.457%
16	3.128	550	556	559	rBV	418	356	0.03%	0.003%
17	3.189	559	575	589	rBV3	3202	7573	0.61%	0.072%
18	3.369	628	631	637	rVB	451	504	0.04%	0.005%
19	3.411	641	644	649	rVV	306	307	0.02%	0.003%
20	3.536	680	683	686	rVB	431	263	0.02%	0.003%
21	3.796	760	764	769	rVB	313	306	0.02%	0.003%
22	4.002	825	828	836	rVV2	493	609	0.05%	0.006%
23	4.089	853	855	860	rVB	516	361	0.03%	0.003%
24	4.118	860	864	870	rVB	355	354	0.03%	0.003%
25	4.198	885	889	893	rVB	442	465	0.04%	0.004%
26	4.231	893	899	901	rBV2	417	439	0.04%	0.004%
27	4.282	907	915	916	rBV2	328	420	0.03%	0.004%
28	4.378	943	945	949	rVB	456	264	0.02%	0.003%
29	4.407	949	954	955	rBV2	334	295	0.02%	0.003%
30	4.456	966	969	972	rBV	407	318	0.03%	0.003%
31	4.639	1009	1026	1072	rBV2	110877	332635	26.84%	3.165%
32	4.980	1129	1132	1137	rBV	339	309	0.02%	0.003%
33	5.005	1137	1140	1143	rBV3	297	249	0.02%	0.002%
34	5.070	1143	1160	1180	rVV	222830	498884	40.25%	4.746%
35	5.427	1268	1271	1274	rBV2	352	256	0.02%	0.002%
36	5.533	1300	1304	1308	rBV	361	314	0.03%	0.003%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046263.D
 Acq On : 10 Dec 2021 14:03
 Operator : SY/MD
 Sample : M4943-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR5

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\SFAMULM112921WMA.M
 Title : VOC Analysis

37	5.729	1343	1365	1383	rBV2	456305	1239537	100.00%	11.792%
38	5.973	1438	1441	1444	rBV	590	501	0.04%	0.005%
39	6.018	1452	1455	1459	rBV2	363	360	0.03%	0.003%
40	6.166	1498	1501	1507	rVB2	735	669	0.05%	0.006%
41	6.253	1512	1528	1547	rBV	242899	456259	36.81%	4.341%
42	6.533	1605	1615	1626	rVB3	5626	9942	0.80%	0.095%
43	6.693	1649	1665	1682	rBV	287154	559818	45.16%	5.326%
44	7.054	1772	1777	1780	rBB2	436	361	0.03%	0.003%
45	7.185	1812	1818	1829	rVB6	1176	1778	0.14%	0.017%
46	7.292	1847	1851	1857	rVB	470	492	0.04%	0.005%
47	7.430	1891	1894	1899	rVB	735	620	0.05%	0.006%
48	7.468	1899	1906	1909	rBV2	594	756	0.06%	0.007%
49	7.568	1923	1937	1954	rBV	175185	302567	24.41%	2.879%
50	7.790	2000	2006	2008	rBV2	986	935	0.08%	0.009%
51	7.899	2024	2040	2055	rBV	586606	1014858	81.87%	9.655%
52	8.182	2115	2128	2147	rBV	121546	206034	16.62%	1.960%
53	8.324	2167	2172	2176	rVB	283	334	0.03%	0.003%
54	8.391	2189	2193	2199	rBV2	361	462	0.04%	0.004%
55	8.562	2243	2246	2249	rBV	427	254	0.02%	0.002%
56	8.581	2249	2252	2256	rBV	402	380	0.03%	0.004%
57	8.636	2256	2269	2301	rBV	410995	722402	58.28%	6.873%
58	8.835	2328	2331	2335	rBV2	269	283	0.02%	0.003%
59	8.899	2348	2351	2354	rBV2	655	526	0.04%	0.005%
60	9.124	2418	2421	2426	rBV	588	626	0.05%	0.006%
61	9.214	2444	2449	2463	rVB5	2332	3548	0.29%	0.034%
62	9.288	2469	2472	2475	rVB	441	265	0.02%	0.003%
63	9.308	2475	2478	2480	rBV2	504	339	0.03%	0.003%
64	9.336	2481	2487	2494	rVB5	1899	2525	0.20%	0.024%
65	9.420	2499	2513	2535	rBV	358915	603037	48.65%	5.737%
66	9.574	2550	2561	2578	rVV	13152	21835	1.76%	0.208%
67	9.693	2587	2598	2608	rBV2	35149	60648	4.89%	0.577%
68	9.816	2633	2636	2638	rBV	422	271	0.02%	0.003%
69	9.857	2645	2649	2652	rBV	463	388	0.03%	0.004%
70	9.960	2678	2681	2684	rVB2	553	351	0.03%	0.003%
71	10.018	2691	2699	2711	rBV8	3757	7272	0.59%	0.069%
72	10.102	2717	2725	2740	rBV2	12753	25072	2.02%	0.239%
73	10.250	2764	2771	2784	rVB2	8943	14740	1.19%	0.140%
74	10.320	2786	2793	2796	rBV3	1429	2136	0.17%	0.020%
75	10.356	2797	2804	2809	rBV7	3171	4835	0.39%	0.046%
76	10.558	2856	2867	2875	rBV6	6363	12761	1.03%	0.121%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046263.D
 Acq On : 10 Dec 2021 14:03
 Operator : SY/MD
 Sample : M4943-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR5

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\SFAMULM112921WMA.M
 Title : VOC Analysis

77	10.758	2917	2929	2958	rVB	449935	726670	58.62%	6.913%
78	10.999	2997	3004	3018	rBV	8836	19901	1.61%	0.189%
79	11.066	3018	3025	3029	rVV6	6977	11064	0.89%	0.105%
80	11.115	3032	3040	3057	rVB	70282	113450	9.15%	1.079%
81	11.311	3089	3101	3112	rBV8	8215	19613	1.58%	0.187%
82	11.378	3116	3122	3127	rVV4	7790	11300	0.91%	0.108%
83	11.417	3127	3134	3141	rVV2	23921	34759	2.80%	0.331%
84	11.468	3142	3150	3174	rVB2	32994	68929	5.56%	0.656%
85	11.574	3175	3183	3190	rBV3	9591	15720	1.27%	0.150%
86	11.703	3217	3223	3233	rVB8	11407	18461	1.49%	0.176%
87	11.812	3246	3257	3270	rBV	441601	701257	56.57%	6.671%
88	11.873	3271	3276	3281	rBV	11599	14887	1.20%	0.142%
89	12.195	3363	3376	3390	rVB	646654	1045969	84.38%	9.951%
90	12.327	3409	3417	3428	rVB	85906	121362	9.79%	1.155%
91	13.134	3664	3668	3676	rVB6	5322	6180	0.50%	0.059%
92	13.433	3753	3761	3784	rVB3	25824	46858	3.78%	0.446%
93	14.085	3955	3964	3984	rVB	117238	192449	15.53%	1.831%
94	14.449	4072	4077	4086	rVB	18141	23415	1.89%	0.223%
95	14.658	4135	4142	4147	rBV9	5944	10329	0.83%	0.098%
96	15.220	4307	4317	4330	rBV	56713	91065	7.35%	0.866%
97	15.404	4366	4374	4389	rVB3	42553	68112	5.49%	0.648%
98	16.143	4599	4604	4613	rVB2	21463	30588	2.47%	0.291%
99	16.262	4632	4641	4647	rBV	69111	118115	9.53%	1.124%
100	16.407	4678	4686	4693	rBV	75850	119590	9.65%	1.138%

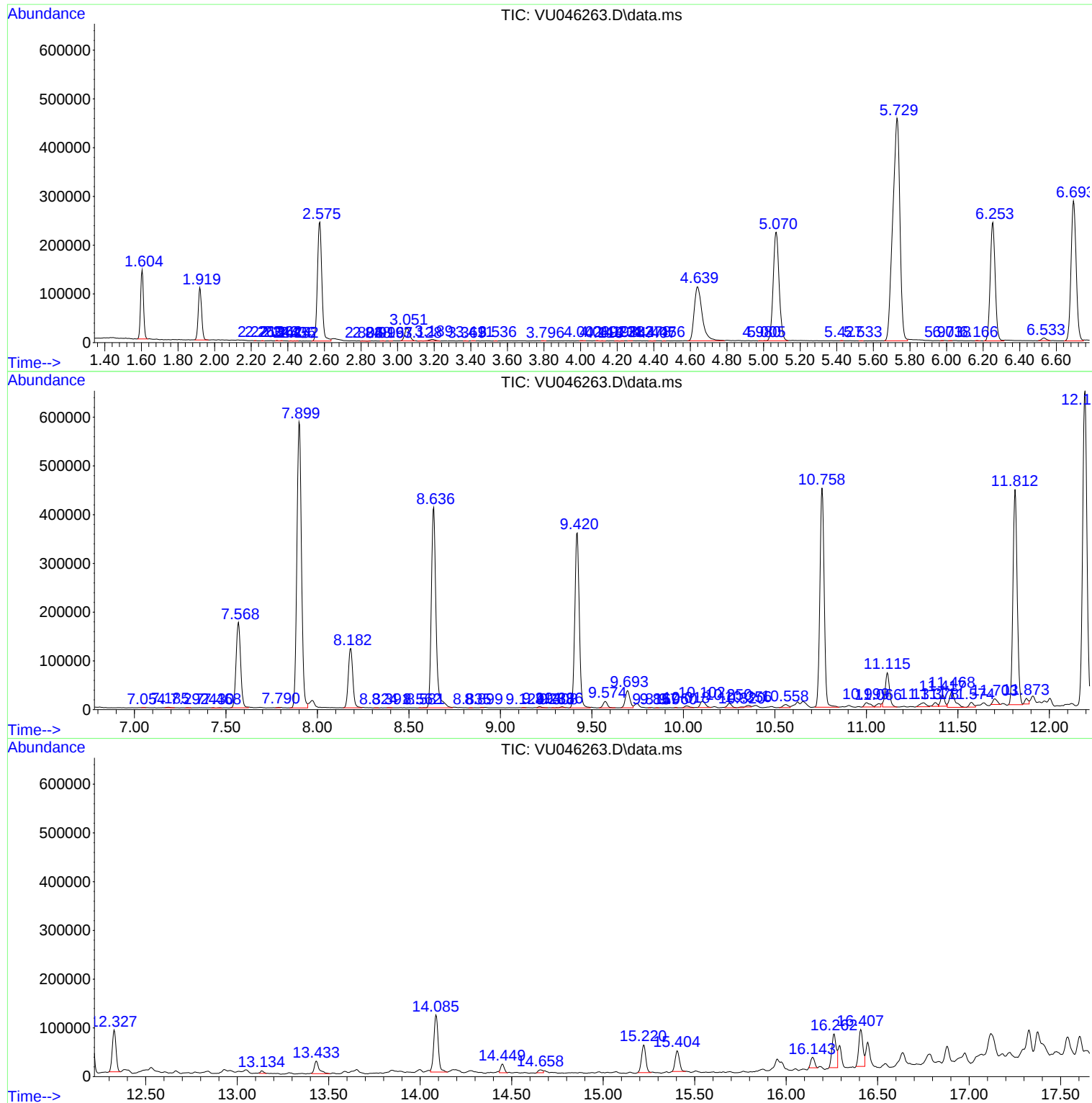
Sum of corrected areas: 10511240

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

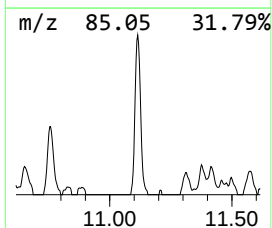
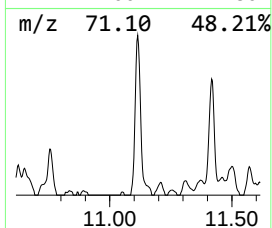
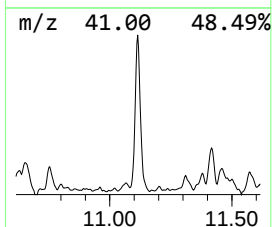
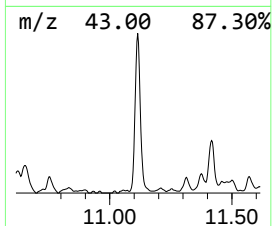
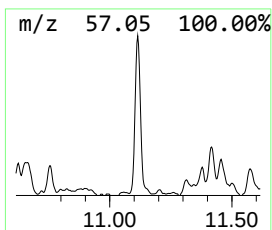
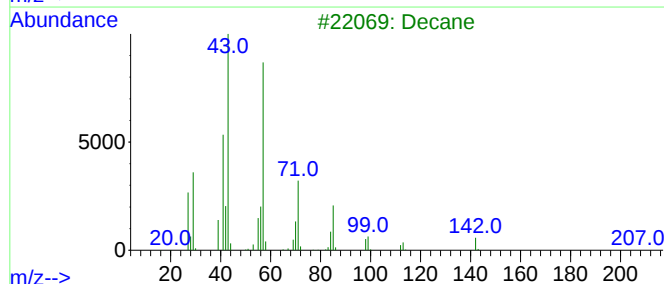
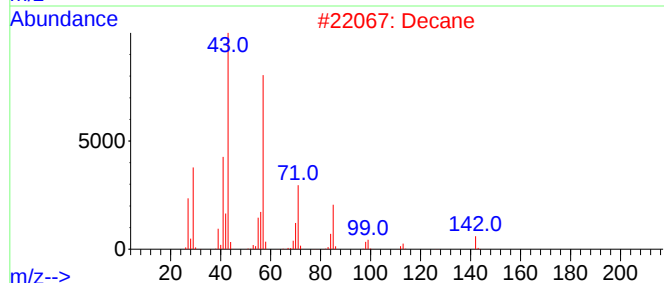
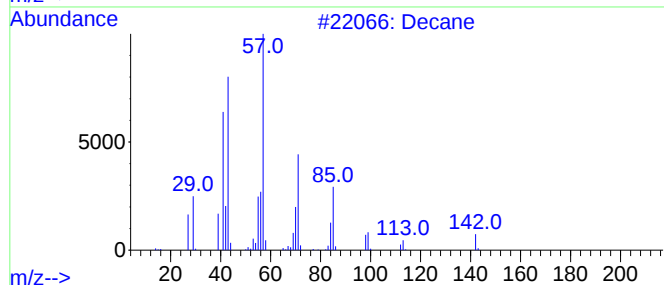
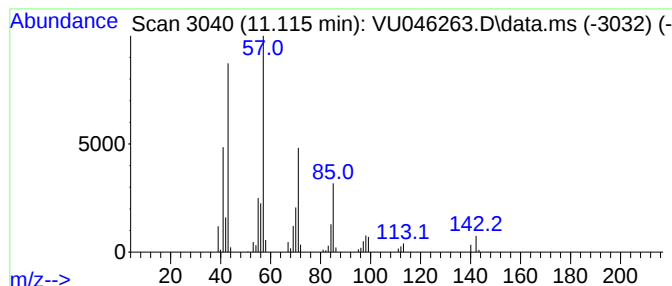
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.115	8.09 ug/L	113450	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	96
2			Decane	142	C10H22	000124-18-5	95
3			Decane	142	C10H22	000124-18-5	94
4			Decane	142	C10H22	000124-18-5	83
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

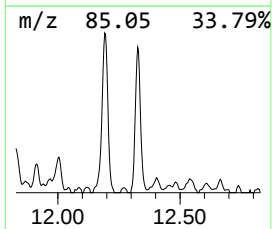
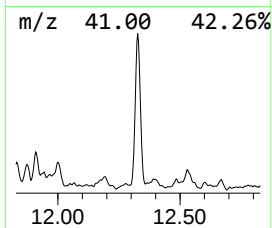
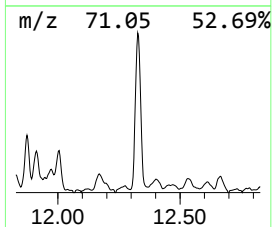
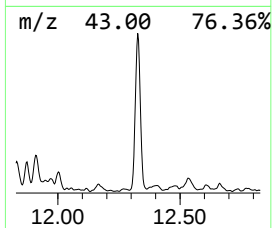
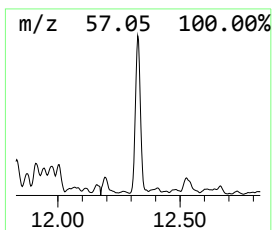
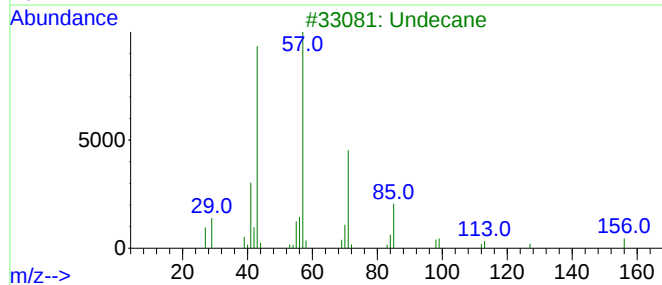
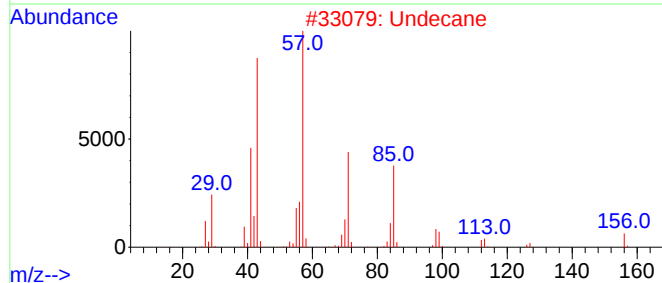
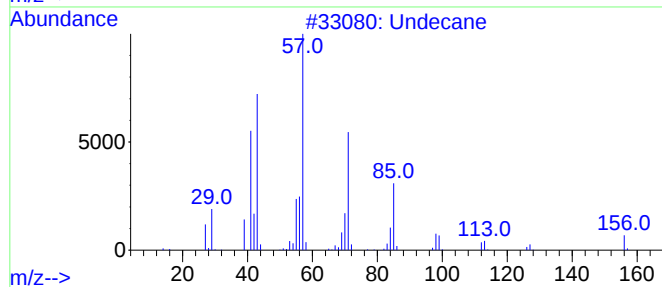
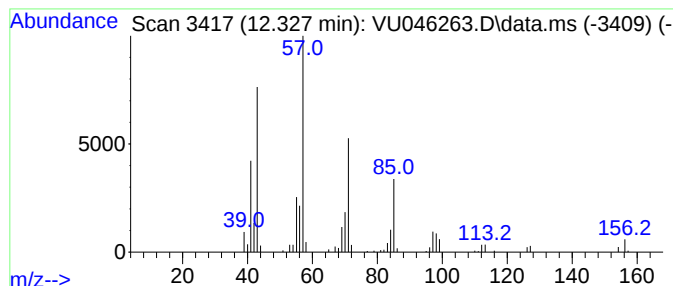
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	8.65 ug/L	121362	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Undecane			156	C11H24	001120-21-4	94
3	Undecane			156	C11H24	001120-21-4	90
4	Undecane			156	C11H24	001120-21-4	87
5	Hexadecane			226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

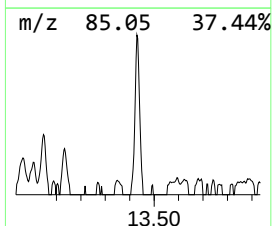
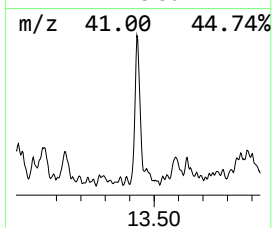
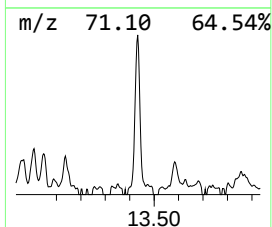
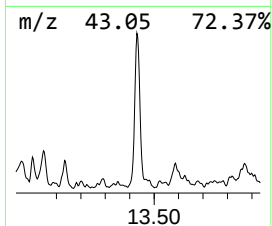
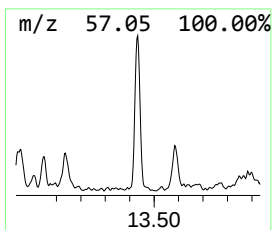
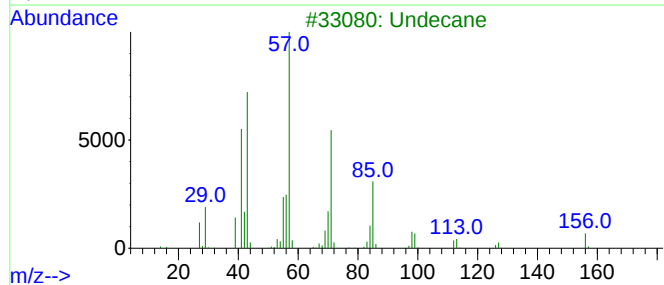
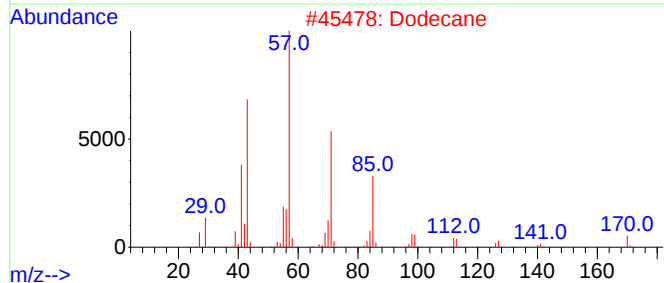
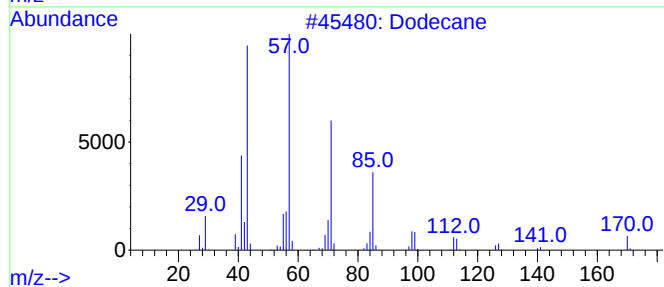
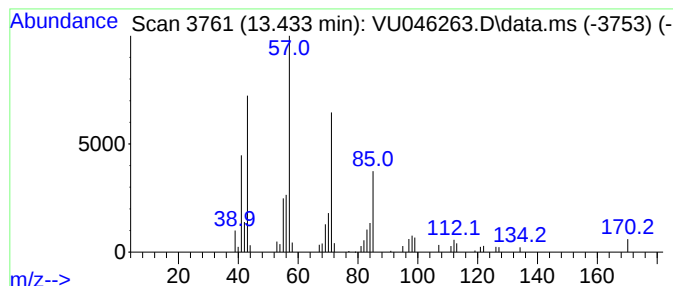
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	3.34 ug/L	46858	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Dodecane	170	C12H26	000112-40-3	93
3			Undecane	156	C11H24	001120-21-4	90
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

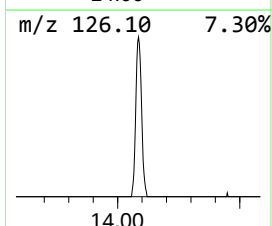
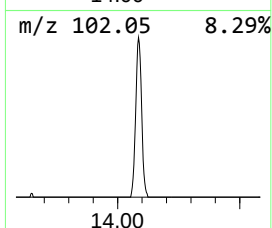
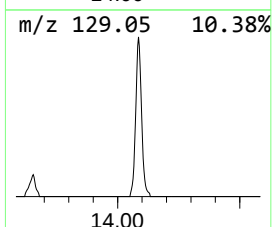
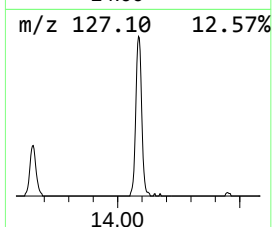
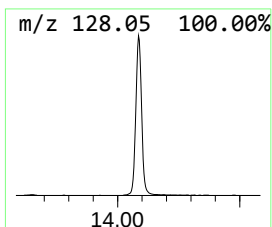
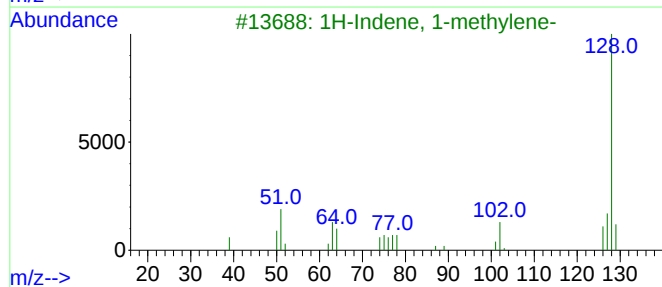
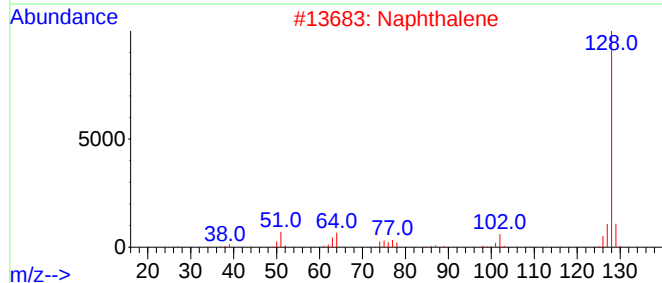
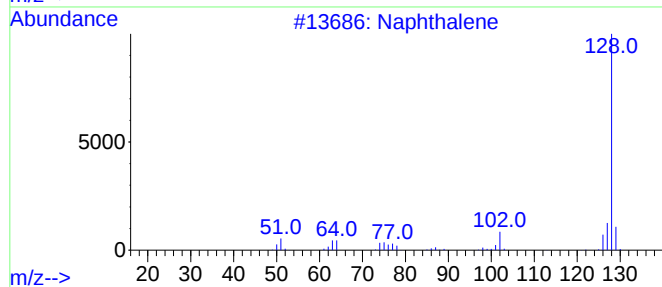
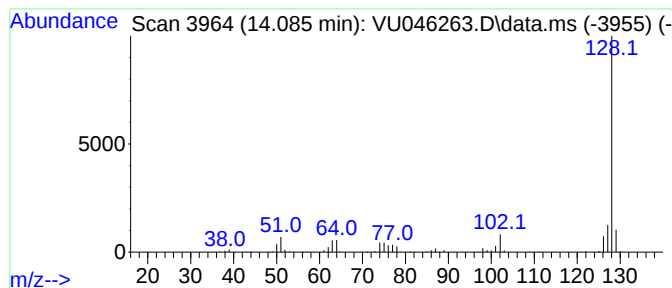
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	13.72 ug/L	192449	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	91
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

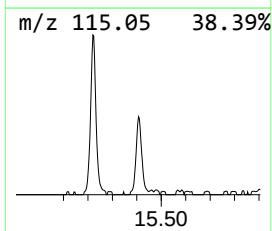
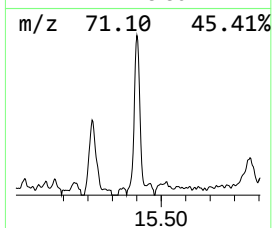
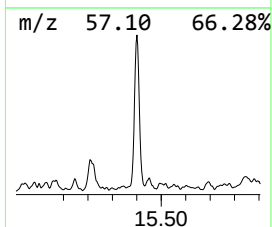
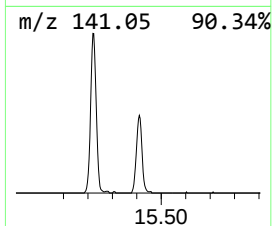
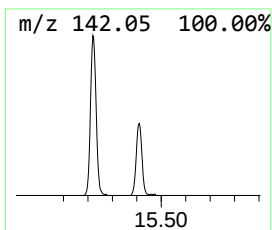
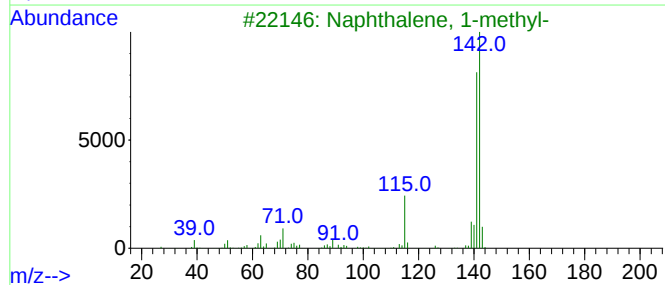
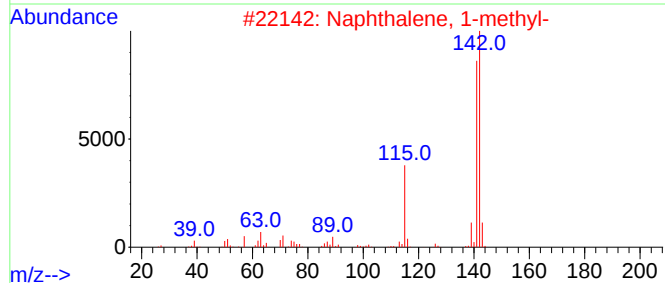
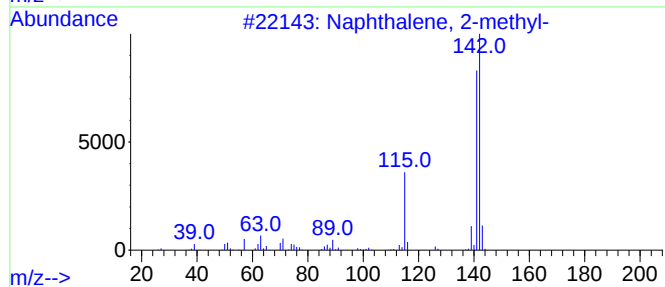
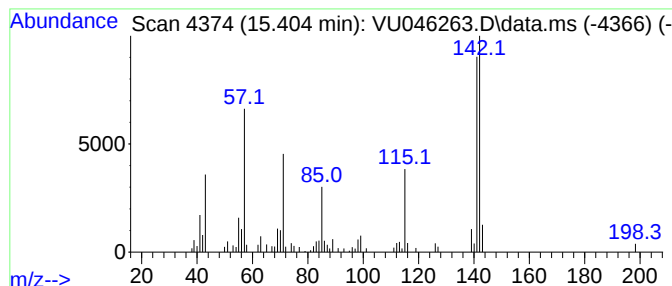
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzocycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	4.86 ug/L	68112	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
4			Benzocycloheptatriene	142	C11H10	000264-09-5	76
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

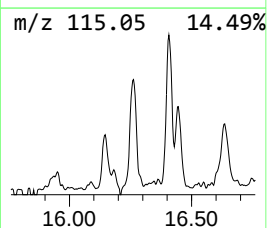
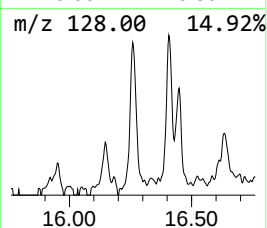
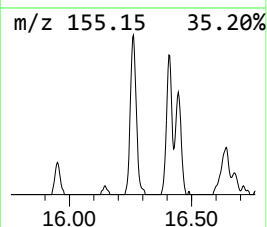
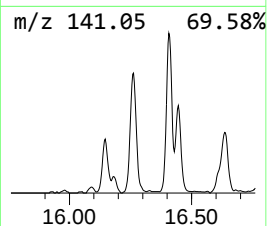
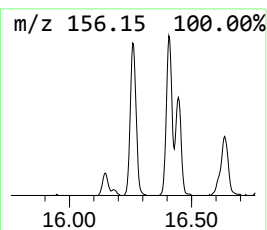
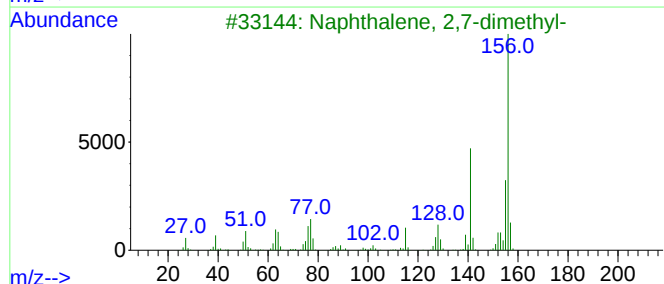
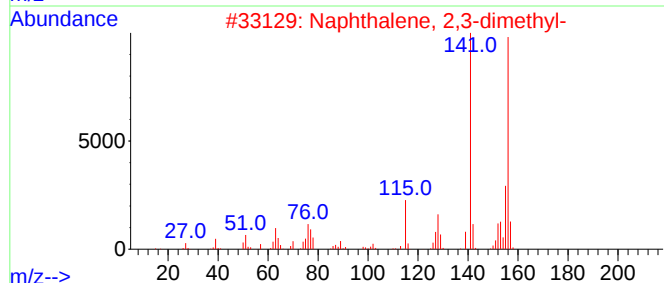
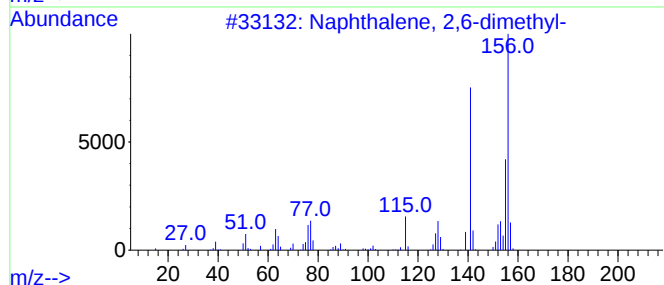
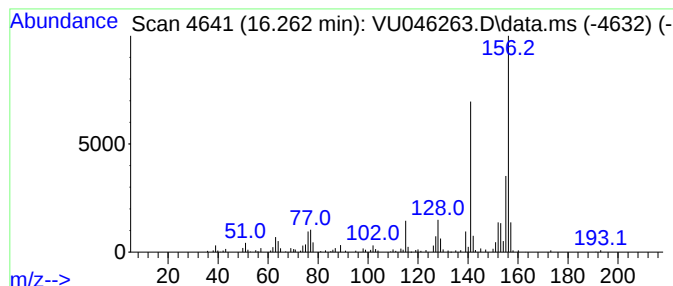
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	8.42 ug/L	118115	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

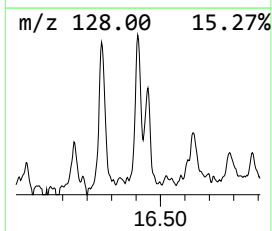
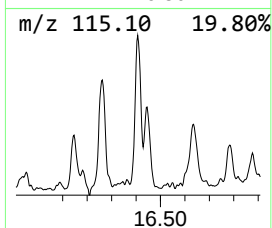
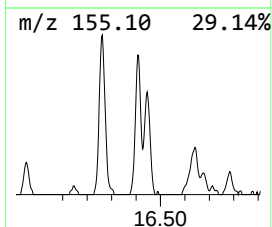
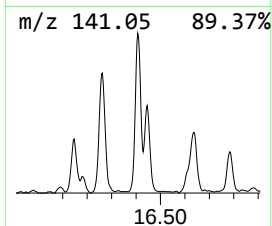
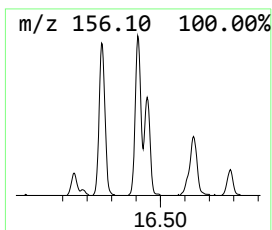
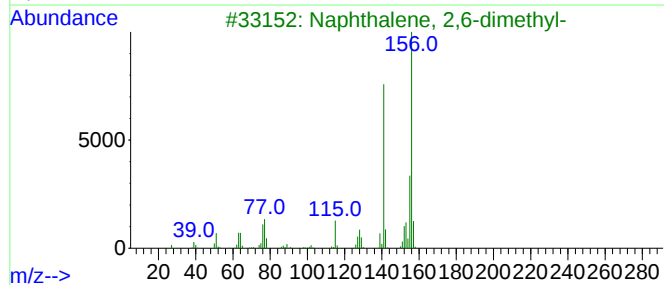
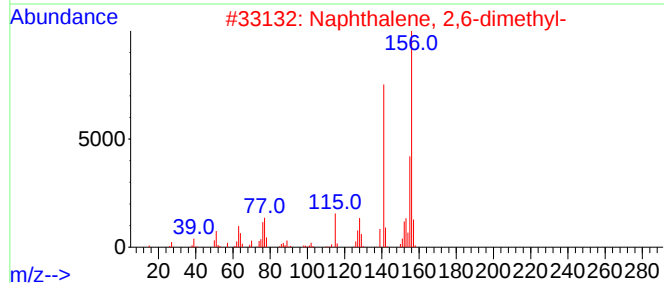
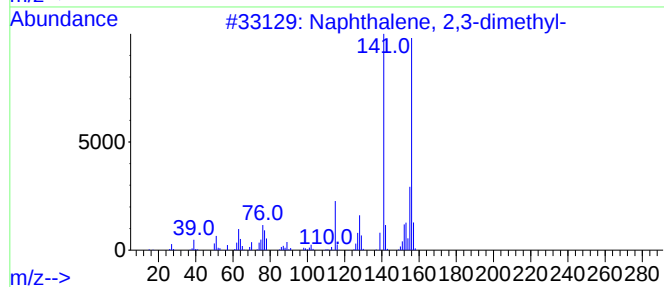
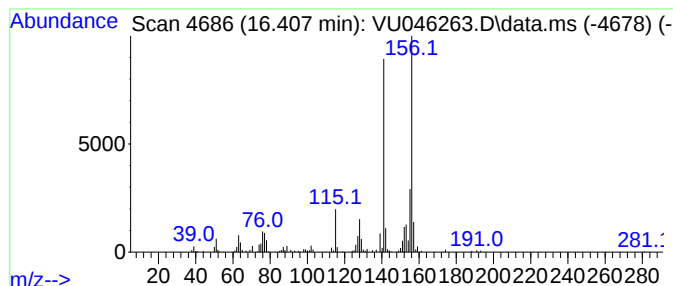
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	8.53 ug/L	119590	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046263.D
Acq On : 10 Dec 2021 14:03
Operator : SY/MD
Sample : M4943-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.115	8.1	ug/L	113450	3	11.812	701257	50.0
(DEL) Alkane: S...	12.327	8.7	ug/L	121362	3	11.812	701257	50.0
(DEL) Alkane: S...	13.433	3.3	ug/L	46858	3	11.812	701257	50.0
Azulene	14.085	13.7	ug/L	192449	3	11.812	701257	50.0
Benzocyclohepta...	15.404	4.9	ug/L	68112	3	11.812	701257	50.0
Naphthalene, 2,...	16.262	8.4	ug/L	118115	3	11.812	701257	50.0
Naphthalene, 2,...	16.407	8.5	ug/L	119590	3	11.812	701257	50.0