LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037258.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	35	43	50	rBV	8609	15920	0.49%	0.052%
2	1.217	50	55	59	rBV7	4723	5679	0.18%	0.019%
3	1.278	66	74	89	rBV	513200	555734	17.24%	1.827%
4	1.417	110	117	125	rBV10	13337	20675	0.64%	0.068%
5	1.532	145	153	170	rVB	413831	484250	15.02%	1.592%
6	2.057	305	316	337	rBV	840371	1239934	38.47%	4.076%
7	2.880	561	572	584	rBV2	46085	91724	2.85%	0.301%
8	3.343	711	716	722	rVB9	1966	2681	0.08%	0.009%
9	3.606	788	798	824	rBV3	81900	213887	6.64%	0.703%
10	3.786	845	854	889	rBV	133326	365461	11.34%	1.201%
11	4.240	975	995	1024	rBV	508833	1295794	40.20%	4.259%
12	4.947	1196	1215	1238	rBV2	1275542	3223266	100.00%	10.595%
13	5.323	1326	1332	1338	rVB8	2050	2790	0.09%	0.009%
14	5.526	1383	1395	1425	rBV	904982	1851267	57.43%	6.085%
15	5.828	1479	1489	1497	rBV9	7733	14030	0.44%	0.046%
16	5.908	1507	1514	1522	rBV3	16847	36644	1.14%	0.120%
17	5.979	1524	1536	1564	rVB	698938	1465671	45.47%	4.818%
18	6.642	1737	1742	1749	rVB	1789	2373	0.07%	0.008%
19	6.905	1814	1824	1853	rVV	392665	741699	23.01%	2.438%
20	7.236	1915	1927	1952	rBV	1494924	2630676	81.62%	8.647%
21	7.548	2013	2024	2056	rBV	248106	467373	14.50%	1.536%
22	7.735	2078	2082	2087	rVB6	2394	2406	0.07%	0.008%
23	8.021	2156	2171	2216	rBV	437674	900171	27.93%	2.959%
24	8.596	2342	2350	2359	rVB	3763	7217	0.22%	0.024%
25	8.725	2378	2390	2395	rBV9	3324	6125	0.19%	0.020%
26	8.777	2395	2406	2433	rBV	1373754	2250427	69.82%	7.397%
27	9.043	2482	2489	2492	rBV7	3729	4738	0.15%	0.016%
28	9.140	2509	2519	2530	rBV3	28685	51003	1.58%	0.168%
29	9.403	2596	2601	2610	rVB3	4349	6061	0.19%	0.020%
30	9.503	2617	2632	2633	rBV3	6811	10802	0.34%	0.036%
31	9.561	2648	2650	2658	rVB9	3178	3117	0.10%	0.010%
32	9.645	2670	2676	2686	rVB5	11761	18304	0.57%	0.060%
33	9.731	2692	2703	2713	rVV5	7305	16504	0.51%	0.054%
34	9.783	2713	2719	2726	rVB7	6776	9865	0.31%	0.032%
35	9.870	2731	2746	2750	rBV7	7899	14427	0.45%	0.047%
36	9.953	2764	2772	2778	rBV7	7700	12177	0.38%	0.040%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
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Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

37	10.018	2779	2792	2796	rVV5	17398	31348	0.97%	0.103%
38	10.050	2797	2802	2812	rVB3	27243	41342	1.28%	0.136%
39	10.146	2814	2832	2851	rBV	756208	1231420	38.20%	4.048%
40	10.291	2868	2877	2879	rBV6	9609	13769	0.43%	0.045%
41	10.381	2899	2905	2909	rBV5	8921	11817	0.37%	0.039%
42	10.442	2916	2924	2936	rBV	62449	102214	3.17%	0.336%
43	10.513	2937	2946	2967	rVB	165116	264722	8.21%	0.870%
44	10.596	2967	2972	2974	rBV5	2976	2473	0.08%	0.008%
45	10.702	3001	3005	3015	rVB7	11354	16724	0.52%	0.055%
46	10.773	3015	3027	3031	rBV5	13436	20842	0.65%	0.069%
47	10.812	3031	3039	3046	rVV2	37595	55709	1.73%	0.183%
48	10.854	3047	3052	3062	rVB3	7980	13861	0.43%	0.046%
49	10.966	3077	3087	3095	rBV4	24582	48890	1.52%	0.161%
50	11.030	3102	3107	3115	rVB7	15846	24827	0.77%	0.082%
51	11.088	3119	3125	3133	rVB4	11680	16974	0.53%	0.056%
52	11.178	3141	3153	3167	rBV	1506700	2343920	72.72%	7.705%
53	11.268	3177	3181	3188	rVV2	28030	32549	1.01%	0.107%
54	11.307	3188	3193	3205	rVB2	52693	73424	2.28%	0.241%
55	11.397	3213	3221	3230	rVB4	45772	63654	1.97%	0.209%
56	11.471	3235	3244	3259	rBV	140211	295111	9.16%	0.970%
57	11.551	3259	3269	3292	rVB	1479737	2341401	72.64%	7.696%
58	11.725	3313	3323	3335	rBV	237683	362586	11.25%	1.192%
59	11.870	3355	3368	3376	rBV	23177	59214	1.84%	0.195%
60	11.928	3379	3386	3403	rVB7	22568	55225	1.71%	0.182%
61	12.001	3404	3409	3414	rBV8	6315	8380	0.26%	0.028%
62	12.056	3422	3426	3437	rVB10	18875	27153	0.84%	0.089%
63	12.127	3444	3448	3456	rVB9	10821	14541	0.45%	0.048%
64	12.188	3457	3467	3470	rBV10	9786	16211	0.50%	0.053%
65	12.304	3494	3503	3509	rBV4	25340	43555	1.35%	0.143%
66	12.349	3511	3517	3526	rVV5	26493	46297	1.44%	0.152%
67	12.400	3526	3533	3538	rVV4	29029	41448	1.29%	0.136%
68	12.439	3539	3545	3554	rVB2	35627	50905	1.58%	0.167%
69	12.526	3565	3572	3580	rVB3	24229	33798	1.05%	0.111%
70	12.574	3583	3587	3588	rBV3	4771	3617	0.11%	0.012%
71	12.776	3647	3650	3652	rBV4	5271	3726	0.12%	0.012%
72	12.821	3655	3664	3682	rVV2	128280	204669	6.35%	0.673%
73	12.976	3704	3712	3724	rBV2	29586	54398	1.69%	0.179%
74	13.204	3773	3783	3789	rBV2	15751	28073	0.87%	0.092%
75	13.317	3810	3818	3826	rBV	92432	155013	4.81%	0.510%
76	13.365	3827	3833	3845	rVB2	75053	132571	4.11%	0.436%

LSC Area Percent Report

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Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

77	13.442	3852	3857	3864	rBV2	16633	20851	0.65%	0.069%
78	13.532	3881	3885	3887	rBV5	6660	5955	0.18%	0.020%
79	13.751	3945	3953	3971	rBV3	89215	161556	5.01%	0.531%
80	13.834	3972	3979	3993	rBV	92547	129081	4.00%	0.424%
81	13.911	3995	4003	4012	rBV7	40604	71620	2.22%	0.235%
82	14.011	4026	4034	4048	rBV4	73697	163918	5.09%	0.539%
83	14.133	4066	4072	4079	rBV5	18910	23289	0.72%	0.077%
84	14.345	4128	4138	4152	rBV2	224317	377689	11.72%	1.241%
85	14.567	4200	4207	4211	rBV	89668	122585	3.80%	0.403%
86	14.754	4256	4265	4267	rBV3	65816	91228	2.83%	0.300%
87	14.841	4288	4292	4299	rVB6	19971	22432	0.70%	0.074%
88	15.352	4446	4451	4460	rVB4	39509	51605	1.60%	0.170%
89	15.596	4518	4527	4542	rVV	246854	448778	13.92%	1.475%
90	15.667	4544	4549	4556	rVB2	65928	83597	2.59%	0.275%
91	15.741	4563	4572	4578	rBV2	249111	408840	12.68%	1.344%
92	15.779	4578	4584	4601	rVB3	230665	408510	12.67%	1.343%
93	15.966	4639	4642	4653	rVB	60527	83847	2.60%	0.276%
94	16.056	4663	4670	4680	rBV3	137810	211622	6.57%	0.696%
95	16.214	4712	4719	4728	rBV4	127053	188882	5.86%	0.621%
96	16.451	4785	4793	4802	rBV	120495	211162	6.55%	0.694%
97	16.503	4804	4809	4816	rVB4	74656	96700	3.00%	0.318%
98	16.651	4849	4855	4864	rBV3	94411	159647	4.95%	0.525%
99	16.850	4909	4917	4926	rVB2	183227	285051	8.84%	0.937%
100	16.905	4927	4934	4948	rVB	100583	164914	5.12%	0.542%

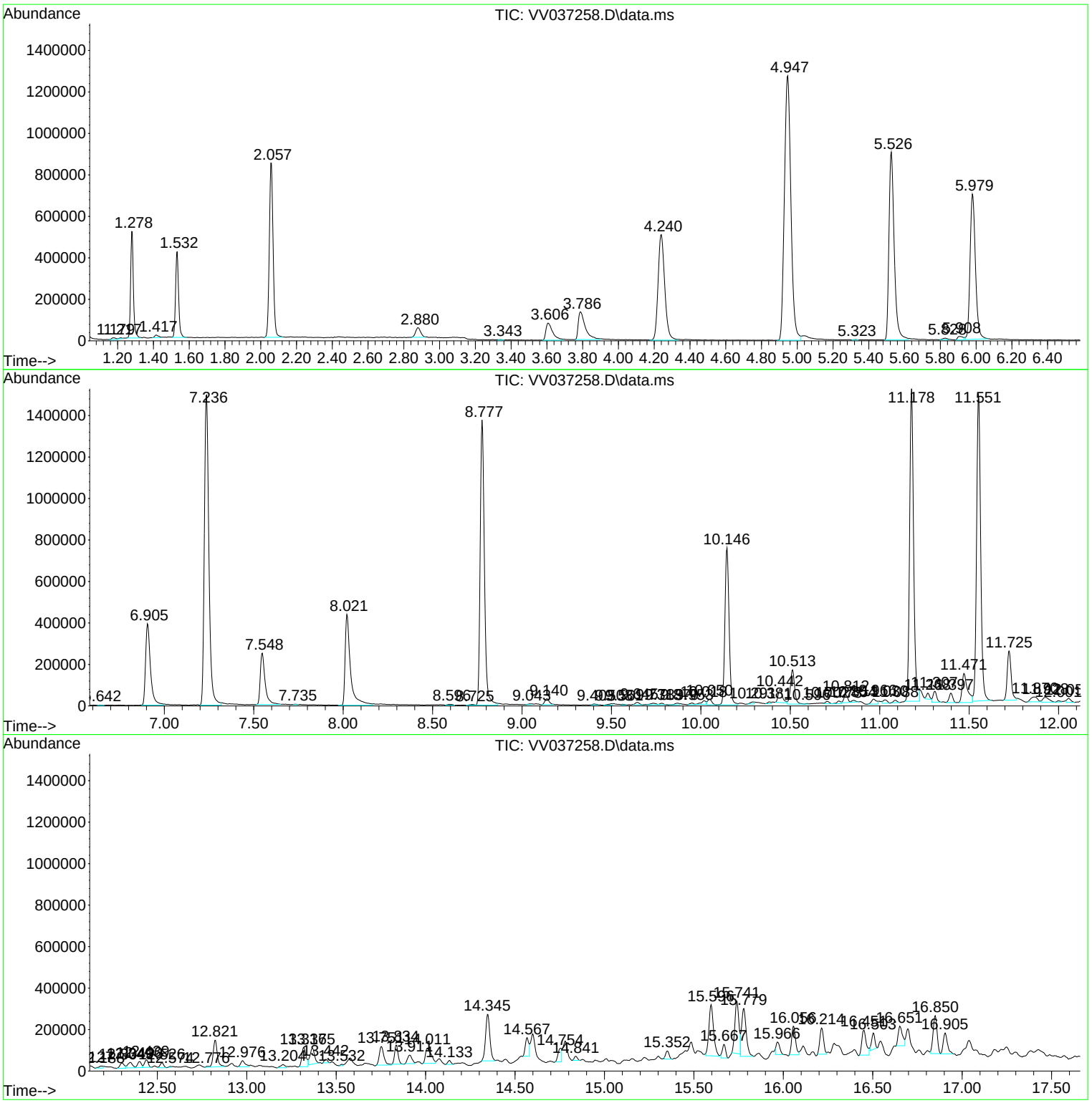
Sum of corrected areas: 30422602

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

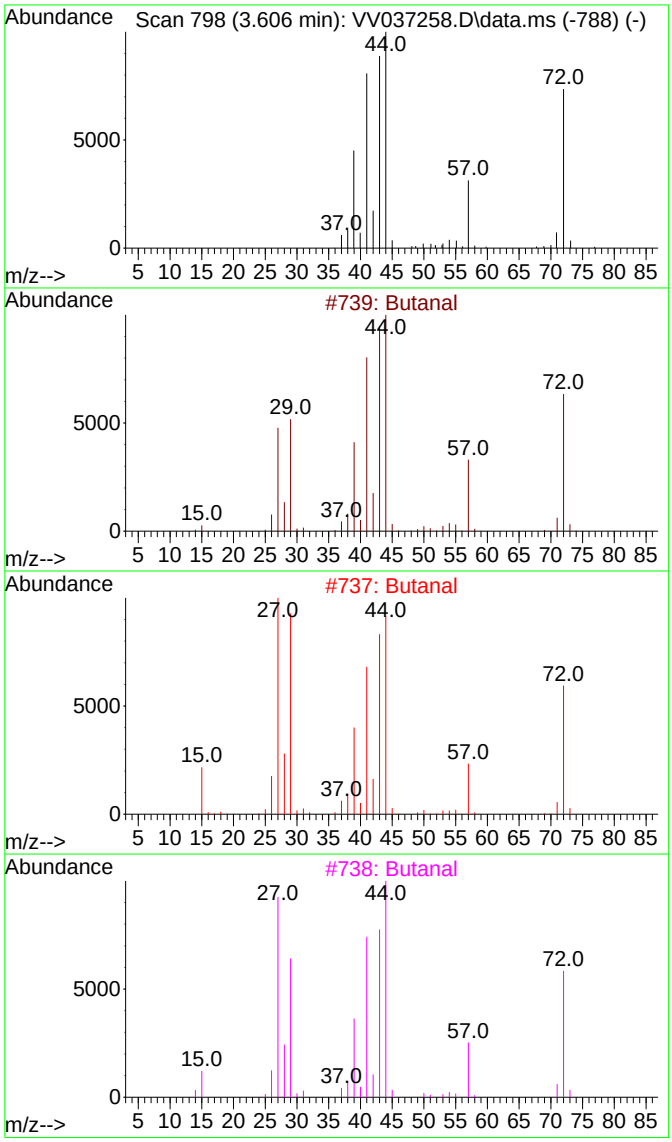
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

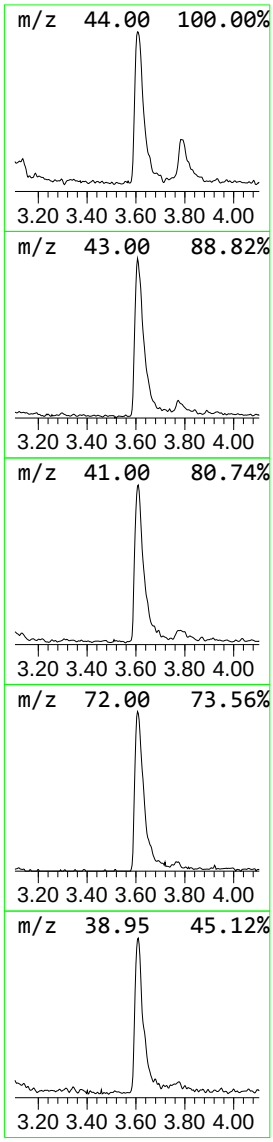
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.606	5.78 ug/L	213887	1,4-Difluorobenzene	5.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	83
4	Butanal	72	C4H8O	000123-72-8	74
5	Butanal	72	C4H8O	000123-72-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

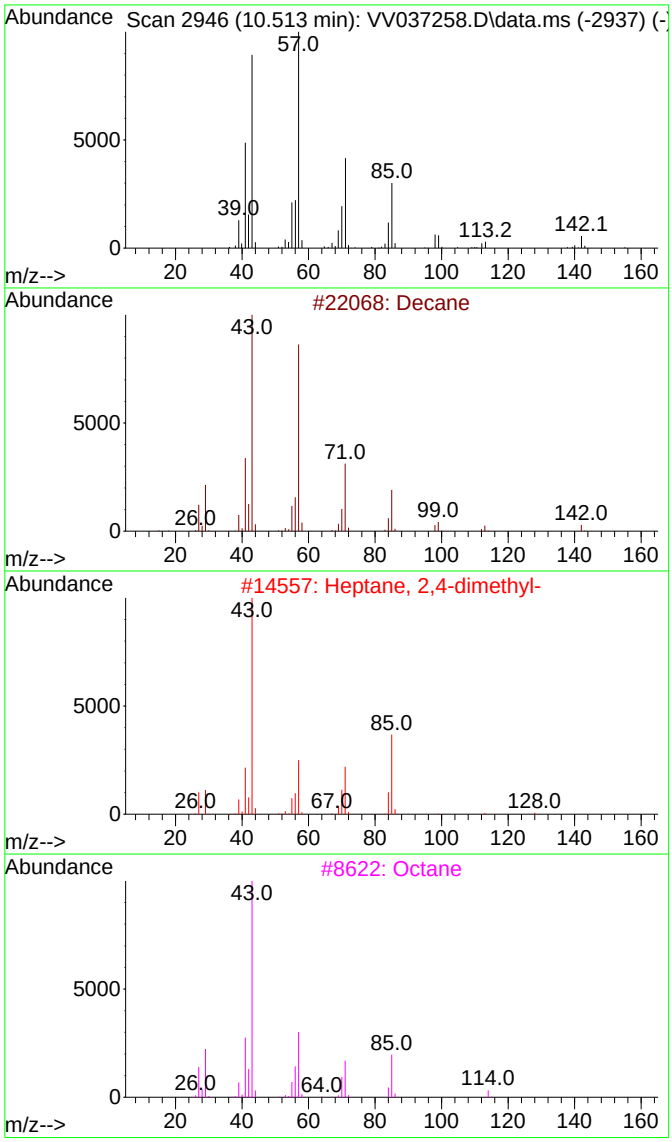
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

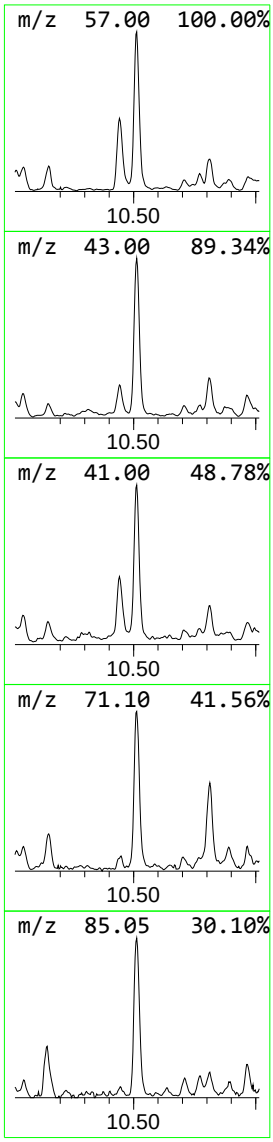
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.513	5.65 ug/L	264722	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	81
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
3	Octane	114	C8H18	000111-65-9	80
4	Decane	142	C10H22	000124-18-5	76
5	Decane	142	C10H22	000124-18-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

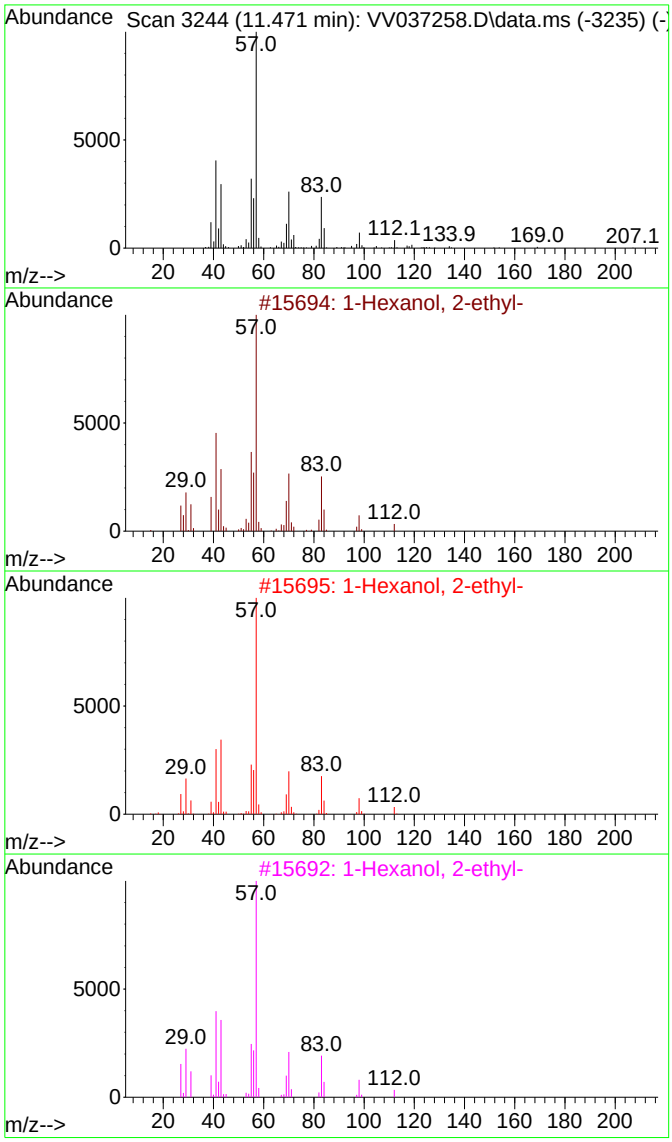
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

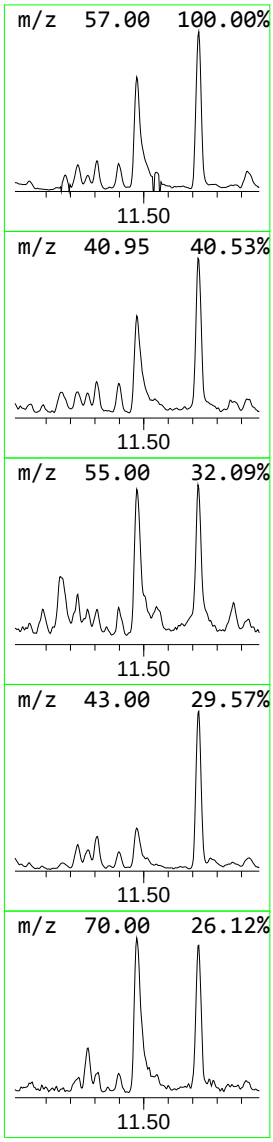
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	6.30 ug/L	295111	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64





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Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

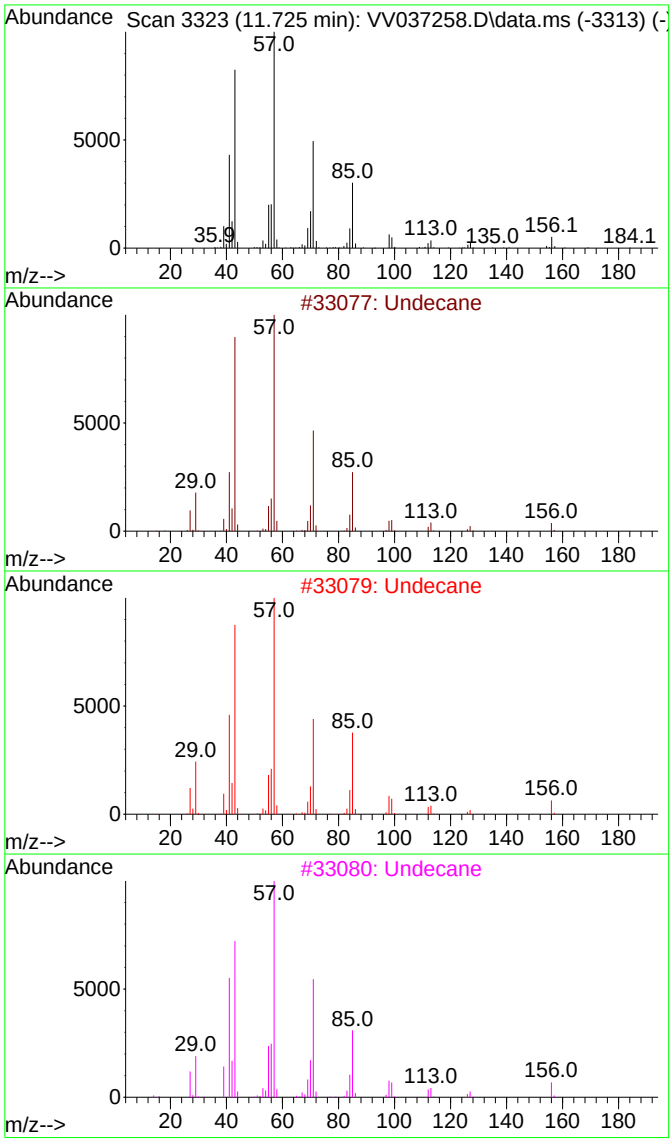
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

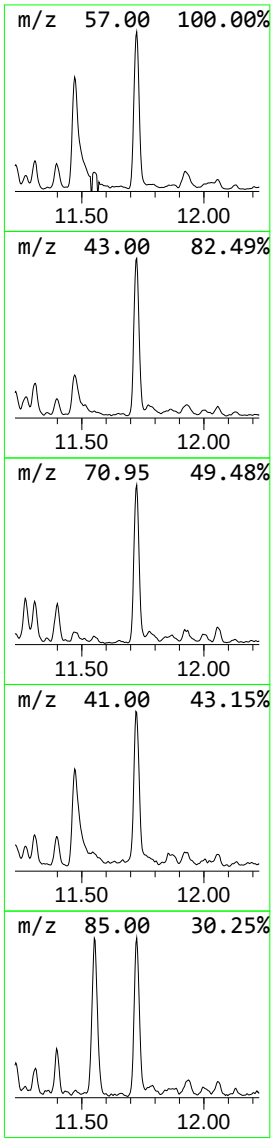
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	7.73 ug/L	362586	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	90
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

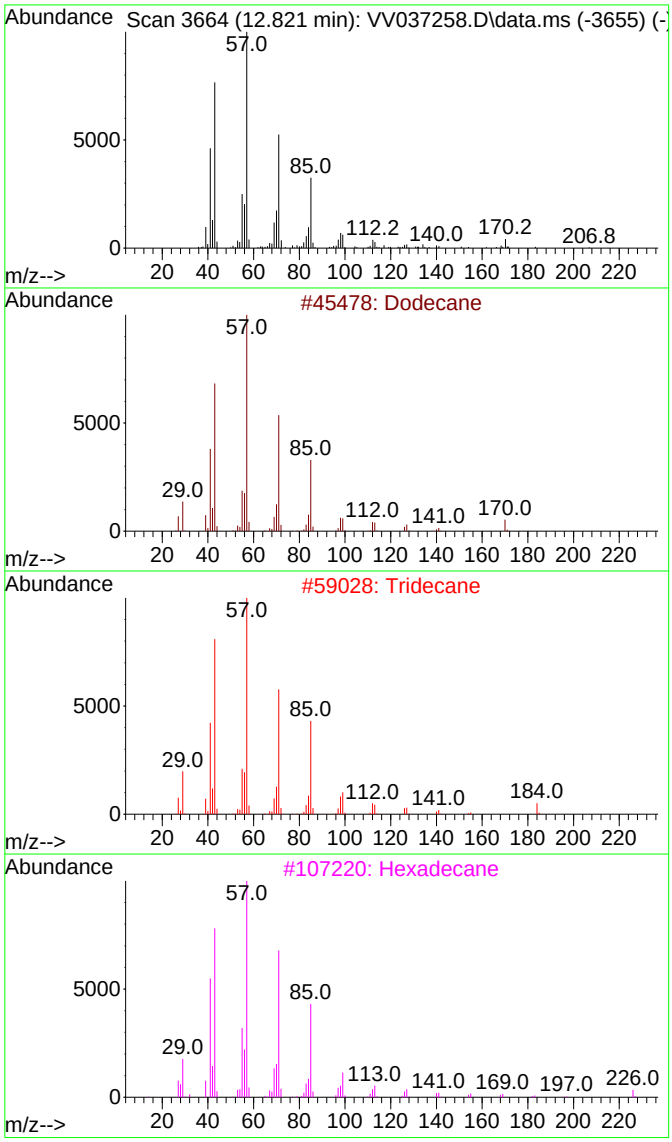
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

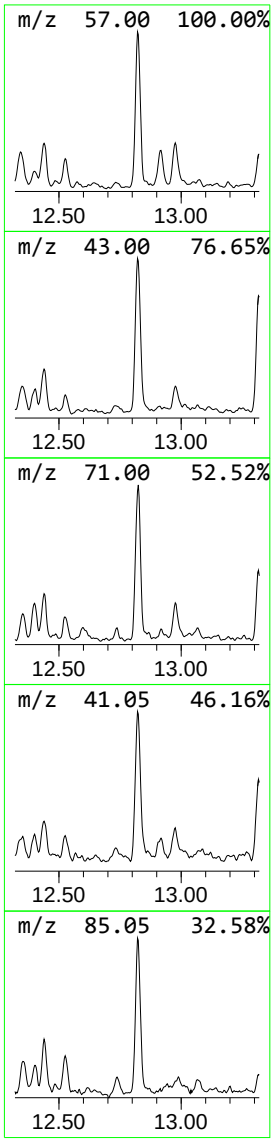
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	4.37 ug/L	204669	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Decane	142	C10H22	000124-18-5	86
5	Dodecane	170	C12H26	000112-40-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

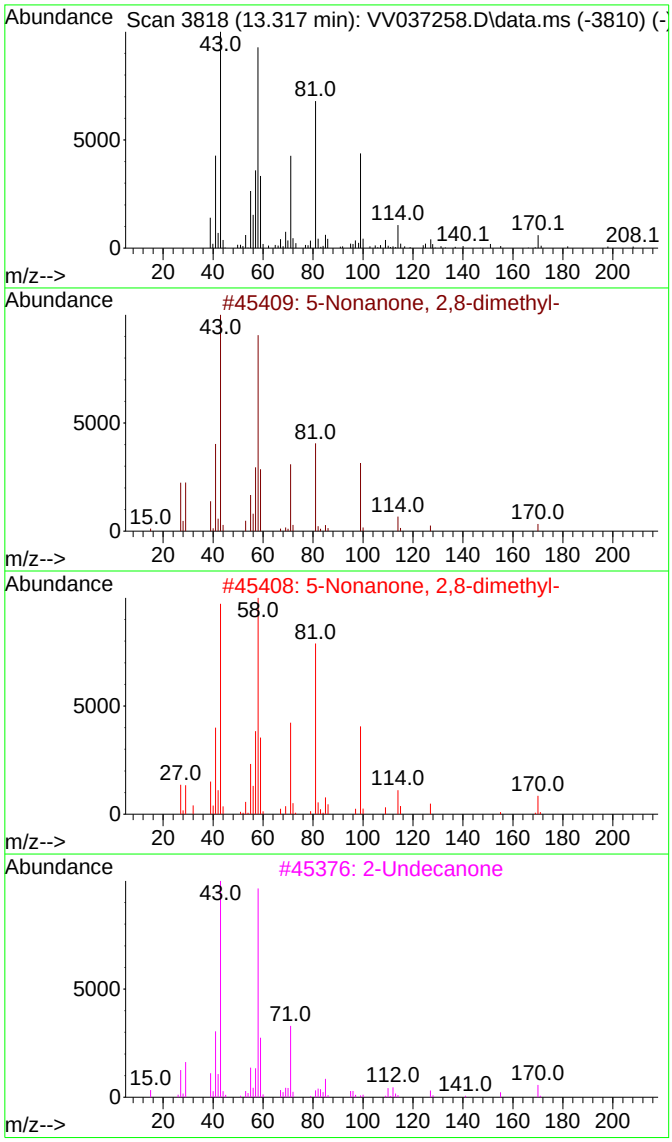
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

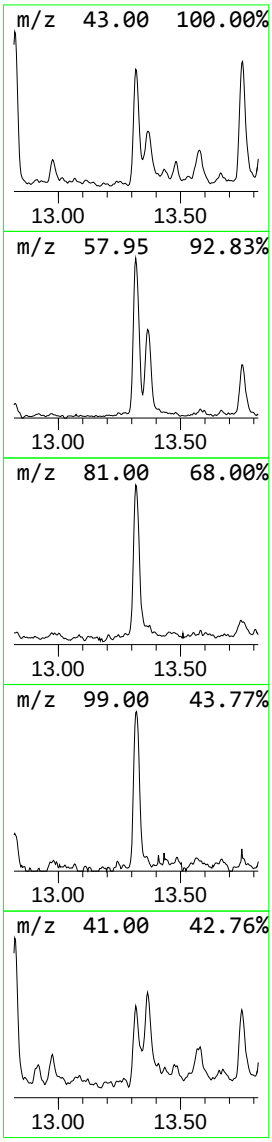
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5-Nonanone, 2,8-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.317	3.31 ug/L	155013	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	95
2	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	94
3	2-Undecanone	170	C11H22O	000112-12-9	53
4	2-Undecanone	170	C11H22O	000112-12-9	52
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

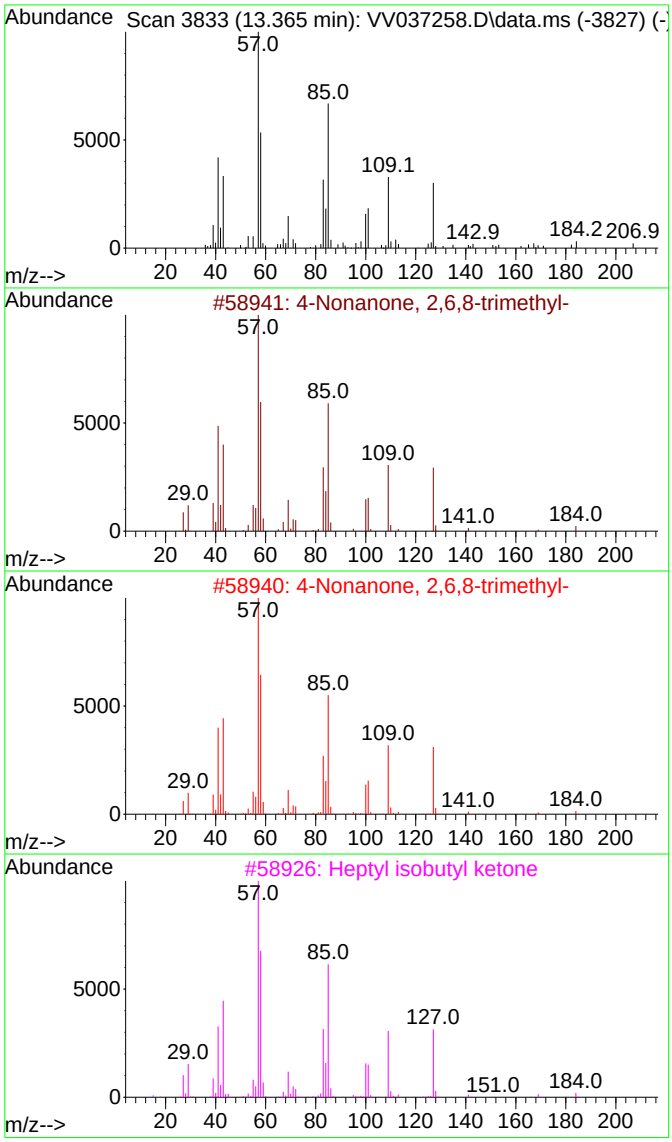
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

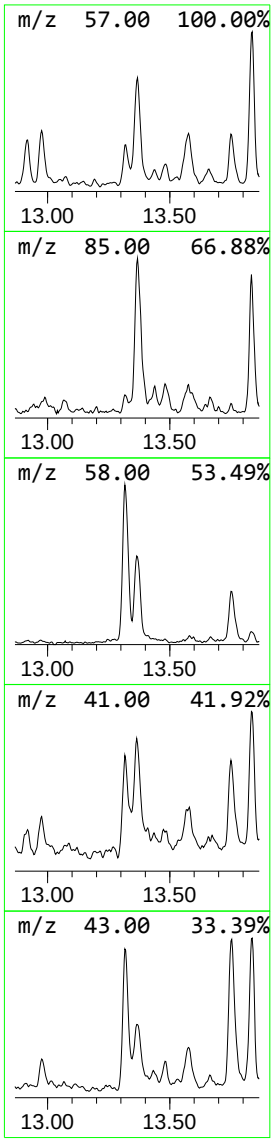
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	2.83 ug/L	132571	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	94
2	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	93
3	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	90
4	5-Dodecanone	184	C12H24O	019780-10-0	49
5	5-Dodecanone	184	C12H24O	019780-10-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

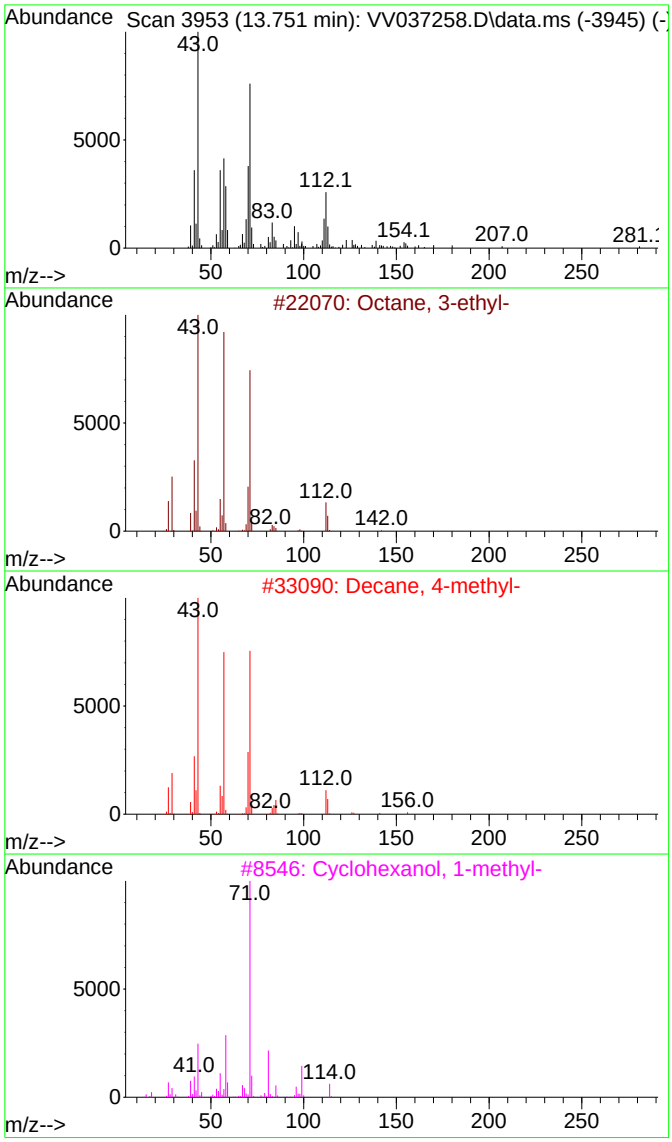
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

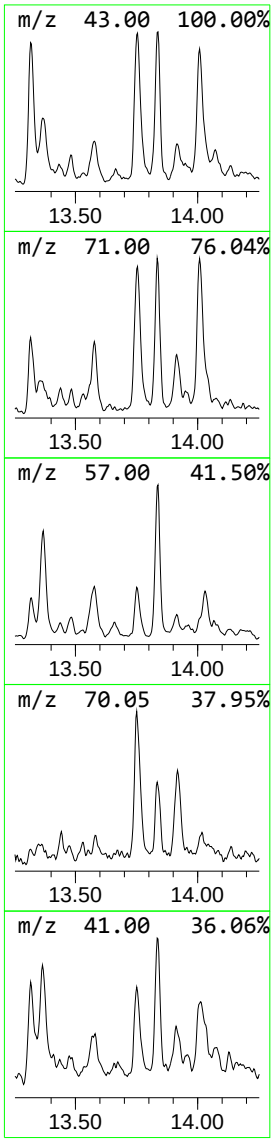
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	3.45 ug/L	161556	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	59
2	Decane, 4-methyl-	156	C11H24	002847-72-5	58
3	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	53
4	4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	50
5	3-Octen-2-ol	128	C8H16O	076649-14-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

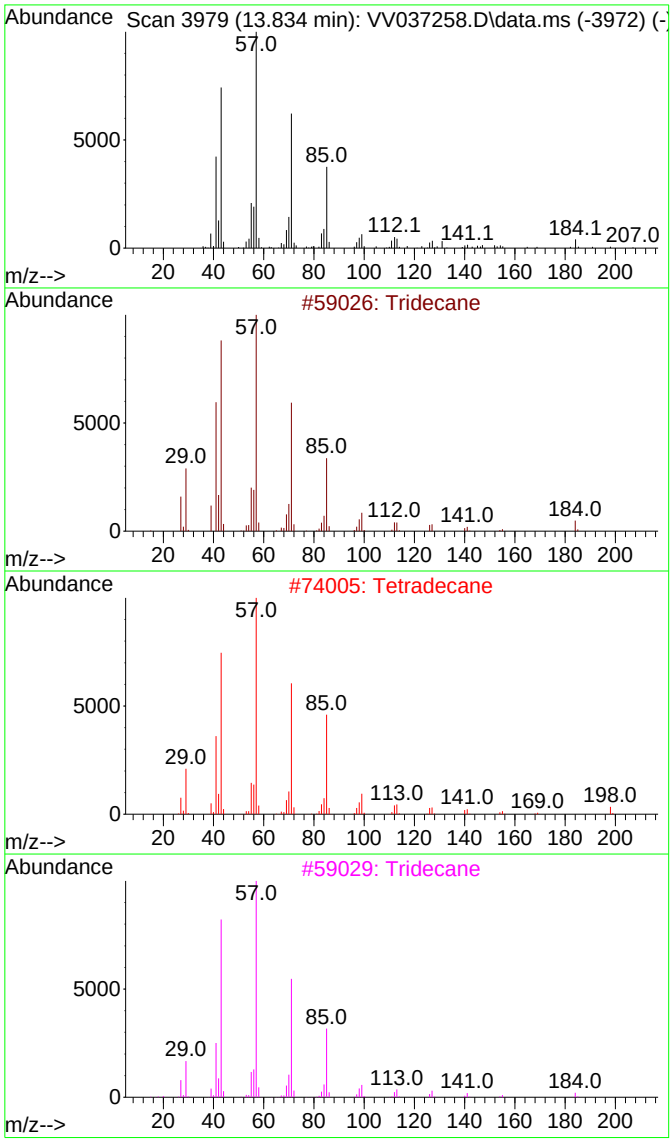
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

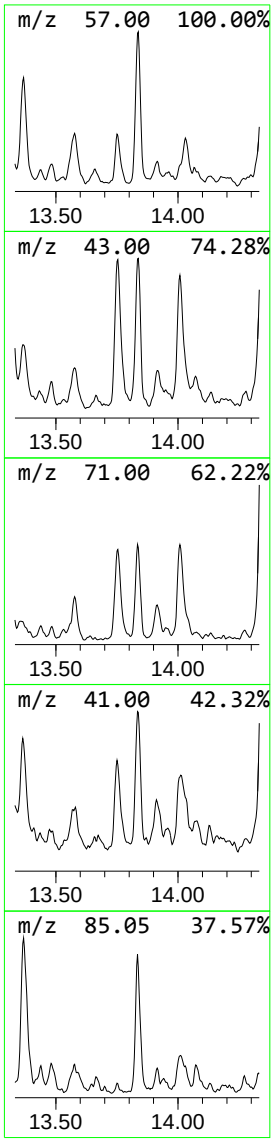
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	2.75 ug/L	129081	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tridecane	184	C13H28	000629-50-5	94
4	Tetradecane	198	C14H30	000629-59-4	93
5	Tridecane	184	C13H28	000629-50-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

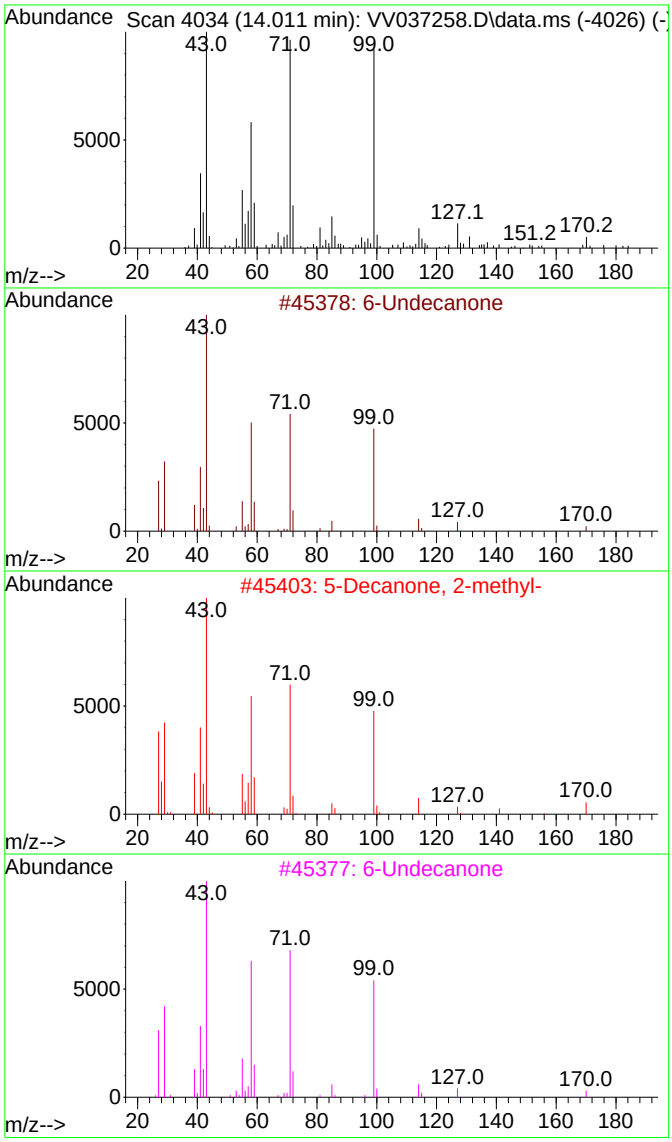
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

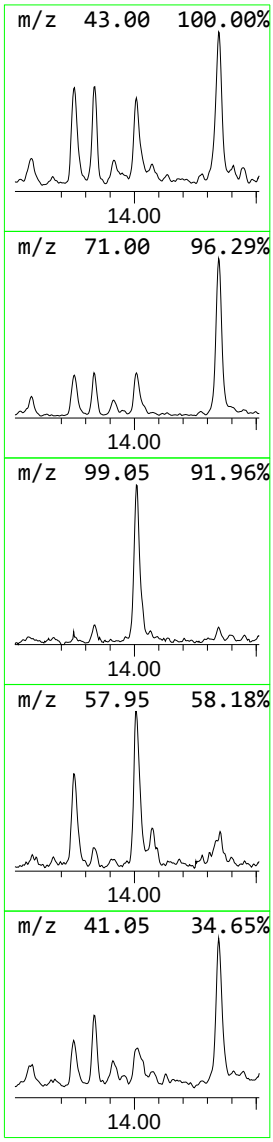
****

Peak Number 11 6-Undecanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	3.50 ug/L	163918	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Undecanone	170	C11H22O	000927-49-1	87
2	5-Decanone, 2-methyl-	170	C11H22O	054410-89-8	87
3	6-Undecanone	170	C11H22O	000927-49-1	74
4	6-Undecanone	170	C11H22O	000927-49-1	68
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

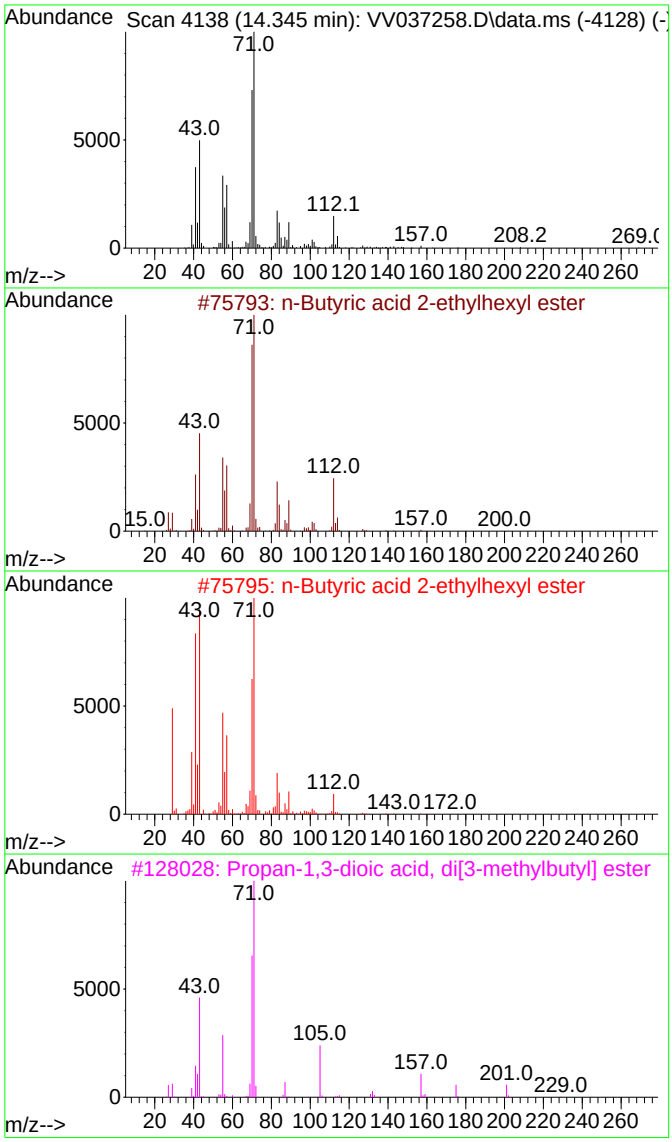
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

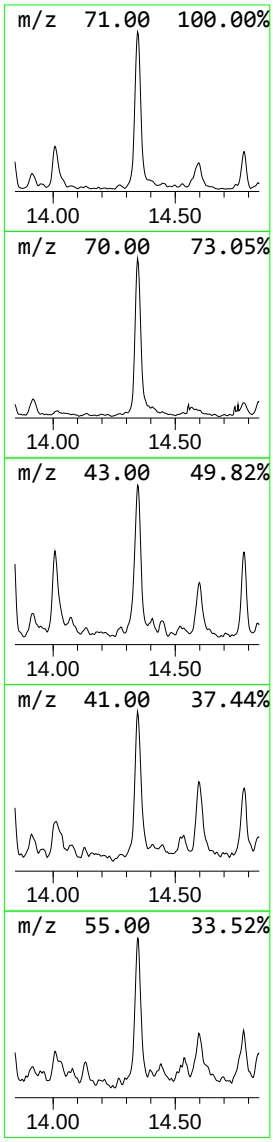
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 n-Butyric acid 2-ethylhexyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	8.06 ug/L	377689	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	91
2	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	86
3	Propan-1,3-dioic acid, di[3-meth...	244	C13H24O4	064617-96-5	53
4	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	50
5	Hexaborane	76	B6H10	023777-80-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

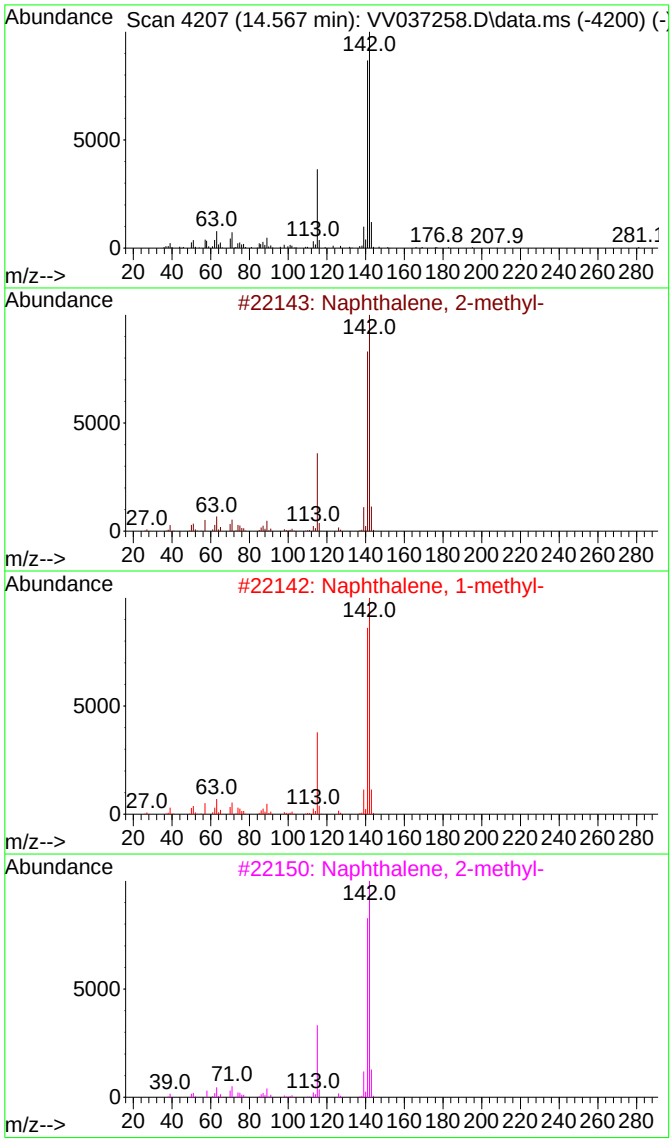
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

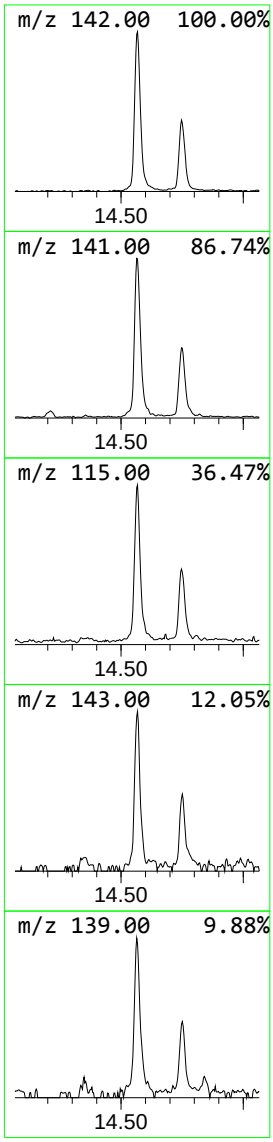
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.567	2.61 ug/L	122585	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

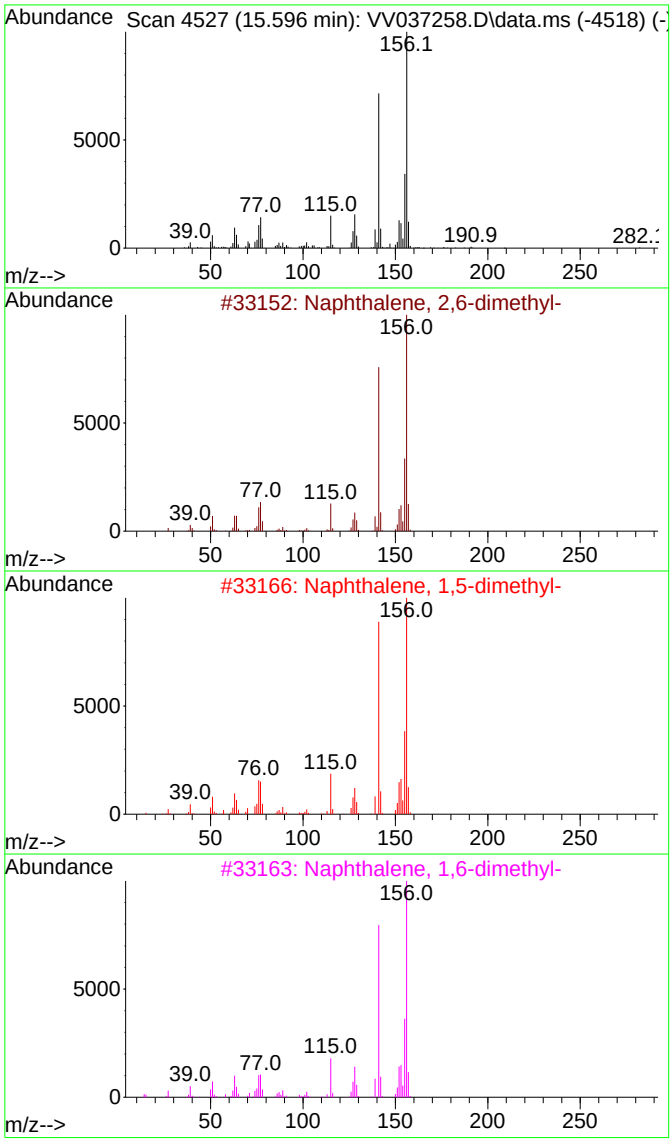
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

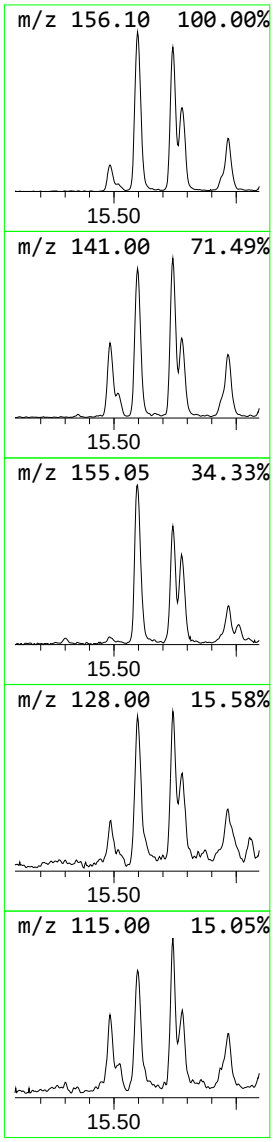
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.596	9.57 ug/L	448778	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

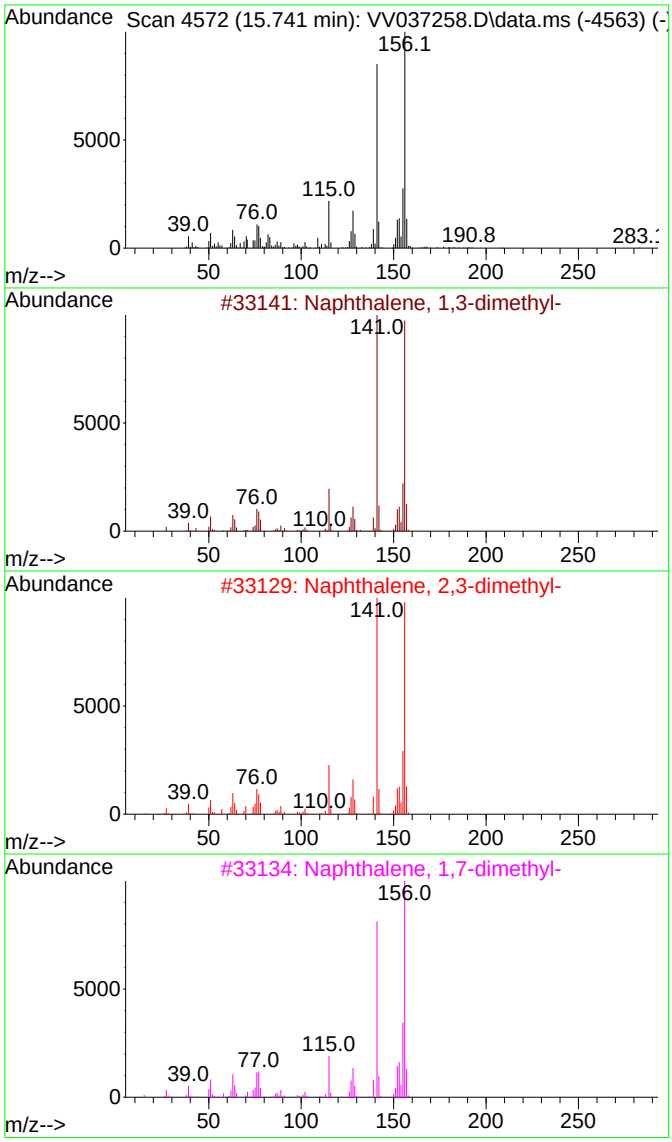
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

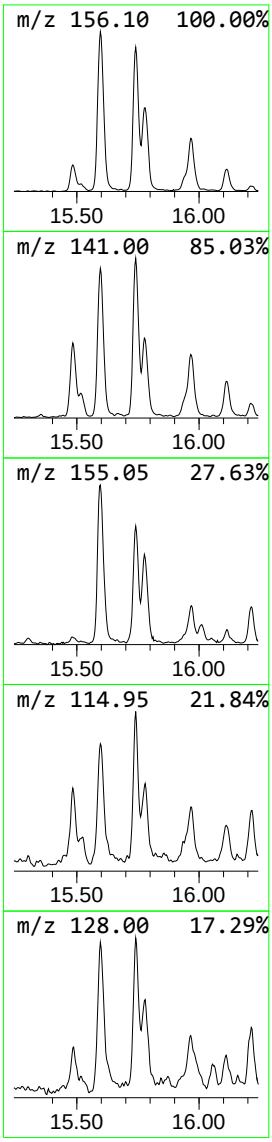
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.741	8.72 ug/L	408840	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

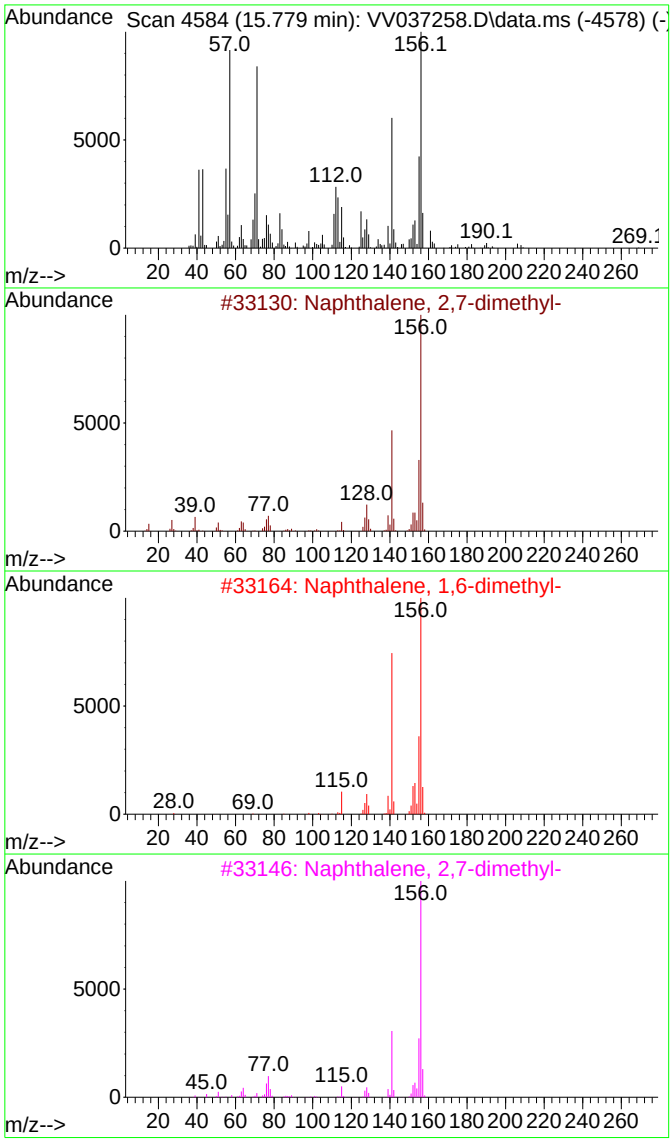
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

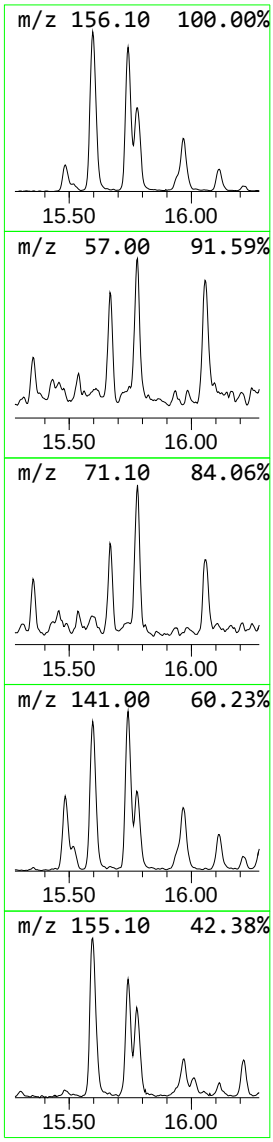
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.779	8.71 ug/L	408510	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

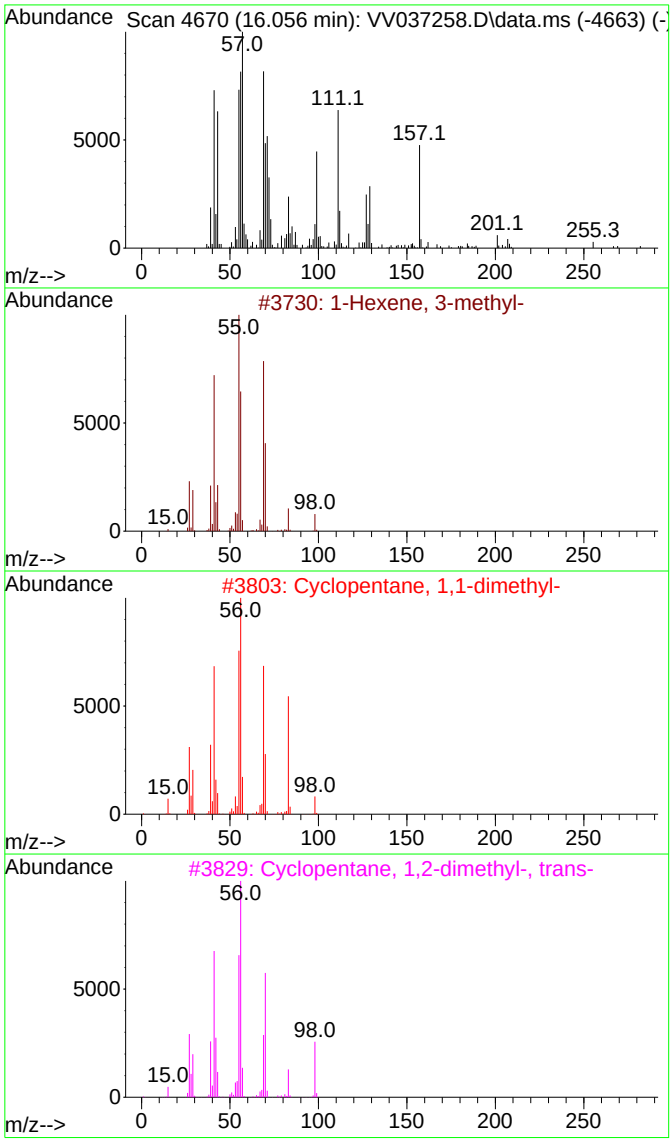
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

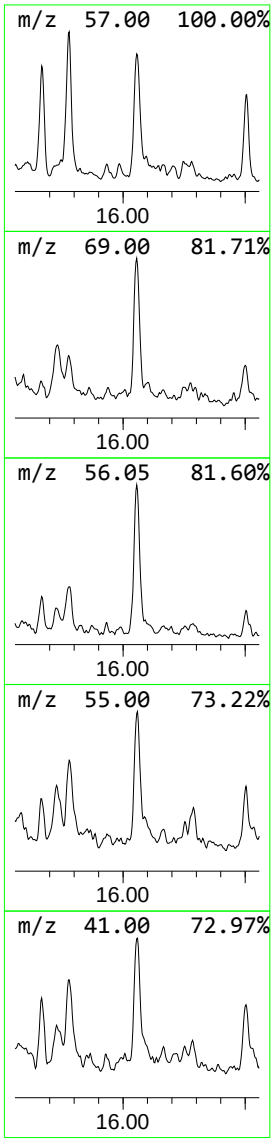
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.056	4.51 ug/L	211622	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	41
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	30
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	18
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	18
5	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

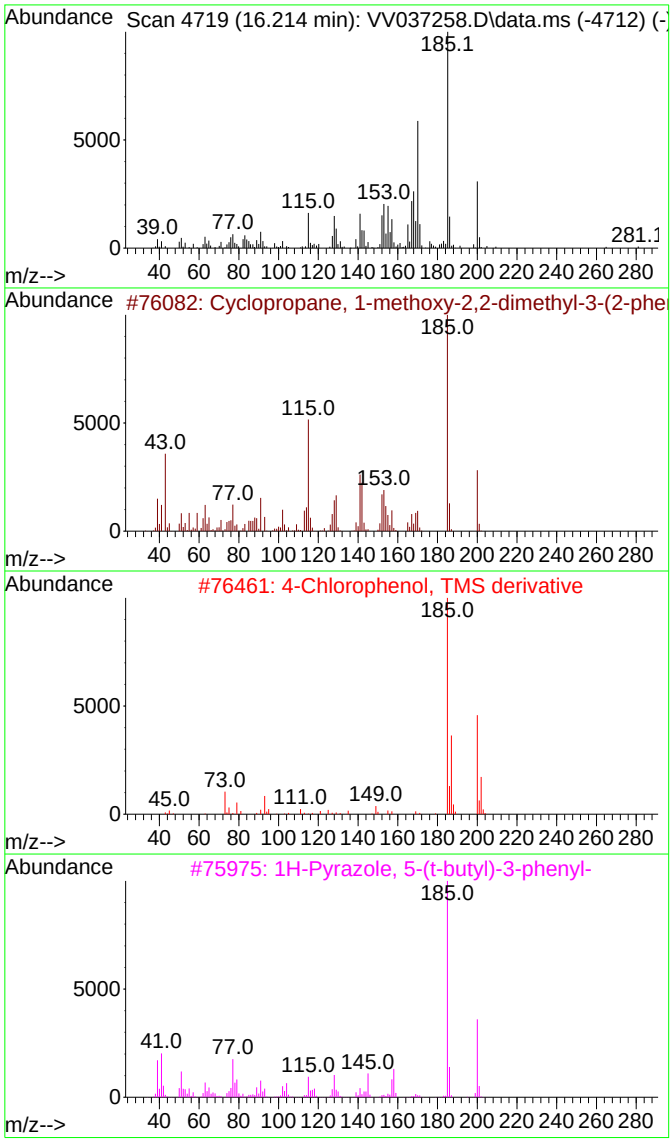
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

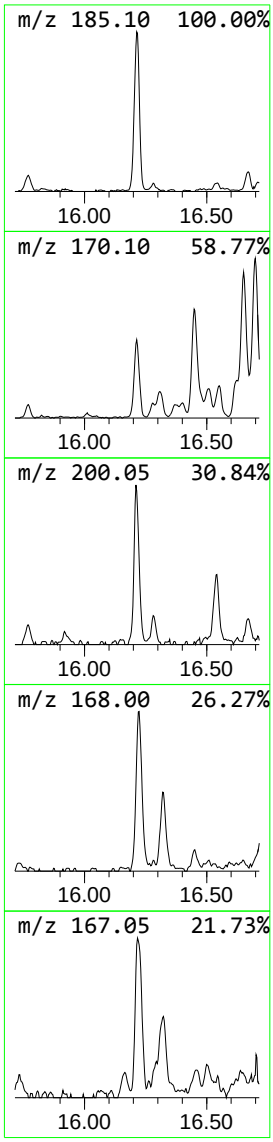
****

Peak Number 18 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	4.03 ug/L	188882	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	46
2	4-Chlorophenol, TMS derivative	200	C9H13ClOSi	017005-59-3	38
3	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	38
4	1,3-Benzodioxole-5,6-dicarbonitr...	200	C11H8N2O2	114414-26-5	38
5	Carbamic acid, (4-chlorophenyl)-...	185	C8H8ClNO2	000940-36-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

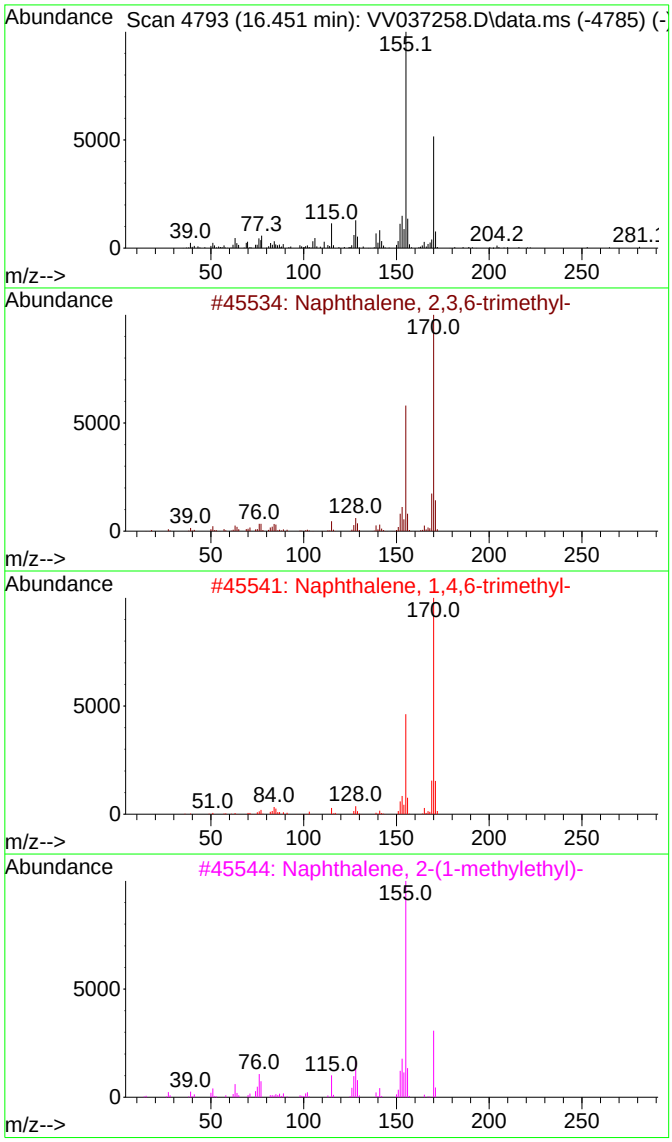
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

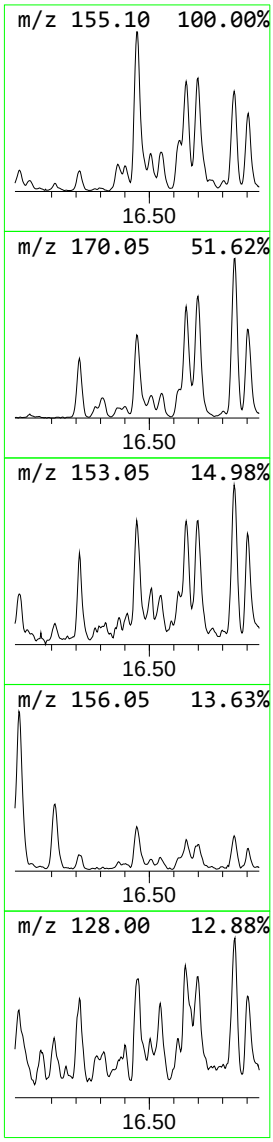
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.451	4.50 ug/L	211162	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

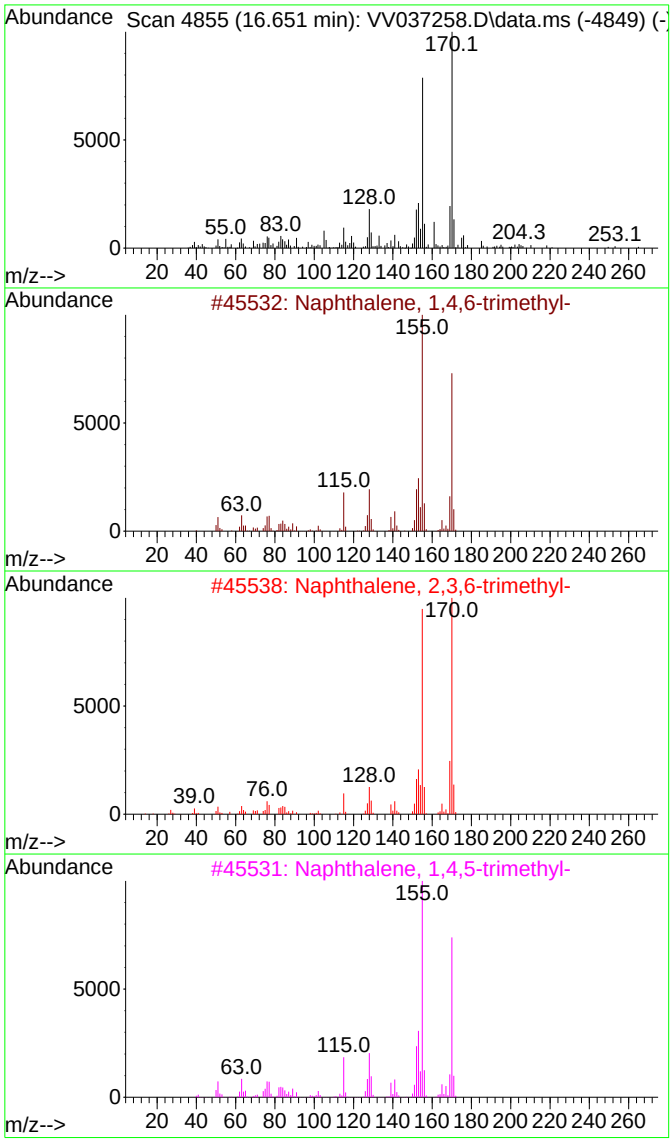
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

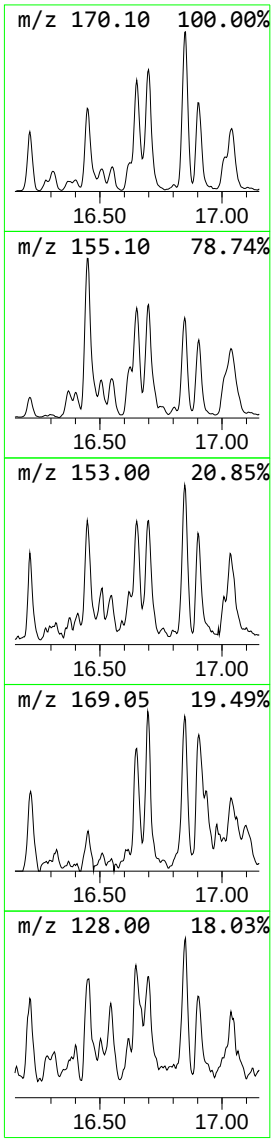
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	3.41 ug/L	159647	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

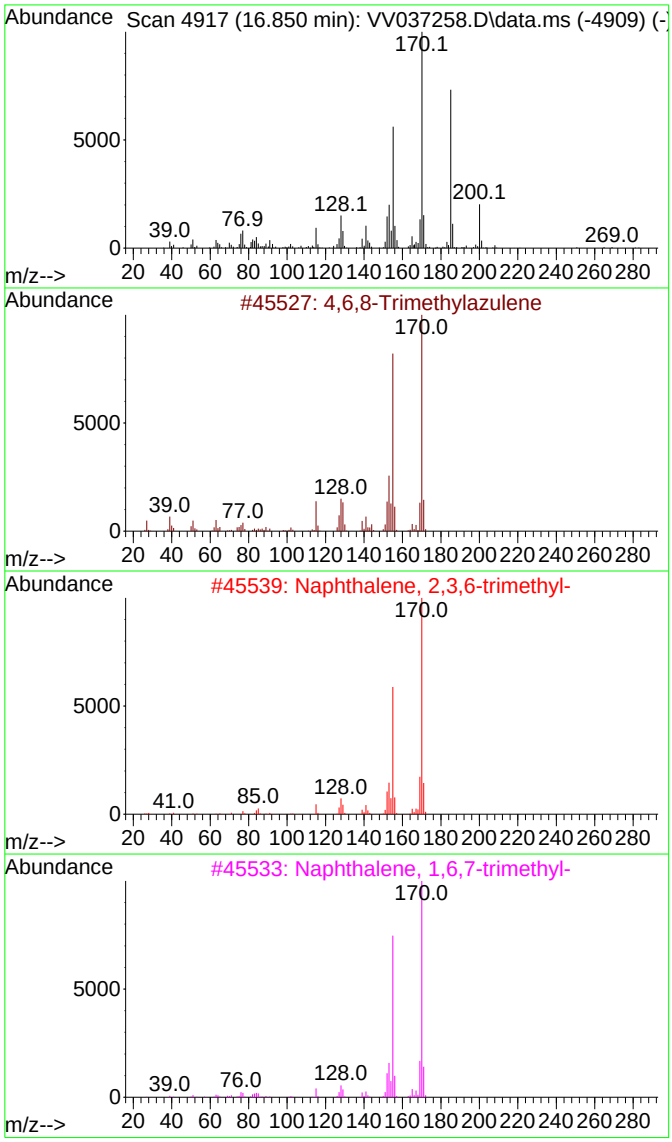
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

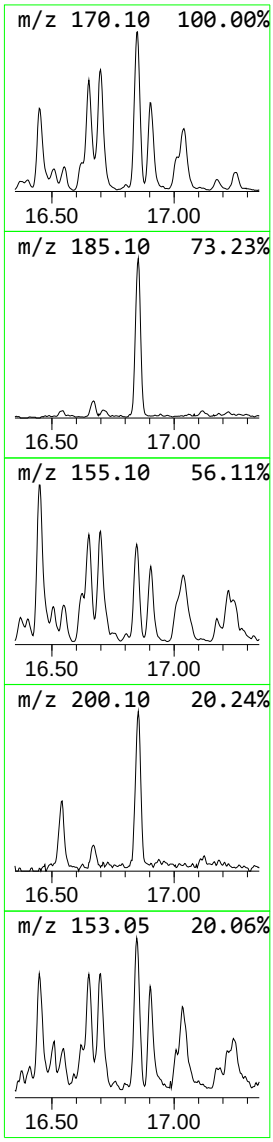
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 4,6,8-Trimethylazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.850	6.08 ug/L	285051	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

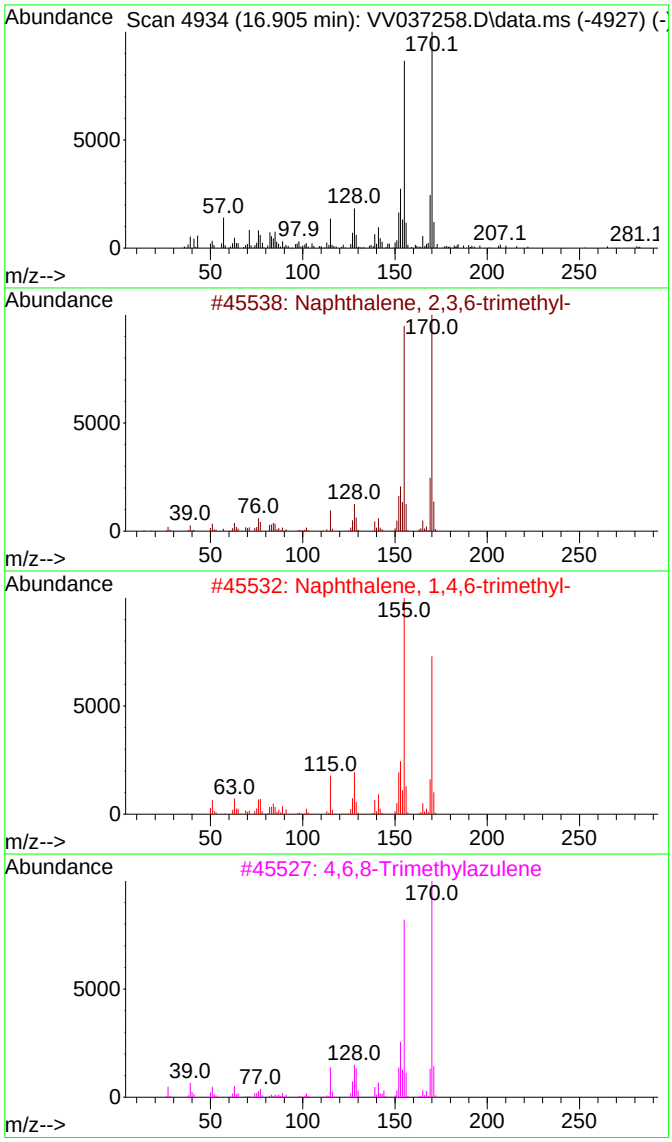
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

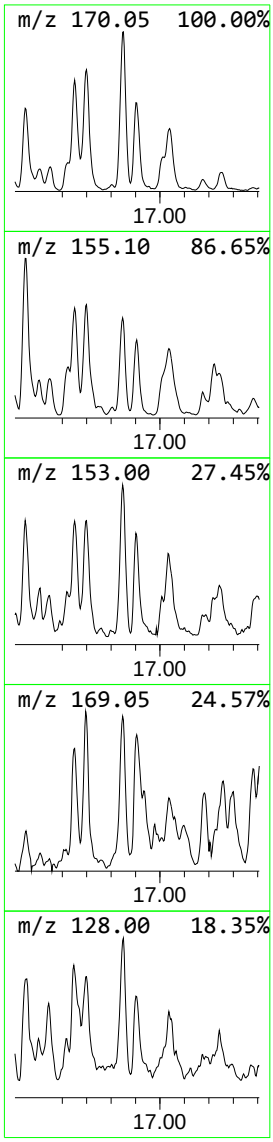
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.905	3.52 ug/L	164914	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037258.D
Acq On : 12 Sep 2024 11:01
Operator : SY/MD
Sample : VIBLK378
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK378

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanal	3.606	5.8	ug/L	213887	1	5.526	1851270	50.0
(DEL) Alkane: S...	10.513	5.7	ug/L	264722	3	11.178	2343920	50.0
1-Hexanol, 2-et...	11.471	6.3	ug/L	295111	3	11.178	2343920	50.0
(DEL) Alkane: S...	11.725	7.7	ug/L	362586	3	11.178	2343920	50.0
(DEL) Alkane: S...	12.821	4.4	ug/L	204669	3	11.178	2343920	50.0
5-Nonanone, 2,8...	13.317	3.3	ug/L	155013	3	11.178	2343920	50.0
4-Nonanone, 2,6...	13.365	2.8	ug/L	132571	3	11.178	2343920	50.0
(DEL) Alkane: S...	13.751	3.5	ug/L	161556	3	11.178	2343920	50.0
(DEL) Alkane: S...	13.834	2.8	ug/L	129081	3	11.178	2343920	50.0
6-Undecanone	14.011	3.5	ug/L	163918	3	11.178	2343920	50.0
n-Butyric acid ...	14.345	8.1	ug/L	377689	3	11.178	2343920	50.0
Naphthalene, 2-...	14.567	2.6	ug/L	122585	3	11.178	2343920	50.0
Naphthalene, 2,...	15.596	9.6	ug/L	448778	3	11.178	2343920	50.0
Naphthalene, 1,...	15.741	8.7	ug/L	408840	3	11.178	2343920	50.0
Naphthalene, 2,...	15.779	8.7	ug/L	408510	3	11.178	2343920	50.0
(DEL) Alkane: S...	16.056	4.5	ug/L	211622	3	11.178	2343920	50.0
unknown-01	16.214	4.0	ug/L	188882	3	11.178	2343920	50.0
Naphthalene, 2,...	16.451	4.5	ug/L	211162	3	11.178	2343920	50.0
Naphthalene, 1,...	16.651	3.4	ug/L	159647	3	11.178	2343920	50.0
4,6,8-Trimethyl...	16.850	6.1	ug/L	285051	3	11.178	2343920	50.0
Naphthalene, 1,...	16.905	3.5	ug/L	164914	3	11.178	2343920	50.0