LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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: VV037029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	24	rVB	26793	28946	0.08%	0.037%
2	1.278	66	74	89	rVV	374959	410913	1.18%	0.522%
3	1.349	89	96	109	rVV	108116	123607	0.36%	0.157%
4	1.529	145	152	173	rVB	301750	376481	1.08%	0.478%
5	2.056	304	316	326	rBV	670841	1005817	2.89%	1.277%
6	2.111	326	333	357	rVB	205565	330281	0.95%	0.419%
7	2.371	407	414	426	rBV2	10424	19048	0.05%	0.024%
8	2.442	427	436	449	rVB	46608	77643	0.22%	0.099%
9	2.883	561	573	586	rBV3	27221	59111	0.17%	0.075%
10	3.082	625	635	665	rVB	143729	333657	0.96%	0.423%
11	3.613	790	800	825	rBV3	81495	212801	0.61%	0.270%
12	3.796	845	857	877	rBV	166141	422494	1.22%	0.536%
13	4.243	977	996	1026	rBV	428454	1071441	3.08%	1.360%
14	4.950	1197	1216	1244	rBV2	1077181	2710045	7.80%	3.439%
15	5.201	1283	1294	1326	rBV2	167344	389008	1.12%	0.494%
16	5.529	1385	1396	1429	rBV	728857	1493025	4.30%	1.895%
17	5.709	1443	1452	1453	rBV6	12321	16101	0.05%	0.020%
18	5.902	1505	1512	1518	rBV3	18415	34448	0.10%	0.044%
19	5.985	1526	1538	1564	rVB	602837	1237186	3.56%	1.570%
20	6.265	1618	1625	1653	rVB	82614	214325	0.62%	0.272%
21	6.387	1653	1663	1705	rVB	1699535	3051210	8.78%	3.872%
22	6.908	1815	1825	1844	rVV2	336020	615971	1.77%	0.782%
23	7.117	1879	1890	1902	rBV	354880	602392	1.73%	0.765%
24	7.239	1917	1928	1965	rVB	1239682	2192890	6.31%	2.783%
25	7.548	2013	2024	2050	rBV2	585004	1037137	2.98%	1.316%
26	7.857	2109	2120	2139	rBV	294897	499165	1.44%	0.634%
27	7.972	2141	2156	2161	rBV5	62533	140540	0.40%	0.178%
28	8.021	2161	2171	2192	rVV3	661987	1213195	3.49%	1.540%
29	8.124	2194	2203	2217	rVB	583167	896094	2.58%	1.137%
30	8.236	2230	2238	2269	rVB	330854	563991	1.62%	0.716%
31	8.616	2345	2356	2376	rBV	874376	1354117	3.90%	1.719%
32	8.779	2393	2407	2428	rBV	1189438	1978362	5.69%	2.511%
33	9.053	2484	2492	2505	rVB5	10057	22081	0.06%	0.028%
34	9.323	2565	2576	2598	rBV	49221	91335	0.26%	0.116%
35	9.484	2618	2626	2634	rBV	57319	87699	0.25%	0.111%
36	9.535	2634	2642	2663	rVB	162381	262960	0.76%	0.334%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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	9.651	2664	2678	2691	rBV4	33275	90939	0.26%	0.115%
38	10.085	2803	2813	2820	rBV3	11717	20970	0.06%	0.027%
39	10.149	2821	2833	2849	rVV	813318	1278309	3.68%	1.622%
40	10.268	2862	2870	2886	rBV5	34571	105850	0.30%	0.134%
41	10.442	2915	2924	2941	rBV	155535	261705	0.75%	0.332%
42	10.535	2944	2953	2971	rVB7	34671	81275	0.23%	0.103%
43	10.635	2973	2984	2993	rBV3	141112	262803	0.76%	0.334%
44	10.683	2994	2999	3015	rVB5	56891	103800	0.30%	0.132%
45	10.792	3025	3033	3044	rBV4	18575	32364	0.09%	0.041%
46	10.972	3076	3089	3095	rBV4	151268	316817	0.91%	0.402%
47	11.014	3095	3102	3122	rVB	469622	812343	2.34%	1.031%
48	11.114	3127	3133	3139	rVV3	64825	104857	0.30%	0.133%
49	11.178	3139	3153	3176	rVB2	1294012	2378346	6.84%	3.019%
50	11.381	3211	3216	3224	rVB2	22638	31353	0.09%	0.040%
51	11.467	3230	3243	3262	rBV	23322237	34750488	100.00%	44.104%
52	11.554	3262	3270	3307	rVB	1375214	2601821	7.49%	3.302%
53	11.853	3352	3363	3376	rBV	554729	969329	2.79%	1.230%
54	12.168	3452	3461	3464	rBV4	20779	36155	0.10%	0.046%
55	12.204	3465	3472	3492	rVB7	71983	184159	0.53%	0.234%
56	12.400	3526	3533	3554	rVB3	41435	86332	0.25%	0.110%
57	12.619	3593	3601	3605	rBV7	19410	28767	0.08%	0.037%
58	12.673	3611	3618	3630	rVB4	61412	116588	0.34%	0.148%
59	12.818	3655	3663	3678	rVB4	79414	134931	0.39%	0.171%
60	12.982	3707	3714	3715	rBV5	18413	19069	0.05%	0.024%
61	13.004	3718	3721	3728	rVB2	23452	30792	0.09%	0.039%
62	13.146	3760	3765	3774	rVB4	29355	40861	0.12%	0.052%
63	13.207	3776	3784	3797	rBV8	54536	105274	0.30%	0.134%
64	13.278	3798	3806	3809	rBV5	36822	56227	0.16%	0.071%
65	13.361	3823	3832	3839	rBV4	56475	122792	0.35%	0.156%
66	13.535	3878	3886	3898	rBV6	95593	212359	0.61%	0.270%
67	13.686	3925	3933	3941	rBV4	75132	143529	0.41%	0.182%
68	13.747	3941	3952	3975	rVV3	1141619	2316804	6.67%	2.940%
69	13.959	4009	4018	4028	rBV	235019	360215	1.04%	0.457%
70	14.020	4028	4037	4050	rBV3	78154	162140	0.47%	0.206%
71	14.133	4063	4072	4089	rBV2	236952	427706	1.23%	0.543%
72	14.223	4091	4100	4110	rVB8	51024	105752	0.30%	0.134%
73	14.278	4111	4117	4124	rVB3	25015	32271	0.09%	0.041%
74	14.364	4138	4144	4157	rVB8	47999	93257	0.27%	0.118%
75	14.509	4173	4189	4196	rBV3	69775	165416	0.48%	0.210%
76	14.567	4200	4207	4216	rVB	122007	186040	0.54%	0.236%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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	14.696	4236	4247	4254	rBV8	87237	189698	0.55%	0.241%
78	14.750	4255	4264	4277	rVB3	431947	726699	2.09%	0.922%
79	15.130	4375	4382	4397	rVB2	66615	116260	0.33%	0.148%
80	15.294	4421	4433	4441	rBV4	54468	124444	0.36%	0.158%
81	15.348	4443	4450	4470	rVB5	71692	135199	0.39%	0.172%
82	15.454	4476	4483	4487	rBV2	36568	52411	0.15%	0.067%
83	15.519	4499	4503	4516	rVB2	67497	96704	0.28%	0.123%
84	15.599	4518	4528	4554	rVB4	247677	581104	1.67%	0.738%
85	15.702	4556	4560	4563	rVV4	15893	17390	0.05%	0.022%
86	15.744	4563	4573	4579	rVV	498767	775177	2.23%	0.984%
87	15.779	4580	4584	4601	rVB2	254016	379666	1.09%	0.482%
88	15.863	4601	4610	4622	rBV3	29975	63571	0.18%	0.081%
89	15.940	4626	4634	4638	rBV4	83135	124384	0.36%	0.158%
90	15.969	4639	4643	4661	rVB	117152	184642	0.53%	0.234%
91	16.114	4680	4688	4697	rBV	79896	127459	0.37%	0.162%
92	16.223	4717	4722	4729	rVB5	14724	20339	0.06%	0.026%
93	16.406	4765	4779	4786	rBV8	30293	74311	0.21%	0.094%
94	16.451	4787	4793	4799	rBV	33742	47269	0.14%	0.060%
95	16.554	4819	4825	4833	rVB3	27672	36792	0.11%	0.047%
96	16.654	4851	4856	4864	rVB3	54937	74527	0.21%	0.095%
97	16.699	4864	4870	4893	rVB2	56682	118465	0.34%	0.150%
98	16.847	4910	4916	4928	rVB2	62681	89611	0.26%	0.114%
99	16.908	4930	4935	4947	rVB2	26437	41454	0.12%	0.053%
100	17.393	5082	5086	5099	rVB5	31457	48111	0.14%	0.061%

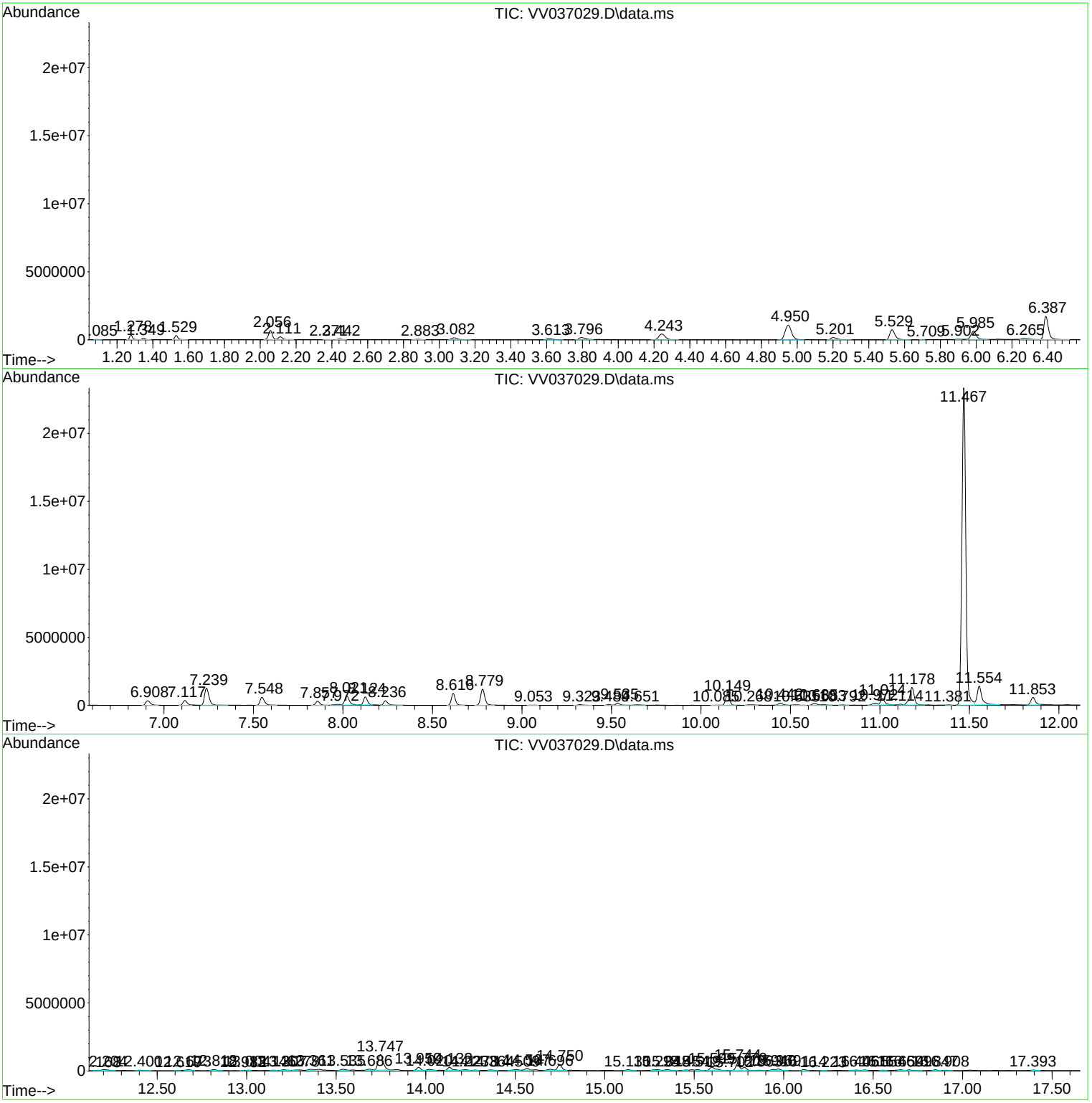
Sum of corrected areas: 78792009

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

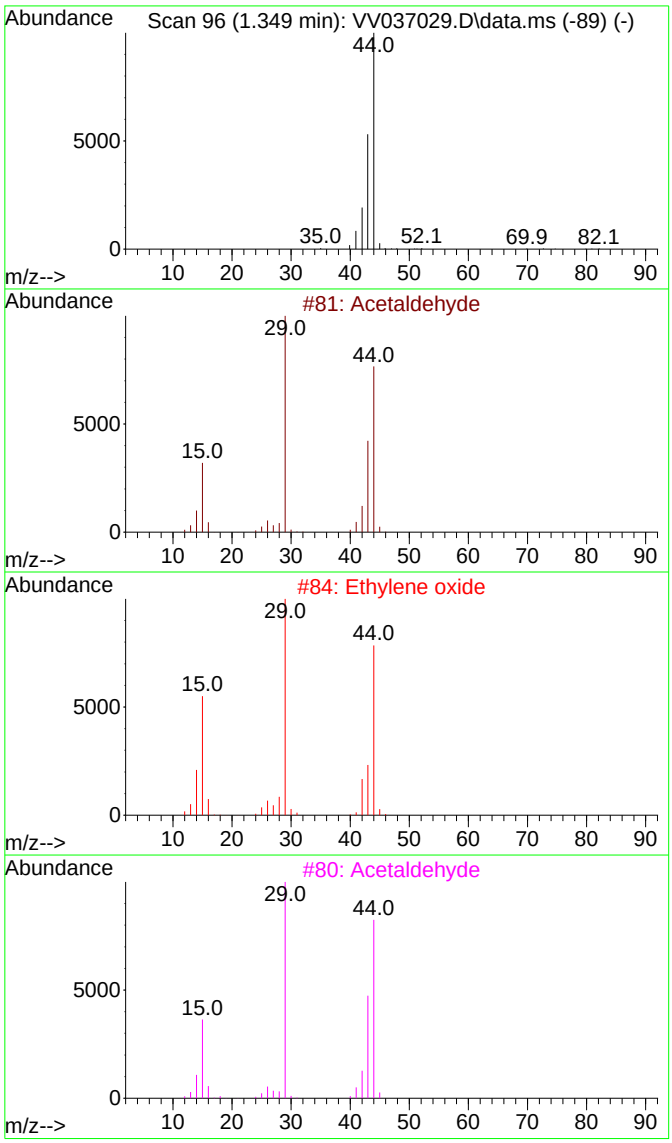
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

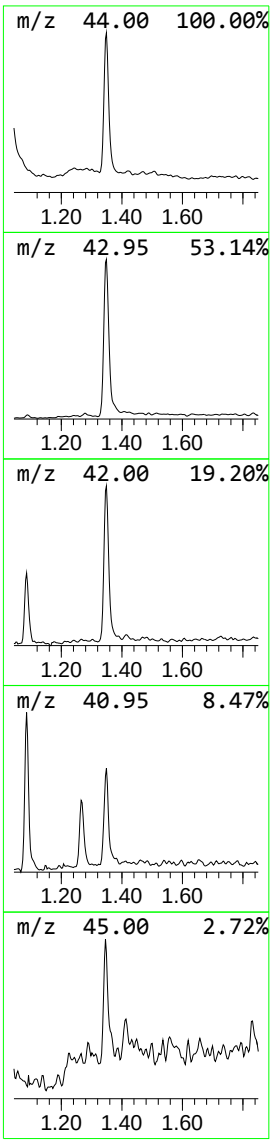
****

Peak Number 1 Acetaldehyde Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.349	4.14 ug/L	123607	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Ethylene oxide	44	C2H4O	000075-21-8	9
3	Acetaldehyde	44	C2H4O	000075-07-0	9
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

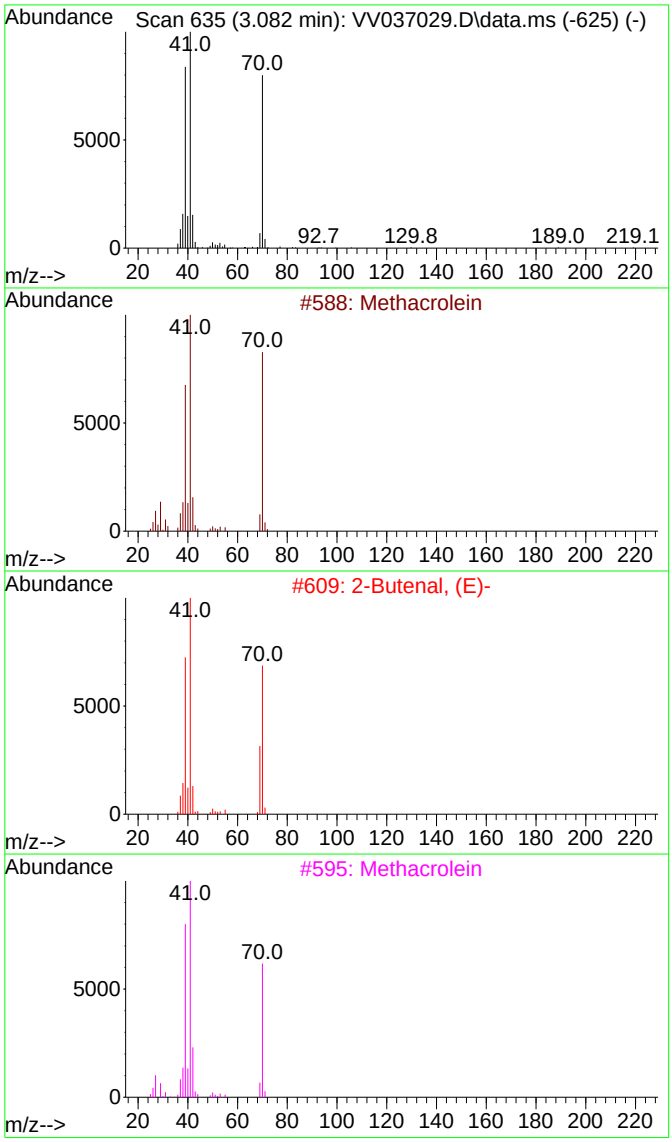
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

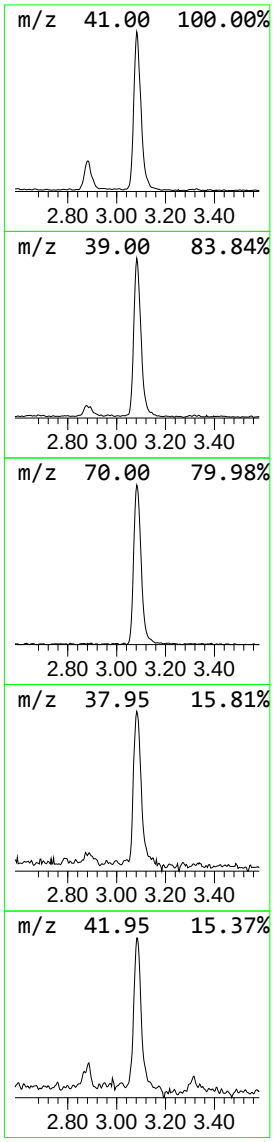
****

Peak Number 4 Methacrolein Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.082	11.17 ug/L	333657	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrolein	70	C4H6O	000078-85-3	91
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	91
3	Methacrolein	70	C4H6O	000078-85-3	91
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	90
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

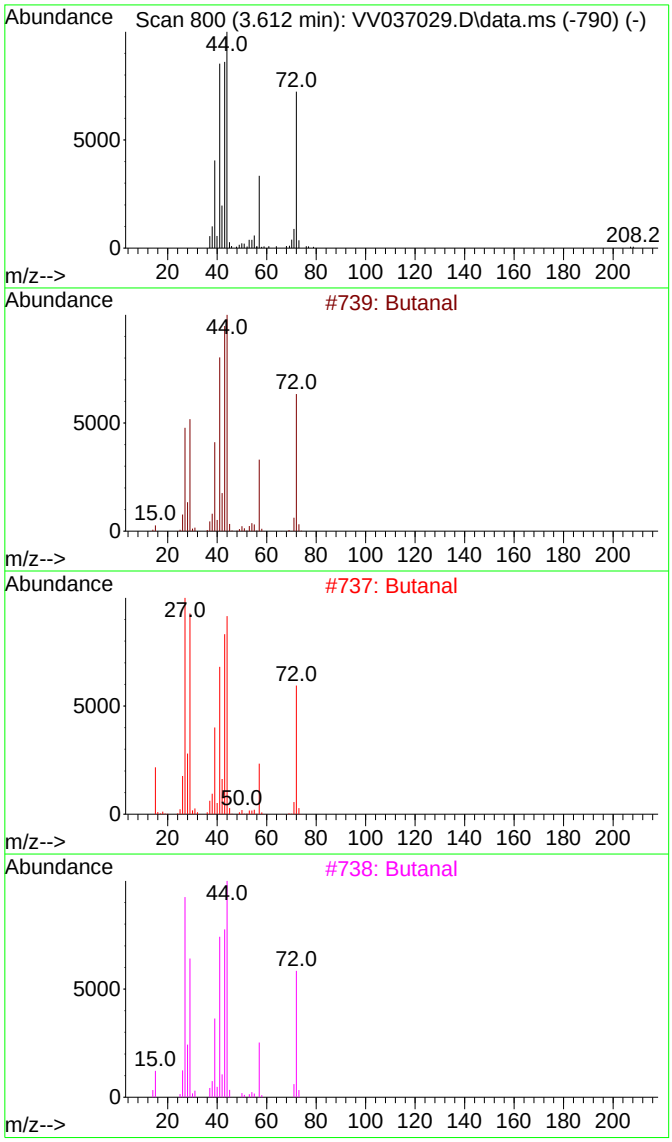
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

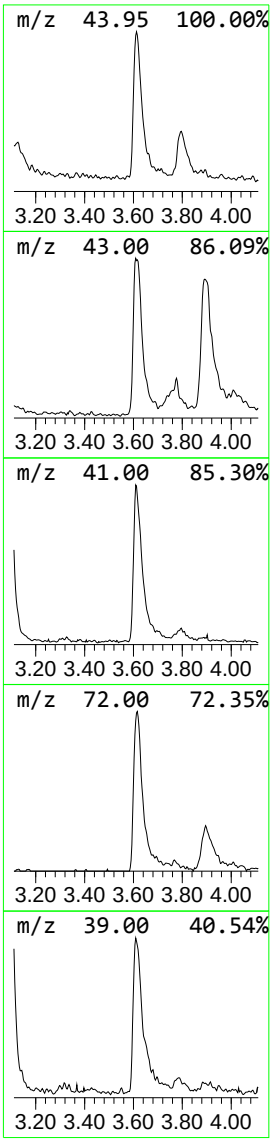
****

Peak Number 5 Butanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.612	7.13 ug/L	212801	1,4-Difluorobenzene	5.529

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	68
4	Butanal	72	C4H8O	000123-72-8	58
5	Butanal	72	C4H8O	000123-72-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

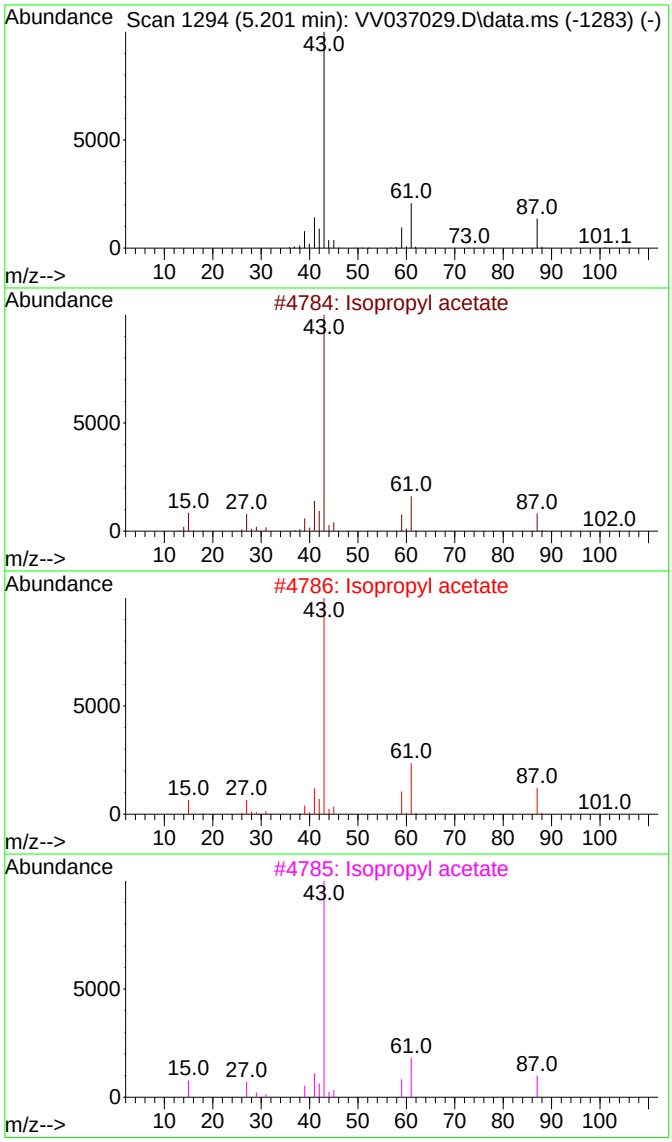
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

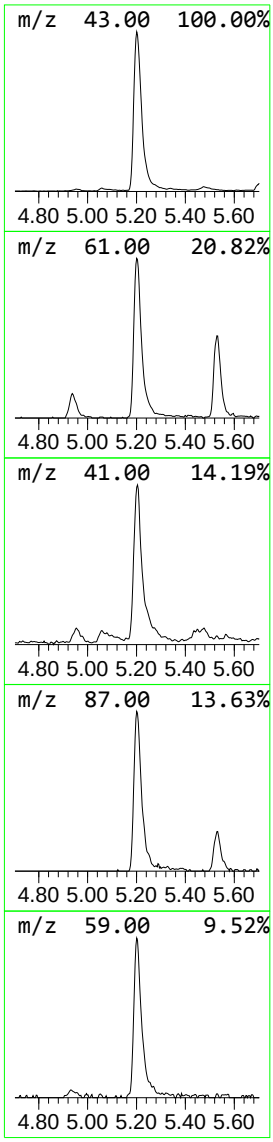
****

Peak Number 6 Isopropyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.201	13.03 ug/L	389008	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

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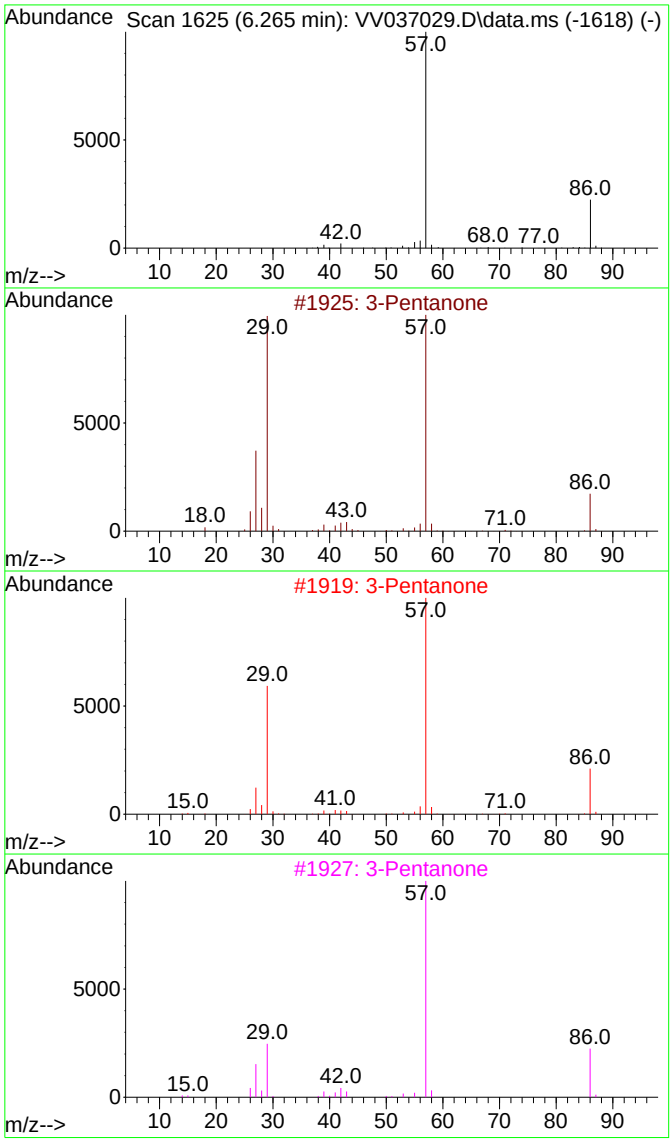
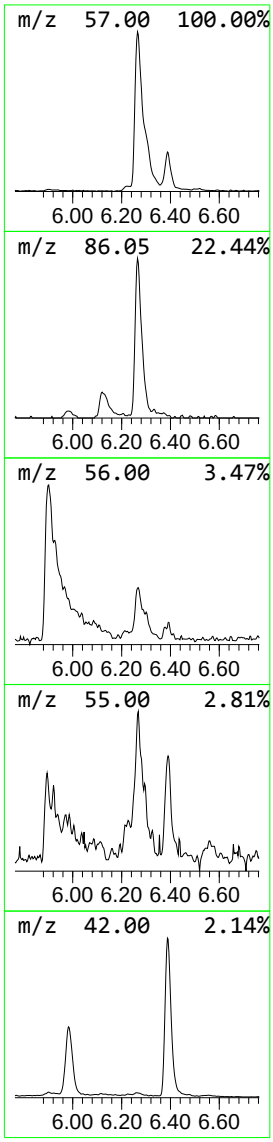
Peak Number 7 3-Pentanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.265	7.18 ug/L	214325	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	80
2	3-Pentanone	86	C5H10O	000096-22-0	50
3	3-Pentanone	86	C5H10O	000096-22-0	9
4	3-Pentanone	86	C5H10O	000096-22-0	7
5	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	5





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Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

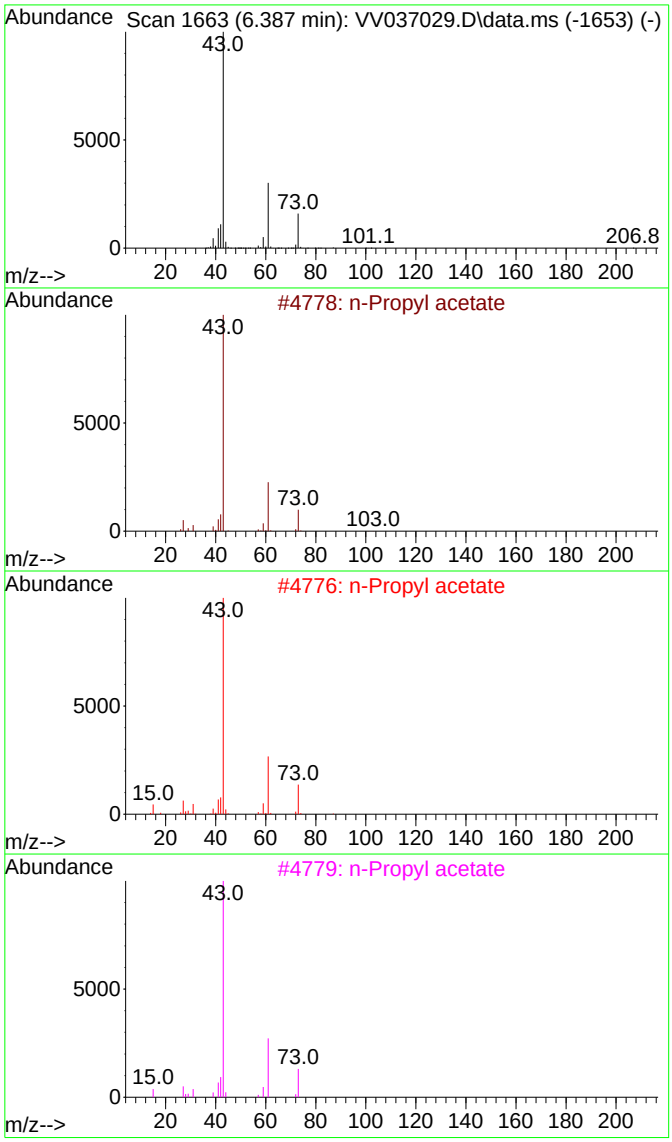
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

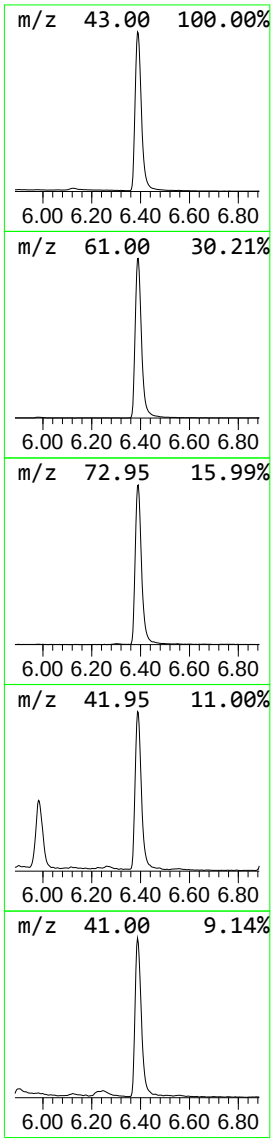
****

Peak Number 8 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	102.18 ug/L	3051210	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	n-Propyl acetate	102	C5H10O2	000109-60-4	64
5	n-Propyl acetate	102	C5H10O2	000109-60-4	64





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

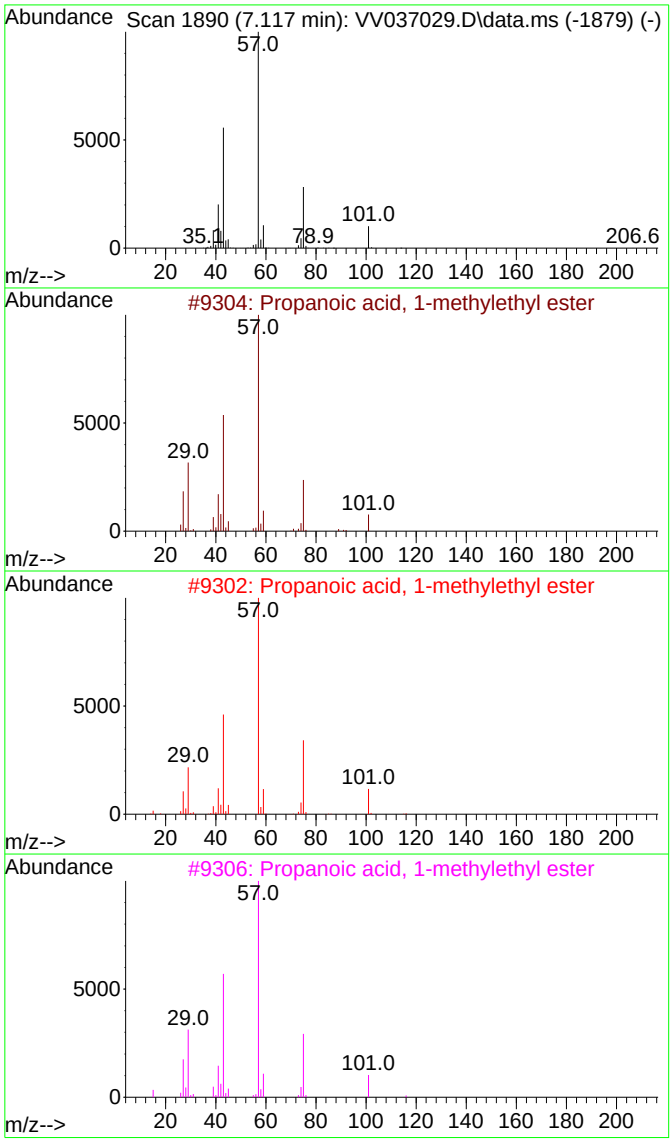
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

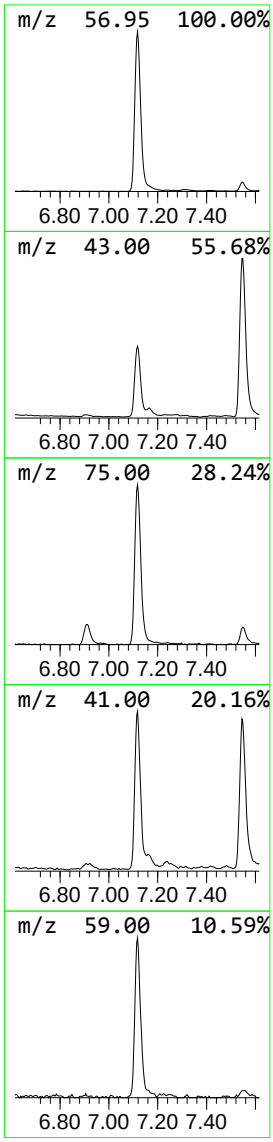
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propanoic acid, 1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.117	20.17 ug/L	602392	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	86
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

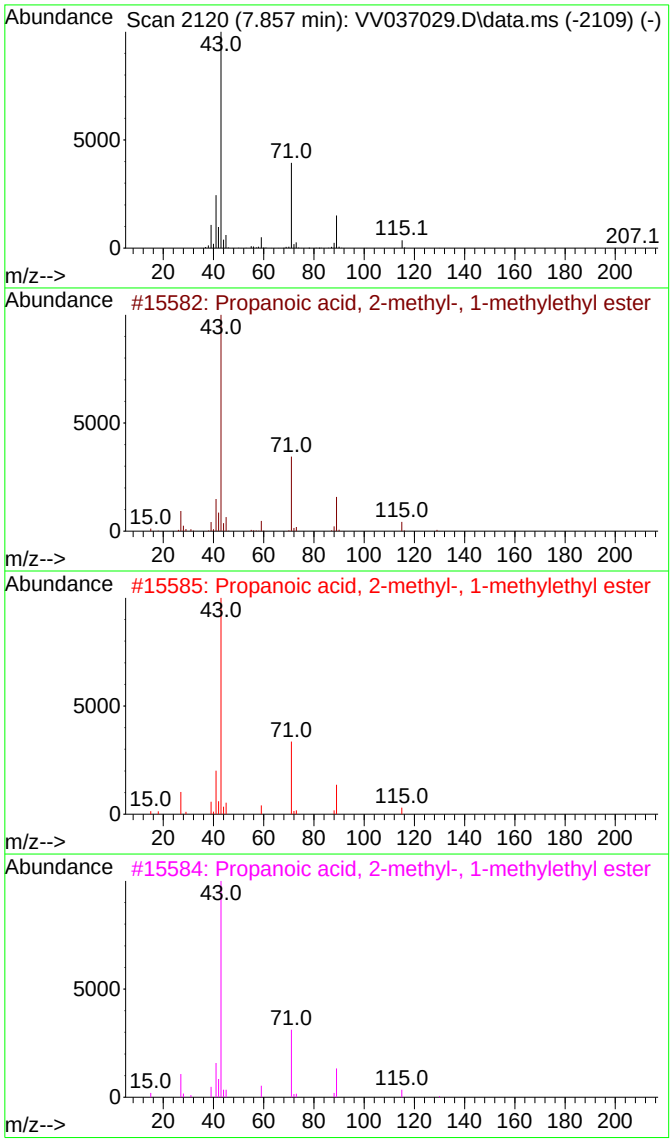
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

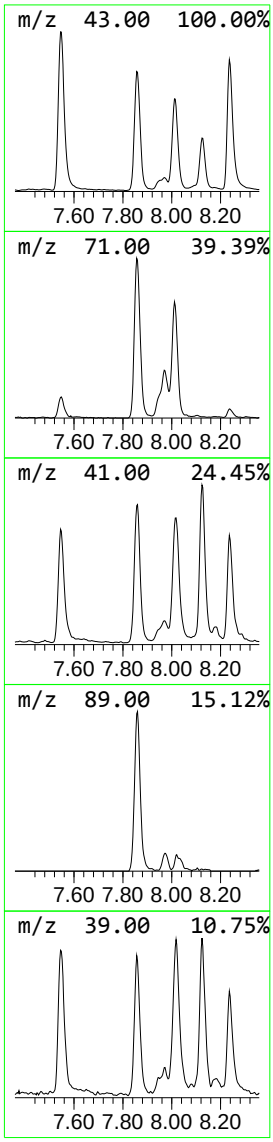
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	12.62 ug/L	499165	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	78





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

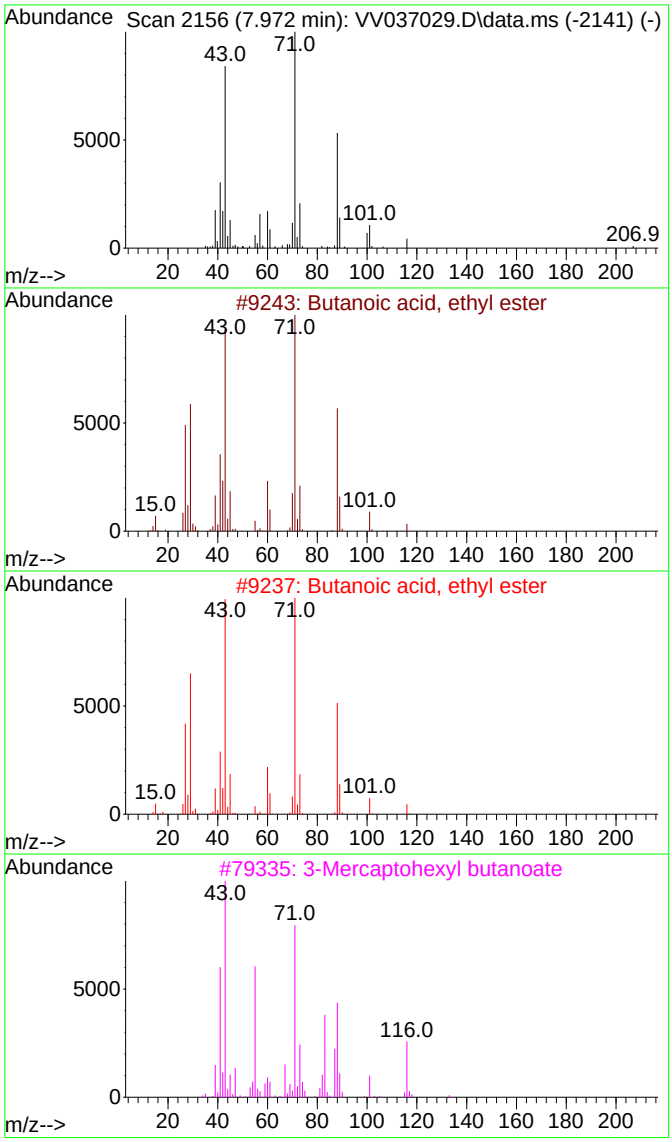
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

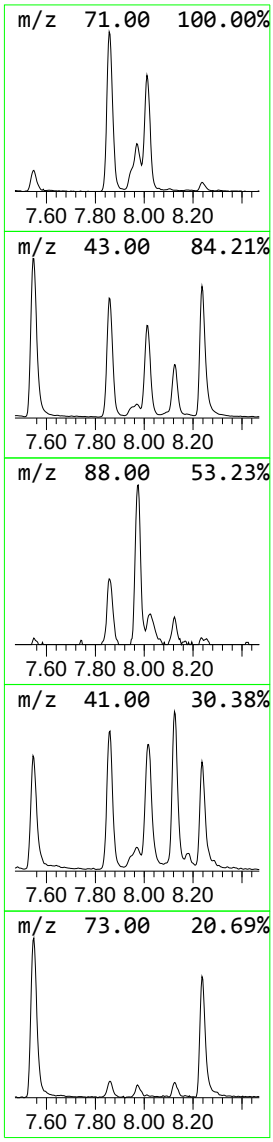
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Butanoic acid, ethyl ester Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.972	3.55 ug/L	140540	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	94
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	94
3	3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	64
4	Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	53
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

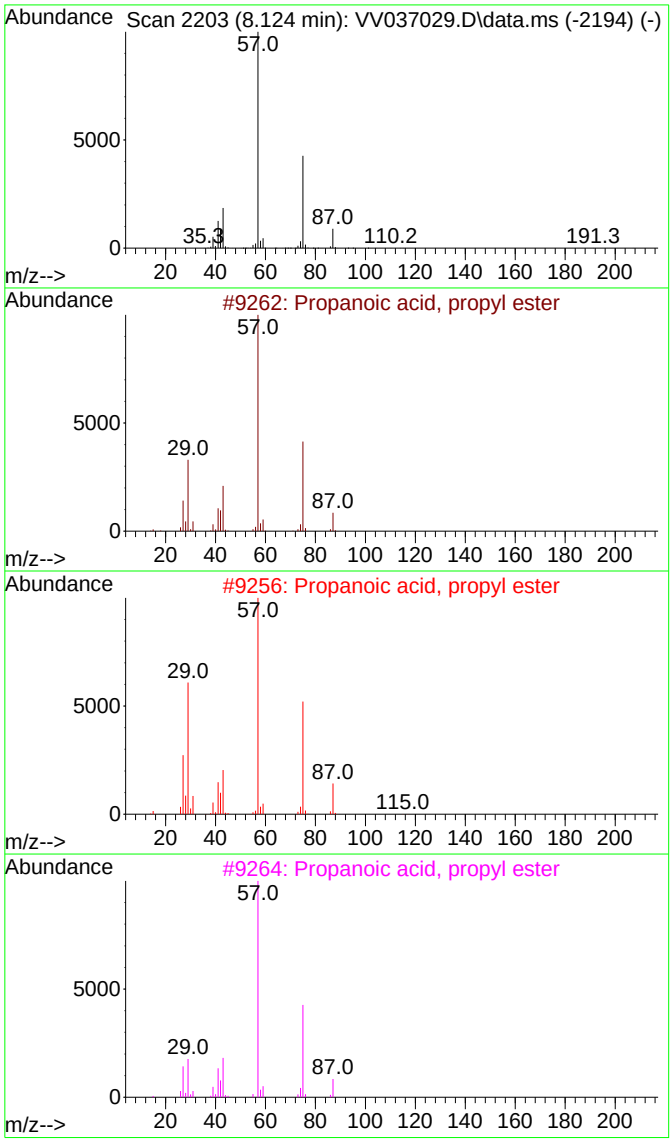
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

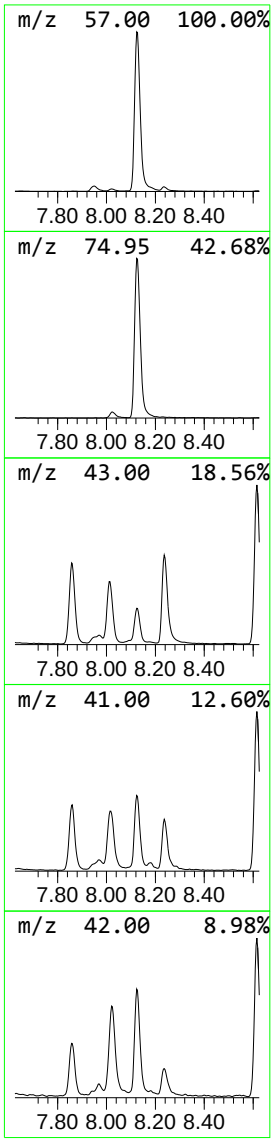
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Propanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.124	22.65 ug/L	896094	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

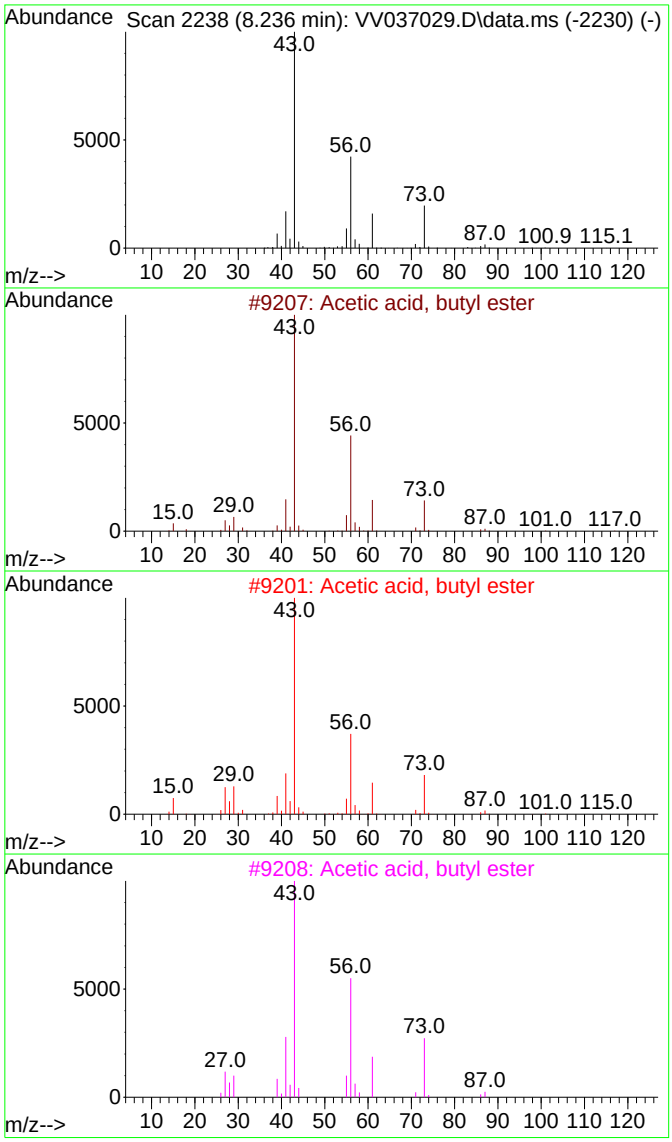
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

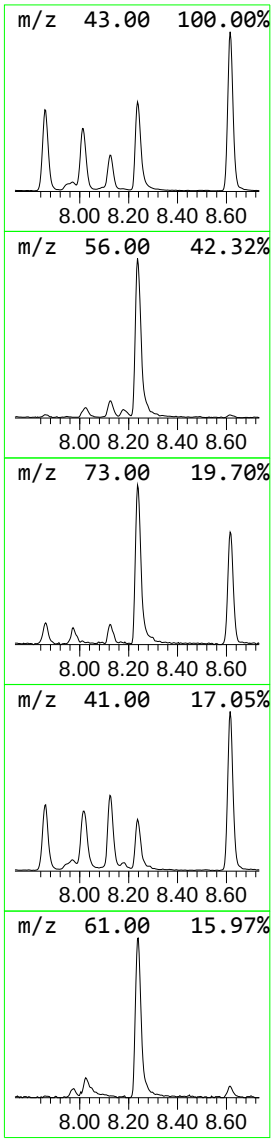
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Acetic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	14.25 ug/L	563991	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
5	Isobutyl acetate	116	C6H12O2	000110-19-0	40





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

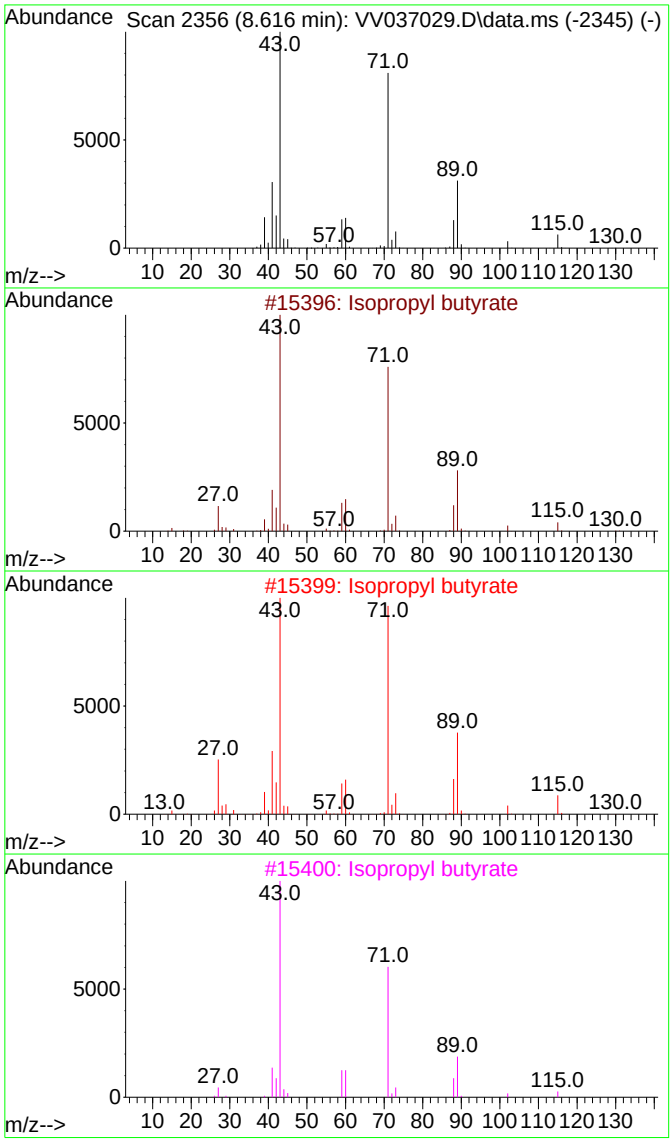
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

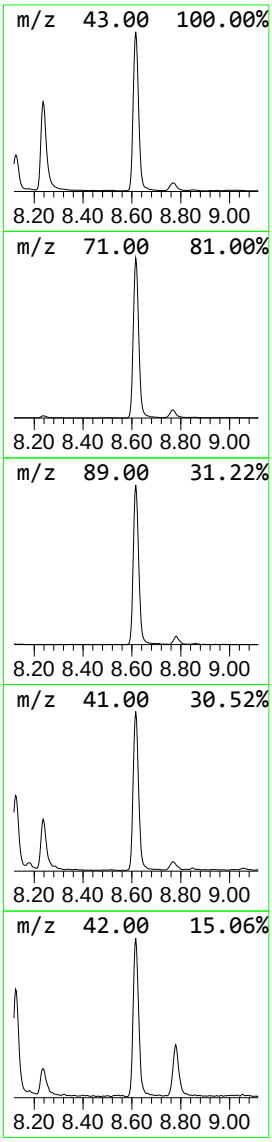
****

Peak Number 15 Isopropyl butyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	34.22 ug/L	1354120	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	95
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

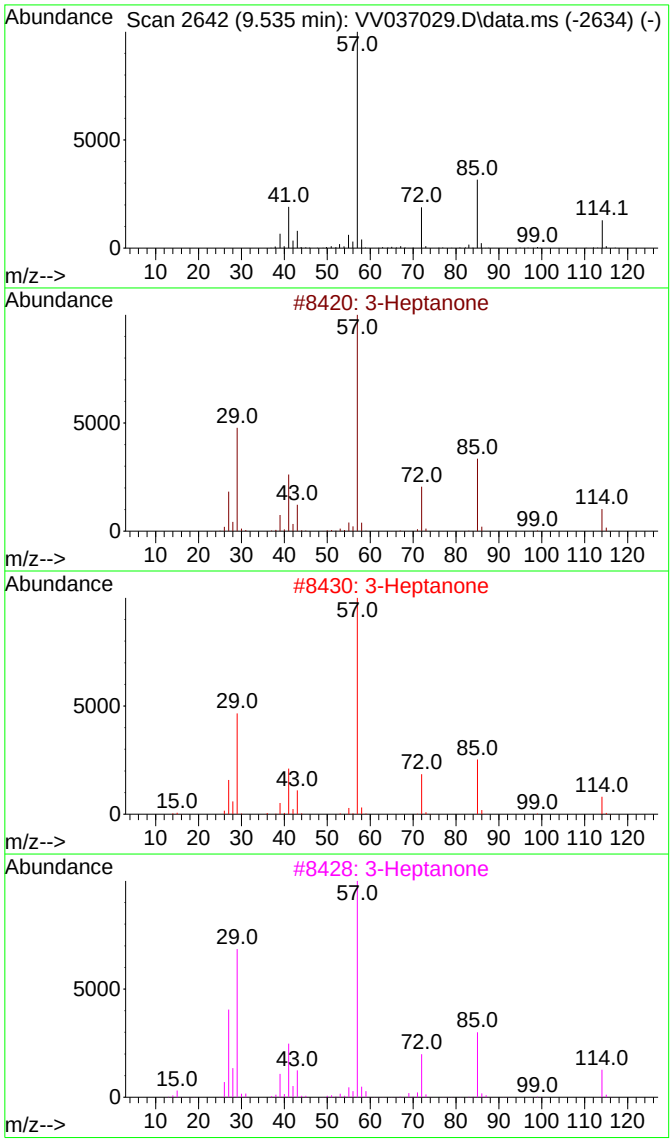
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

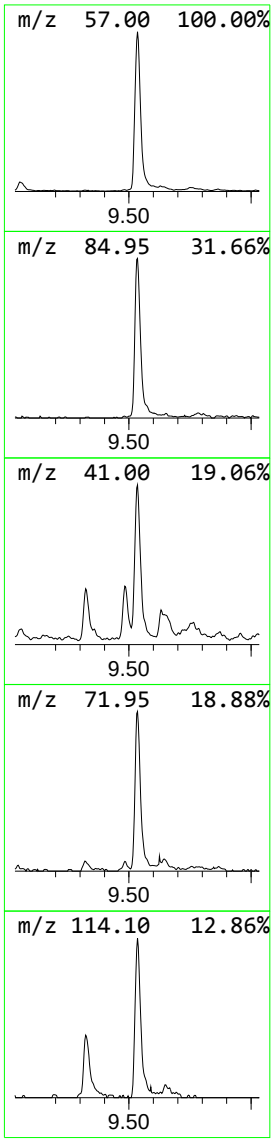
****

Peak Number 16 3-Heptanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.535	6.65 ug/L	262960	Chlorobenzene-d5	8.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	87
2	3-Heptanone	114	C7H14O	000106-35-4	87
3	3-Heptanone	114	C7H14O	000106-35-4	86
4	3-Heptanone	114	C7H14O	000106-35-4	64
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	59





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Acq On : 26 Aug 2024 15:55
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Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

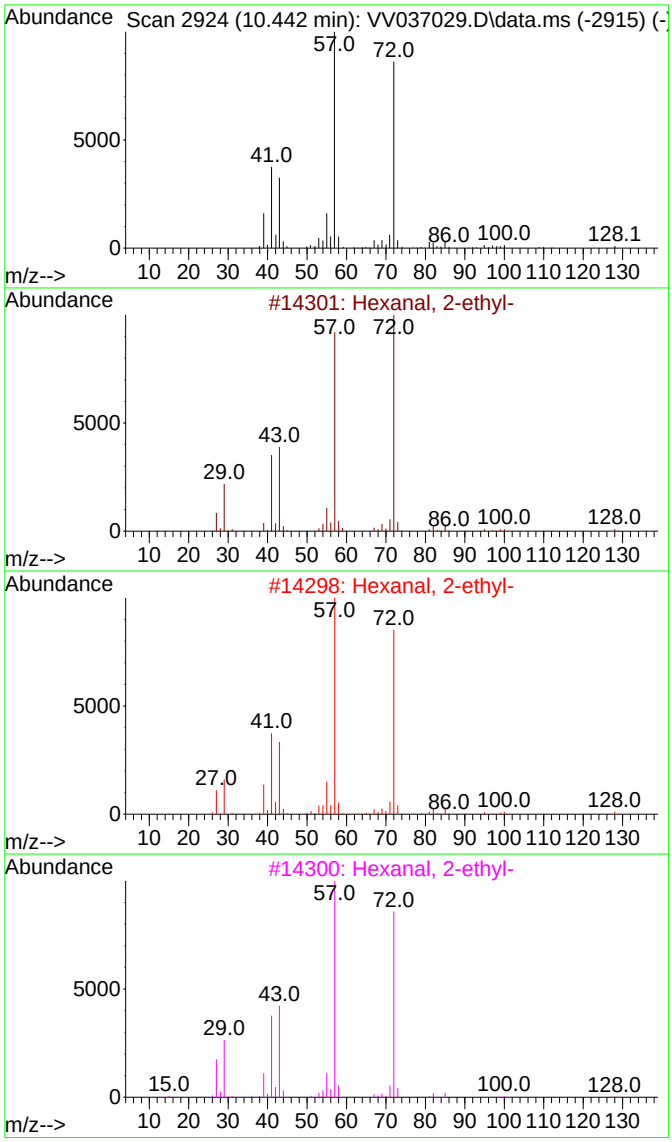
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

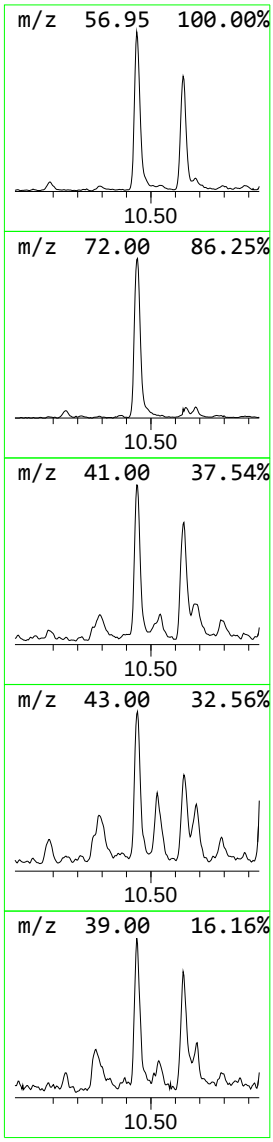
****

Peak Number 17 Hexanal, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.442	5.50 ug/L	261705	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	90
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	87
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
4	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	74
5	Butanamine, N-cyclohexylmethyl-1...	211	C14H29N	1000271-47-8	59





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Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

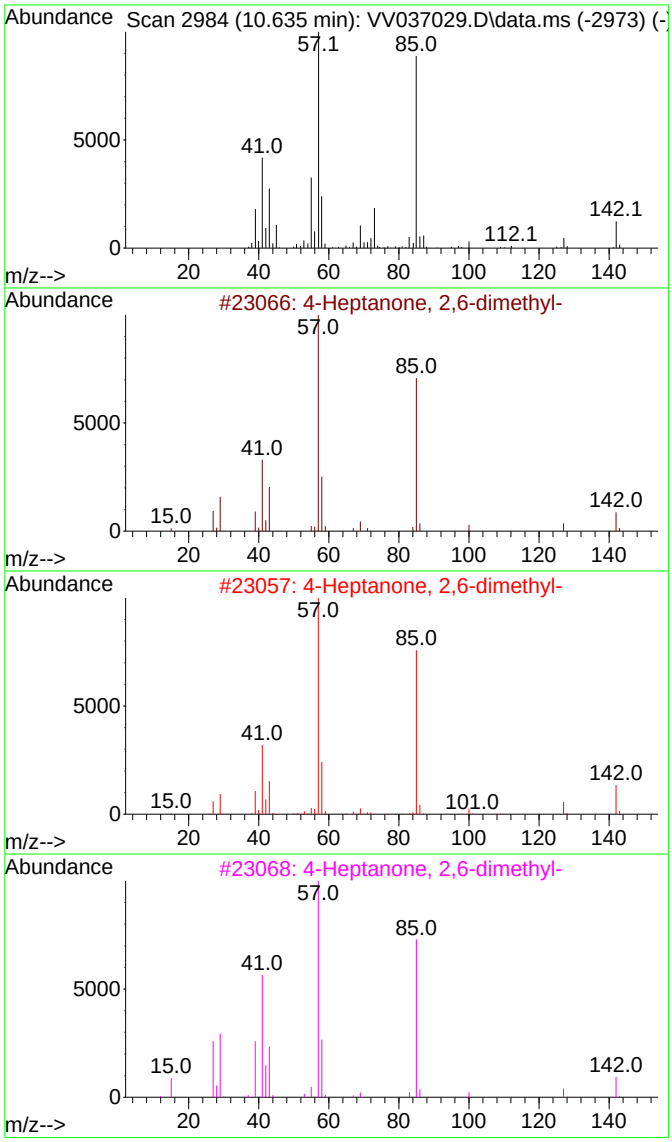
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

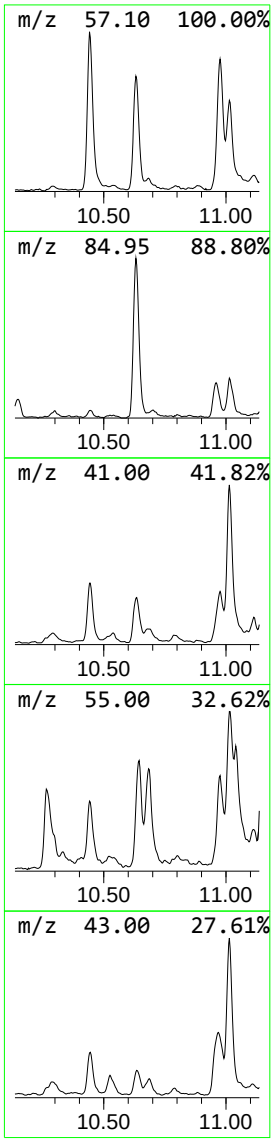
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4-Heptanone, 2,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.635	5.52 ug/L	262803	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	81
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	74
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	74
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	58





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Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

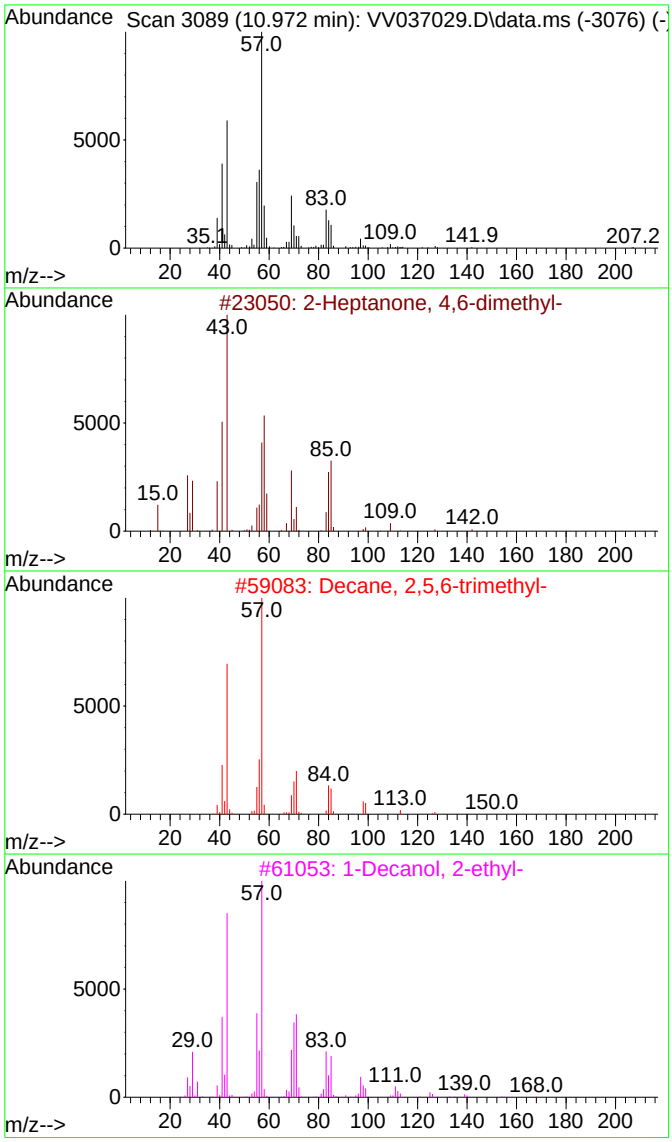
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

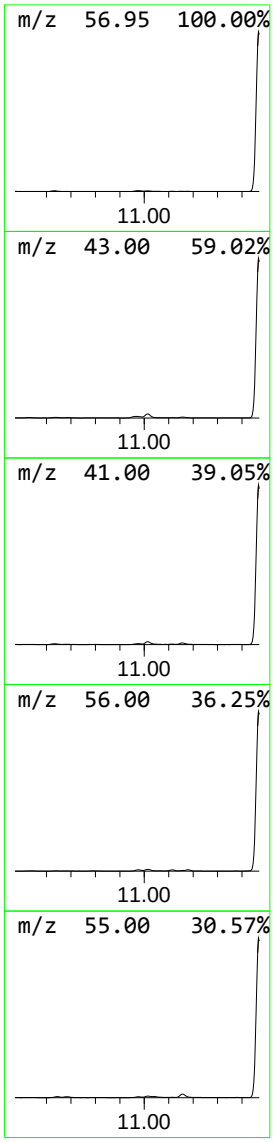
****

Peak Number 19 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	6.66 ug/L	316817	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	46
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
3	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
4	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	38
5	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	37





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Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

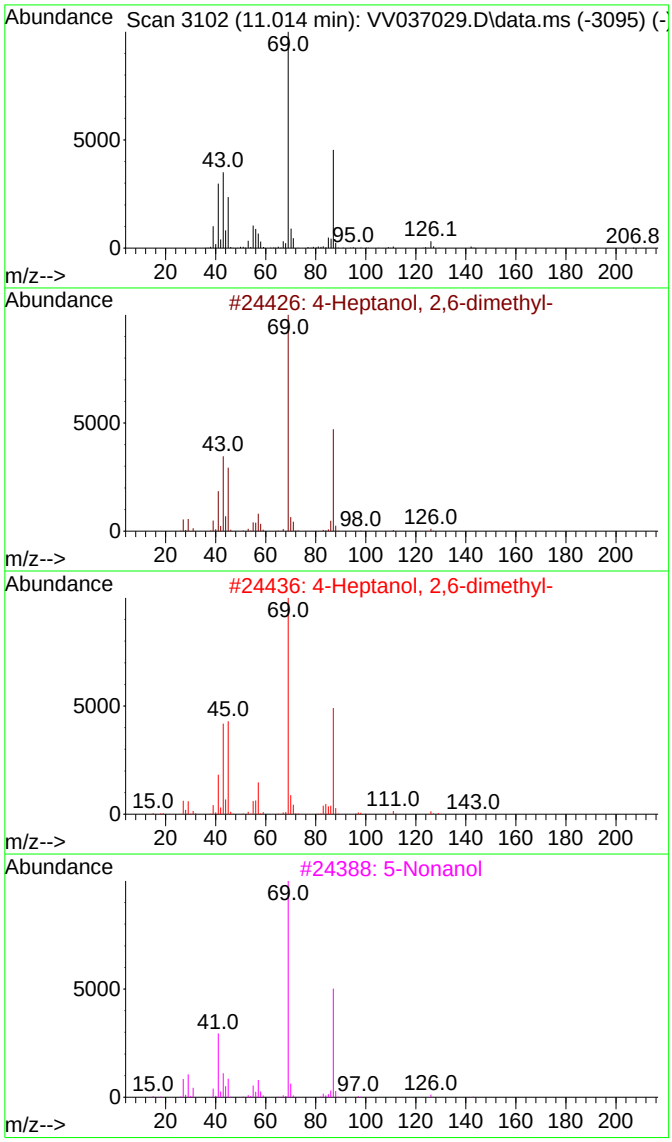
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

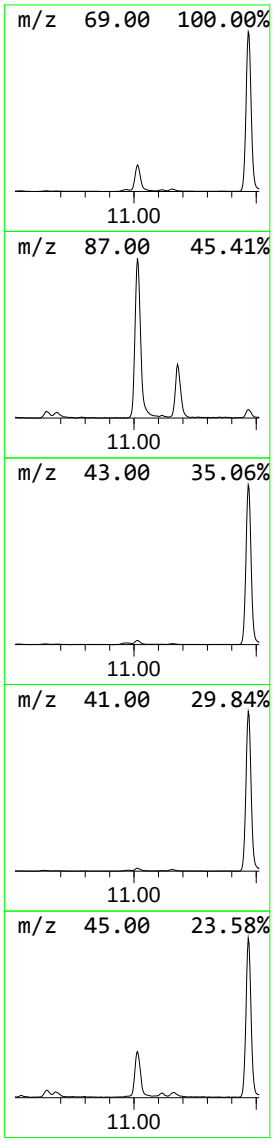
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4-Heptanol, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.014	17.08 ug/L	812343	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	83
2	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	74
3	5-Nonanol	144	C9H20O	000623-93-8	72
4	1,2-Hexanediol	118	C6H14O2	006920-22-5	64
5	3-Hexanol, 2,5-dimethyl-	130	C8H18O	019550-07-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

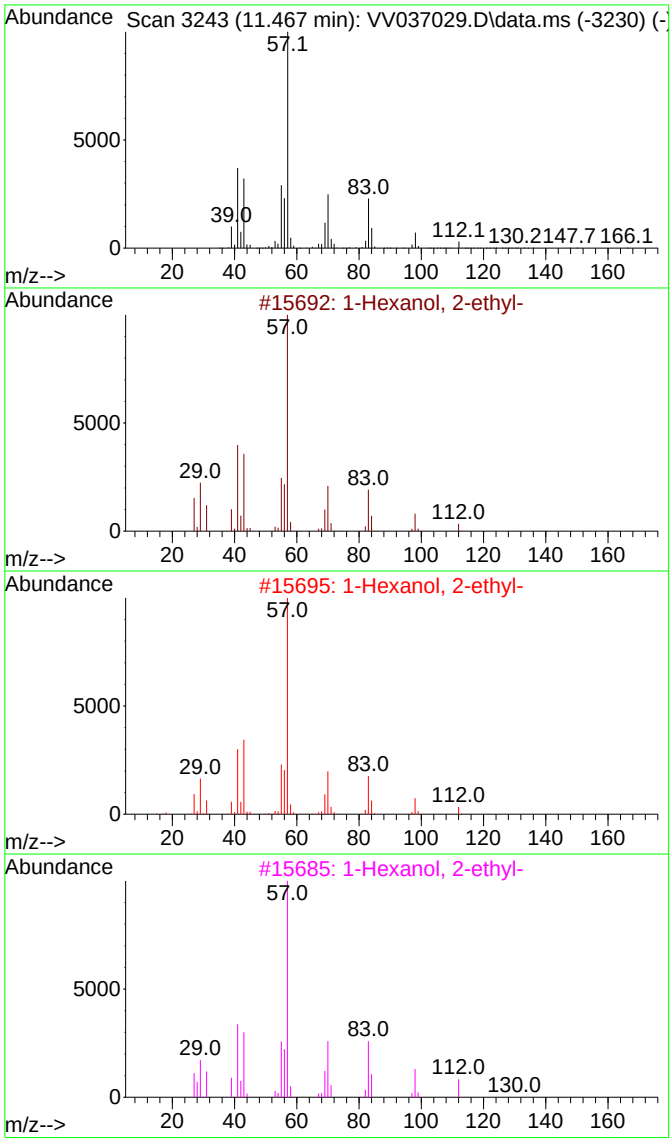
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

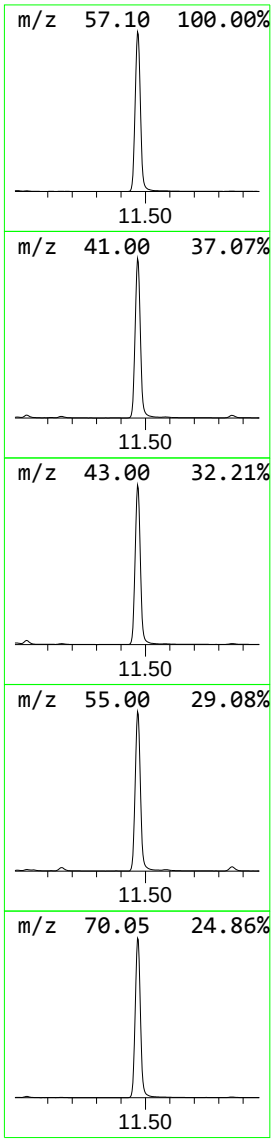
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.467	730.56 ug/L	34750500	1,4-Dichlorobenzene-d4	11.181

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	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





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Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

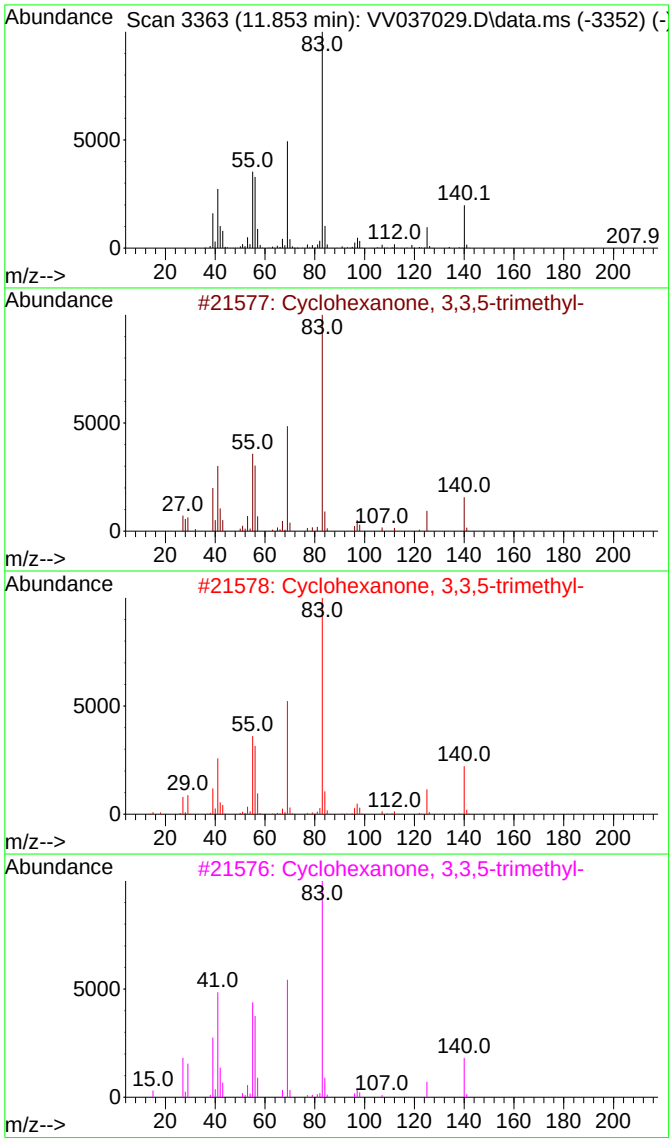
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

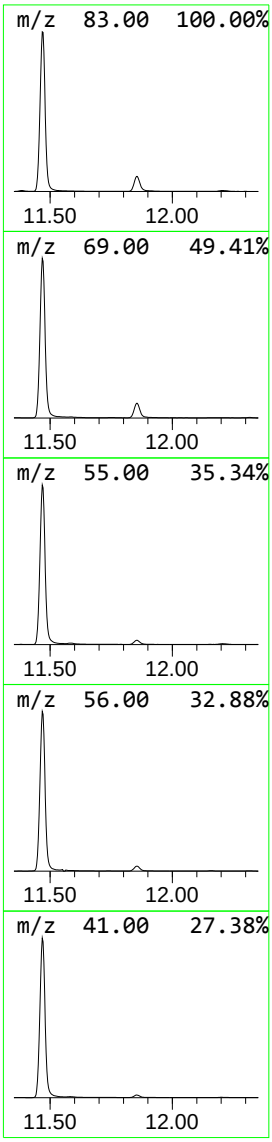
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexanone, 3,3,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.853	20.38 ug/L	969329	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

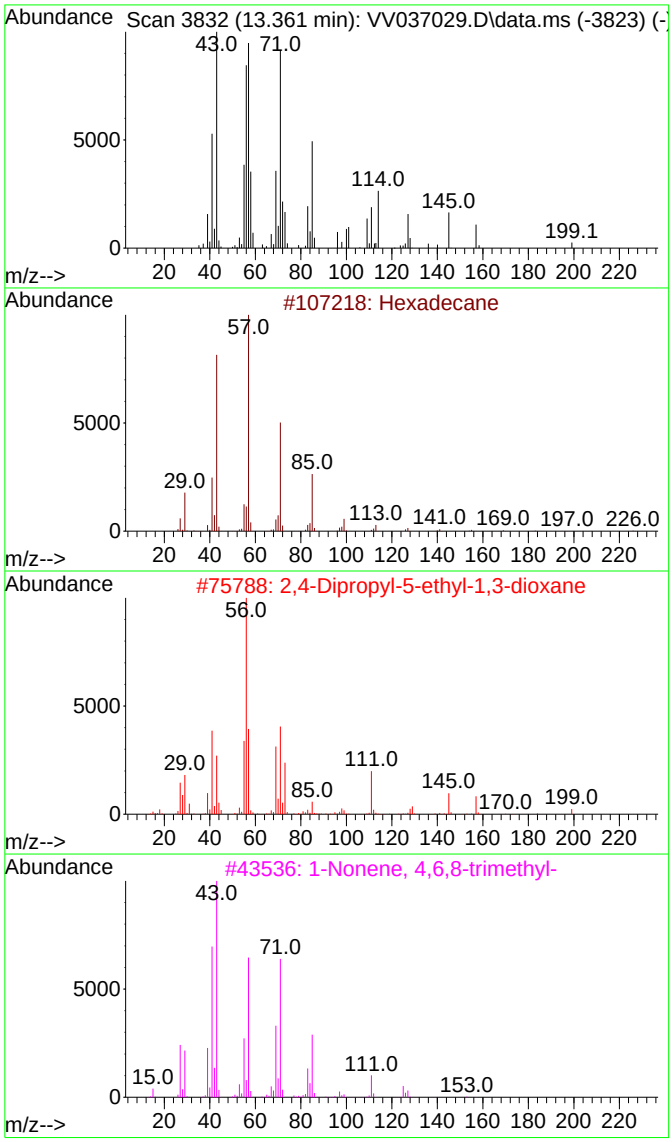
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

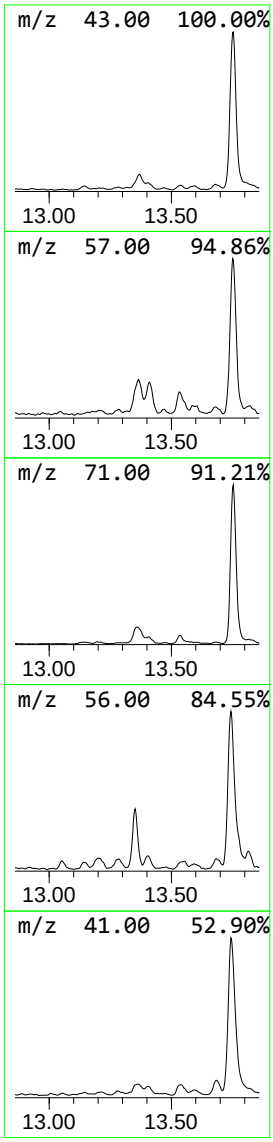
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.361	2.58 ug/L	122792	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	35
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	35
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	35
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	35
5	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

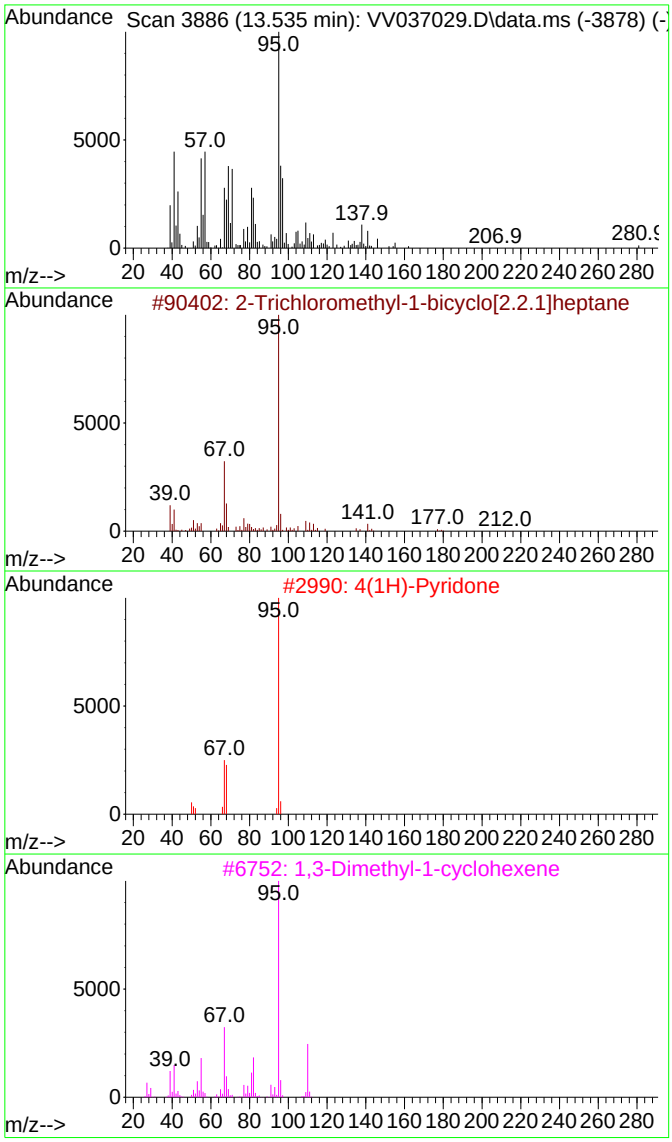
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

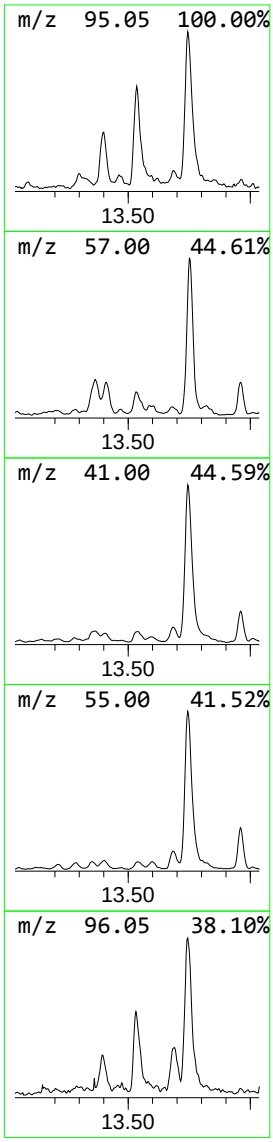
****

Peak Number 26 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.535	4.46 ug/L	212359	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Trichloromethyl-1-bicyclo[2.2....	212	C8H11Cl3	090086-53-6	38
2	4(1H)-Pyridone	95	C5H5NO	000108-96-3	38
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
4	Dicyclohexylmethanol	196	C13H24O	004453-82-1	38
5	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

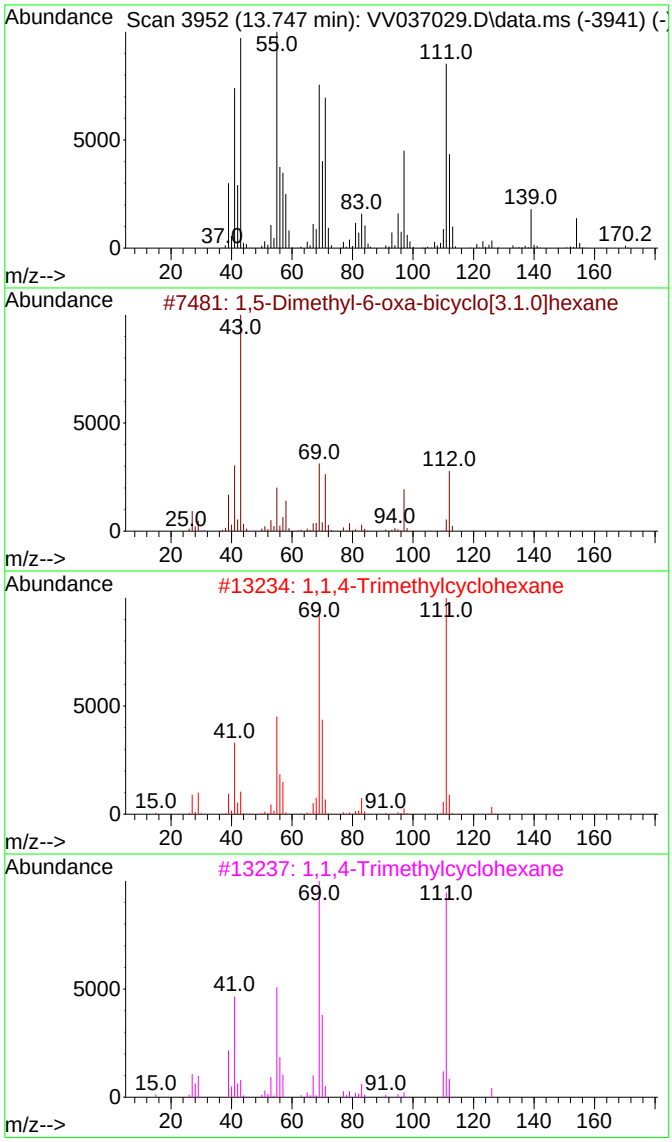
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

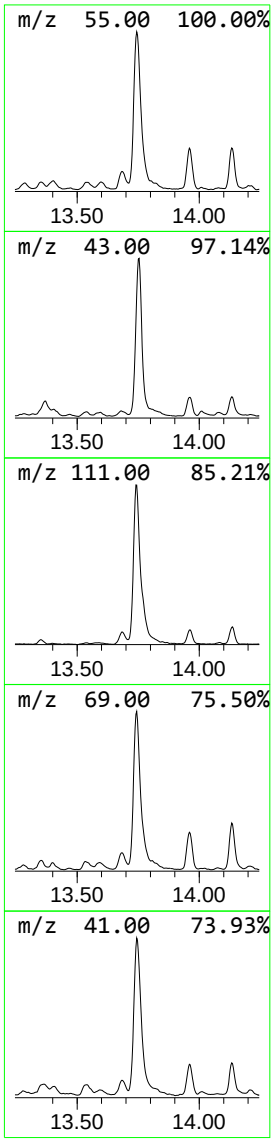
****

Peak Number 28 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.747	48.71 ug/L	2316800	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dimethyl-6-oxa-bicyclo[3.1.0...	112	C7H12O	082461-31-2	49
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	49
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	46
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	43
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

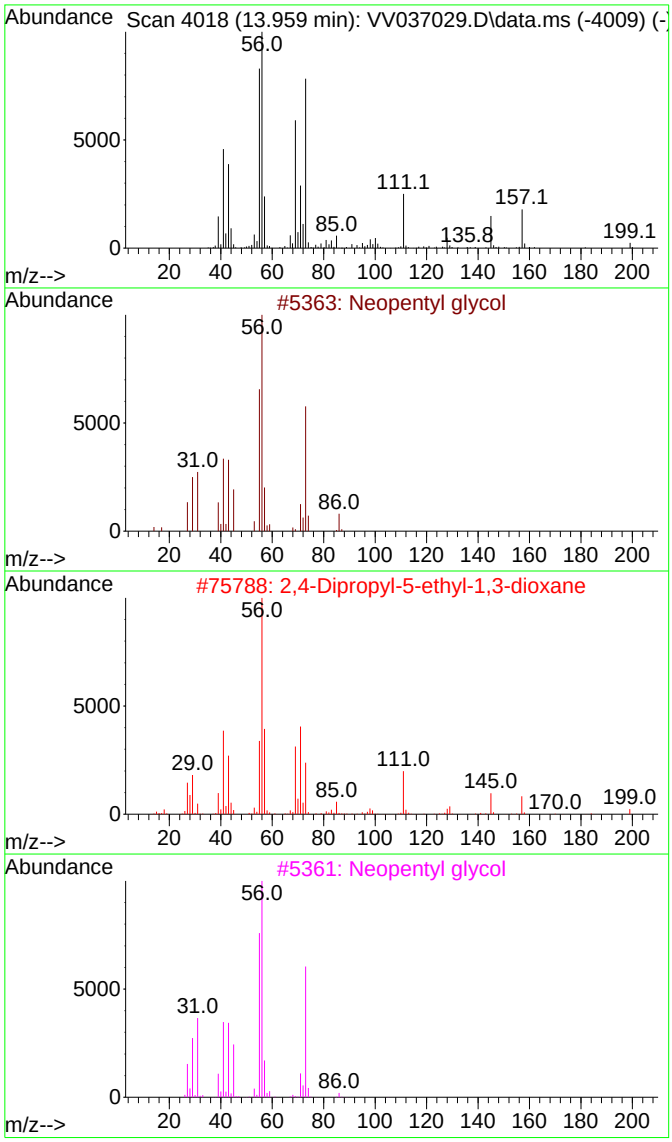
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

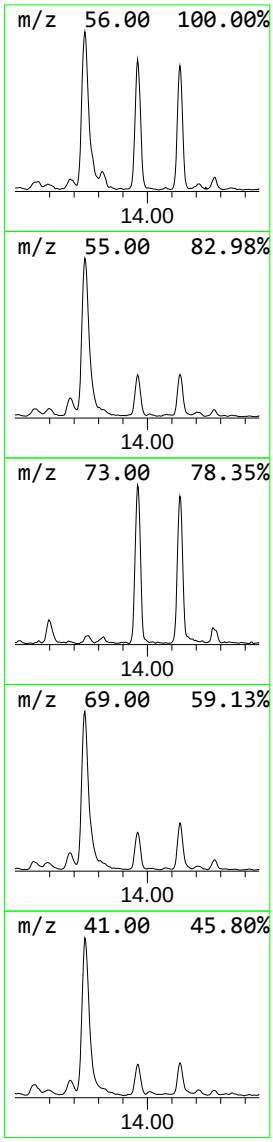
****

Peak Number 29 Neopentyl glycol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.959	7.57 ug/L	360215	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	53
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
3	Neopentyl glycol	104	C5H12O2	000126-30-7	42
4	(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	38
5	Nonane, 4-methylene-	140	C10H20	033717-91-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

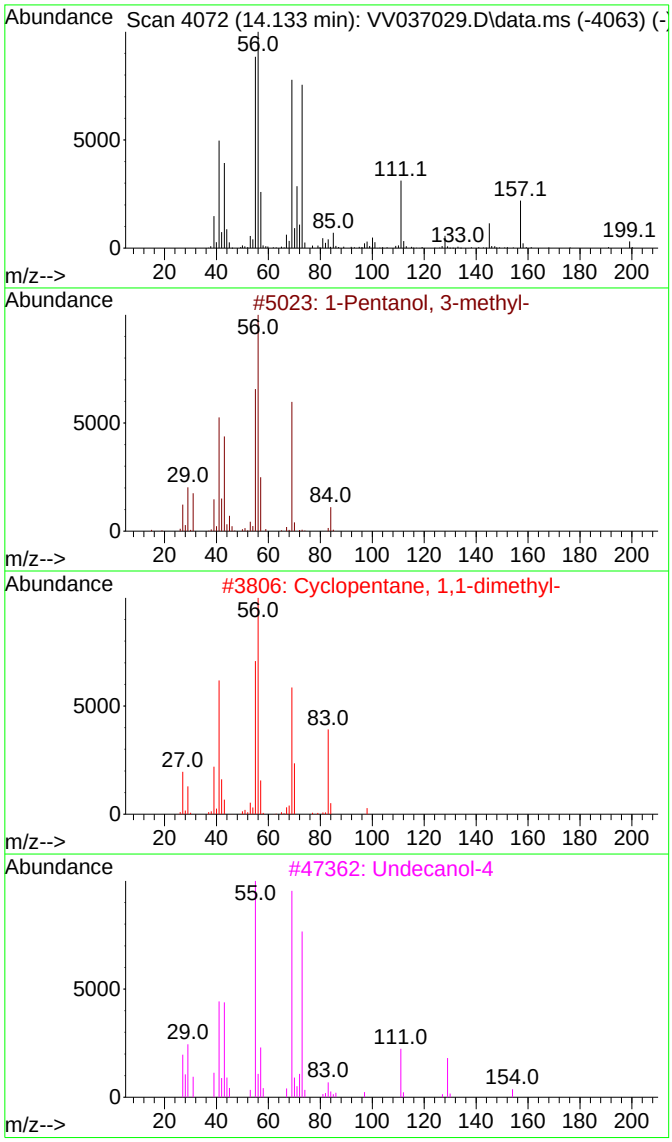
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

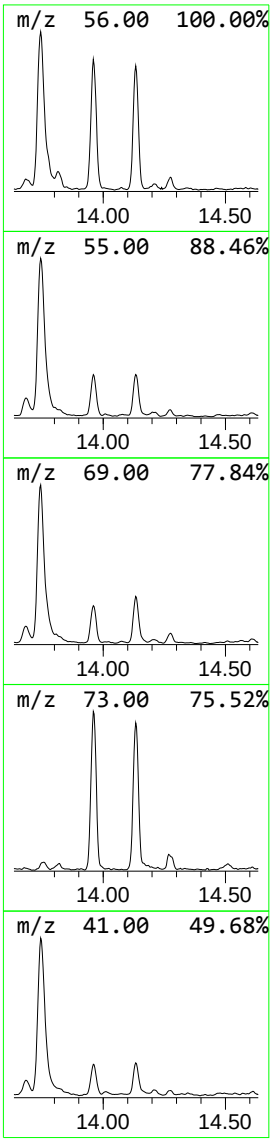
****

Peak Number 31 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	8.99 ug/L	427706	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	38
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
3	Undecanol-4	172	C11H24O	004272-06-4	38
4	Neopentyl glycol	104	C5H12O2	000126-30-7	38
5	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

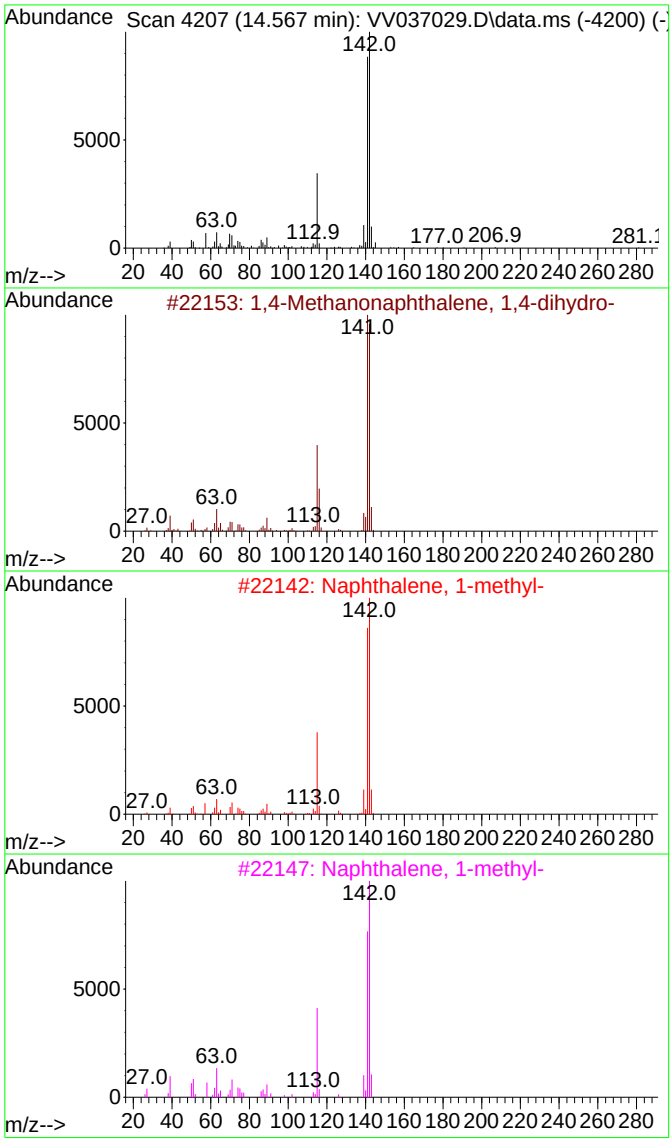
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

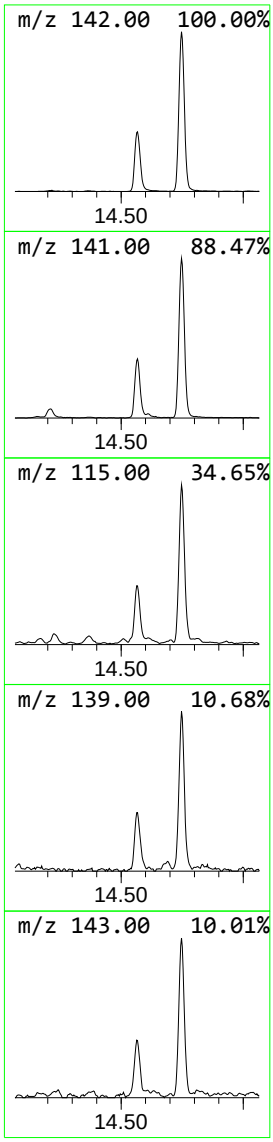
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,4-Methanonaphthalene, 1,4... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.567	3.91 ug/L	186040	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

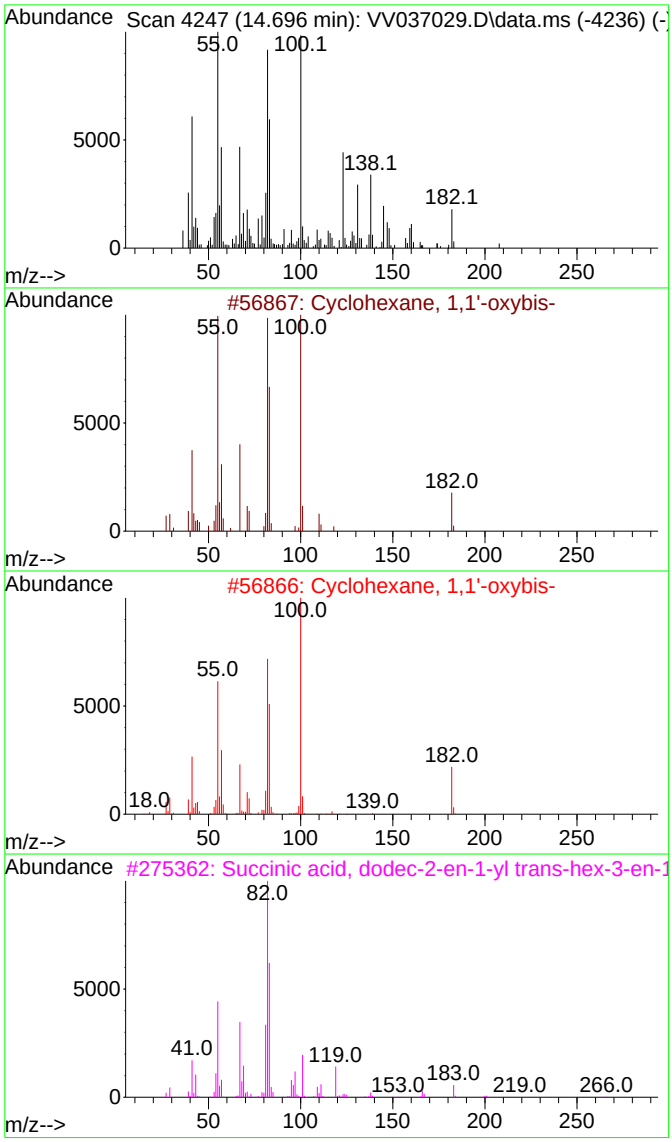
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

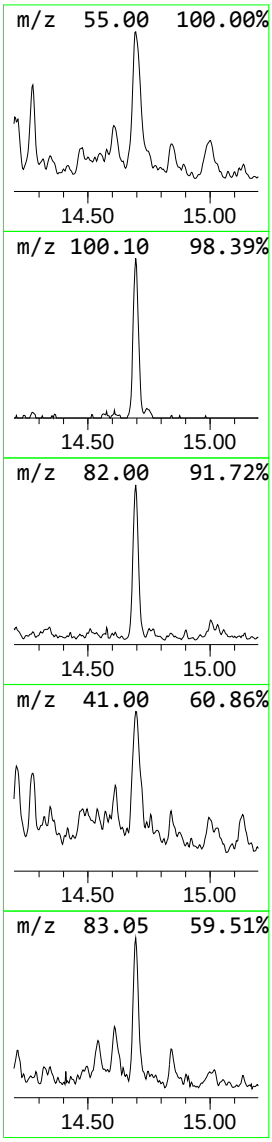
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Cyclohexane, 1,1'-oxybis- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	3.99 ug/L	189698	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-oxybis-	182	C12H22O	004645-15-2	86
2	Cyclohexane, 1,1'-oxybis-	182	C12H22O	004645-15-2	60
3	Succinic acid, dodec-2-en-1-yl t...	366	C22H38O4	1000391-12-5	35
4	4-Hydroxy-2-methylpyrrolidine-2-...	145	C6H11NO3	1000191-37-7	35
5	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

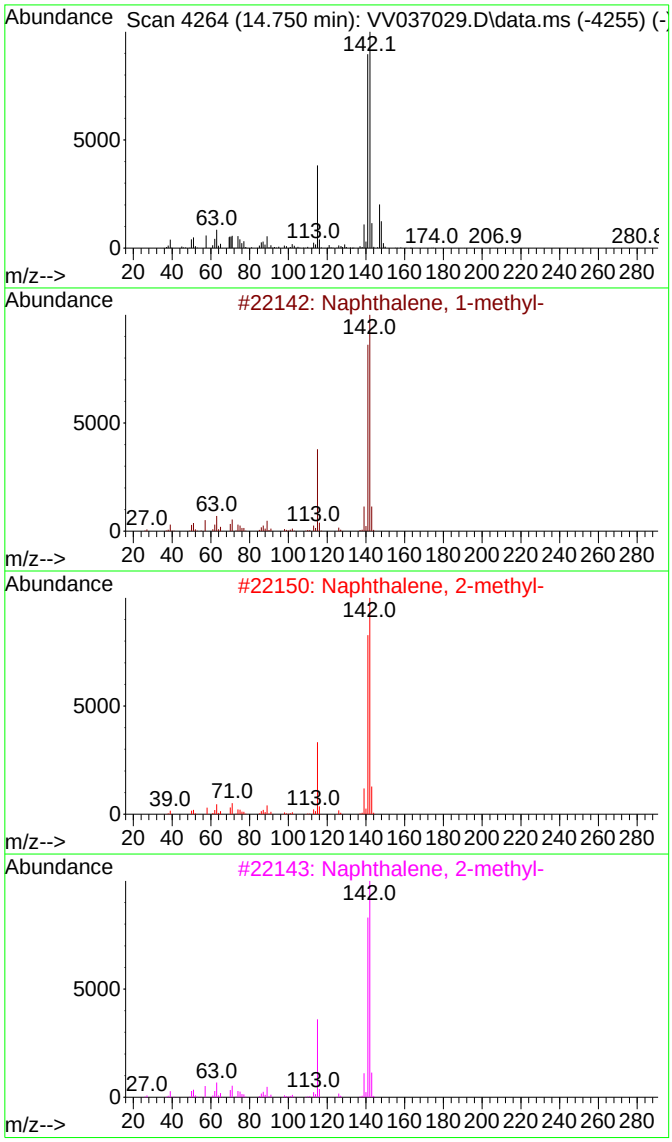
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

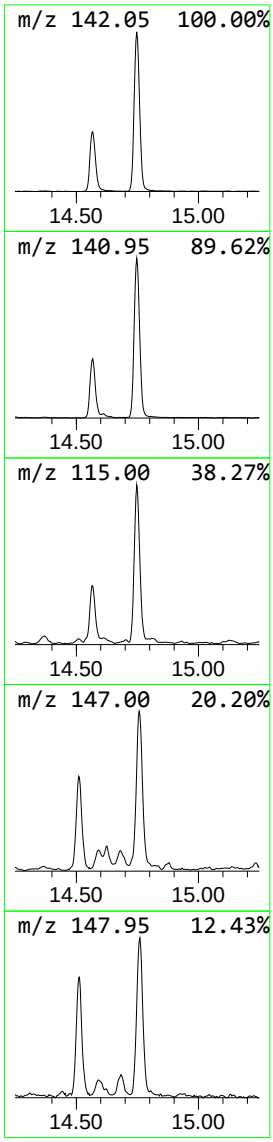
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.750	15.28 ug/L	726699	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

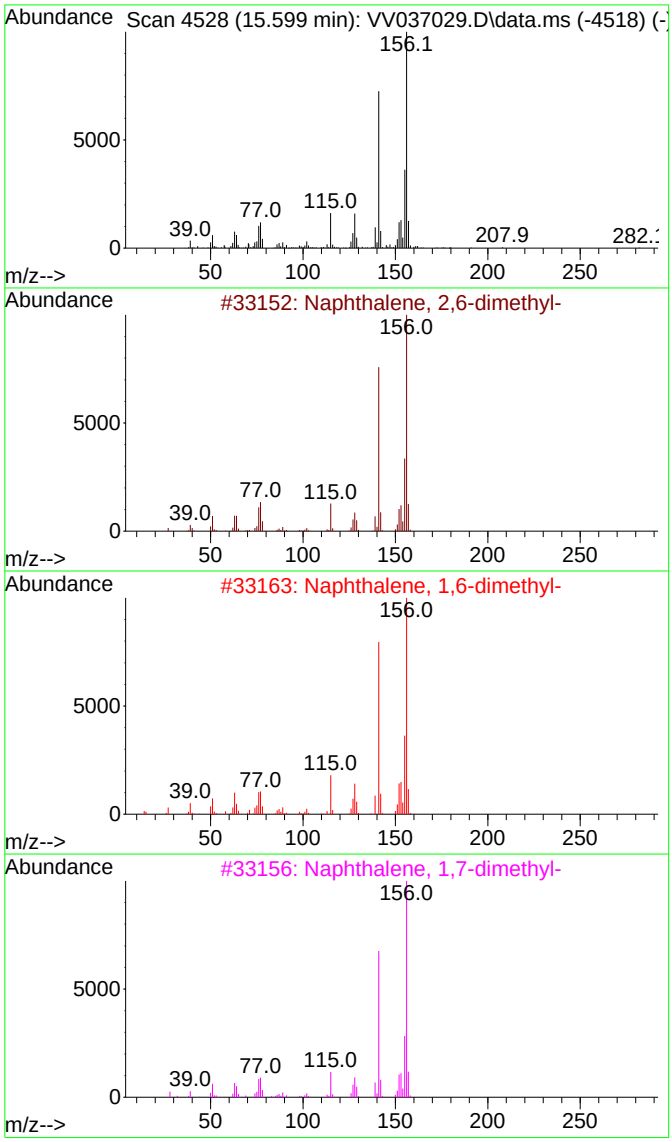
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

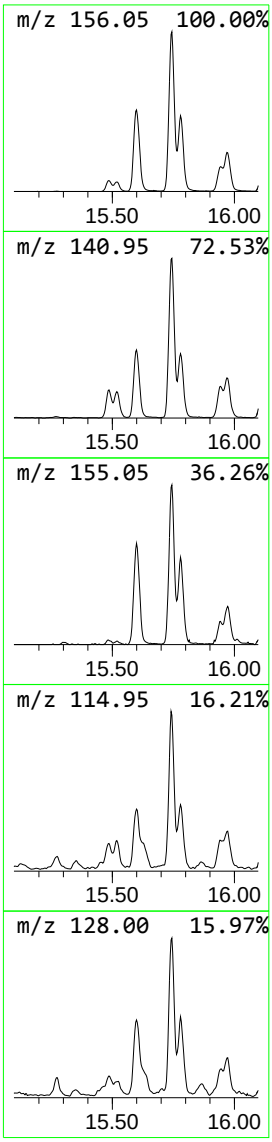
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.599	12.22 ug/L	581104	1,4-Dichlorobenzene-d4	11.181

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

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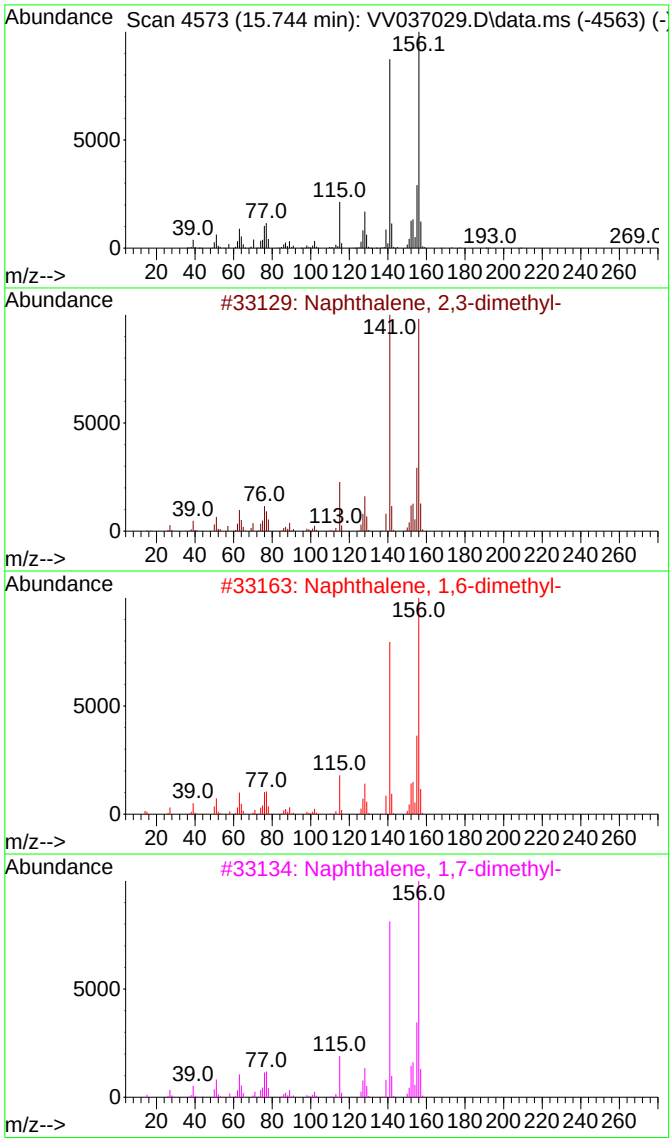
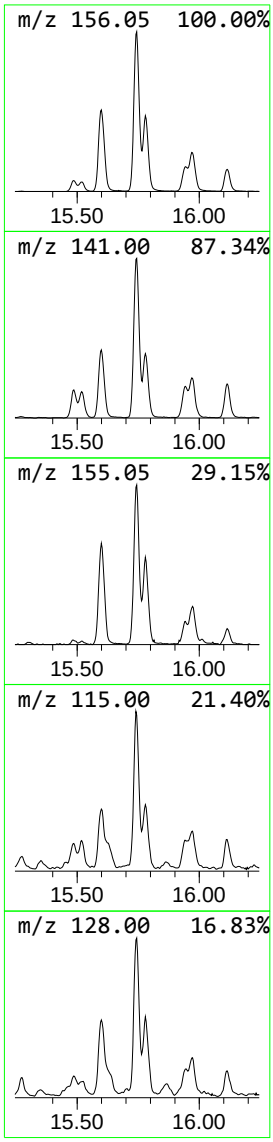
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	16.30 ug/L	775177	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

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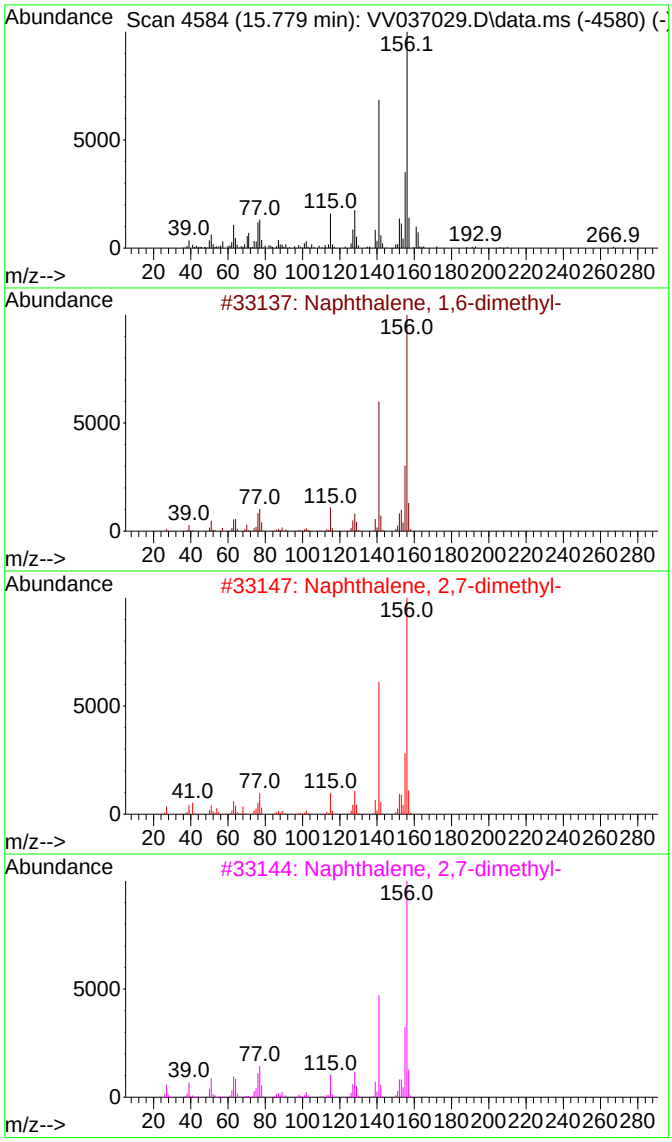
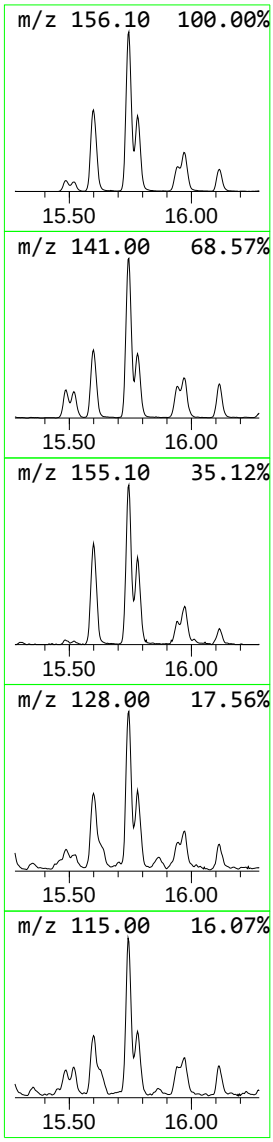
Peak Number 40 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.779	7.98 ug/L	379666	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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

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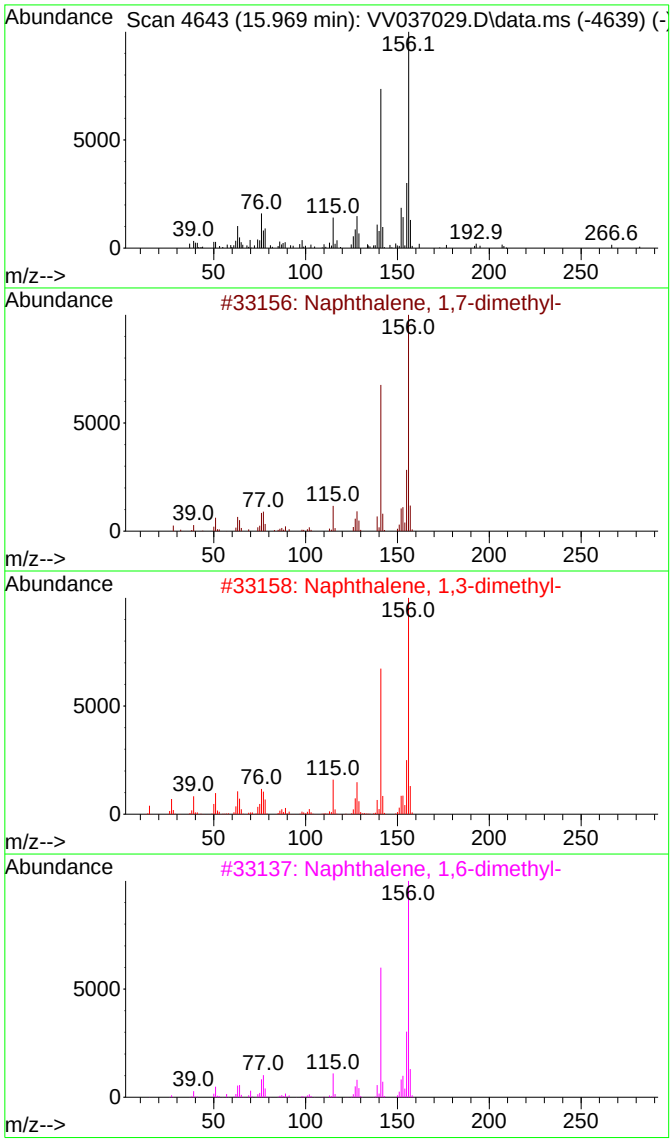
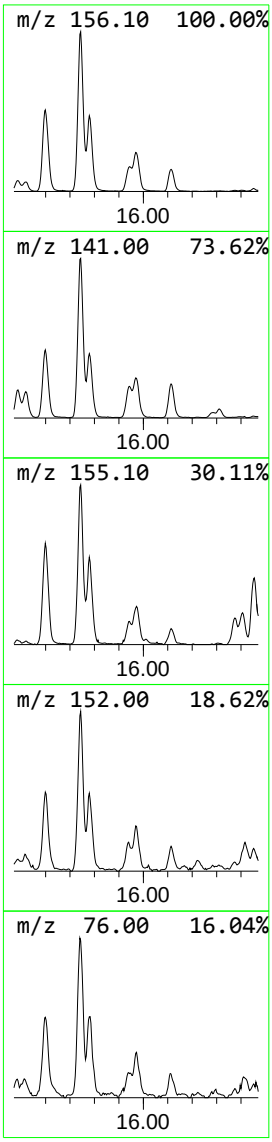
Peak Number 42 Naphthalene, 1,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	3.88 ug/L	184642	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037029.D
Acq On : 26 Aug 2024 15:55
Operator : SY/MD
Sample : P3697-04 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN88

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
Acetaldehyde	1.349	4.1	ug/L	123607	1	5.529	1493030	50.0
Methacrolein	3.082	11.2	ug/L	333657	1	5.529	1493030	50.0
Butanal	3.612	7.1	ug/L	212801	1	5.529	1493030	50.0
Isopropyl acetate	5.201	13.0	ug/L	389008	1	5.529	1493030	50.0
3-Pentanone	6.265	7.2	ug/L	214325	1	5.529	1493030	50.0
n-Propyl acetate	6.387	102.2	ug/L	3051210	1	5.529	1493030	50.0
Propanoic acid,...	7.117	20.2	ug/L	602392	1	5.529	1493030	50.0
Propanoic acid,...	7.857	12.6	ug/L	499165	2	8.779	1978360	50.0
Butanoic acid, ...	7.972	3.5	ug/L	140540	2	8.779	1978360	50.0
Propanoic acid,...	8.124	22.6	ug/L	896094	2	8.779	1978360	50.0
Acetic acid, bu...	8.236	14.3	ug/L	563991	2	8.779	1978360	50.0
Isopropyl butyrate	8.616	34.2	ug/L	1354120	2	8.779	1978360	50.0
3-Heptanone	9.535	6.7	ug/L	262960	2	8.779	1978360	50.0
Hexanal, 2-ethyl-	10.442	5.5	ug/L	261705	3	11.181	2378350	50.0
4-Heptanone, 2,...	10.635	5.5	ug/L	262803	3	11.181	2378350	50.0
unknown-01	10.972	6.7	ug/L	316817	3	11.181	2378350	50.0
4-Heptanol, 2,6...	11.014	17.1	ug/L	812343	3	11.181	2378350	50.0
1-Hexanol, 2-et...	11.467	730.6	ug/L	34750500	3	11.181	2378350	50.0
Cyclohexanone, ...	11.853	20.4	ug/L	969329	3	11.181	2378350	50.0
(DEL) Alkane: S...	13.361	2.6	ug/L	122792	3	11.181	2378350	50.0
unknown-02	13.535	4.5	ug/L	212359	3	11.181	2378350	50.0
unknown-03	13.747	48.7	ug/L	2316800	3	11.181	2378350	50.0
Neopentyl glycol	13.959	7.6	ug/L	360215	3	11.181	2378350	50.0
unknown-04	14.133	9.0	ug/L	427706	3	11.181	2378350	50.0
1,4-Methanonaph...	14.567	3.9	ug/L	186040	3	11.181	2378350	50.0
Cyclohexane, 1,...	14.696	4.0	ug/L	189698	3	11.181	2378350	50.0
Naphthalene, 1-...	14.750	15.3	ug/L	726699	3	11.181	2378350	50.0
Naphthalene, 2,...	15.599	12.2	ug/L	581104	3	11.181	2378350	50.0
Naphthalene, 2,...	15.744	16.3	ug/L	775177	3	11.181	2378350	50.0
Naphthalene, 1,...	15.779	8.0	ug/L	379666	3	11.181	2378350	50.0
Naphthalene, 1,...	15.969	3.9	ug/L	184642	3	11.181	2378350	50.0