LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT64

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VU042017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.385	8	14	24	rBV4	12143	16348	3.94%	0.337%
2	1.507	46	52	63	rBV3	17168	28711	6.93%	0.592%
3	1.559	64	68	75	rVB2	6362	7024	1.69%	0.145%
4	1.646	85	95	109	rVB	65496	85120	20.54%	1.755%
5	1.983	190	200	212	rBV	60522	85197	20.56%	1.756%
6	2.636	392	403	419	rVB	119566	191780	46.27%	3.953%
7	4.337	921	932	946	rVB6	6420	15373	3.71%	0.317%
8	4.813	1063	1080	1118	rVB2	28262	145752	35.17%	3.005%
9	5.134	1167	1180	1195	rBV	109171	244507	58.99%	5.040%
10	5.822	1371	1394	1415	rBV2	166248	412305	99.48%	8.499%
11	6.115	1468	1485	1489	rBV5	8089	17366	4.19%	0.358%
12	6.343	1541	1556	1578	rBV	127403	237344	57.27%	4.893%
13	6.568	1611	1626	1628	rBV2	8341	15397	3.71%	0.317%
14	6.713	1656	1671	1676	rBV9	5681	12873	3.11%	0.265%
15	6.774	1677	1690	1709	rVB2	95897	188307	45.43%	3.882%
16	6.970	1736	1751	1772	rVB10	8708	26285	6.34%	0.542%
17	7.623	1940	1954	1972	rBV	43732	75858	18.30%	1.564%
18	7.751	1983	1994	2009	rBV6	3668	8810	2.13%	0.182%
19	7.944	2038	2054	2065	rBV	170456	293549	70.83%	6.051%
20	8.005	2067	2073	2081	rVV5	11244	21393	5.16%	0.441%
21	8.057	2081	2089	2107	rVB2	11800	26535	6.40%	0.547%
22	8.221	2125	2140	2154	rBV3	27112	47135	11.37%	0.972%
23	8.311	2154	2168	2169	rBV4	3680	4699	1.13%	0.097%
24	8.677	2261	2282	2295	rBV	215736	414459	100.00%	8.544%
25	8.758	2297	2307	2318	rVV2	40003	94127	22.71%	1.940%
26	8.819	2318	2326	2338	rVB4	24002	41419	9.99%	0.854%
27	8.893	2345	2349	2362	rVB6	4573	7545	1.82%	0.156%
28	9.440	2507	2519	2531	rBV	165116	286575	69.14%	5.907%
29	9.497	2532	2537	2552	rVB3	14894	26774	6.46%	0.552%
30	9.706	2594	2602	2609	rBV2	2875	4210	1.02%	0.087%
31	10.353	2793	2803	2824	rVB2	26336	48891	11.80%	1.008%
32	10.706	2905	2913	2920	rBV5	4901	7241	1.75%	0.149%
33	10.764	2920	2931	2951	rVB	70129	134147	32.37%	2.765%
34	10.893	2961	2971	2985	rVB5	2413	5258	1.27%	0.108%
35	11.475	3144	3152	3161	rVB5	3314	5145	1.24%	0.106%
36	11.574	3175	3183	3195	rVB3	5655	8289	2.00%	0.171%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT64

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Title : TRACE VOA SOM01.0

37	11.690	3208	3219	3230	rVV4	29571	49656	11.98%	1.024%
38	11.748	3230	3237	3246	rVV6	5026	10231	2.47%	0.211%
39	11.816	3246	3258	3275	rVB	172710	290814	70.17%	5.995%
40	11.986	3299	3311	3320	rBV3	5550	8289	2.00%	0.171%
41	12.060	3320	3334	3348	rBV2	27105	59533	14.36%	1.227%
42	12.192	3364	3375	3388	rVB	173030	284779	68.71%	5.870%
43	12.484	3455	3466	3472	rBV8	2888	5818	1.40%	0.120%
44	12.529	3473	3480	3489	rBV6	8059	14765	3.56%	0.304%
45	12.767	3544	3554	3570	rBV5	11062	21746	5.25%	0.448%
46	12.880	3571	3589	3607	rVV2	124211	199986	48.25%	4.123%
47	12.963	3607	3615	3624	rVV5	7113	12279	2.96%	0.253%
48	13.021	3625	3633	3645	rVB3	9142	13411	3.24%	0.276%
49	13.253	3691	3705	3727	rVB5	27103	67902	16.38%	1.400%
50	13.439	3754	3763	3776	rBV9	11169	20954	5.06%	0.432%
51	13.510	3779	3785	3793	rBV6	4378	7726	1.86%	0.159%
52	13.565	3794	3802	3814	rVB3	30792	47452	11.45%	0.978%
53	13.674	3828	3836	3847	rVB4	30750	47146	11.38%	0.972%
54	13.822	3874	3882	3886	rBV3	9186	12715	3.07%	0.262%
55	13.864	3887	3895	3908	rVB7	21924	40513	9.77%	0.835%
56	13.970	3918	3928	3940	rVB9	19269	34895	8.42%	0.719%
57	14.076	3951	3961	3969	rBV2	33225	53399	12.88%	1.101%
58	14.115	3970	3973	3982	rVB8	6504	7998	1.93%	0.165%
59	14.172	3983	3991	3997	rBV8	3729	6070	1.46%	0.125%
60	14.439	4060	4074	4081	rBV6	13725	25810	6.23%	0.532%
61	14.520	4092	4099	4108	rBV9	8108	12704	3.07%	0.262%
62	14.719	4155	4161	4170	rVB9	6555	11049	2.67%	0.228%
63	14.799	4173	4186	4191	rBV7	11718	22348	5.39%	0.461%
64	14.867	4202	4207	4217	rVB8	8696	12385	2.99%	0.255%
65	14.979	4233	4242	4257	rVB8	12291	26114	6.30%	0.538%
66	15.208	4300	4313	4325	rBV3	28599	50768	12.25%	1.047%
67	15.269	4325	4332	4340	rVB3	3457	5055	1.22%	0.104%
68	15.391	4360	4370	4380	rVB4	16181	28053	6.77%	0.578%
69	15.812	4494	4501	4508	rBV8	4353	7059	1.70%	0.146%
70	15.928	4524	4537	4544	rBV8	14964	27965	6.75%	0.576%
71	16.857	4818	4826	4840	rBV8	6291	11947	2.88%	0.246%

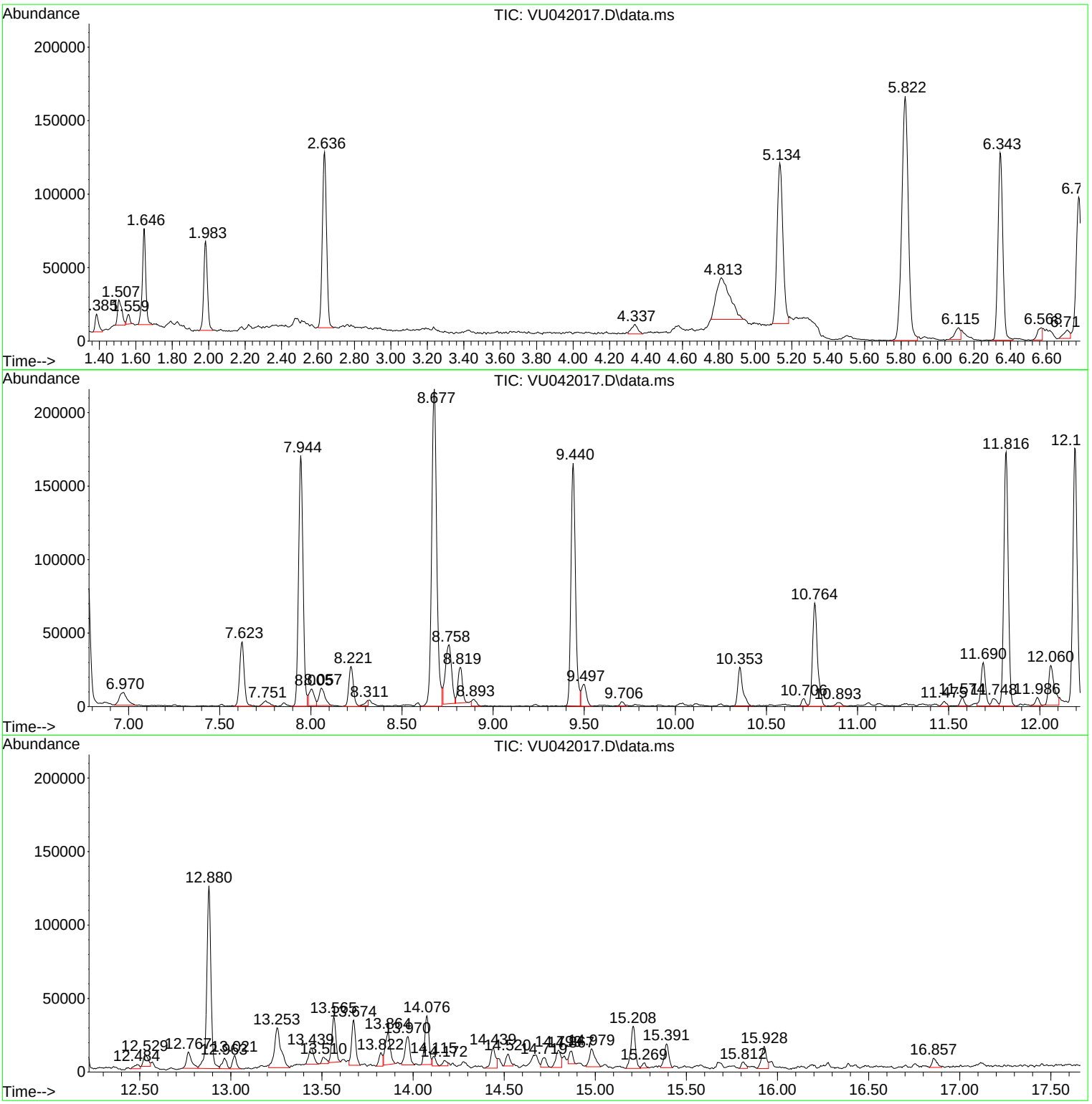
Sum of corrected areas: 4851082

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

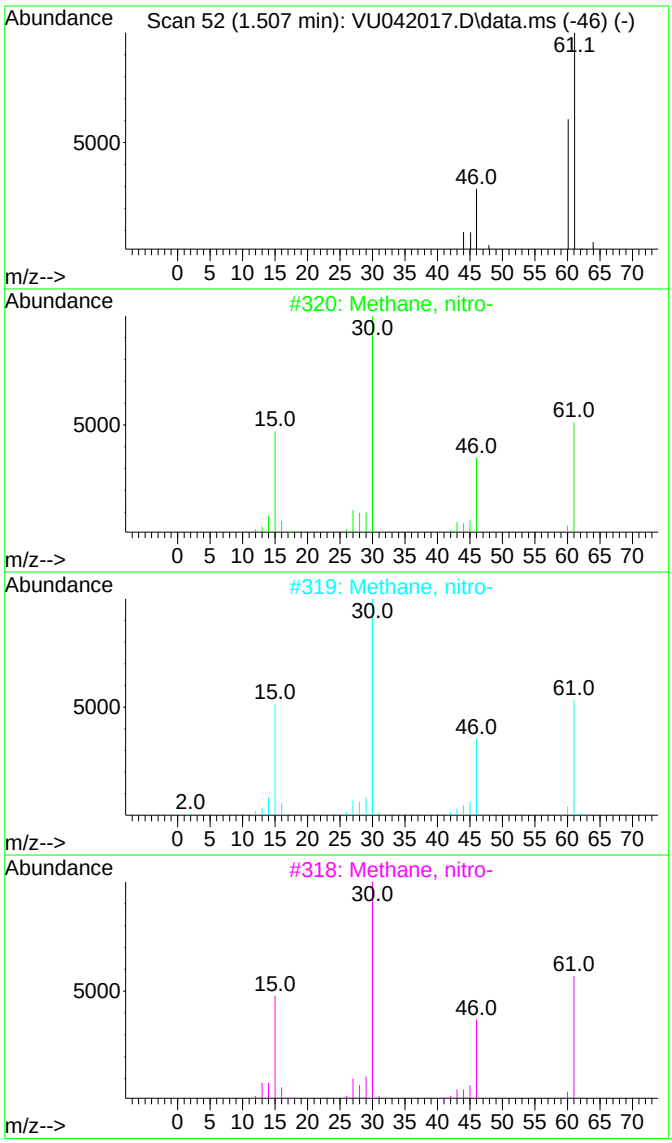
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

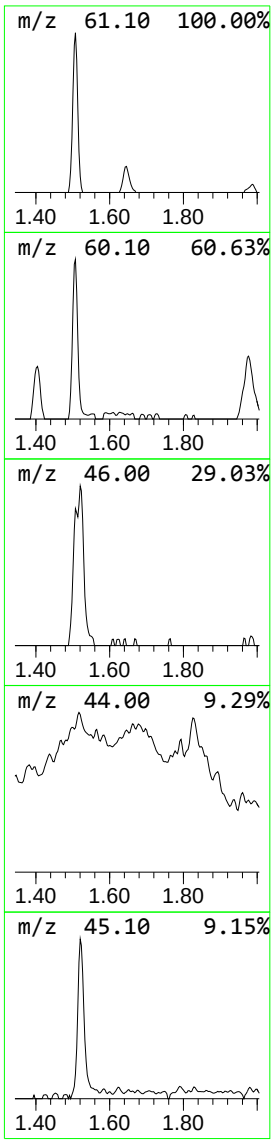
****

Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.507	0.60 ug/L	28711	1,4-Difluorobenzene	6.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, nitro-	61	CH3NO2	000075-52-5	5
2	Methane, nitro-	61	CH3NO2	000075-52-5	5
3	Methane, nitro-	61	CH3NO2	000075-52-5	5
4	Methyl nitrite	61	CH3NO2	000624-91-9	5
5	o-Ethylhydroxylamine	61	C2H7NO	1000322-42-5	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

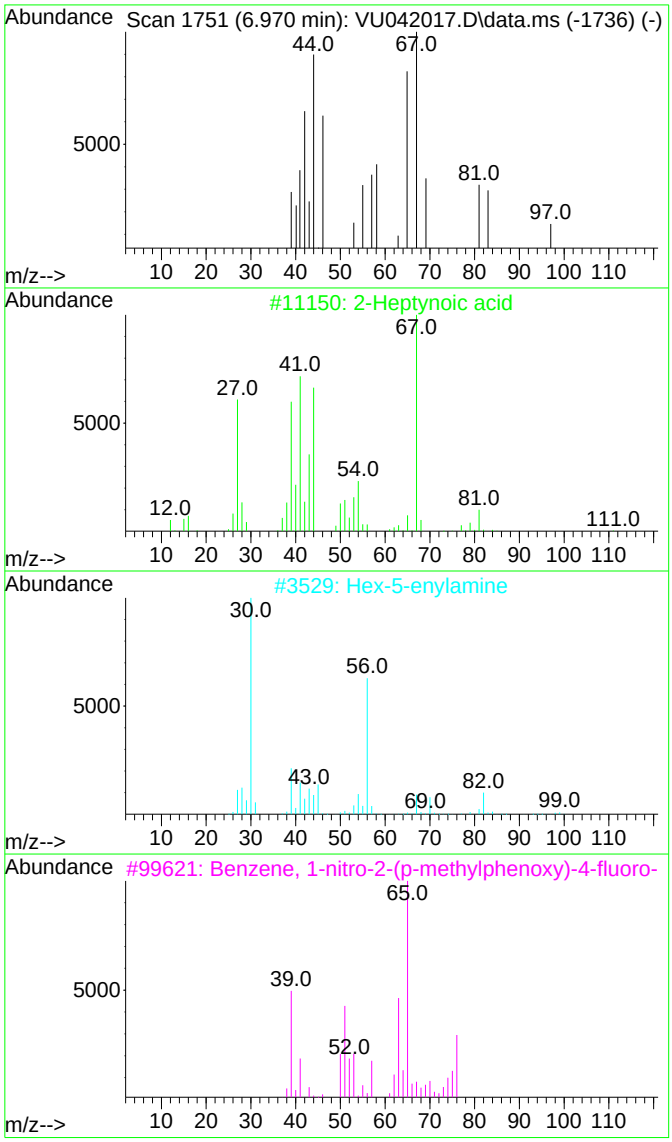
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

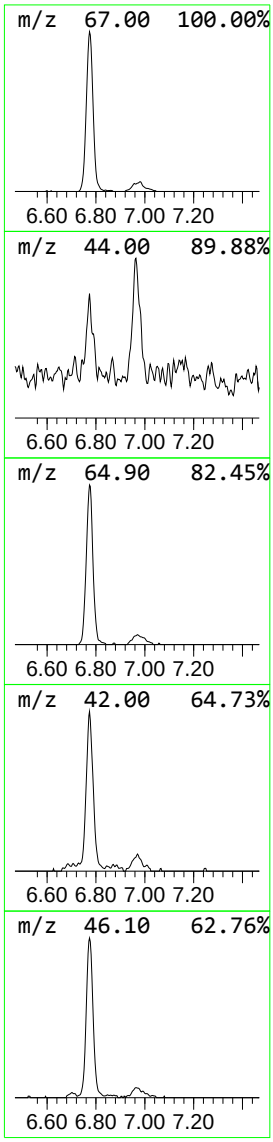
****

Peak Number 2 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.970	0.55 ug/L	26285	1,4-Difluorobenzene	6.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptynoic acid	126	C7H10O2	001483-67-6	9
2	Hex-5-enylamine	99	C6H13N	034825-70-2	9
3	Benzene, 1-nitro-2-(p-methylphen...	247	C13H10FNO3	028987-57-7	4
4	Urea, methyl-	74	C2H6N2O	000598-50-5	4
5	1,3-Propanediamine	74	C3H10N2	000109-76-2	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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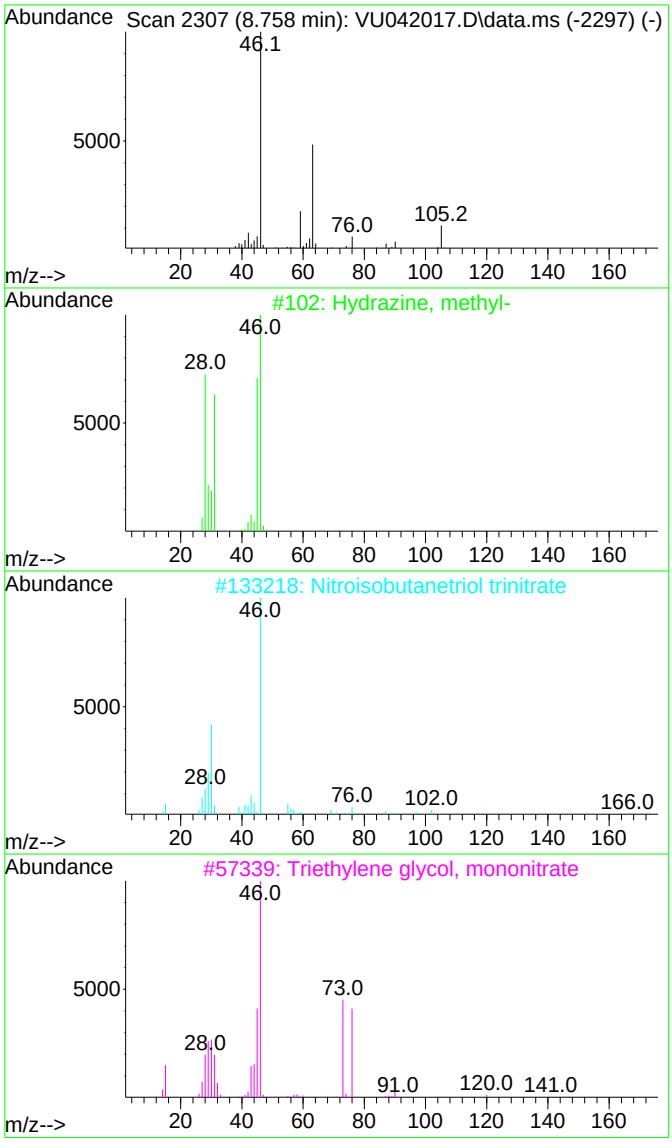
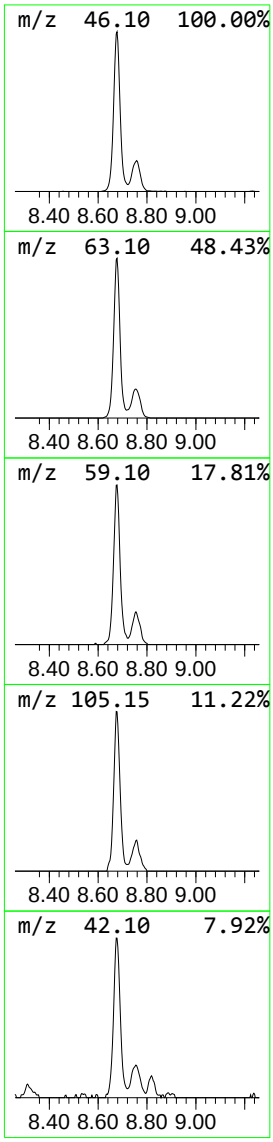
Peak Number 4 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.758	1.64 ug/L	94127	Chlorobenzene-d5	9.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, methyl-	46	CH6N2	000060-34-4	9
2	Nitroisobutanetriol trinitrate	286	C4H6N4O11	020820-44-4	9
3	Triethylene glycol, mononitrate	195	C6H13NO6	020600-87-7	9
4	1,2,3-Propanetriol, 1,3-dinitrate	182	C3H6N2O7	000623-87-0	8
5	Nitroglycerin	227	C3H5N3O9	000055-63-0	8





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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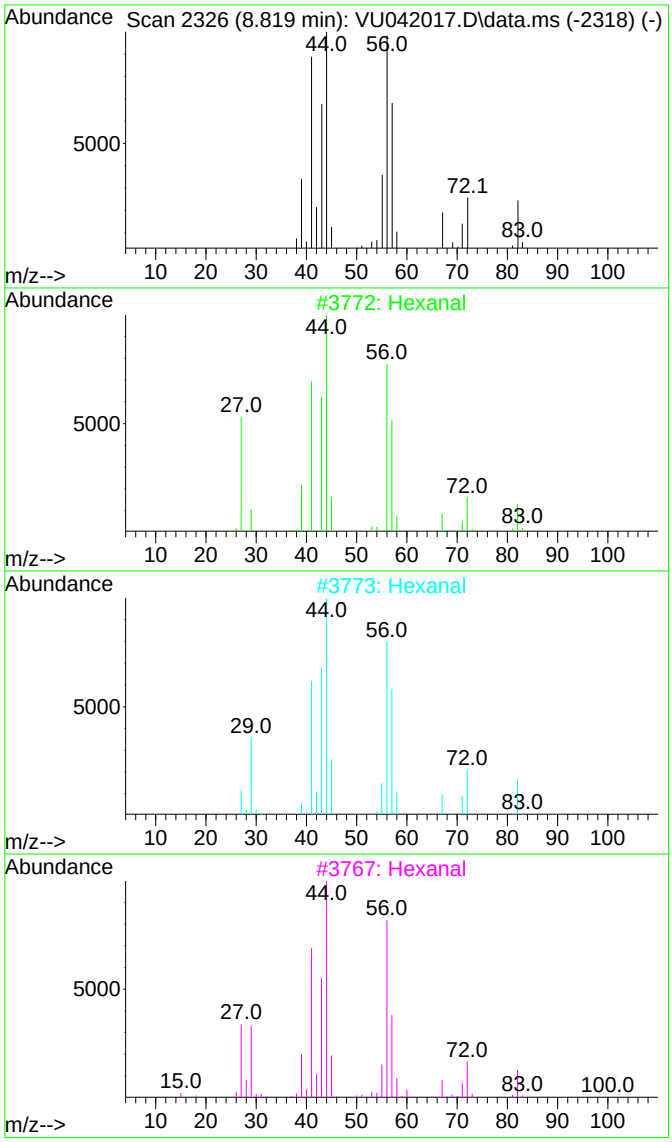
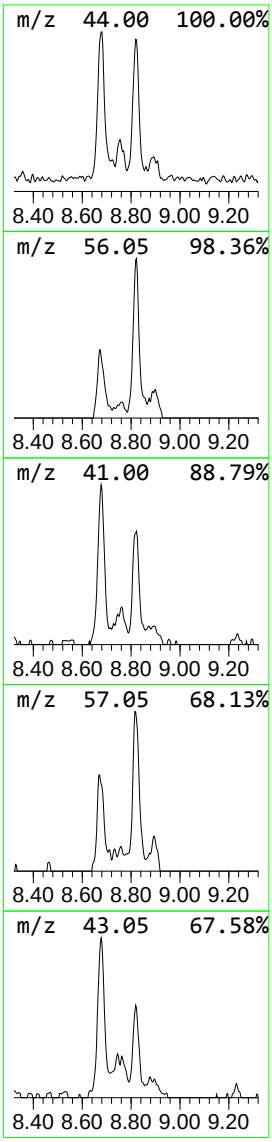
Peak Number 5 Hexanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.819	0.72 ug/L	41419	Chlorobenzene-d5	9.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	56
3	Hexanal	100	C6H12O	000066-25-1	50
4	Hexanal	100	C6H12O	000066-25-1	50
5	Glutaraldehyde	100	C5H8O2	000111-30-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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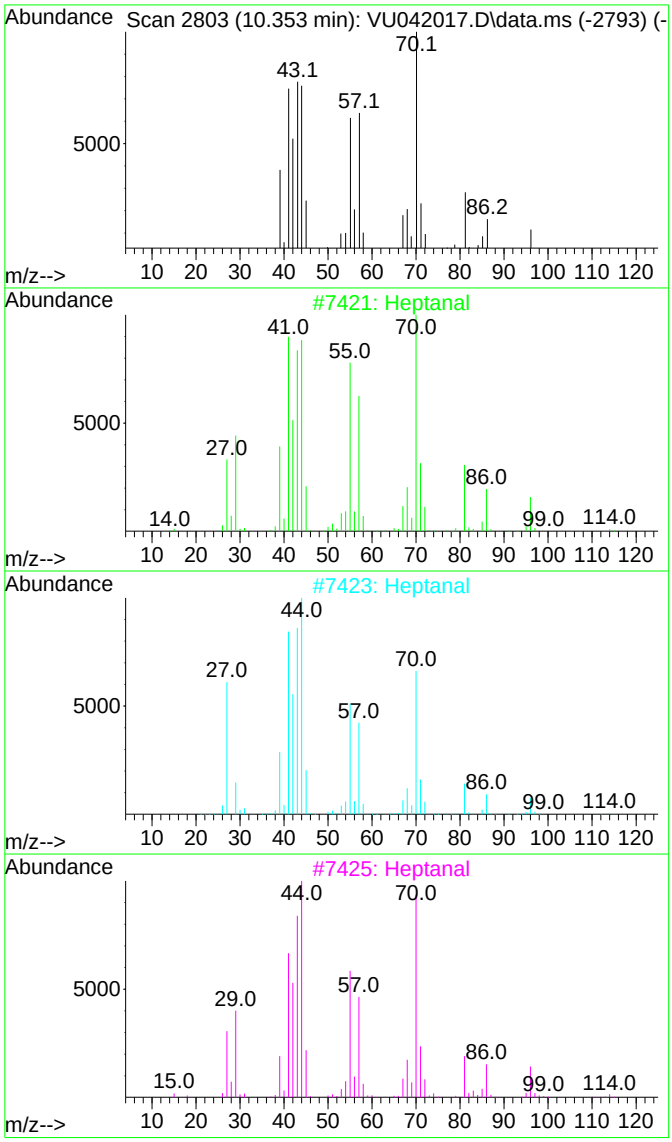
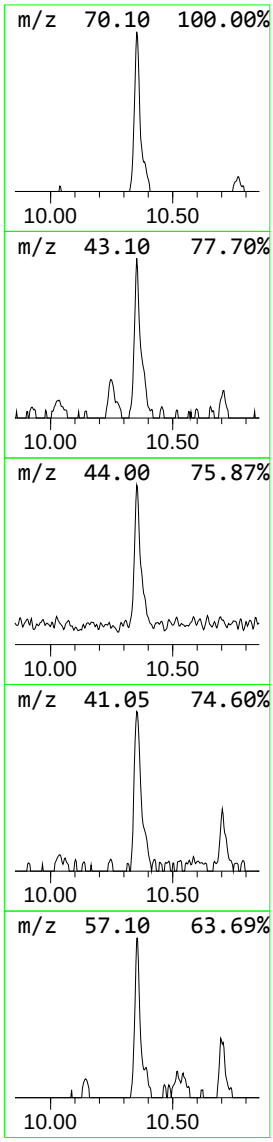
Peak Number 6 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.353	0.85 ug/L	48891	Chlorobenzene-d5	9.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	86
2	Heptanal	114	C7H14O	000111-71-7	78
3	Heptanal	114	C7H14O	000111-71-7	78
4	Heptanal	114	C7H14O	000111-71-7	64
5	Heptanal	114	C7H14O	000111-71-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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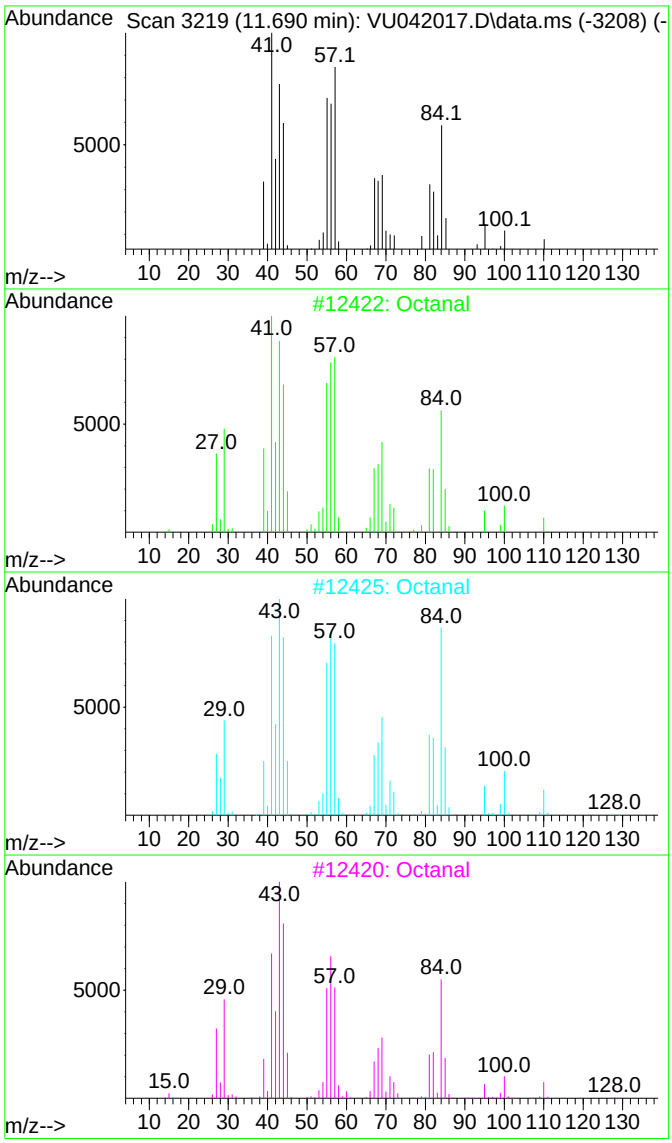
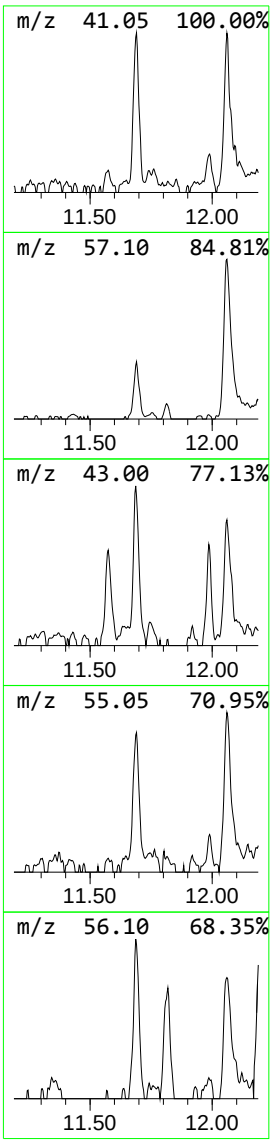
Peak Number 7 Octanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.690	0.85 ug/L	49656	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	80
3	Octanal	128	C8H16O	000124-13-0	78
4	Octanal	128	C8H16O	000124-13-0	56
5	3-Chlorohexane	120	C6H13Cl	002346-81-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

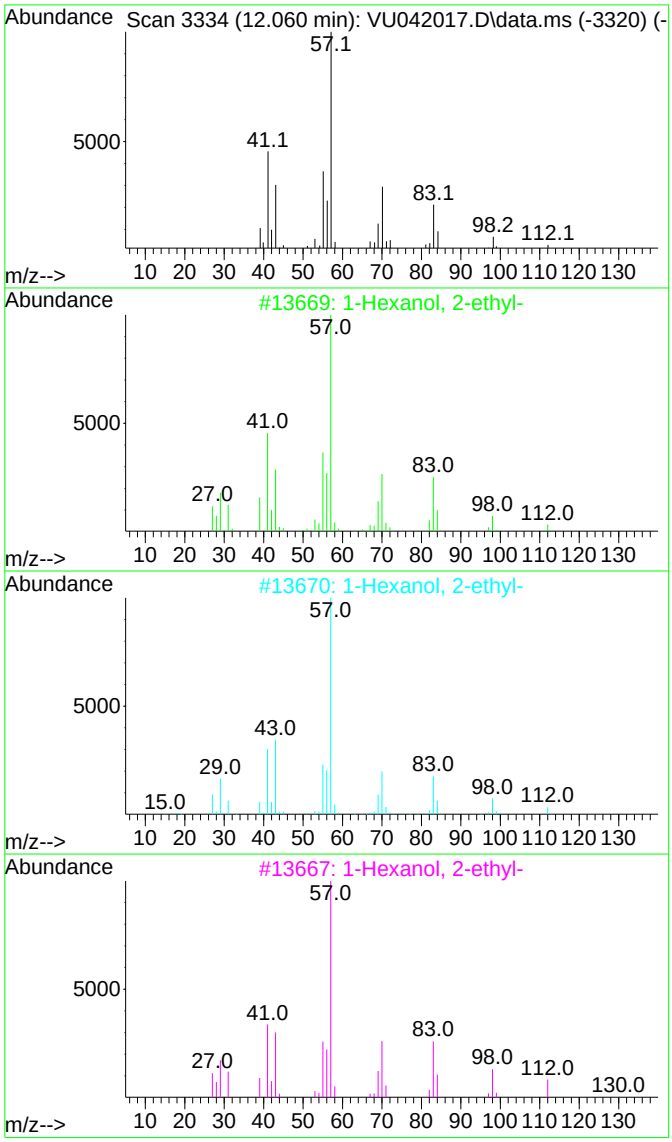
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

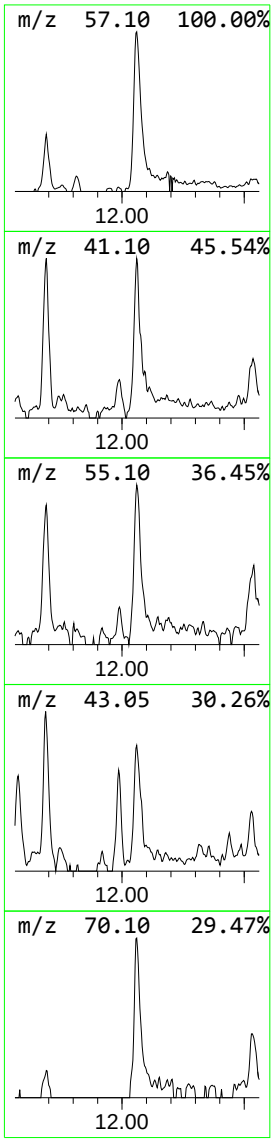
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	1.02 ug/L	59533	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

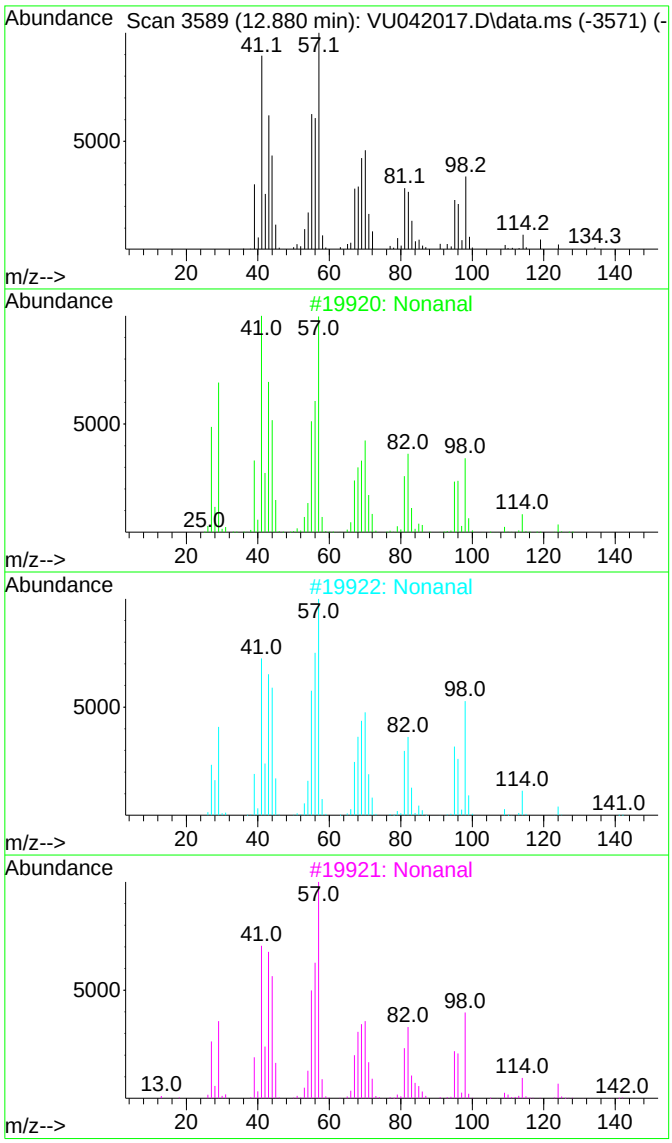
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

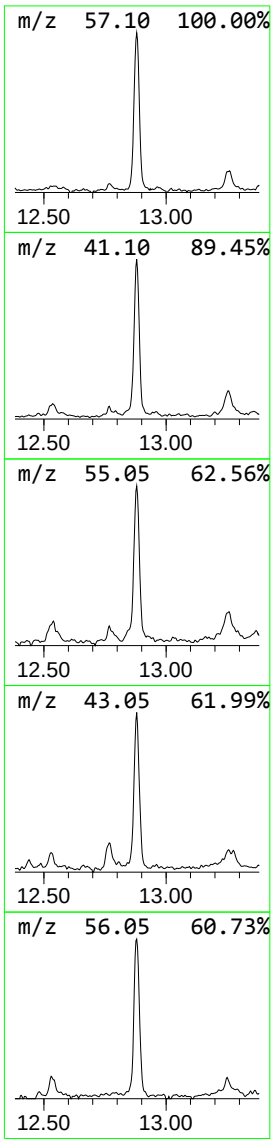
****

Peak Number 9 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	3.44 ug/L	199986	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	83
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	80
4	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	27
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	27





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Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

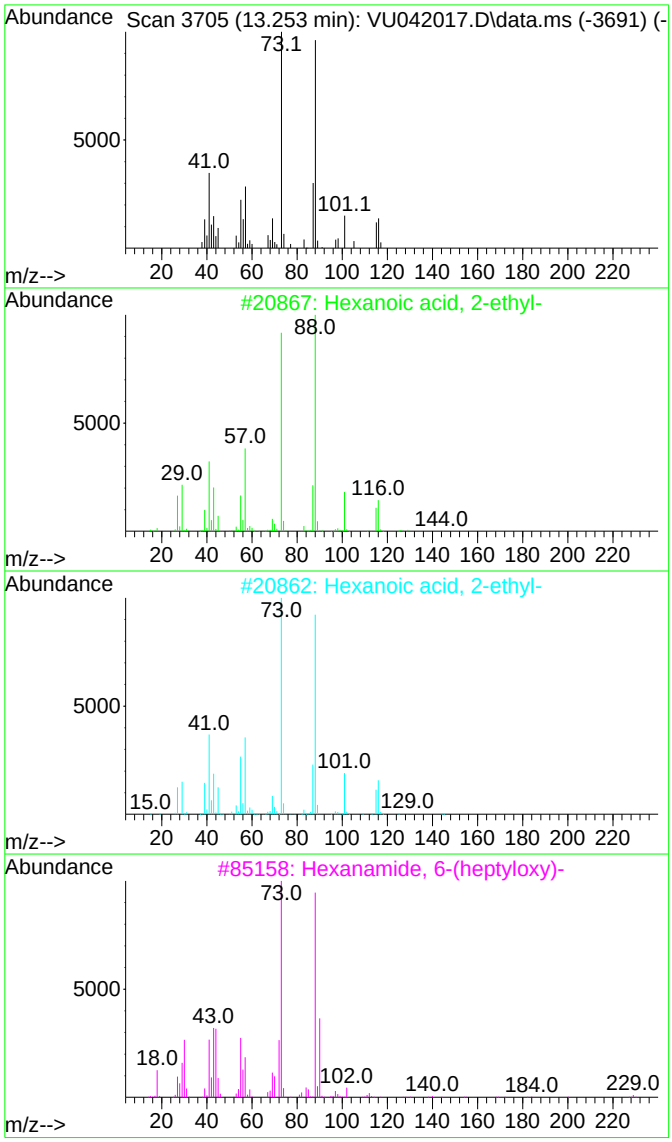
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

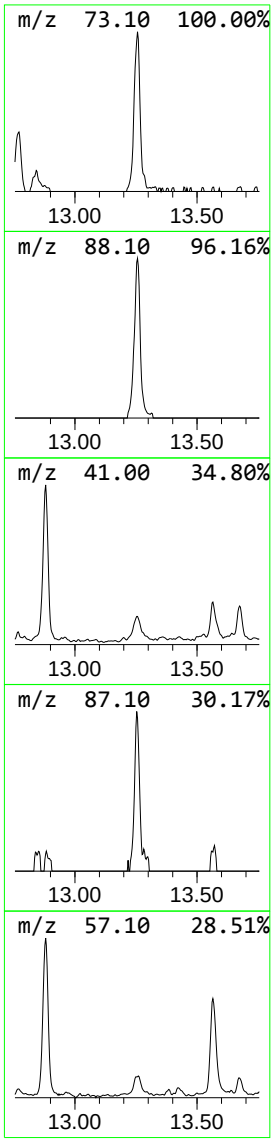
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.253	1.17 ug/L	67902	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	40
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	38





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Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

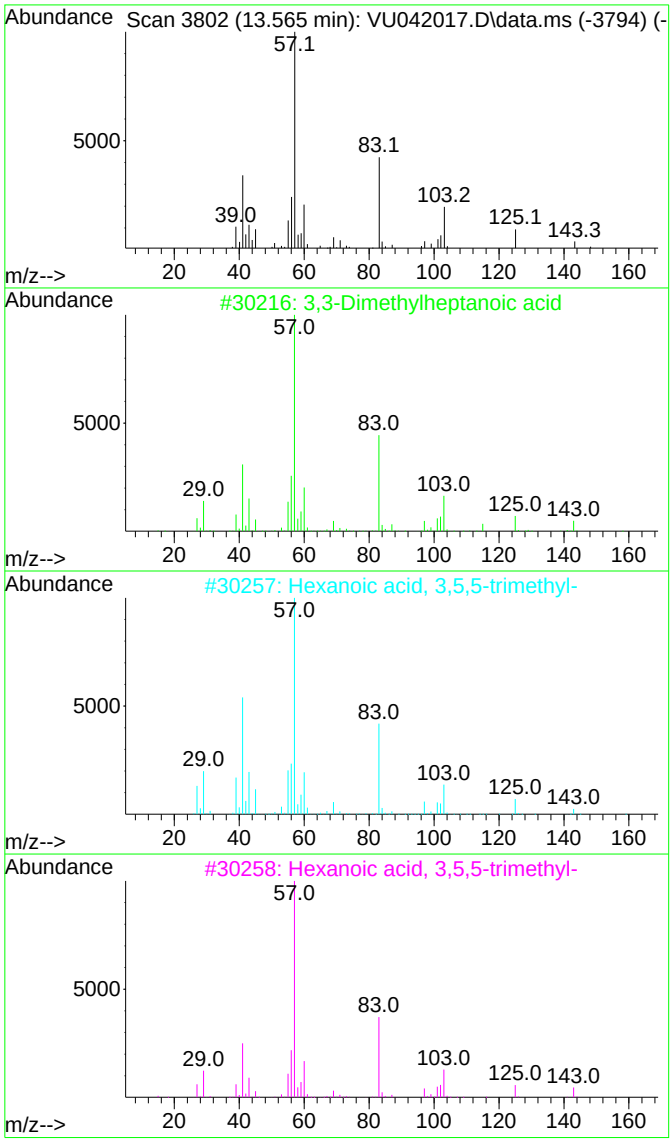
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

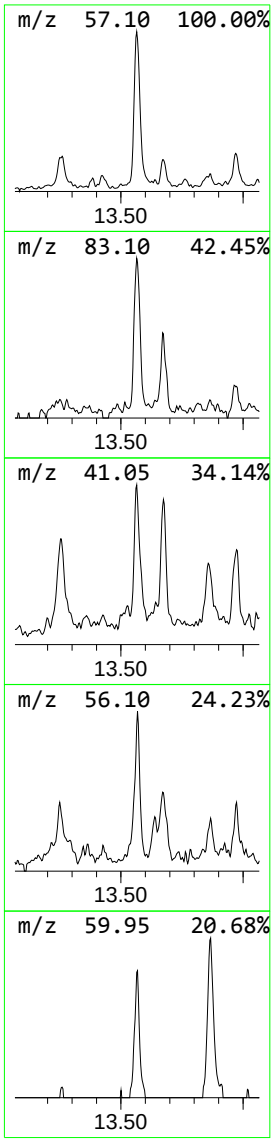
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3,3-Dimethylheptanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.565	0.82 ug/L	47452	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	86
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	78
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	78
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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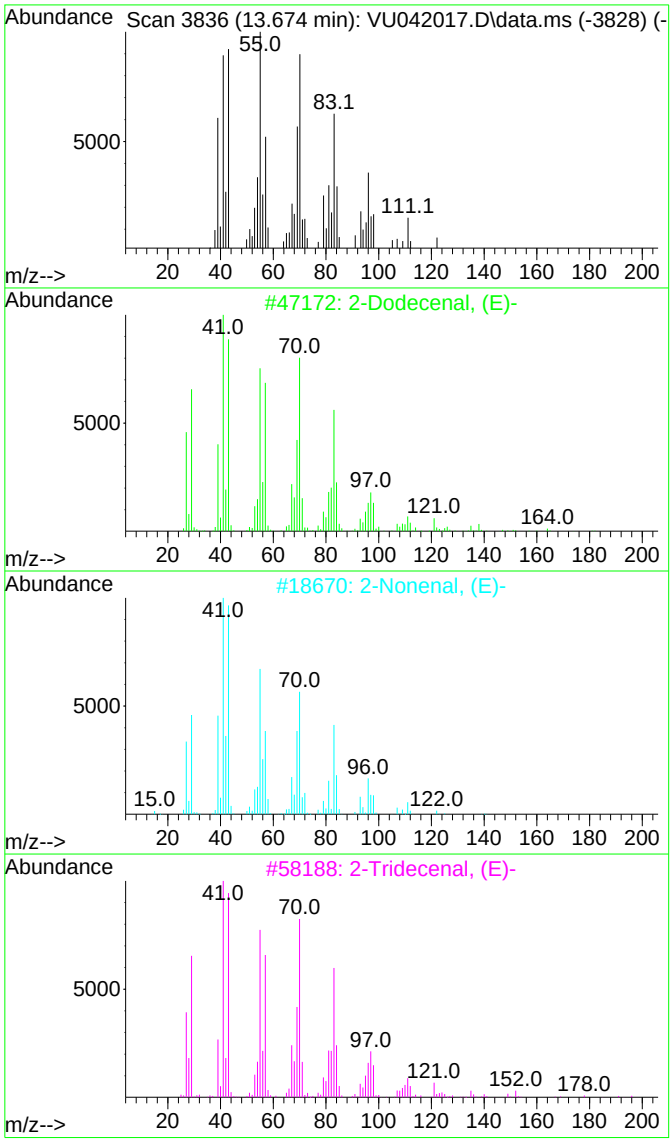
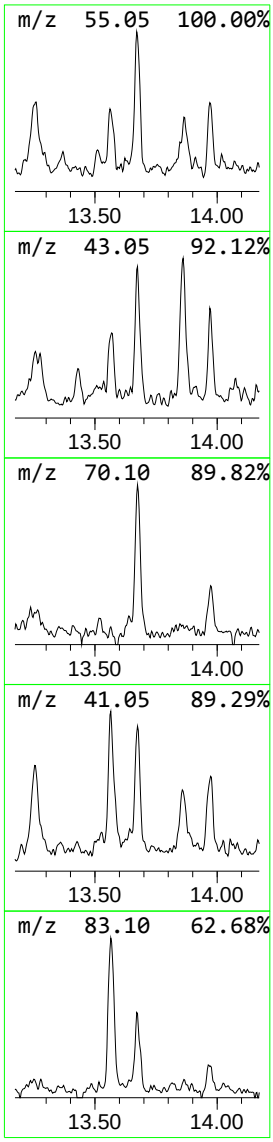
Peak Number 12 2-Dodecenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	0.81 ug/L	47146	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	72
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	72
3	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
4	2-Nonenal, (E)-	140	C9H16O	018829-56-6	50
5	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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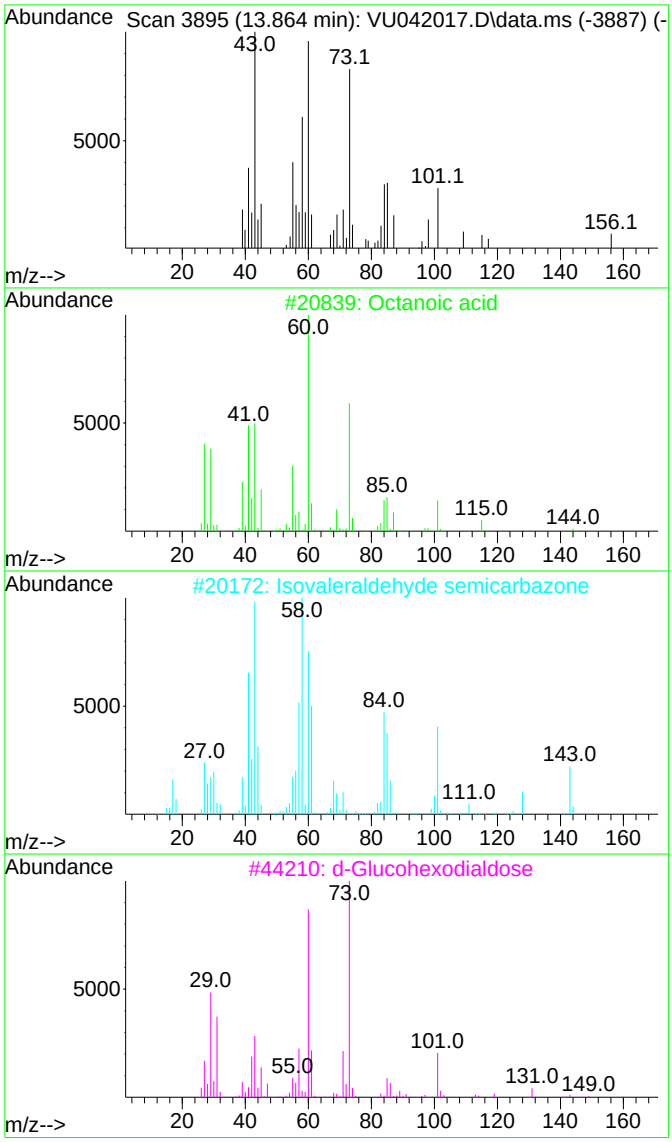
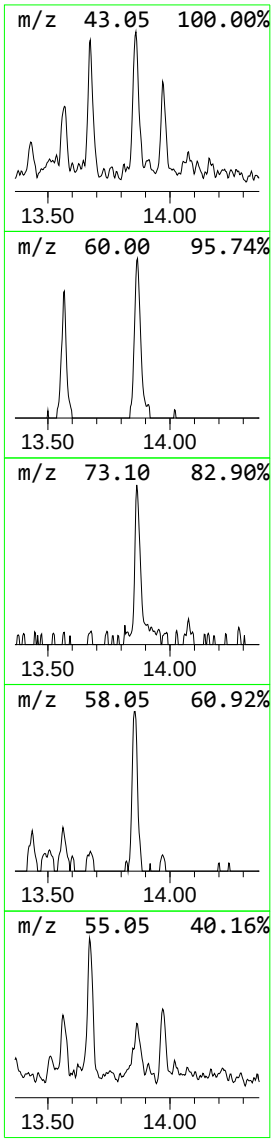
Peak Number 13 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.864	0.70 ug/L	40513	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	47
2	Isovaleraldehyde semicarbazone	143	C6H13N3O	1000242-25-7	38
3	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	38
4	Nonanoic acid	158	C9H18O2	000112-05-0	38
5	.alpha.-d-6,3-Furanose, methyl-....	192	C7H12O6	1000149-62-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT64

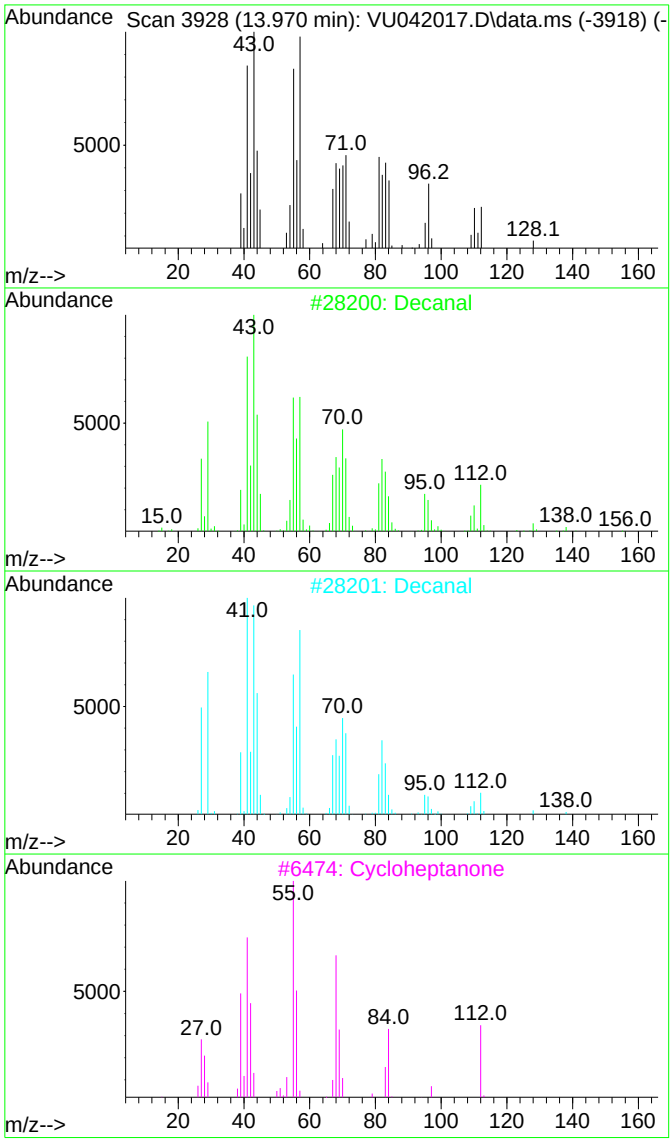
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

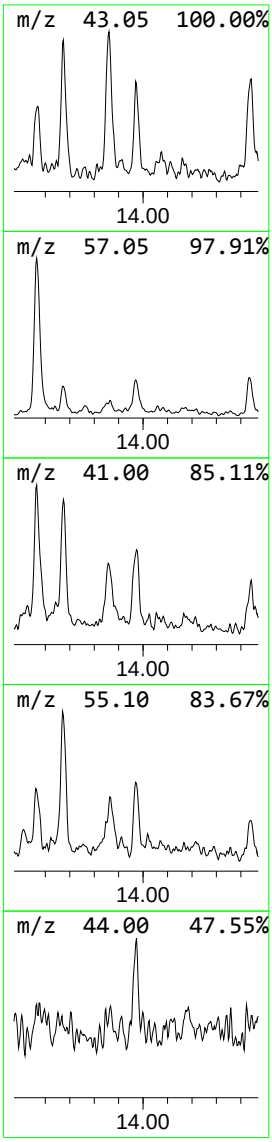
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Decanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	0.60 ug/L	34895	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	59
2	Decanal	156	C10H20O	000112-31-2	58
3	Cycloheptanone	112	C7H12O	000502-42-1	38
4	3-Octene, (E)-	112	C8H16	014919-01-8	30
5	3-Octene, (E)-	112	C8H16	014919-01-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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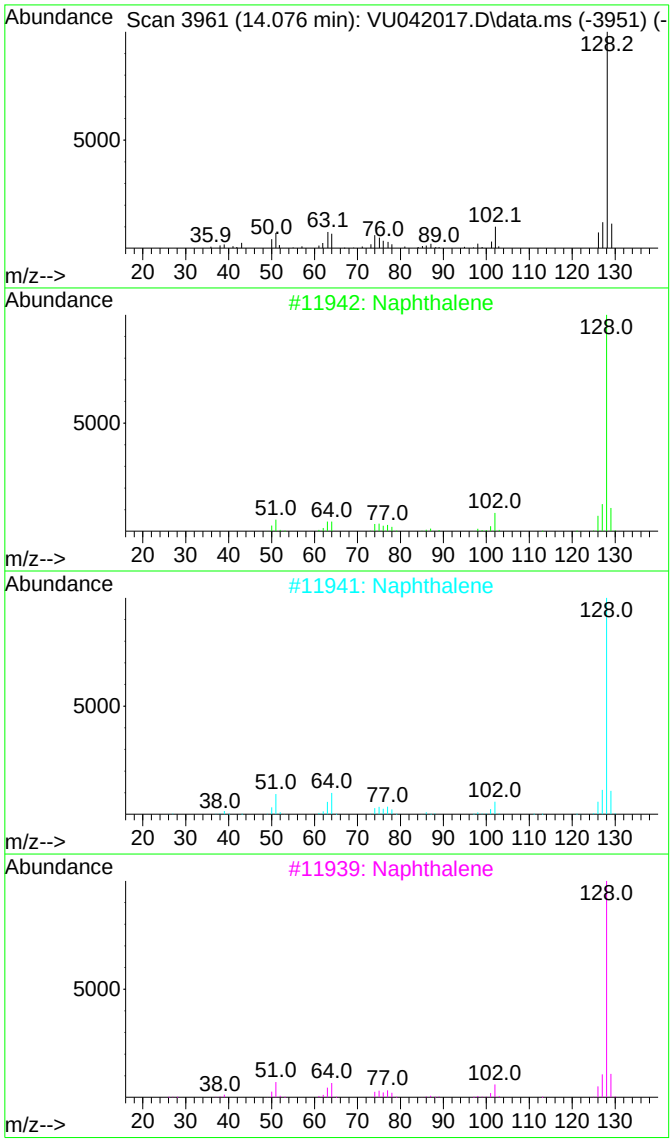
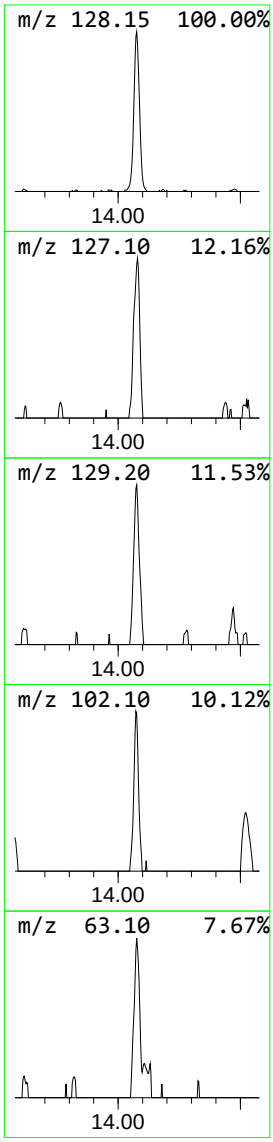
Peak Number 15 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.076	0.92 ug/L	53399	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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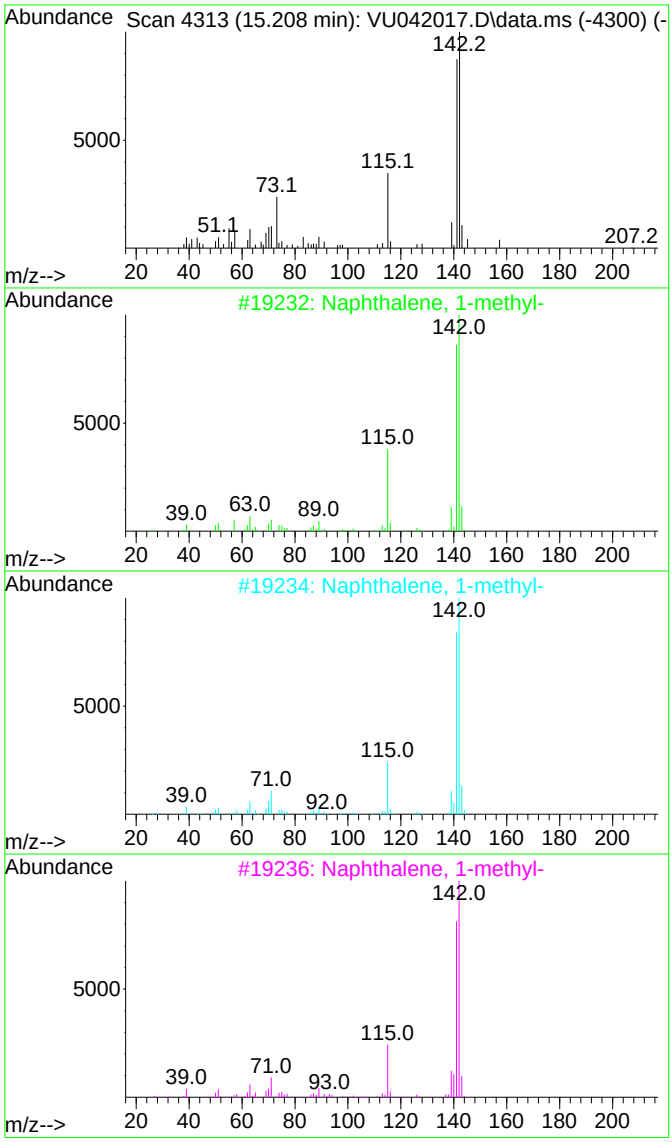
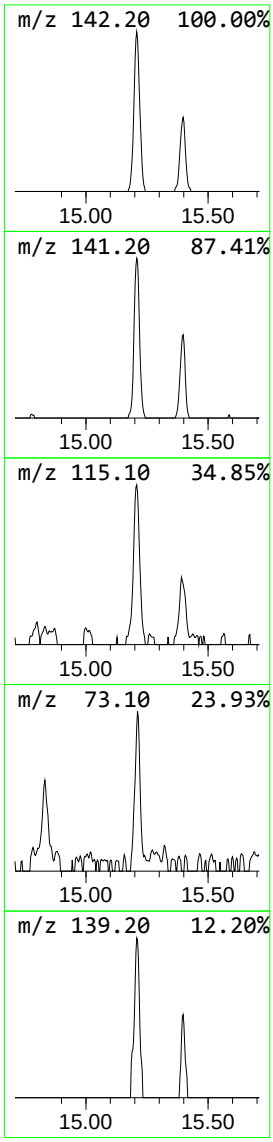
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	0.87 ug/L	50768	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042017.D
Acq On : 14 Jan 2021 06:16
Operator : SY/MD
Sample : M1129-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT64

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.507	0.6	ug/L	28711	1	6.343	237344	5.0
unknown-02	6.970	0.6	ug/L	26285	1	6.343	237344	5.0
unknown-03	8.758	1.6	ug/L	94127	2	9.440	286575	5.0
Hexanal	8.819	0.7	ug/L	41419	2	9.440	286575	5.0
Heptanal	10.353	0.8	ug/L	48891	2	9.440	286575	5.0
Octanal	11.690	0.8	ug/L	49656	3	11.816	290814	5.0
1-Hexanol, 2-et...	12.060	1.0	ug/L	59533	3	11.816	290814	5.0
Nonanal	12.880	3.4	ug/L	199986	3	11.816	290814	5.0
Hexanoic acid, ...	13.253	1.2	ug/L	67902	3	11.816	290814	5.0
3,3-Dimethylhep...	13.565	0.8	ug/L	47452	3	11.816	290814	5.0
2-Dodecenal, (E)-	13.674	0.8	ug/L	47146	3	11.816	290814	5.0
unknown-04	13.864	0.7	ug/L	40513	3	11.816	290814	5.0
Decanal	13.970	0.6	ug/L	34895	3	11.816	290814	5.0
Azulene	14.076	0.9	ug/L	53399	3	11.816	290814	5.0
Naphthalene, 1-...	15.208	0.9	ug/L	50768	3	11.816	290814	5.0