LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

Signal : TIC: VU048324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.356	3	5	25	rVB2	46320463	41760846	99.71%	24.881%
2	1.433	25	29	36	rVB	67243	64713	0.15%	0.039%
3	1.482	37	44	58	rVB4	37267	67951	0.16%	0.040%
4	1.600	72	81	97	rBV2	269092	388889	0.93%	0.232%
5	1.890	164	171	188	rVB	137311	211170	0.50%	0.126%
6	2.375	314	322	329	rBV	65581	92314	0.22%	0.055%
7	2.469	341	351	360	rBV2	101879	188237	0.45%	0.112%
8	2.562	370	380	392	rVB	367192	586707	1.40%	0.350%
9	2.626	392	400	407	rVV	27774	44923	0.11%	0.027%
10	2.681	407	417	435	rVB	200165	362429	0.87%	0.216%
11	2.790	443	451	472	rVB2	32544	64090	0.15%	0.038%
12	3.134	549	558	568	rBV	28683	52244	0.12%	0.031%
13	3.231	577	588	608	rVB3	86442	189361	0.45%	0.113%
14	3.443	643	654	673	rVB	64820	132661	0.32%	0.079%
15	3.694	723	732	750	rVB4	14734	33950	0.08%	0.020%
16	3.867	764	786	799	rBV3	10162	34107	0.08%	0.020%
17	3.993	809	825	843	rBV4	38649	104241	0.25%	0.062%
18	4.253	893	906	922	rVB5	16118	38657	0.09%	0.023%
19	4.562	978	1002	1010	rBV3	105067	291561	0.70%	0.174%
20	4.620	1010	1020	1039	rVV	232939	620969	1.48%	0.370%
21	4.703	1039	1046	1066	rVB	37755	89932	0.21%	0.054%
22	5.063	1127	1158	1185	rBV	332225	771176	1.84%	0.459%
23	5.385	1236	1258	1271	rVV7	29051	78183	0.19%	0.047%
24	5.774	1341	1379	1409	rBV	15282264	32503400	77.61%	19.365%
25	5.967	1430	1439	1446	rBV4	26187	51440	0.12%	0.031%
26	6.018	1447	1455	1476	rVB	70645	146980	0.35%	0.088%
27	6.153	1483	1497	1512	rBV2	28179	65533	0.16%	0.039%
28	6.250	1513	1527	1553	rVB	470437	894856	2.14%	0.533%
29	6.468	1583	1595	1602	rBV	203239	365220	0.87%	0.218%
30	6.533	1603	1615	1642	rVV7	220735	784367	1.87%	0.467%
31	6.690	1651	1664	1676	rVV	420934	820874	1.96%	0.489%
32	6.771	1676	1689	1709	rVV4	249336	612747	1.46%	0.365%
33	6.922	1726	1736	1746	rBV2	34548	62208	0.15%	0.037%
34	6.996	1746	1759	1777	rVB	221736	435790	1.04%	0.260%
35	7.343	1859	1867	1881	rVB3	23008	41323	0.10%	0.025%
36	7.491	1889	1913	1926	rBV	2574777	4616649	11.02%	2.751%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

37	7.565	1927	1936	1955	rVB	272079	515536	1.23%	0.307%
38	7.796	1998	2008	2023	rBV2	55529	135617	0.32%	0.081%
39	7.896	2027	2039	2050	rBV	925780	1598723	3.82%	0.952%
40	7.973	2050	2063	2078	rVV3	4674726	9244396	22.07%	5.508%
41	8.050	2081	2087	2098	rVB3	131198	238054	0.57%	0.142%
42	8.179	2113	2127	2141	rBV2	228526	396264	0.95%	0.236%
43	8.356	2170	2182	2210	rVB	1341387	2342517	5.59%	1.396%
44	8.488	2213	2223	2233	rBV3	22947	46267	0.11%	0.028%
45	8.574	2234	2250	2260	rBV	1371201	2367489	5.65%	1.411%
46	8.636	2260	2269	2281	rVB	774934	1265286	3.02%	0.754%
47	8.777	2298	2313	2333	rVB3	189581	368104	0.88%	0.219%
48	9.015	2374	2387	2407	rBV	806063	1377157	3.29%	0.820%
49	9.169	2425	2435	2449	rBV	49512	93134	0.22%	0.055%
50	9.243	2449	2458	2464	rBV	36197	59106	0.14%	0.035%
51	9.362	2480	2495	2502	rBV7	71232	128906	0.31%	0.077%
52	9.449	2502	2522	2545	rVV	24807000	41881035	100.00%	24.952%
53	9.555	2545	2555	2578	rVV2	224386	653418	1.56%	0.389%
54	9.693	2579	2598	2614	rVB	242064	500782	1.20%	0.298%
55	9.915	2658	2667	2692	rBV	145961	327424	0.78%	0.195%
56	10.099	2713	2724	2747	rVB2	180422	340845	0.81%	0.203%
57	10.224	2753	2763	2775	rBV5	19938	41884	0.10%	0.025%
58	10.365	2792	2807	2815	rBV2	61313	128995	0.31%	0.077%
59	10.484	2835	2844	2853	rVB2	22918	42443	0.10%	0.025%
60	10.542	2853	2862	2880	rVB2	93650	178920	0.43%	0.107%
61	10.648	2883	2895	2916	rBV	404565	700319	1.67%	0.417%
62	10.758	2917	2929	2954	rVB2	793590	1828893	4.37%	1.090%
63	10.928	2968	2982	2987	rBV5	46247	93100	0.22%	0.055%
64	10.980	2987	2998	3017	rVB3	312012	690348	1.65%	0.411%
65	11.098	3017	3035	3055	rVB2	196434	410619	0.98%	0.245%
66	11.250	3071	3082	3089	rBV	149092	250690	0.60%	0.149%
67	11.375	3113	3121	3128	rBV4	28291	40171	0.10%	0.024%
68	11.468	3139	3150	3157	rBV	85175	135426	0.32%	0.081%
69	11.510	3157	3163	3177	rVB4	61980	106342	0.25%	0.063%
70	11.587	3177	3187	3197	rBV	106512	188322	0.45%	0.112%
71	11.677	3209	3215	3223	rVB	28603	39395	0.09%	0.023%
72	11.748	3224	3237	3247	rBV	382810	650438	1.55%	0.388%
73	11.812	3247	3257	3269	rVV	895038	1435178	3.43%	0.855%
74	11.880	3269	3278	3295	rVB2	339951	642162	1.53%	0.383%
75	11.951	3296	3300	3313	rVB8	24213	39563	0.09%	0.024%
76	12.063	3328	3335	3340	rBV2	38119	57387	0.14%	0.034%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

77	12.198	3364	3377	3397	rVB3	1355989	2850671	6.81%	1.698%
78	12.298	3399	3408	3421	rVV7	49378	101067	0.24%	0.060%
79	12.391	3424	3437	3449	rVB3	41249	103525	0.25%	0.062%
80	12.465	3449	3460	3483	rBV8	26106	77399	0.18%	0.046%
81	12.680	3517	3527	3548	rVB2	155619	291198	0.70%	0.173%
82	12.963	3600	3615	3627	rBV5	116003	289034	0.69%	0.172%
83	13.024	3627	3634	3649	rVB	26531	43751	0.10%	0.026%
84	13.105	3651	3659	3665	rVV2	31967	48145	0.11%	0.029%
85	13.150	3666	3673	3684	rVB4	47854	81232	0.19%	0.048%
86	13.375	3737	3743	3752	rVB2	76660	113451	0.27%	0.068%
87	13.449	3760	3766	3775	rVB3	35419	53203	0.13%	0.032%
88	13.622	3813	3820	3830	rVB2	24033	39100	0.09%	0.023%
89	13.741	3843	3857	3862	rBV2	93243	165448	0.40%	0.099%
90	14.044	3940	3951	3958	rBV	170570	267423	0.64%	0.159%
91	14.085	3959	3964	3981	rVB	67037	106239	0.25%	0.063%
92	14.185	3987	3995	4012	rVB9	20630	59770	0.14%	0.036%
93	14.291	4019	4028	4041	rVV8	22408	45572	0.11%	0.027%
94	14.430	4060	4071	4078	rVV2	37689	57701	0.14%	0.034%
95	14.494	4078	4091	4112	rVV	1830573	2896916	6.92%	1.726%
96	14.594	4113	4122	4139	rVV3	30285	76270	0.18%	0.045%
97	15.224	4310	4318	4328	rVB	27511	40596	0.10%	0.024%
98	15.410	4366	4376	4387	rVV	75710	123733	0.30%	0.074%
99	15.545	4401	4418	4433	rBV	385549	623499	1.49%	0.371%
100	16.092	4579	4588	4600	rBV2	25136	39309	0.09%	0.023%

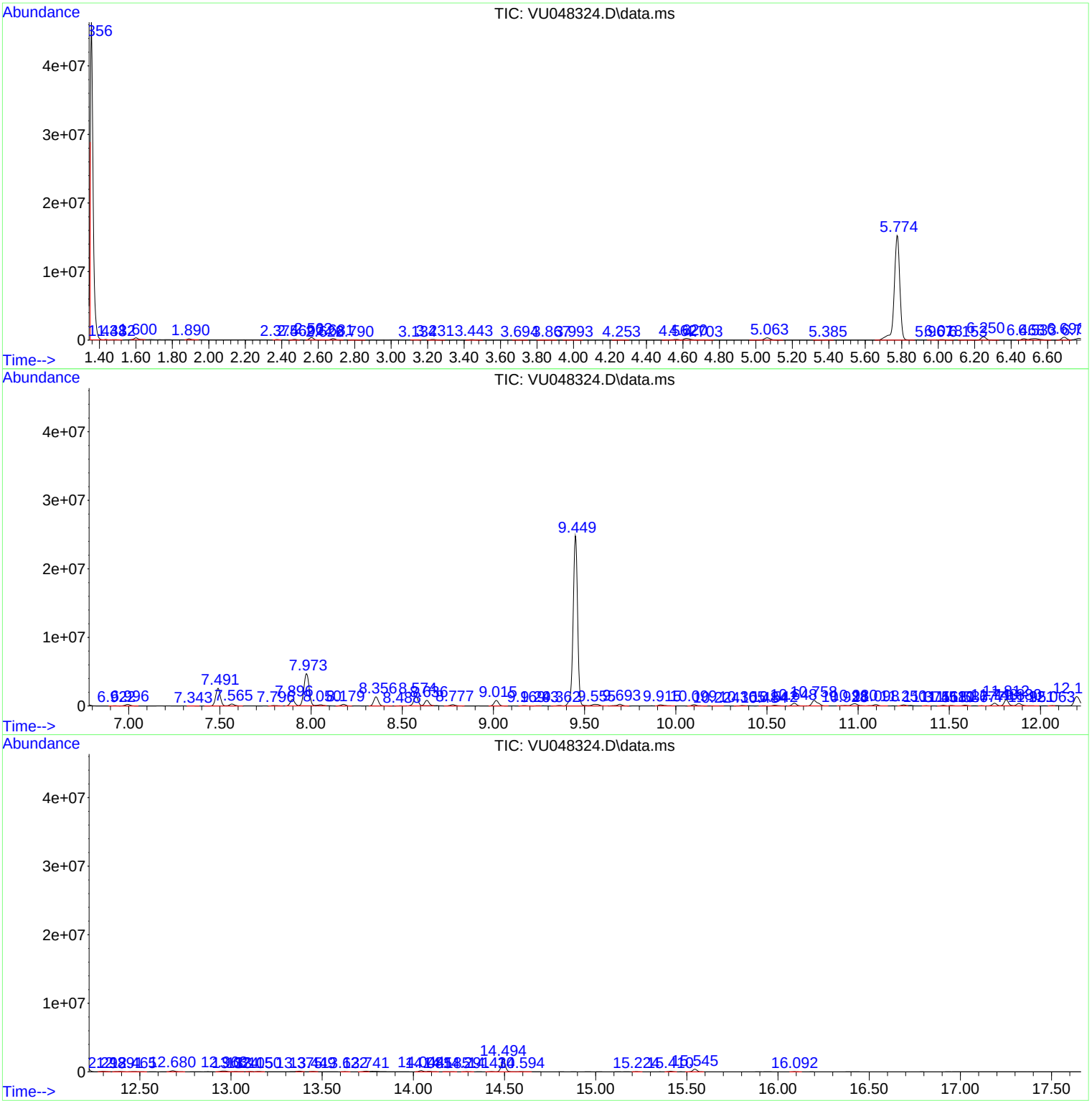
Sum of corrected areas: 167845605

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

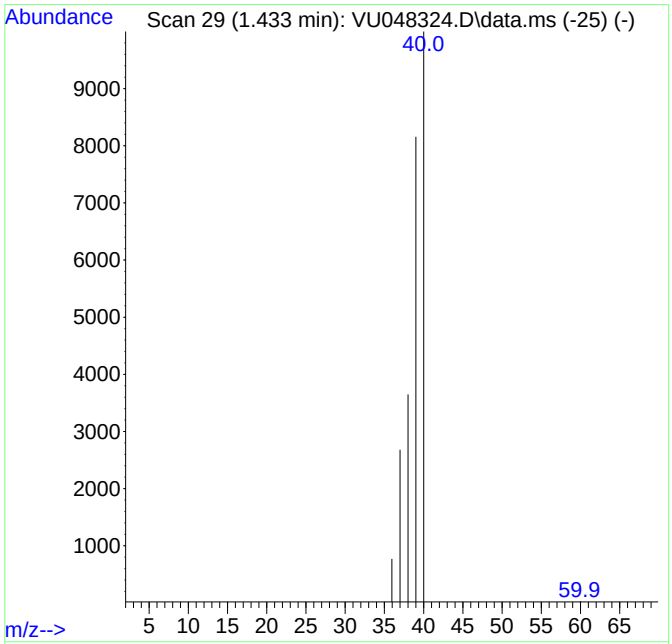
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

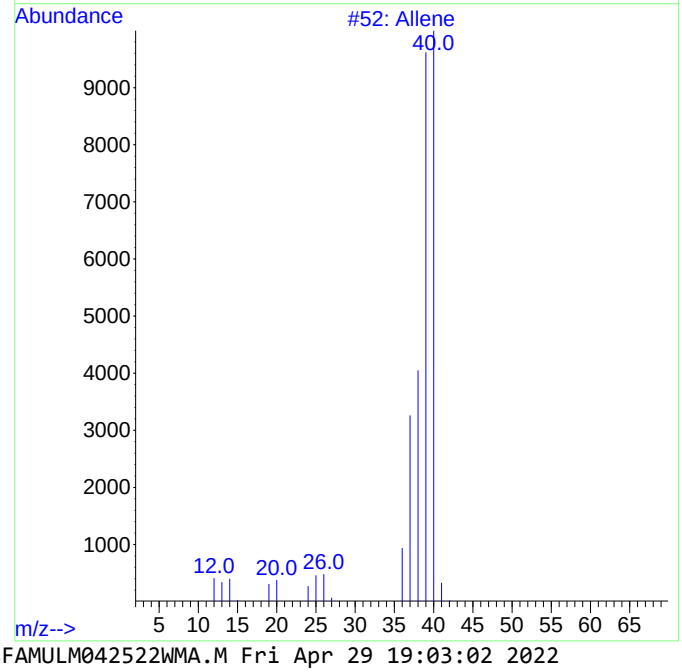
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

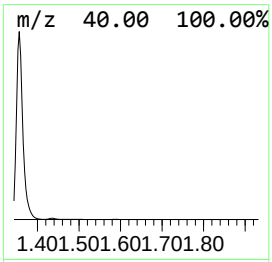
****
Peak Number 1 Allene Concentration Rank 30

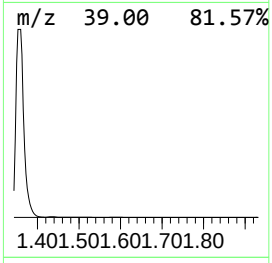
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.433	3.62 ug/L	64713	1,4-Difluorobenzene	6.250

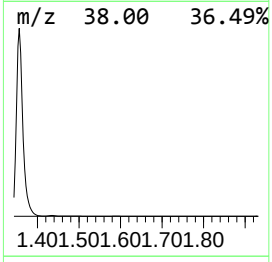
Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	90

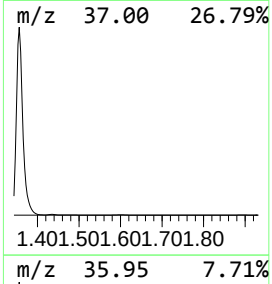


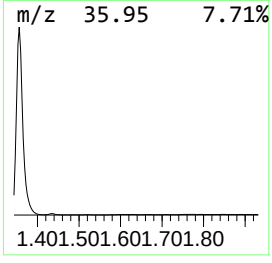












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

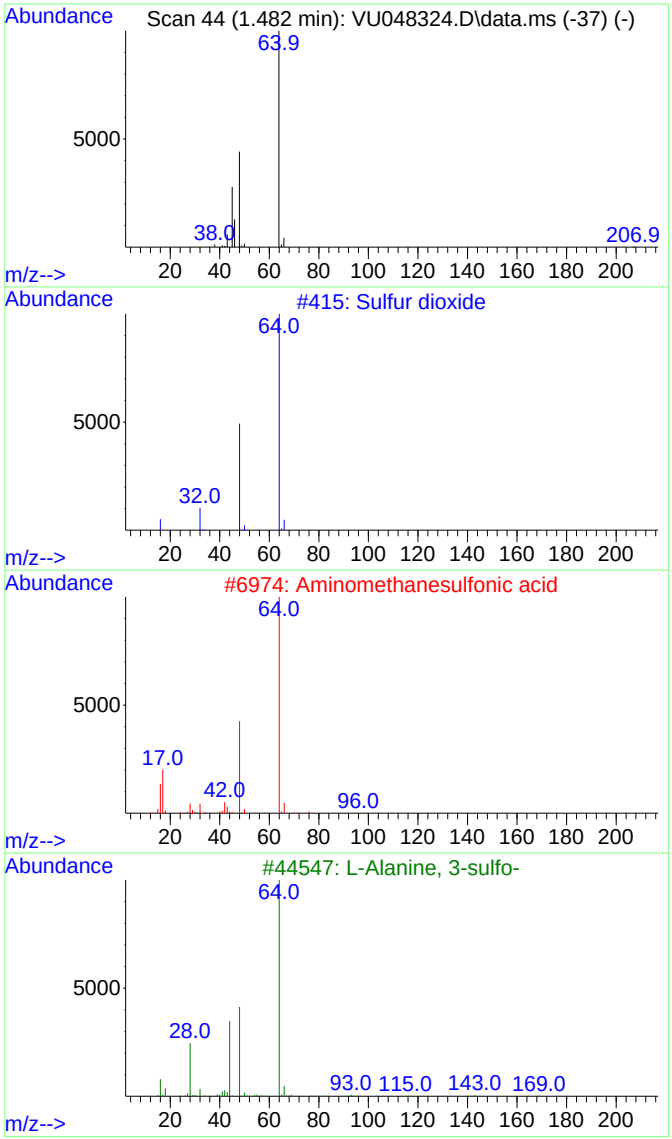
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

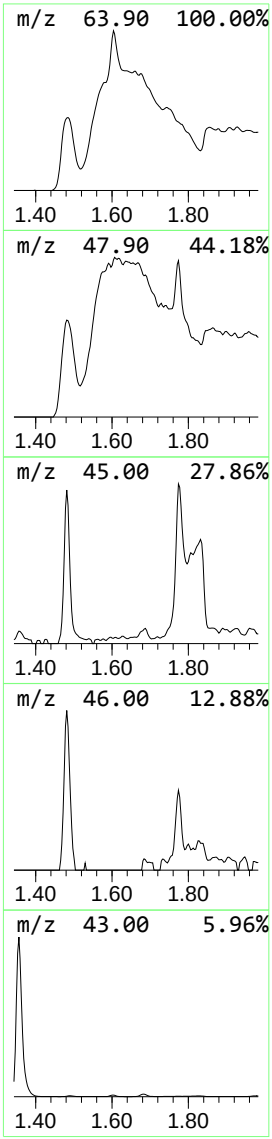
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfur dioxide Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.482	3.80 ug/L	67951	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	86
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

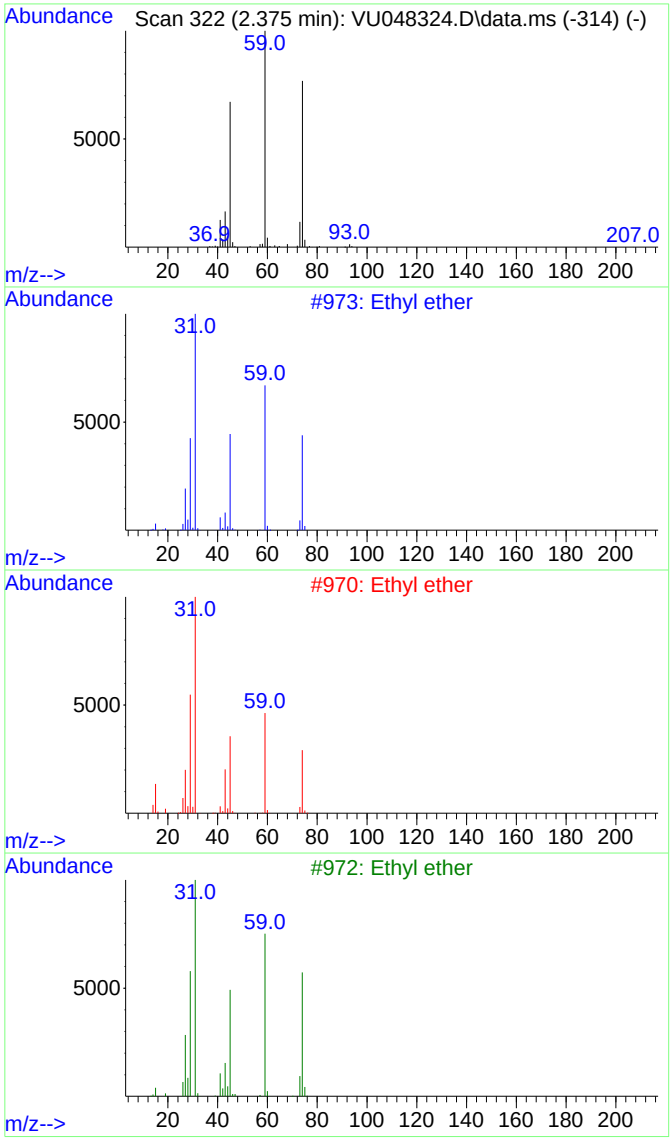
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

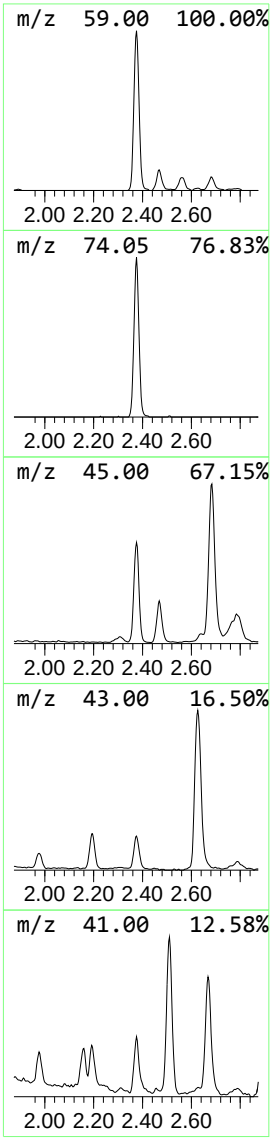
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethyl ether Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	5.16 ug/L	92314	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	72
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

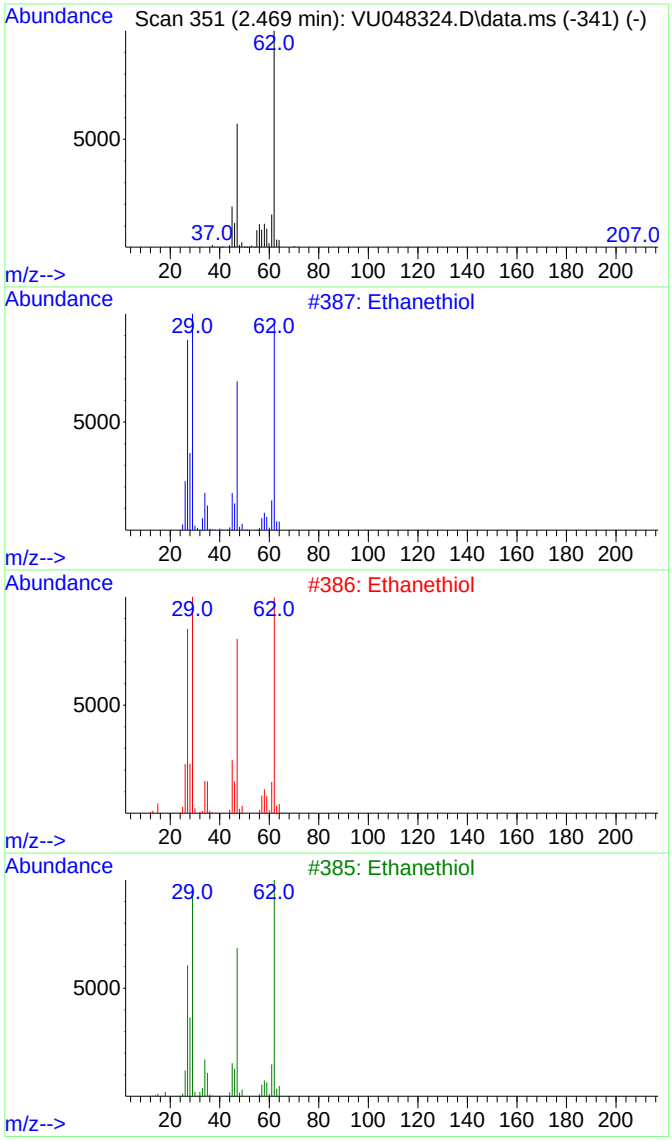
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

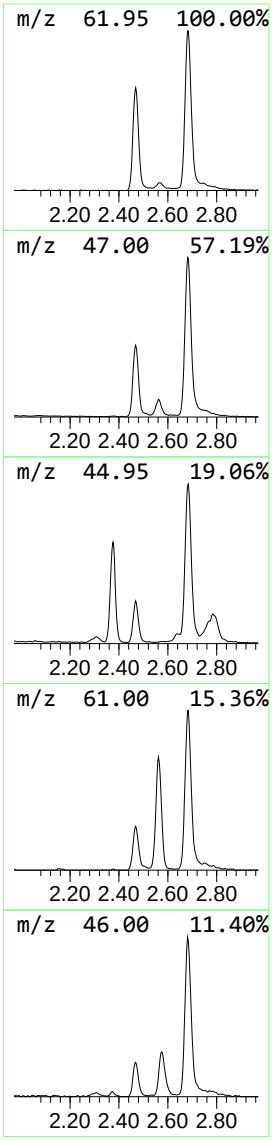
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanethiol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.469	10.52 ug/L	188237	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	90
4	Ethanethiol	62	C2H6S	000075-08-1	86
5	Ethanethiol	62	C2H6S	000075-08-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

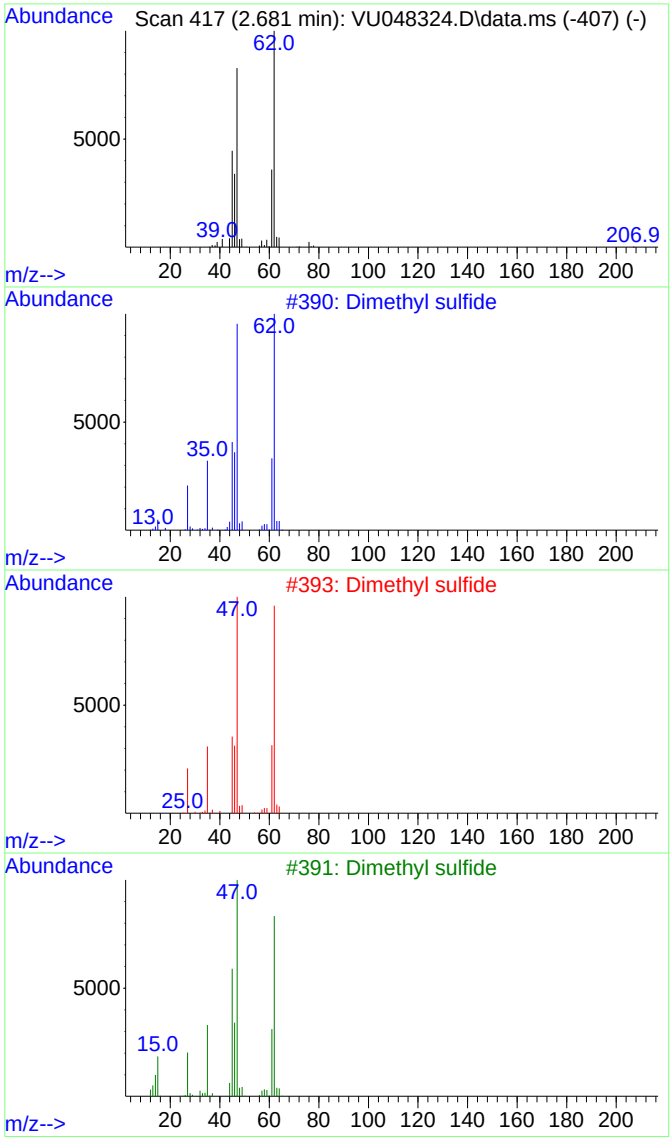
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

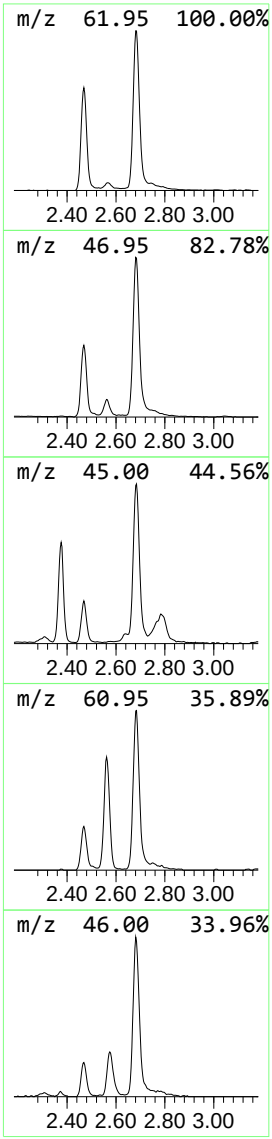
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dimethyl sulfide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.681	20.25 ug/L	362429	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

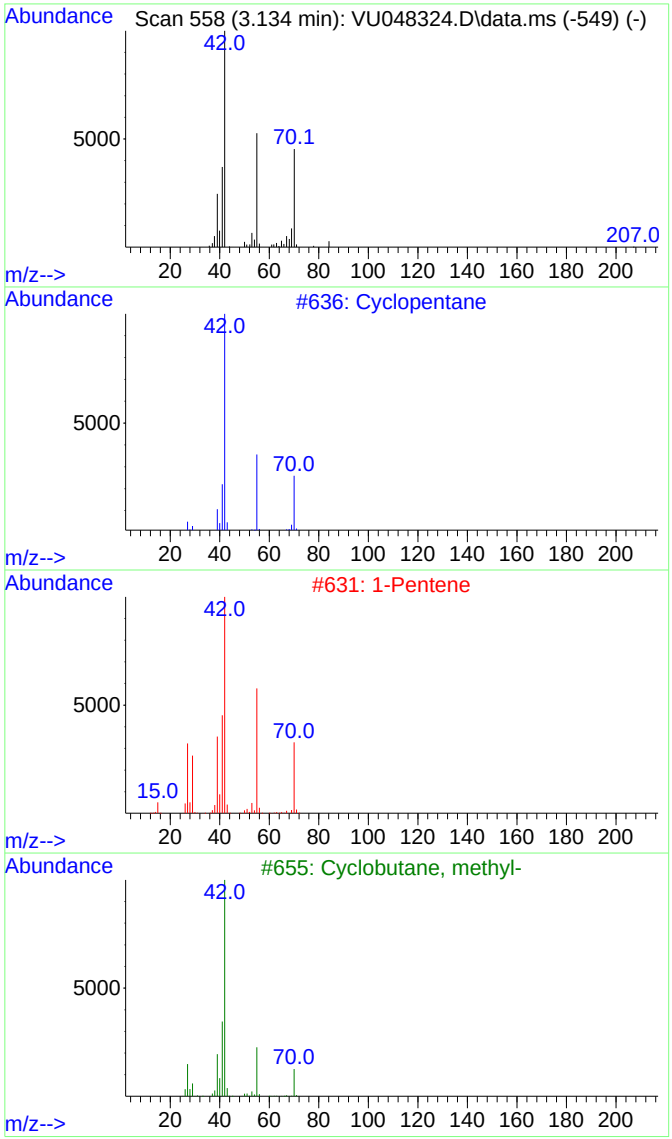
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

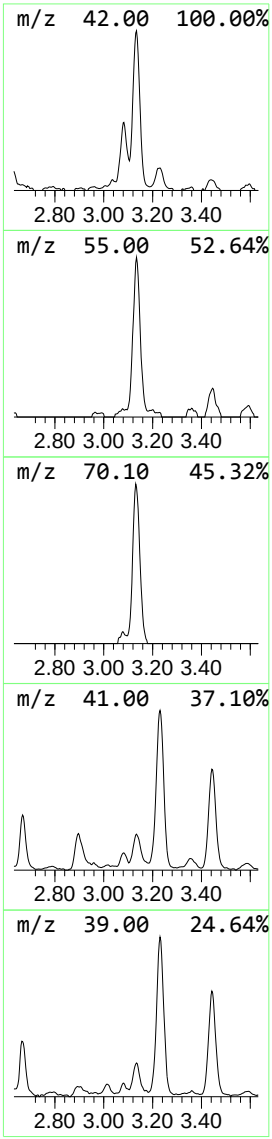
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.134 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	2.92 ug/L	52244	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	64
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	1-Pentene	70	C5H10	000109-67-1	50
5	2-Pentene, (E)-	70	C5H10	000646-04-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

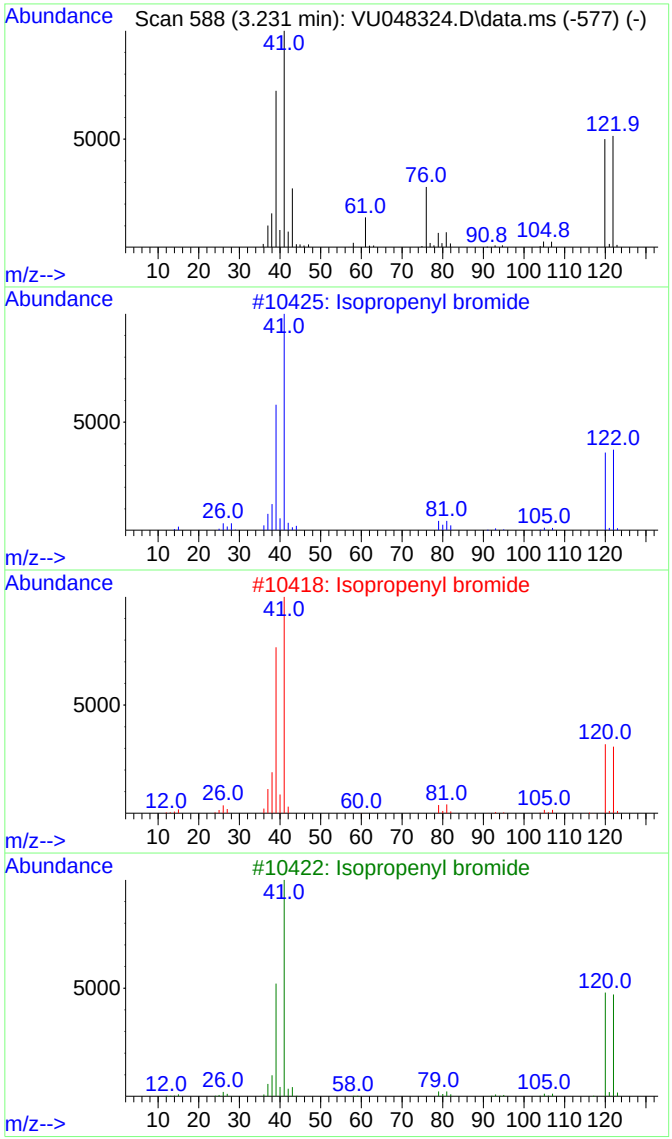
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

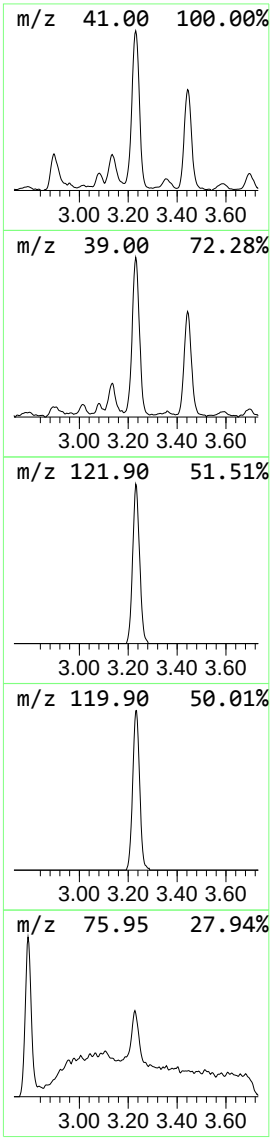
****

Peak Number 7 Isopropenyl bromide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.231	10.58 ug/L	189361	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	87
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	87
3	Isopropenyl bromide	120	C3H5Br	000557-93-7	83
4	Cyclopropyl bromide	120	C3H5Br	004333-56-6	80
5	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

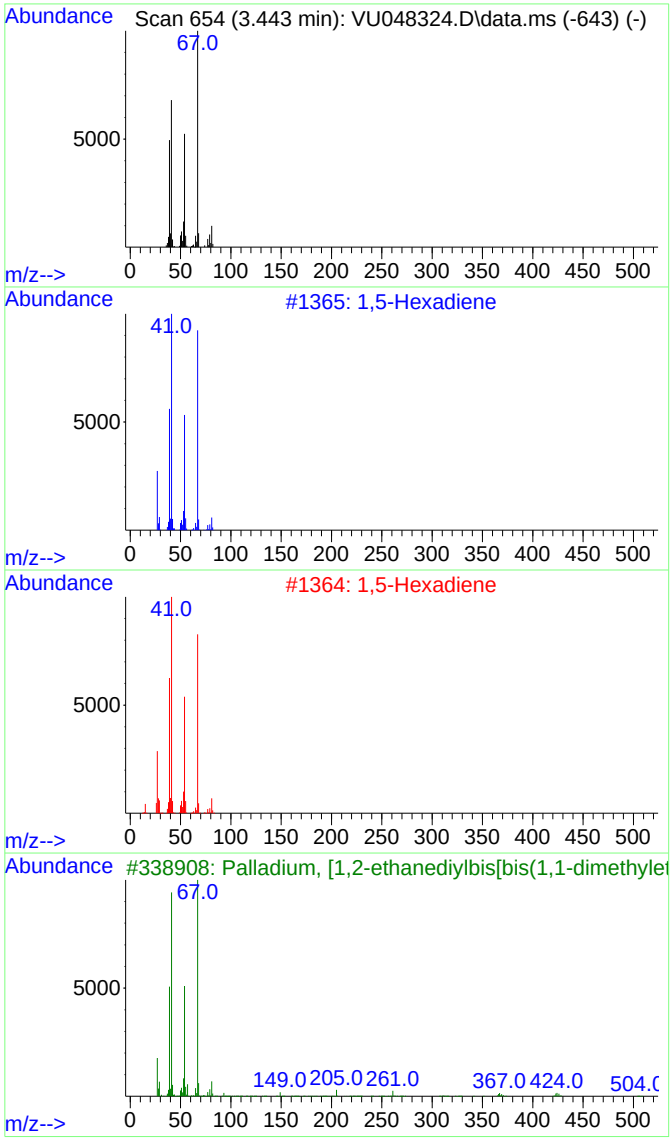
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

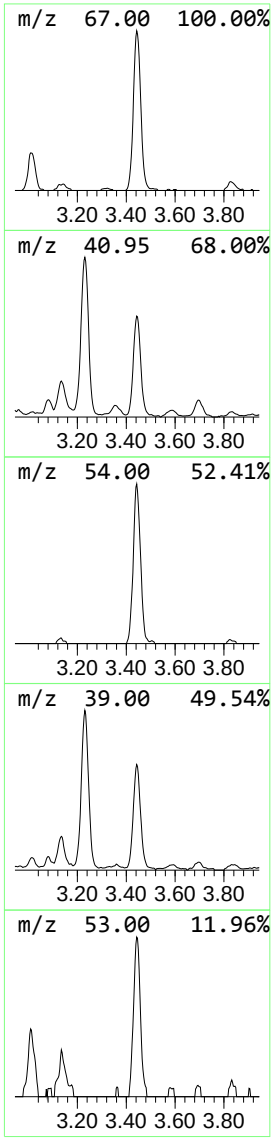
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,5-Hexadiene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.443	7.41 ug/L	132661	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	90
2	1,5-Hexadiene	82	C6H10	000592-42-7	90
3	Palladium, [1,2-ethanediylbis[bi...	506	C24H50P2Pd	138234-16-9	78
4	Isopropenylcyclopropane	82	C6H10	004663-22-3	59
5	1-Pentyne, 3-methyl-	82	C6H10	000922-59-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

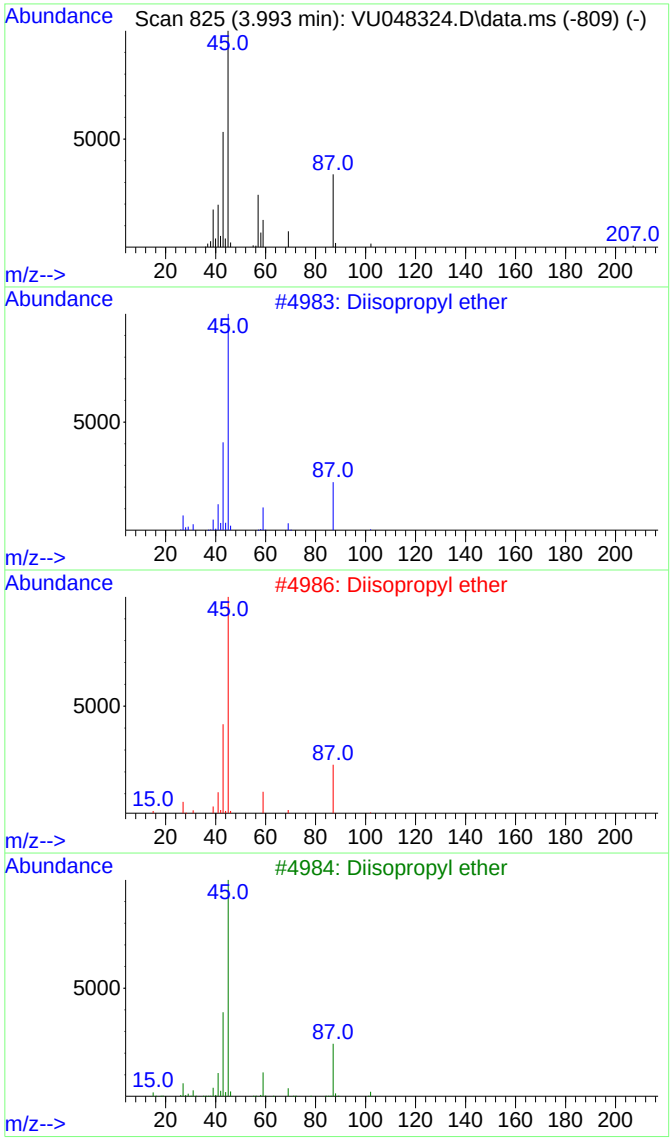
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

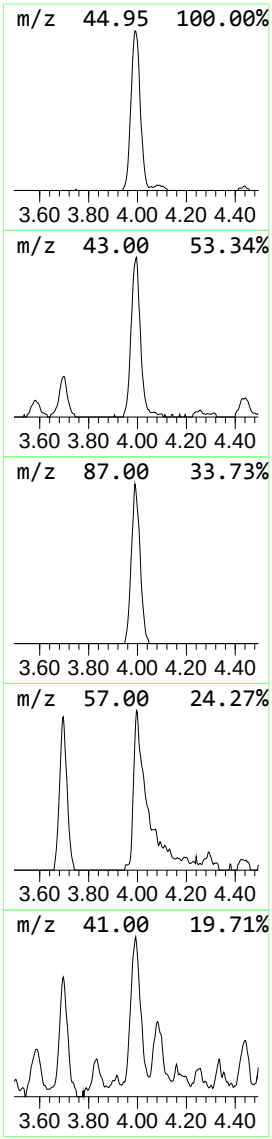
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Diisopropyl ether Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	5.82 ug/L	104241	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	86
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	Diisopropyl ether	102	C6H14O	000108-20-3	78
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

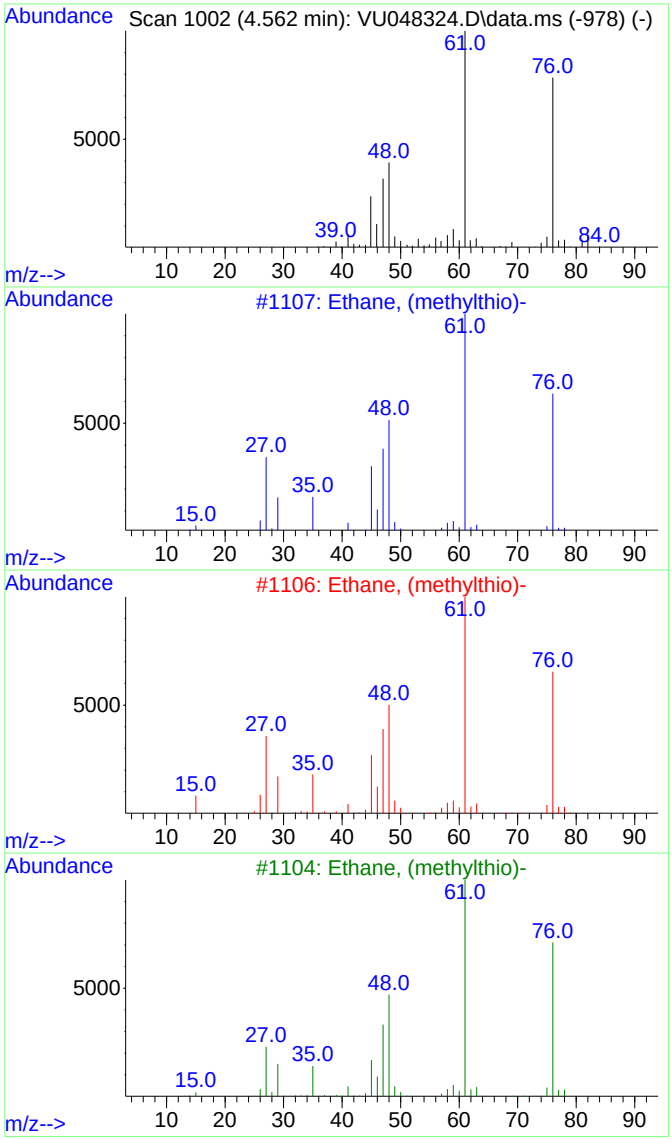
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

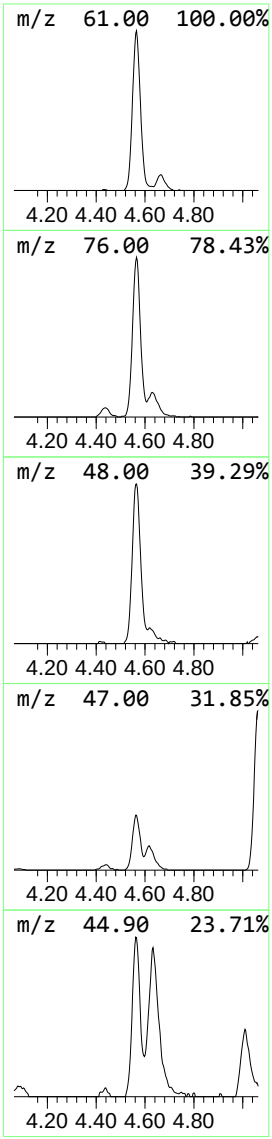
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethane, (methylthio)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.562	16.29 ug/L	291561	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	94
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
5	Trimethylphosphine	76	C3H9P	000594-09-2	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

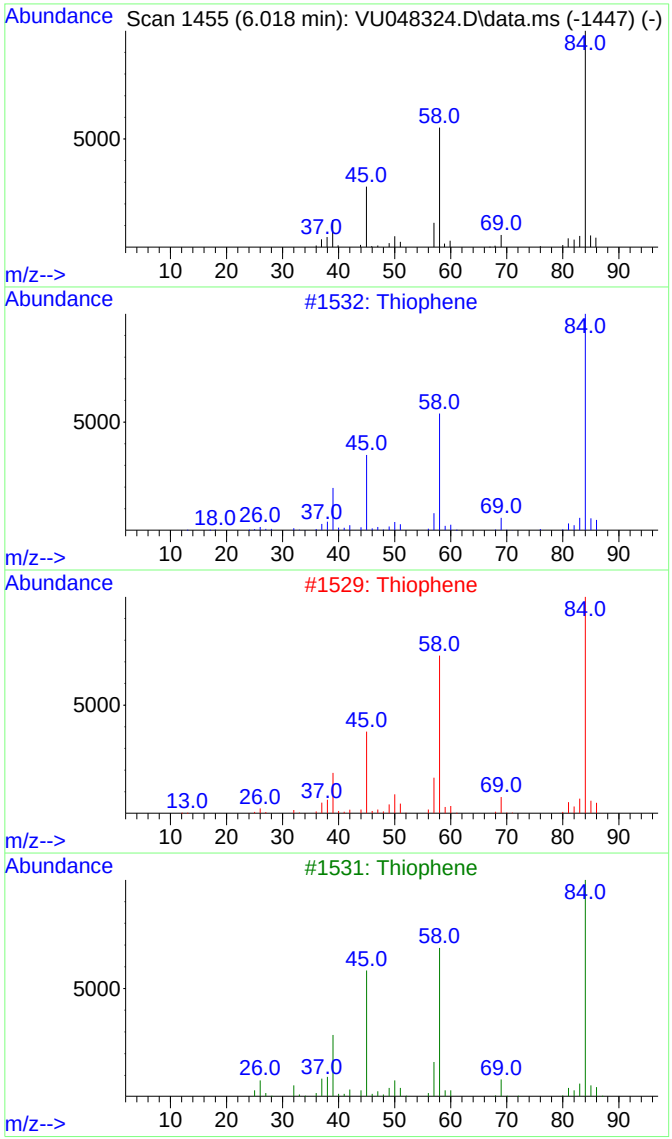
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

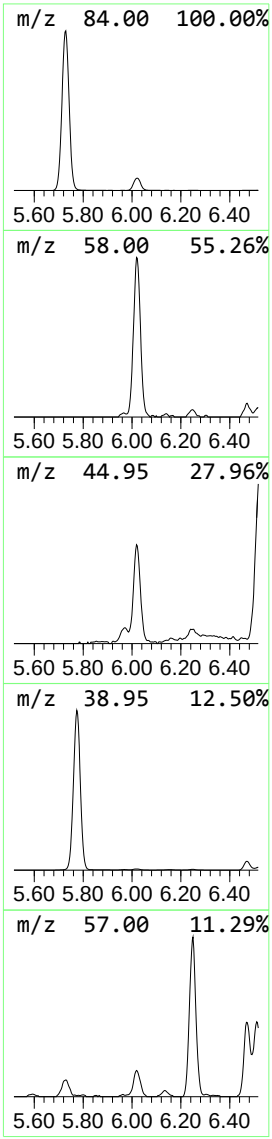
****

Peak Number 12 Thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.018	8.21 ug/L	146980	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	91
2	Thiophene	84	C4H4S	000110-02-1	91
3	Thiophene	84	C4H4S	000110-02-1	90
4	Thiophene	84	C4H4S	000110-02-1	83
5	p-[4-[3-[Dimethylamino]propyl]am...	445	C18H22Cl3N5O2	1000253-90-0	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

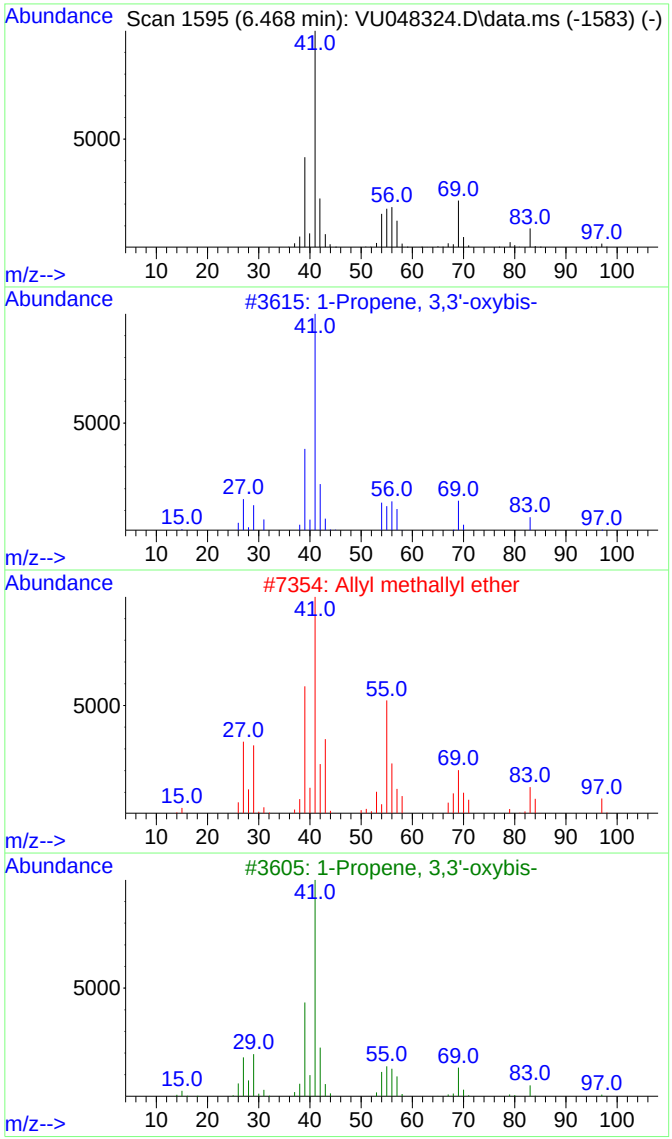
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

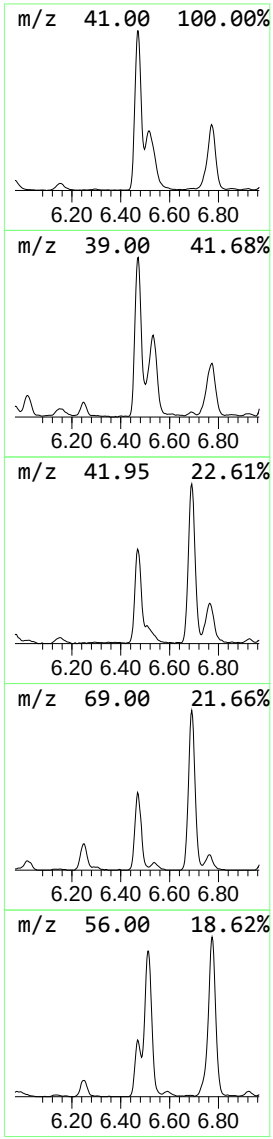
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Propene, 3,3'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.468	20.41 ug/L	365220	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
2	Allyl methallyl ether	112	C7H12O	014289-96-4	72
3	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	52
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47
5	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

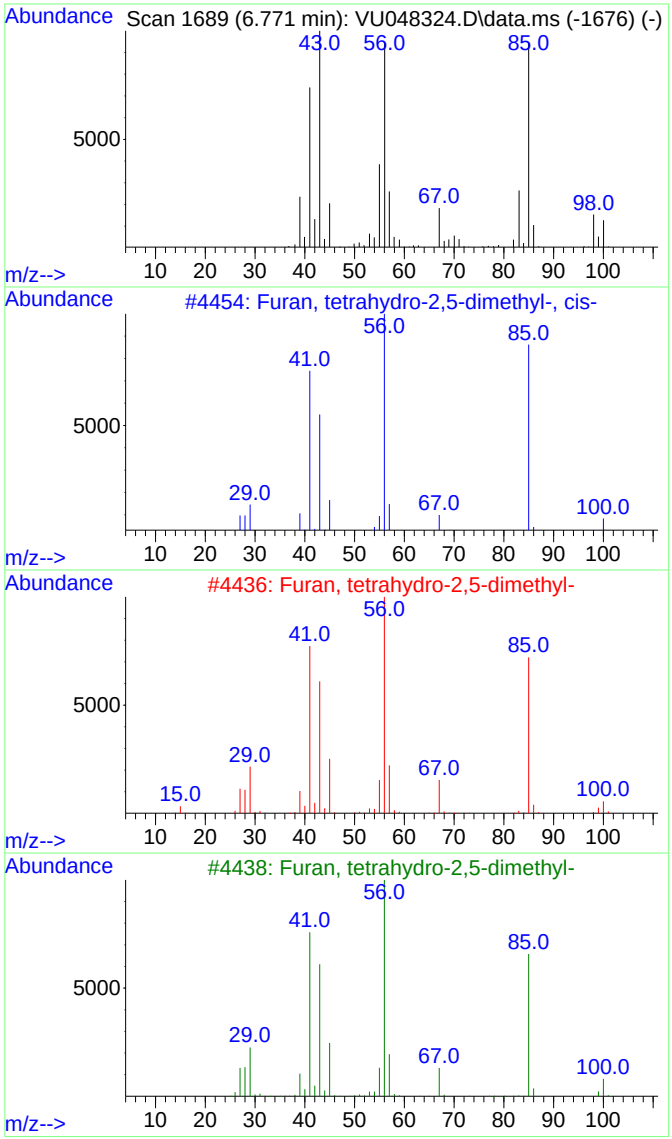
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

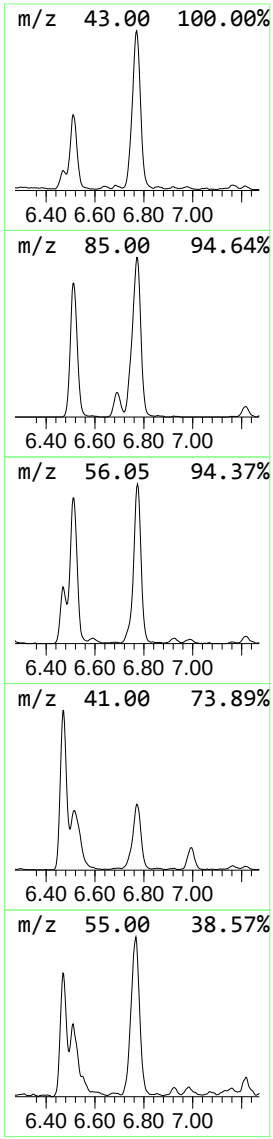
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Furan, tetrahydro-2,5-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.771	34.24 ug/L	612747	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	72
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	72
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	64
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	59
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

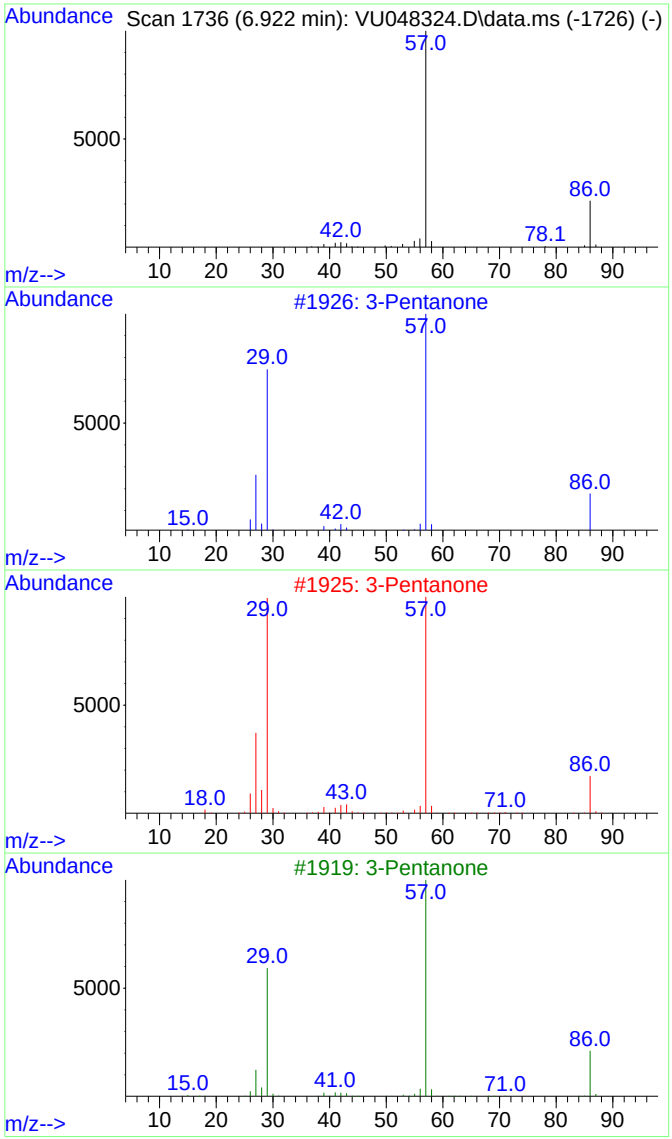
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

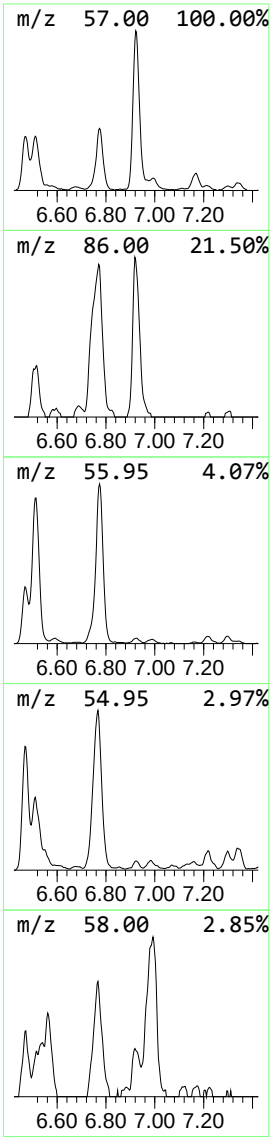
****

Peak Number 16 3-Pentanone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	3.48 ug/L	62208	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	72
2	3-Pentanone	86	C5H10O	000096-22-0	72
3	3-Pentanone	86	C5H10O	000096-22-0	72
4	3-Pentanone	86	C5H10O	000096-22-0	64
5	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

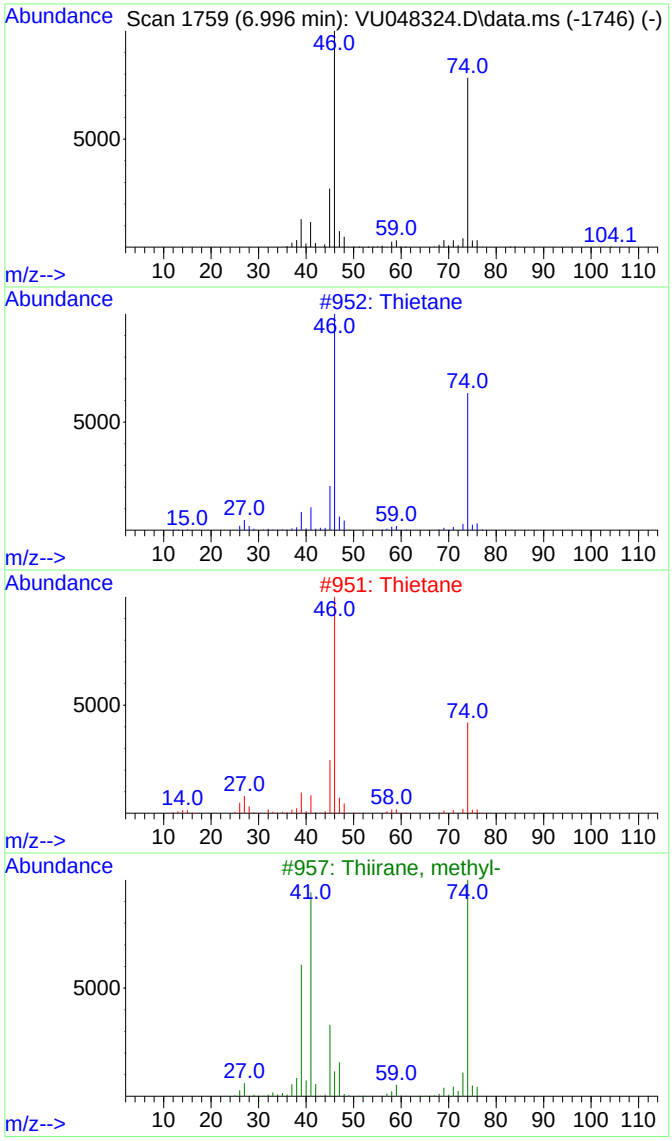
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

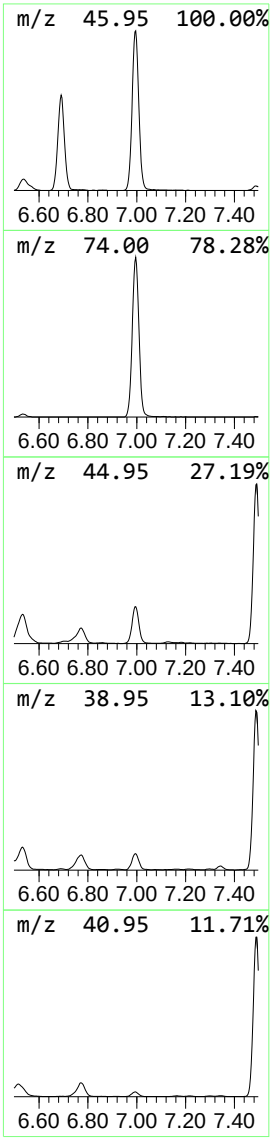
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Thietane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	24.35 ug/L	435790	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	91
2	Thietane	74	C3H6S	000287-27-4	90
3	Thiirane, methyl-	74	C3H6S	001072-43-1	23
4	Allyl mercaptan	74	C3H6S	000870-23-5	9
5	Tetramethylammonium tetrafluorob...	161	C4H12BF4N	000661-36-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

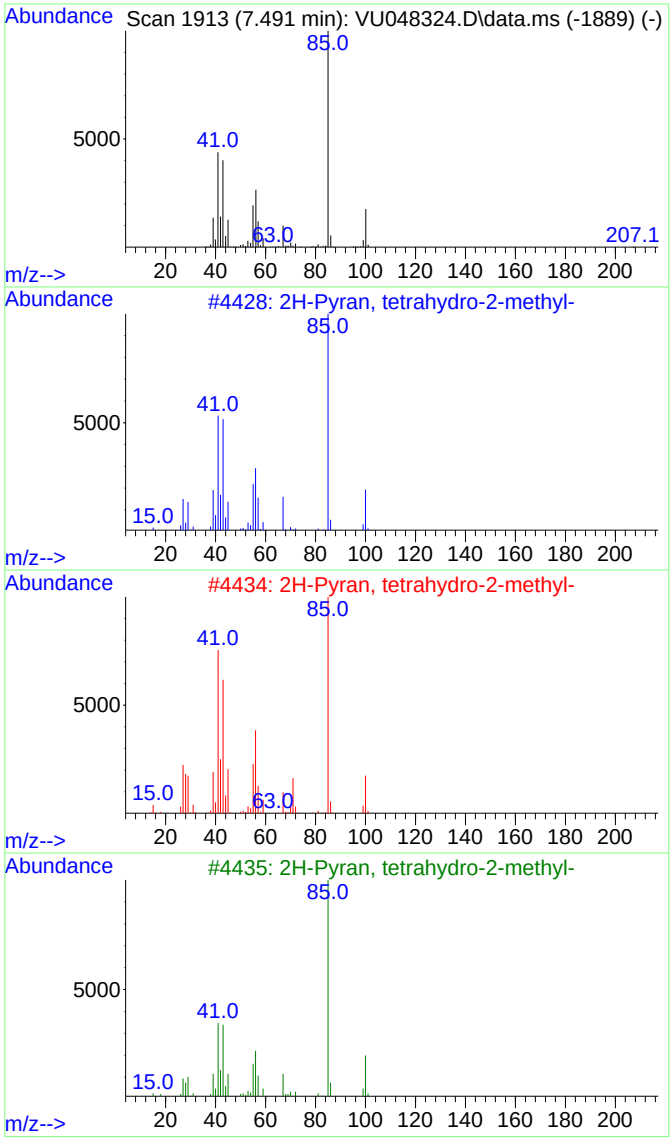
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

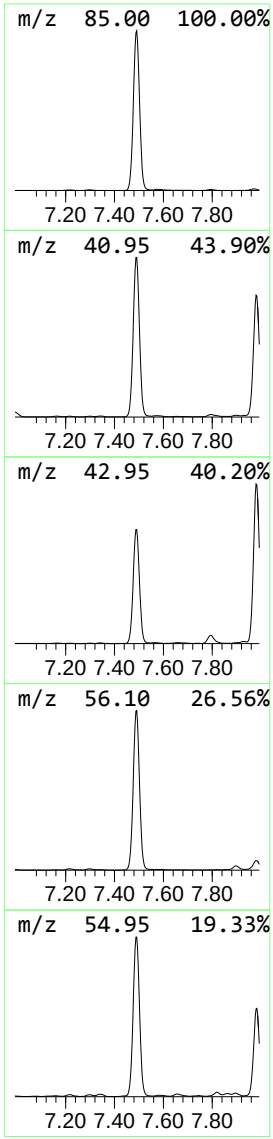
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	257.95 ug/L	4616650	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	93
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

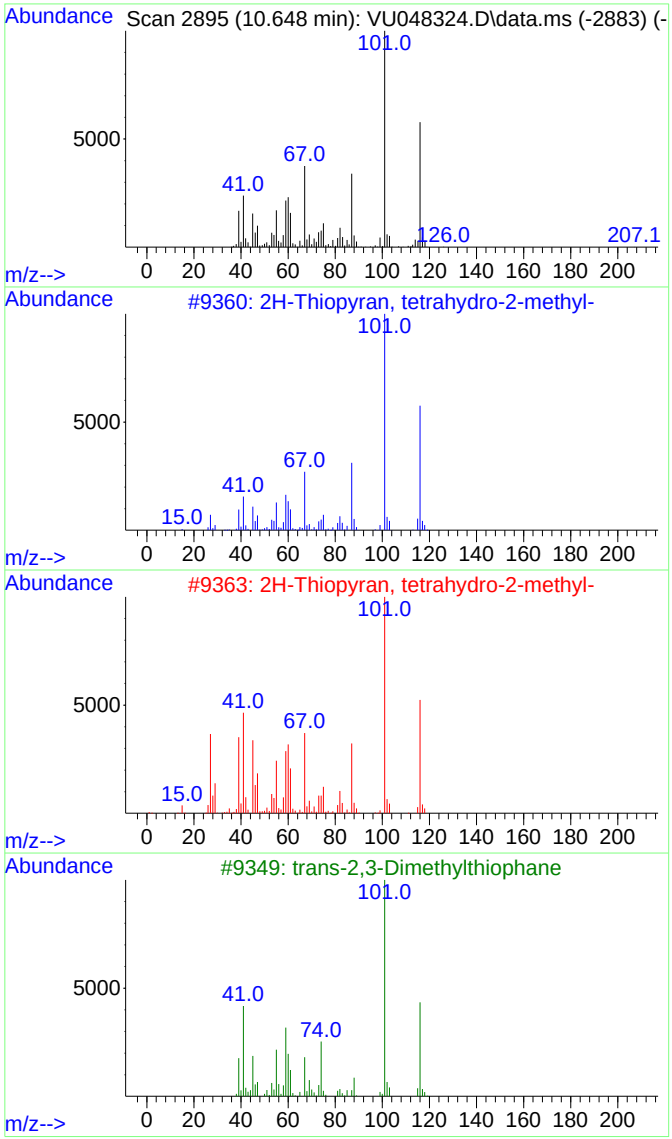
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

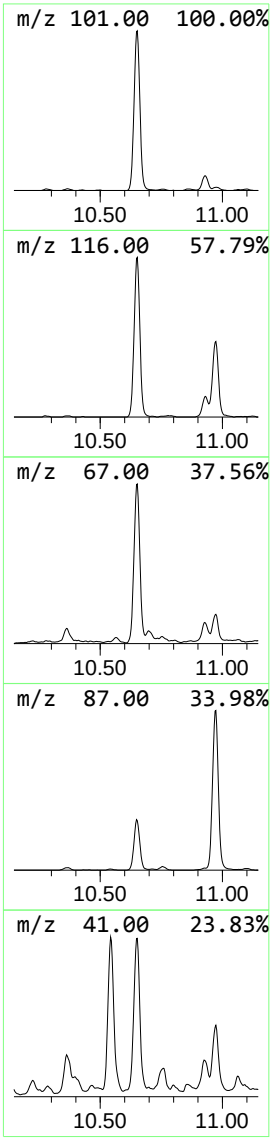
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2H-Thiopyran, tetrahydro-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.648	24.40 ug/L	700319	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	96
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	95
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	64
5	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

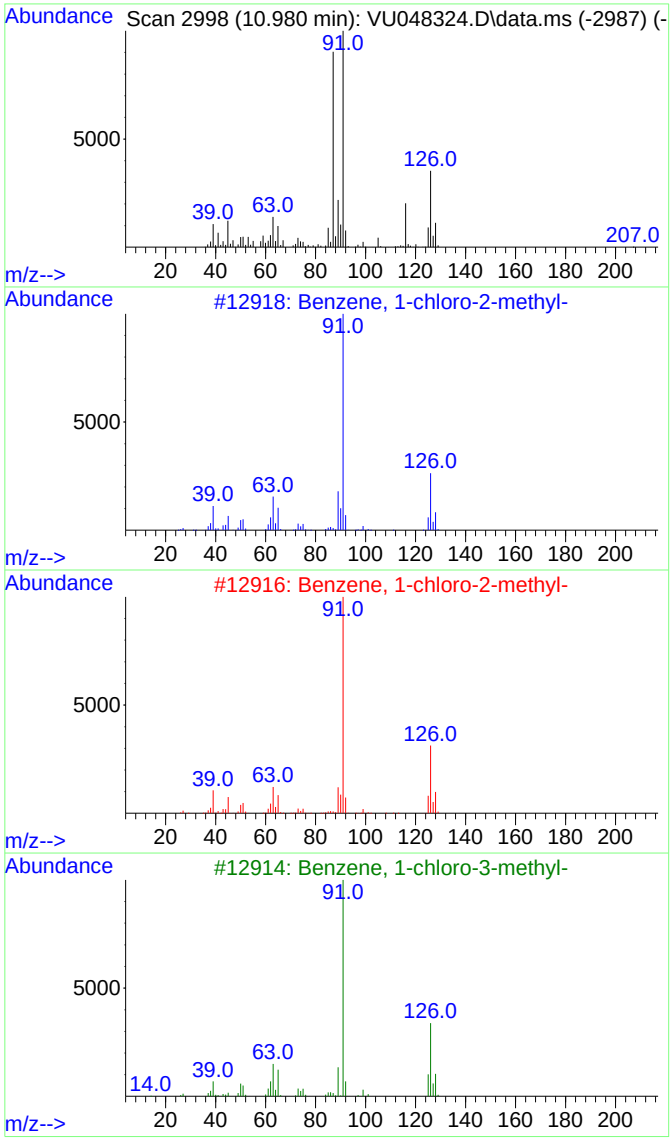
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

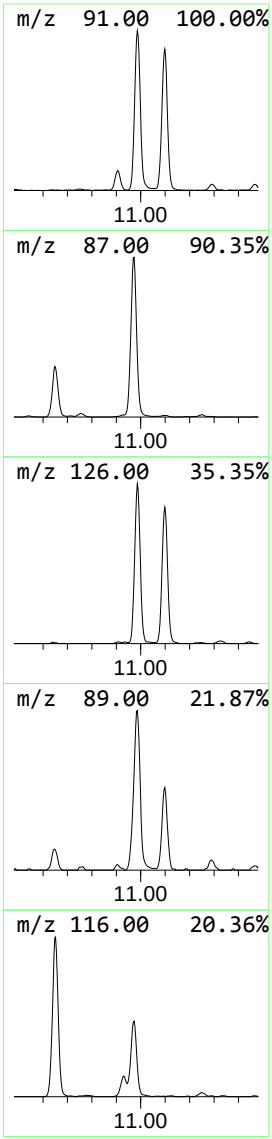
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-chloro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	24.05 ug/L	690348	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	89
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	83
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	74
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	49
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

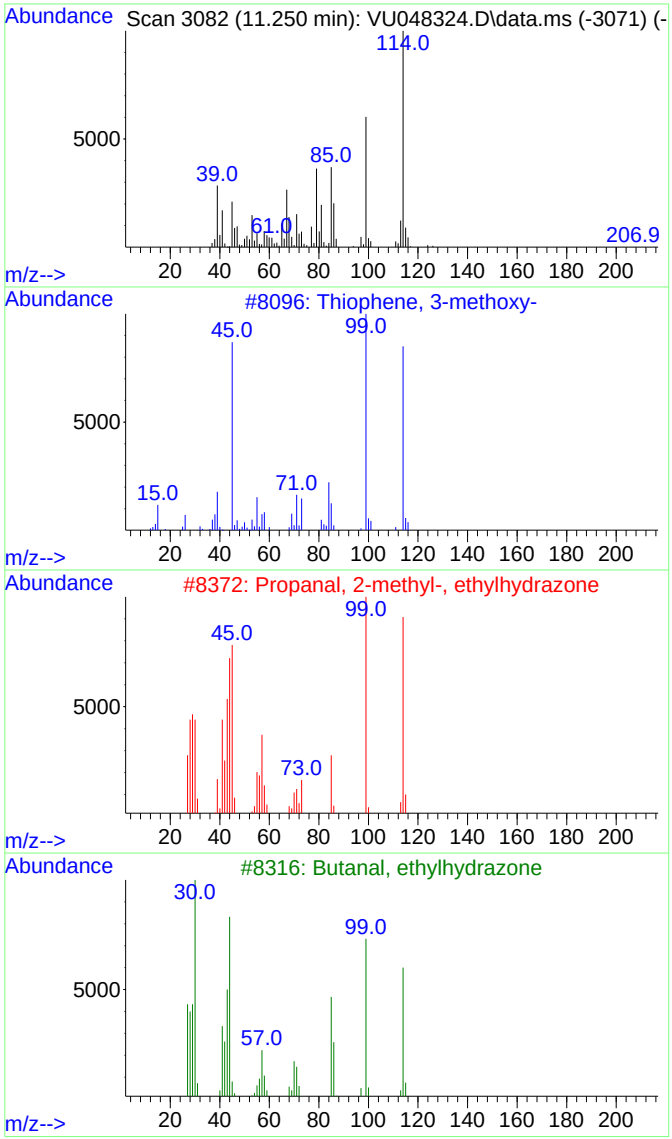
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

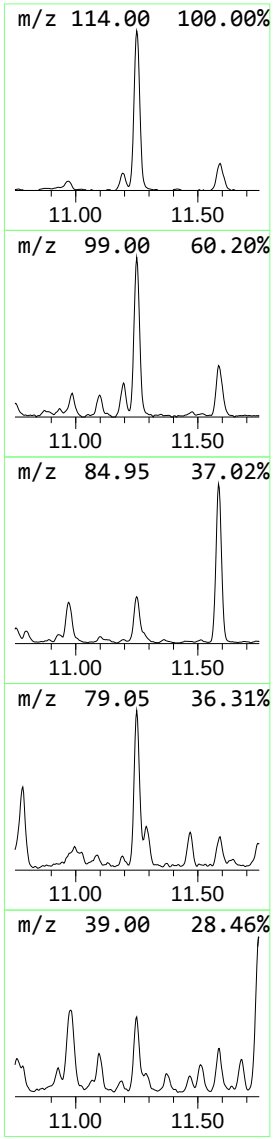
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	8.73 ug/L	250690	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	43
2	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	38
3	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	38
4	2-Methoxythiophene	114	C5H6OS	016839-97-7	38
5	2H-Imidazole-2-thione, 1,3-dihyd...	114	C4H6N2S	000060-56-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

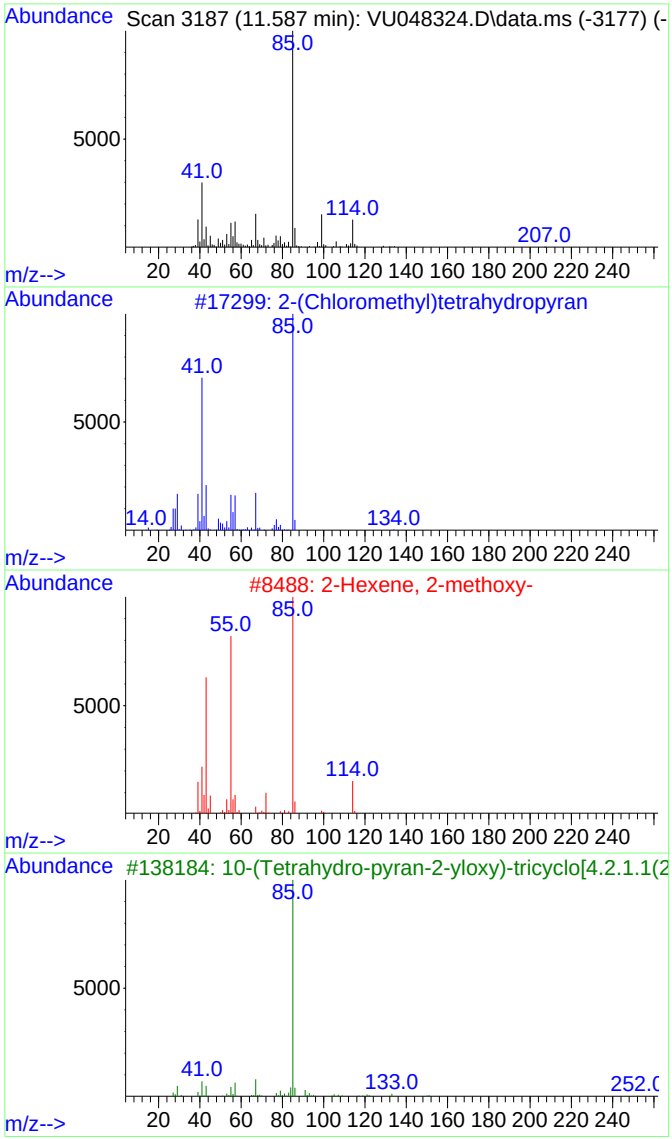
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

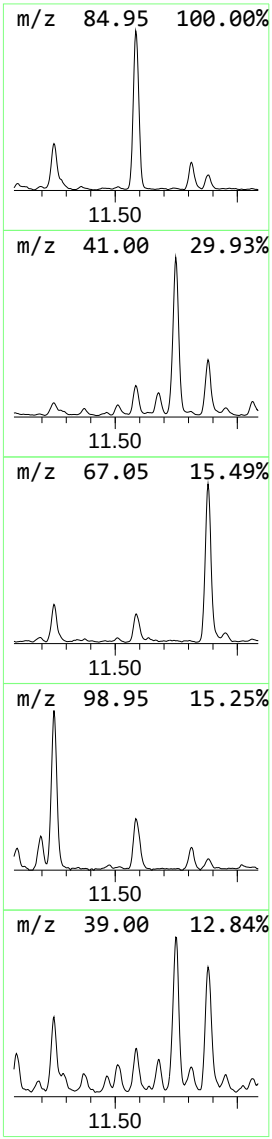
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2-(Chloromethyl)tetrahydrop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.587	6.56 ug/L	188322	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	72
2	2-Hexene, 2-methoxy-	114	C7H14O	061142-45-8	64
3	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1010192-28-8	59
4	5-(Hydroxymethyl)dihydrofuran-2(...	116	C5H8O3	010374-51-3	53
5	5-Hydroxypentanal	102	C5H10O2	004221-03-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

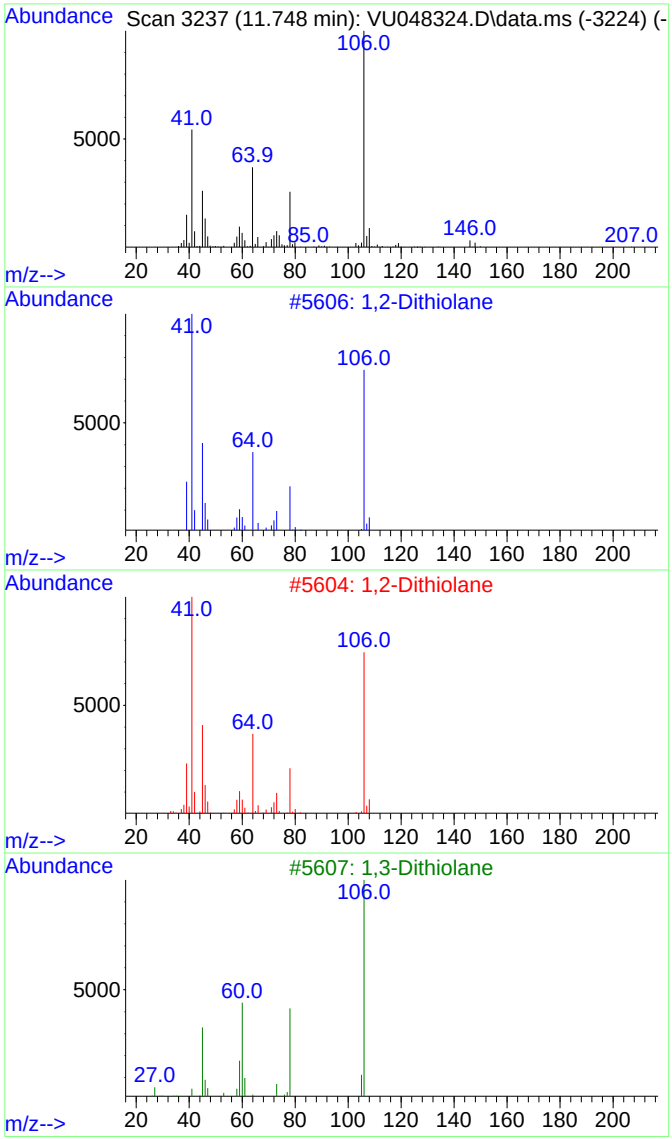
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

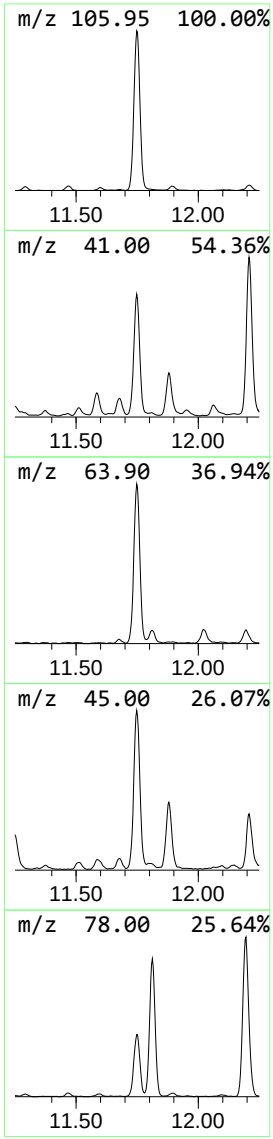
****

Peak Number 27 1,2-Dithiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	22.66 ug/L	650438	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dithiolane	106	C3H6S2	000557-22-2	94
2	1,2-Dithiolane	106	C3H6S2	000557-22-2	91
3	1,3-Dithiolane	106	C3H6S2	004829-04-3	64
4	1,3-Dithiolane	106	C3H6S2	004829-04-3	38
5	Nicotinic acid, 4-cyanophenyl ester	224	C13H8N2O2	1000307-95-0	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

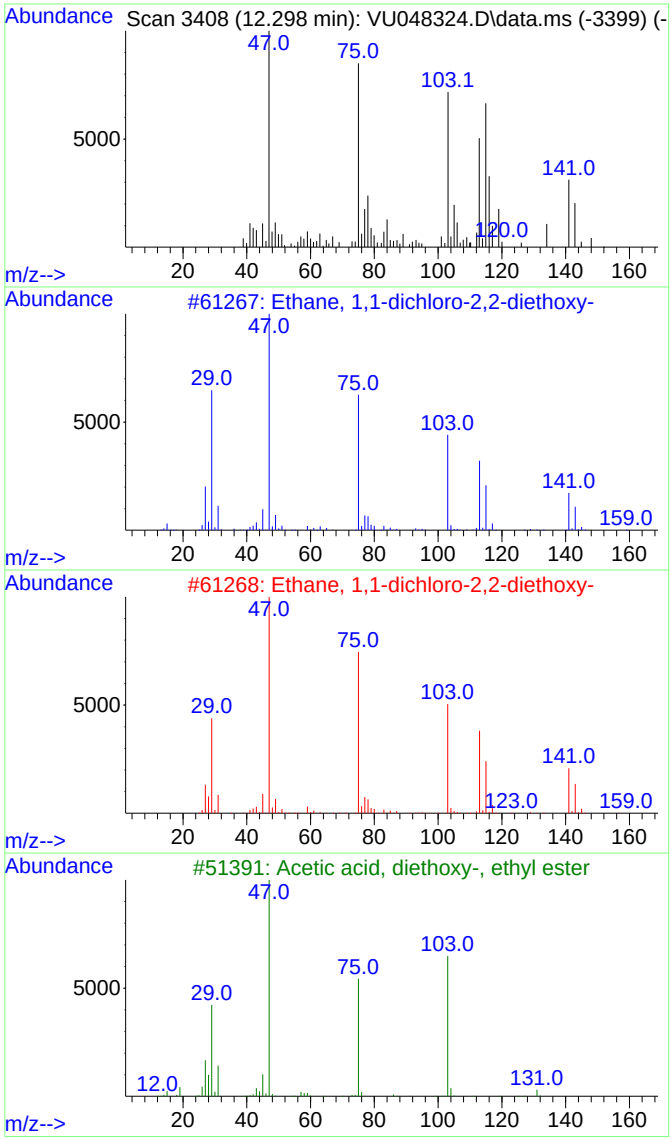
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

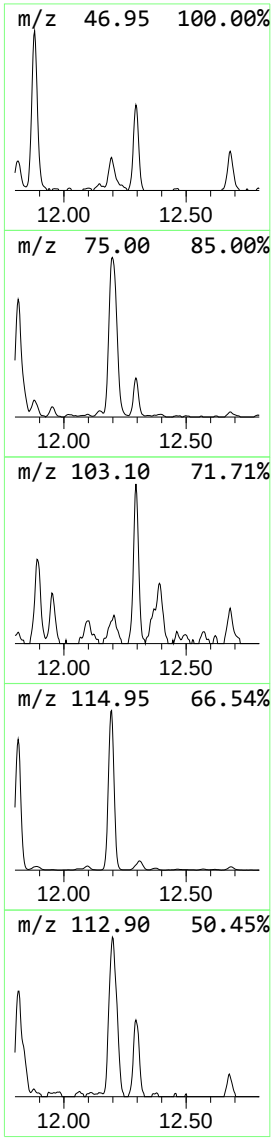
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Ethane, 1,1-dichloro-2,2-di... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	3.52 ug/L	101067	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dichloro-2,2-diethoxy-	186	C6H12Cl2O2	000619-33-0	72
2	Ethane, 1,1-dichloro-2,2-diethoxy-	186	C6H12Cl2O2	000619-33-0	72
3	Acetic acid, diethoxy-, ethyl ester	176	C8H16O4	006065-82-3	43
4	Acetic acid, diethoxy-, ethyl ester	176	C8H16O4	006065-82-3	43
5	Methoxyacetaldehyde diethyl acetal	148	C7H16O3	004819-75-4	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

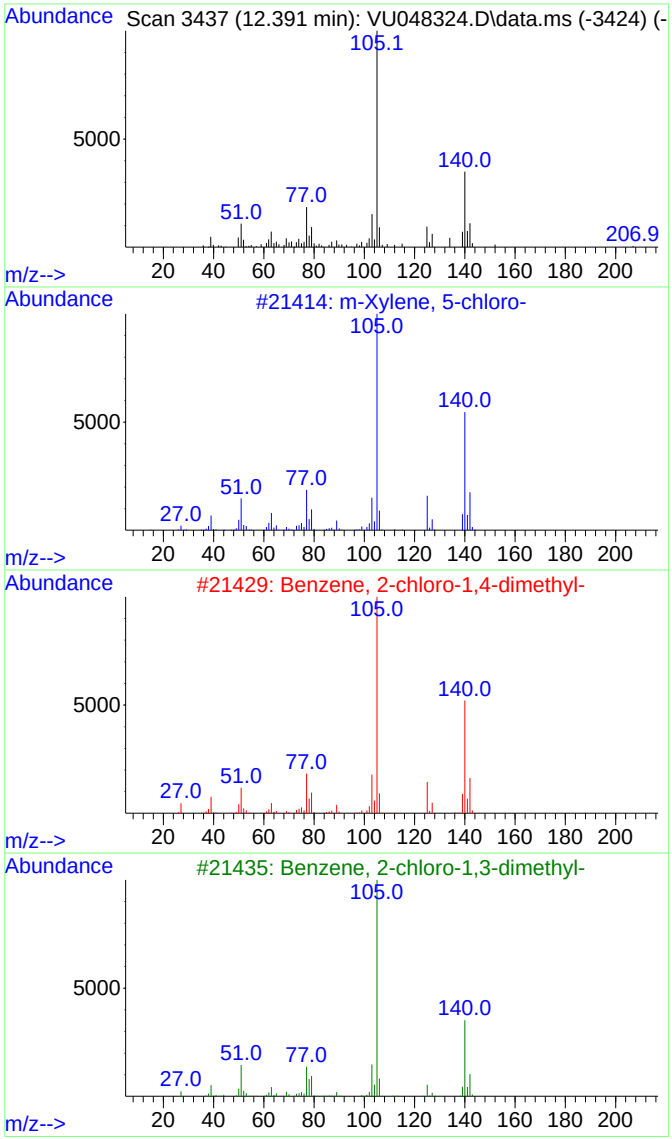
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

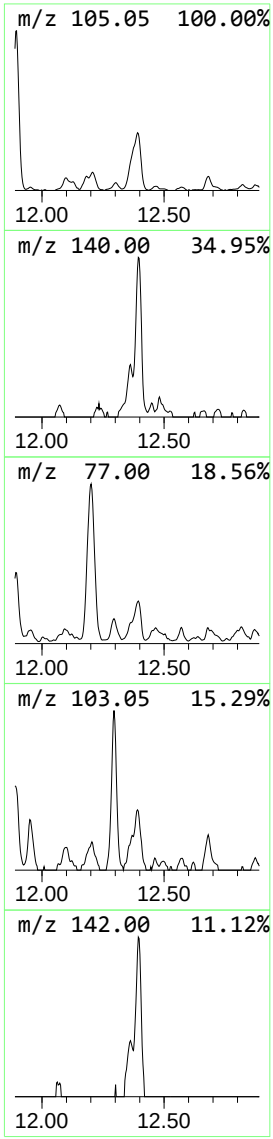
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 m-Xylene, 5-chloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.391	3.61 ug/L	103525	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	93
2	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	93
3	Benzene, 2-chloro-1,3-dimethyl-	140	C8H9Cl	006781-98-2	93
4	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	91
5	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

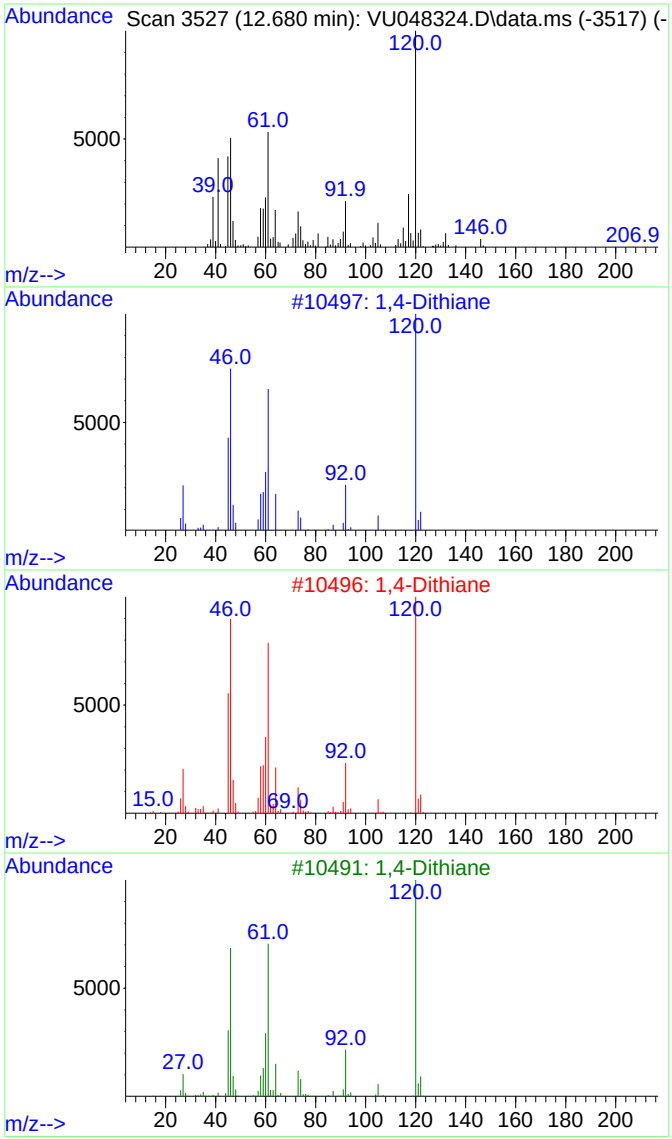
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

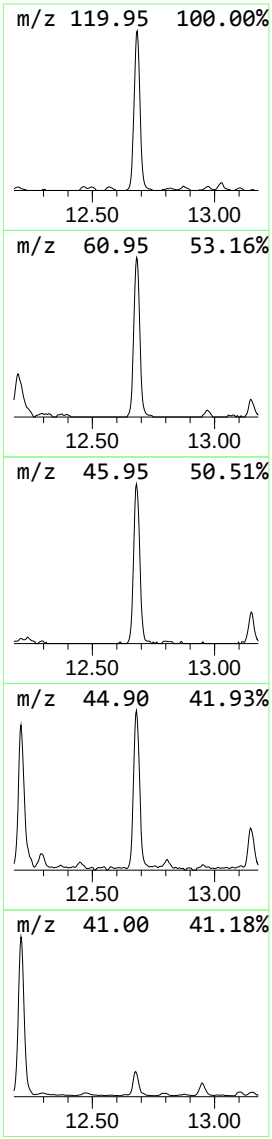
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,4-Dithiane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	10.15 ug/L	291198	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dithiane	120	C4H8S2	000505-29-3	95
2	1,4-Dithiane	120	C4H8S2	000505-29-3	93
3	1,4-Dithiane	120	C4H8S2	000505-29-3	93
4	1,4-Dithiane	120	C4H8S2	000505-29-3	87
5	1,3-Dithiane	120	C4H8S2	000505-23-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

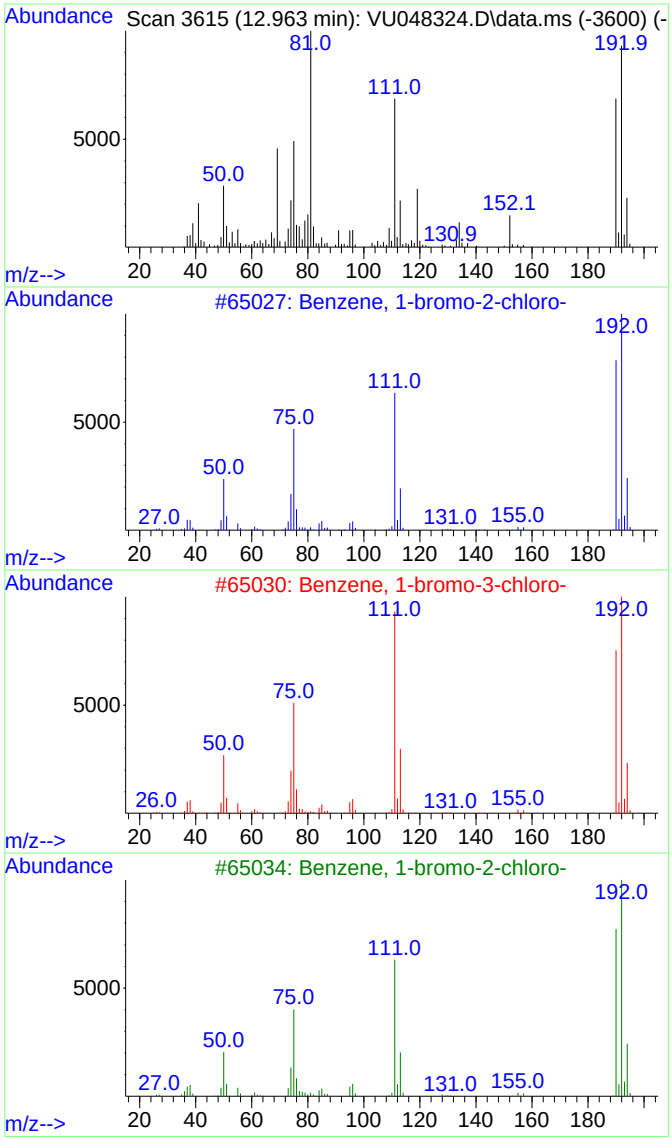
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

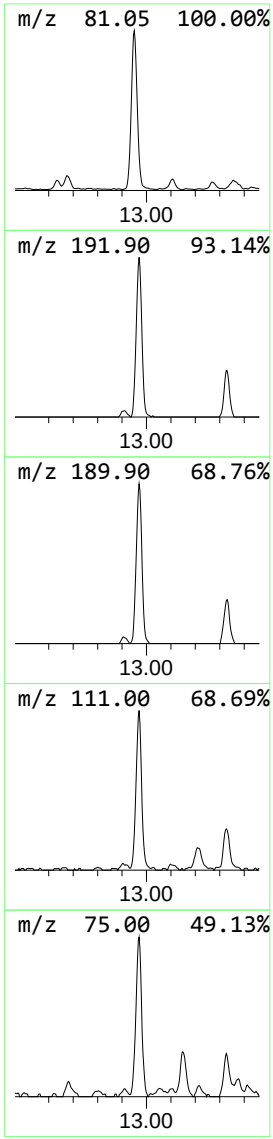
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-bromo-2-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	10.07 ug/L	289034	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

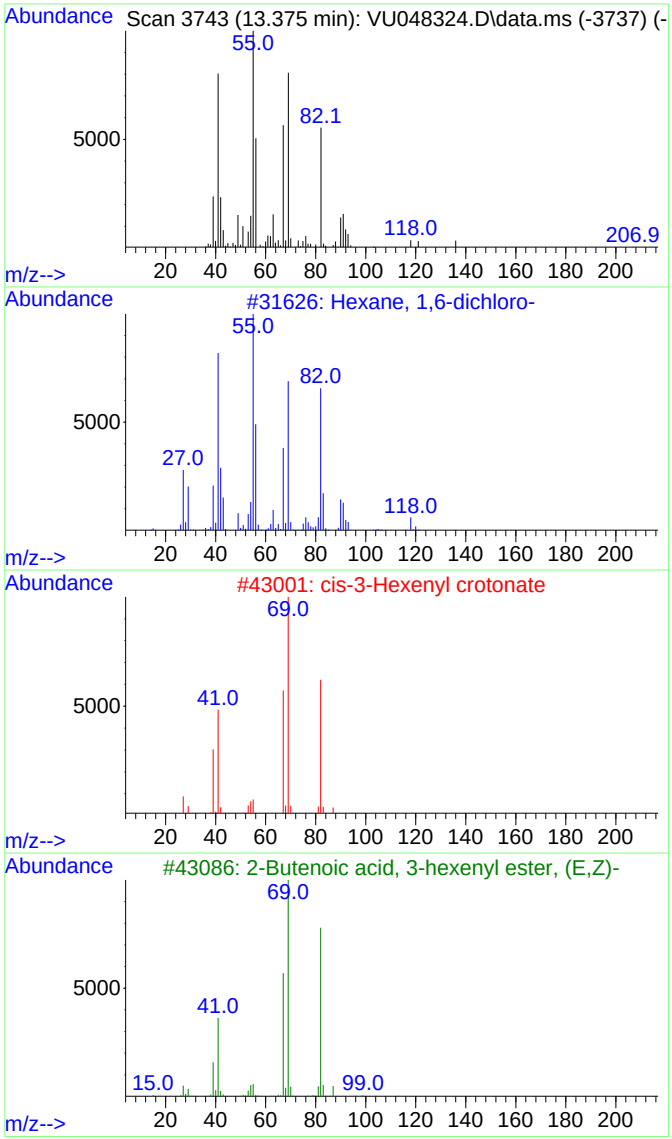
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

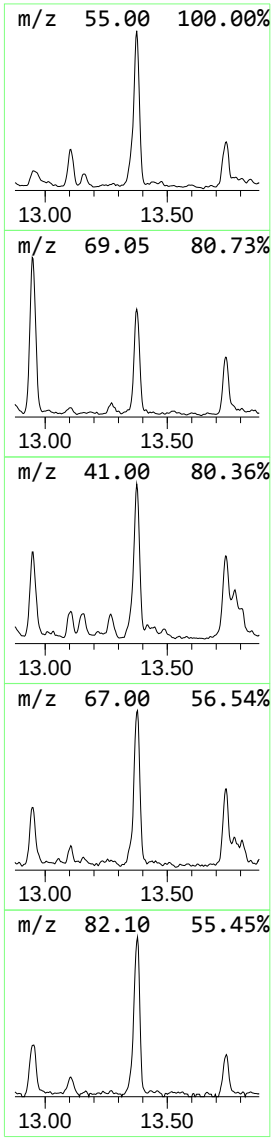
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Hexane, 1,6-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	3.95 ug/L	113451	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	56
2	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	47
3	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	47
4	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	45
5	7-Octen-1-ol, 3,7-dimethyl-, (S)-	156	C10H20O	006812-78-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

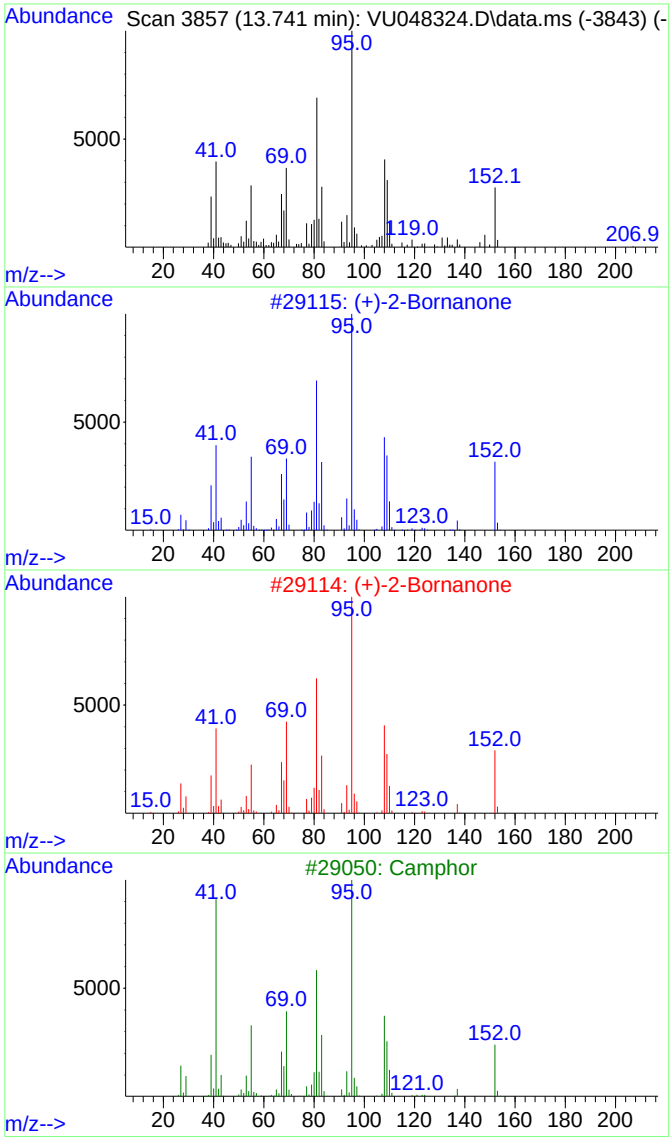
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

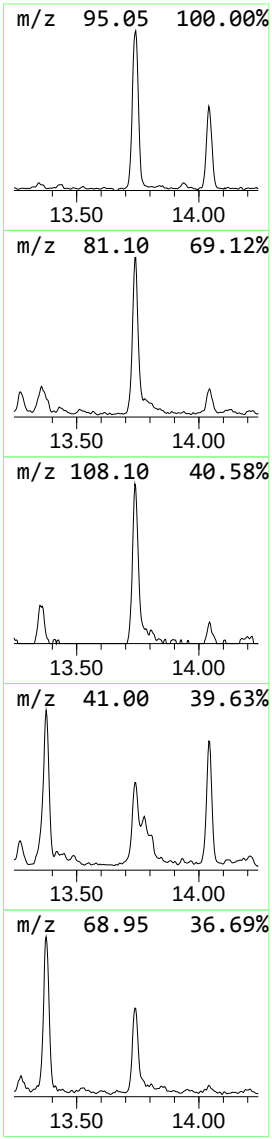
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (+)-2-Bornanone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.742	5.76 ug/L	165448	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Camphor	152	C10H16O	000076-22-2	98
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
5	Camphor	152	C10H16O	000076-22-2	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

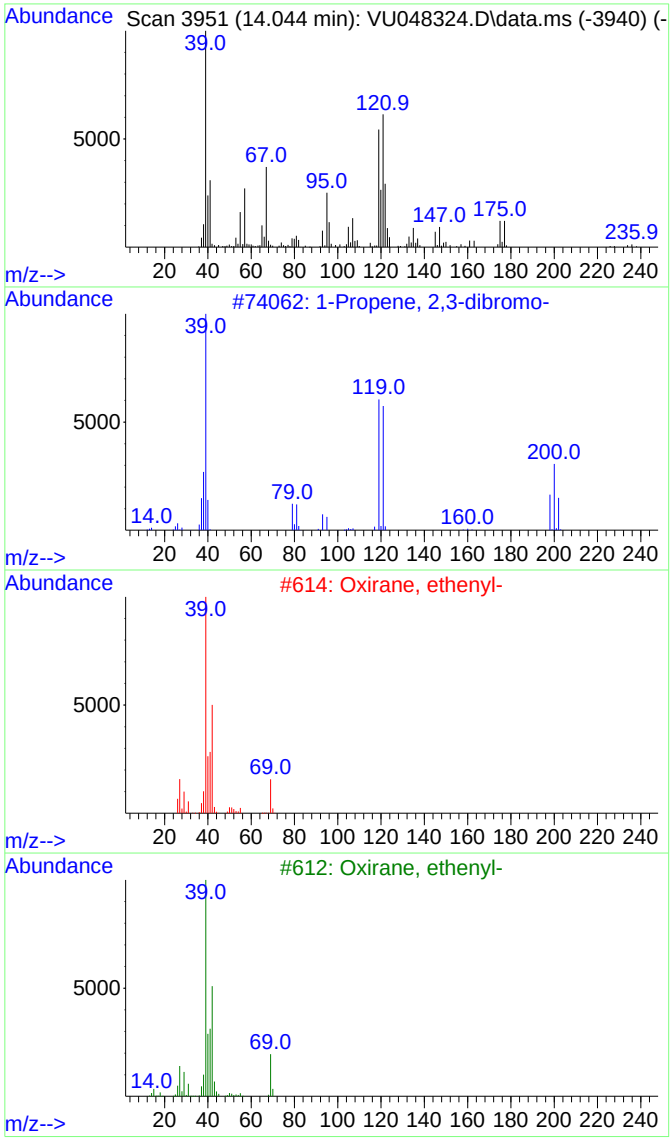
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

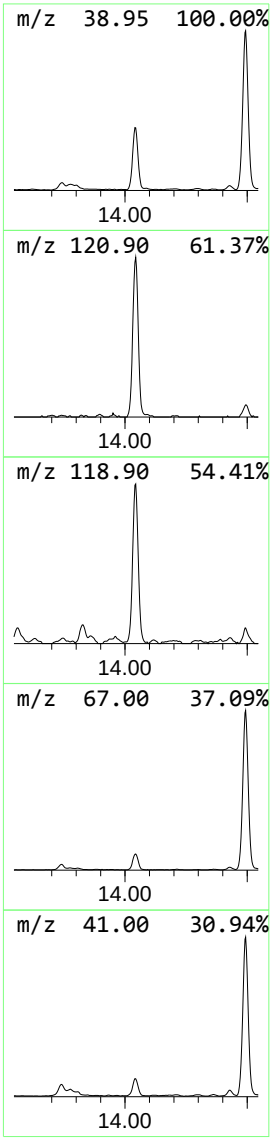
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1-Propene, 2,3-dibromo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.044	9.32 ug/L	267423	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2,3-dibromo-	198	C3H4Br2	000513-31-5	50
2	Oxirane, ethenyl-	70	C4H6O	000930-22-3	40
3	Oxirane, ethenyl-	70	C4H6O	000930-22-3	33
4	N-(2-Methylacryloyl)imidazola	136	C7H8N2O	054060-80-9	9
5	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

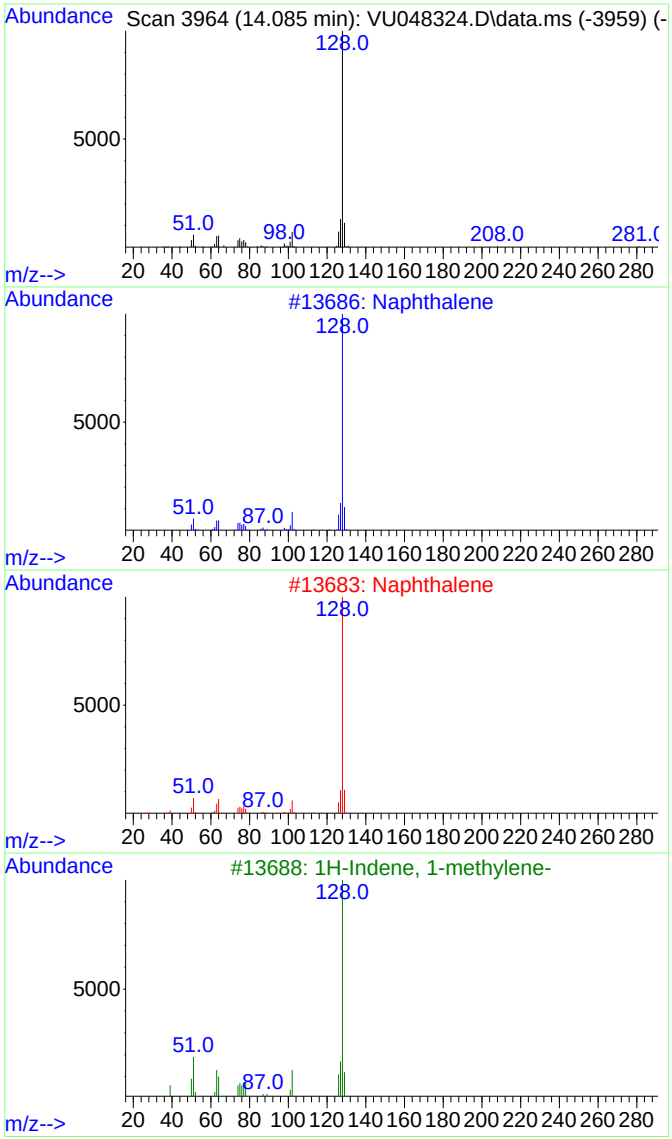
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

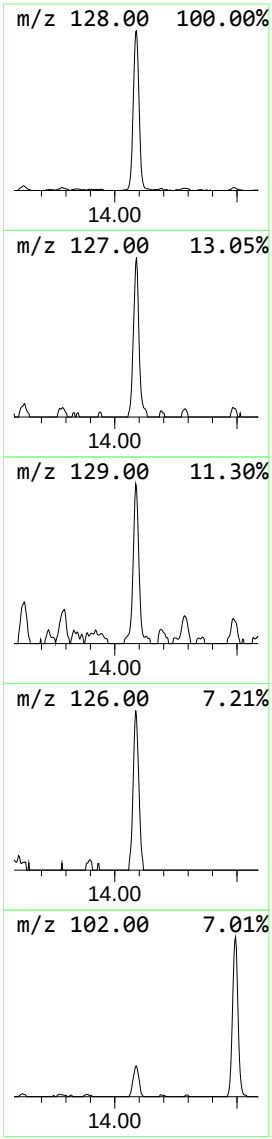
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Azulene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	3.70 ug/L	106239	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

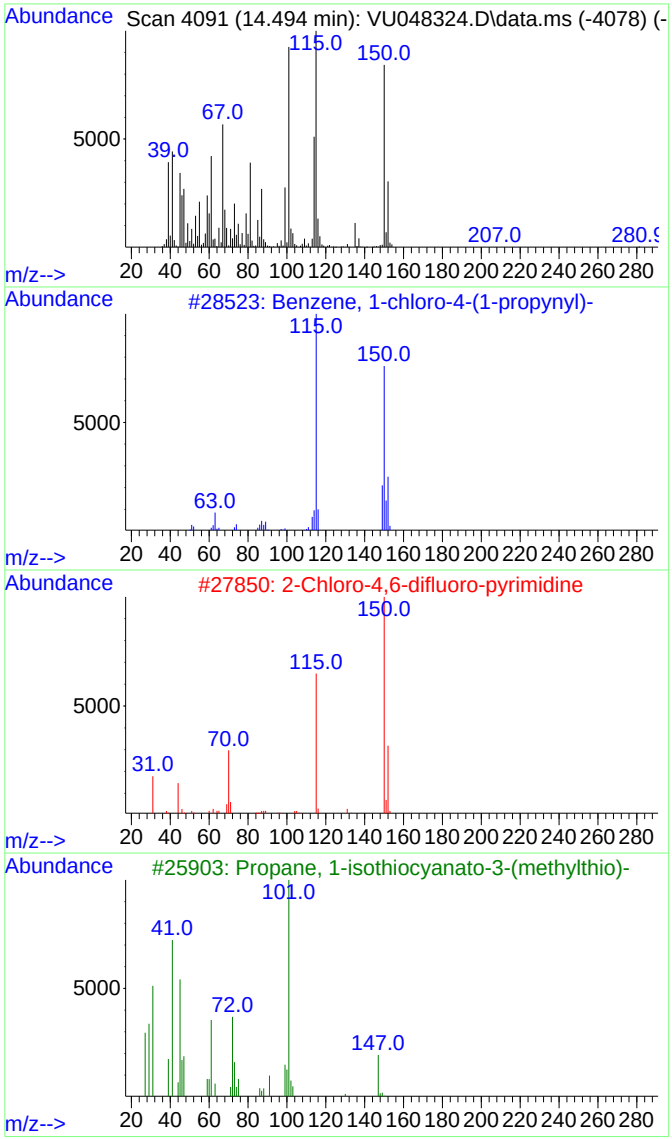
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

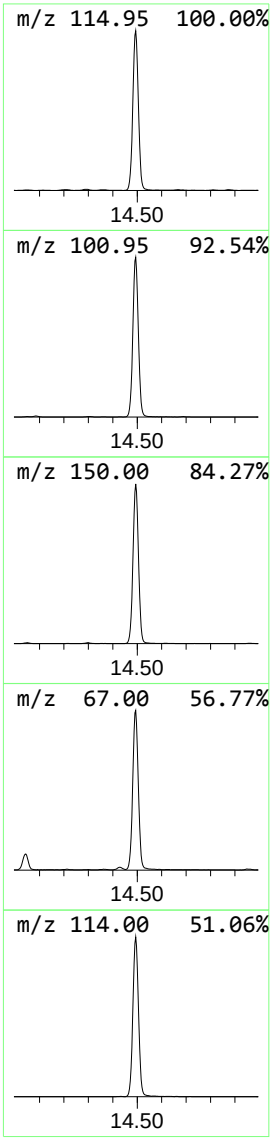
****

Peak Number 38 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	100.93 ug/L	2896920	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	22
4	4,7-Diaminobenzofurazan	150	C6H6N4O	215860-46-1	11
5	Tetracyclo[2.2.1.0(2,6).0(3,5)]h...	116	C9H8	081787-74-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

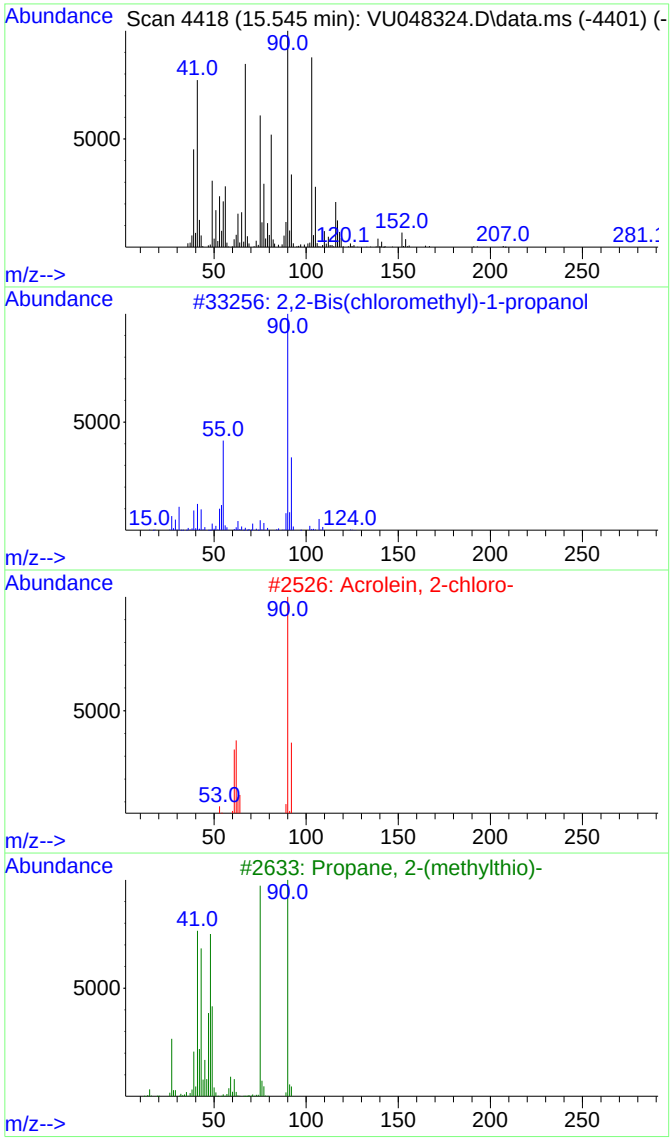
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

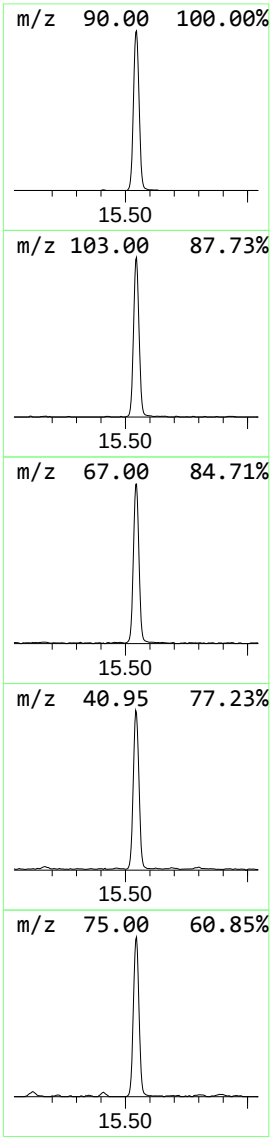
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	21.72 ug/L	623499	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	38
2	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
4	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
5	3-Thietanol	90	C3H6OS	010304-16-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048324.D
Acq On : 27 Apr 2022 18:57
Operator : SY/MD
Sample : N2587-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.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
Allene	1.433	3.6	ug/L	64713	1	6.250	894856	50.0
Sulfur dioxide	1.482	3.8	ug/L	67951	1	6.250	894856	50.0
Ethyl ether	2.375	5.2	ug/L	92314	1	6.250	894856	50.0
Ethanethiol	2.469	10.5	ug/L	188237	1	6.250	894856	50.0
Dimethyl sulfide	2.681	20.3	ug/L	362429	1	6.250	894856	50.0
(DEL) Alkane: C...	3.134	2.9	ug/L	52244	1	6.250	894856	50.0
Isopropenyl bro...	3.231	10.6	ug/L	189361	1	6.250	894856	50.0
1,5-Hexadiene	3.443	7.4	ug/L	132661	1	6.250	894856	50.0
Diisopropyl ether	3.993	5.8	ug/L	104241	1	6.250	894856	50.0
Ethane, (methyl...	4.562	16.3	ug/L	291561	1	6.250	894856	50.0
Thiophene	6.018	8.2	ug/L	146980	1	6.250	894856	50.0
1-Propene, 3,3'...	6.468	20.4	ug/L	365220	1	6.250	894856	50.0
Furan, tetrahyd...	6.771	34.2	ug/L	612747	1	6.250	894856	50.0
3-Pentanone	6.922	3.5	ug/L	62208	1	6.250	894856	50.0
Thietane	6.996	24.4	ug/L	435790	1	6.250	894856	50.0
2H-Pyran, tetra...	7.491	257.9	ug/L	4616650	1	6.250	894856	50.0
2H-Thiopyran, t...	10.648	24.4	ug/L	700319	3	11.812	1435180	50.0
Benzene, 1-chlo...	10.980	24.1	ug/L	690348	3	11.812	1435180	50.0
unknown-01	11.250	8.7	ug/L	250690	3	11.812	1435180	50.0
2-(Chloromethyl...	11.587	6.6	ug/L	188322	3	11.812	1435180	50.0
1,2-Dithiolane	11.748	22.7	ug/L	650438	3	11.812	1435180	50.0
Ethane, 1,1-dic...	12.298	3.5	ug/L	101067	3	11.812	1435180	50.0
m-Xylene, 5-chl...	12.391	3.6	ug/L	103525	3	11.812	1435180	50.0
1,4-Dithiane	12.680	10.2	ug/L	291198	3	11.812	1435180	50.0
Benzene, 1-brom...	12.963	10.1	ug/L	289034	3	11.812	1435180	50.0
Hexane, 1,6-dic...	13.375	4.0	ug/L	113451	3	11.812	1435180	50.0
(+)-2-Bornanone	13.742	5.8	ug/L	165448	3	11.812	1435180	50.0
1-Propene, 2,3-...	14.044	9.3	ug/L	267423	3	11.812	1435180	50.0
Azulene	14.086	3.7	ug/L	106239	3	11.812	1435180	50.0
unknown-02	14.494	100.9	ug/L	2896920	3	11.812	1435180	50.0
unknown-03	15.545	21.7	ug/L	623499	3	11.812	1435180	50.0