LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EXET5

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: VU048321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.434	24	29	35	rBV	440620	472368	0.11%	0.042%
2	1.472	35	41	64	rVB	2268299	3050613	0.73%	0.269%
3	1.598	70	80	101	rBV3	276698	535516	0.13%	0.047%
4	1.894	164	172	193	rVB	127156	212130	0.05%	0.019%
5	2.157	246	254	279	rVB	121760	189283	0.05%	0.017%
6	2.373	313	321	343	rVB4	59234	113068	0.03%	0.010%
7	2.508	343	363	372	rVV2	1026800	2011772	0.48%	0.177%
8	2.562	372	380	389	rVV	350068	587042	0.14%	0.052%
9	2.623	389	399	407	rVV	764421	1463868	0.35%	0.129%
10	2.668	407	413	431	rVV2	590187	1037672	0.25%	0.091%
11	2.797	433	453	474	rVB2	56378	162908	0.04%	0.014%
12	3.045	509	530	550	rVV3	371062	1072578	0.26%	0.094%
13	3.131	551	557	573	rVV2	68651	155502	0.04%	0.014%
14	3.228	575	587	604	rVB	217221	449554	0.11%	0.040%
15	3.443	641	654	674	rVV	150076	310537	0.07%	0.027%
16	3.868	760	786	812	rBV	185742	516054	0.12%	0.045%
17	3.993	812	825	841	rBV3	47175	139860	0.03%	0.012%
18	4.167	866	879	893	rBV5	39947	110558	0.03%	0.010%
19	4.247	894	904	919	rVB	50107	117752	0.03%	0.010%
20	4.627	1008	1022	1042	rBV	226288	768802	0.18%	0.068%
21	5.057	1132	1156	1170	rBV2	515339	1303515	0.31%	0.115%
22	5.363	1238	1251	1271	rVV5	78764	249184	0.06%	0.022%
23	5.781	1343	1381	1406	rBV2	42384771	92663958	22.18%	8.164%
24	5.897	1411	1417	1433	rVB5	56314	155964	0.04%	0.014%
25	6.250	1514	1527	1552	rVB	450173	875986	0.21%	0.077%
26	6.520	1583	1611	1635	rBV	3598940	8607552	2.06%	0.758%
27	6.694	1653	1665	1675	rBV	385420	741377	0.18%	0.065%
28	6.784	1675	1693	1710	rVV2	4056655	9667219	2.31%	0.852%
29	6.999	1743	1760	1798	rVB	18789504	35159533	8.42%	3.098%
30	7.224	1819	1830	1843	rVB	191142	396039	0.09%	0.035%
31	7.305	1843	1855	1863	rBV	227776	477719	0.11%	0.042%
32	7.501	1886	1916	1931	rBV2	40422204	82803059	19.82%	7.295%
33	7.569	1931	1937	1956	rVB	320346	626064	0.15%	0.055%
34	7.810	2000	2012	2028	rVB	141287	303670	0.07%	0.027%
35	7.903	2028	2041	2051	rBV	921766	1729364	0.41%	0.152%
36	7.996	2051	2070	2085	rBV3	45029694	99180180	23.74%	8.738%

LSC Area Percent Report

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Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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	8.189	2119	2130	2142	rVB	162982	309873	0.07%	0.027%
38	8.376	2169	2188	2220	rBV	4163781	9976087	2.39%	0.879%
39	8.642	2235	2271	2283	rBV6	97109864	417729125	100.00%	36.803%
40	8.694	2283	2287	2297	rVV	681470	1042667	0.25%	0.092%
41	8.755	2297	2306	2336	rVB	935099	1905348	0.46%	0.168%
42	8.916	2345	2356	2376	rVB3	99781	246759	0.06%	0.022%
43	9.022	2377	2389	2404	rBV	671015	1125397	0.27%	0.099%
44	9.170	2423	2435	2458	rBV2	1733354	3243384	0.78%	0.286%
45	9.321	2474	2482	2486	rBV	76599	109478	0.03%	0.010%
46	9.369	2486	2497	2506	rVV	2400811	3811307	0.91%	0.336%
47	9.453	2506	2523	2545	rVV	23316022	39296558	9.41%	3.462%
48	9.556	2545	2555	2557	rVV	482557	644237	0.15%	0.057%
49	9.581	2558	2563	2571	rVV	868434	1337799	0.32%	0.118%
50	9.636	2571	2580	2594	rVB	645529	1160813	0.28%	0.102%
51	9.861	2630	2650	2662	rBV8	612269	1568422	0.38%	0.138%
52	9.941	2662	2675	2691	rVV	4618744	7701917	1.84%	0.679%
53	10.253	2752	2772	2789	rVB2	199609	426563	0.10%	0.038%
54	10.366	2789	2807	2813	rBV4	82687	208592	0.05%	0.018%
55	10.511	2843	2852	2861	rBV	95932	162820	0.04%	0.014%
56	10.575	2866	2872	2883	rVB4	58195	112351	0.03%	0.010%
57	10.652	2883	2896	2918	rBV	2692597	4487695	1.07%	0.395%
58	10.787	2918	2938	2956	rBV	12412453	21488529	5.14%	1.893%
59	10.932	2974	2983	2987	rBV	289966	448644	0.11%	0.040%
60	10.974	2987	2996	3018	rVB	3133222	5043632	1.21%	0.444%
61	11.195	3052	3065	3072	rBV2	482388	802506	0.19%	0.071%
62	11.250	3072	3082	3104	rVB	3285517	5385350	1.29%	0.474%
63	11.375	3110	3121	3138	rBV	589406	922005	0.22%	0.081%
64	11.465	3139	3149	3154	rBV3	123901	199274	0.05%	0.018%
65	11.507	3154	3162	3176	rVB	1054176	1636161	0.39%	0.144%
66	11.591	3176	3188	3211	rBV4	320187	700081	0.17%	0.062%
67	11.752	3220	3238	3250	rBV	9257778	15643405	3.74%	1.378%
68	11.813	3250	3257	3267	rVV	947634	1573731	0.38%	0.139%
69	11.883	3267	3279	3291	rVV	3007428	5066592	1.21%	0.446%
70	11.954	3291	3301	3313	rVV	671448	1178270	0.28%	0.104%
71	12.022	3313	3322	3331	rVV	364467	557737	0.13%	0.049%
72	12.109	3341	3349	3357	rVV2	69511	102223	0.02%	0.009%
73	12.211	3364	3381	3398	rVB	12808241	21530576	5.15%	1.897%
74	12.472	3449	3462	3481	rVB	2139681	3329677	0.80%	0.293%
75	12.620	3498	3508	3519	rBV3	122808	209458	0.05%	0.018%
76	12.707	3519	3535	3547	rVV	2861817	4275584	1.02%	0.377%

LSC Area Percent Report

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Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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	12.793	3554	3562	3572	rVB	141606	207241	0.05%	0.018%
78	12.877	3578	3588	3590	rBV	181069	241864	0.06%	0.021%
79	12.909	3590	3598	3606	rVV	1089047	1737412	0.42%	0.153%
80	12.970	3606	3617	3648	rVB	14592806	22899478	5.48%	2.018%
81	13.160	3665	3676	3684	rBV3	103287	184298	0.04%	0.016%
82	13.215	3684	3693	3703	rVV	410314	613912	0.15%	0.054%
83	13.327	3717	3728	3735	rBV	2309897	3683560	0.88%	0.325%
84	13.382	3735	3745	3762	rVB	32531997	49151344	11.77%	4.330%
85	13.710	3830	3847	3858	rBV3	159241	368276	0.09%	0.032%
86	13.777	3859	3868	3873	rBV	774237	1259548	0.30%	0.111%
87	14.047	3942	3952	3969	rVV5	288092	521378	0.12%	0.046%
88	14.211	3992	4003	4018	rVB3	108634	189599	0.05%	0.017%
89	14.301	4019	4031	4041	rBV5	63715	116477	0.03%	0.010%
90	14.362	4041	4050	4059	rVV2	234827	365173	0.09%	0.032%
91	14.433	4059	4072	4081	rVV	5713356	8756751	2.10%	0.771%
92	14.501	4081	4093	4111	rVV	33713609	54939302	13.15%	4.840%
93	14.594	4113	4122	4146	rVB2	264476	537343	0.13%	0.047%
94	14.957	4220	4235	4252	rVV5	967272	2265386	0.54%	0.200%
95	15.285	4326	4337	4342	rBV2	106631	183938	0.04%	0.016%
96	15.317	4342	4347	4357	rVB2	96192	153092	0.04%	0.013%
97	15.549	4404	4419	4454	rVV	32116549	49992244	11.97%	4.404%
98	15.690	4455	4463	4479	rVB	86048	151108	0.04%	0.013%
99	15.893	4510	4526	4543	rVB	419576	1083046	0.26%	0.095%
100	16.388	4658	4680	4688	rBV2	178315	317637	0.08%	0.028%

Sum of corrected areas: 1135037854

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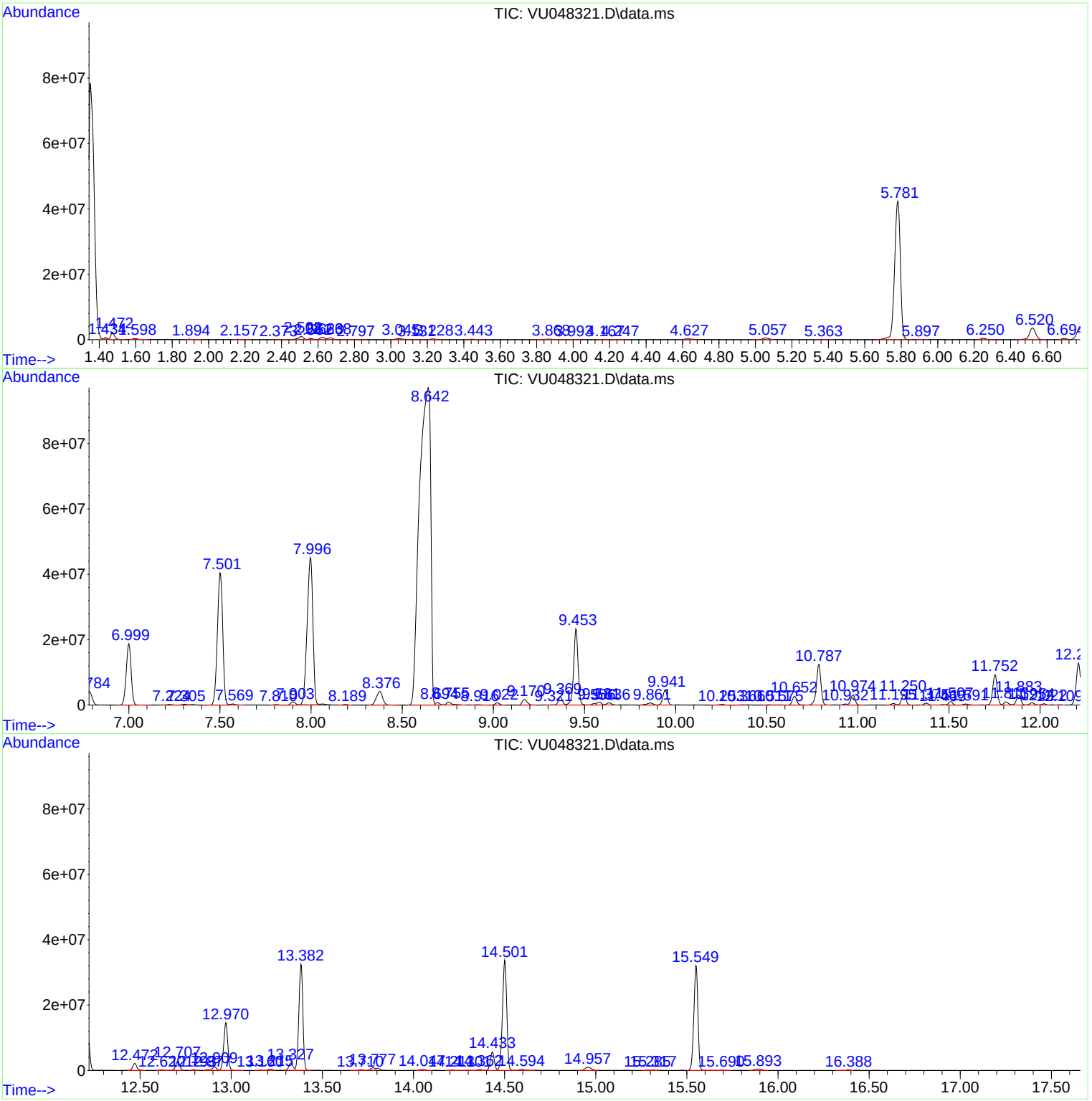
Instrument :
MSVOA_U
ClientSampleId :
EXET5

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 : VU048321.D
Acq On : 27 Apr 2022 17:46
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

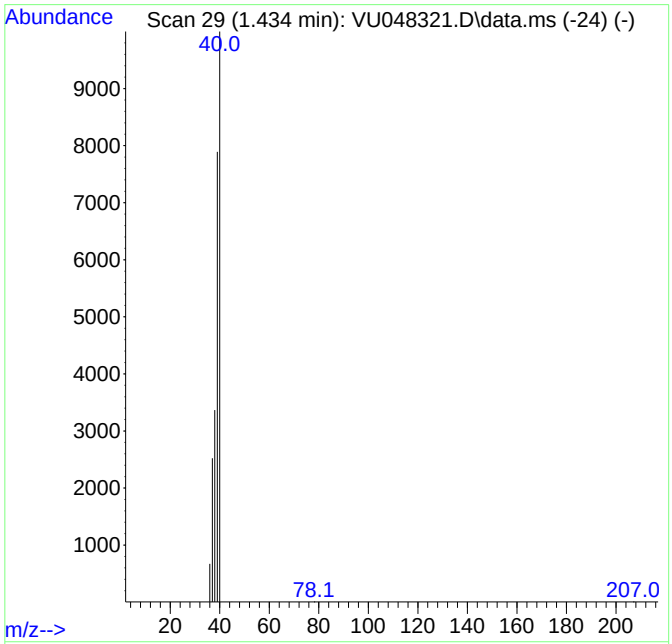
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

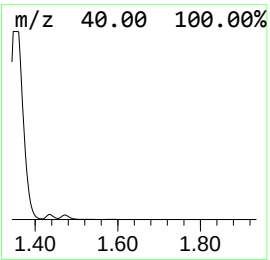
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

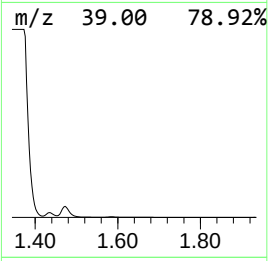
****
Peak Number 1 Allene Concentration Rank 25

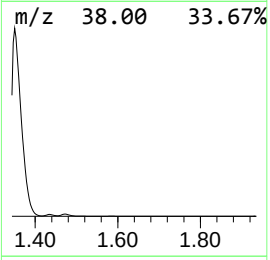
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.434	26.96 ug/L	472368	1,4-Difluorobenzene	6.250

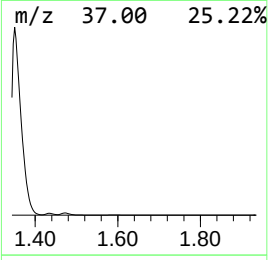
Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	90

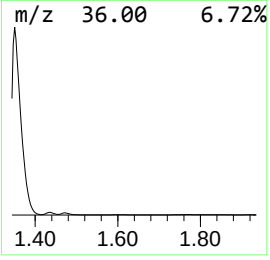


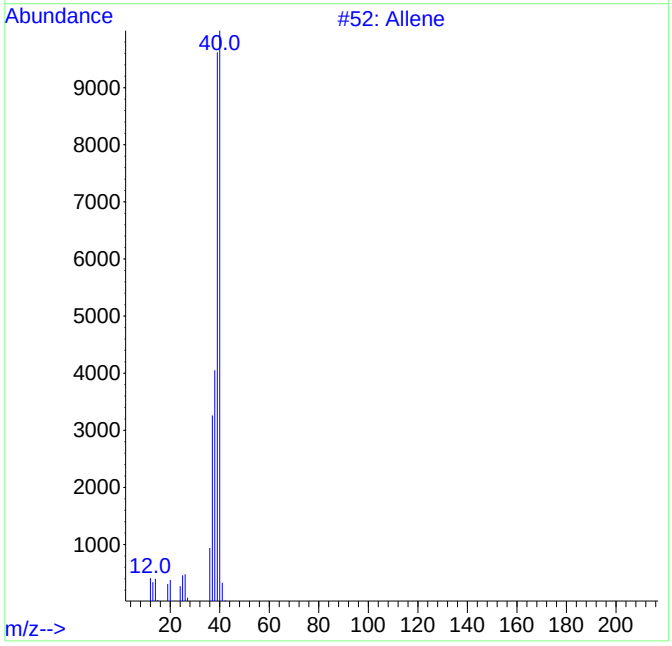












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Data File : VU048321.D
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Operator : SY/MD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

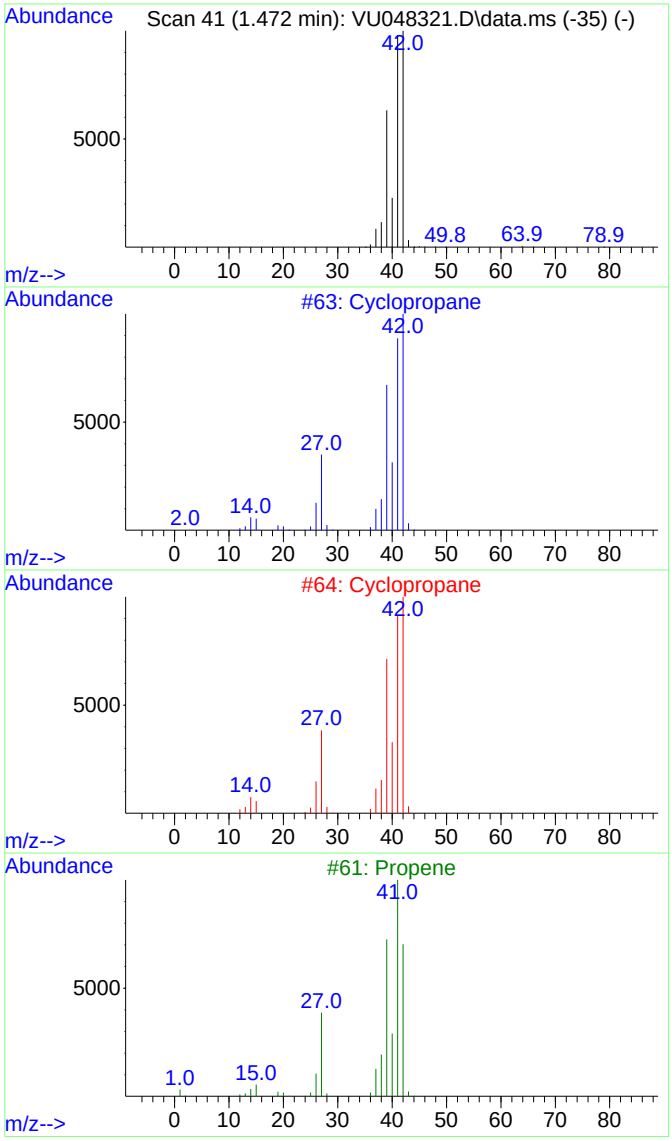
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

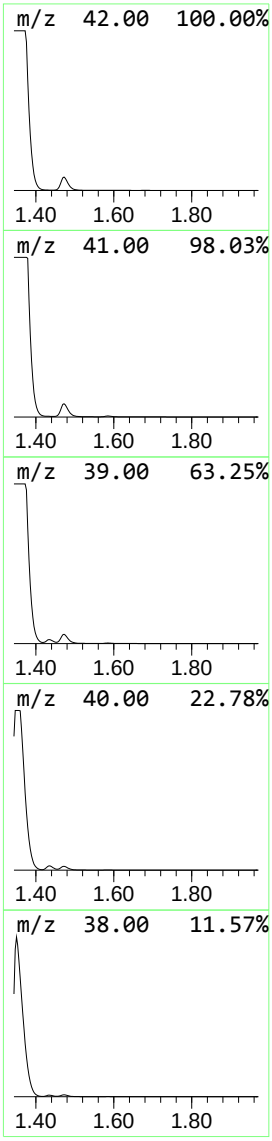
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic1.472 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	174.13 ug/L	3050610	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	90
2	Cyclopropane	42	C3H6	000075-19-4	90
3	Propene	42	C3H6	000115-07-1	83
4	Cyclopropane	42	C3H6	000075-19-4	45
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4





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MSVOA_U
ClientSampleId :
EXET5

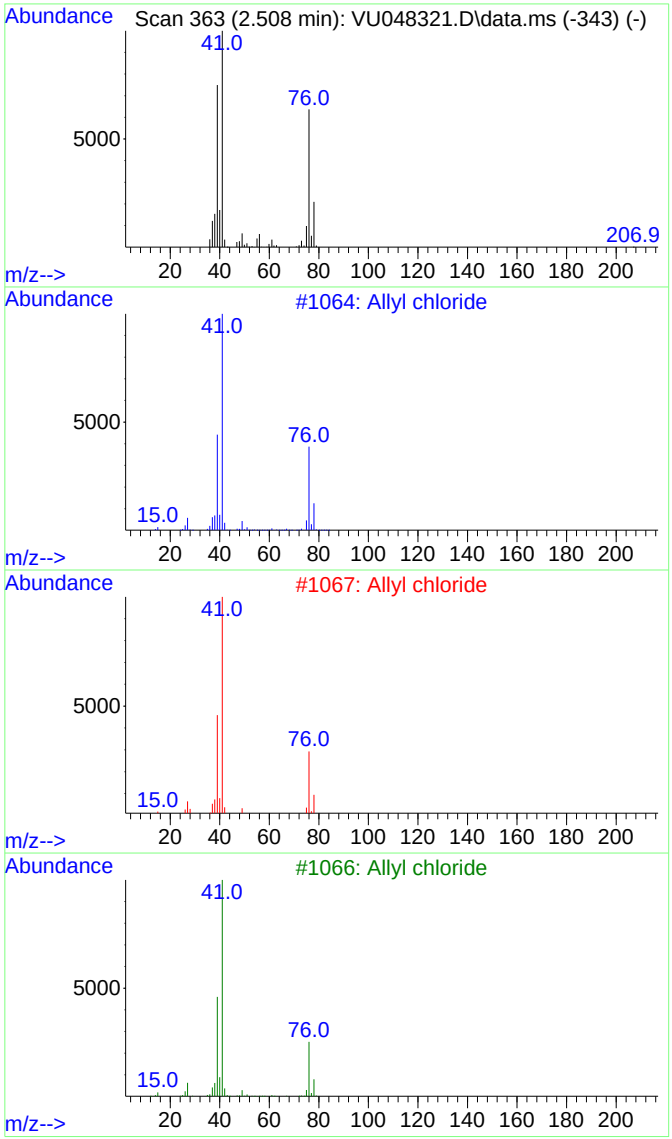
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

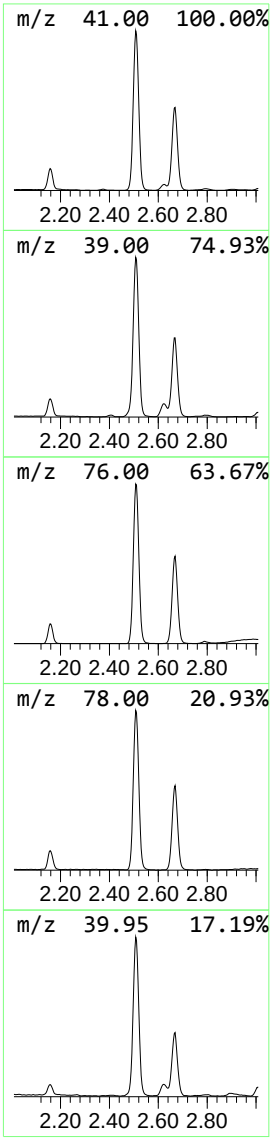
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Allyl chloride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.508	114.83 ug/L	2011770	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	90
2	Allyl chloride	76	C3H5Cl	000107-05-1	86
3	Allyl chloride	76	C3H5Cl	000107-05-1	78
4	1,5-Hexadiyne	78	C6H6	000628-16-0	64
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	50





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Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

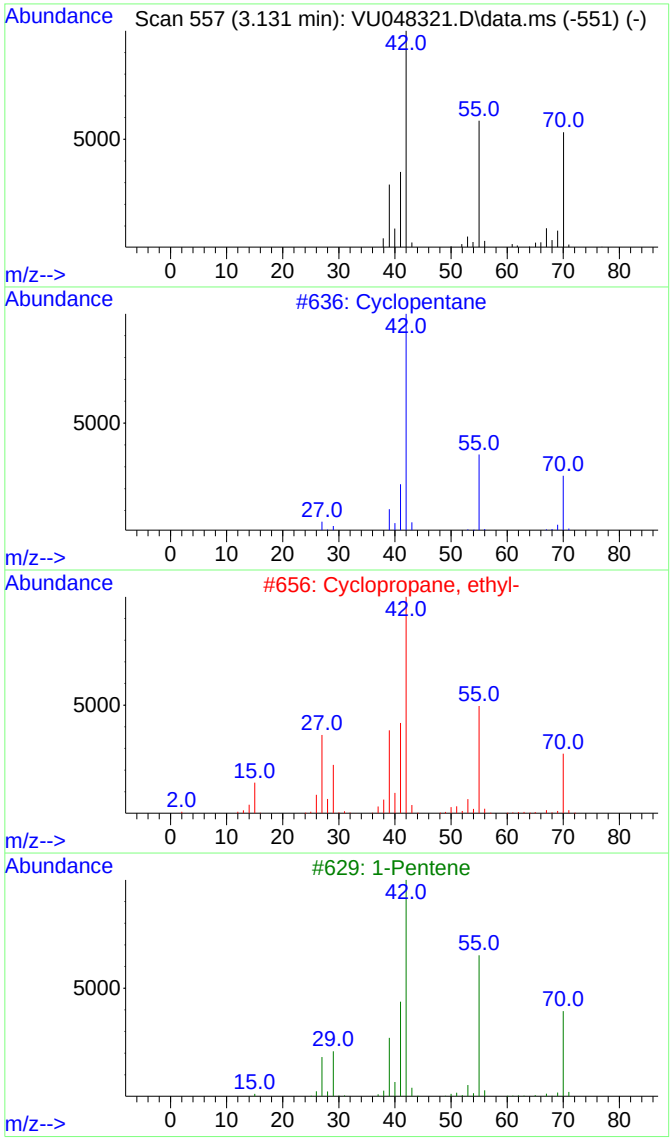
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

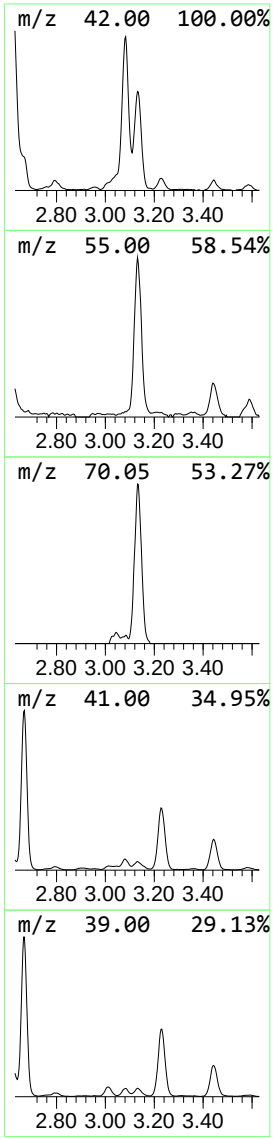
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.131 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.131	8.88 ug/L	155502	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	78
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	56
3	1-Pentene	70	C5H10	000109-67-1	50
4	1-Pentene	70	C5H10	000109-67-1	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

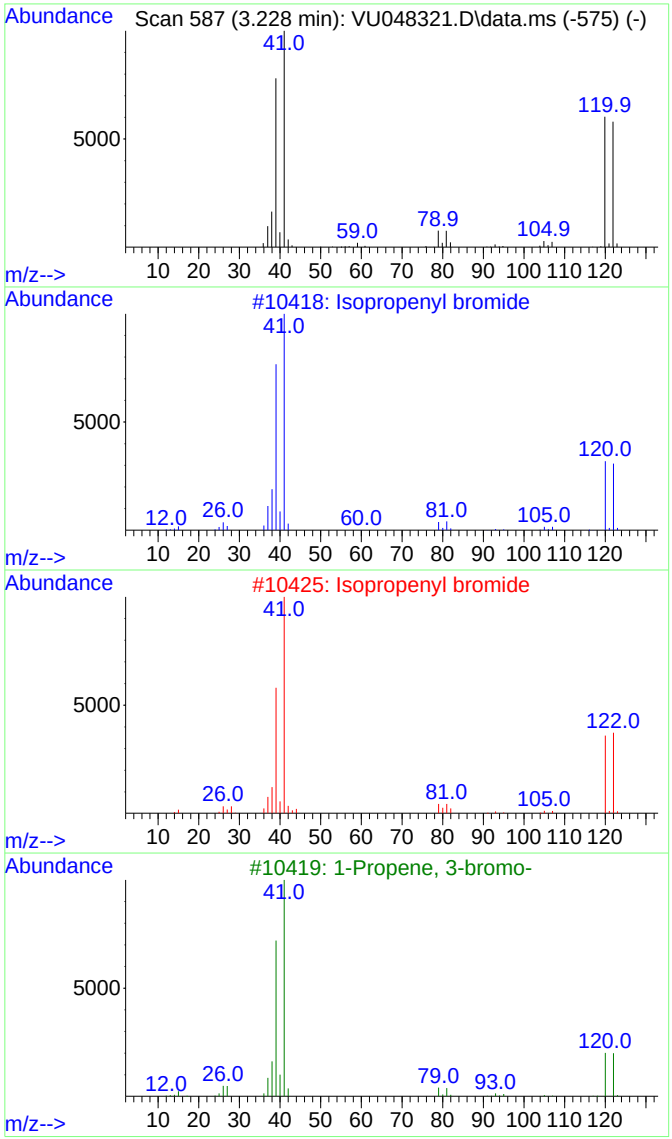
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

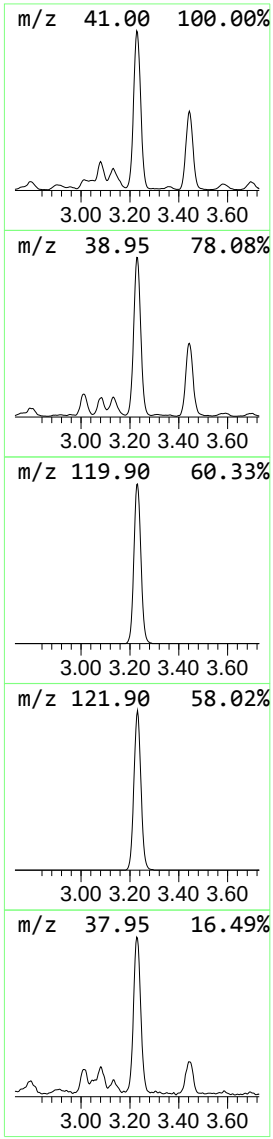
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isopropenyl bromide Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.228	25.66 ug/L	449554	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
3	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90
4	Cyclopropyl bromide	120	C3H5Br	004333-56-6	90
5	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

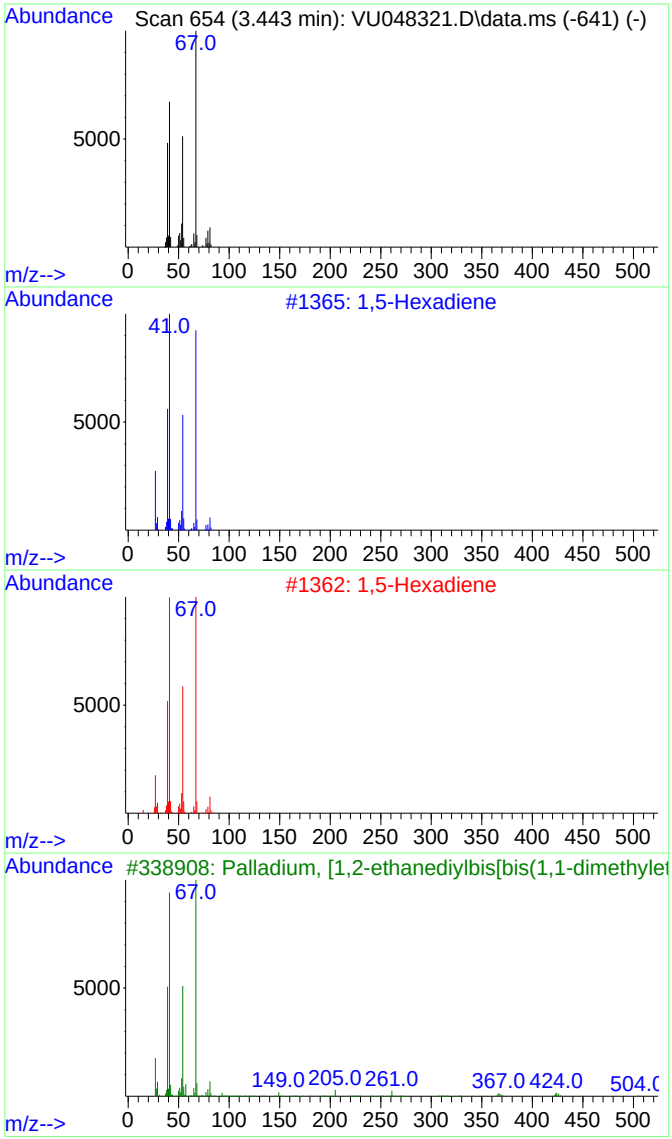
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

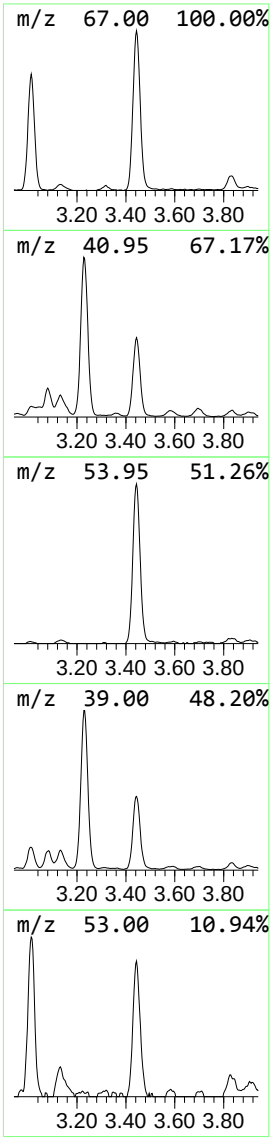
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,5-Hexadiene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.443	17.73 ug/L	310537	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	1,5-Hexadiene	82	C6H10	000592-42-7	76
5	1-Pentyne, 3-methyl-	82	C6H10	000922-59-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

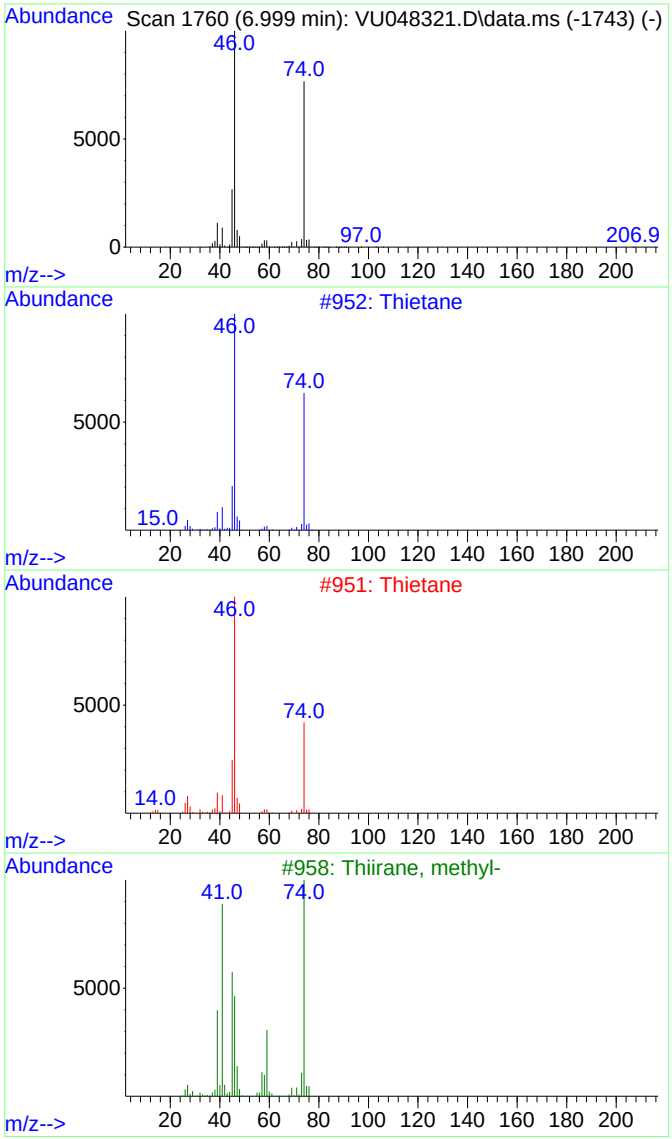
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

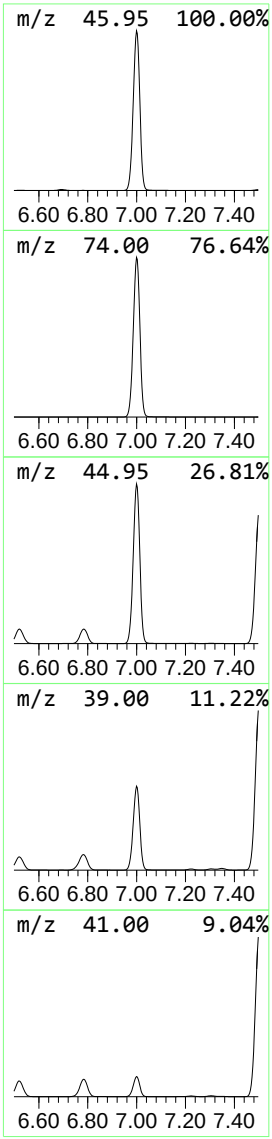
****

Peak Number 13 Thietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.999	2006.85 ug/L	35159500	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	9
4	1,3-Propanediol, 2-methyl-2-nitr...	225	C4H7N3O8	004055-94-1	9
5	Oxirane, (fluoromethyl)-	76	C3H5FO	000503-09-3	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

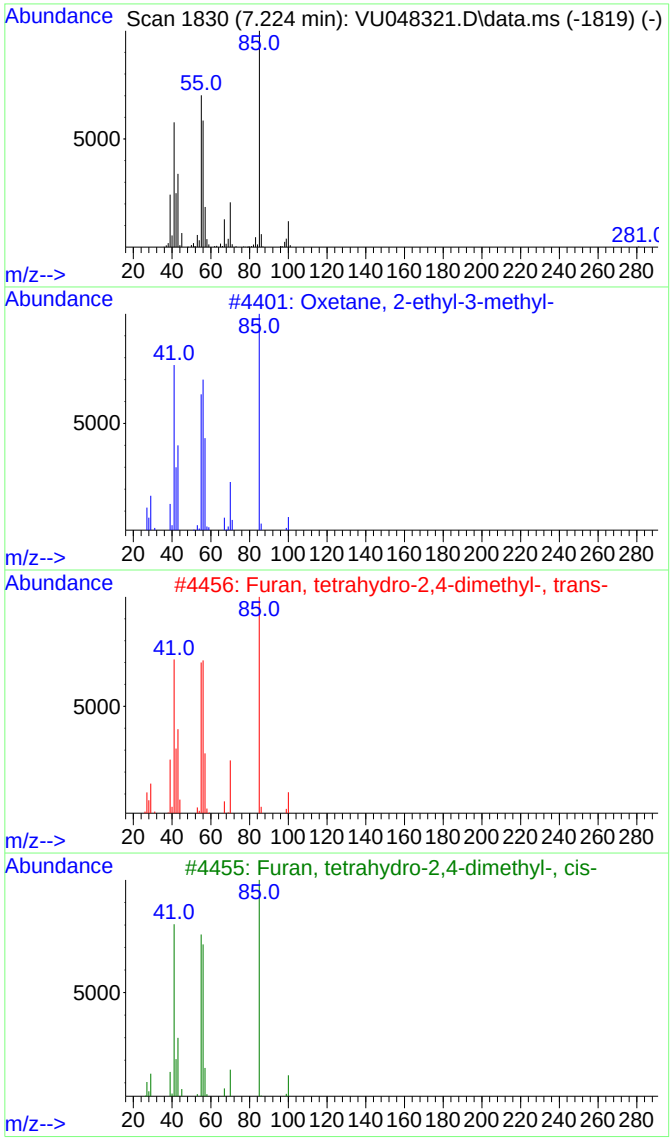
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

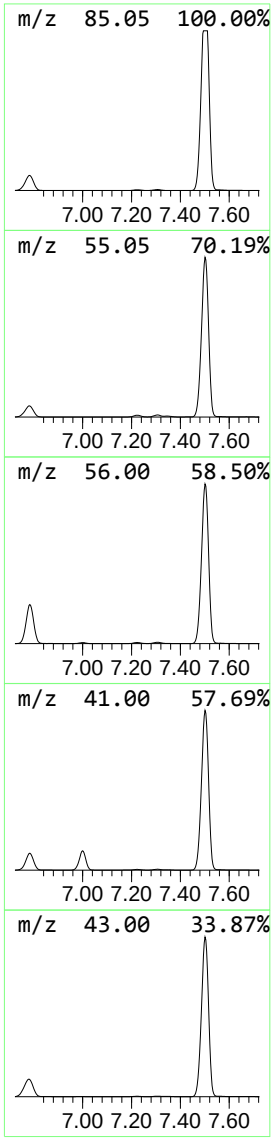
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Oxetane, 2-ethyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.224	22.61 ug/L	396039	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	91
2	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	90
3	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	90
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	68
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

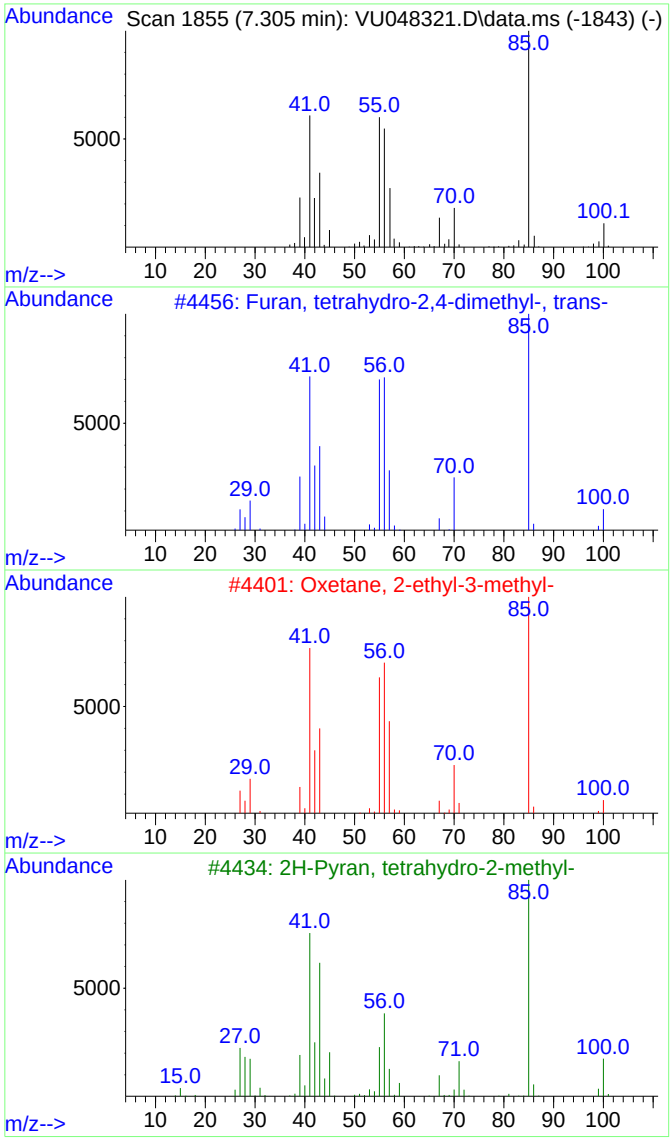
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

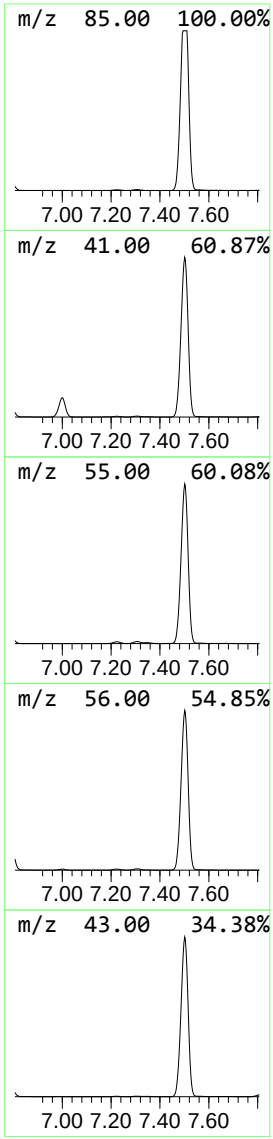
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Furan, tetrahydro-2,4-dimet... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.305	27.27 ug/L	477719	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	91
2	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	90
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

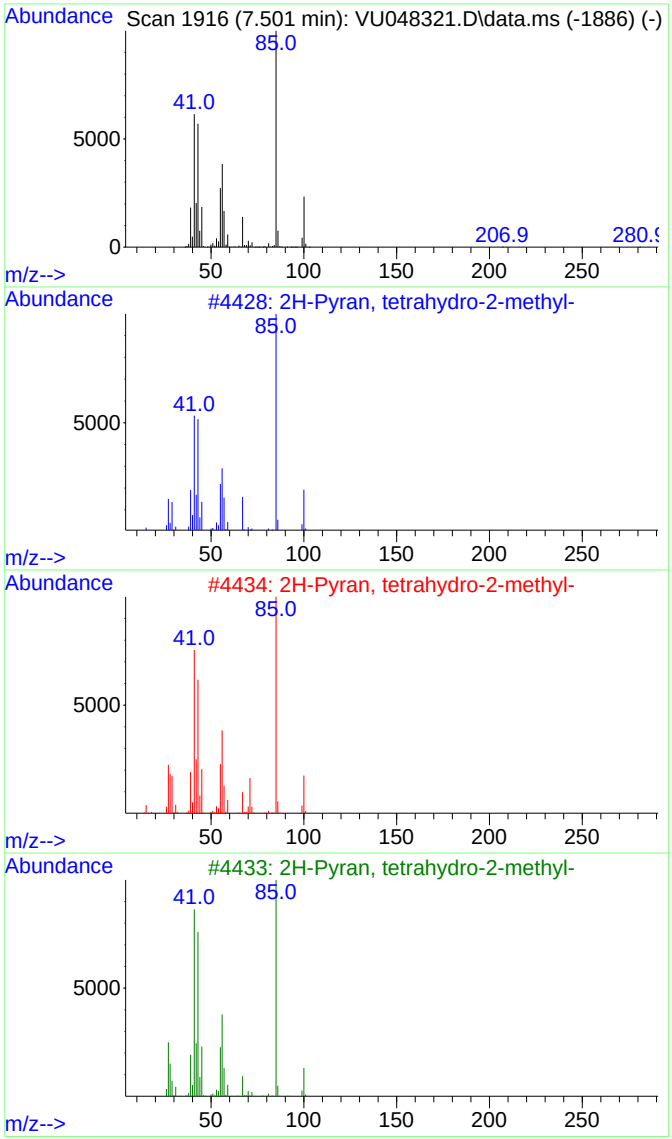
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

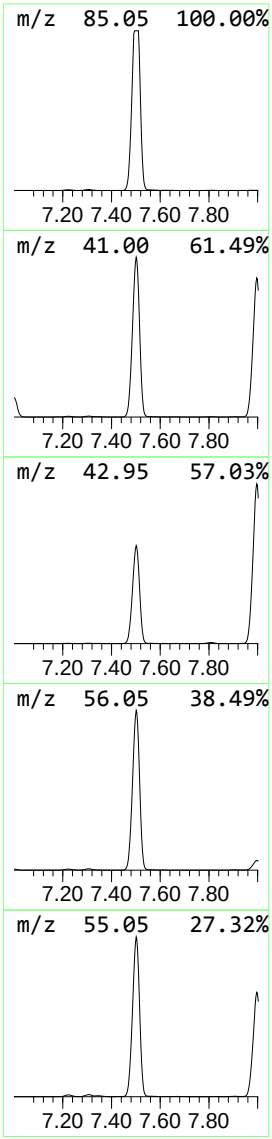
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	4726.28 ug/L	82803100	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	90
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	87
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	78
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

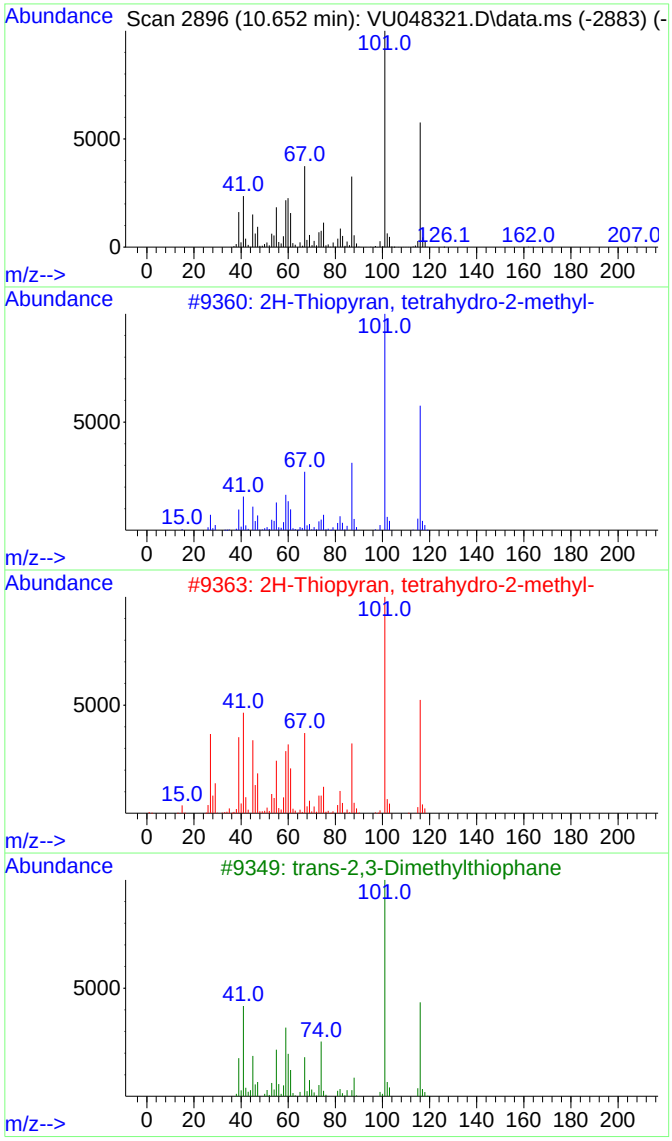
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

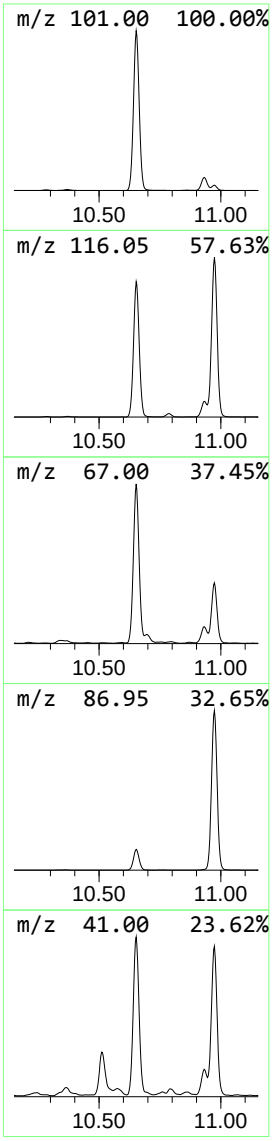
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2H-Thiopyran, tetrahydro-2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.652	142.58 ug/L	4487700	1,4-Dichlorobenzene-d4	11.813

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	94
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	80
5	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

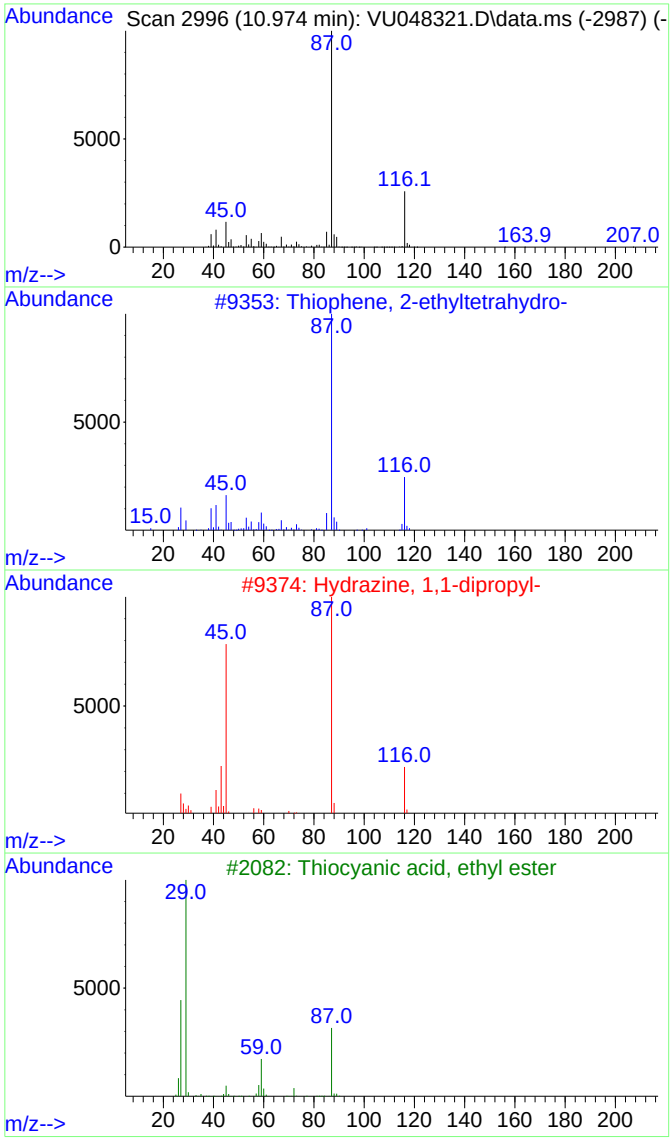
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

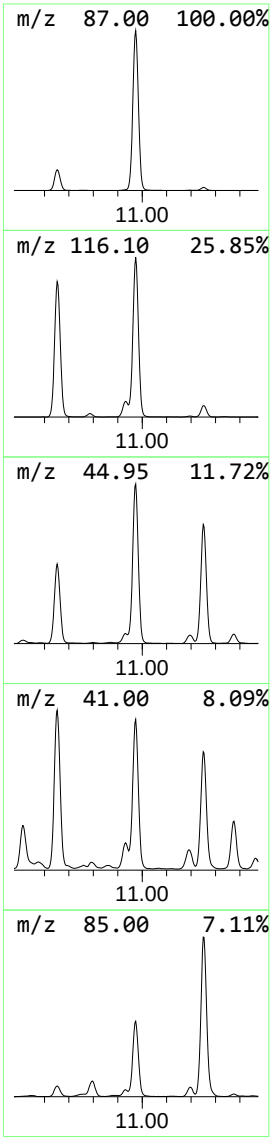
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Thiophene, 2-ethyltetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.974	160.24 ug/L	5043630	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	91
2	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	59
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	52
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	50
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

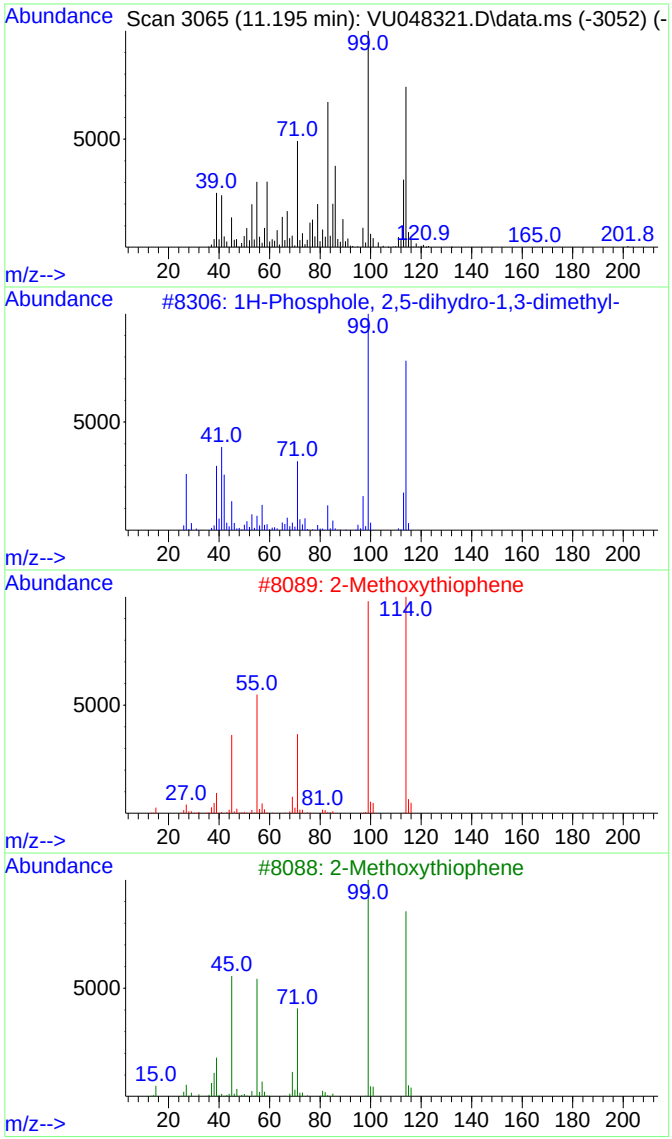
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

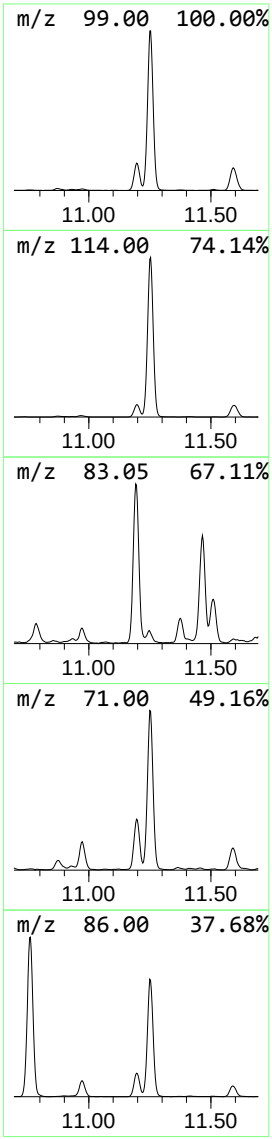
****

Peak Number 25 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.195	25.50 ug/L	802506	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phosphole, 2,5-dihydro-1,3-di...	114	C6H11P	015450-84-7	47
2	2-Methoxythiophene	114	C5H6OS	016839-97-7	46
3	2-Methoxythiophene	114	C5H6OS	016839-97-7	46
4	2-Methoxythiophene	114	C5H6OS	016839-97-7	43
5	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

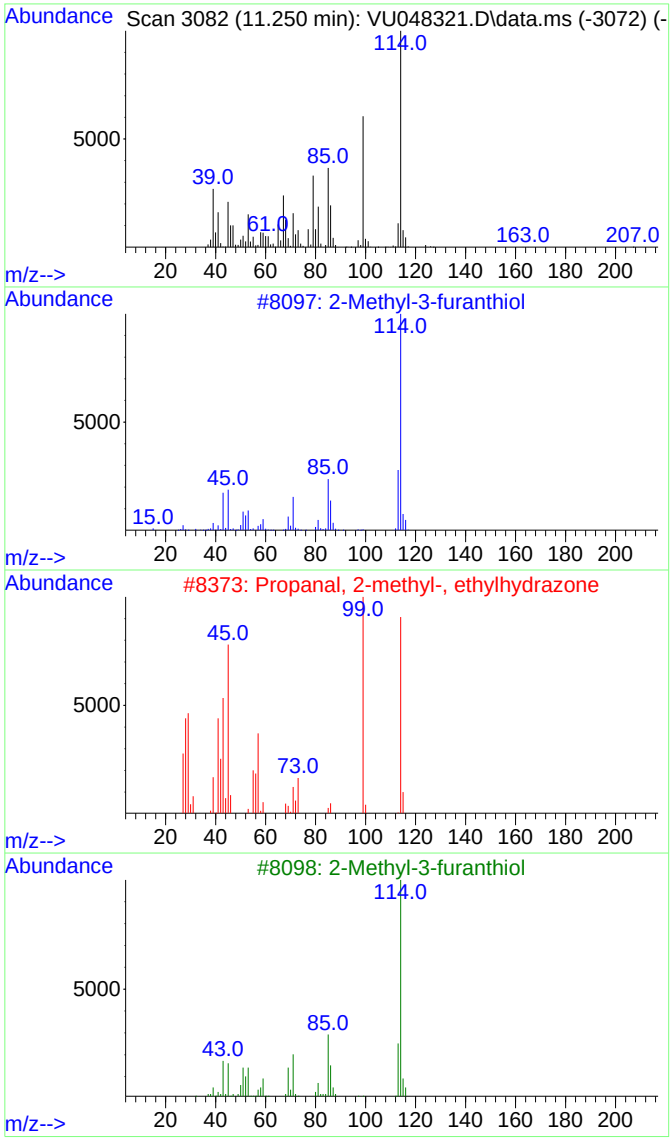
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

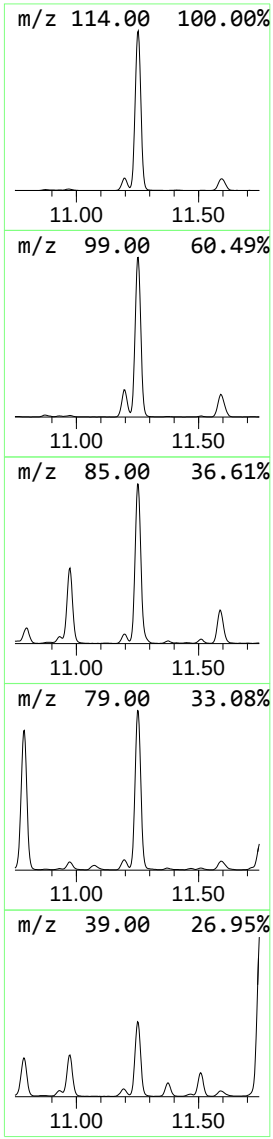
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	171.10 ug/L	5385350	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	43
2	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	38
3	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	38
4	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	38
5	3-Thiophenemethanol	114	C5H6OS	071637-34-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

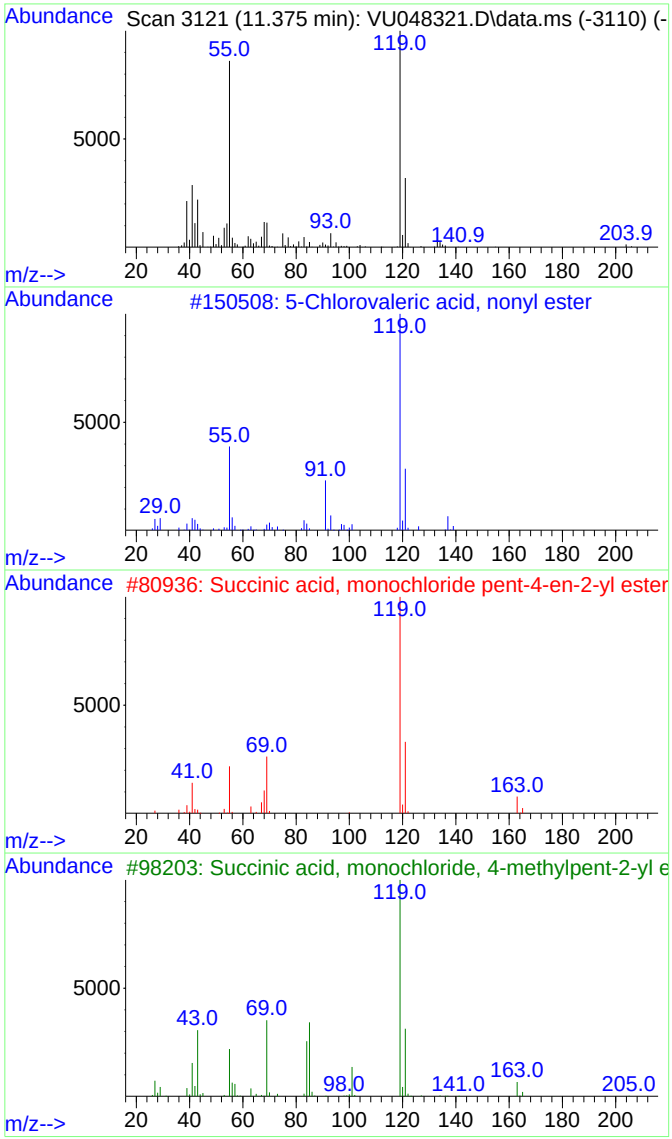
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

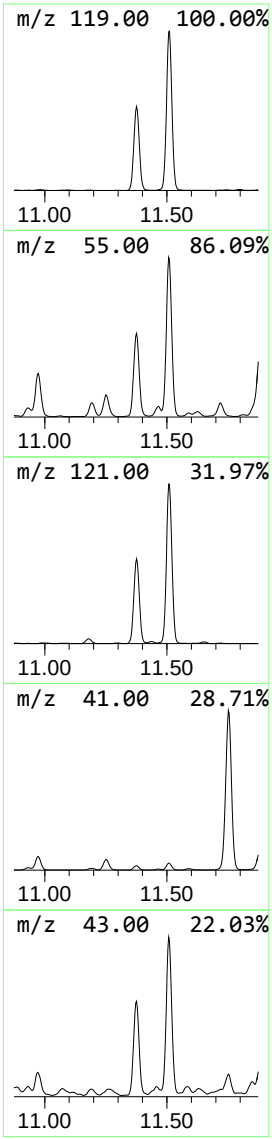
****

Peak Number 27 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.375	29.29 ug/L	922005	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chlorovaleric acid, nonyl ester	262	C14H27ClO2	052893-18-2	45
2	Succinic acid, monochloride pent...	204	C9H13ClO3	1000353-45-9	40
3	Succinic acid, monochloride, 4-m...	220	C10H17ClO3	1000349-24-0	38
4	N-Phenylbarbituric acid	204	C10H8N2O3	015018-50-5	37
5	1,2-Benzenediol, O-methoxycarbon...	286	C16H14O5	1000329-75-7	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

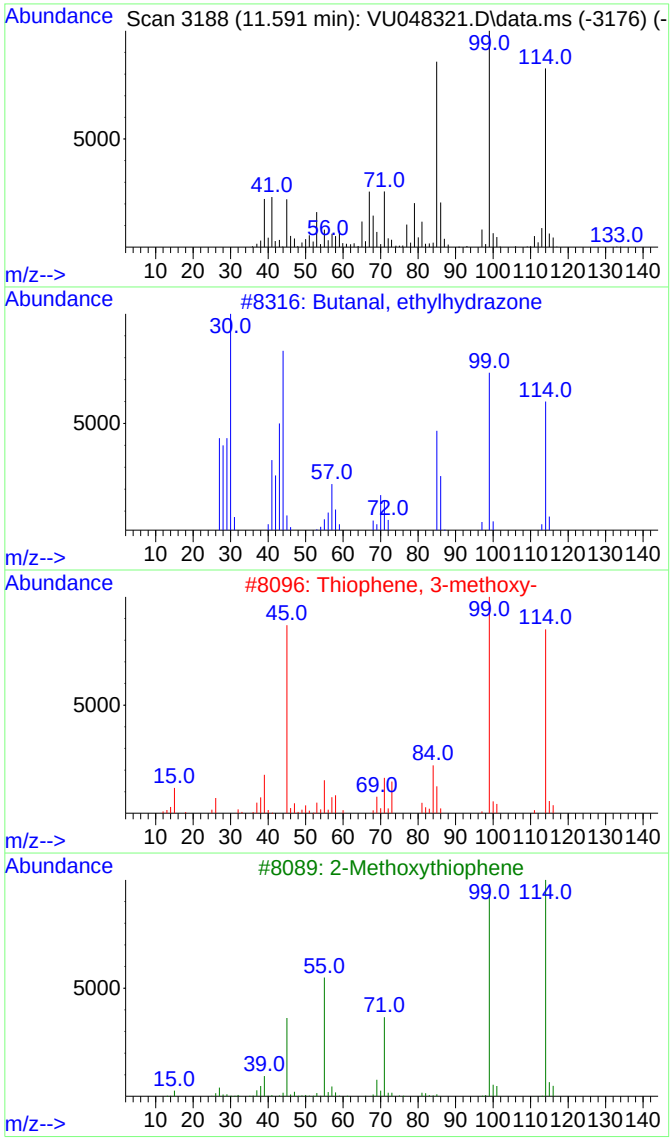
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

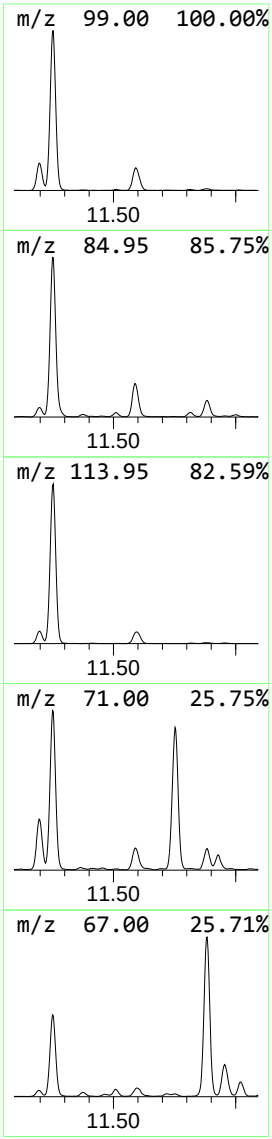
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.591	22.24 ug/L	700081	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	49
2	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	38
3	2-Methoxythiophene	114	C5H6OS	016839-97-7	38
4	2-Thiophenemethanol	114	C5H6OS	000636-72-6	38
5	3-Penten-2-one, 4-methoxy-	114	C6H10O2	002845-83-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

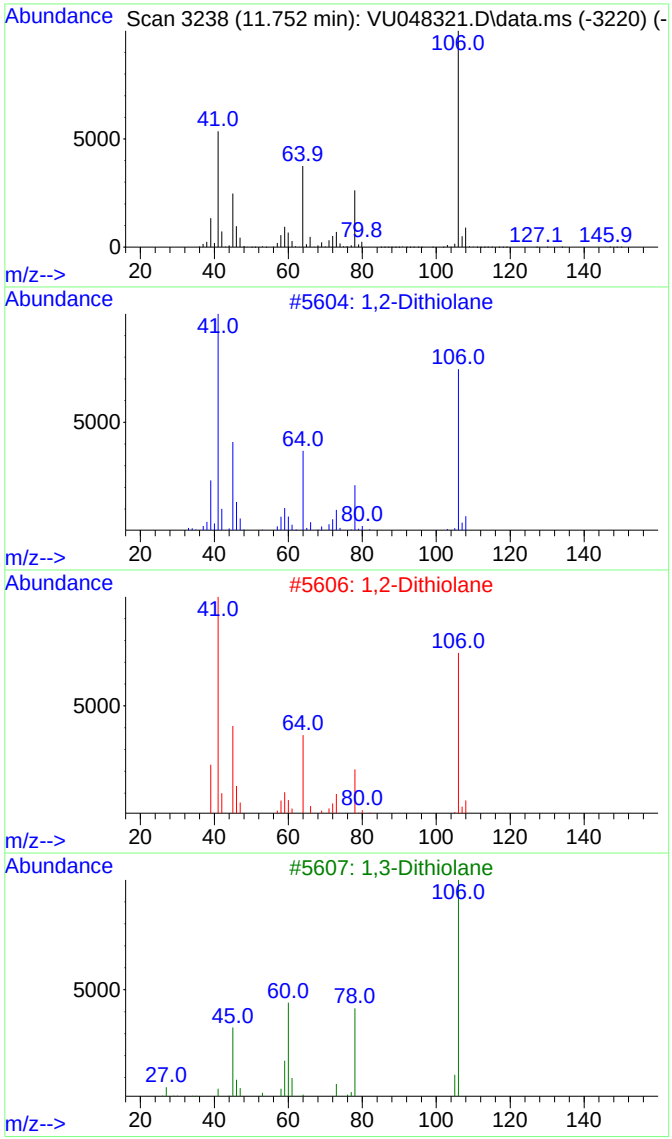
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

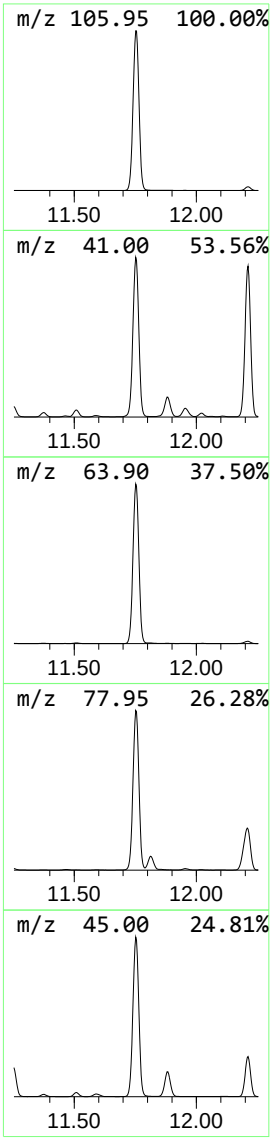
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,2-Dithiolane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.752	497.02 ug/L	15643400	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dithiolane	106	C3H6S2	000557-22-2	91
2	1,2-Dithiolane	106	C3H6S2	000557-22-2	83
3	1,3-Dithiolane	106	C3H6S2	004829-04-3	64
4	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	32
5	1,3-Dithiolane	106	C3H6S2	004829-04-3	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

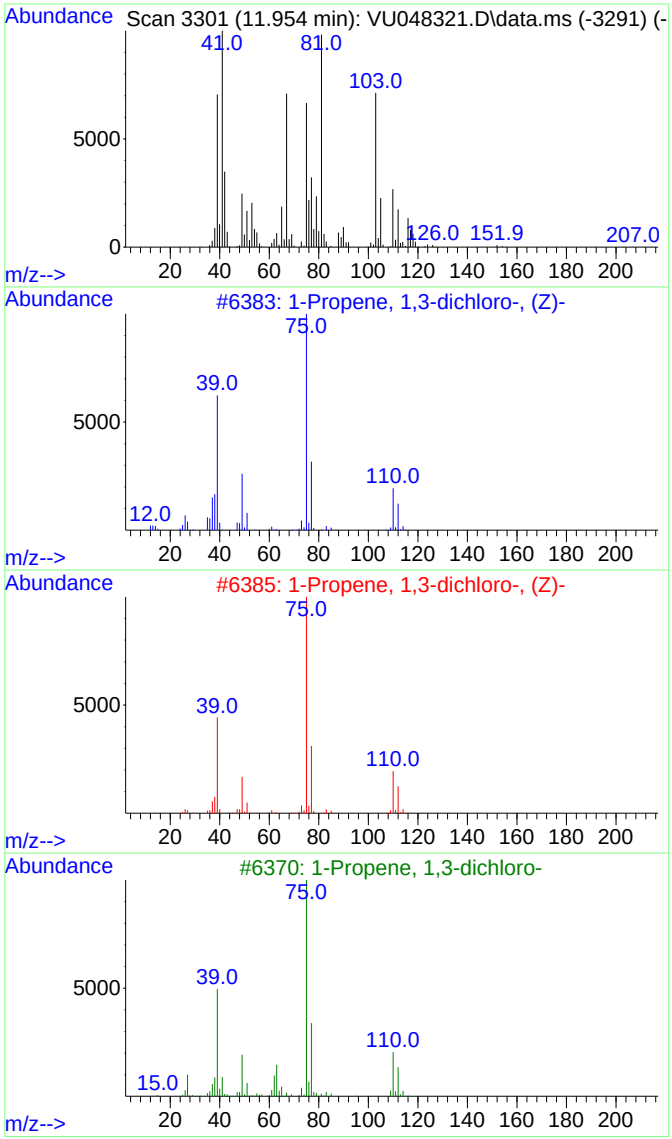
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

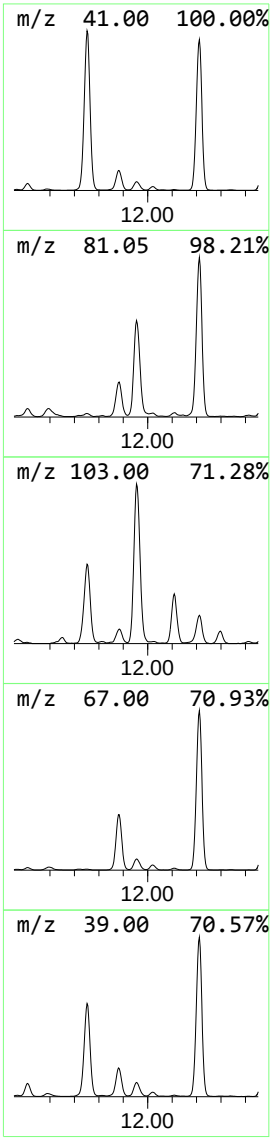
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.954	37.44 ug/L	1178270	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	30
2	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	27
3	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	27
4	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	25
5	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

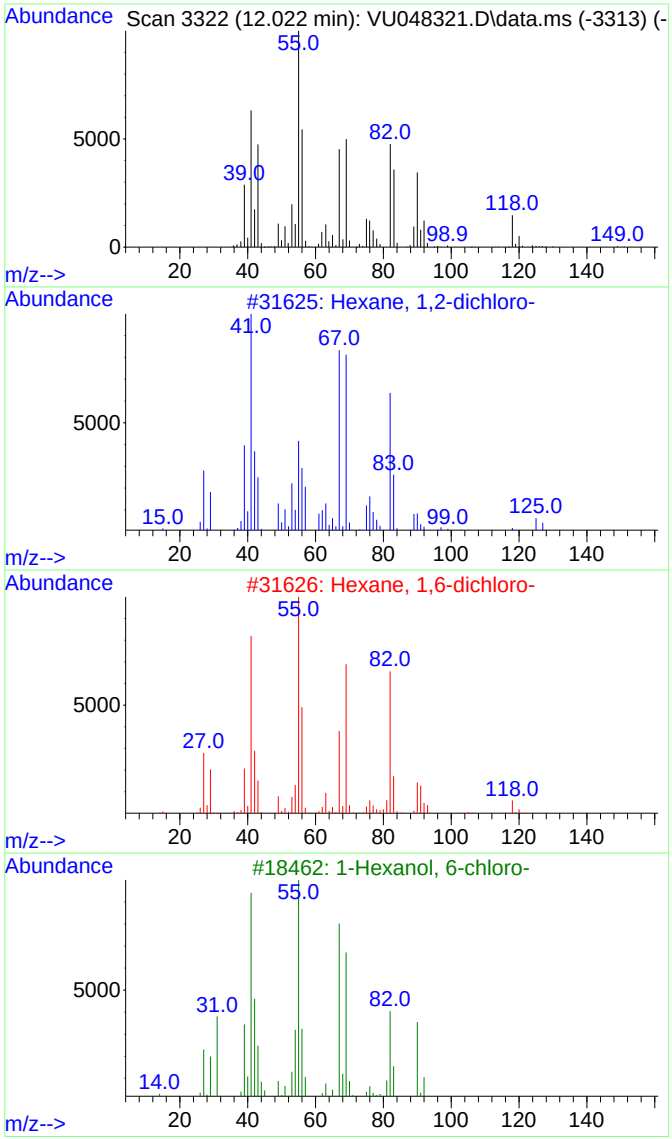
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

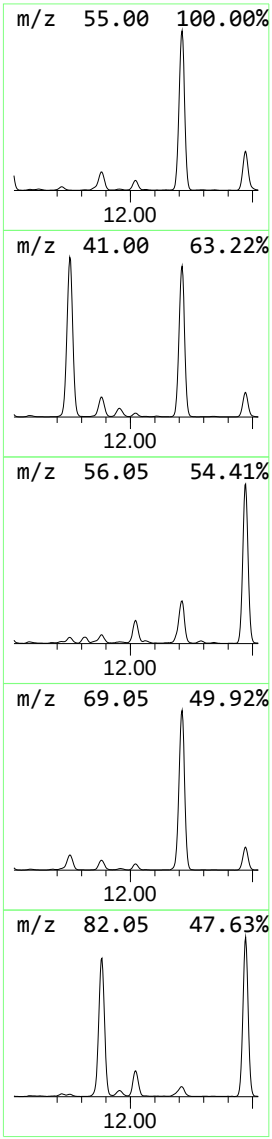
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 unknown-06 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	17.72 ug/L	557737	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dichloro-	154	C6H12Cl2	002162-92-7	38
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	38
3	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	37
4	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	32
5	1-Hexene, 3-chloro-	118	C6H11Cl	053101-38-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

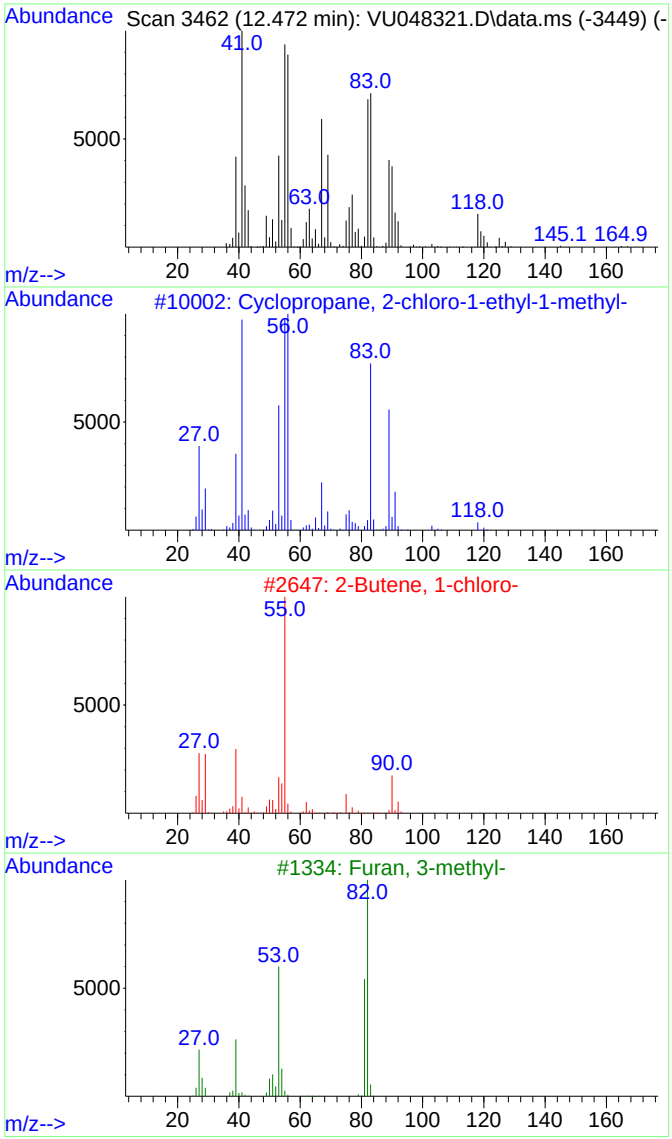
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

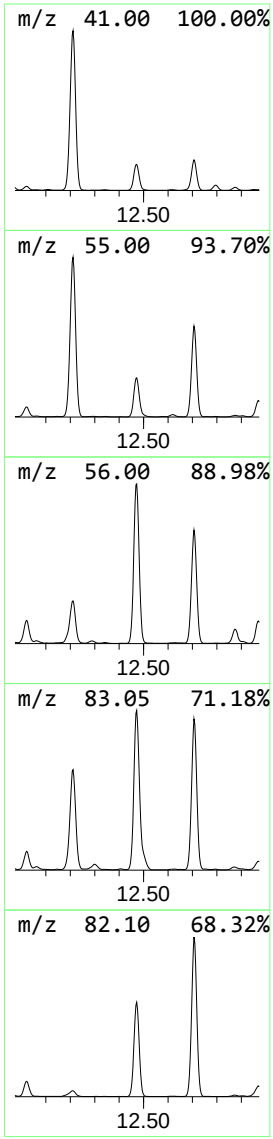
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclopropane, 2-chloro-1-et... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	105.79 ug/L	3329680	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	53
2	2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	38
3	Furan, 3-methyl-	82	C5H6O	000930-27-8	27
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	27
5	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

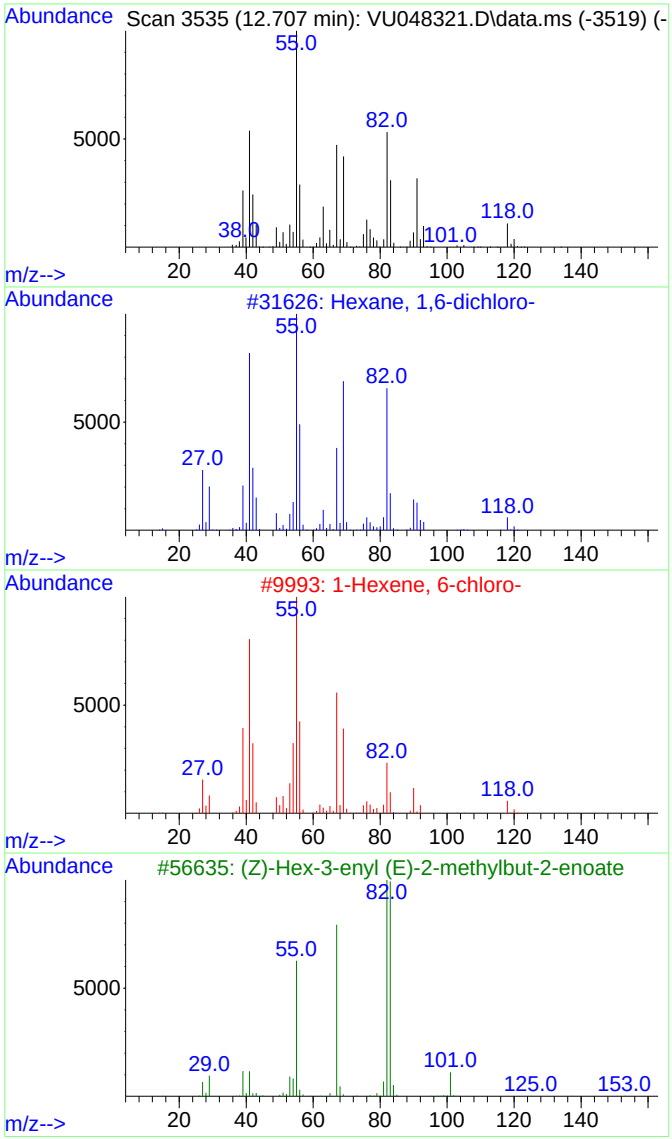
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

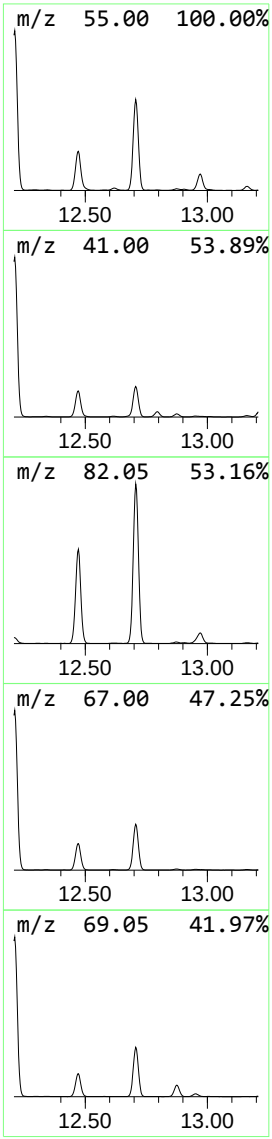
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.707	135.84 ug/L	4275580	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	45
2	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	38
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	35
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	33
5	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

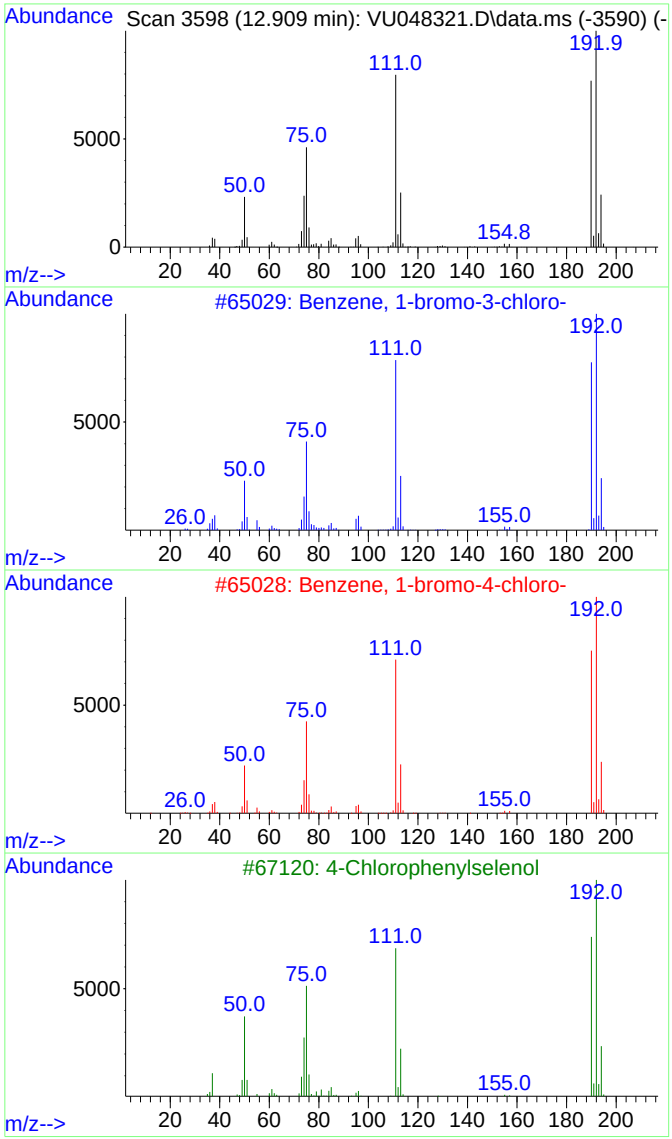
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

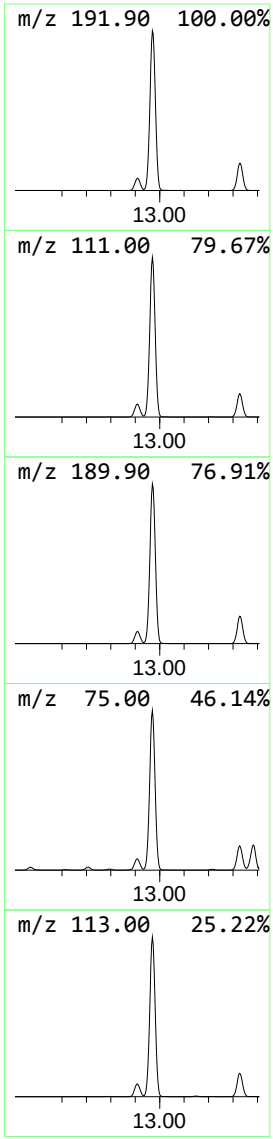
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1-bromo-3-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.909	55.20 ug/L	1737410	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

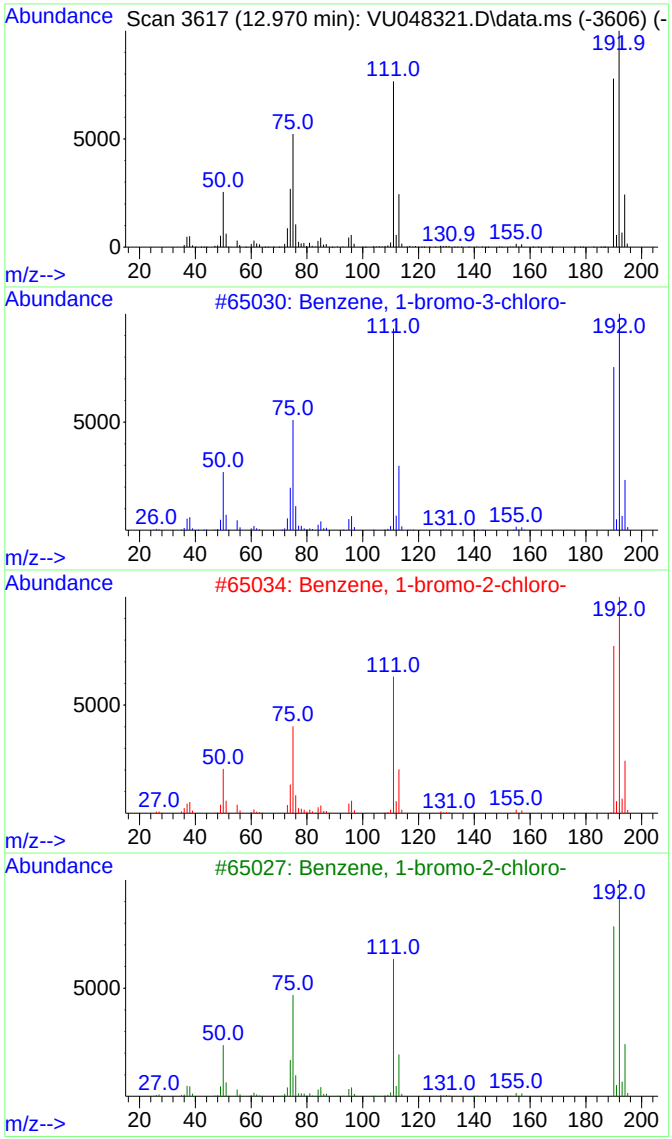
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

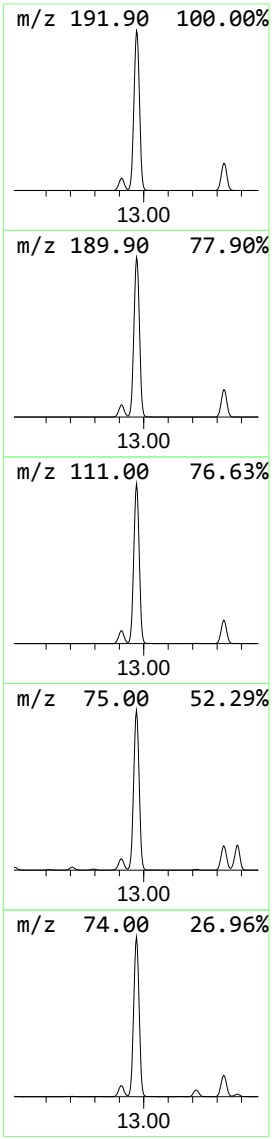
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	727.55 ug/L	22899500	1,4-Dichlorobenzene-d4	11.813

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

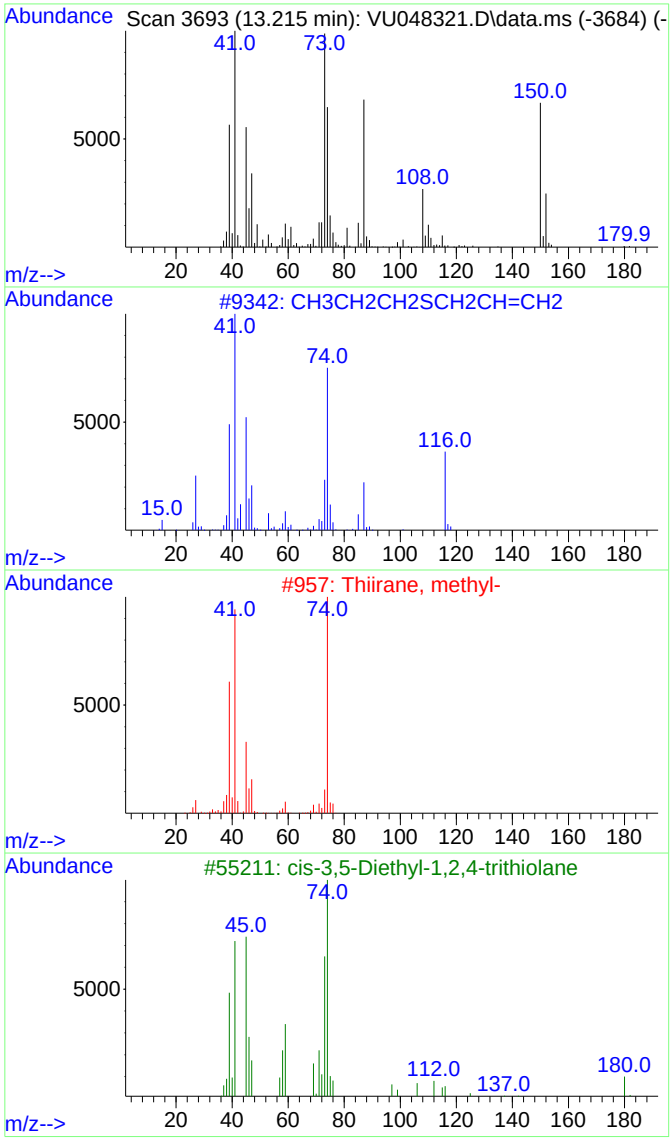
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

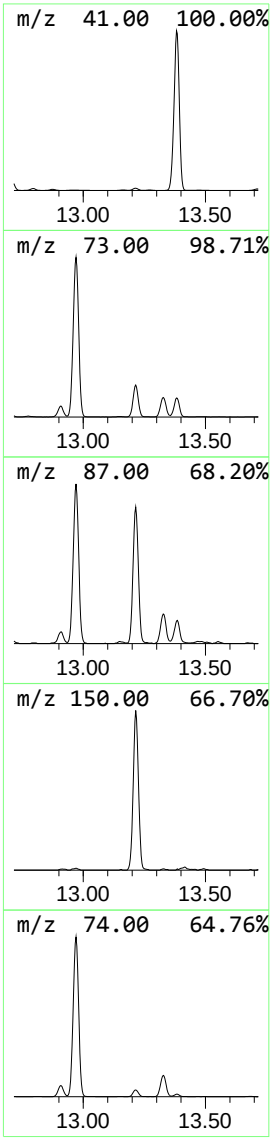
****

Peak Number 41 unknown-08 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.215	19.50 ug/L	613912	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CH3CH2CH2SCH2CH=CH2	116	C6H12S	027817-67-0	38
2	Thiirane, methyl-	74	C3H6S	001072-43-1	38
3	cis-3,5-Diethyl-1,2,4-trithiolane	180	C6H12S3	038348-25-3	35
4	(Methylthio)-acetonitrile	87	C3H5NS	035120-10-6	30
5	Methyl 8-methyl-decanoate	200	C12H24O2	1010336-49-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

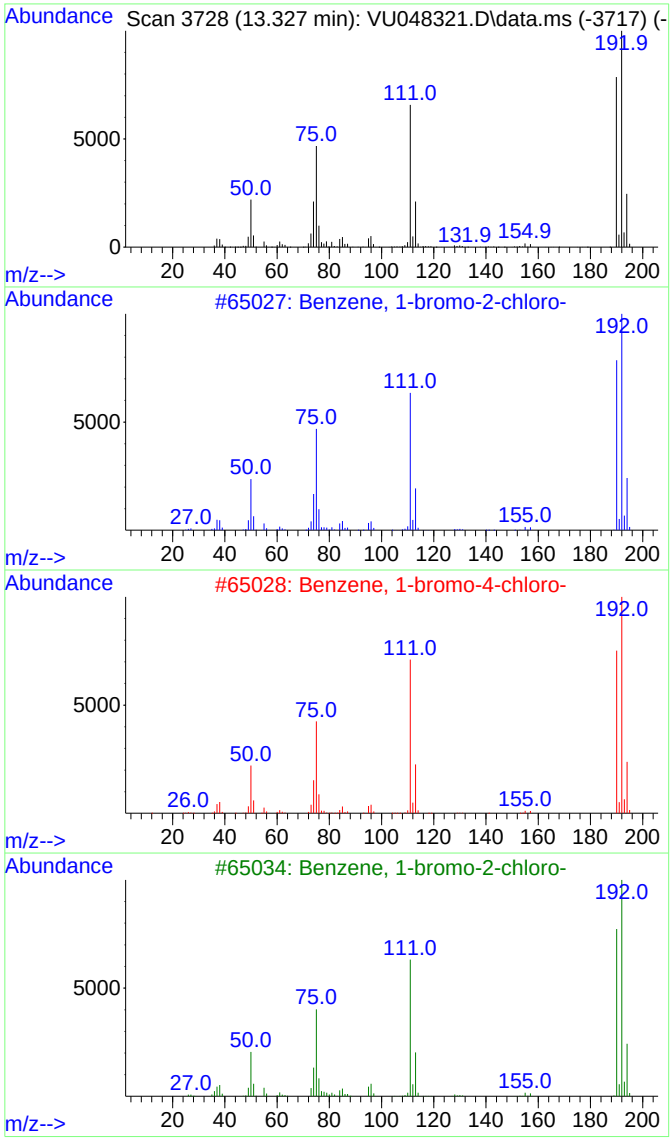
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

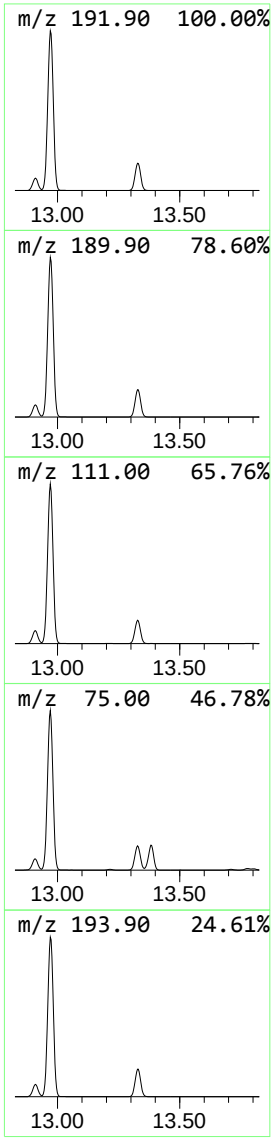
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-bromo-4-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	117.03 ug/L	3683560	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	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	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

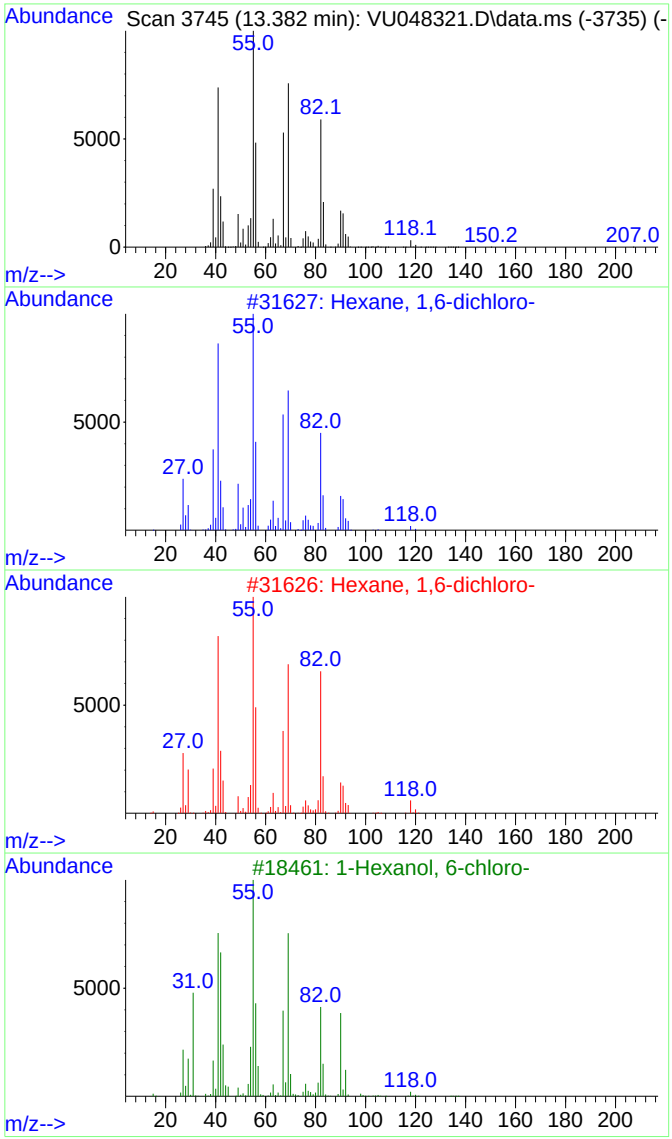
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

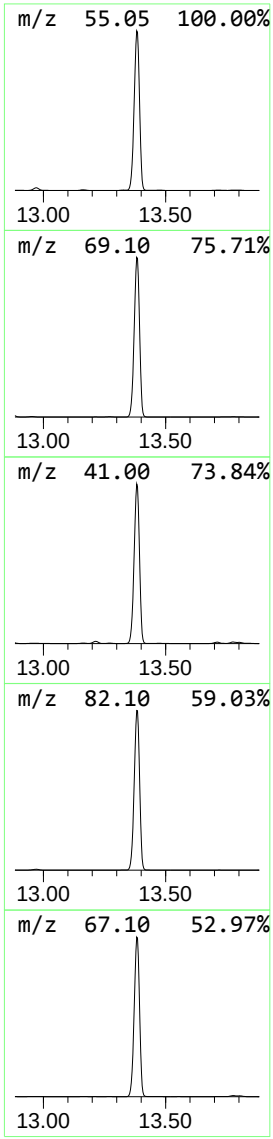
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Hexane, 1,6-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.382	1561.62 ug/L	49151300	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	90
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	86
3	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	56
4	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	47
5	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

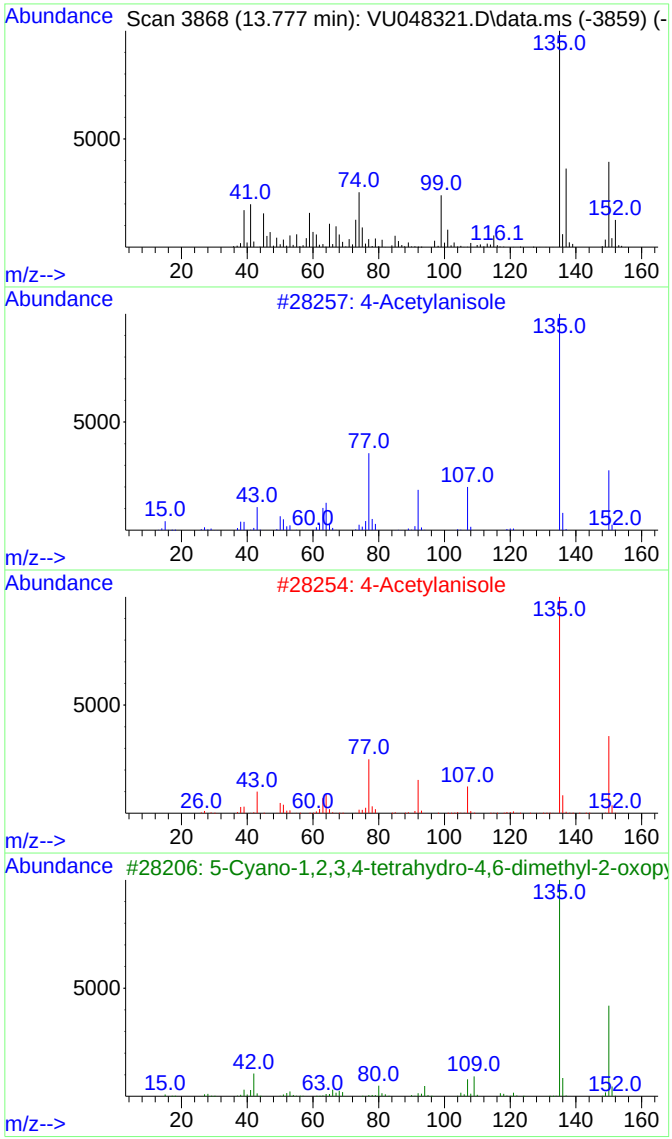
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

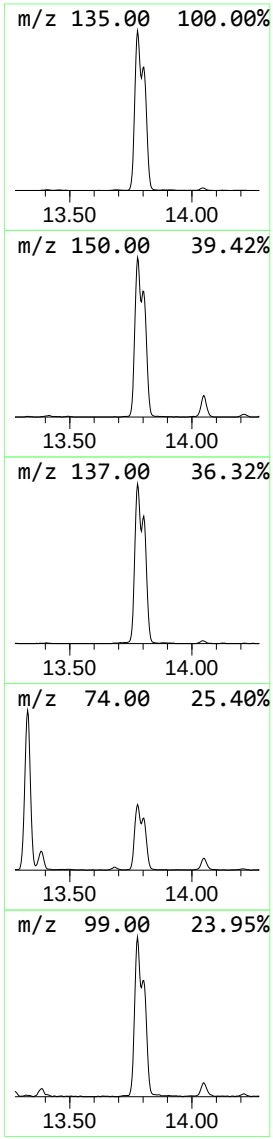
****

Peak Number 45 unknown-09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.777	40.02 ug/L	1259550	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetylanisole	150	C9H10O2	000100-06-1	46
2	4-Acetylanisole	150	C9H10O2	000100-06-1	43
3	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	43
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	43
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

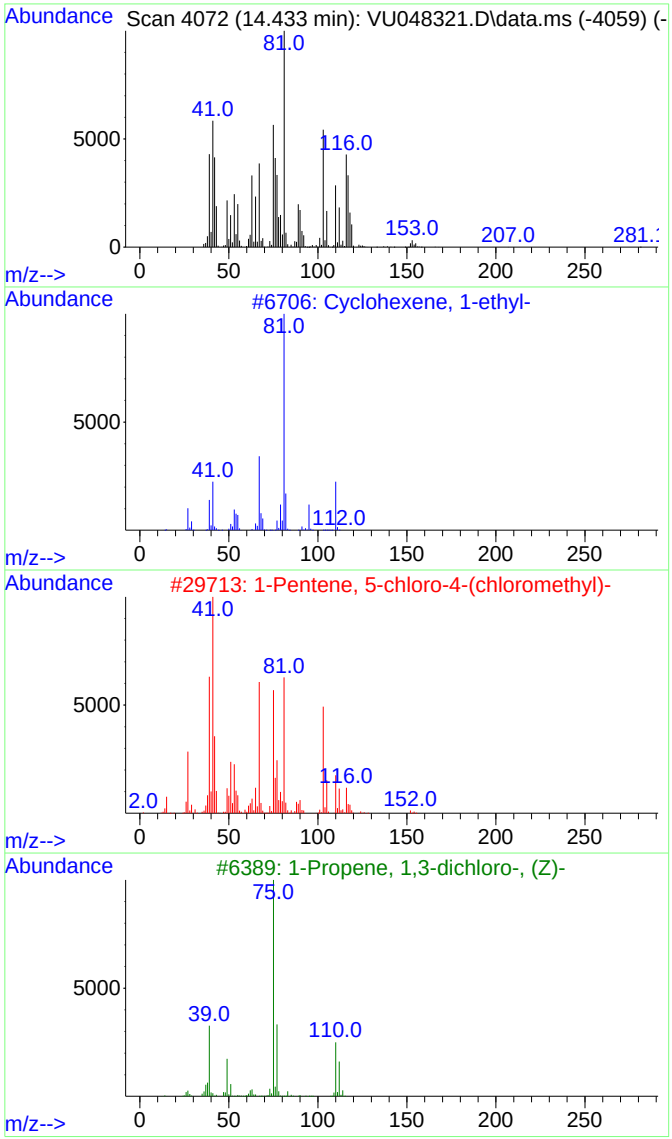
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

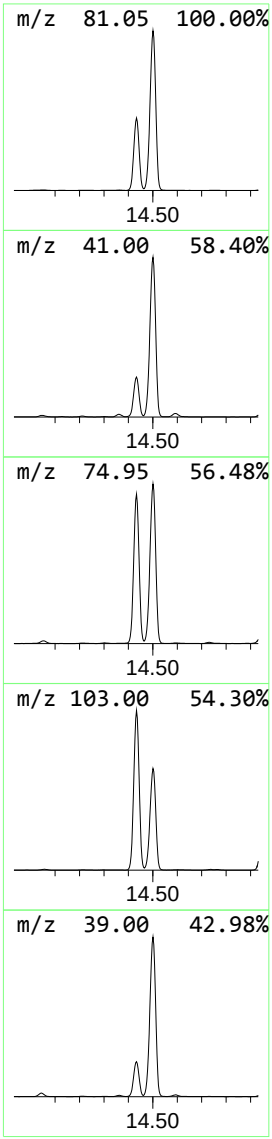
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 unknown-10 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	278.22 ug/L	8756750	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
2	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	14
3	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	14
4	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	14
5	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

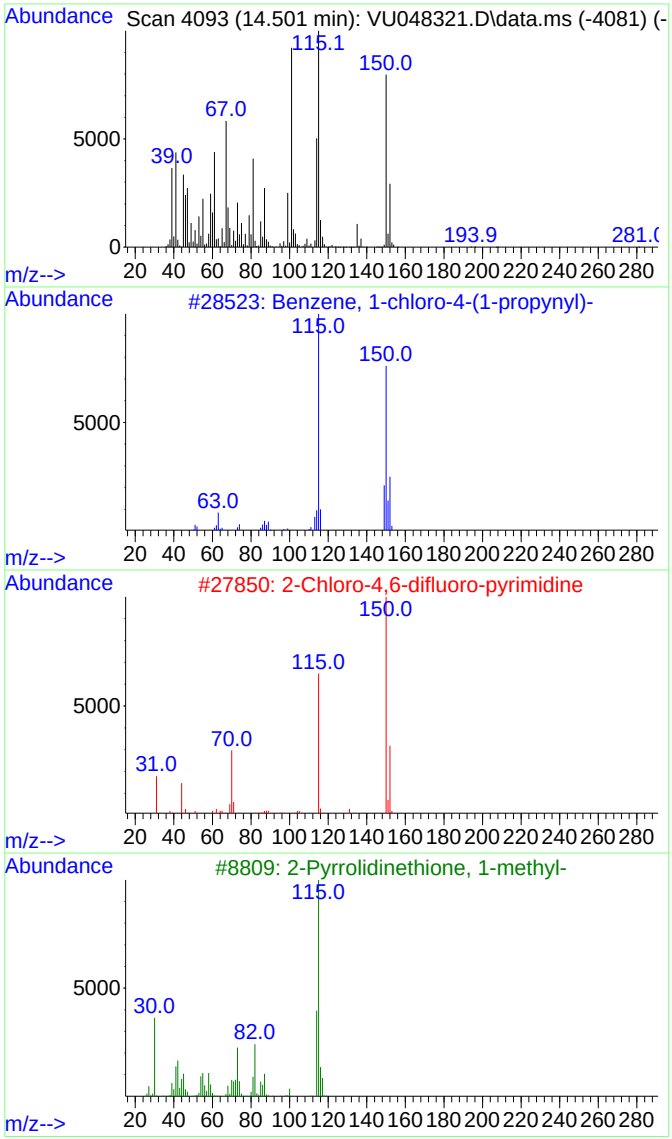
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

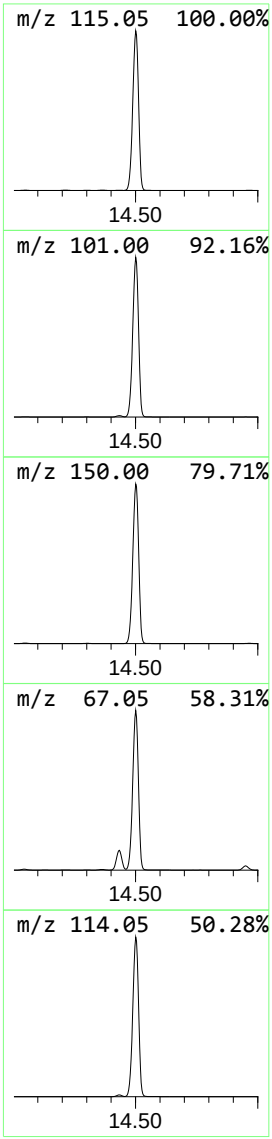
****

Peak Number 51 unknown-11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.501	1745.51 ug/L	54939300	1,4-Dichlorobenzene-d4	11.813

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	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	14
4	Benzene, 1,2,3,4-tetrafluoro-	150	C6H2F4	000551-62-2	11
5	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

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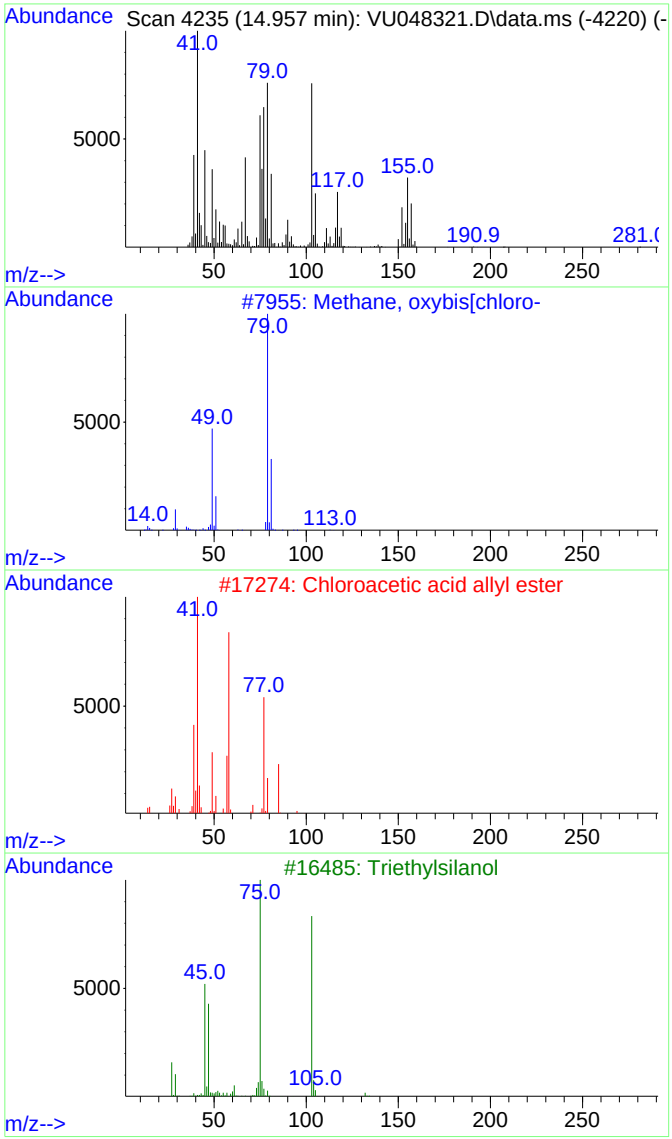
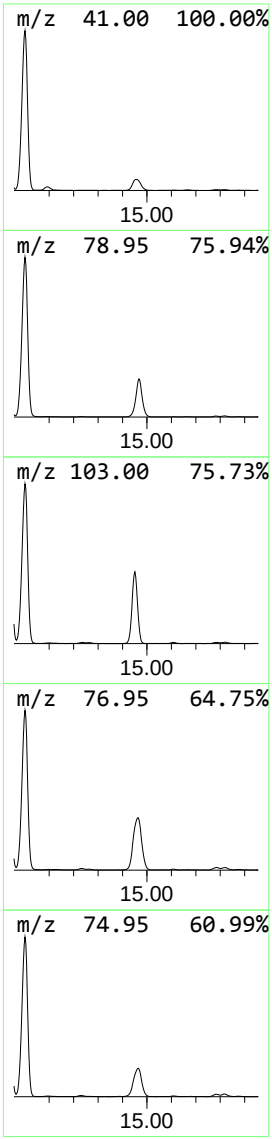
Peak Number 53 unknown-12 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	71.97 ug/L	2265390	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	22
2	Chloroacetic acid allyl ester	134	C5H7ClO2	002916-14-5	14
3	Triethylsilanol	132	C6H16OSi	000597-52-4	14
4	Acetyl chloride, 2,2'-oxybis-	170	C4H4Cl2O3	021062-20-4	12
5	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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

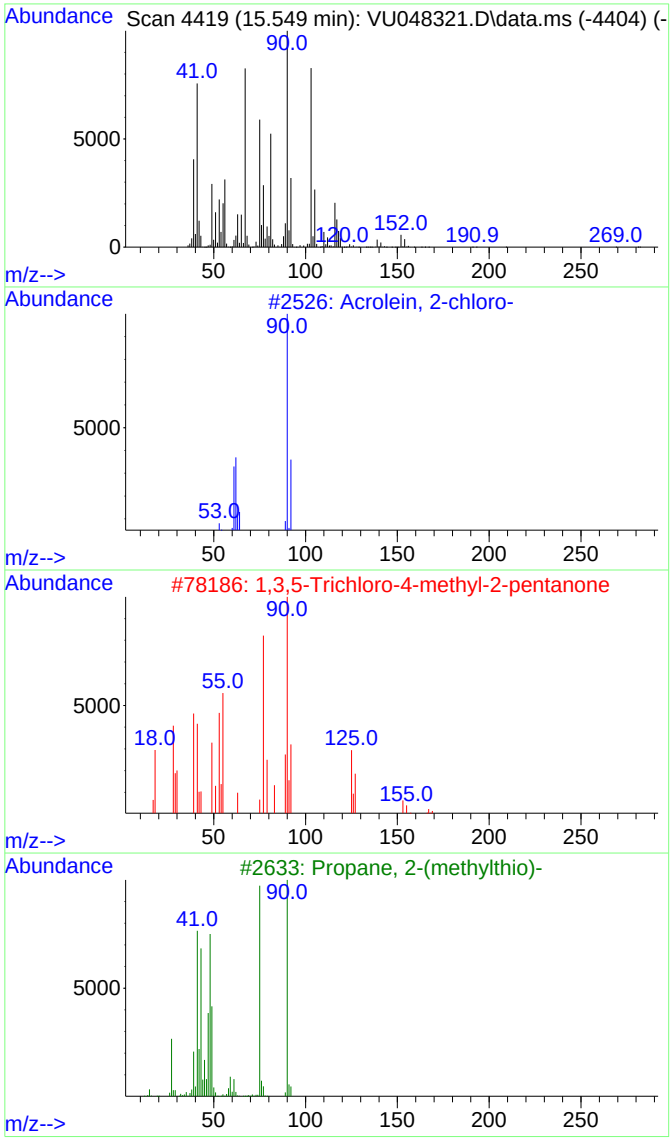
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

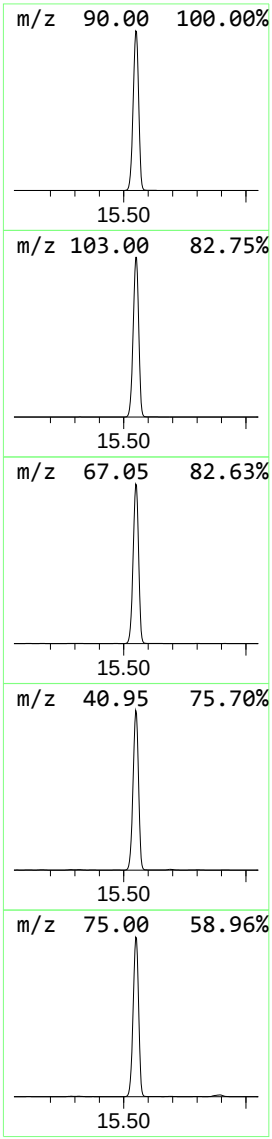
****

Peak Number 56 unknown-13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.549	1588.34 ug/L	49992200	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
4	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23
5	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

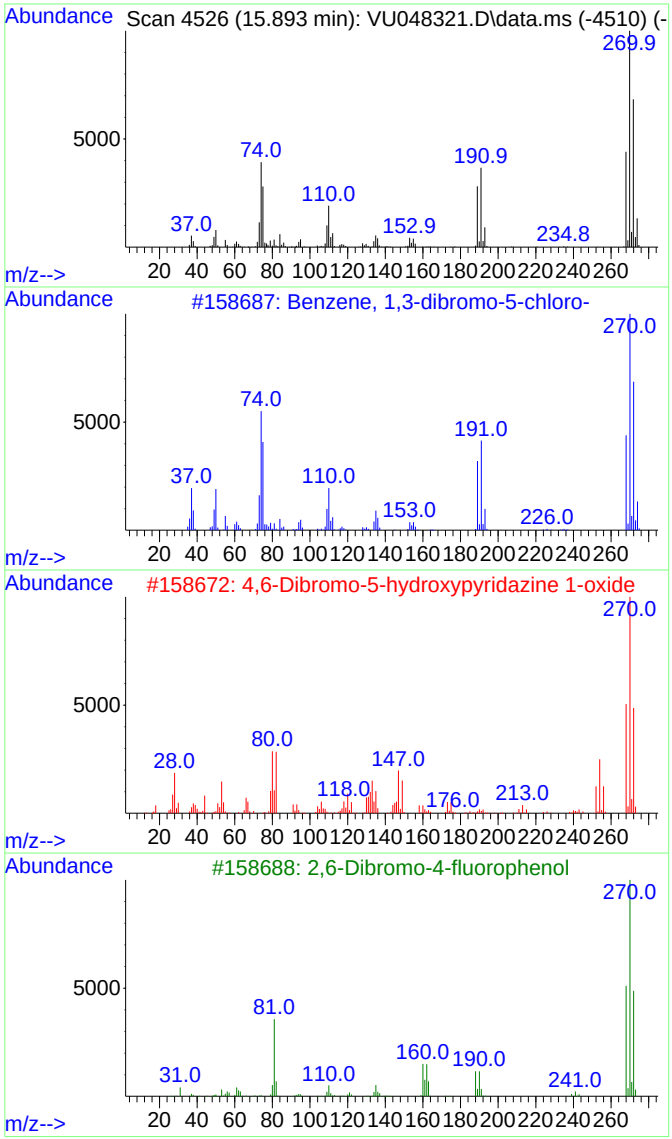
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

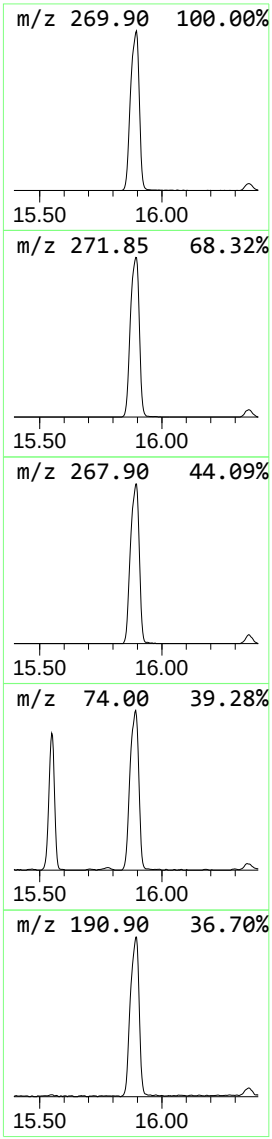
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	34.41 ug/L	1083050	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	94
2	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
3	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	37
4	Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5	6-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001678-69-9	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
Acq On : 27 Apr 2022 17:46
Operator : SY/MD
Sample : N2587-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET5

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	1.434	27.0	ug/L	472368	1	6.250	875986	50.0
(DEL) Alkane: C...	1.472	174.1	ug/L	3050610	1	6.250	875986	50.0
Allyl chloride	2.508	114.8	ug/L	2011770	1	6.250	875986	50.0
(DEL) Alkane: C...	3.131	8.9	ug/L	155502	1	6.250	875986	50.0
Isopropenyl bro...	3.228	25.7	ug/L	449554	1	6.250	875986	50.0
1,5-Hexadiene	3.443	17.7	ug/L	310537	1	6.250	875986	50.0
Thietane	6.999	2006.8	ug/L	35159500	1	6.250	875986	50.0
Oxetane, 2-ethy...	7.224	22.6	ug/L	396039	1	6.250	875986	50.0
Furan, tetrahyd...	7.305	27.3	ug/L	477719	1	6.250	875986	50.0
2H-Pyran, tetra...	7.501	4726.3	ug/L	82803100	1	6.250	875986	50.0
2H-Thiopyran, t...	10.652	142.6	ug/L	4487700	3	11.813	1573730	50.0
Thiophene, 2-et...	10.974	160.2	ug/L	5043630	3	11.813	1573730	50.0
unknown-01	11.195	25.5	ug/L	802506	3	11.813	1573730	50.0
unknown-02	11.250	171.1	ug/L	5385350	3	11.813	1573730	50.0
unknown-03	11.375	29.3	ug/L	922005	3	11.813	1573730	50.0
unknown-04	11.591	22.2	ug/L	700081	3	11.813	1573730	50.0
1,2-Dithiolane	11.752	497.0	ug/L	15643400	3	11.813	1573730	50.0
unknown-05	11.954	37.4	ug/L	1178270	3	11.813	1573730	50.0
unknown-06	12.022	17.7	ug/L	557737	3	11.813	1573730	50.0
Cyclopropane, 2...	12.472	105.8	ug/L	3329680	3	11.813	1573730	50.0
unknown-07	12.707	135.8	ug/L	4275580	3	11.813	1573730	50.0
Benzene, 1-brom...	12.909	55.2	ug/L	1737410	3	11.813	1573730	50.0
Benzene, 1-brom...	12.970	727.5	ug/L	22899500	3	11.813	1573730	50.0
unknown-08	13.215	19.5	ug/L	613912	3	11.813	1573730	50.0
Benzene, 1-brom...	13.327	117.0	ug/L	3683560	3	11.813	1573730	50.0
Hexane, 1,6-dic...	13.382	1561.6	ug/L	49151300	3	11.813	1573730	50.0
unknown-09	13.777	40.0	ug/L	1259550	3	11.813	1573730	50.0
unknown-10	14.433	278.2	ug/L	8756750	3	11.813	1573730	50.0
unknown-11	14.501	1745.5	ug/L	54939300	3	11.813	1573730	50.0
unknown-12	14.957	72.0	ug/L	2265390	3	11.813	1573730	50.0
unknown-13	15.549	1588.3	ug/L	49992200	3	11.813	1573730	50.0
Benzene, 1,3-di...	15.893	34.4	ug/L	1083050	3	11.813	1573730	50.0