LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Title : VOC Analysis

Signal : TIC: VV037580.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.175	33	42	52	rBV	20163	32907	0.02%	0.008%
2	1.281	65	75	102	rBV2	22123703	25711149	17.90%	6.237%
3	1.532	145	153	168	rBV2	317330	569260	0.40%	0.138%
4	1.597	168	173	185	rVB2	27356	35427	0.02%	0.009%
5	1.667	186	195	208	rBV	396537	499892	0.35%	0.121%
6	1.738	208	217	222	rBV	131059	164661	0.11%	0.040%
7	1.799	230	236	247	rVB	118573	146901	0.10%	0.036%
8	2.063	306	318	340	rBV3	987147	1682315	1.17%	0.408%
9	2.445	426	437	452	rBV2	60769	140665	0.10%	0.034%
10	2.690	499	513	534	rBV	1237793	2113167	1.47%	0.513%
11	2.960	586	597	612	rVB3	47252	93092	0.06%	0.023%
12	3.111	622	644	697	rVV3	58382115	143670881	100.00%	34.850%
13	3.661	800	815	828	rBV2	64237	166201	0.12%	0.040%
14	3.805	843	860	903	rBV	11072317	25695061	17.88%	6.233%
15	4.243	980	996	1022	rVV	417116	1051777	0.73%	0.255%
16	4.503	1054	1077	1093	rBV	628425	1618222	1.13%	0.393%
17	4.950	1200	1216	1229	rBV2	1032069	2622833	1.83%	0.636%
18	5.143	1269	1276	1291	rVB7	18581	46713	0.03%	0.011%
19	5.233	1292	1304	1318	rVB5	16035	39954	0.03%	0.010%
20	5.529	1382	1396	1434	rBV	768956	1578461	1.10%	0.383%
21	5.837	1479	1492	1508	rBV4	35219	85709	0.06%	0.021%
22	5.982	1522	1537	1549	rBV	579895	1180856	0.82%	0.286%
23	6.040	1551	1555	1577	rVB3	158174	296669	0.21%	0.072%
24	6.574	1707	1721	1738	rVB9	11887	32344	0.02%	0.008%
25	6.908	1815	1825	1851	rBV	301168	567600	0.40%	0.138%
26	7.185	1898	1911	1917	rBV6	43652	92079	0.06%	0.022%
27	7.236	1917	1927	1938	rVV	1219729	2115546	1.47%	0.513%
28	7.307	1938	1949	1973	rVV	9517543	16178453	11.26%	3.924%
29	7.403	1974	1979	2002	rVB	60144	143424	0.10%	0.035%
30	7.548	2016	2024	2053	rVB	202492	420629	0.29%	0.102%
31	7.712	2064	2075	2086	rVB3	17842	33669	0.02%	0.008%
32	7.905	2119	2135	2147	rBV	47405	87915	0.06%	0.021%
33	8.024	2158	2172	2202	rBV	371304	754579	0.53%	0.183%
34	8.156	2207	2213	2222	rVV6	22872	44407	0.03%	0.011%
35	8.217	2222	2232	2241	rVV	63196	108875	0.08%	0.026%
36	8.278	2243	2251	2259	rVB3	22107	35645	0.02%	0.009%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Title : VOC Analysis

37	8.780	2396	2407	2425	rBV	1195965	1941107	1.35%	0.471%
38	8.860	2425	2432	2442	rVV2	42157	78443	0.05%	0.019%
39	8.937	2444	2456	2481	rVV	5795252	8923295	6.21%	2.165%
40	9.066	2484	2496	2534	rVB	11037551	17473118	12.16%	4.238%
41	9.242	2543	2551	2564	rVB4	19614	38995	0.03%	0.009%
42	9.406	2588	2602	2610	rBV6	24630	62433	0.04%	0.015%
43	9.471	2610	2622	2650	rVB	12230734	18408887	12.81%	4.465%
44	9.632	2664	2672	2686	rVB2	84467	150454	0.10%	0.036%
45	9.728	2693	2702	2715	rBV6	54249	99947	0.07%	0.024%
46	9.860	2732	2743	2767	rBV	912315	1433512	1.00%	0.348%
47	10.017	2783	2792	2799	rBV	118717	193763	0.13%	0.047%
48	10.146	2821	2832	2849	rBV	687035	1117440	0.78%	0.271%
49	10.281	2863	2874	2892	rBV	2892682	4390009	3.06%	1.065%
50	10.378	2892	2904	2923	rVV	8892565	18388957	12.80%	4.461%
51	10.468	2923	2932	2950	rVB	4585954	6712015	4.67%	1.628%
52	10.667	2973	2994	3018	rBV	7292742	11103795	7.73%	2.693%
53	10.795	3027	3034	3038	rBV	38723	52992	0.04%	0.013%
54	10.847	3038	3050	3075	rVV	28293901	42054710	29.27%	10.201%
55	10.988	3078	3094	3097	rVV	160736	259371	0.18%	0.063%
56	11.017	3097	3103	3119	rVB	360765	569645	0.40%	0.138%
57	11.127	3125	3137	3144	rBV	610938	912279	0.63%	0.221%
58	11.178	3144	3153	3168	rVV2	1651710	2505642	1.74%	0.608%
59	11.265	3168	3180	3199	rVB	12051531	17884698	12.45%	4.338%
60	11.384	3209	3217	3228	rVB	117480	176831	0.12%	0.043%
61	11.458	3228	3240	3250	rBV	3393428	5847618	4.07%	1.418%
62	11.506	3250	3255	3262	rVB	677739	882195	0.61%	0.214%
63	11.558	3262	3271	3297	rVB6	1800679	4234512	2.95%	1.027%
64	11.676	3299	3308	3319	rVB2	159136	246269	0.17%	0.060%
65	11.750	3320	3331	3349	rVB	481478	733845	0.51%	0.178%
66	11.847	3349	3361	3365	rBV2	1138642	1840780	1.28%	0.447%
67	11.947	3383	3392	3412	rVB2	1155987	2076657	1.45%	0.504%
68	12.043	3412	3422	3455	rVB2	528039	1483319	1.03%	0.360%
69	12.191	3455	3468	3474	rBV5	54456	105933	0.07%	0.026%
70	12.246	3474	3485	3496	rVB2	466480	769449	0.54%	0.187%
71	12.345	3497	3516	3524	rBV	570744	948788	0.66%	0.230%
72	12.397	3524	3532	3550	rVB	1012212	1519182	1.06%	0.369%
73	12.484	3550	3559	3565	rBV3	71062	108111	0.08%	0.026%
74	12.519	3566	3570	3575	rVV3	30181	37991	0.03%	0.009%
75	12.551	3576	3580	3583	rVV2	19914	23859	0.02%	0.006%
76	12.577	3584	3588	3593	rVV	33004	39782	0.03%	0.010%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Title : VOC Analysis

77	12.619	3594	3601	3605	rVV2	41005	64999	0.05%	0.016%
78	12.657	3605	3613	3629	rVB	227970	370088	0.26%	0.090%
79	12.728	3629	3635	3643	rBV3	23160	27270	0.02%	0.007%
80	12.811	3643	3661	3675	rBV2	1319299	2101441	1.46%	0.510%
81	12.879	3676	3682	3692	rVB3	72338	120293	0.08%	0.029%
82	12.934	3693	3699	3703	rBV	27721	36135	0.03%	0.009%
83	12.975	3703	3712	3726	rVB	299899	475187	0.33%	0.115%
84	13.098	3738	3750	3758	rBV8	45136	86935	0.06%	0.021%
85	13.146	3758	3765	3773	rVB	37935	55585	0.04%	0.013%
86	13.201	3773	3782	3789	rBV3	89525	148662	0.10%	0.036%
87	13.300	3807	3813	3818	rVV	37562	48771	0.03%	0.012%
88	13.332	3819	3823	3832	rVB	34200	43037	0.03%	0.010%
89	13.429	3841	3853	3883	rBV	1288286	2122287	1.48%	0.515%
90	13.548	3883	3890	3901	rVV7	17605	31220	0.02%	0.008%
91	13.647	3913	3921	3933	rVV6	19486	50608	0.04%	0.012%
92	13.847	3972	3983	3998	rVB5	18290	40193	0.03%	0.010%
93	14.033	4028	4041	4063	rVB5	34615	91724	0.06%	0.022%
94	14.162	4074	4081	4092	rVV	15100	28600	0.02%	0.007%
95	14.223	4094	4100	4112	rVB5	12704	23267	0.02%	0.006%
96	14.364	4132	4144	4156	rBV6	24223	48396	0.03%	0.012%
97	14.564	4196	4206	4223	rBV	166090	280928	0.20%	0.068%
98	14.747	4253	4263	4277	rBV	110190	188497	0.13%	0.046%
99	15.744	4565	4573	4580	rBV3	17918	30194	0.02%	0.007%
100	16.110	4676	4687	4699	rBV10	28084	47540	0.03%	0.012%

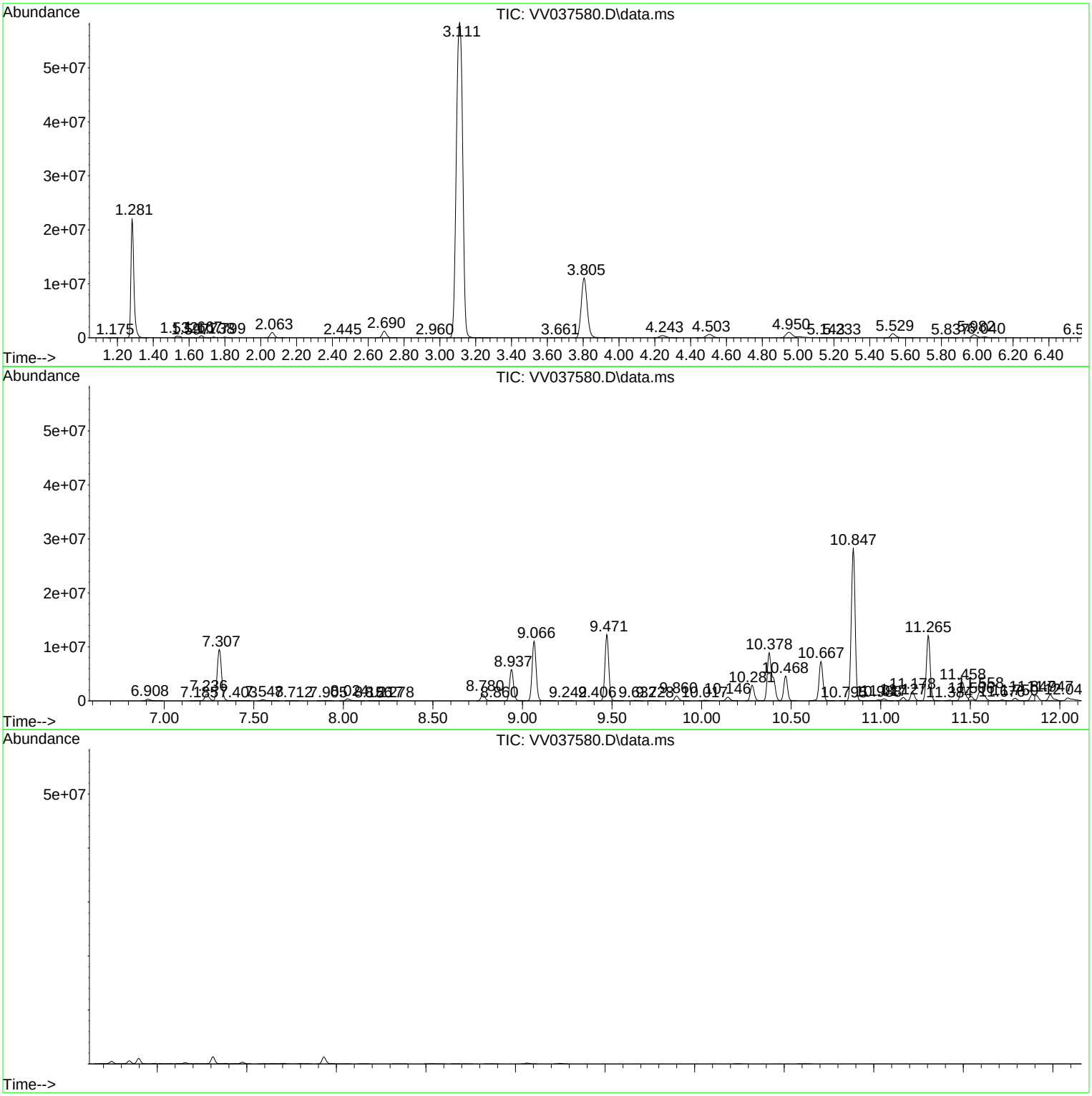
Sum of corrected areas: 412250423

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

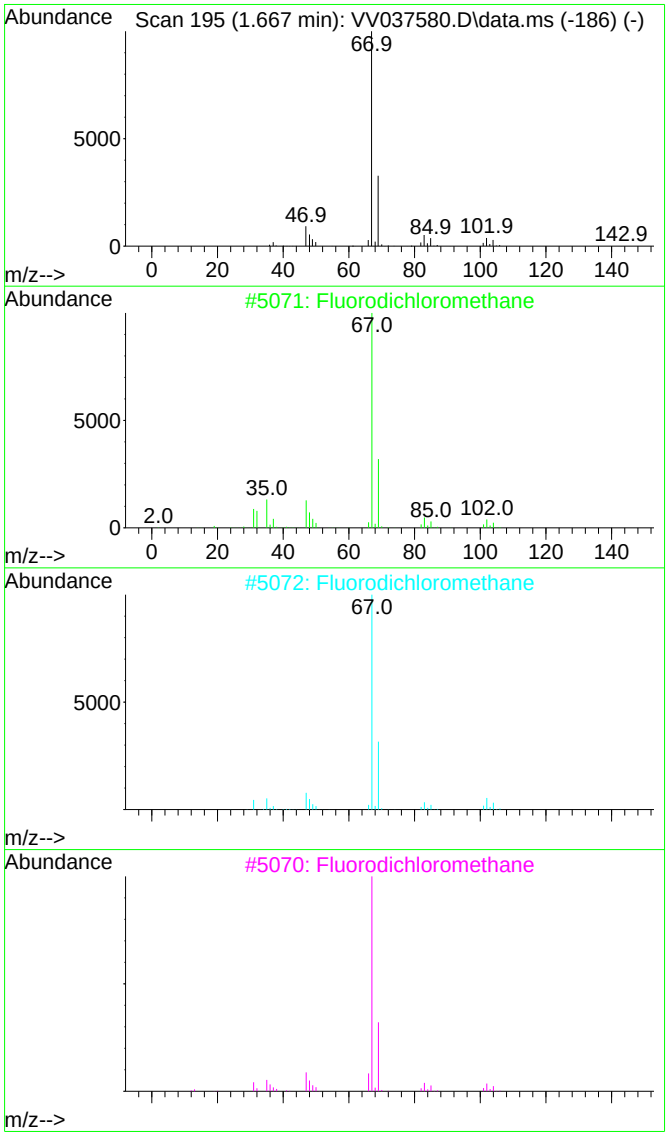
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

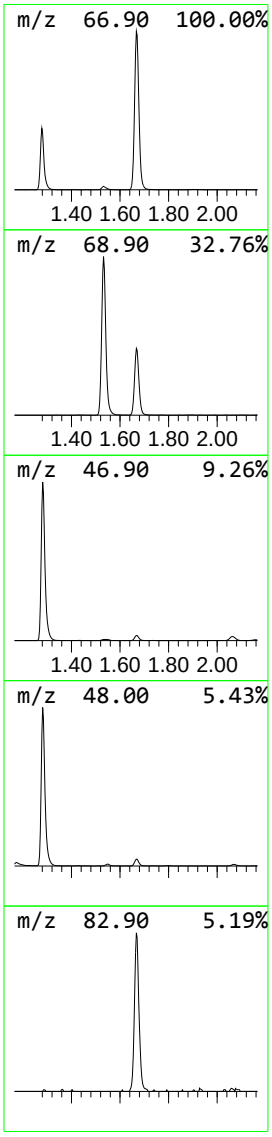
****

Peak Number 1 Fluorodichloromethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.667	15.83 ug/L	499892	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	94
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5	1-Hexyne	82	C6H10	000693-02-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

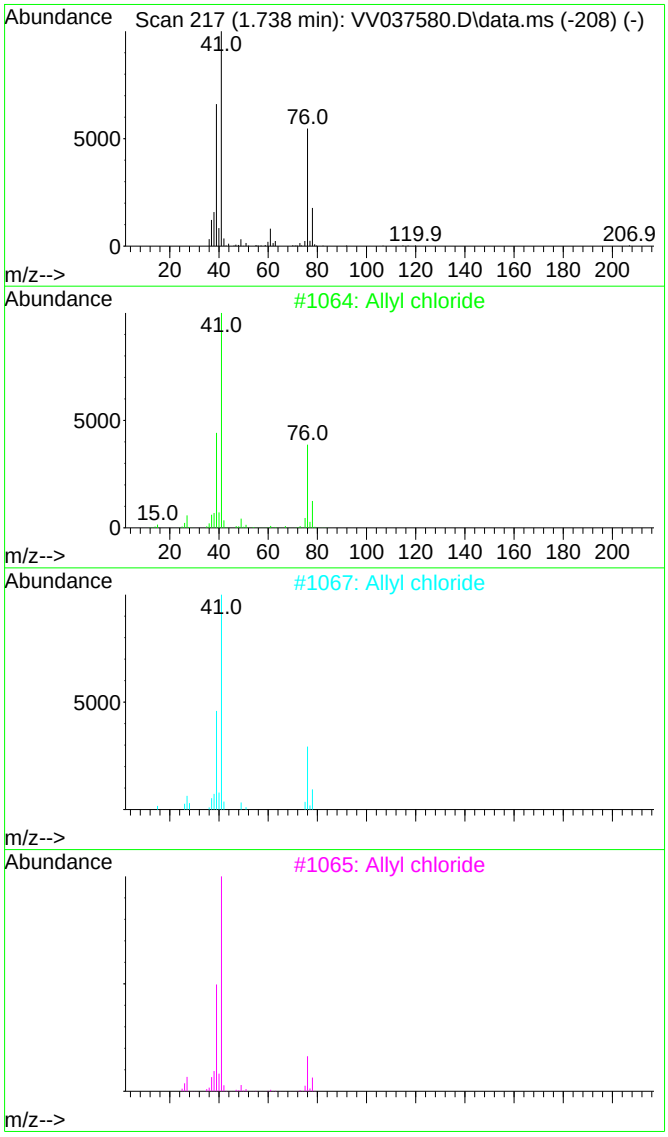
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

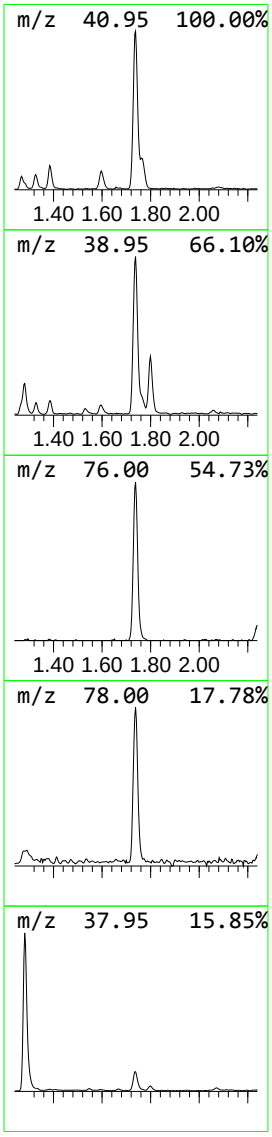
****

Peak Number 2 Allyl chloride Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.738	5.22 ug/L	164661	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	91
2	Allyl chloride	76	C3H5Cl	000107-05-1	91
3	Allyl chloride	76	C3H5Cl	000107-05-1	78
4	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	76
5	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

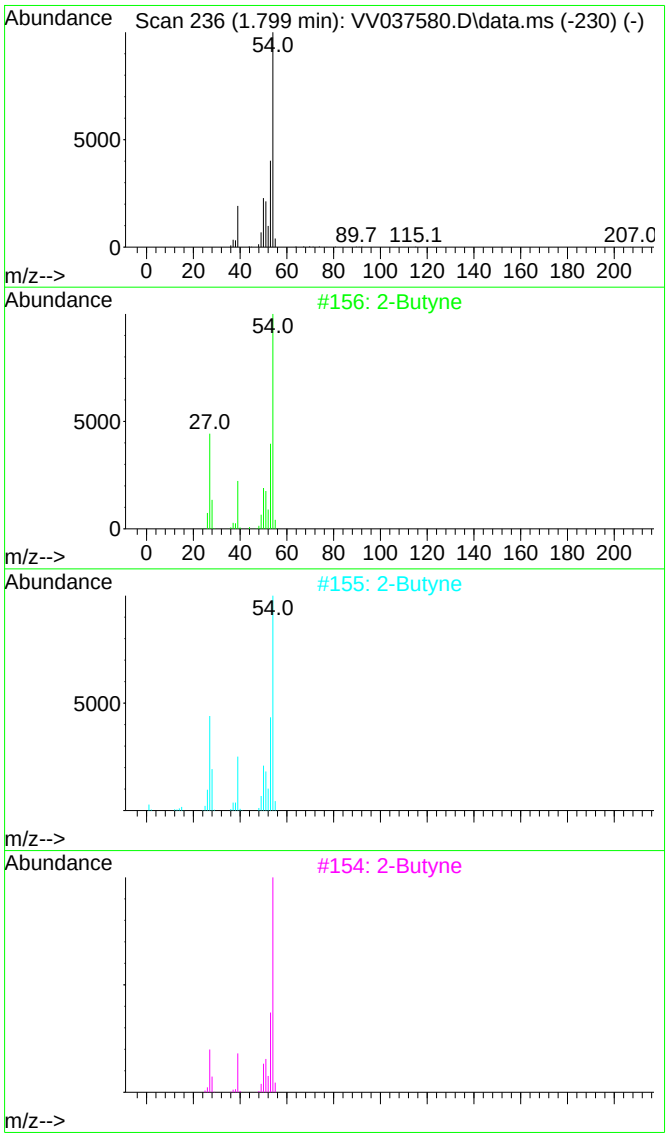
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

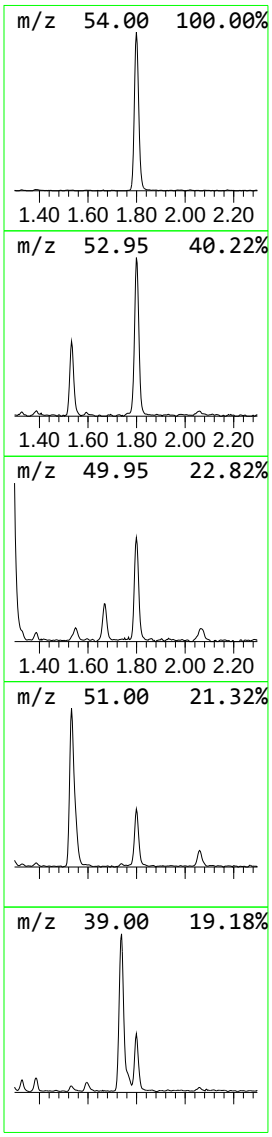
****

Peak Number 3 2-Butyne Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.799	4.65 ug/L	146901	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	86
2	2-Butyne	54	C4H6	000503-17-3	86
3	2-Butyne	54	C4H6	000503-17-3	86
4	1,2-Butadiene	54	C4H6	000590-19-2	86
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

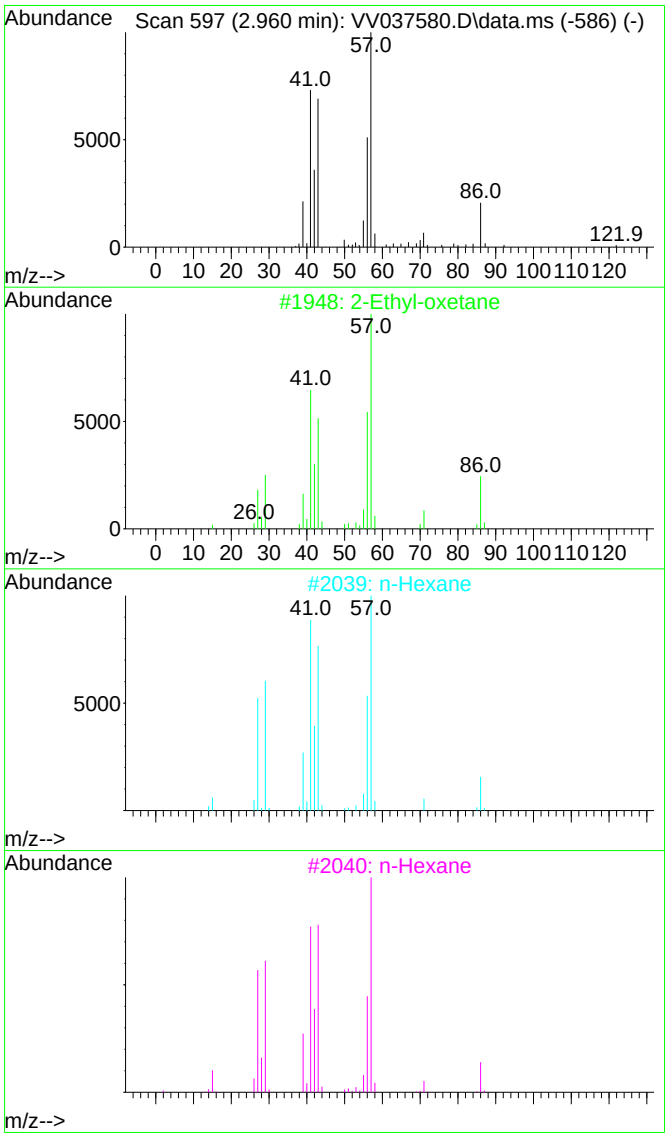
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

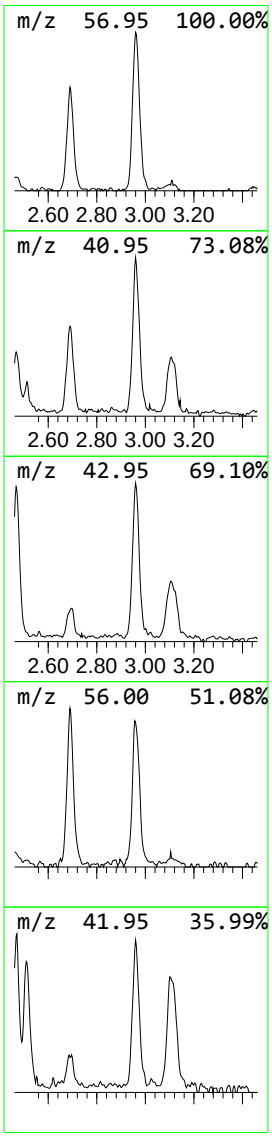
****

Peak Number 4 2-Ethyl-oxetane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	2.95 ug/L	93092	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
2	n-Hexane	86	C6H14	000110-54-3	59
3	n-Hexane	86	C6H14	000110-54-3	59
4	n-Hexane	86	C6H14	000110-54-3	53
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

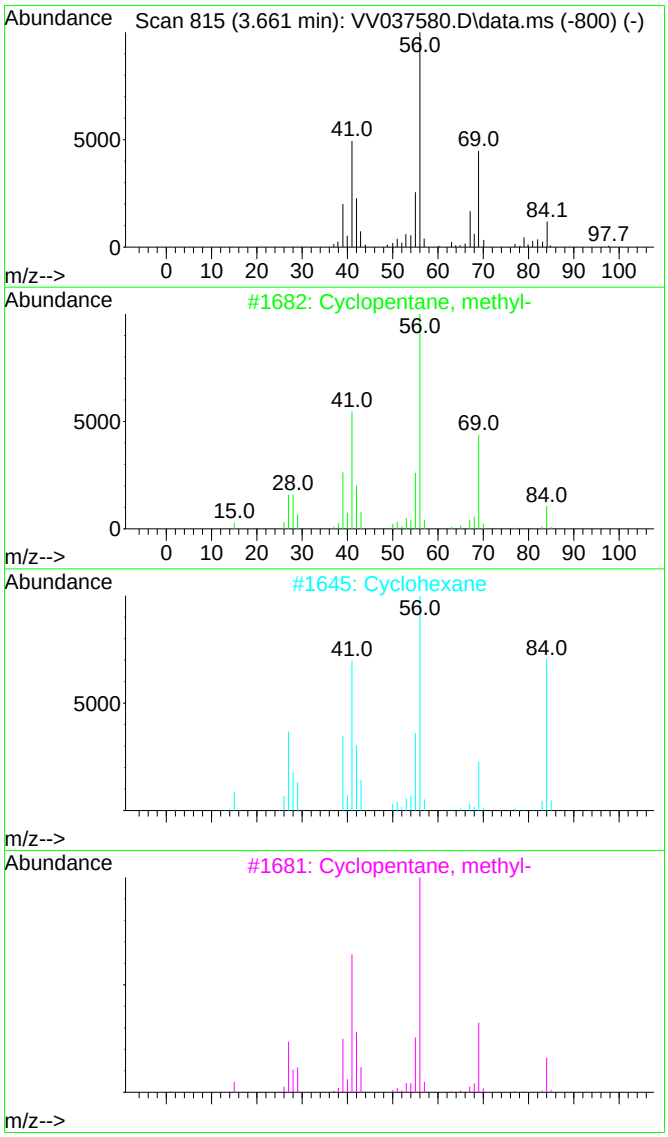
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

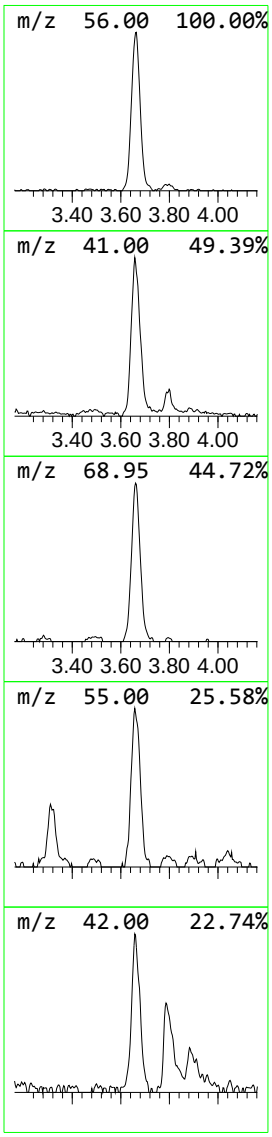
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.661 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.661	5.26 ug/L	166201	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

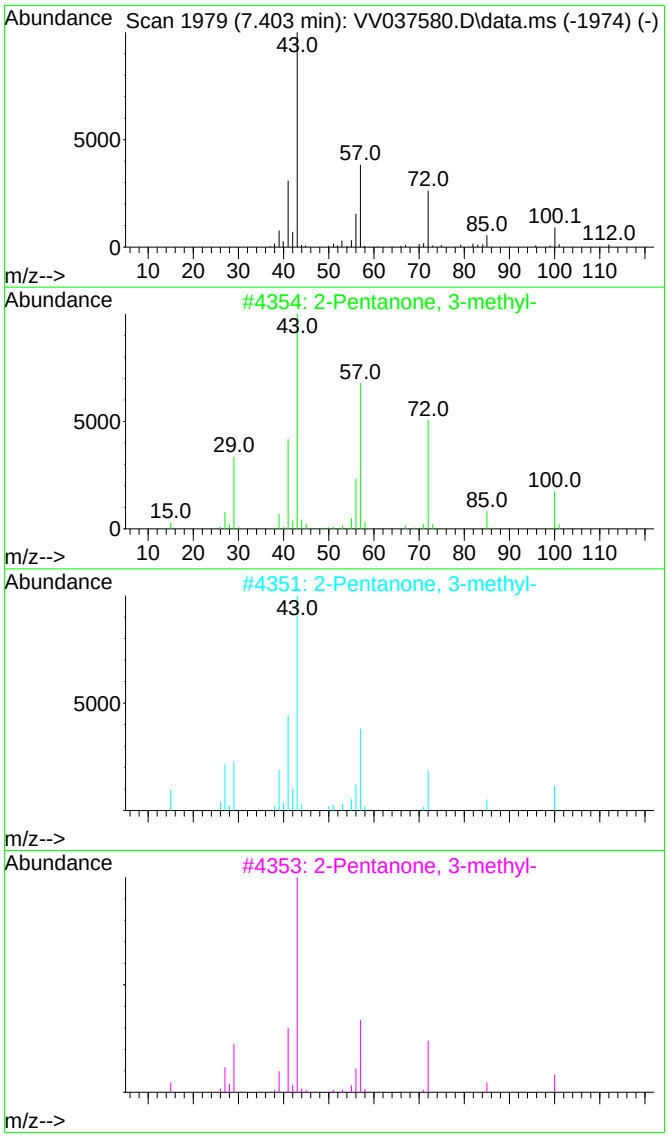
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

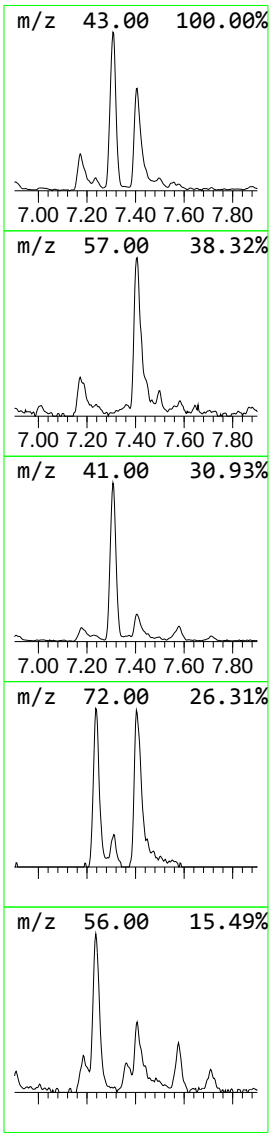
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Pentanone, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.403	3.69 ug/L	143424	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	87
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	86
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	86
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	80
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

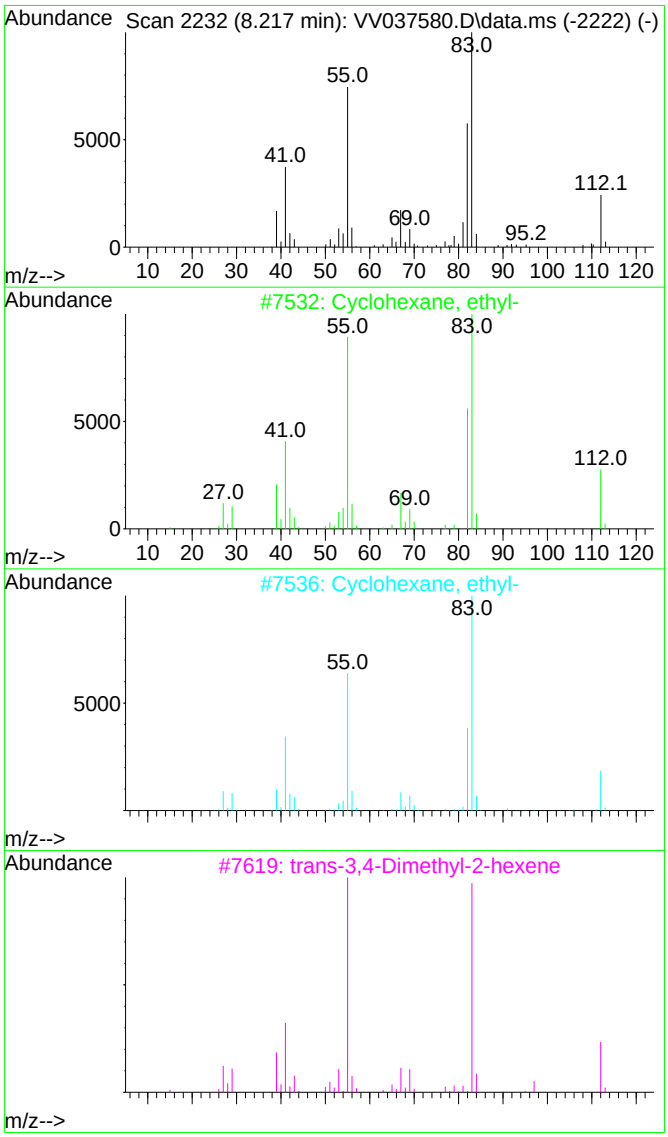
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

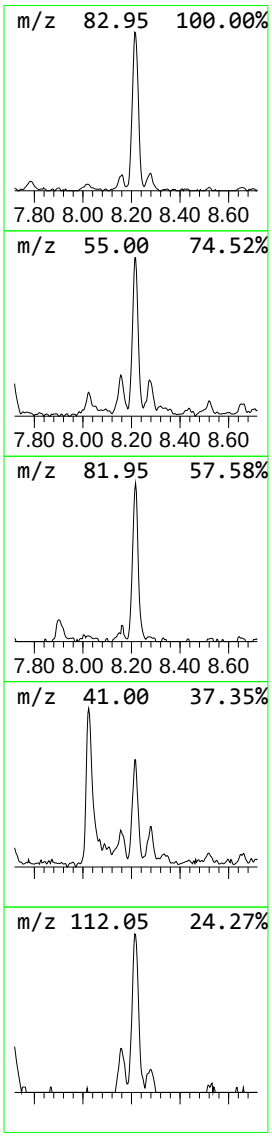
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.217 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.217	2.80 ug/L	108875	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	76
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	74
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

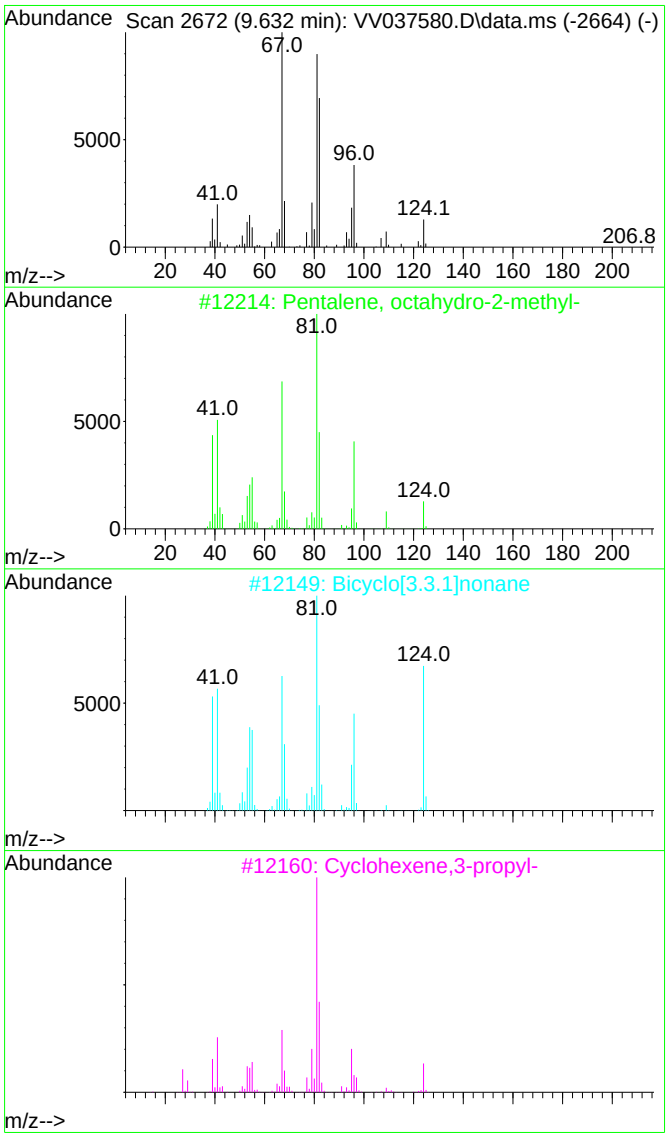
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

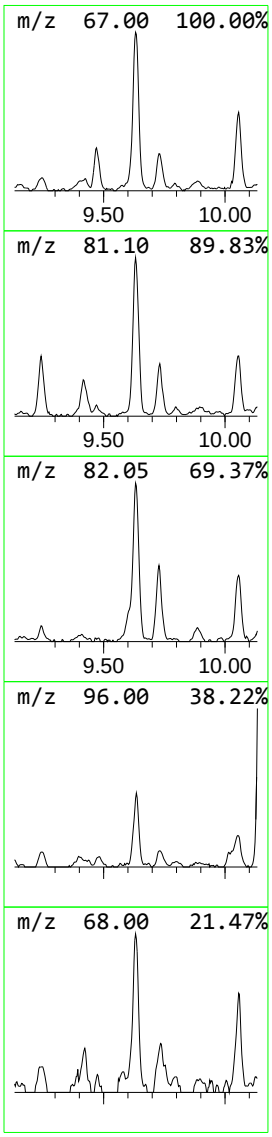
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentalene, octahydro-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.632	3.88 ug/L	150454	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	74
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

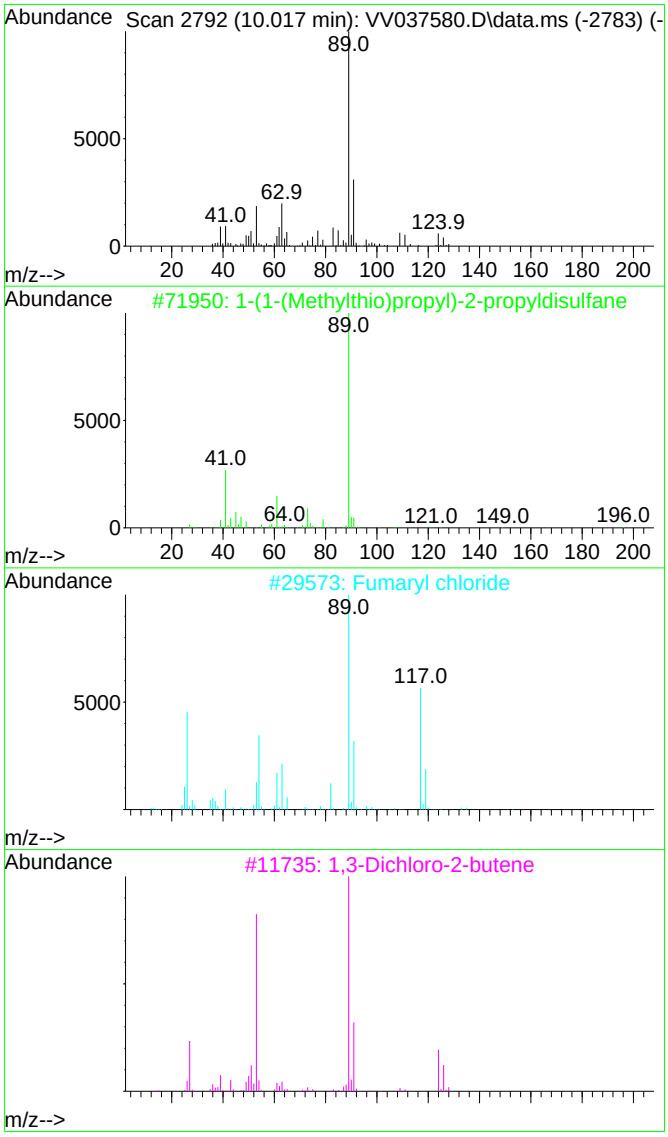
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

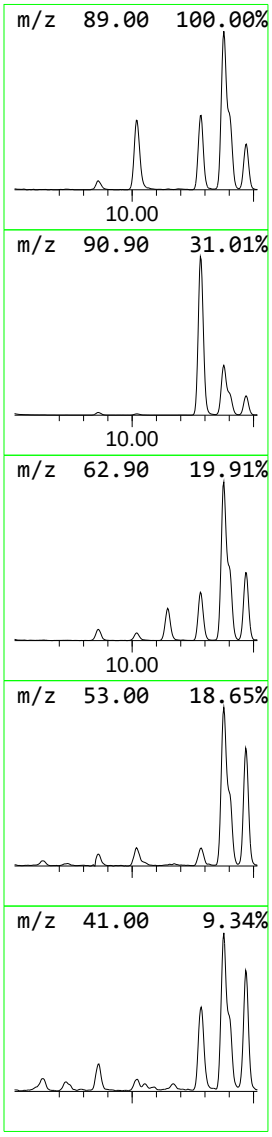
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-(1-(Methylthio)propyl)-2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	3.87 ug/L	193763	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	72
2	Fumaryl chloride	152	C4H2Cl2O2	000627-63-4	43
3	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	40
4	Methyl trans-3-chloropropenoate	120	C4H5ClO2	1000144-78-8	40
5	Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

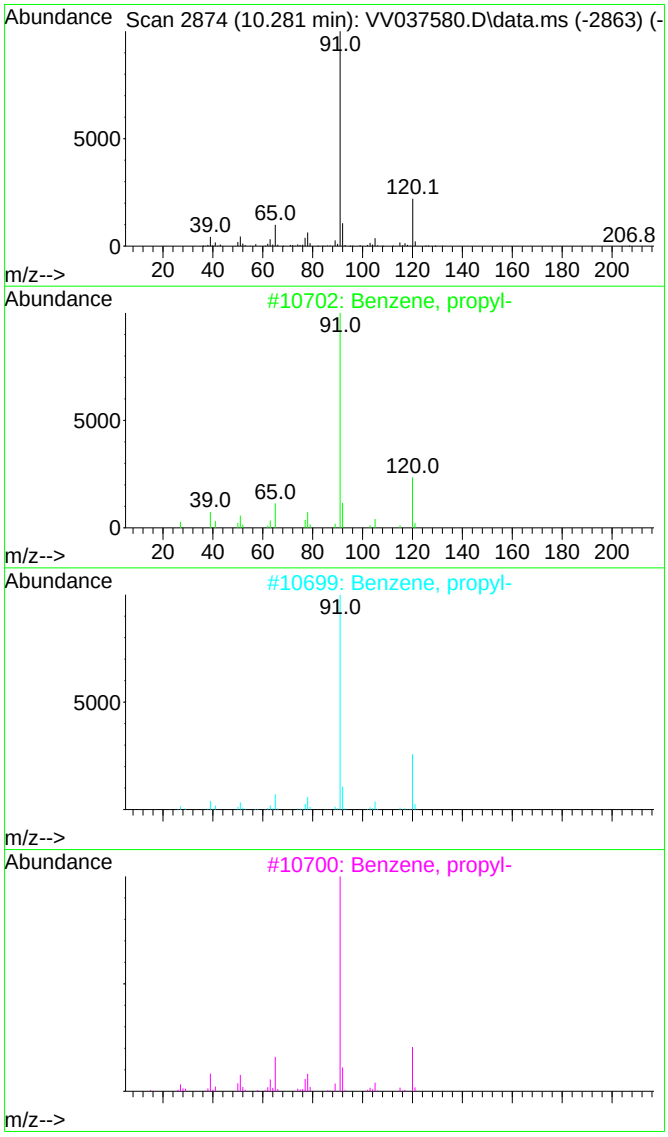
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

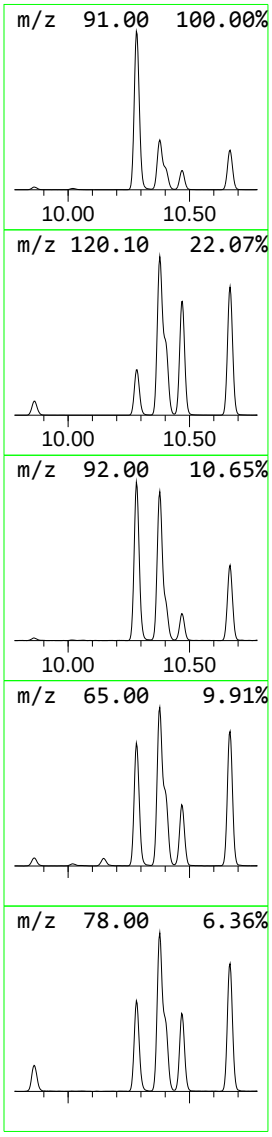
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	87.60 ug/L	4390010	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

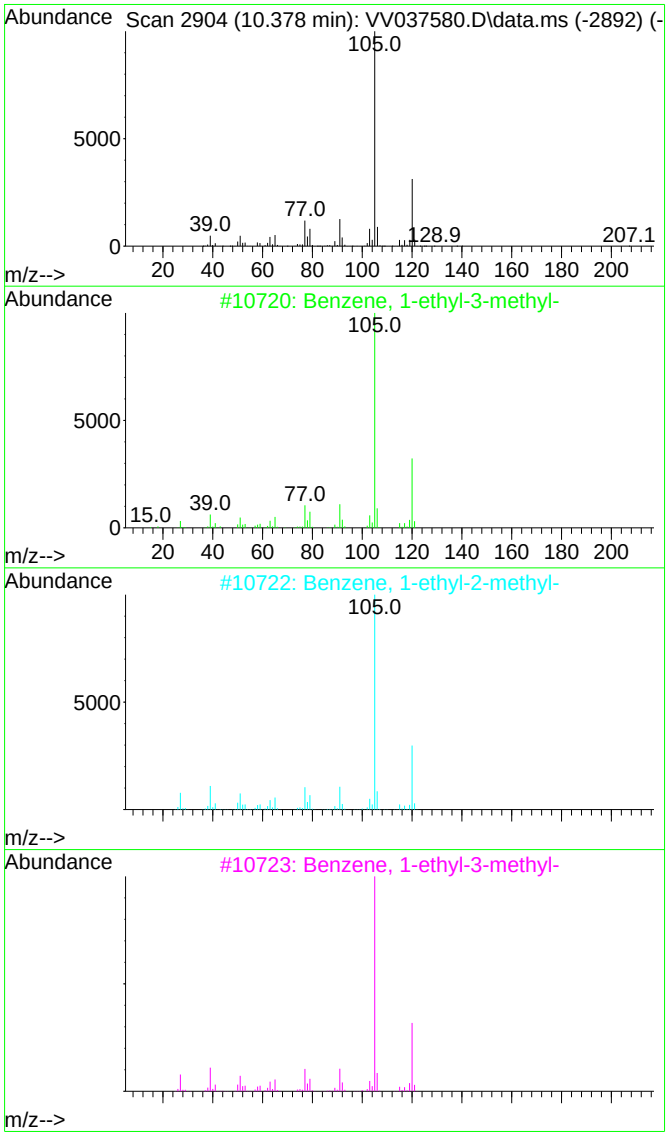
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

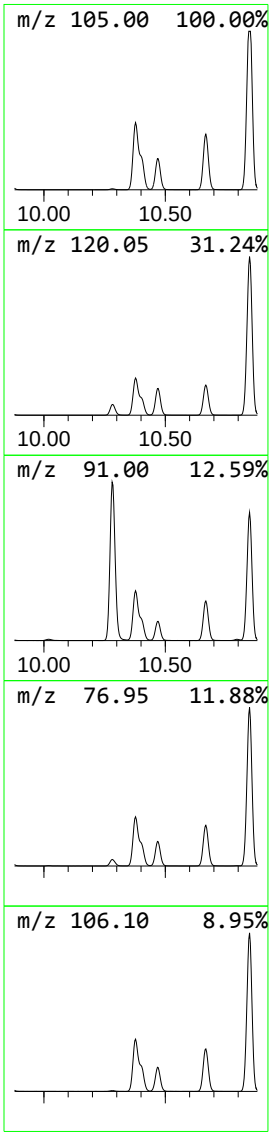
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	366.95 ug/L	18389000	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

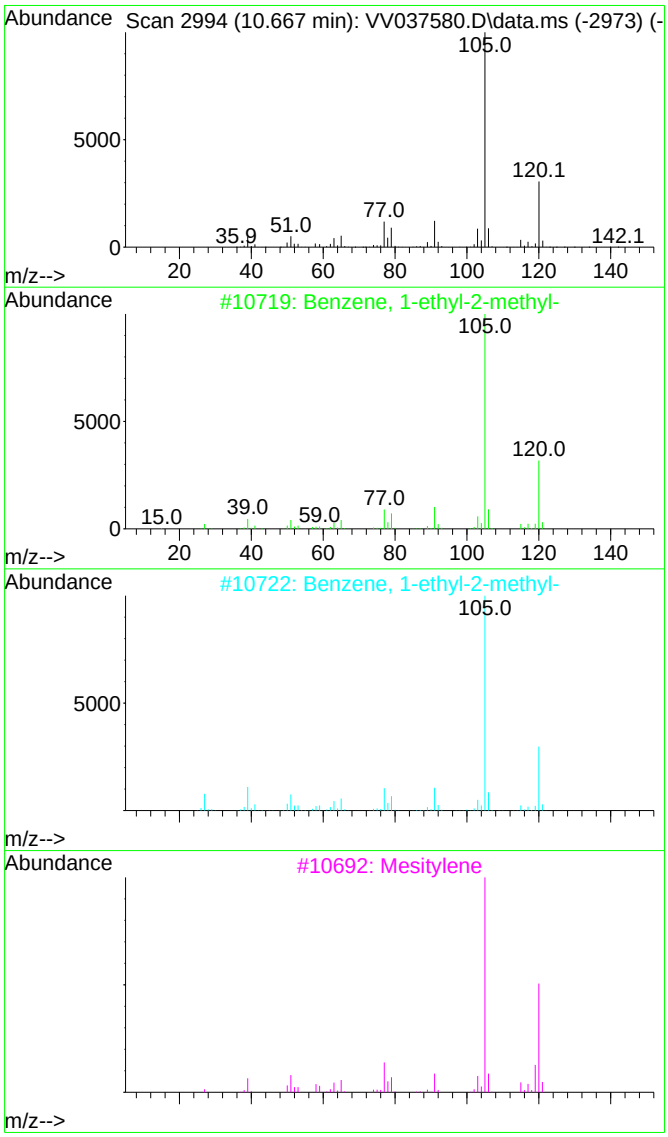
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

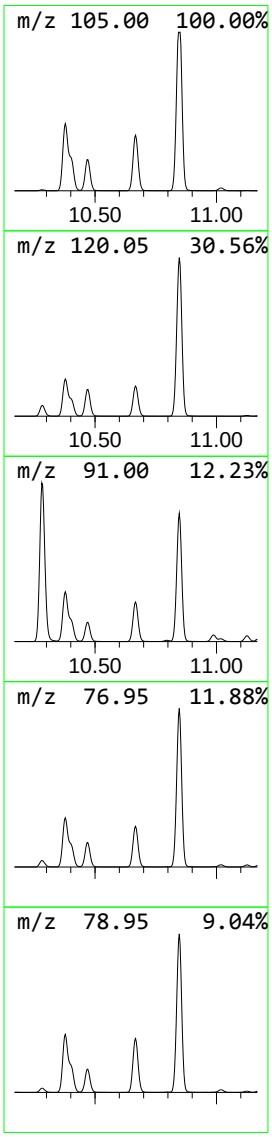
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	221.58 ug/L	11103800	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

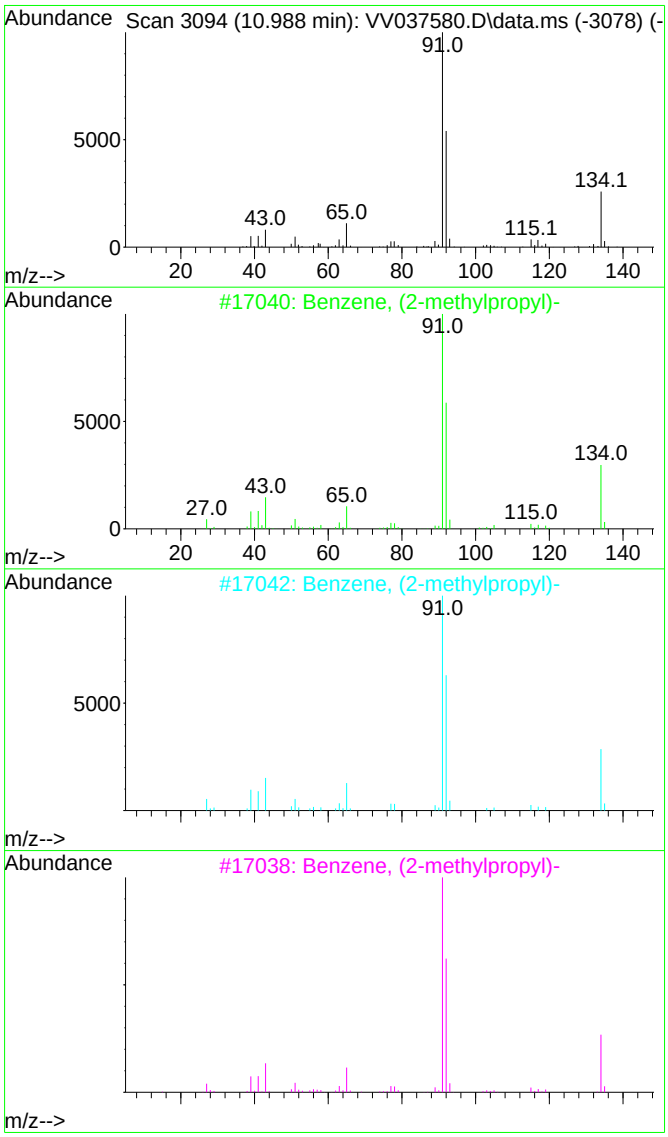
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

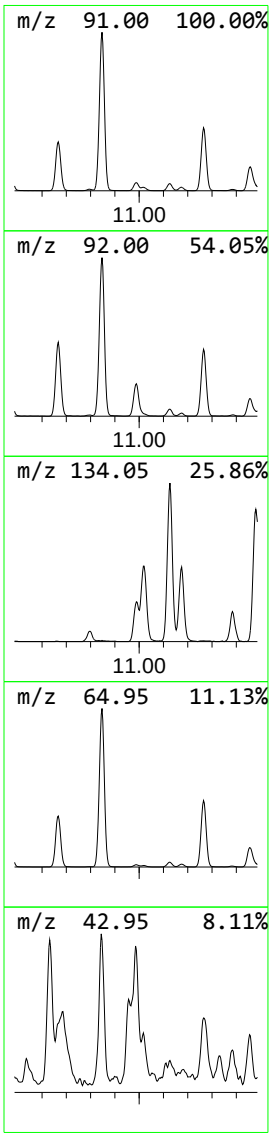
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.988	5.18 ug/L	259371	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, n-butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

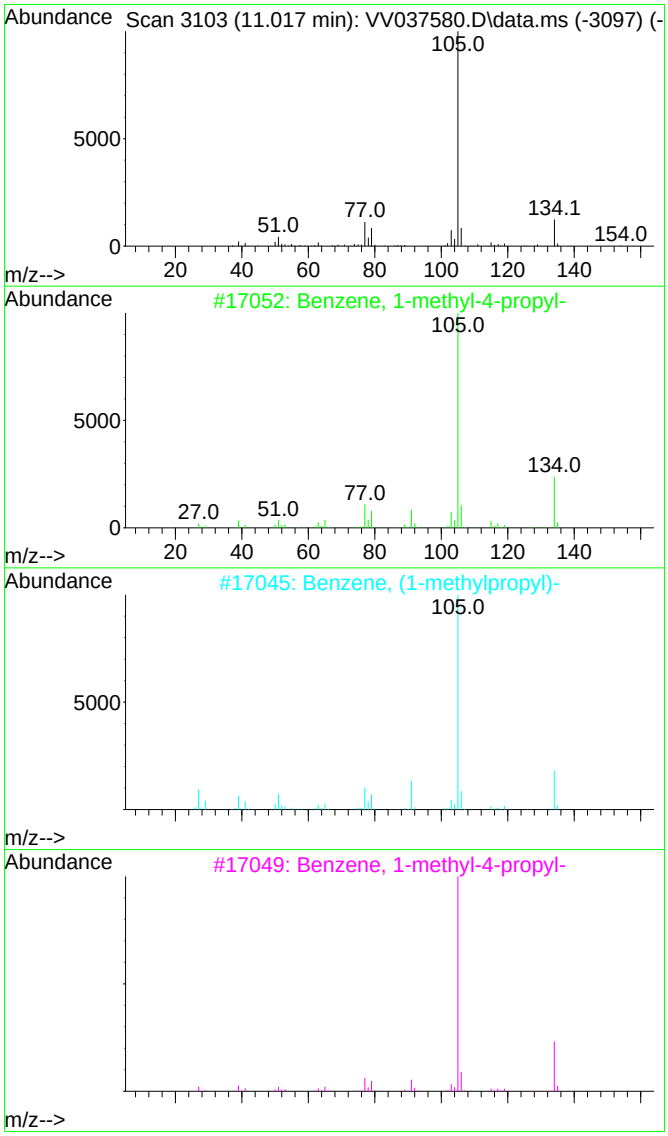
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

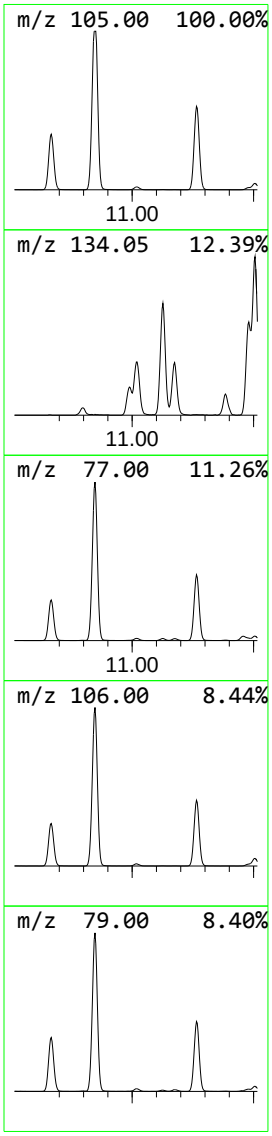
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.017	11.37 ug/L	569645	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

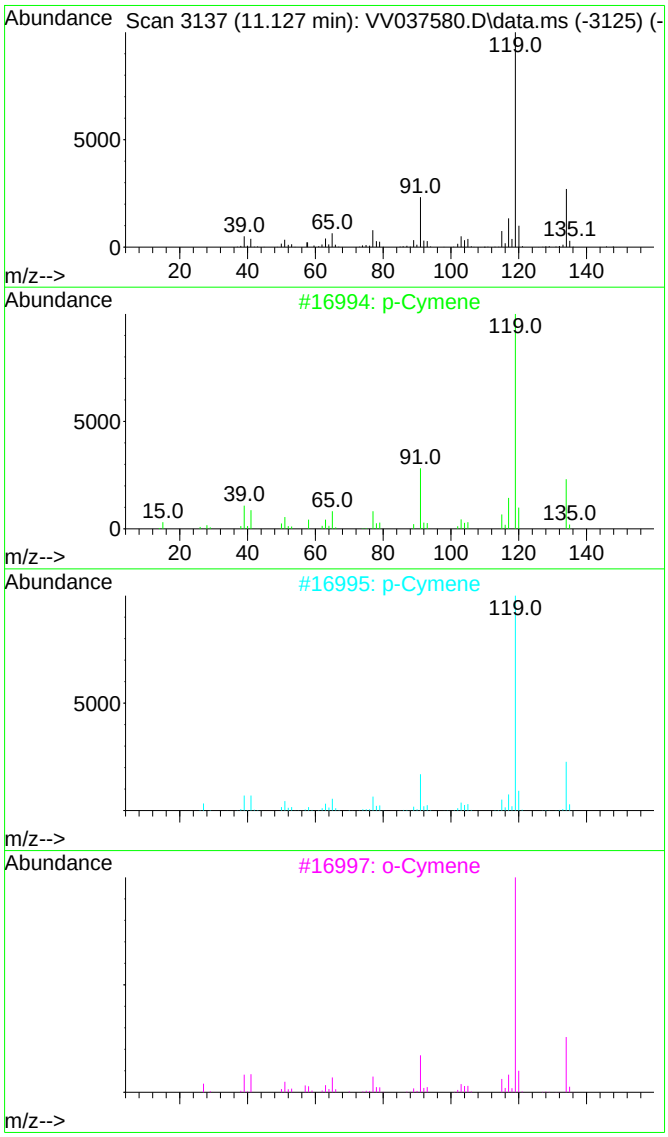
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

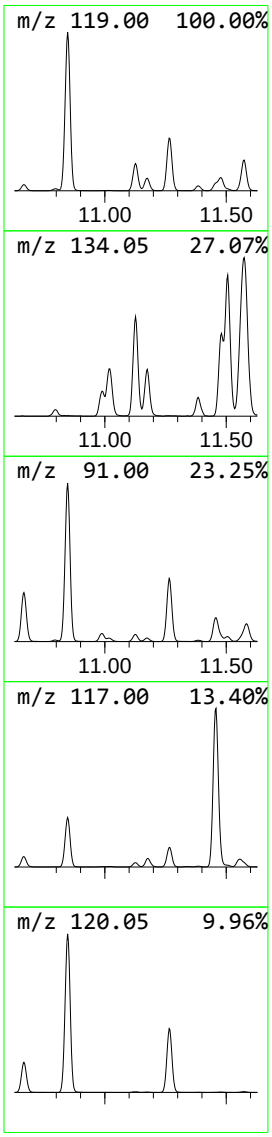
****

Peak Number 17 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	18.20 ug/L	912279	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

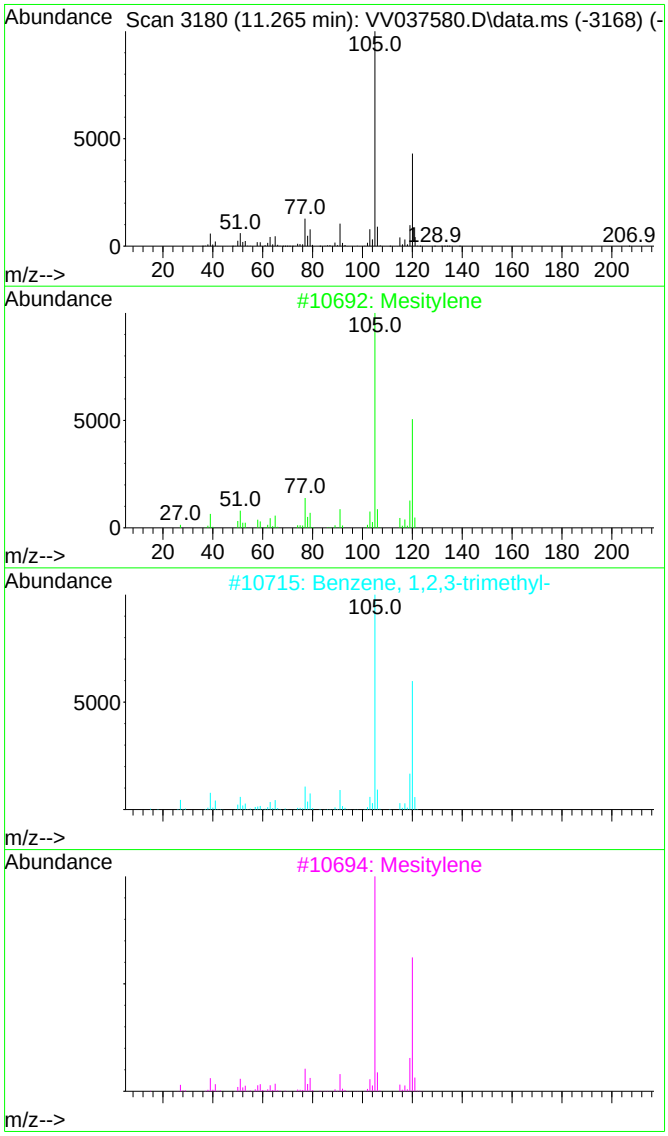
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

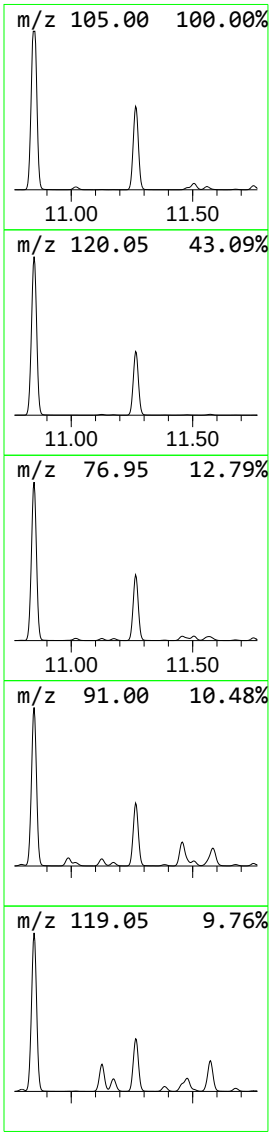
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.265	356.89 ug/L	17884700	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

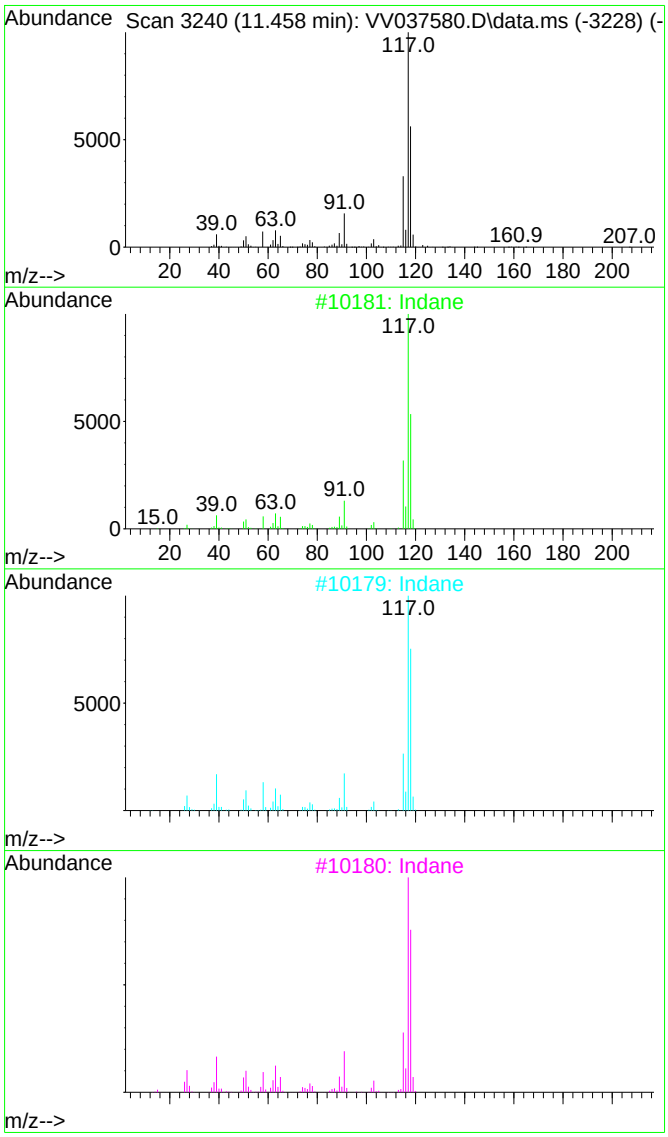
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

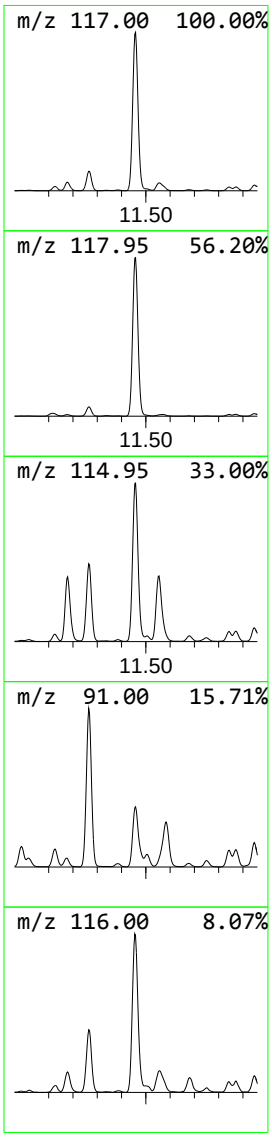
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.458	116.69 ug/L	5847620	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Indane	118	C9H10	000496-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

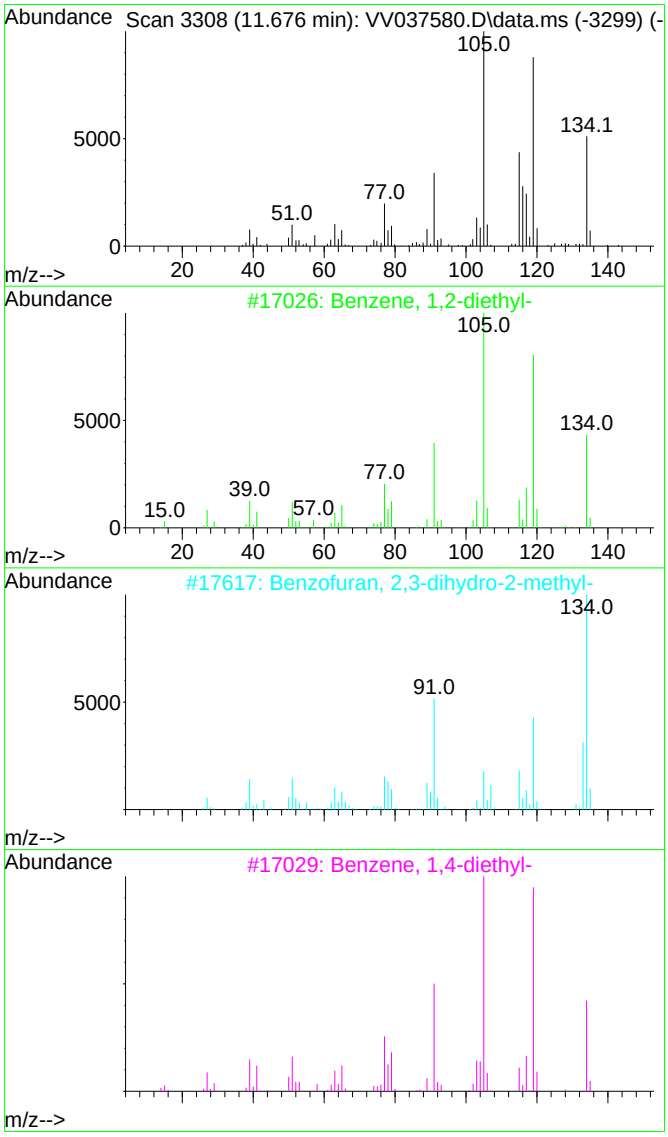
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

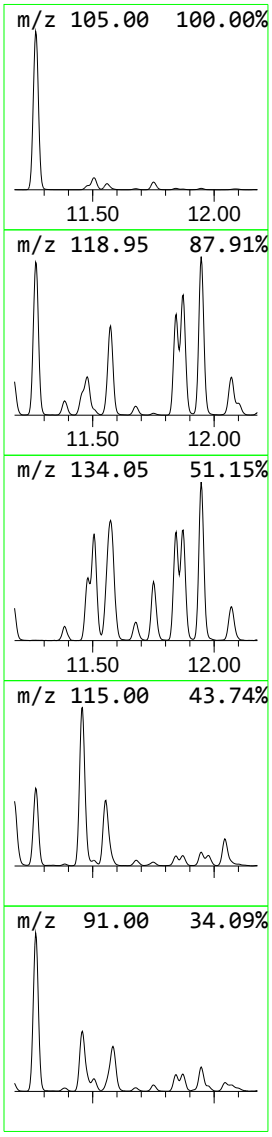
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.677	4.91 ug/L	246269	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

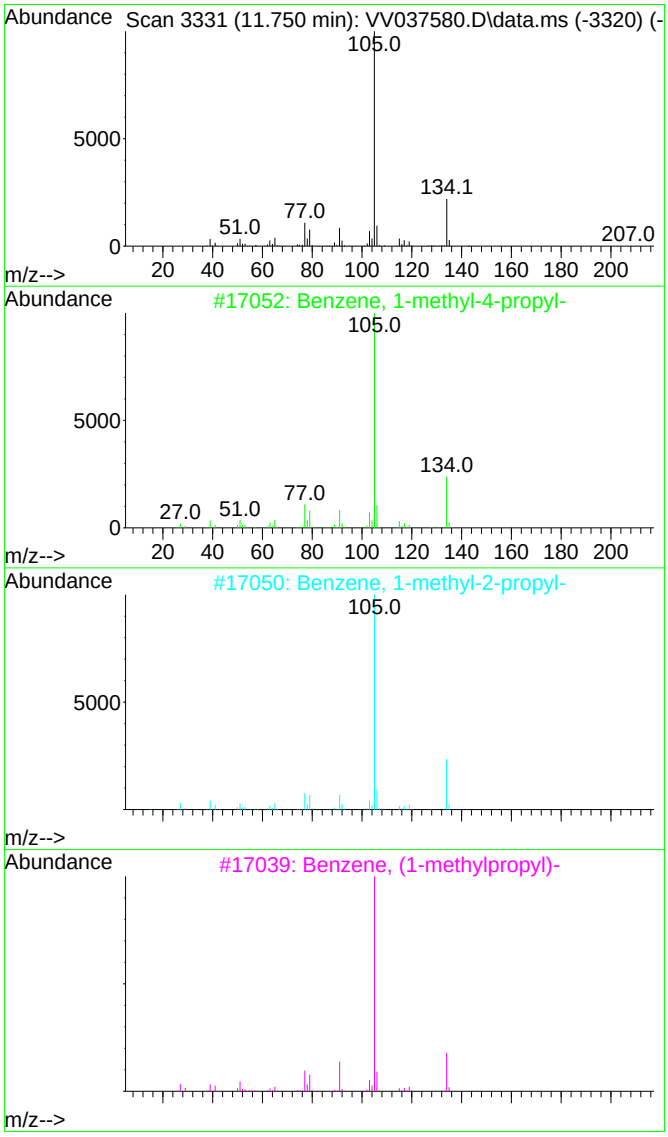
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

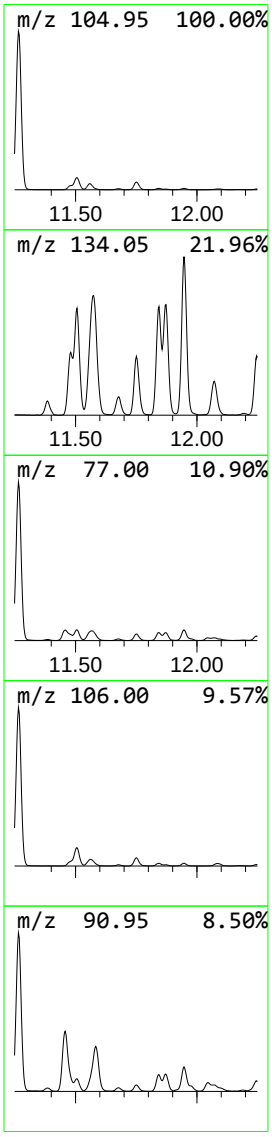
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.750	14.64 ug/L	733845	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

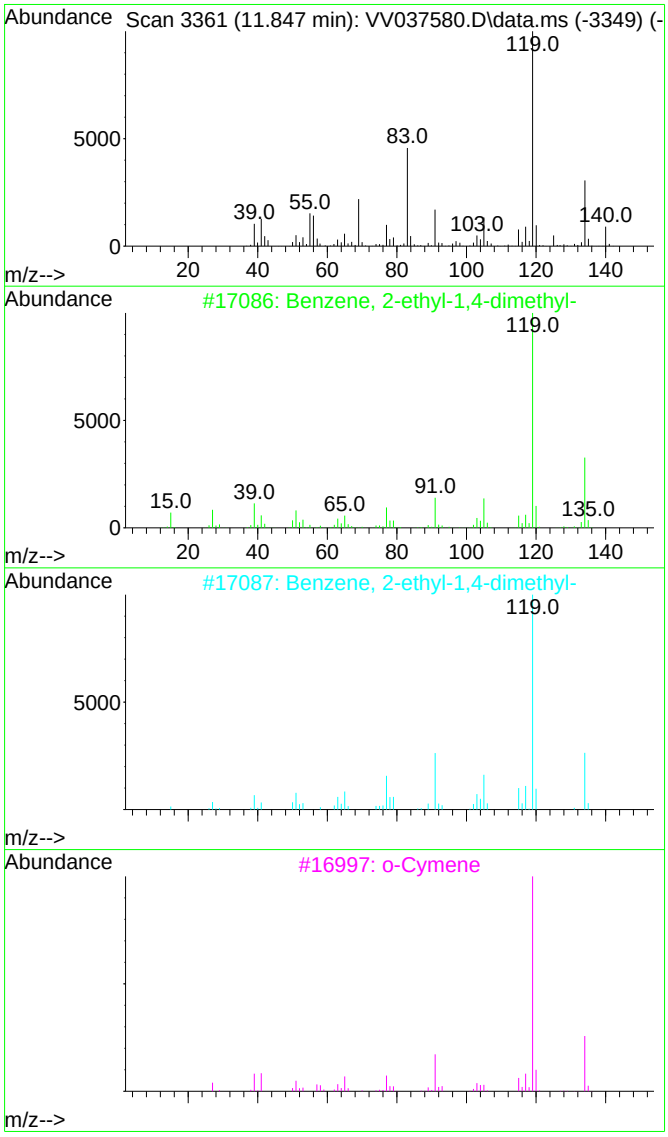
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

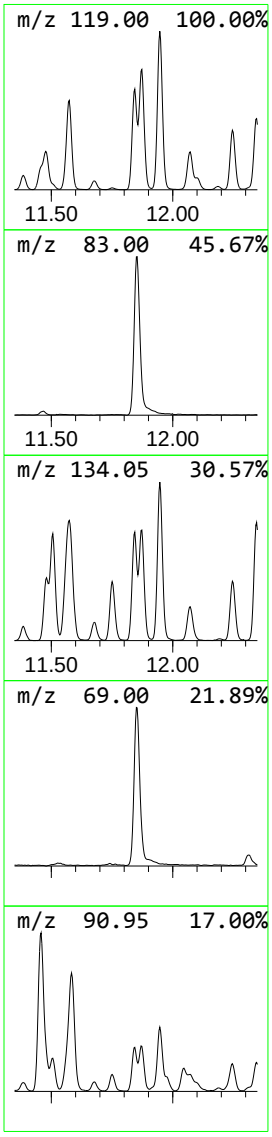
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.847	36.73 ug/L	1840780	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

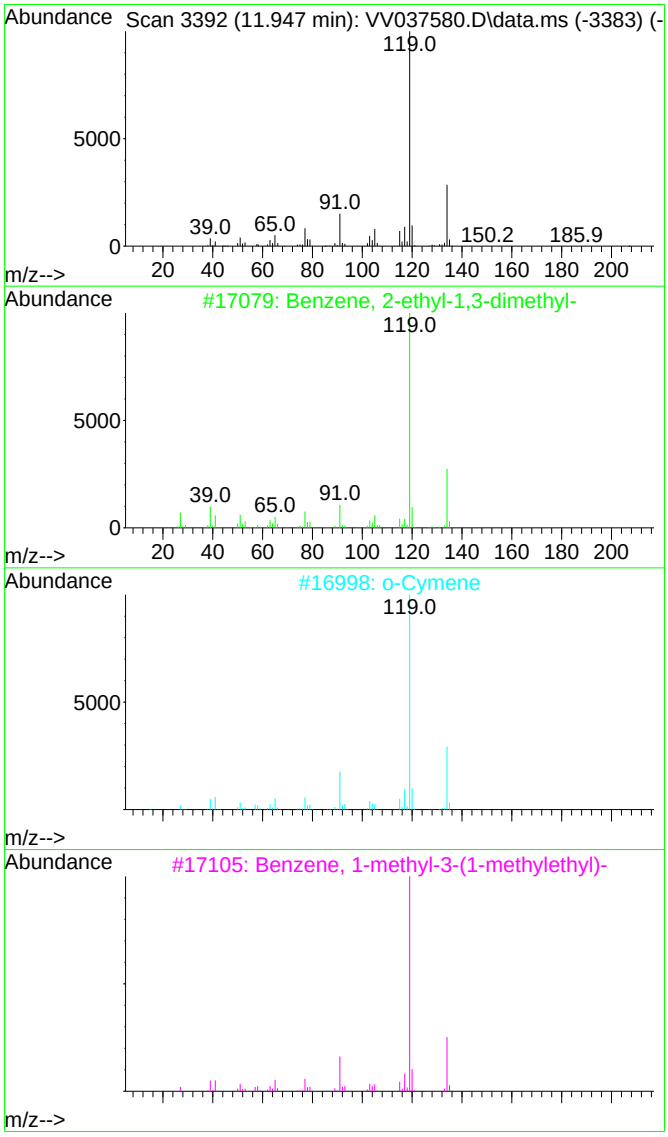
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

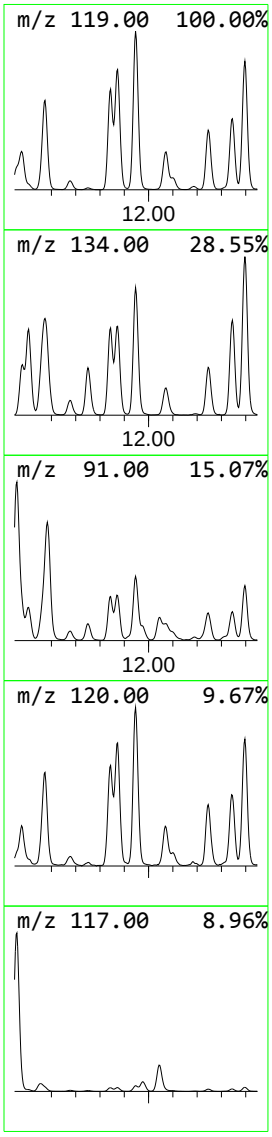
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.947	41.44 ug/L	2076660	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

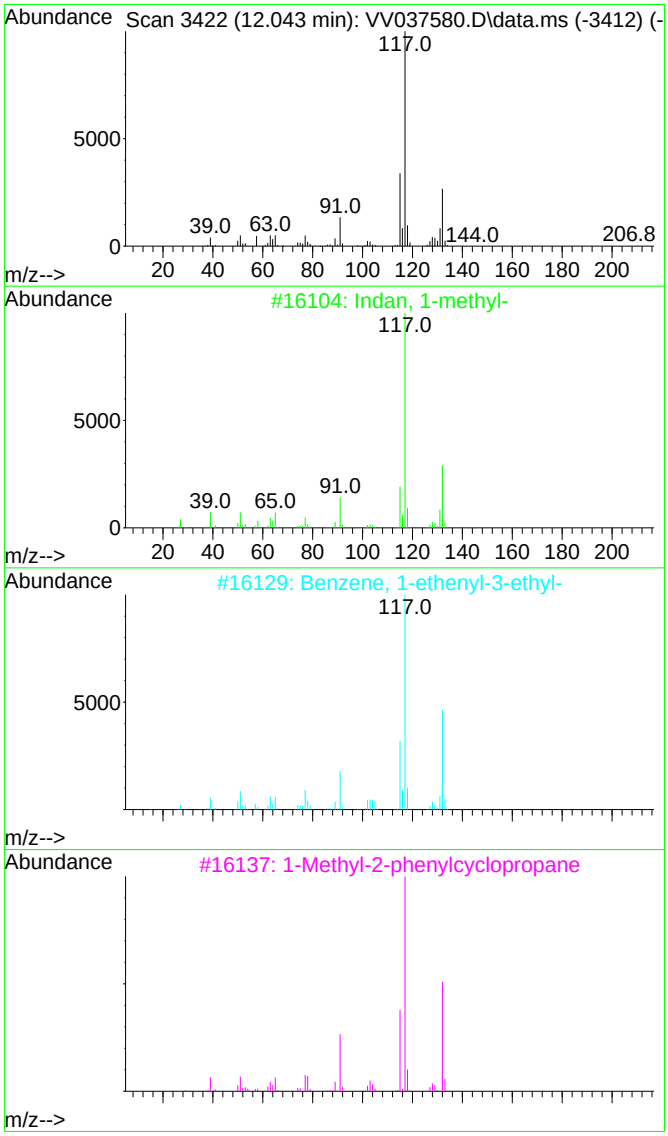
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

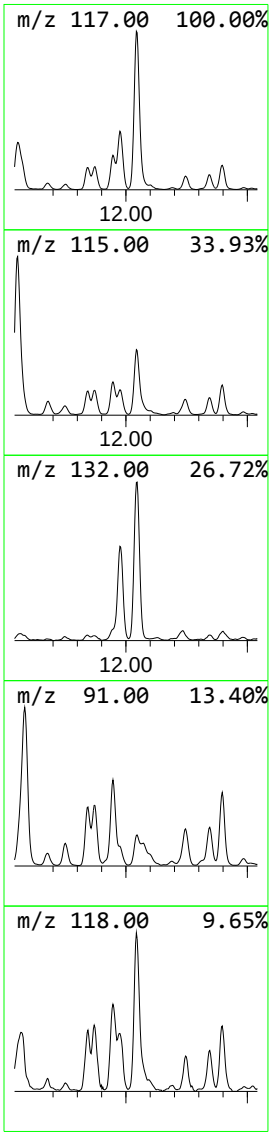
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.043	29.60 ug/L	1483320	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

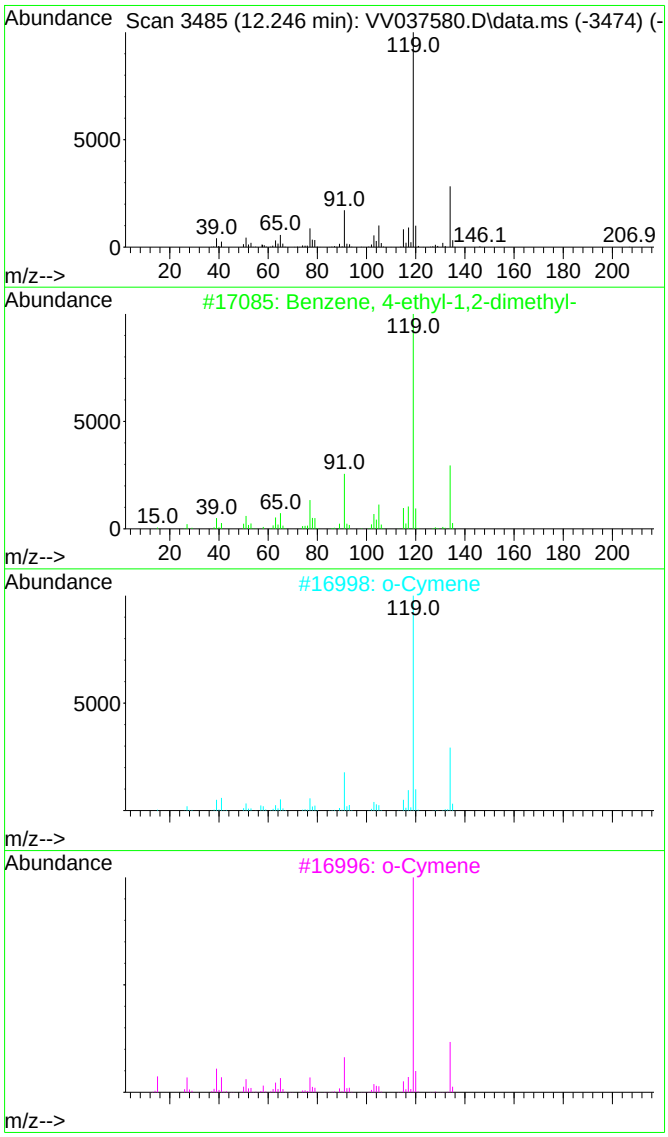
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

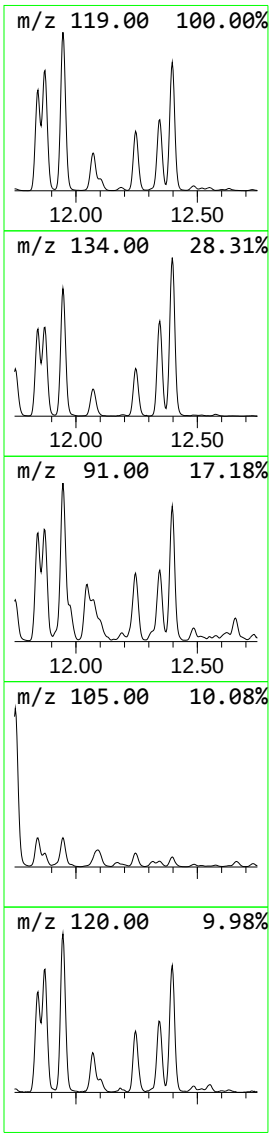
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	15.35 ug/L	769449	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

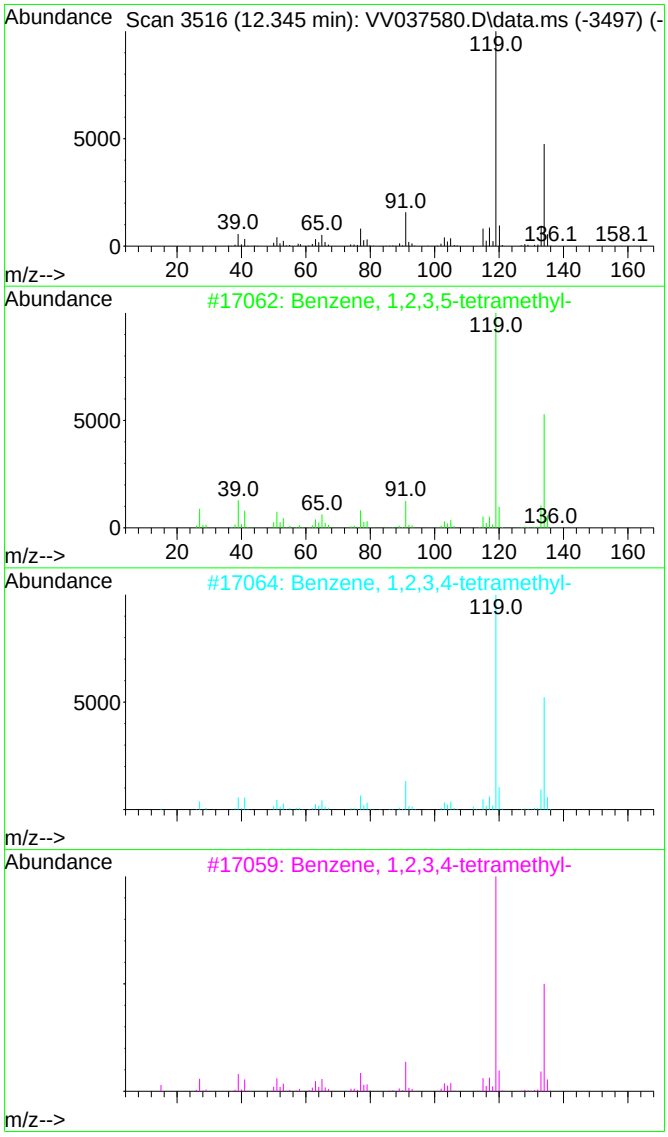
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

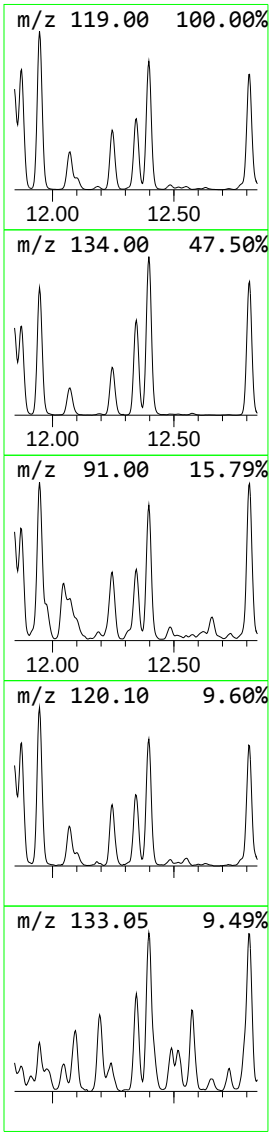
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	18.93 ug/L	948788	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

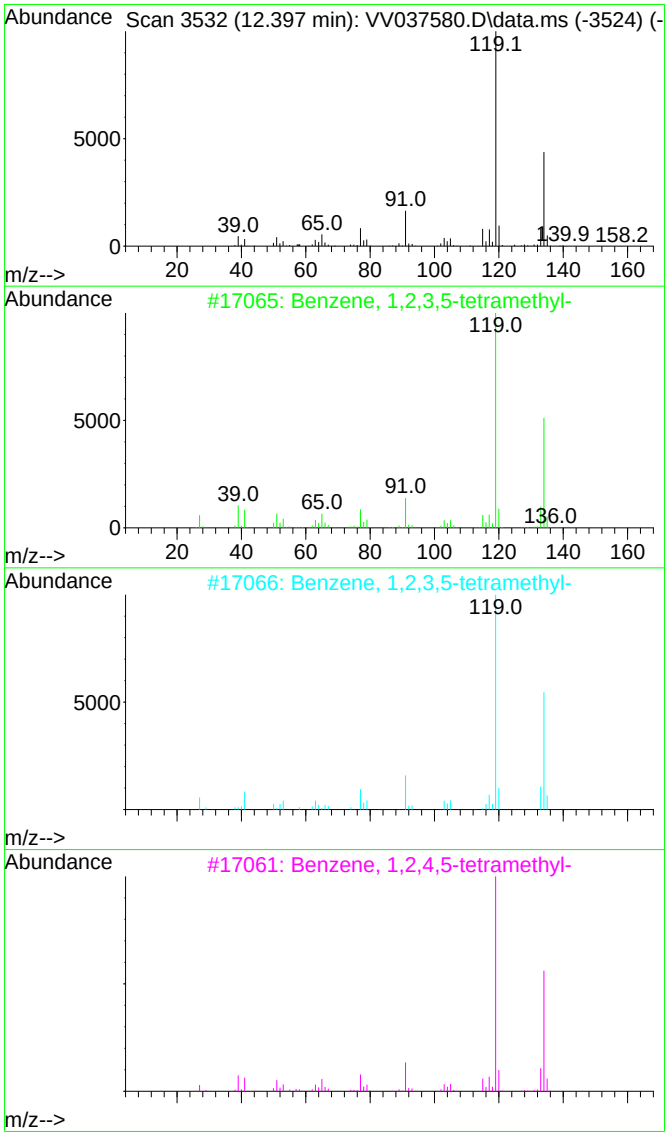
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

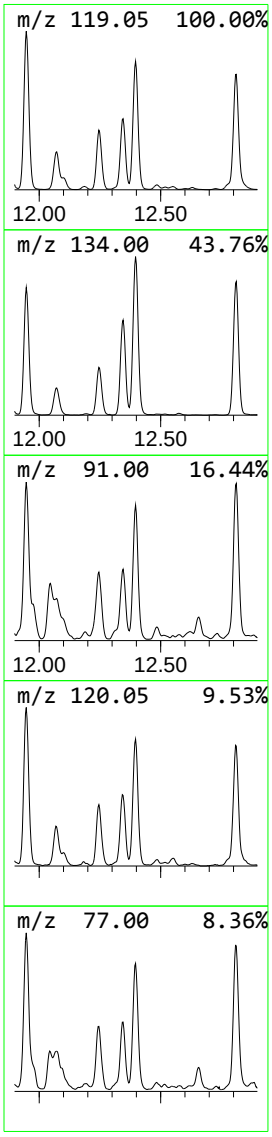
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	30.32 ug/L	1519180	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

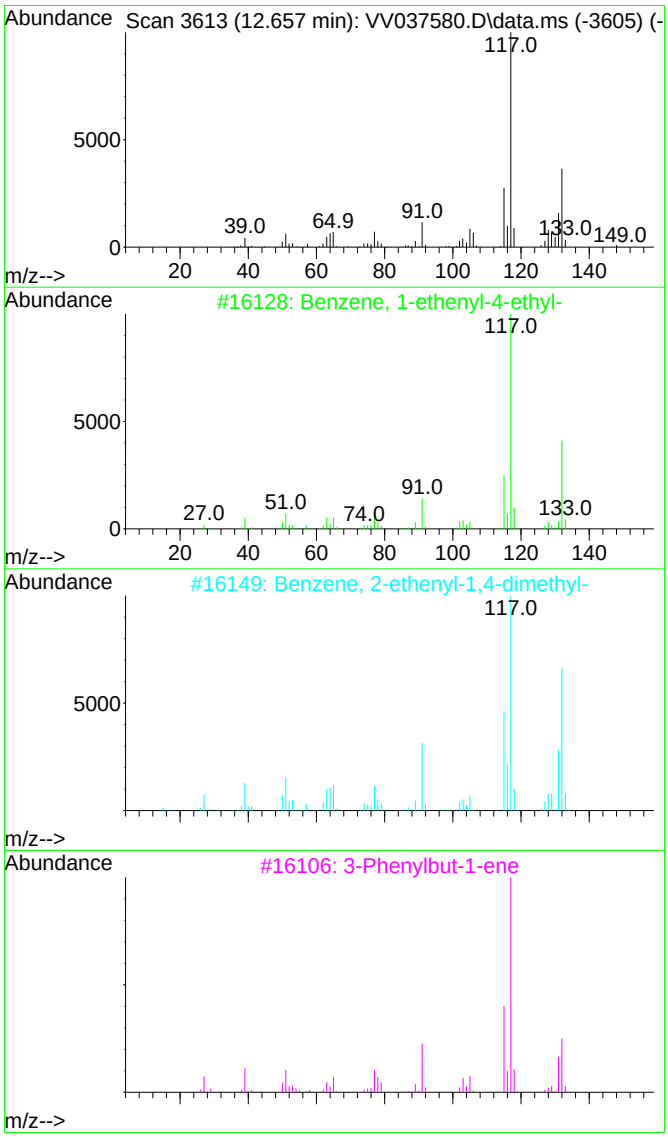
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

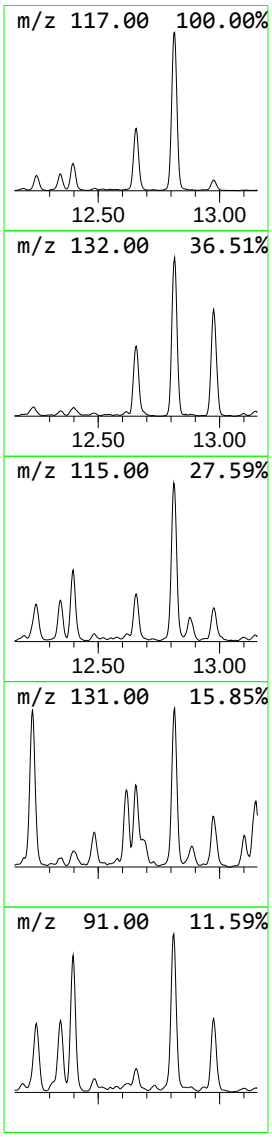
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	7.39 ug/L	370088	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

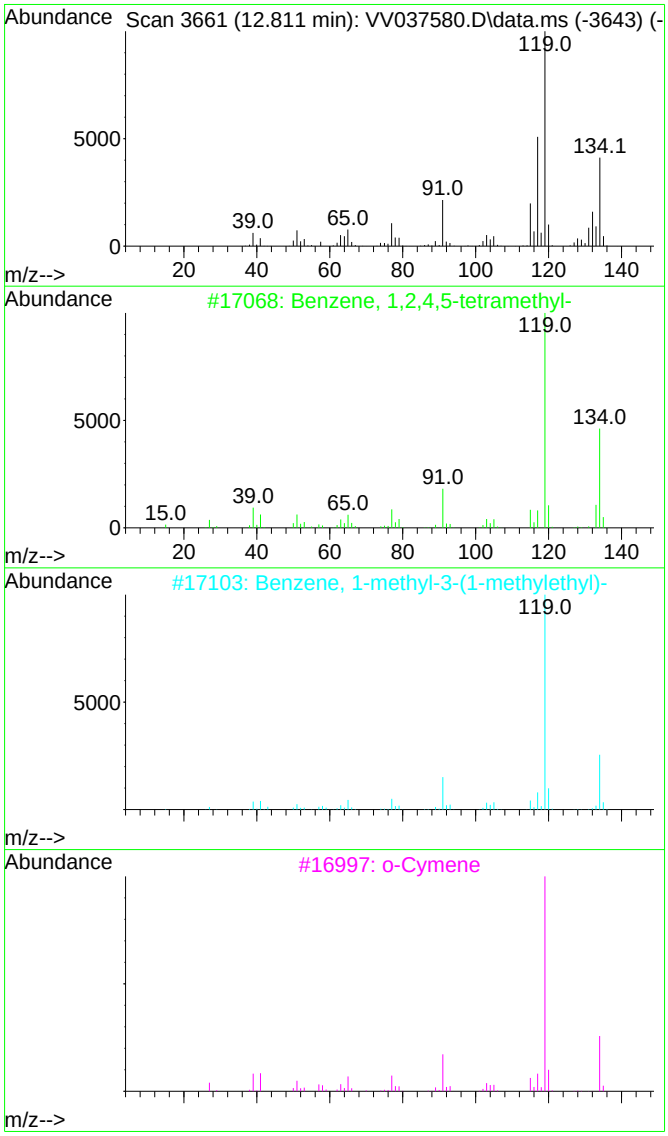
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

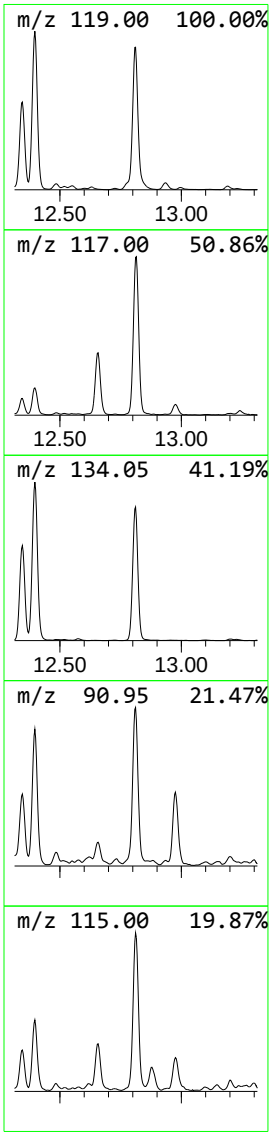
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	41.93 ug/L	2101440	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

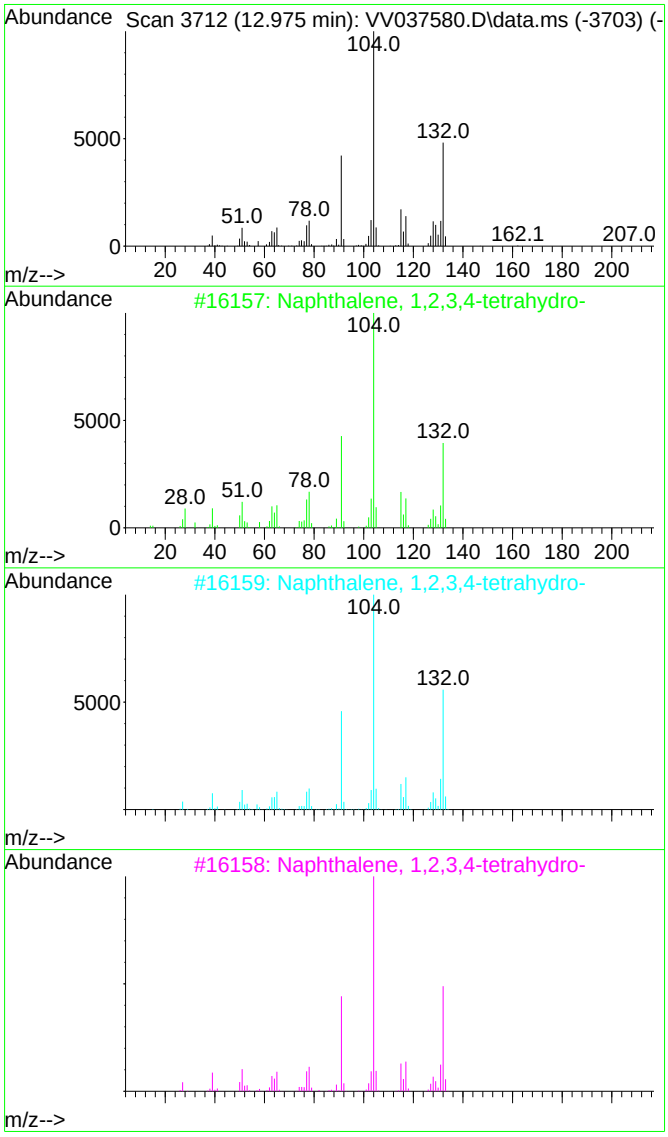
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

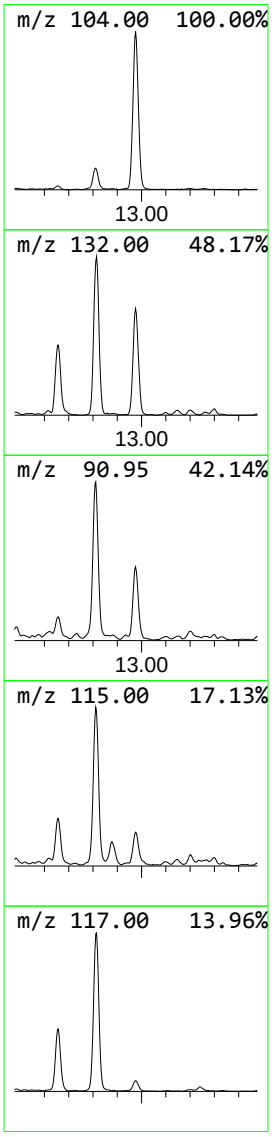
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	9.48 ug/L	475187	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

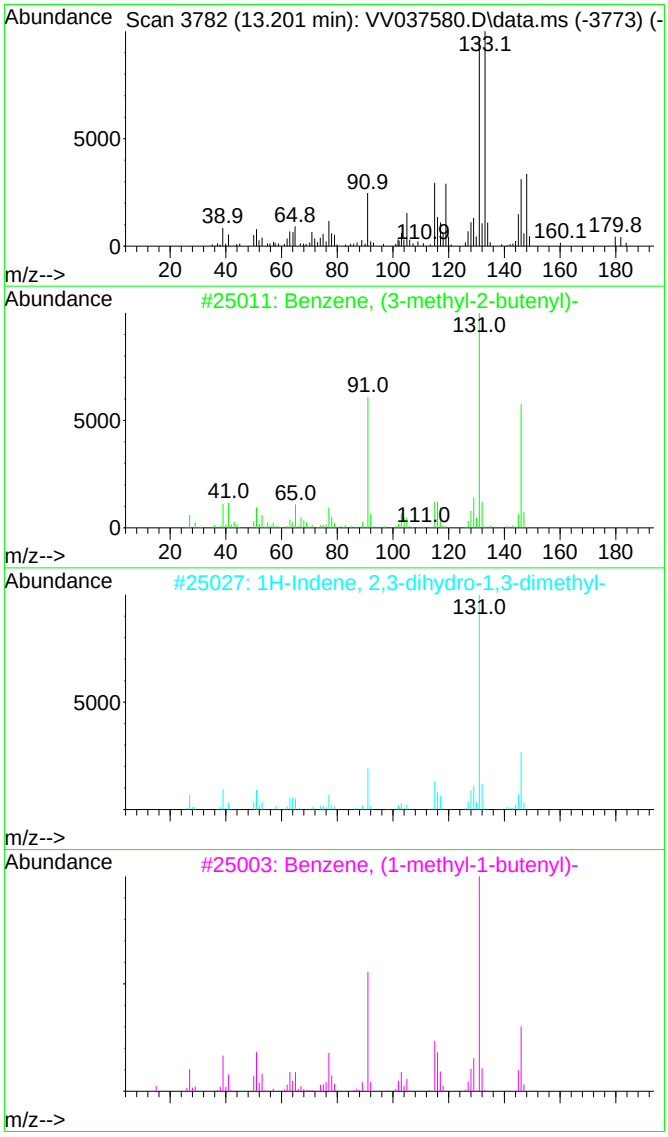
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

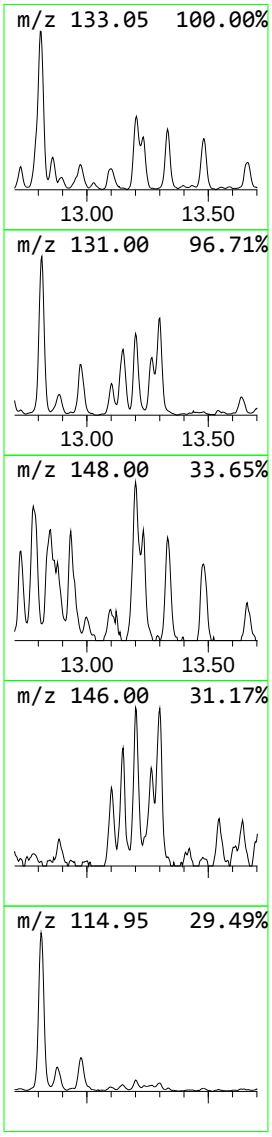
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (3-methyl-2-butenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	2.97 ug/L	148662	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	84
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

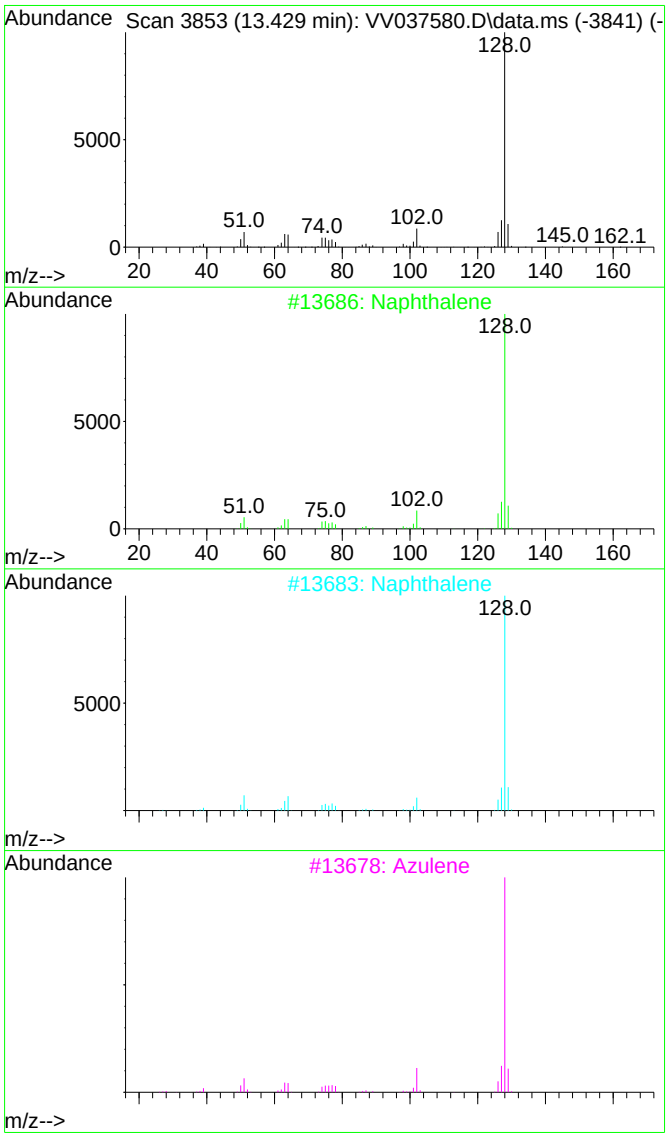
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

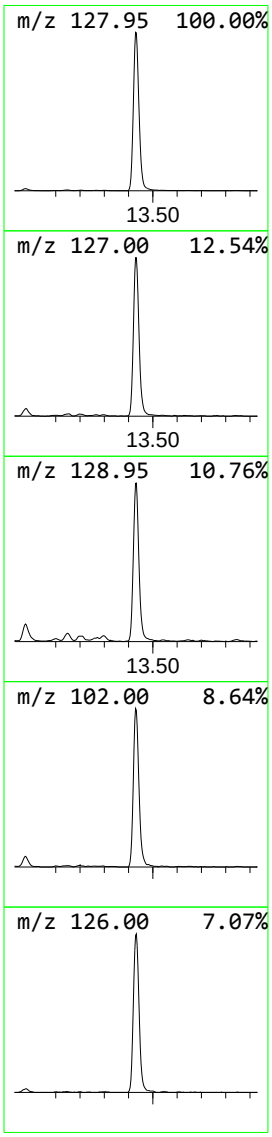
****

Peak Number 33 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.429	42.35 ug/L	2122290	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

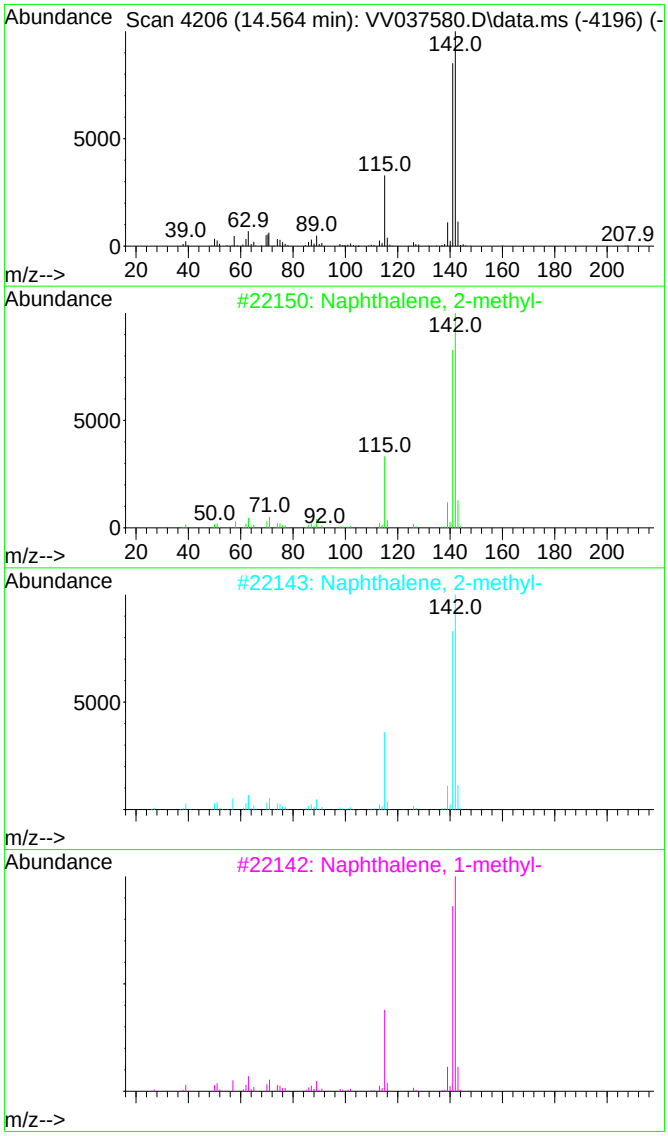
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

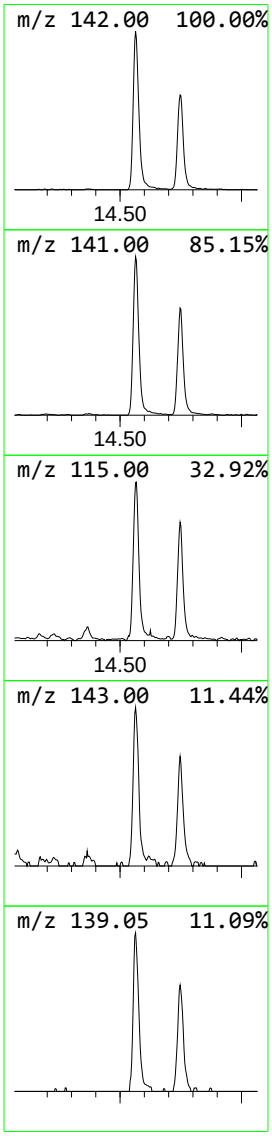
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	5.61 ug/L	280928	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

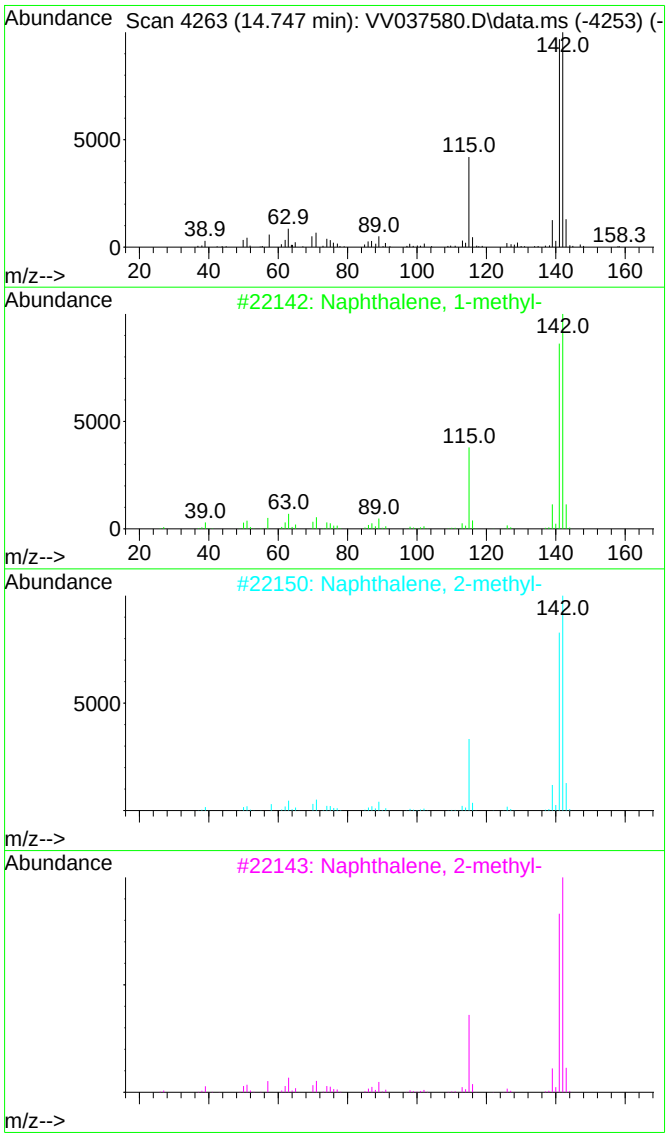
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

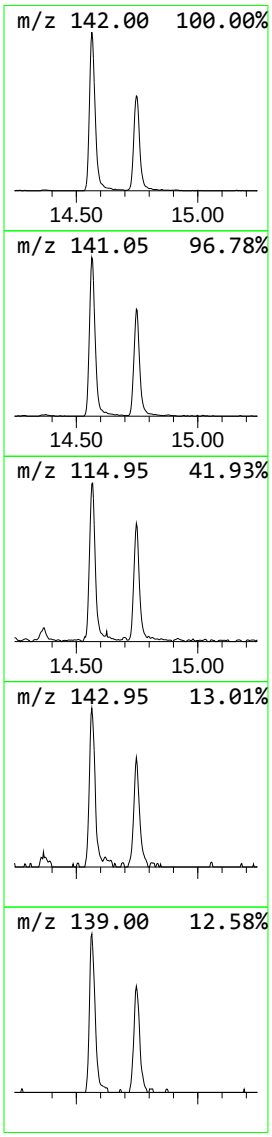
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.747	3.76 ug/L	188497	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037580.D
Acq On : 27 Sep 2024 03:41
Operator : SY/MD
Sample : P4185-04
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.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
Fluorodichlorom...	1.667	15.8	ug/L	499892	1	5.529	1578460	50.0
Allyl chloride	1.738	5.2	ug/L	164661	1	5.529	1578460	50.0
2-Butyne	1.799	4.7	ug/L	146901	1	5.529	1578460	50.0
2-Ethyl-oxetane	2.960	3.0	ug/L	93092	1	5.529	1578460	50.0
(DEL) Alkane: C...	3.661	5.3	ug/L	166201	1	5.529	1578460	50.0
2-Pentanone, 3-...	7.403	3.7	ug/L	143424	2	8.780	1941110	50.0
(DEL) Alkane: C...	8.217	2.8	ug/L	108875	2	8.780	1941110	50.0
Pentalene, octa...	9.632	3.9	ug/L	150454	2	8.780	1941110	50.0
1-(1-(Methylthi...	10.017	3.9	ug/L	193763	3	11.178	2505640	50.0
Benzene, propyl-	10.281	87.6	ug/L	4390010	3	11.178	2505640	50.0
Benzene, 1-ethy...	10.378	366.9	ug/L	18389000	3	11.178	2505640	50.0
Benzene, 1-ethy...	10.667	221.6	ug/L	11103800	3	11.178	2505640	50.0
Benzene, (2-met...	10.988	5.2	ug/L	259371	3	11.178	2505640	50.0
Benzene, 1-meth...	11.017	11.4	ug/L	569645	3	11.178	2505640	50.0
p-Cymene	11.127	18.2	ug/L	912279	3	11.178	2505640	50.0
Benzene, 1,2,3-...	11.265	356.9	ug/L	17884700	3	11.178	2505640	50.0
Indane	11.458	116.7	ug/L	5847620	3	11.178	2505640	50.0
Benzene, 1,2-di...	11.677	4.9	ug/L	246269	3	11.178	2505640	50.0
Benzene, 1-meth...	11.750	14.6	ug/L	733845	3	11.178	2505640	50.0
Benzene, 2-ethy...	11.847	36.7	ug/L	1840780	3	11.178	2505640	50.0
Benzene, 2-ethy...	11.947	41.4	ug/L	2076660	3	11.178	2505640	50.0
Indan, 1-methyl-	12.043	29.6	ug/L	1483320	3	11.178	2505640	50.0
Benzene, 4-ethy...	12.246	15.4	ug/L	769449	3	11.178	2505640	50.0
Benzene, 1,2,3,...	12.345	18.9	ug/L	948788	3	11.178	2505640	50.0
Benzene, 1,2,3,...	12.397	30.3	ug/L	1519180	3	11.178	2505640	50.0
Benzene, 1-ethe...	12.657	7.4	ug/L	370088	3	11.178	2505640	50.0
Benzene, 1,2,4,...	12.812	41.9	ug/L	2101440	3	11.178	2505640	50.0
Naphthalene, 1,...	12.976	9.5	ug/L	475187	3	11.178	2505640	50.0
Benzene, (3-met...	13.201	3.0	ug/L	148662	3	11.178	2505640	50.0
Azulene	13.429	42.4	ug/L	2122290	3	11.178	2505640	50.0
Naphthalene, 2-...	14.564	5.6	ug/L	280928	3	11.178	2505640	50.0
Naphthalene, 1-...	14.747	3.8	ug/L	188497	3	11.178	2505640	50.0