LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.001 Max Peaks: 200
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

Signal : TIC: VL037735.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.874	13	27	59	rBV	4672397	10486018	98.17%	7.005%
2	3.012	61	70	84	rVV4	332918	631019	5.91%	0.422%
3	3.208	121	131	139	rBV3	197736	358204	3.35%	0.239%
4	3.308	152	162	171	rBV2	398278	655719	6.14%	0.438%
5	3.353	171	176	188	rVB3	119972	190325	1.78%	0.127%
6	3.848	321	330	352	rBV	1082094	2525951	23.65%	1.687%
7	5.176	732	743	751	rBV5	107507	221737	2.08%	0.148%
8	5.661	880	894	921	rBV2	2067352	4777884	44.73%	3.192%
9	7.163	1339	1361	1383	rBV	3949477	8876993	83.11%	5.930%
10	7.237	1383	1384	1400	rVV9	145340	287919	2.70%	0.192%
11	7.475	1435	1458	1479	rBV5	233608	686001	6.42%	0.458%
12	7.777	1541	1552	1555	rBV7	75749	114948	1.08%	0.077%
13	7.851	1564	1575	1595	rVB9	180064	478325	4.48%	0.320%
14	8.803	1846	1871	1882	rBV2	700412	1798726	16.84%	1.202%
15	8.848	1882	1885	1907	rVB7	245948	491458	4.60%	0.328%
16	9.108	1954	1966	1986	rBV9	103259	263536	2.47%	0.176%
17	9.340	2022	2038	2054	rBV5	275357	651417	6.10%	0.435%
18	9.555	2091	2105	2120	rBV5	305451	711836	6.66%	0.476%
19	9.790	2165	2178	2192	rBV8	59867	143980	1.35%	0.096%
20	10.044	2242	2257	2266	rBV4	531362	1181579	11.06%	0.789%
21	10.095	2268	2273	2284	rVB4	128900	228544	2.14%	0.153%
22	10.282	2315	2331	2342	rBV5	287603	647681	6.06%	0.433%
23	10.420	2362	2374	2376	rVV6	128462	195488	1.83%	0.131%
24	10.468	2376	2389	2400	rVV3	973732	2431395	22.76%	1.624%
25	10.526	2400	2407	2422	rVB5	428328	961020	9.00%	0.642%
26	10.732	2456	2471	2491	rVB6	218081	625296	5.85%	0.418%
27	10.883	2515	2518	2531	rVB5	150463	225685	2.11%	0.151%
28	10.973	2536	2546	2560	rBV8	61283	136520	1.28%	0.091%
29	11.089	2564	2582	2600	rBV3	869217	2066516	19.35%	1.380%
30	11.201	2603	2617	2629	rBV5	210018	471405	4.41%	0.315%
31	11.294	2629	2646	2663	rVB4	392735	973327	9.11%	0.650%
32	11.487	2696	2706	2708	rBV7	90339	109264	1.02%	0.073%
33	11.497	2708	2709	2724	rVB5	99059	131630	1.23%	0.088%
34	11.683	2752	2767	2784	rVB4	407546	1103337	10.33%	0.737%
35	11.815	2791	2808	2824	rBV4	216855	508610	4.76%	0.340%
36	12.002	2847	2866	2873	rBV3	520683	1328465	12.44%	0.887%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
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Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.001 Max Peaks: 200
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

37	12.073	2873	2888	2908	rVV2	4115583	10680996	100.00%	7.135%
38	12.175	2908	2920	2927	rVV3	755897	1951733	18.27%	1.304%
39	12.211	2929	2931	2946	rVB5	359799	609085	5.70%	0.407%
40	12.333	2953	2969	2985	rVV5	1505817	3714215	34.77%	2.481%
41	12.423	2985	2997	3010	rVV6	257958	645484	6.04%	0.431%
42	12.497	3013	3020	3021	rVV5	120934	114973	1.08%	0.077%
43	12.503	3021	3022	3034	rVB5	127706	165560	1.55%	0.111%
44	12.674	3067	3075	3077	rBV5	92249	111838	1.05%	0.075%
45	12.690	3079	3080	3090	rVB7	155966	148090	1.39%	0.099%
46	12.796	3094	3113	3124	rBV3	835983	2042953	19.13%	1.365%
47	12.864	3124	3134	3151	rVV4	646256	1521152	14.24%	1.016%
48	12.957	3151	3163	3168	rVV6	193832	468987	4.39%	0.313%
49	12.982	3168	3171	3185	rVV10	168264	268782	2.52%	0.180%
50	13.063	3185	3196	3213	rVB3	337379	771313	7.22%	0.515%
51	13.253	3241	3255	3256	rBV4	250184	396292	3.71%	0.265%
52	13.301	3260	3270	3284	rVB3	419980	1119814	10.48%	0.748%
53	13.532	3326	3342	3365	rBV8	497176	1715263	16.06%	1.146%
54	13.658	3365	3381	3382	rBV8	117579	207608	1.94%	0.139%
55	13.664	3382	3383	3395	rVB6	127700	165164	1.55%	0.110%
56	13.767	3395	3415	3428	rBV6	609788	2006928	18.79%	1.341%
57	13.867	3435	3446	3461	rVB2	725622	1713931	16.05%	1.145%
58	13.947	3461	3471	3484	rVB4	286525	612445	5.73%	0.409%
59	14.063	3495	3507	3526	rVB4	412300	1077602	10.09%	0.720%
60	14.307	3563	3583	3594	rBV9	152240	438563	4.11%	0.293%
61	14.400	3594	3612	3625	rBV2	4218261	10437195	97.72%	6.972%
62	14.478	3625	3636	3653	rVV5	1176905	3605553	33.76%	2.409%
63	14.564	3655	3663	3664	rVV7	228109	317293	2.97%	0.212%
64	14.587	3668	3670	3685	rVB6	260871	440305	4.12%	0.294%
65	14.725	3696	3713	3727	rVB4	328184	867863	8.13%	0.580%
66	14.863	3733	3756	3769	rBV4	980468	2662256	24.93%	1.778%
67	14.928	3769	3776	3778	rVV3	219962	314440	2.94%	0.210%
68	14.937	3778	3779	3788	rVB3	198289	154627	1.45%	0.103%
69	15.056	3803	3816	3828	rBV3	253306	581767	5.45%	0.389%
70	15.150	3828	3845	3855	rBV6	681497	1834314	17.17%	1.225%
71	15.214	3855	3865	3884	rVB3	779654	1986077	18.59%	1.327%
72	15.304	3884	3893	3895	rBV3	217690	271936	2.55%	0.182%
73	15.375	3912	3915	3928	rVB6	158241	231477	2.17%	0.155%
74	15.471	3930	3945	3960	rBV3	837196	2271738	21.27%	1.518%
75	15.558	3971	3972	3985	rVB5	161888	205211	1.92%	0.137%
76	15.754	4032	4033	4043	rVB5	124758	127203	1.19%	0.085%

LSC Area Percent Report

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Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.001 Max Peaks: 200
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

77	15.841	4046	4060	4080	rVB8	403901	1241894	11.63%	0.830%
78	15.960	4086	4097	4104	rBV8	73235	164863	1.54%	0.110%
79	16.072	4117	4132	4133	rBV3	735736	1291925	12.10%	0.863%
80	16.101	4136	4141	4142	rVV	1034520	1048863	9.82%	0.701%
81	16.108	4142	4143	4165	rVB3	1084737	1694250	15.86%	1.132%
82	16.506	4251	4267	4281	rBV6	374687	978547	9.16%	0.654%
83	16.645	4300	4310	4315	rBV4	149544	272191	2.55%	0.182%
84	16.748	4332	4342	4343	rVV5	155631	174659	1.64%	0.117%
85	16.754	4343	4344	4356	rVB6	165051	187075	1.75%	0.125%
86	16.850	4363	4374	4385	rVB6	137212	343604	3.22%	0.230%
87	16.963	4389	4409	4423	rBV3	786232	2381769	22.30%	1.591%
88	17.037	4423	4432	4447	rVV7	251954	677157	6.34%	0.452%
89	17.121	4447	4458	4465	rVV6	135181	274881	2.57%	0.184%
90	17.252	4486	4499	4519	rVB10	187196	516372	4.83%	0.345%
91	17.677	4612	4631	4648	rVB2	372306	1001096	9.37%	0.669%
92	17.918	4688	4706	4730	rBV2	1519361	4073208	38.14%	2.721%
93	18.162	4763	4782	4795	rBV3	647697	1733659	16.23%	1.158%
94	18.342	4818	4838	4858	rBV2	3094966	8868239	83.03%	5.924%
95	18.410	4858	4859	4878	rVB3	352366	530192	4.96%	0.354%
96	18.529	4883	4896	4898	rBV7	84721	135627	1.27%	0.091%
97	18.696	4935	4948	4960	rBV7	230525	575966	5.39%	0.385%
98	18.799	4964	4980	4994	rVV6	352013	1093961	10.24%	0.731%
99	18.889	4994	5008	5022	rVV2	1839864	5216172	48.84%	3.484%
100	18.947	5025	5026	5041	rVV3	569076	754231	7.06%	0.504%
101	19.050	5041	5058	5082	rVB3	1195935	3293437	30.83%	2.200%
102	19.191	5089	5102	5103	rBV6	215604	302799	2.83%	0.202%
103	19.198	5103	5104	5120	rVB5	197626	264985	2.48%	0.177%
104	19.442	5161	5180	5203	rVB4	836505	2641009	24.73%	1.764%
105	19.715	5251	5265	5267	rBV6	138863	228374	2.14%	0.153%
106	19.735	5270	5271	5280	rVV5	121732	150072	1.41%	0.100%
107	19.799	5280	5291	5309	rVB6	162058	435319	4.08%	0.291%
108	19.956	5328	5340	5341	rBV7	99024	138076	1.29%	0.092%
109	19.969	5341	5344	5353	rVB8	69864	118855	1.11%	0.079%
110	20.021	5358	5360	5373	rVB8	72872	123403	1.16%	0.082%
111	21.490	5816	5817	5833	rVB4	87032	118262	1.11%	0.079%

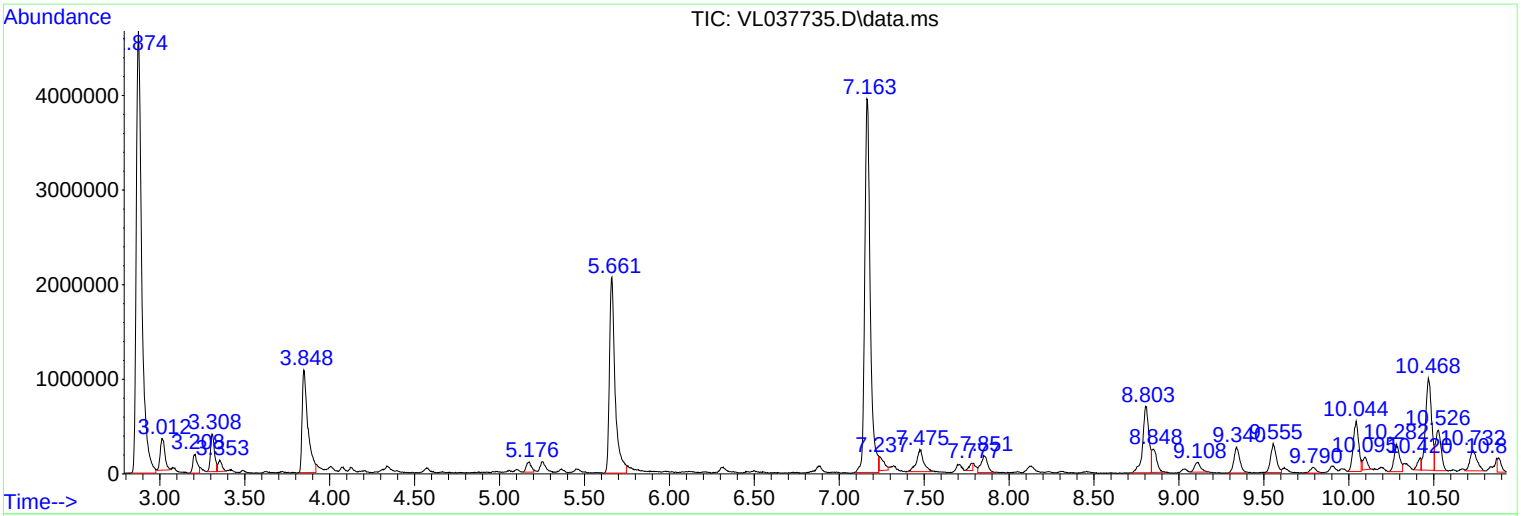
Sum of corrected areas: 149700776

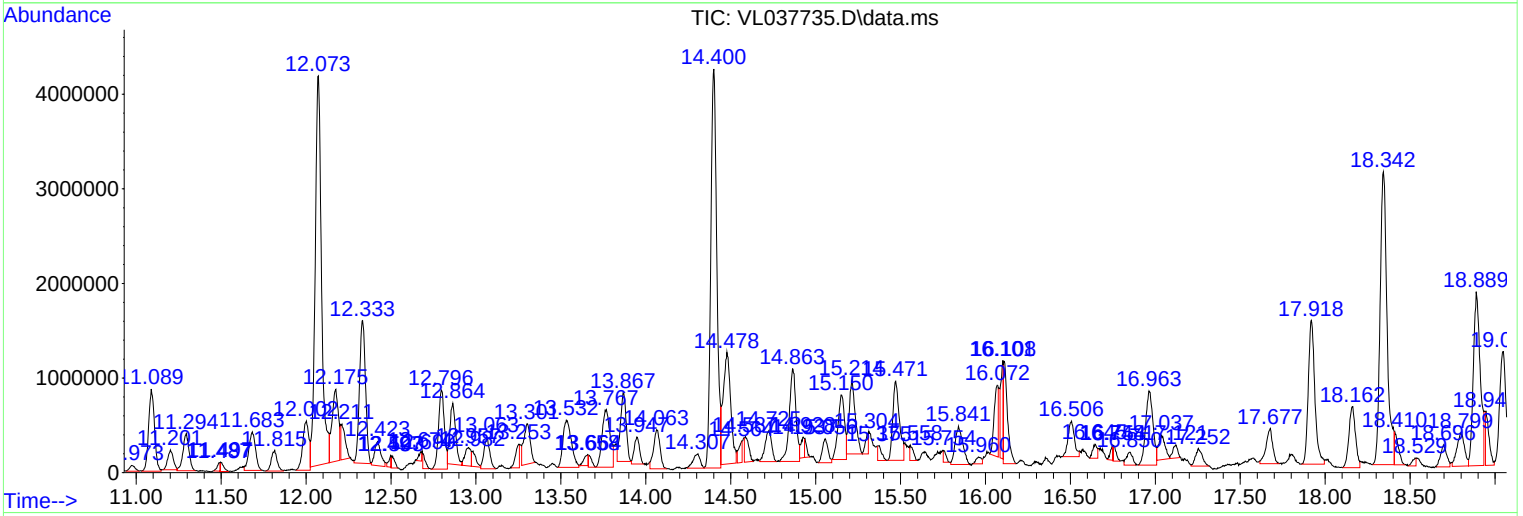
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

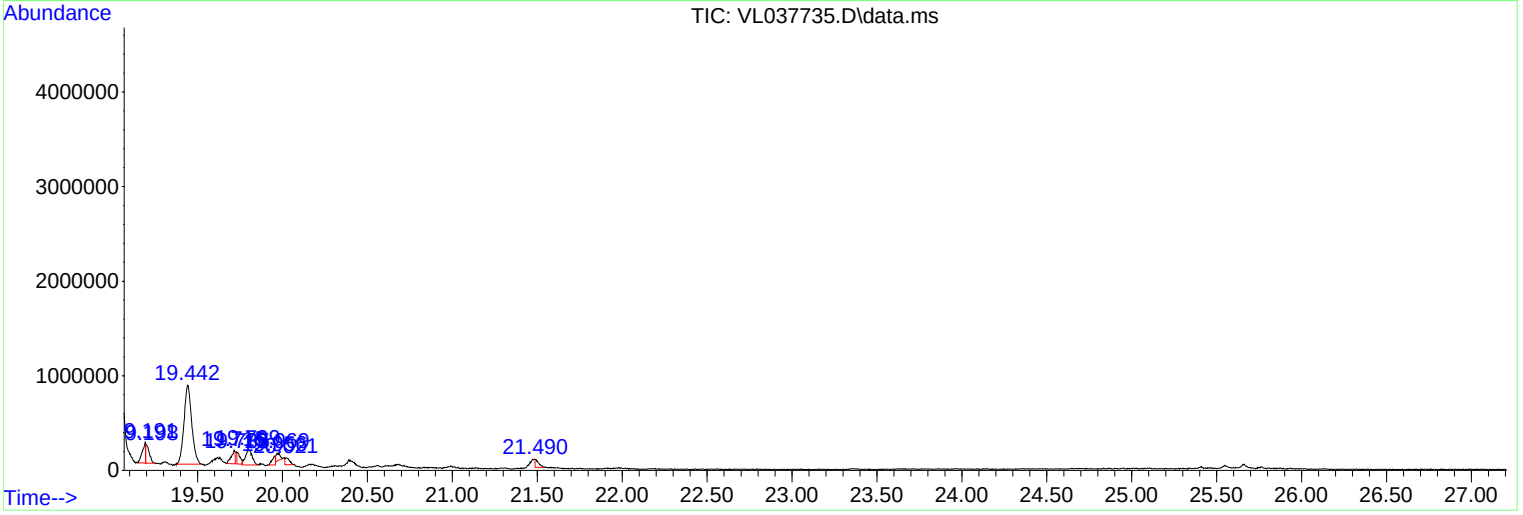
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
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Instrument : MSVOA_L
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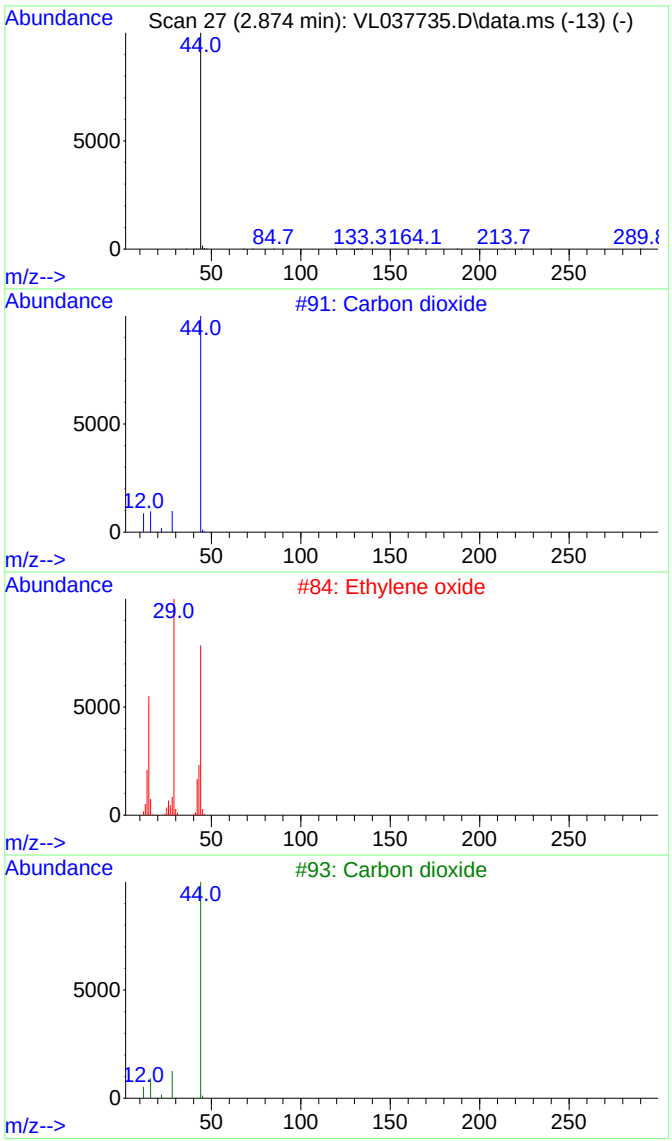
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

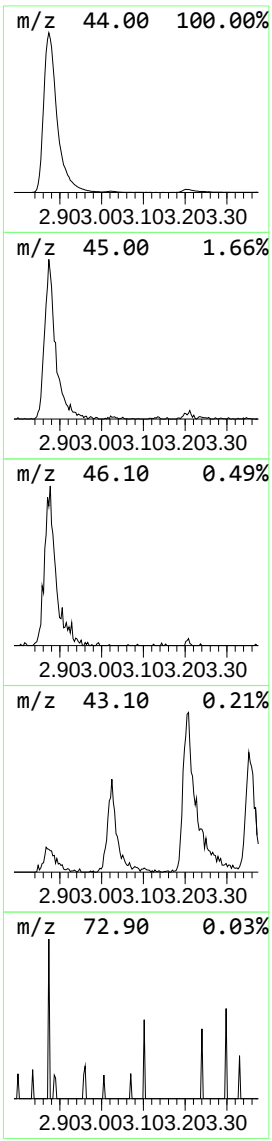
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.874	21.95 ppbv	10486000	Bromochloromethane	5.661

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	4
2	Ethylene oxide	44	C2H4O	000075-21-8	3
3	Carbon dioxide	44	CO2	000124-38-9	3
4	Carbon dioxide	44	CO2	000124-38-9	3
5	Ethyne, fluoro-	44	C2HF	002713-09-9	3





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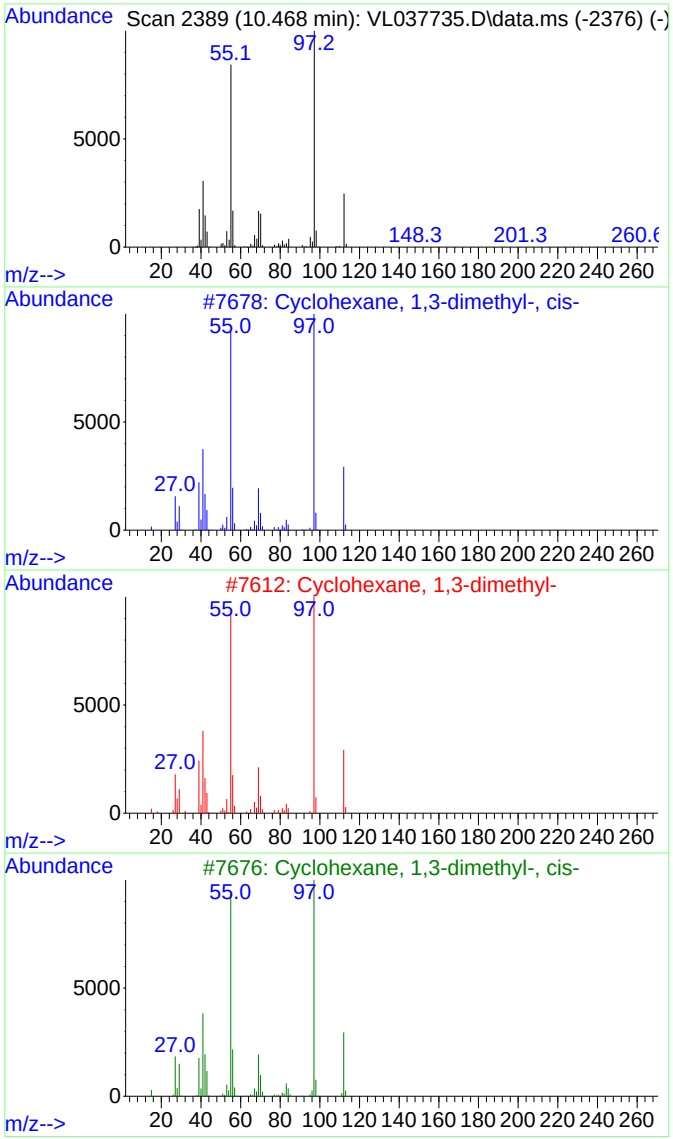
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

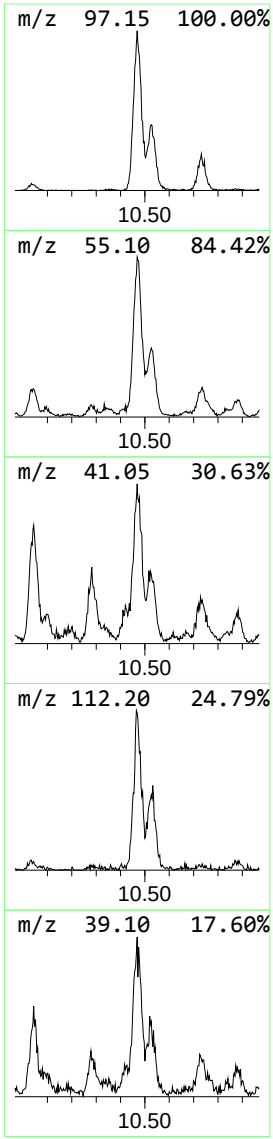
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.468	2.28 ppbv	2431400	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90





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Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

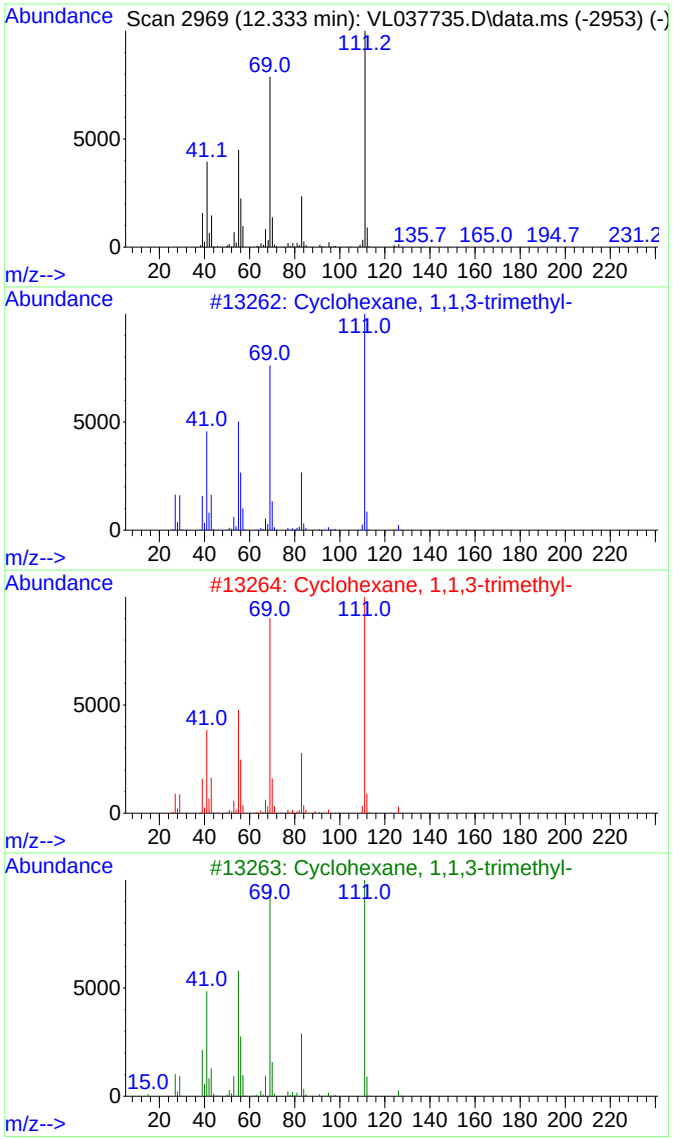
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

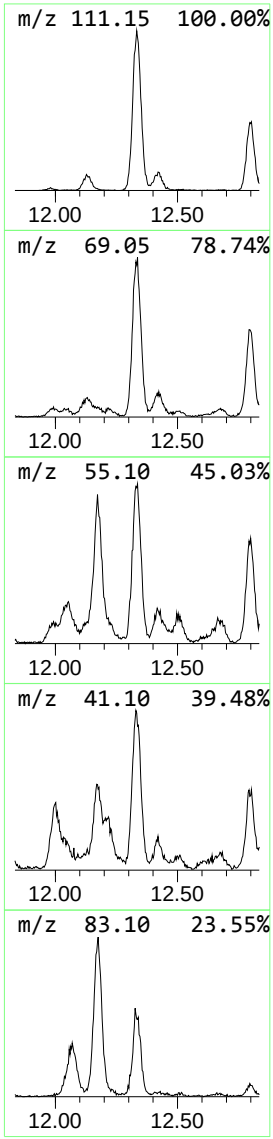
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	3.48 ppbv	3714220	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64





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Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

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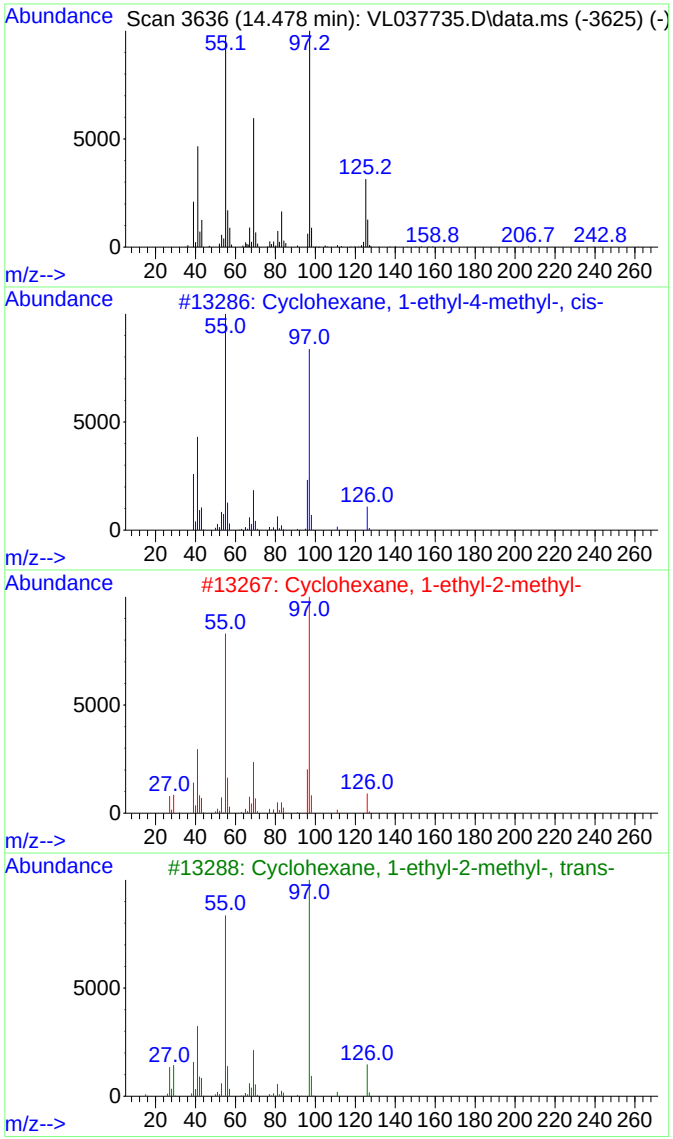
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

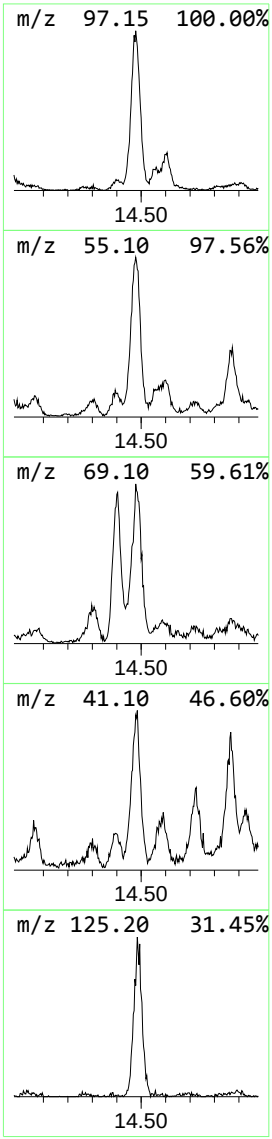
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.478	3.38 ppbv	3605550	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	68
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

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

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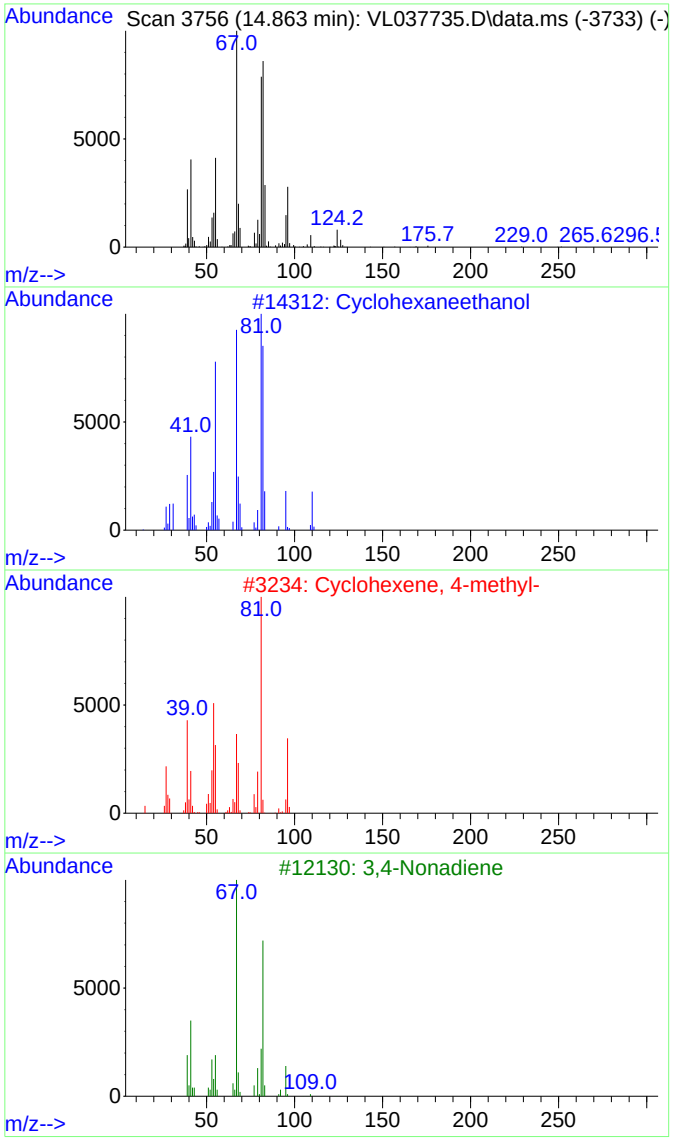
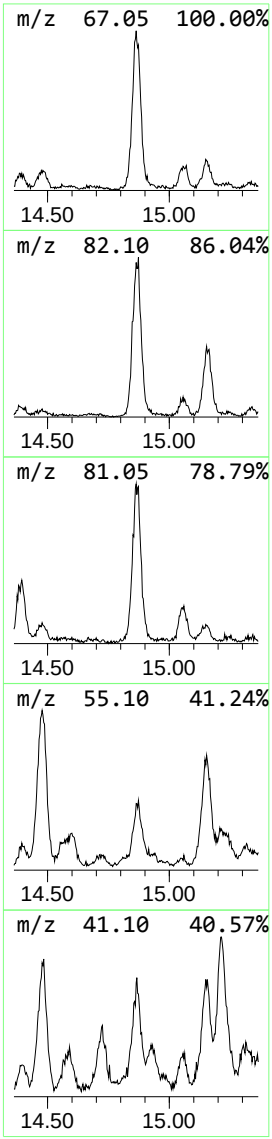
Peak Number 5 Cyclohexaneethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	2.49 ppbv	2662260	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol	128	C8H16O	004442-79-9	53
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	3,4-Nonadiene	124	C9H16	037050-03-6	43
4	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	43
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

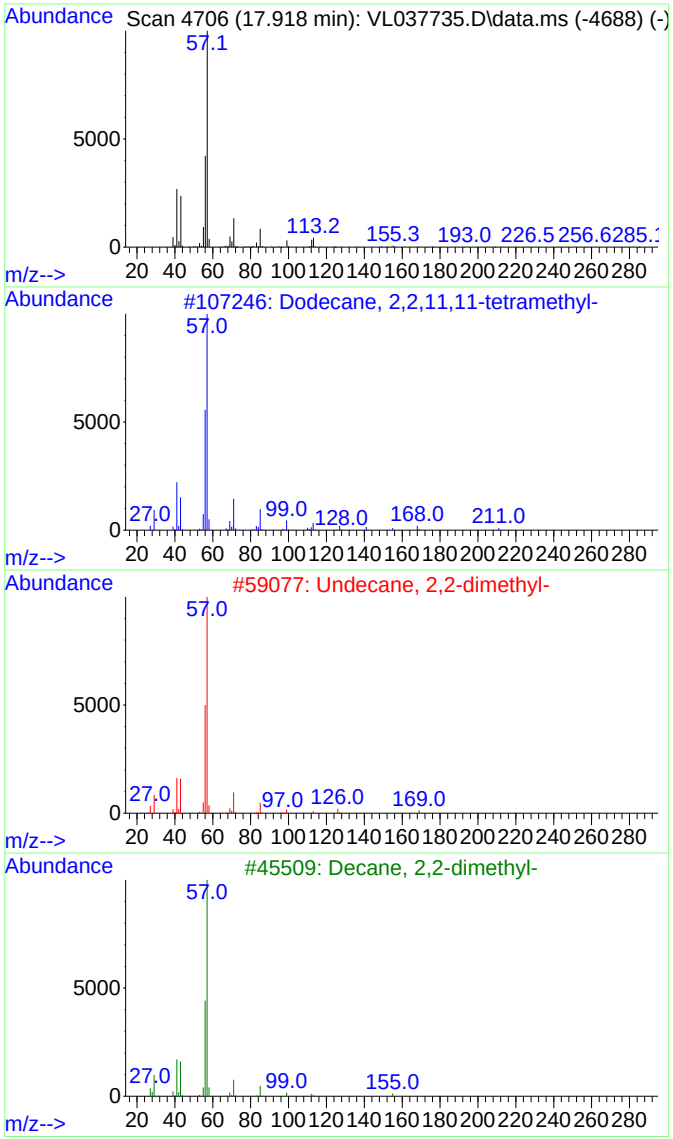
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

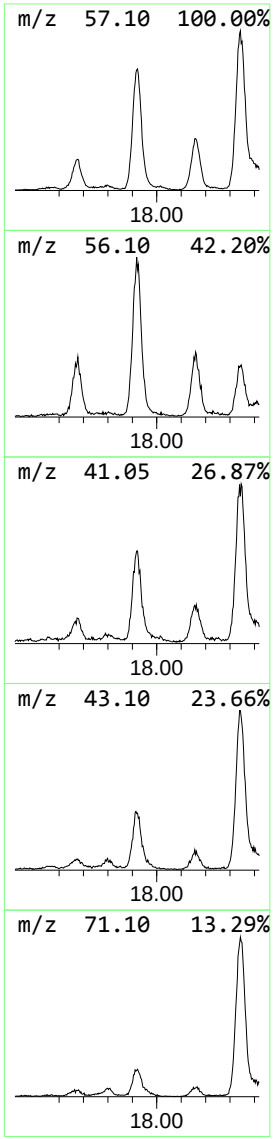
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dodecane, 2,2,11,11-tetrame... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.918	3.81 ppbv	4073210	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	83
2	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78
3	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

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

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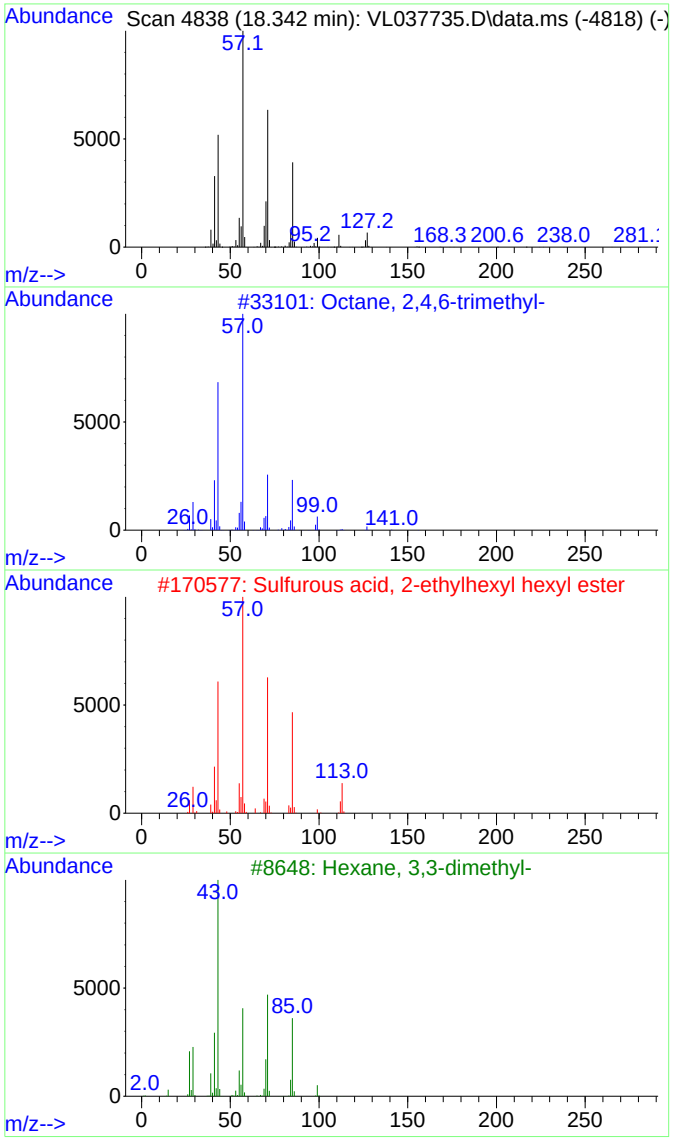
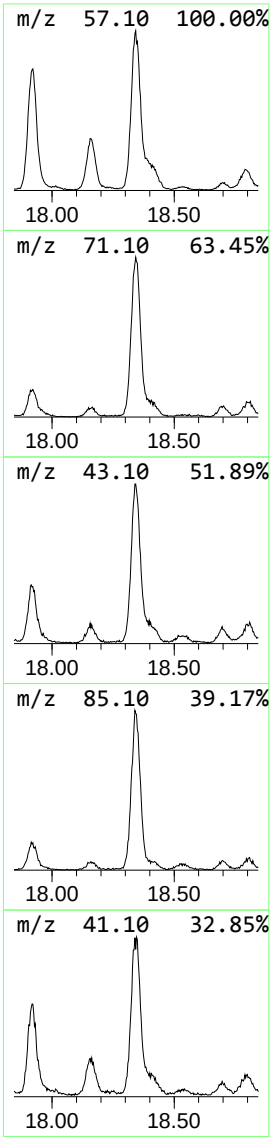
Peak Number 7 Octane, 2,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	8.30 ppbv	8868240	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	64
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

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

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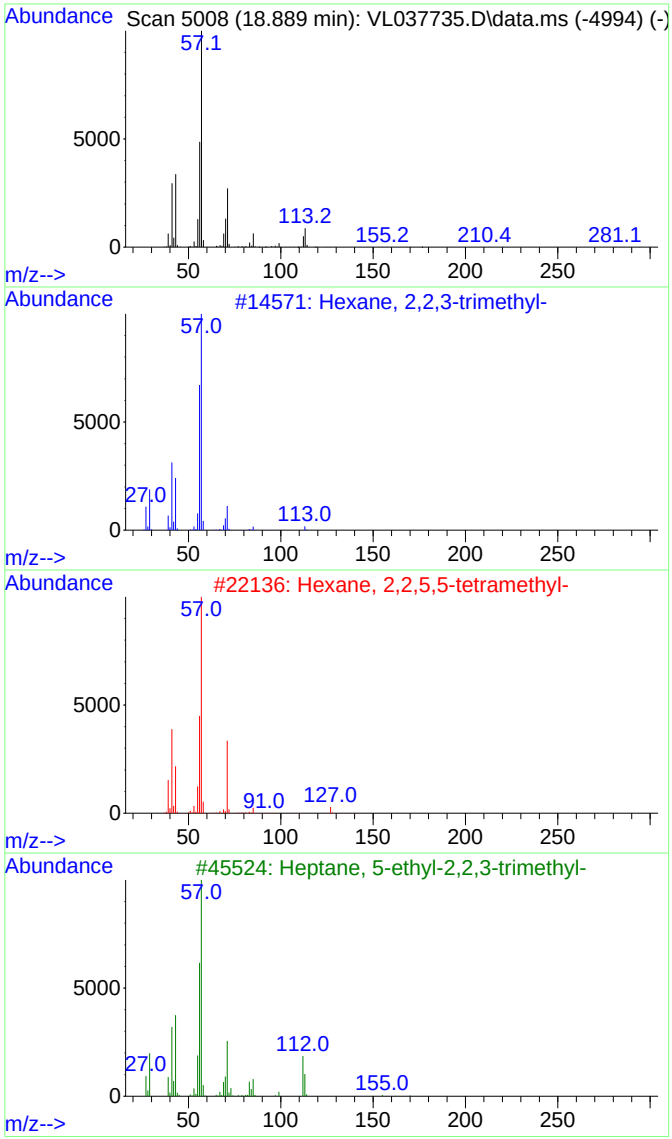
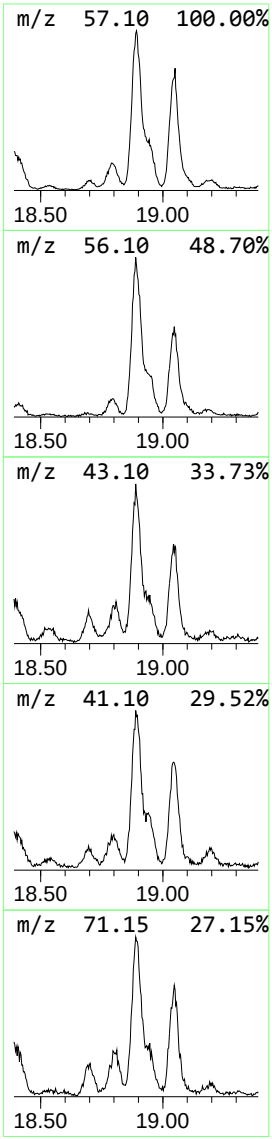
Peak Number 8 Hexane, 2,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	4.88 ppbv	5216170	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
3	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	56
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

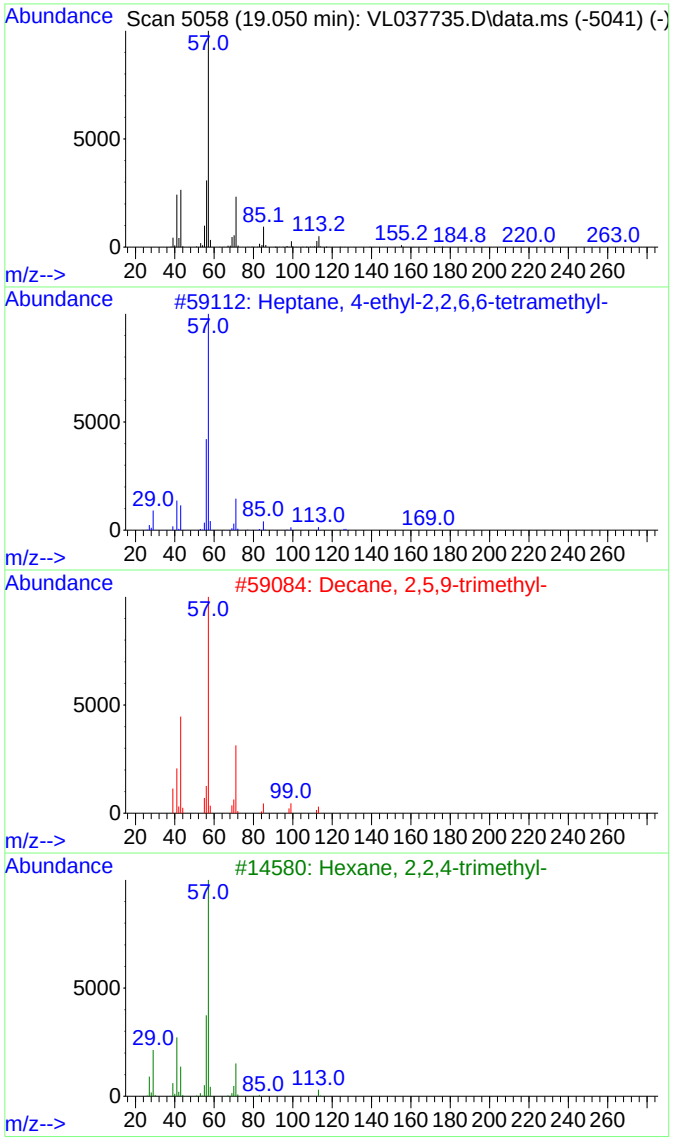
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

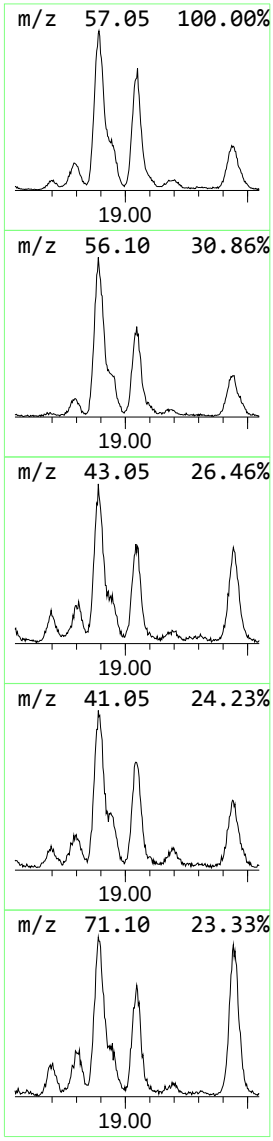
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.050	3.08 ppbv	3293440	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	59
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

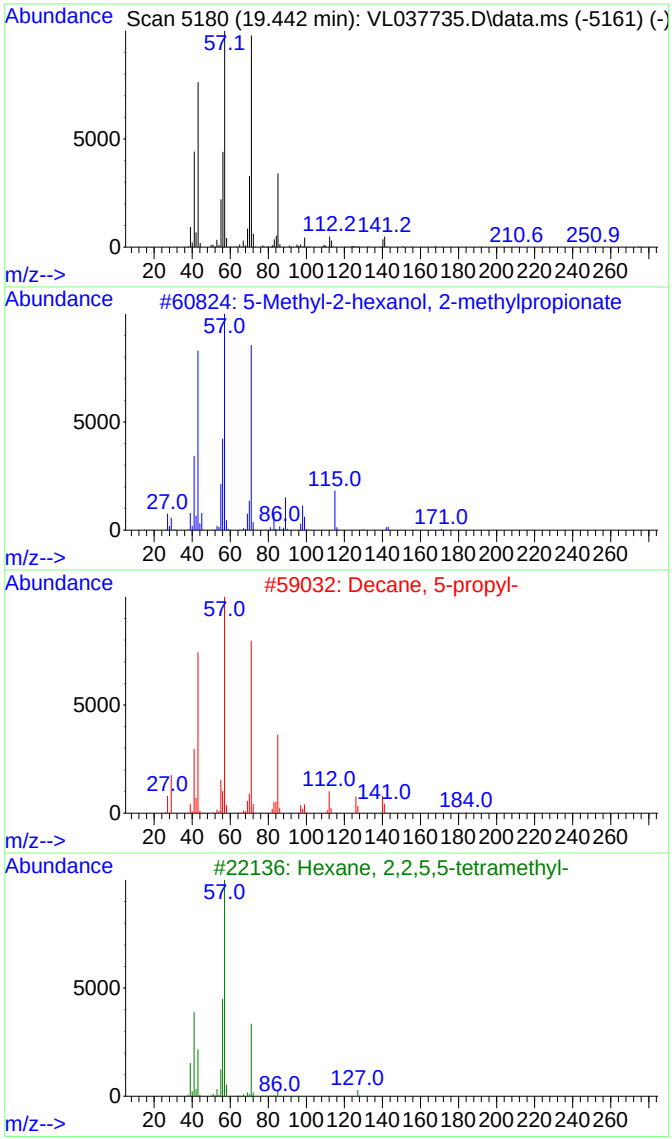
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

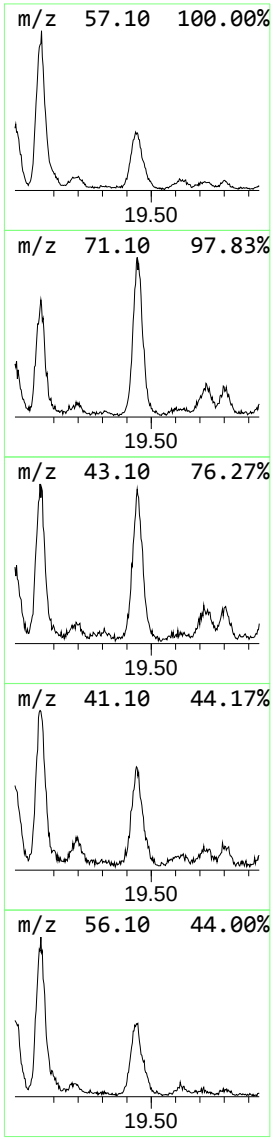
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5-Methyl-2-hexanol, 2-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	2.47 ppbv	2641010	Chlorobenzene-d5	12.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-hexanol, 2-methylprop...	186	C11H22O2	1000447-34-4	59
2	Decane, 5-propyl-	184	C13H28	017312-62-8	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Carbon dioxide	2.874	21.9	ppbv	10486000	1	5.661	4777880	10.0
Cyclohexane, 1,...	10.468	2.3	ppbv	2431400	3	12.073	10681000	10.0
Cyclohexane, 1,...	12.333	3.5	ppbv	3714220	3	12.073	10681000	10.0
Cyclohexane, 1-...	14.478	3.4	ppbv	3605550	3	12.073	10681000	10.0
Cyclohexaneethanol	14.863	2.5	ppbv	2662260	3	12.073	10681000	10.0
Dodecane, 2,2,1...	17.918	3.8	ppbv	4073210	3	12.073	10681000	10.0
Octane, 2,4,6-t...	18.342	8.3	ppbv	8868240	3	12.073	10681000	10.0
Hexane, 2,2,3-t...	18.889	4.9	ppbv	5216170	3	12.073	10681000	10.0
Heptane, 4-ethy...	19.050	3.1	ppbv	3293440	3	12.073	10681000	10.0
5-Methyl-2-hexa...	19.442	2.5	ppbv	2641010	3	12.073	10681000	10.0