LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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: VL037733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.877	16	28	60	rBV	3943376	8652341	83.76%	9.703%
2	3.022	63	73	89	rVB5	190049	364167	3.53%	0.408%
3	3.211	122	132	140	rBV3	93721	168118	1.63%	0.189%
4	3.314	155	164	173	rBV3	219871	346945	3.36%	0.389%
5	3.861	323	334	356	rBV2	500573	1328219	12.86%	1.490%
6	4.346	475	485	497	rBV2	306850	538101	5.21%	0.603%
7	5.668	881	896	920	rBV3	2113812	5044630	48.83%	5.657%
8	7.176	1344	1365	1396	rBV	3935923	9011371	87.23%	10.106%
9	7.484	1451	1461	1478	rVB7	123152	274501	2.66%	0.308%
10	7.867	1567	1580	1592	rVB7	79755	213402	2.07%	0.239%
11	8.816	1851	1875	1886	rBV5	345720	895151	8.67%	1.004%
12	8.864	1889	1890	1900	rVB7	103809	104130	1.01%	0.117%
13	9.346	2025	2040	2056	rBV5	131951	334147	3.23%	0.375%
14	9.561	2091	2107	2108	rBV4	134758	169571	1.64%	0.190%
15	9.571	2108	2110	2121	rVB4	133600	159620	1.55%	0.179%
16	10.050	2245	2259	2260	rBV4	247887	313801	3.04%	0.352%
17	10.057	2260	2261	2272	rVV3	237004	276695	2.68%	0.310%
18	10.288	2322	2333	2334	rBV4	119014	137147	1.33%	0.154%
19	10.481	2381	2393	2404	rVV3	493147	1223175	11.84%	1.372%
20	10.536	2404	2410	2426	rVB4	210117	460248	4.46%	0.516%
21	10.745	2462	2475	2476	rBV3	104500	159284	1.54%	0.179%
22	10.751	2476	2477	2495	rVB7	110323	143125	1.39%	0.161%
23	11.102	2569	2586	2604	rBV6	421051	1023119	9.90%	1.147%
24	11.217	2608	2622	2633	rVV6	108097	279592	2.71%	0.314%
25	11.307	2635	2650	2666	rVB6	185454	473488	4.58%	0.531%
26	11.504	2698	2711	2724	rBV6	53864	125819	1.22%	0.141%
27	11.696	2768	2771	2783	rVB6	224538	334768	3.24%	0.375%
28	11.819	2799	2809	2822	rBV6	97909	213920	2.07%	0.240%
29	12.008	2850	2868	2875	rBV4	253041	599633	5.80%	0.672%
30	12.082	2875	2891	2912	rVV	4058429	10330254	100.00%	11.585%
31	12.185	2912	2923	2936	rVV5	403343	1308893	12.67%	1.468%
32	12.230	2936	2937	2949	rVB5	171565	193749	1.88%	0.217%
33	12.343	2957	2972	2987	rVB3	720644	1777711	17.21%	1.994%
34	12.430	2987	2999	3012	rVB9	112902	254278	2.46%	0.285%
35	12.809	3101	3117	3128	rBV4	405809	965874	9.35%	1.083%
36	12.870	3128	3136	3138	rVV3	261931	341686	3.31%	0.383%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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	12.880	3138	3139	3154	rVB2	287510	276916	2.68%	0.311%
38	13.076	3189	3200	3217	rVB6	145411	354062	3.43%	0.397%
39	13.262	3246	3258	3260	rBV2	125012	192624	1.86%	0.216%
40	13.314	3265	3274	3295	rVB4	209057	554456	5.37%	0.622%
41	13.539	3329	3344	3346	rBV5	230622	377848	3.66%	0.424%
42	13.548	3346	3347	3369	rVB6	227266	411768	3.99%	0.462%
43	13.674	3381	3386	3399	rVB9	67777	138156	1.34%	0.155%
44	13.780	3399	3419	3431	rBV9	301389	940755	9.11%	1.055%
45	13.876	3441	3449	3463	rVB4	341748	739136	7.16%	0.829%
46	13.954	3465	3473	3474	rVV4	125836	120003	1.16%	0.135%
47	13.960	3474	3475	3483	rVB3	126268	113983	1.10%	0.128%
48	14.076	3499	3511	3526	rVB6	194688	484372	4.69%	0.543%
49	14.410	3596	3615	3631	rBV3	3967860	10222874	98.96%	11.465%
50	14.484	3631	3638	3658	rVB7	576827	1622307	15.70%	1.819%
51	14.587	3668	3670	3687	rVB7	163645	352335	3.41%	0.395%
52	14.738	3701	3717	3732	rVB5	156818	426890	4.13%	0.479%
53	14.876	3745	3760	3773	rBV4	443797	1060614	10.27%	1.189%
54	14.941	3773	3780	3788	rVB9	88840	167751	1.62%	0.188%
55	15.066	3818	3819	3832	rVV7	108719	130006	1.26%	0.146%
56	15.166	3835	3850	3859	rVV7	311320	859862	8.32%	0.964%
57	15.224	3859	3868	3887	rVV6	346729	973298	9.42%	1.092%
58	15.317	3890	3897	3898	rVV7	104665	119296	1.15%	0.134%
59	15.327	3898	3900	3910	rVV10	95709	153844	1.49%	0.173%
60	15.481	3935	3948	3965	rBV6	358342	1045340	10.12%	1.172%
61	15.847	4048	4062	4063	rBV8	171213	232482	2.25%	0.261%
62	15.857	4063	4065	4085	rVB8	176927	308672	2.99%	0.346%
63	16.082	4121	4135	4136	rBV6	351647	589321	5.70%	0.661%
64	16.121	4138	4147	4169	rVB3	518145	1395062	13.50%	1.565%
65	16.513	4254	4269	4270	rBV9	177461	234200	2.27%	0.263%
66	16.519	4270	4271	4284	rVB9	142870	166869	1.62%	0.187%
67	16.764	4338	4347	4358	rVB9	70621	166851	1.62%	0.187%
68	16.973	4394	4412	4427	rBV	554116	1628453	15.76%	1.826%
69	17.043	4429	4434	4448	rVV9	132824	345116	3.34%	0.387%
70	17.127	4452	4460	4472	rVB7	73858	159911	1.55%	0.179%
71	17.269	4493	4504	4507	rBV9	77728	130663	1.26%	0.147%
72	17.683	4613	4633	4648	rBV4	163427	441484	4.27%	0.495%
73	17.928	4690	4709	4729	rBV2	690438	1840608	17.82%	2.064%
74	18.172	4766	4785	4802	rBV3	274914	775588	7.51%	0.870%
75	18.352	4822	4841	4862	rBV4	1418298	4098420	39.67%	4.596%
76	18.423	4862	4863	4878	rVB4	146092	218888	2.12%	0.245%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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	18.703	4937	4950	4951	rBV6	93345	127491	1.23%	0.143%
78	18.712	4951	4953	4964	rVV9	94892	130812	1.27%	0.147%
79	18.799	4967	4980	4981	rVV6	129752	164696	1.59%	0.185%
80	18.815	4984	4985	4993	rVV4	124285	139379	1.35%	0.156%
81	18.902	4996	5012	5027	rVV2	802597	2311810	22.38%	2.593%
82	18.953	5027	5028	5042	rVB8	251339	354009	3.43%	0.397%
83	19.053	5045	5059	5074	rBV2	535188	1351183	13.08%	1.515%
84	19.198	5092	5104	5106	rBV6	85533	113412	1.10%	0.127%
85	19.455	5165	5184	5208	rVB5	384276	1202599	11.64%	1.349%
86	21.500	5804	5820	5824	rBV4	62321	160615	1.55%	0.180%

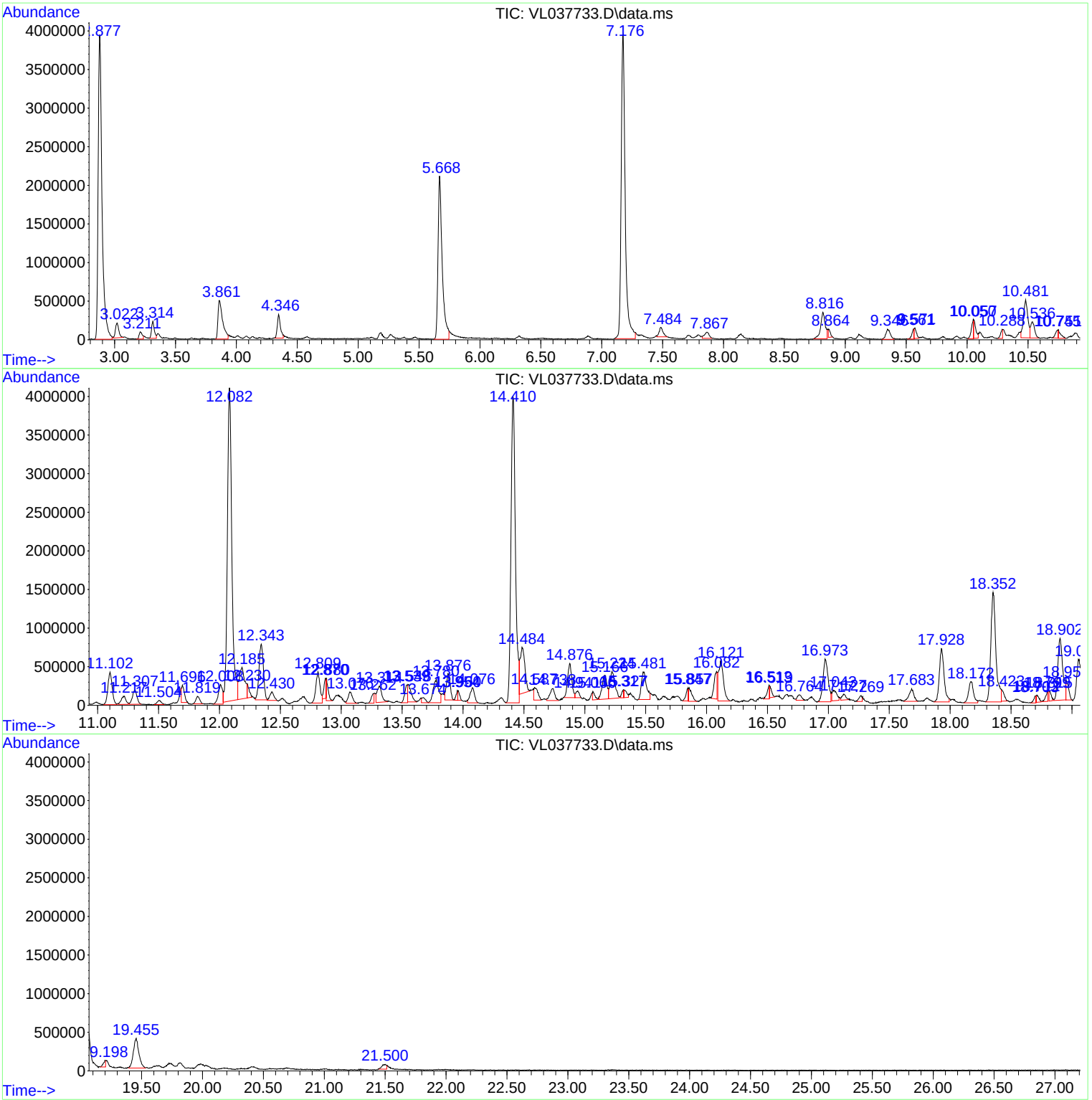
Sum of corrected areas: 89167763

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2

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\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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

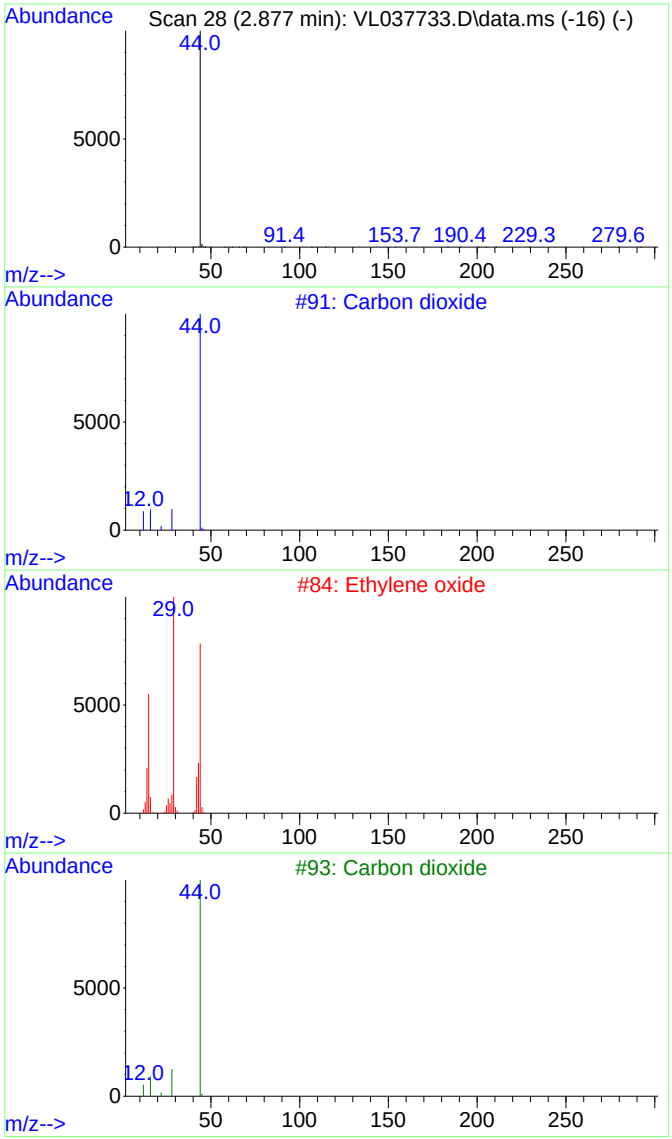
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

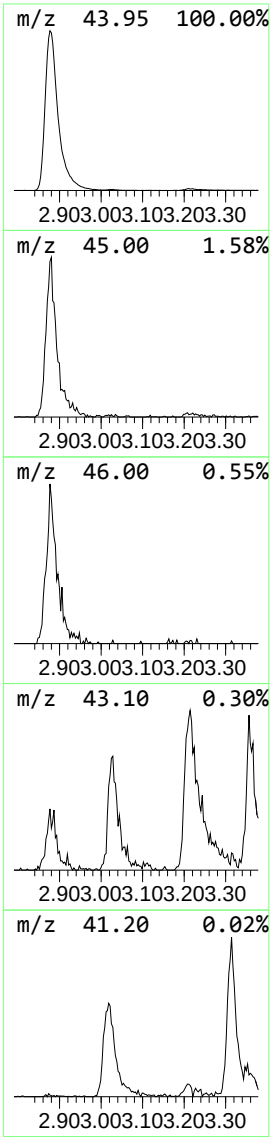
****

Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.877	17.15 ppbv	8652340	Bromochloromethane	5.668

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

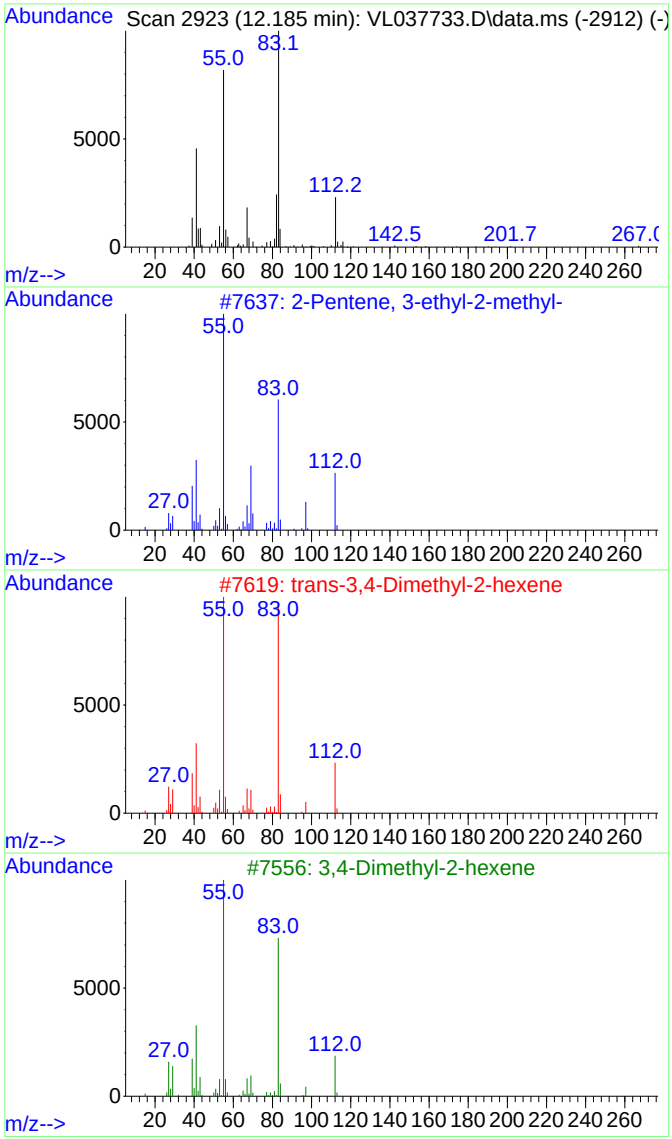
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

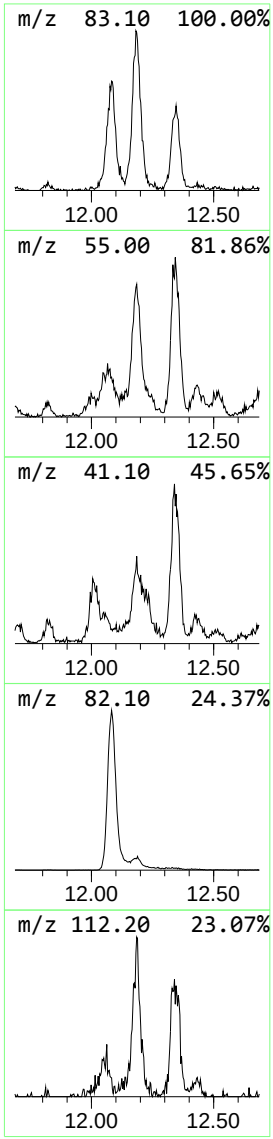
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentene, 3-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.185	1.27 ppbv	1308890	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	80
2	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	80
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	80
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

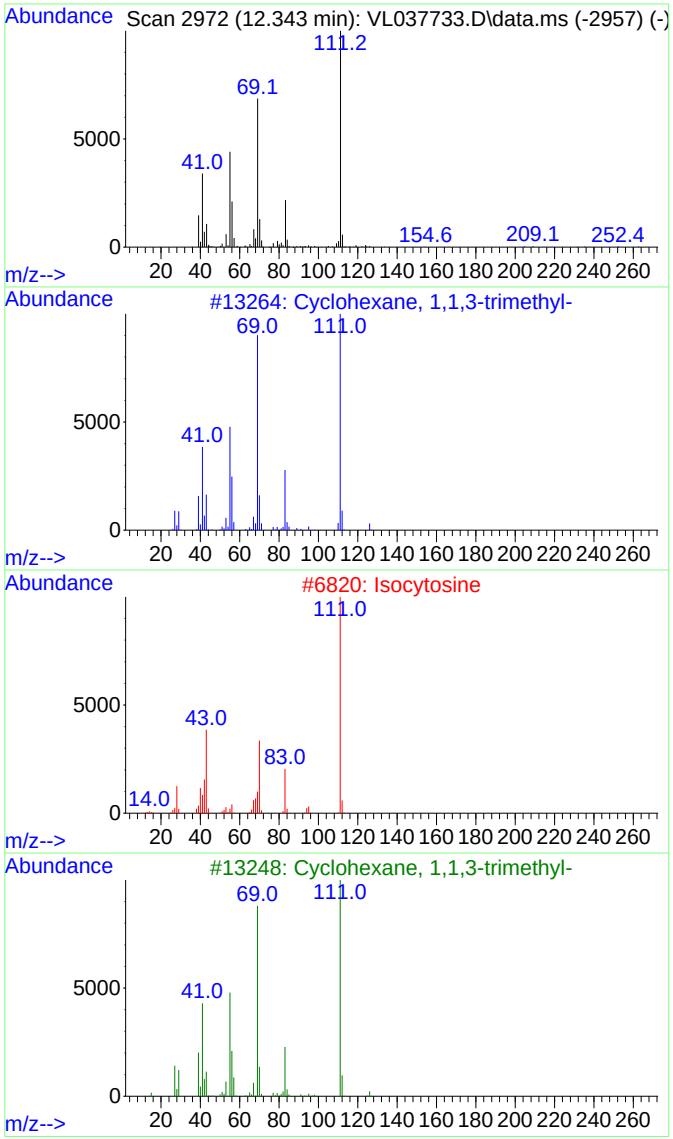
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

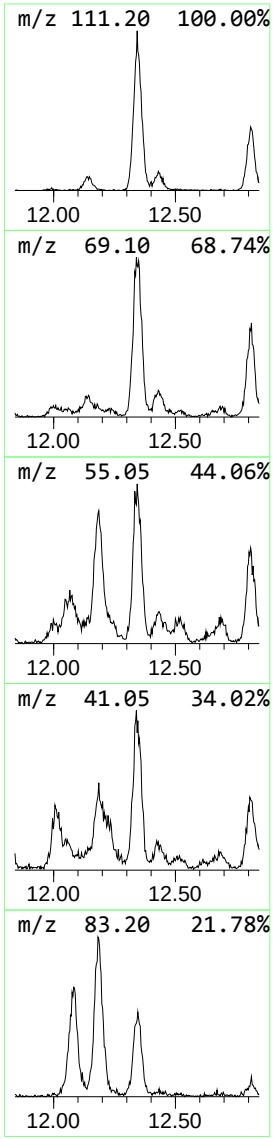
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.343	1.72 ppbv	1777710	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2	Isocytosine	111	C4H5N3O	000108-53-2	64
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	59
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

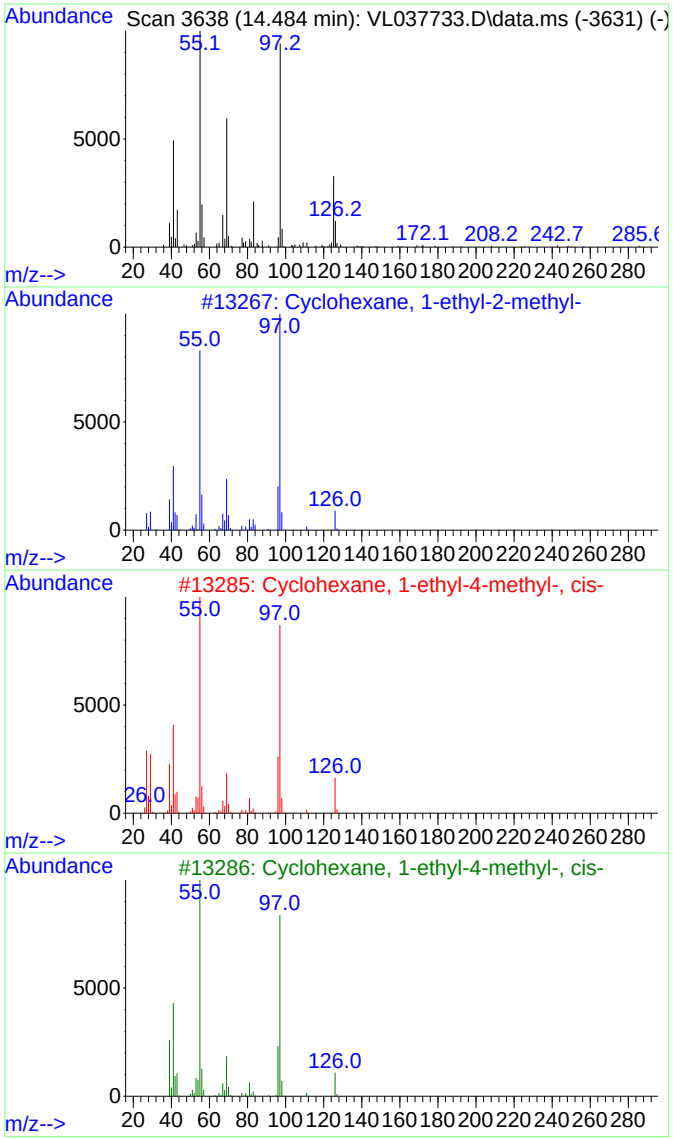
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

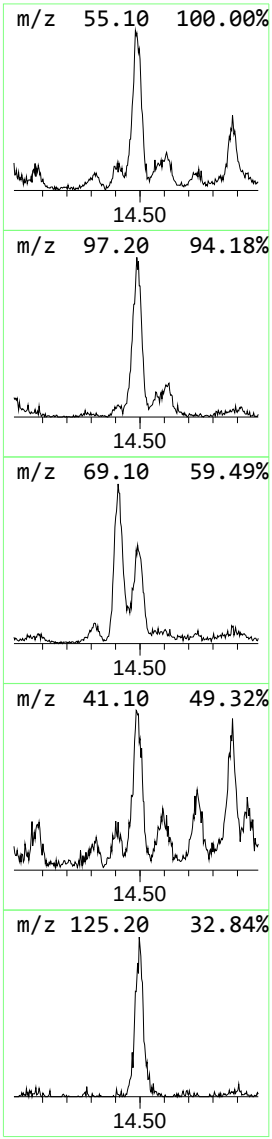
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.484	1.57 ppbv	1622310	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
4	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

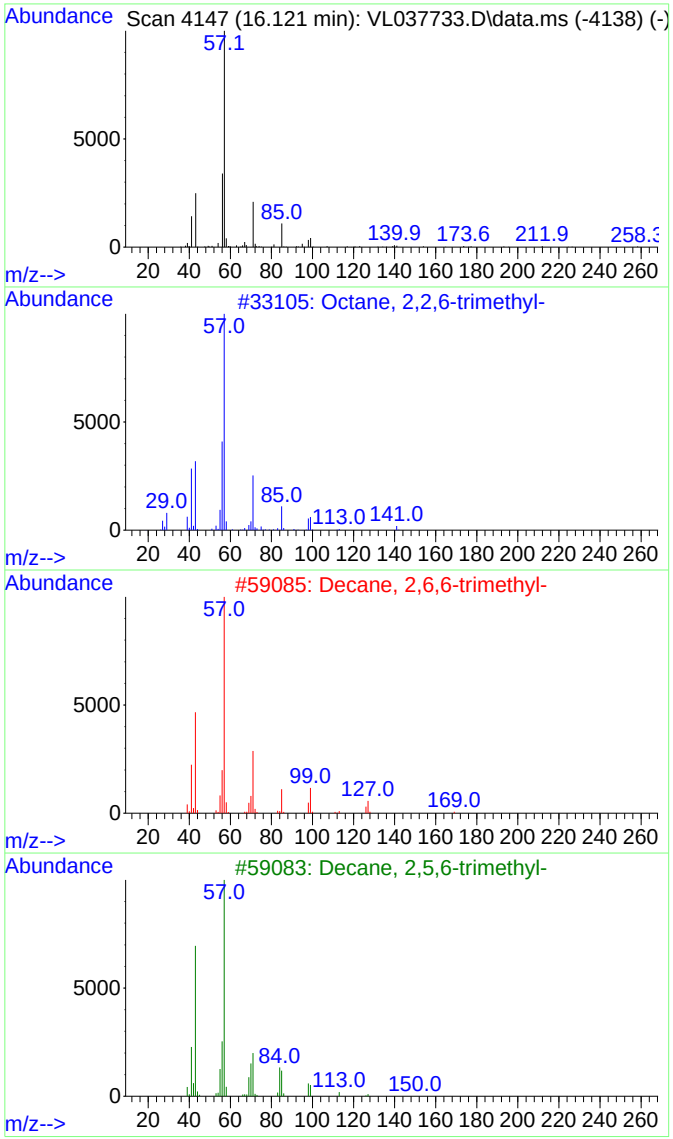
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

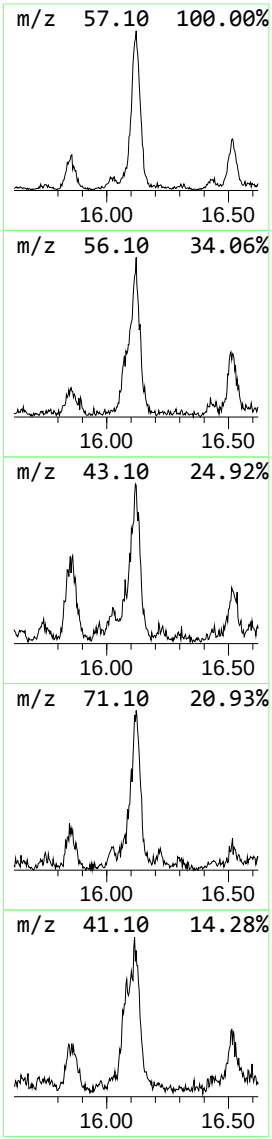
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 2,2,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	1.35 ppbv	1395060	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	40
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	39
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	36
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

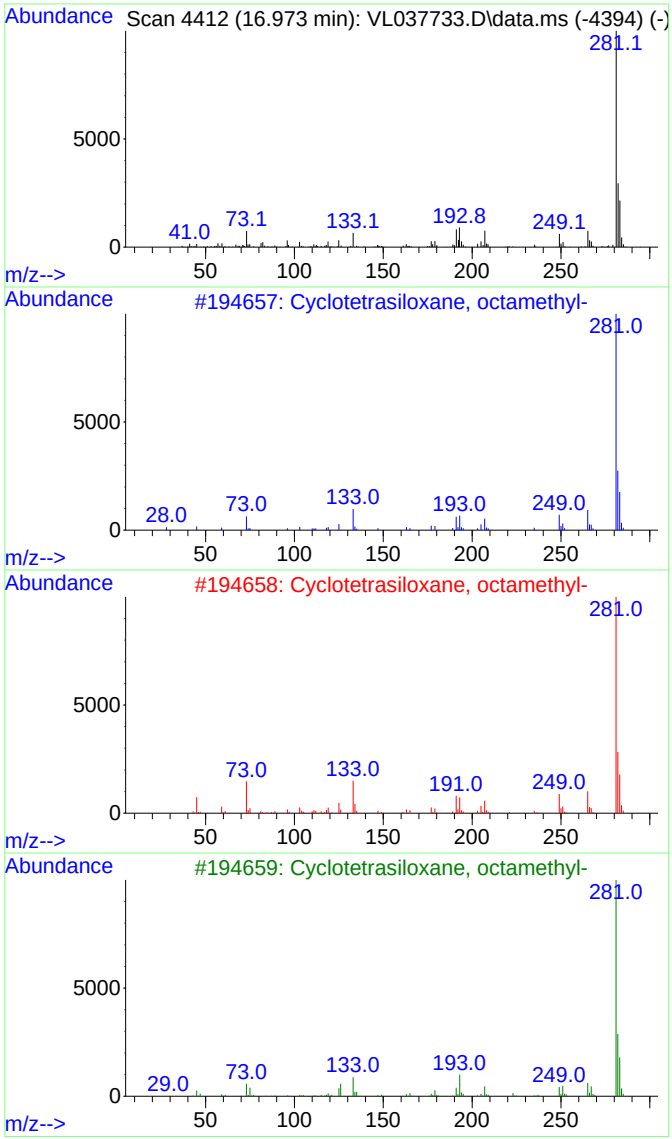
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

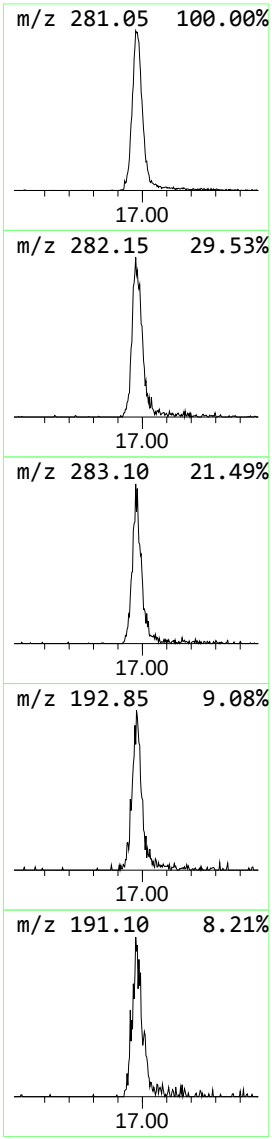
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclotetrasiloxane, octamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.973	1.58 ppbv	1628450	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	72
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	59
5	2-(4-Chlorophenyl)-5,7-dimethyli...	281	C16H12ClN3	1010305-50-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

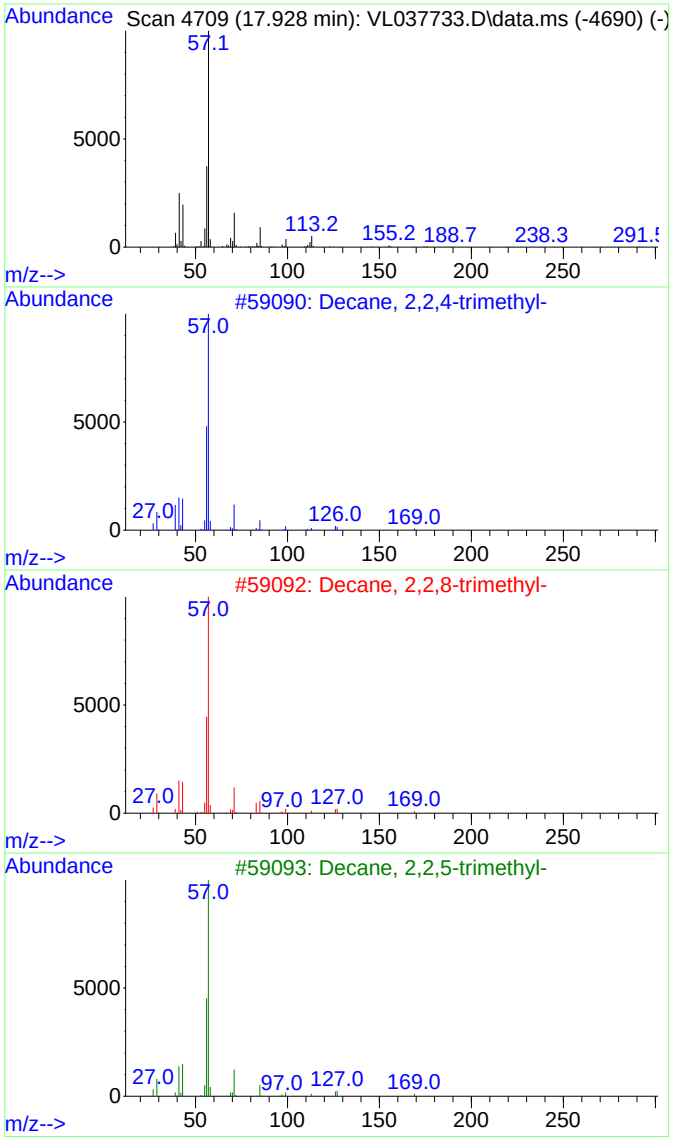
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021

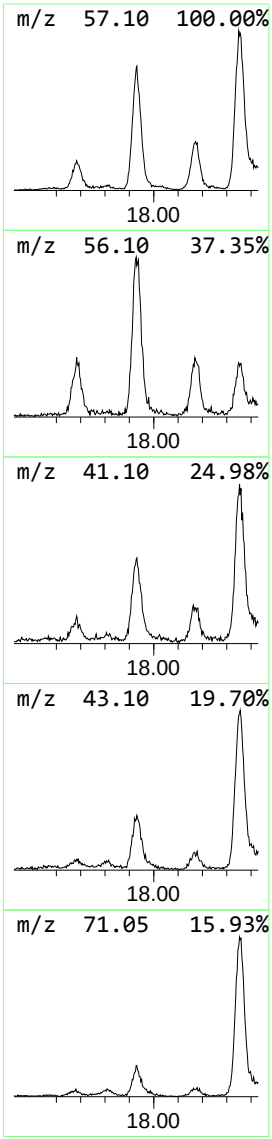
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	1.78 ppbv	1840610	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72
2	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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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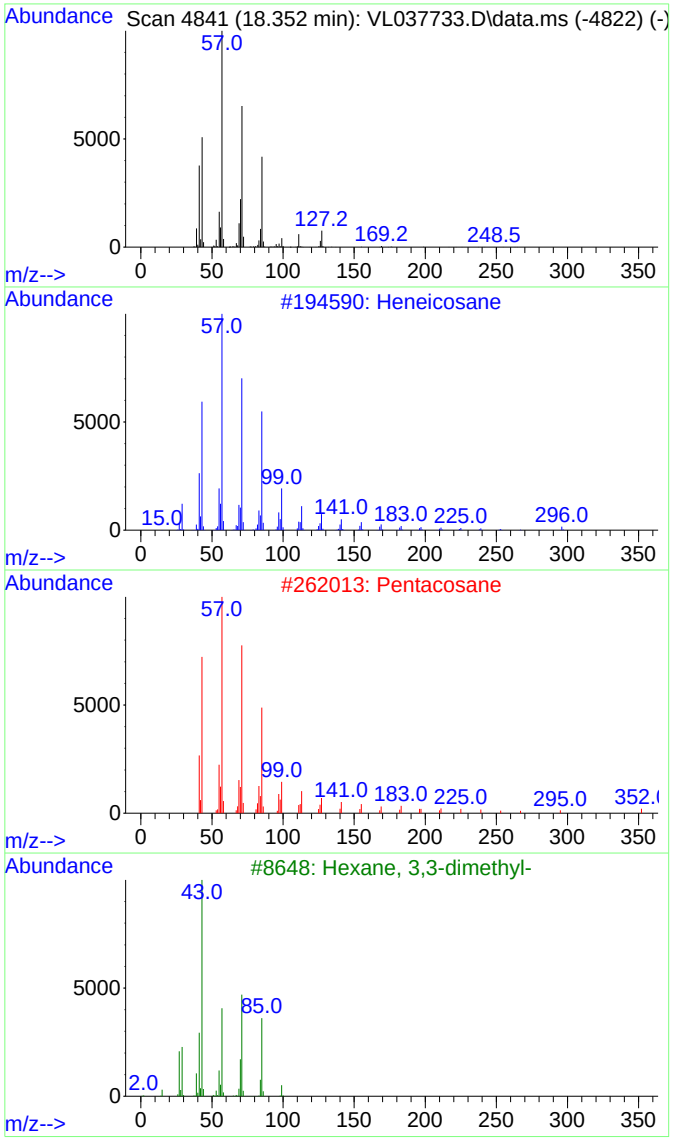
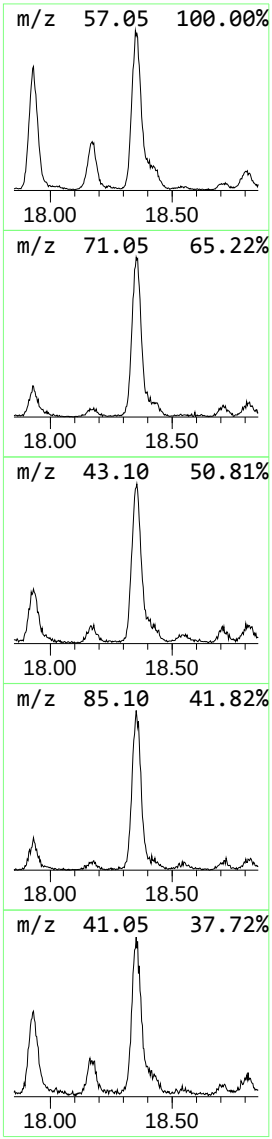
Peak Number 8 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.352	3.97 ppbv	4098420	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Pentacosane	352	C25H52	000629-99-2	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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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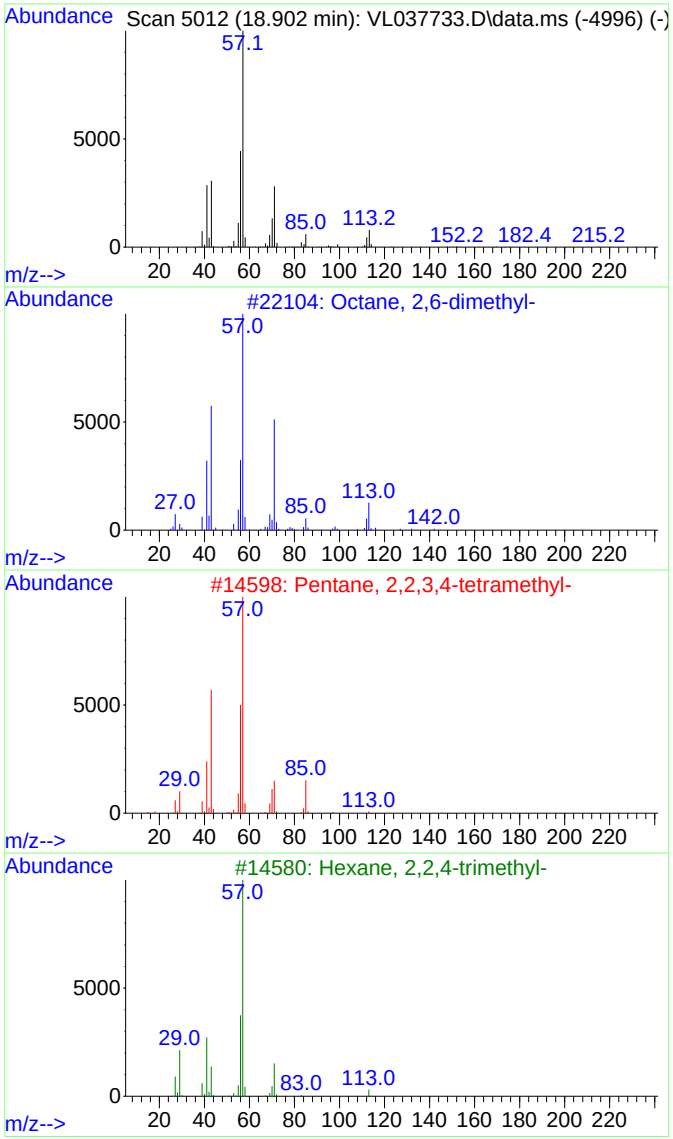
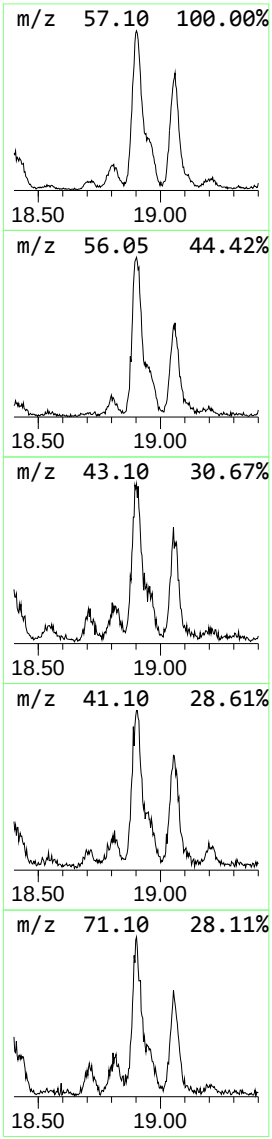
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.902	2.24 ppbv	2311810	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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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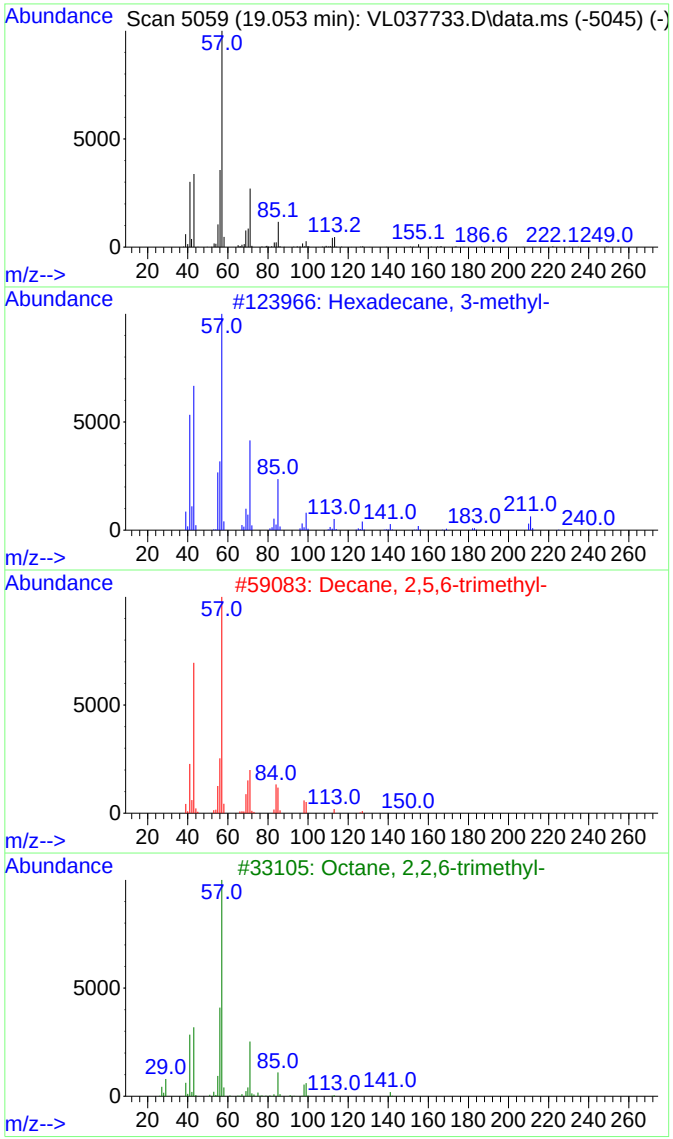
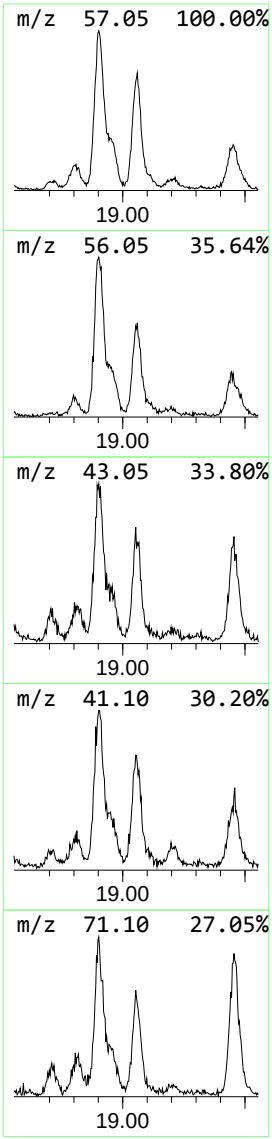
Peak Number 10 Hexadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.053	1.31 ppbv	1351180	Chlorobenzene-d5	12.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037733.D
Acq On : 29 Sep 2021 16:42
Operator : SY/AP
Sample : M3948-04DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2

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	2.877	17.2	ppbv	8652340	1	5.668	5044630	10.0
2-Pentene, 3-et...	12.185	1.3	ppbv	1308890	3	12.086	10330300	10.0
Cyclohexane, 1,...	12.343	1.7	ppbv	1777710	3	12.086	10330300	10.0
Cyclohexane, 1-...	14.484	1.6	ppbv	1622310	3	12.086	10330300	10.0
Octane, 2,2,6-t...	16.121	1.4	ppbv	1395060	3	12.086	10330300	10.0
Cyclotetrasilox...	16.973	1.6	ppbv	1628450	3	12.086	10330300	10.0
Decane, 2,2,4-t...	17.928	1.8	ppbv	1840610	3	12.086	10330300	10.0
Heneicosane	18.352	4.0	ppbv	4098420	3	12.086	10330300	10.0
Octane, 2,6-dim...	18.902	2.2	ppbv	2311810	3	12.086	10330300	10.0
Hexadecane, 3-m...	19.053	1.3	ppbv	1351180	3	12.086	10330300	10.0