

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036665.D
 Acq On : 3 Apr 2021 4:00
 Operator : SY/AP
 Sample : M1834-04 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 3 Min Area: 3 % of largest Peak
 Start Thrs: 0.001 Max Peaks: 100
 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\VL032521AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.186	111	124	146	rBV	25194999	61999663	15.31%	0.805%
2	3.282	146	154	160	rVV	17737208	28384779	7.01%	0.368%
3	3.317	160	165	169	rVV3	64265153	77462923	19.13%	1.005%
4	3.333	169	170	208	rVV	57921106	199200460	49.20%	2.586%
5	3.465	208	211	270	rVB2	10209782	28222217	6.97%	0.366%
6	3.710	270	287	318	rBV	9258154	23506411	5.81%	0.305%
7	3.845	318	329	330	rVV	77494852	61182430	15.11%	0.794%
8	3.857	330	333	337	rVV2	79156129	105593946	26.08%	1.371%
9	3.877	337	339	389	rVV3	79445807	380646089	94.02%	4.941%
10	4.124	389	416	417	rVV2	79253318	241666477	59.69%	3.137%
11	4.140	420	421	435	rVV3	78220748	167194109	41.30%	2.170%
12	4.218	435	445	463	rVV	55003603	207119330	51.16%	2.688%
13	4.317	463	476	482	rVV2	34045646	96266153	23.78%	1.249%
14	4.378	482	495	548	rVV3	80998794	342274237	84.54%	4.443%
15	4.613	548	568	634	rVB	49464834	181330200	44.79%	2.354%
16	4.886	634	653	666	rBV2	19627478	61835681	15.27%	0.803%
17	4.944	666	671	693	rVV4	13925352	37908381	9.36%	0.492%
18	5.092	693	717	726	rVV8	72901272	285761767	70.58%	3.709%
19	5.169	726	741	796	rVV3	90097511	404847928	100.00%	5.255%
20	5.423	796	820	831	rVV	61307076	231700246	57.23%	3.007%
21	5.488	831	840	883	rVV2	37944276	117042410	28.91%	1.519%
22	5.748	883	921	934	rVV4	61129715	284394472	70.25%	3.691%
23	5.819	934	943	948	rVV	30883309	75536135	18.66%	0.980%
24	5.864	948	957	971	rVV	46059766	133897197	33.07%	1.738%
25	5.951	971	984	996	rVV5	42247280	123706591	30.56%	1.606%
26	6.018	996	1005	1028	rVV3	25600099	67543210	16.68%	0.877%
27	6.150	1028	1046	1067	rVV2	39997382	128839622	31.82%	1.672%
28	6.266	1067	1082	1094	rVV2	13592008	43541069	10.75%	0.565%
29	6.375	1094	1116	1124	rVV2	69929248	278128308	68.70%	3.610%
30	6.404	1124	1125	1159	rVV2	63879047	127449007	31.48%	1.654%
31	6.555	1159	1172	1201	rVB	13877103	36466924	9.01%	0.473%
32	6.764	1216	1237	1251	rVV4	3521642	12858656	3.18%	0.167%
33	6.870	1251	1270	1277	rVV2	33734653	100693910	24.87%	1.307%
34	6.922	1277	1286	1305	rVV2	42374043	125547284	31.01%	1.630%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036665.D
 Acq On : 3 Apr 2021 4:00
 Operator : SY/AP
 Sample : M1834-04 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 3
 Start Thrs: 0.001
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

35	7.018	1305	1316	1327	rVV2	11527371	34503613	8.52%	0.448%
36	7.082	1327	1336	1346	rVV3	8670809	23164608	5.72%	0.301%
37	7.166	1346	1362	1380	rVV2	38657315	133171983	32.89%	1.729%
38	7.311	1380	1407	1419	rVV4	44403436	222911772	55.06%	2.893%
39	7.391	1419	1432	1453	rVV	54761571	197442601	48.77%	2.563%
40	7.545	1453	1480	1526	rVB3	51809681	232736968	57.49%	3.021%
41	7.758	1526	1546	1557	rBV3	24583747	81696334	20.18%	1.060%
42	7.832	1557	1569	1579	rVV4	24814012	88179079	21.78%	1.145%
43	8.041	1630	1634	1644	rVV	8883446	14506931	3.58%	0.188%
44	8.105	1644	1654	1662	rVV	6322985	13795534	3.41%	0.179%
45	8.185	1662	1679	1688	rVV	49054653	144550432	35.70%	1.876%
46	8.237	1688	1695	1720	rVV5	29212290	76987792	19.02%	0.999%
47	8.356	1720	1732	1742	rVV2	4809141	10161985	2.51%	0.132%
48	8.430	1742	1755	1769	rVV2	9616164	23087973	5.70%	0.300%
49	8.516	1769	1782	1813	rVB2	11054402	37792652	9.34%	0.491%
50	8.854	1857	1887	1926	rVB3	36036132	154930909	38.27%	2.011%
51	9.095	1926	1962	1972	rBV	32212326	118536284	29.28%	1.539%
52	9.166	1972	1984	2037	rVB5	42109600	178757304	44.15%	2.320%
53	9.388	2037	2053	2071	rBV3	9086725	25983484	6.42%	0.337%
54	9.603	2094	2120	2121	rBV4	3754357	8976070	2.22%	0.117%
55	9.700	2121	2150	2175	rVV3	50127980	224758722	55.52%	2.917%
56	9.864	2175	2201	2215	rVV4	69468460	265967295	65.70%	3.452%
57	9.954	2215	2229	2242	rVV	27086455	76947713	19.01%	0.999%
58	10.002	2242	2244	2256	rVV2	4174100	6690684	1.65%	0.087%
59	10.086	2256	2270	2280	rVV	18701663	47921458	11.84%	0.622%
60	10.140	2280	2287	2302	rVV6	11362695	25336145	6.26%	0.329%
61	10.233	2302	2316	2328	rVV2	7420559	17772183	4.39%	0.231%
62	10.320	2328	2343	2355	rVV	17077405	46709069	11.54%	0.606%
63	10.365	2355	2357	2386	rVB4	5735861	11349355	2.80%	0.147%
64	10.510	2386	2402	2413	rBV3	7627100	19268410	4.76%	0.250%
65	10.558	2413	2417	2429	rVB3	2842600	5097854	1.26%	0.066%
66	10.655	2429	2447	2471	rVB2	24901340	74691643	18.45%	0.969%
67	10.799	2471	2492	2503	rBV3	3715272	10350767	2.56%	0.134%
68	10.864	2503	2512	2519	rVV4	2114385	4613835	1.14%	0.060%
69	10.915	2519	2528	2536	rVV4	2750028	6329154	1.56%	0.082%
70	11.095	2568	2584	2602	rVB3	10538663	27865969	6.88%	0.362%
71	11.320	2634	2654	2662	rBV4	3854696	10051274	2.48%	0.130%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036665.D
 Acq On : 3 Apr 2021 4:00
 Operator : SY/AP
 Sample : M1834-04 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 3 Min Area: 3 % of largest Peak
 Start Thrs: 0.001 Max Peaks: 100
 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\VL032521AIR.M
 Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

72	11.362	2662	2667	2677	rVV2	2680838	5479191	1.35%	0.071%
73	11.639	2734	2753	2767	rBV2	4680072	11869790	2.93%	0.154%
74	11.828	2789	2812	2830	rBV6	2286790	6179436	1.53%	0.080%
75	12.018	2855	2871	2879	rBV2	1847984	4585826	1.13%	0.060%
76	12.089	2879	2893	2913	rVV2	5343400	14951951	3.69%	0.194%
77	12.230	2913	2937	2961	rVV4	2823080	12529970	3.09%	0.163%
78	12.712	3070	3087	3105	rVV2	8363742	20619545	5.09%	0.268%
79	12.963	3149	3165	3189	rVV	8104667	26739675	6.60%	0.347%
80	13.085	3189	3203	3220	rVB5	1592075	4954195	1.22%	0.064%
81	14.407	3594	3614	3651	rBV3	5145340	13162058	3.25%	0.171%

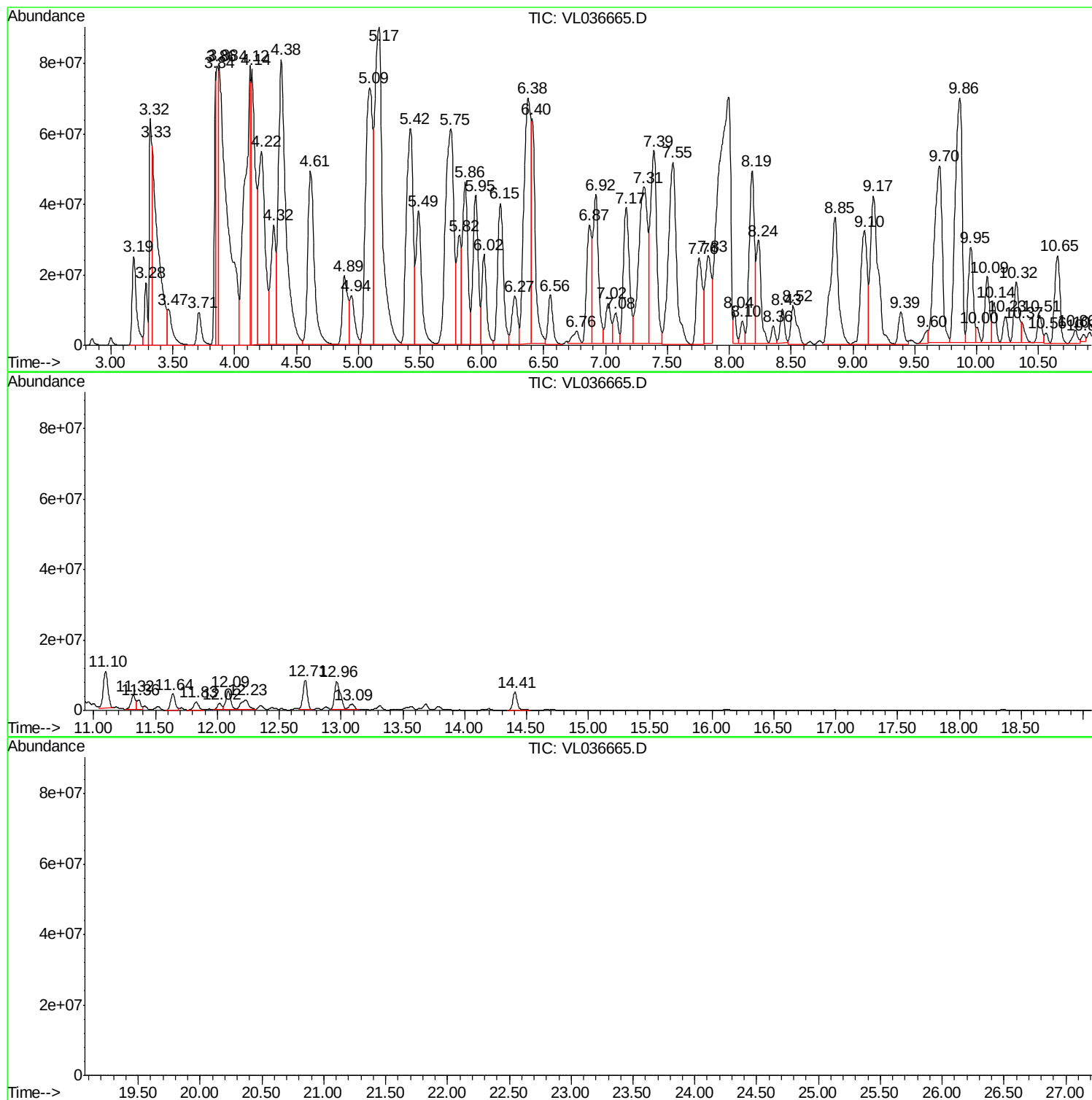
Sum of corrected areas: 7704415697

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampled :
SV4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4

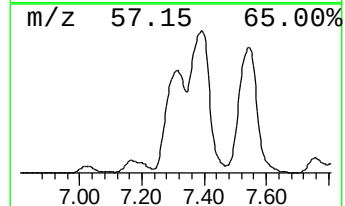
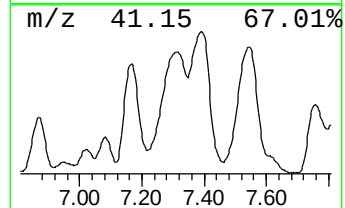
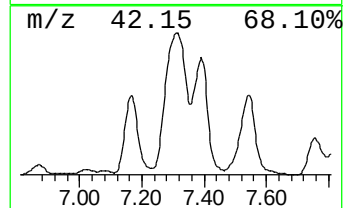
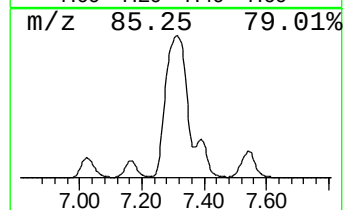
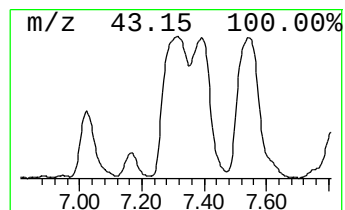
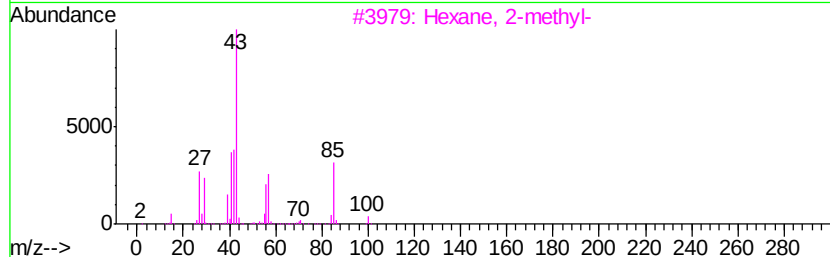
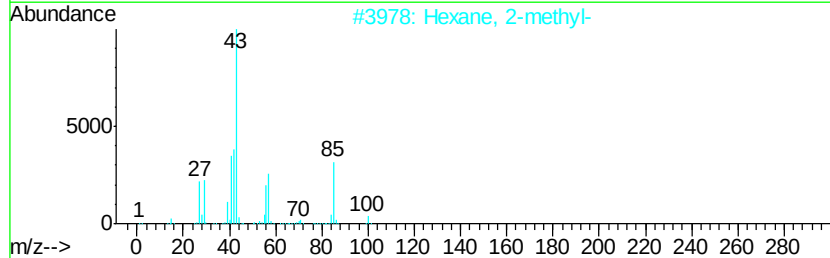
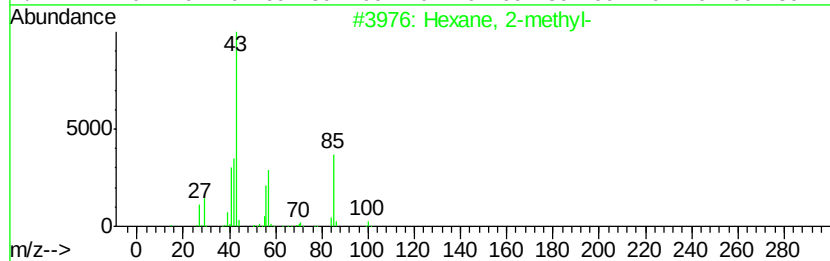
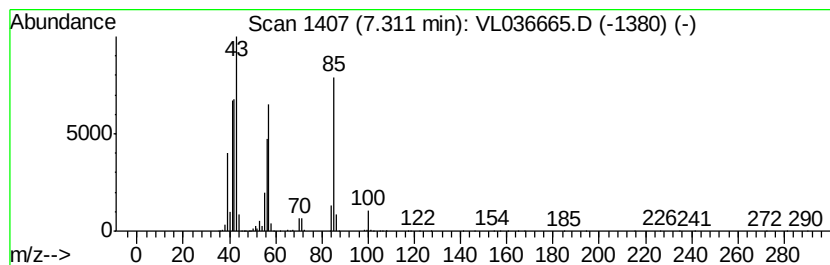
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	16.74 ppbv	222912000	1,4-Difluorobenzene	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	53
3		Hexane, 2-methyl-	100	C7H16	000591-76-4	49
4		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	47
5		Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4

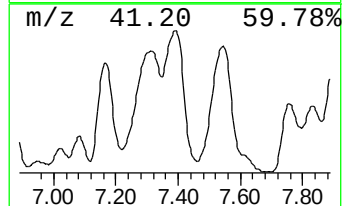
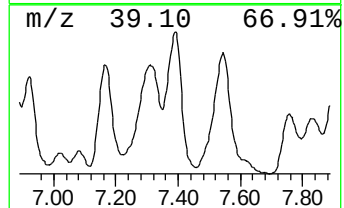
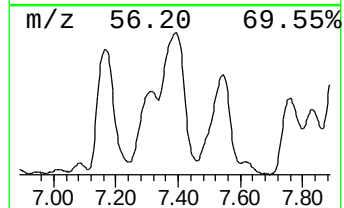
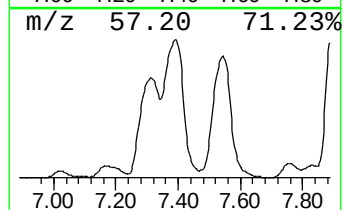
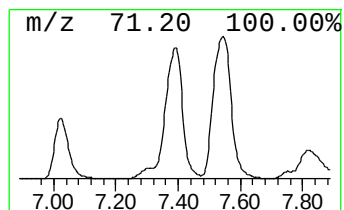
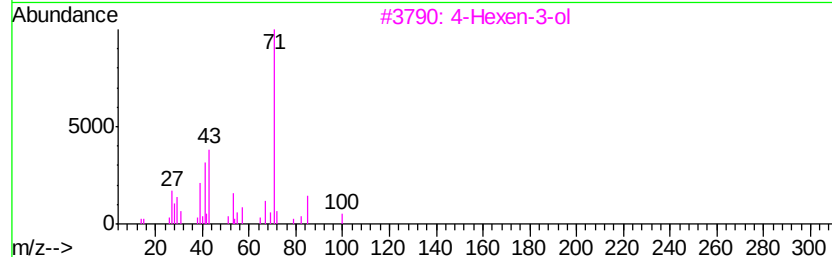
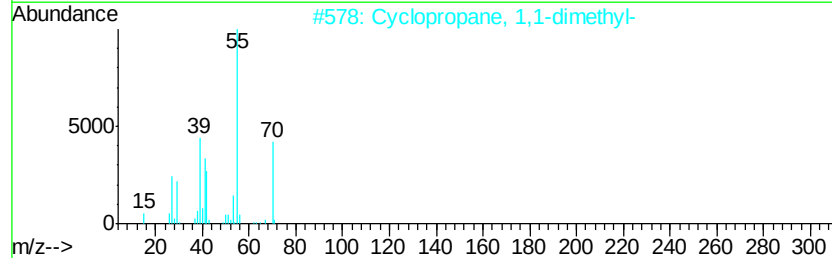
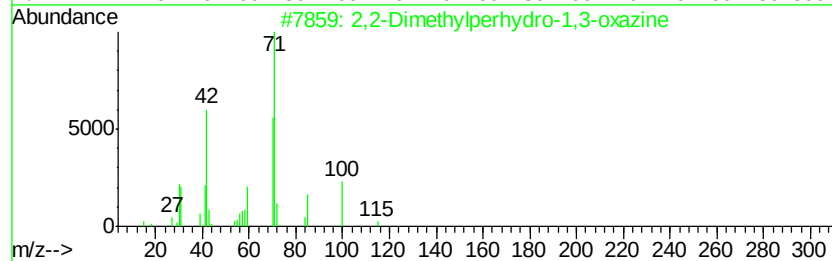
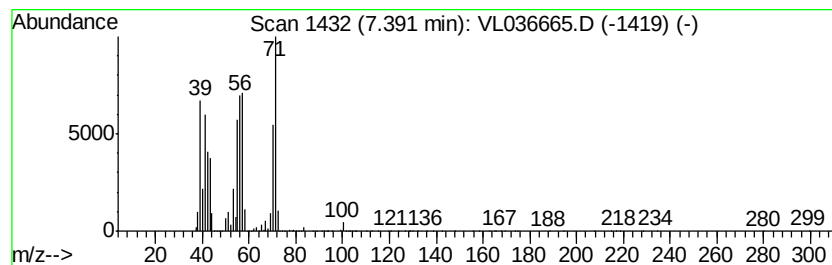
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,2-Dimethylperhydro-1,3-ox... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	14.83 ppbv	197443000	1,4-Difluorobenzene	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	50
2		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	38
3		4-Hexen-3-ol	100	C6H12O	004798-58-7	35
4		2-Pentene, (E)-	70	C5H10	000646-04-8	35
5		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

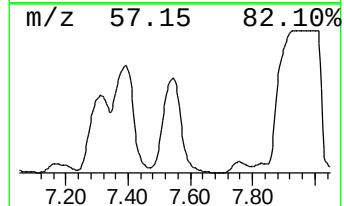
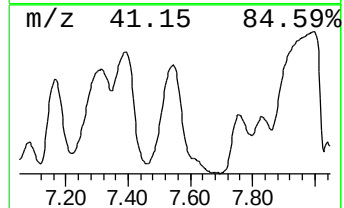
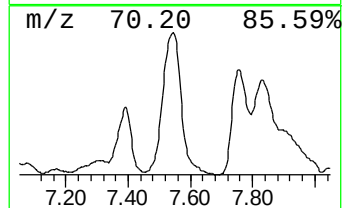
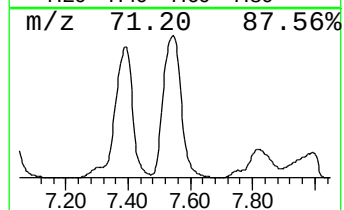
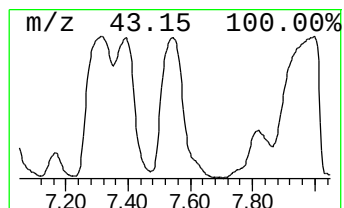
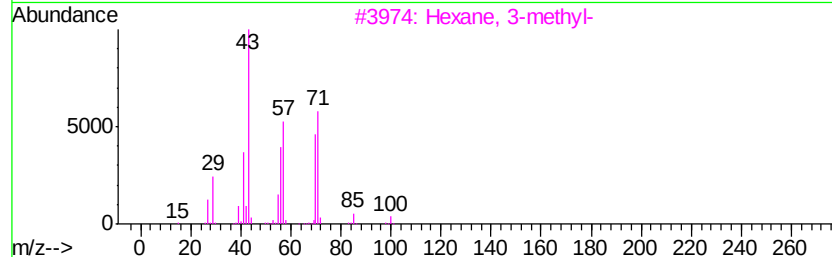
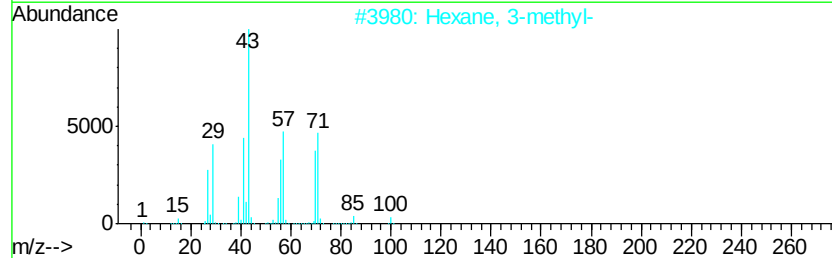
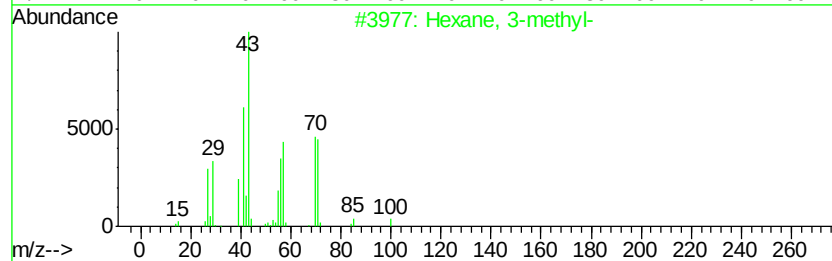
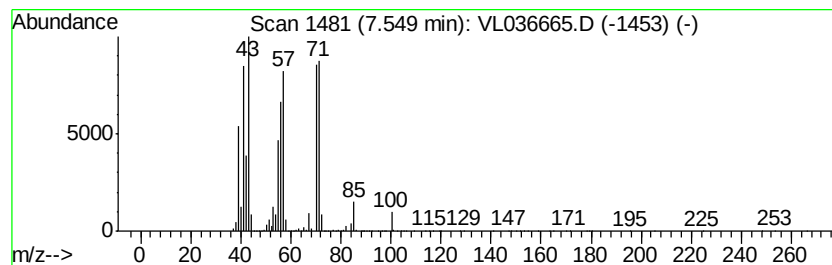
Instrument :
MSVOA_L
ClientSampled :
SV4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	17.48 ppbv	232737000	1,4-Difluorobenzene	7.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 3-methyl-	100 C7H16	000589-34-4	87
2	Hexane, 3-methyl-	100 C7H16	000589-34-4	72
3	Hexane, 3-methyl-	100 C7H16	000589-34-4	64
4	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	50
5	Aziridine, 2,2-dimethyl-	71 C4H9N	002658-24-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4

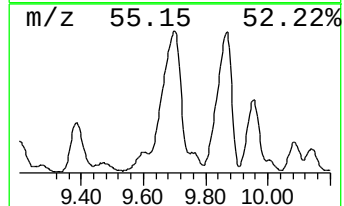
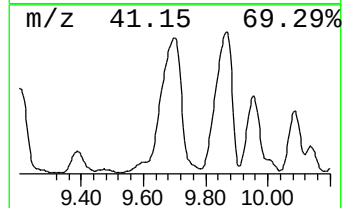
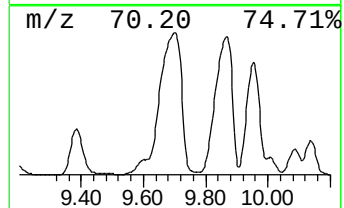
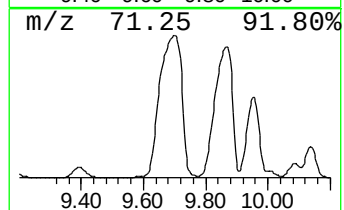
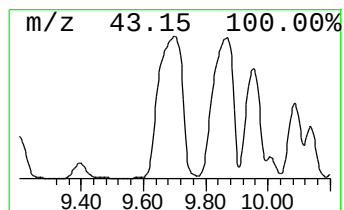
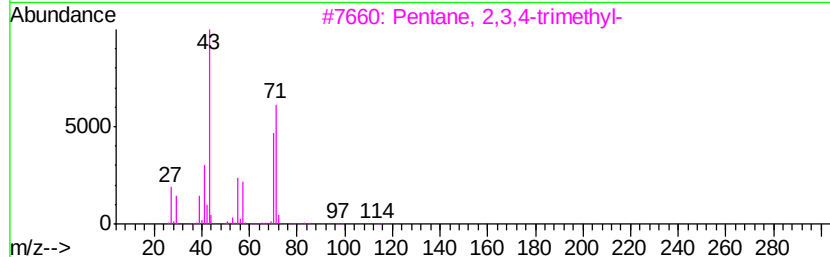
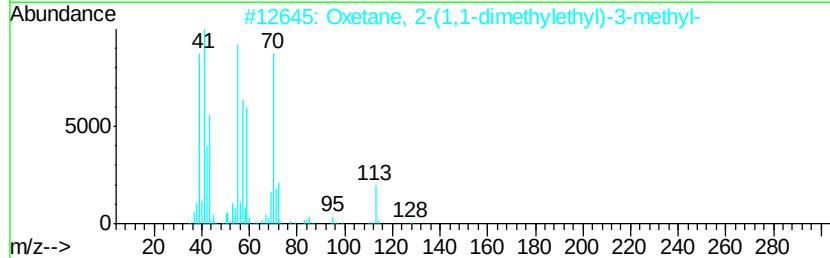
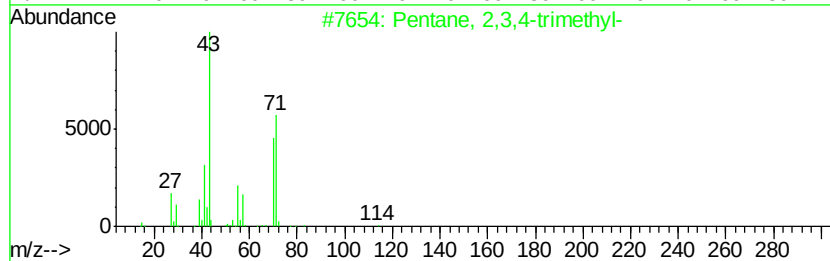
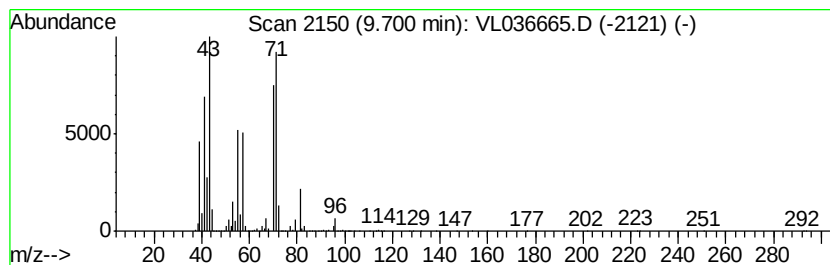
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	150.32 ppbv	224759000	Chlorobenzene-d5	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
2		Oxetane, 2-(1,1-dimethylethyl)-3...	128	C8H16O	007045-82-1	50
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	45
4		2-Pentene	70	C5H10	000109-68-2	43
5		1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampled :
SV4

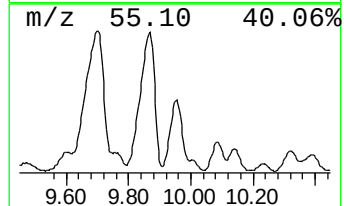
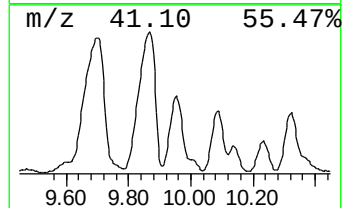
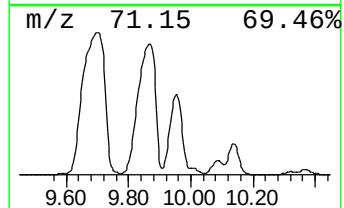
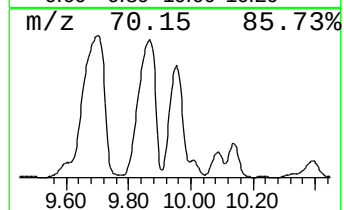
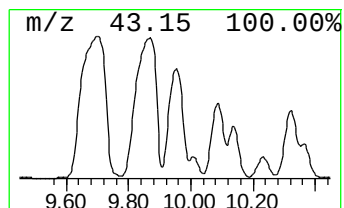
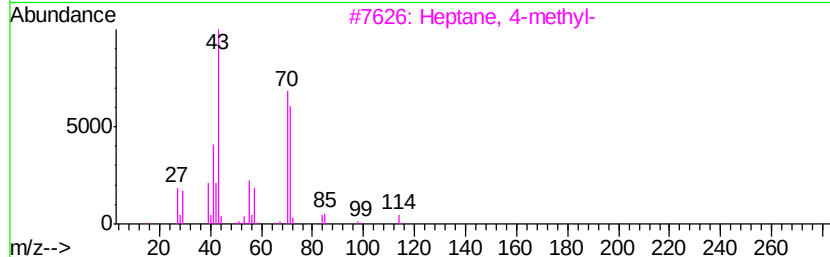
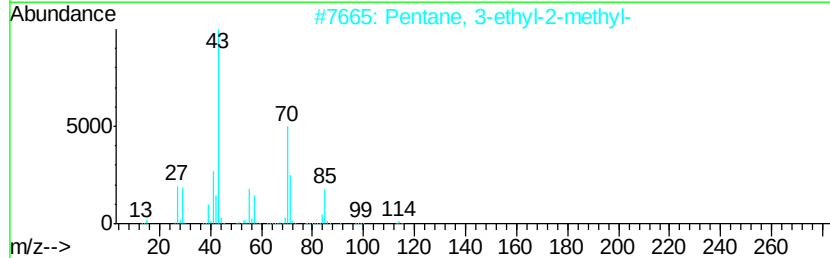
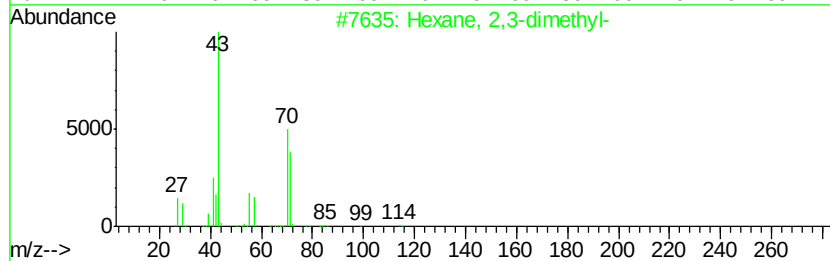
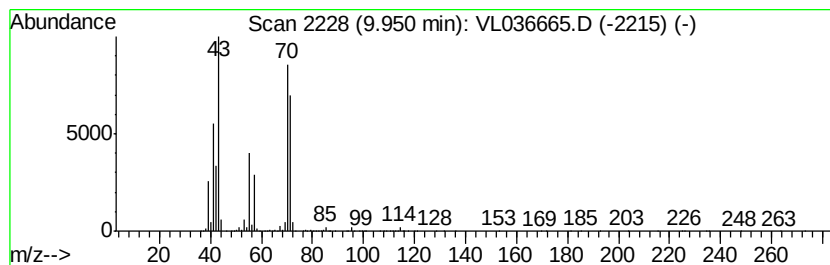
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexane, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	51.46 ppbv	76947700	Chlorobenzene-d5	12.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-		114	C8H18	000584-94-1	80
2	Pentane, 3-ethyl-2-methyl-		114	C8H18	000609-26-7	80
3	Heptane, 4-methyl-		114	C8H18	000589-53-7	78
4	Pyrrolidine		71	C4H9N	000123-75-1	72
5	Hexane, 2,3-dimethyl-		114	C8H18	000584-94-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

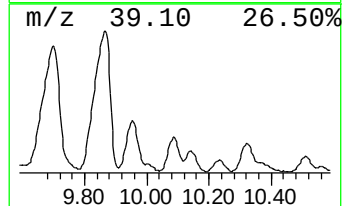
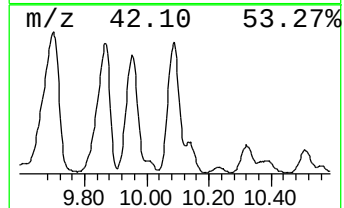
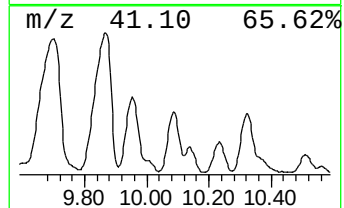
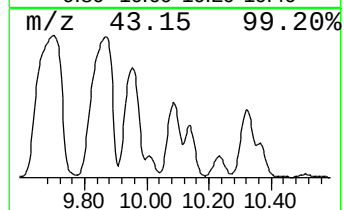
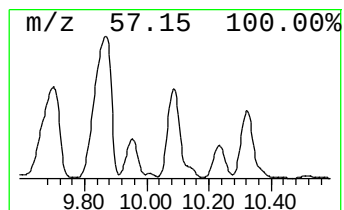
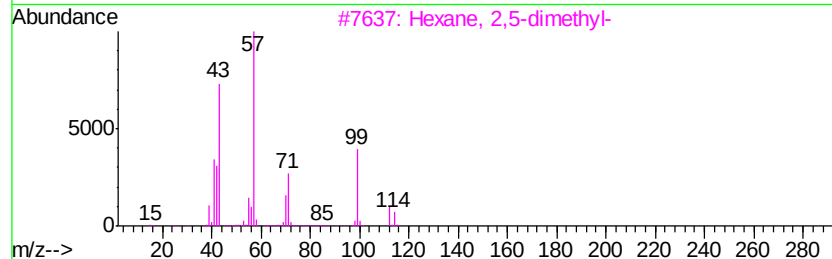
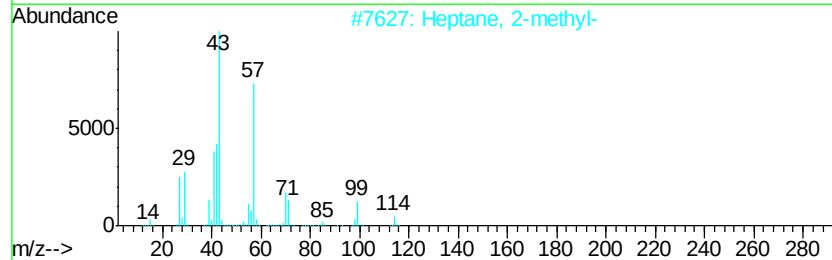
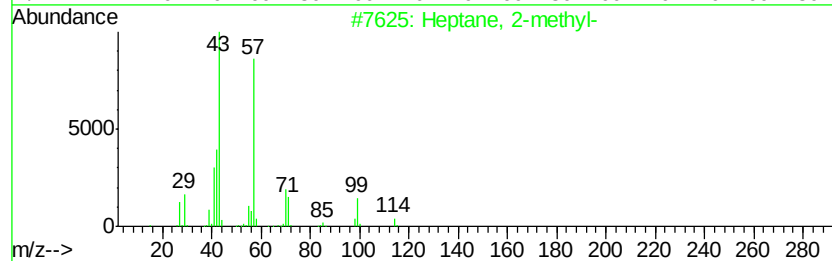
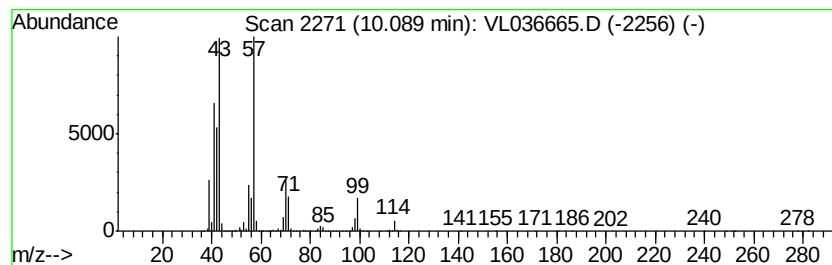
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	32.05 ppbv	47921500	Chlorobenzene-d5	12.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 2-methyl-	114 C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114 C8H18	000592-27-8	83
3	Hexane, 2,5-dimethyl-	114 C8H18	000592-13-2	78
4	Heptane, 2-methyl-	114 C8H18	000592-27-8	78
5	Hexane, 2,5-dimethyl-	114 C8H18	000592-13-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4

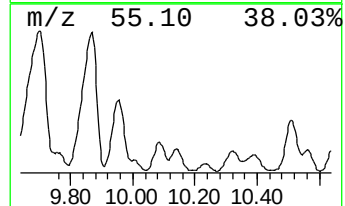
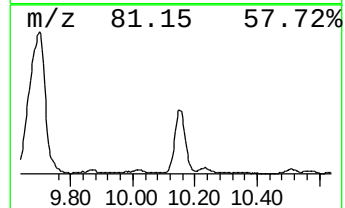
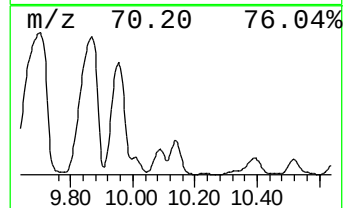
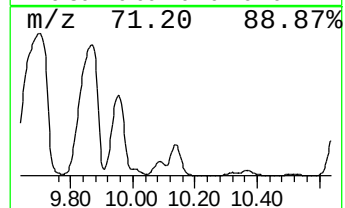
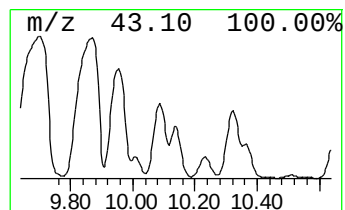
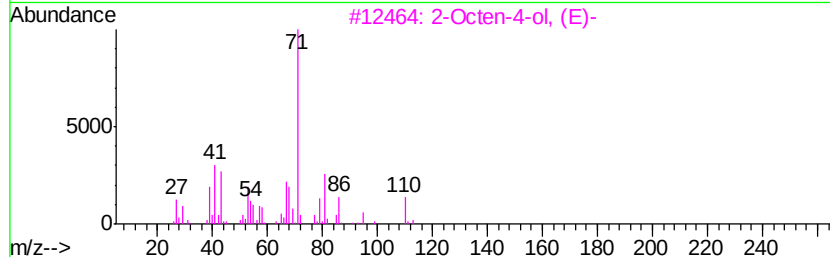
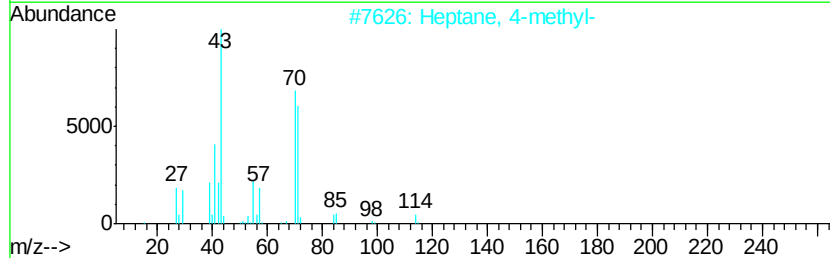
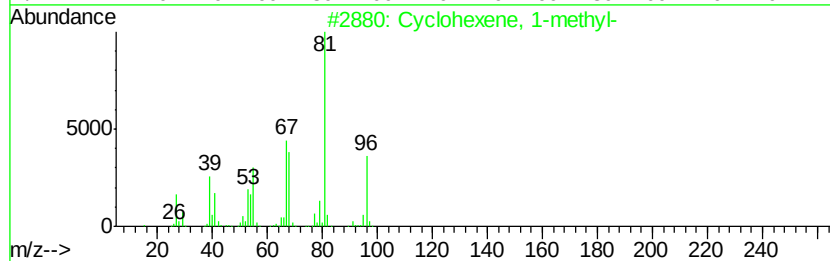
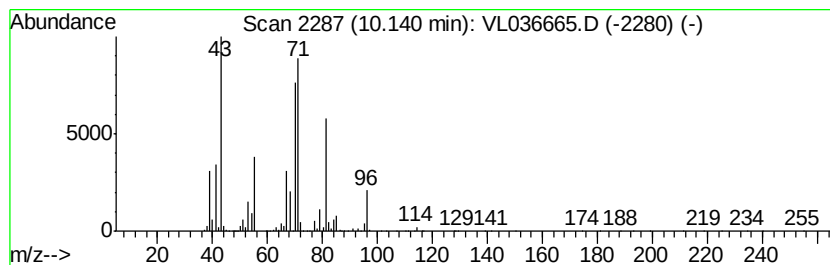
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	16.95 ppbv	25336100	Chlorobenzene-d5	12.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	40
3		2-Octen-4-ol, (E)-	128	C8H16O	020125-81-9	38
4		3-Hepten-2-ol, (Z)-	114	C7H14O	067077-40-1	37
5		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

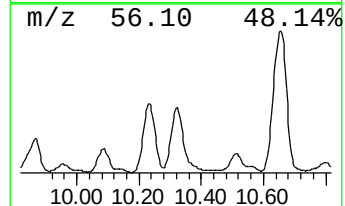
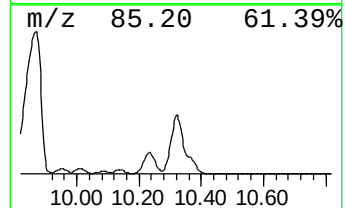
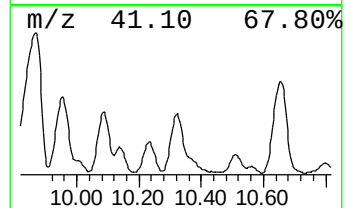
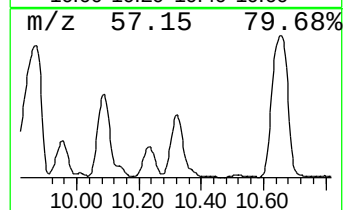
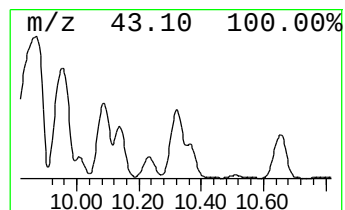
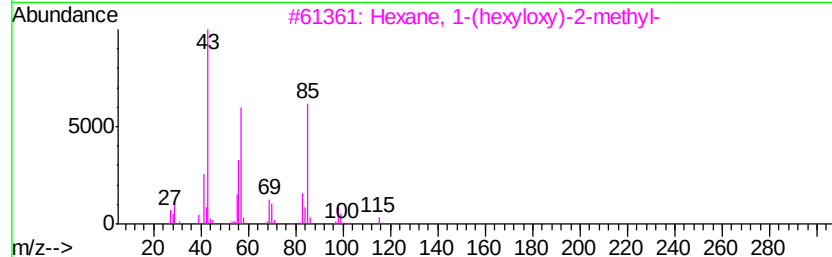
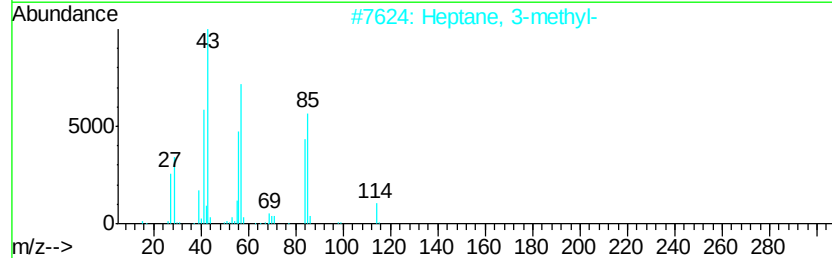
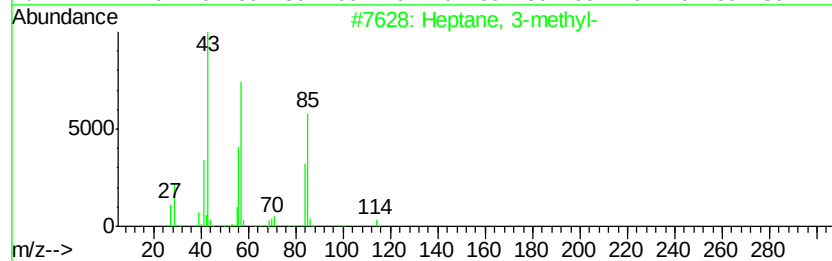
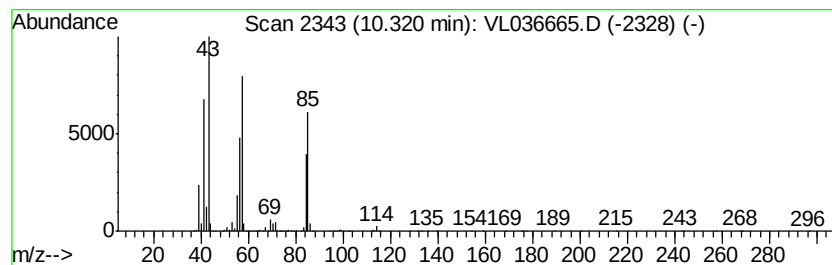
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	31.24 ppbv	46709100	Chlorobenzene-d5	12.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 3-methyl-	114 C8H18	000589-81-1	83
2	Heptane, 3-methyl-	114 C8H18	000589-81-1	83
3	Hexane, 1-(hexyloxy)-2-methyl-	200 C13H28O	074421-17-3	59
4	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	58
5	Hexane, 3-ethyl-2-methyl-	128 C9H20	016789-46-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

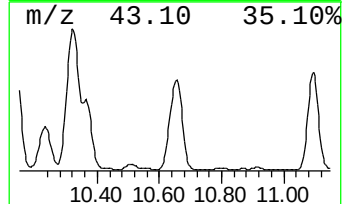
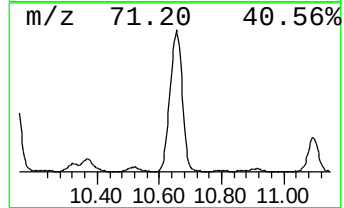
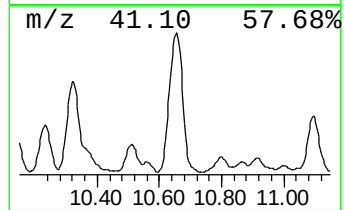
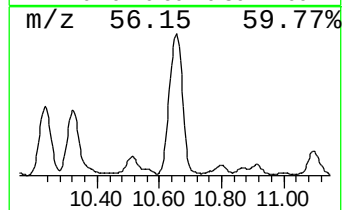
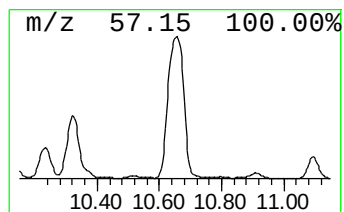
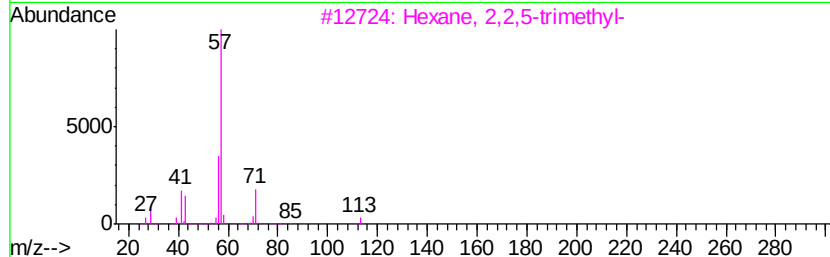
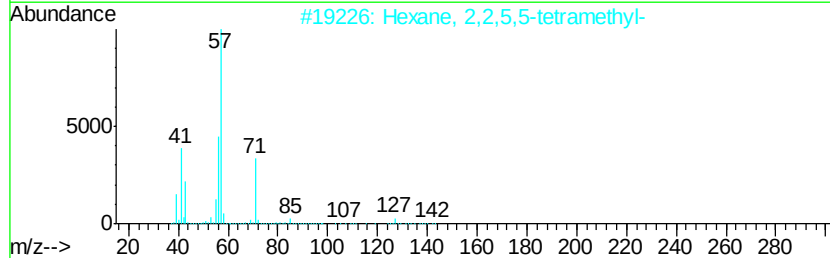
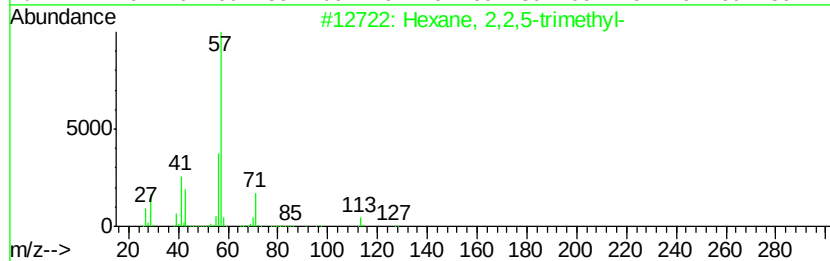
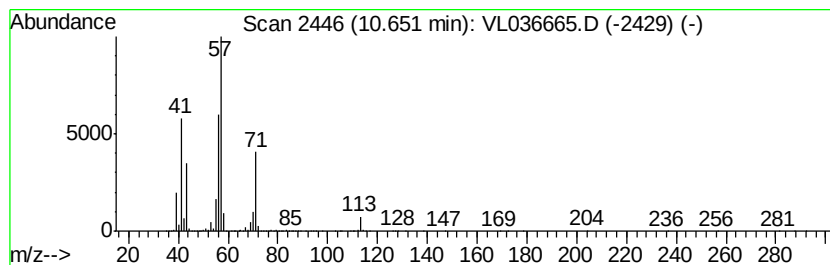
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexane, 2,2,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	49.95 ppbv	74691600	Chlorobenzene-d5	12.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,2,5-trimethyl-	128 C9H20	003522-94-9	64
2	Hexane, 2,2,5,5-tetramethyl-	142 C10H22	001071-81-4	64
3	Hexane, 2,2,5-trimethyl-	128 C9H20	003522-94-9	59
4	Heptane, 2,2-dimethyl-	128 C9H20	001071-26-7	53
5	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

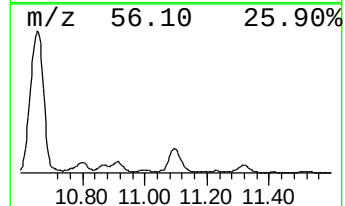
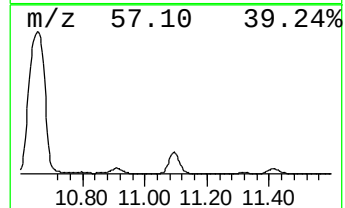
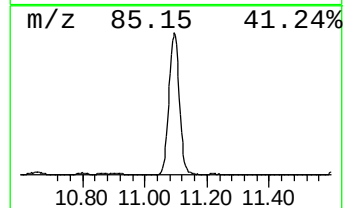
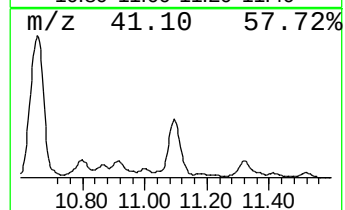
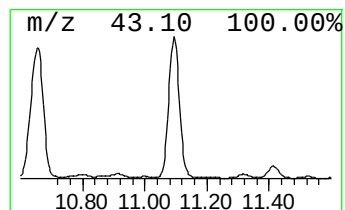
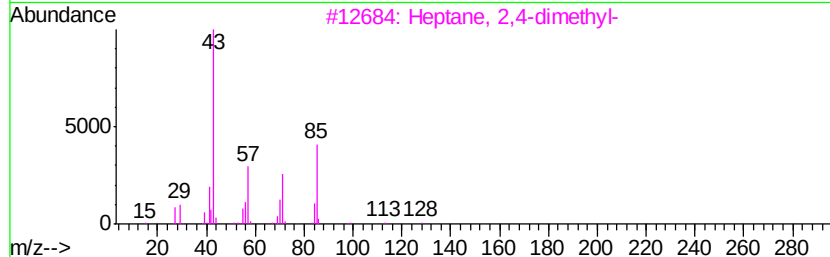
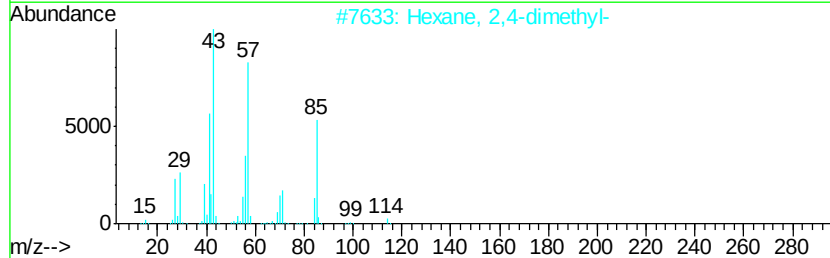
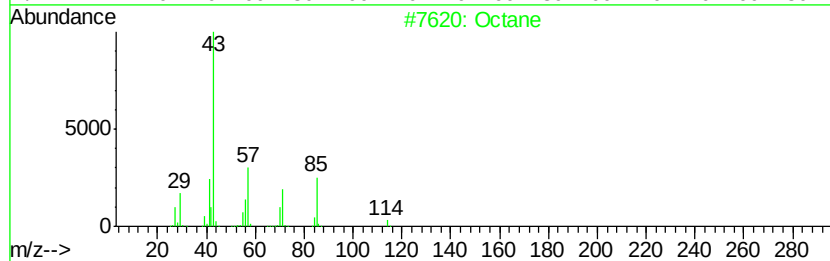
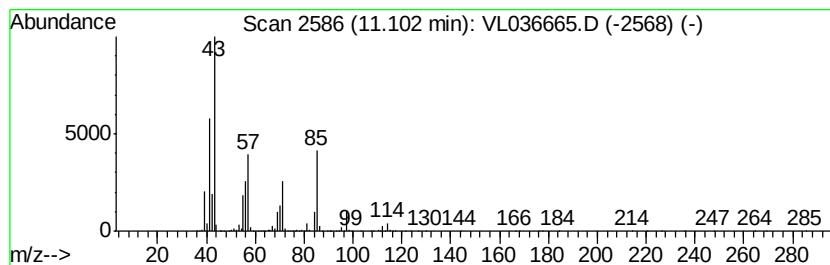
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	18.64 ppbv	27866000	Chlorobenzene-d5	12.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane		114 C8H18	000111-65-9 76
2	Hexane, 2,4-dimethyl-		114 C8H18	000589-43-5 74
3	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64
4	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64
5	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040221\
Data File : VL036665.D
Acq On : 3 Apr 2021 4:00
Operator : SY/AP
Sample : M1834-04 1200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexane, 2-methyl-	7.31	16.7	ppbv	222912000	2	7.19	133172000	10.0
2,2-Dimethylperhy...	7.39	14.8	ppbv	197443000	2	7.19	133172000	10.0
Hexane, 3-methyl-	7.55	17.5	ppbv	232737000	2	7.19	133172000	10.0
Pentane, 2,3,4-tr...	9.70	150.3	ppbv	224759000	3	12.09	14952000	10.0
Hexane, 2,3-dimet...	9.95	51.5	ppbv	76947700	3	12.09	14952000	10.0
Heptane, 2-methyl-	10.09	32.0	ppbv	47921500	3	12.09	14952000	10.0
Heptane, 4-methyl-	10.14	16.9	ppbv	25336100	3	12.09	14952000	10.0
Heptane, 3-methyl-	10.32	31.2	ppbv	46709100	3	12.09	14952000	10.0
Hexane, 2,2,5-tri...	10.65	50.0	ppbv	74691600	3	12.09	14952000	10.0
Octane	11.10	18.6	ppbv	27866000	3	12.09	14952000	10.0