LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

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\VL083118AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.059	27	38	53	rBV	21456101	36433988	9.48%	2.004%
2	3.265	89	102	124	rBV	24995029	69475072	18.07%	3.822%
3	3.368	124	134	145	rVV	34254291	64959665	16.89%	3.574%
4	3.419	145	150	159	rVV	5117760	7466785	1.94%	0.411%
5	3.956	306	317	338	rVB2	17794790	46005020	11.96%	2.531%
6	4.098	350	361	376	rBV	27783726	49988838	13.00%	2.750%
7	5.313	726	739	749	rBV	6586421	16214306	4.22%	0.892%
8	5.445	749	780	781	rVV	32532298	129166078	33.59%	7.106%
9	5.451	781	782	792	rVV	32401145	24751873	6.44%	1.362%
10	5.609	817	831	861	rVB2	5317076	14061928	3.66%	0.774%
11	5.821	881	897	918	rBV7	3949204	12913070	3.36%	0.710%
12	5.930	918	931	954	rVB4	2563528	6901902	1.79%	0.380%
13	6.914	1219	1237	1249	rBV2	2364050	5569133	1.45%	0.306%
14	6.994	1249	1262	1279	rVV4	1493812	5660969	1.47%	0.311%
15	7.374	1348	1380	1390	rBV2	3933048	12671548	3.30%	0.697%
16	7.663	1453	1470	1504	rVB3	12328356	33561146	8.73%	1.846%
17	7.988	1558	1571	1609	rVB2	4877094	12418163	3.23%	0.683%
18	8.496	1716	1729	1745	rVB	3713562	7985254	2.08%	0.439%
19	10.236	2255	2270	2282	rBV3	3114323	7819572	2.03%	0.430%
20	10.342	2282	2303	2327	rVB	25366962	79801248	20.75%	4.390%
21	10.625	2374	2391	2407	rBV2	7608413	17518387	4.56%	0.964%
22	10.879	2439	2470	2481	rBV2	9332645	24559176	6.39%	1.351%
23	10.924	2481	2484	2495	rVV2	3021630	5622995	1.46%	0.309%
24	11.184	2548	2565	2574	rBV5	3189337	7934266	2.06%	0.436%
25	11.374	2609	2624	2636	rBV2	2420314	5375588	1.40%	0.296%
26	11.509	2650	2666	2685	rVB3	2857245	6853045	1.78%	0.377%
27	11.875	2760	2780	2801	rVB3	2106561	5925619	1.54%	0.326%
28	12.303	2893	2913	2933	rBV2	4982913	12168046	3.16%	0.669%
29	12.801	3042	3068	3083	rBV4	4003877	11788800	3.07%	0.649%
30	12.927	3090	3107	3123	rVB2	12699647	32766453	8.52%	1.803%
31	13.178	3172	3185	3207	rVB2	2061290	6009458	1.56%	0.331%
32	13.342	3207	3236	3250	rVV	4971536	12879788	3.35%	0.709%
33	13.422	3250	3261	3276	rVV2	2335892	6164836	1.60%	0.339%
34	13.753	3342	3364	3390	rBV6	4098429	14907520	3.88%	0.820%

LSC Area Percent Report

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Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

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\VL083118AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

35	13.898	3390	3409	3425	rVB4	2345314	6210695	1.62%	0.342%
36	14.007	3425	3443	3475	rBV5	5178593	18360894	4.78%	1.010%
37	14.348	3532	3549	3565	rBV3	1551185	3923123	1.02%	0.216%
38	14.634	3620	3638	3653	rBV2	4475312	11063271	2.88%	0.609%
39	15.190	3795	3811	3830	rVB5	1613970	4784541	1.24%	0.263%
40	15.968	4032	4053	4072	rBV9	1864798	7434068	1.93%	0.409%
41	16.068	4072	4084	4105	rVB4	1157957	3922099	1.02%	0.216%
42	16.235	4105	4136	4148	rBV10	932510	4302269	1.12%	0.237%
43	16.370	4164	4178	4193	rVB3	3661321	9362613	2.43%	0.515%
44	16.476	4193	4211	4243	rVV5	3078781	12062454	3.14%	0.664%
45	16.833	4290	4322	4350	rBV7	3407677	15522820	4.04%	0.854%
46	16.984	4350	4369	4396	rVB9	1486110	6443680	1.68%	0.354%
47	17.184	4414	4431	4454	rVB2	4615177	14006999	3.64%	0.771%
48	17.422	4454	4505	4521	rVV4	59685339	384521072	100.00%	21.153%
49	17.521	4525	4536	4558	rVB2	1484414	4165573	1.08%	0.229%
50	17.743	4583	4605	4624	rBV	12319591	34203398	8.90%	1.882%
51	18.074	4693	4708	4724	rVV6	2001687	6659171	1.73%	0.366%
52	18.177	4724	4740	4753	rVV7	2877994	8810532	2.29%	0.485%
53	18.245	4753	4761	4783	rVB2	1988264	5730682	1.49%	0.315%
54	18.435	4783	4820	4851	rBV2	30934937	131521041	34.20%	7.235%
55	18.582	4851	4866	4876	rBV	3698870	9339068	2.43%	0.514%
56	18.663	4876	4891	4906	rVB	6851854	17967172	4.67%	0.988%
57	18.959	4950	4983	4985	rBV4	5484904	12982017	3.38%	0.714%
58	19.000	4985	4996	5027	rVB3	8883264	36844462	9.58%	2.027%
59	19.187	5027	5054	5064	rBV6	1157741	5902762	1.54%	0.325%
60	19.261	5064	5077	5103	rVV5	2894365	11564620	3.01%	0.636%
61	19.676	5189	5206	5212	rBV4	1775197	4669557	1.21%	0.257%
62	19.727	5212	5222	5235	rVB4	4181898	9890390	2.57%	0.544%
63	19.814	5235	5249	5260	rBV	3014747	8043348	2.09%	0.442%
64	19.971	5289	5298	5311	rVB6	1836185	5134060	1.34%	0.282%
65	20.119	5327	5344	5355	rBV2	3562475	8624175	2.24%	0.474%
66	20.634	5484	5504	5534	rBV3	9483840	32696255	8.50%	1.799%
67	21.032	5615	5628	5644	rBV3	1585355	4046805	1.05%	0.223%
68	21.377	5716	5735	5762	rVB8	2314029	8678356	2.26%	0.477%
69	21.573	5775	5796	5797	rBV3	1883412	4094329	1.06%	0.225%
70	21.695	5807	5834	5861	rVB3	3727354	20262421	5.27%	1.115%
71	21.856	5883	5884	5907	rVV4	1651749	4190227	1.09%	0.231%

LSC Area Percent Report

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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

72	22.007	5907	5931	5951	rVV3	1458987	5428904	1.41%	0.299%
73	22.174	5951	5983	5998	rVV6	1975406	8962005	2.33%	0.493%
74	22.550	6068	6100	6117	rBV3	2291972	7650686	1.99%	0.421%
75	22.711	6128	6150	6165	rBV7	1342993	4564878	1.19%	0.251%
76	22.955	6208	6226	6233	rBV5	2036891	5194670	1.35%	0.286%
77	23.020	6233	6246	6272	rVB2	7018112	20181305	5.25%	1.110%
78	23.386	6342	6360	6374	rBV2	3055255	8022941	2.09%	0.441%
79	23.576	6399	6419	6447	rVB3	2581089	10000725	2.60%	0.550%
80	24.174	6582	6605	6623	rBV3	5325248	13431395	3.49%	0.739%
81	24.344	6642	6658	6674	rVB	1849213	4100300	1.07%	0.226%
82	24.521	6698	6713	6729	rVV5	1984551	5350009	1.39%	0.294%
83	25.418	6972	6992	7001	rBV2	1967849	4256955	1.11%	0.234%
84	25.492	7001	7015	7039	rVV6	1932693	8395808	2.18%	0.462%

Sum of corrected areas: 1817781135

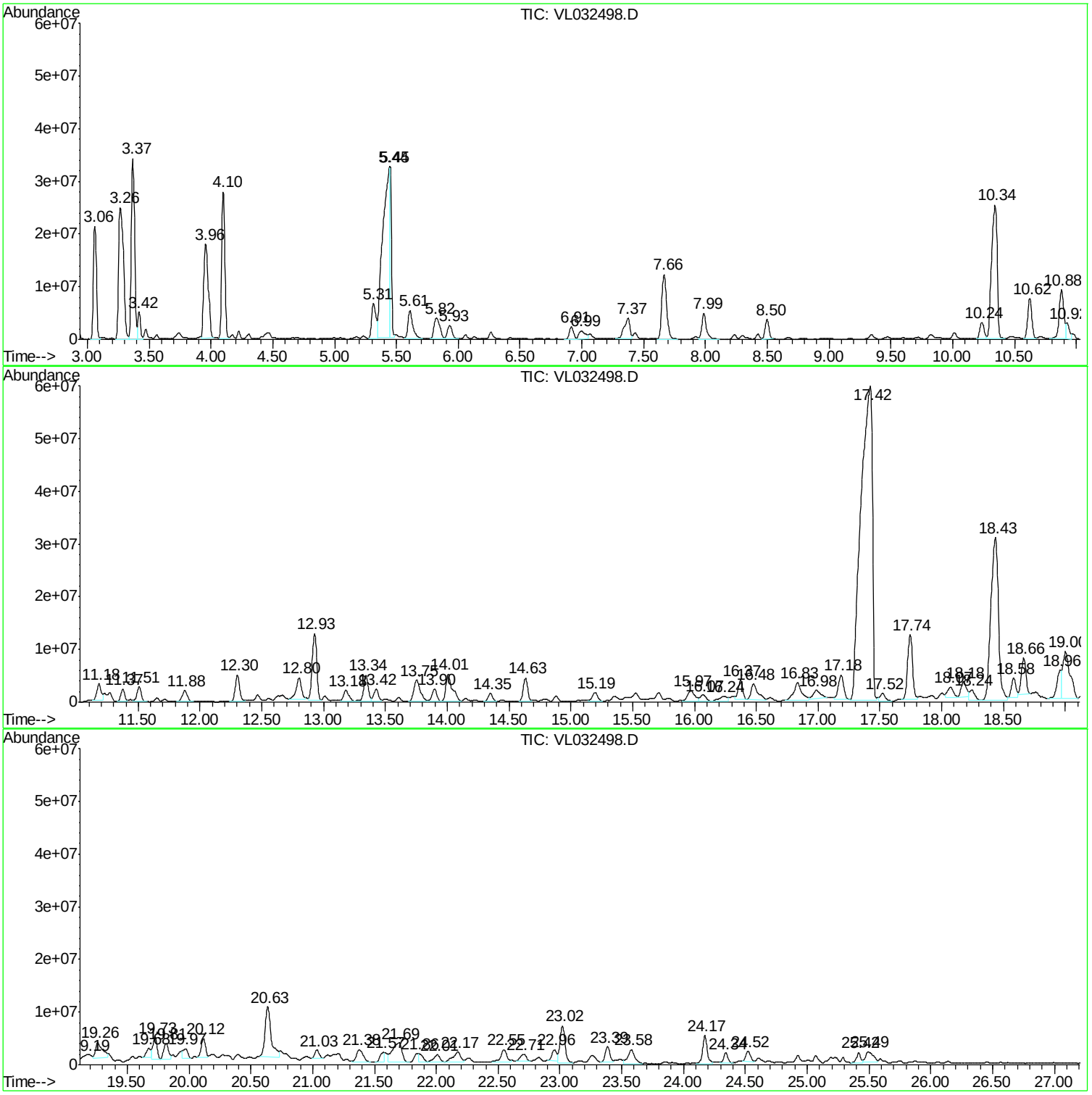
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
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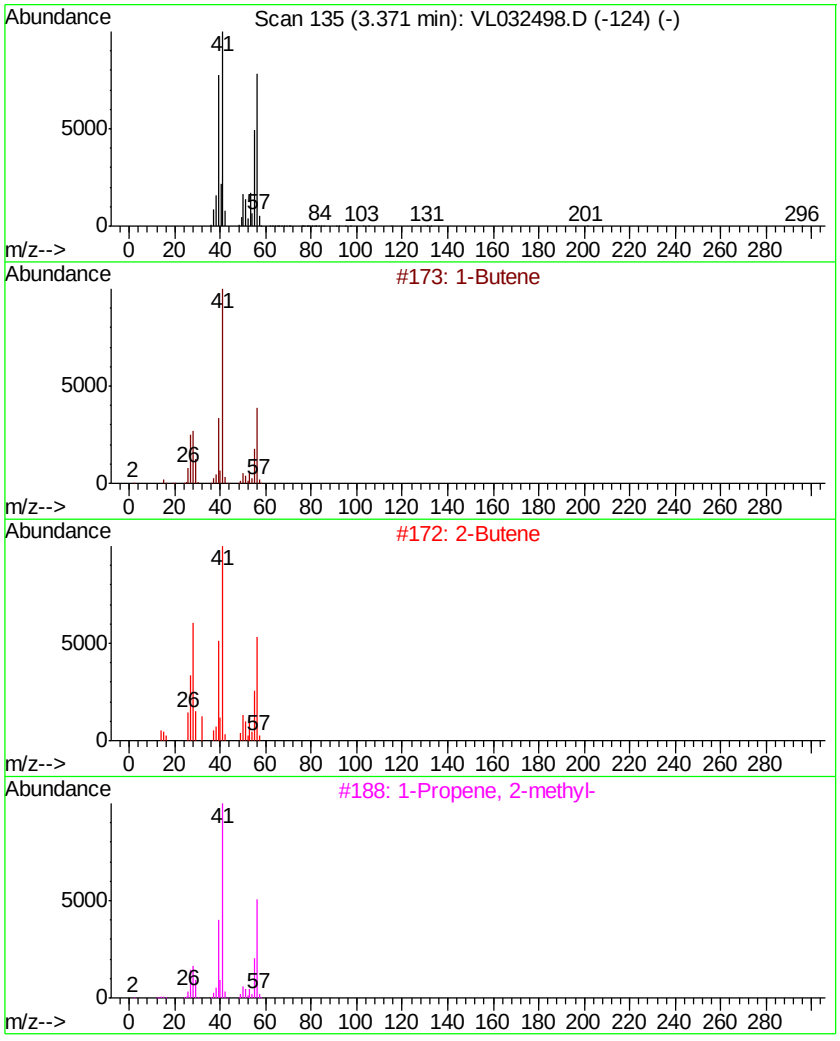
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

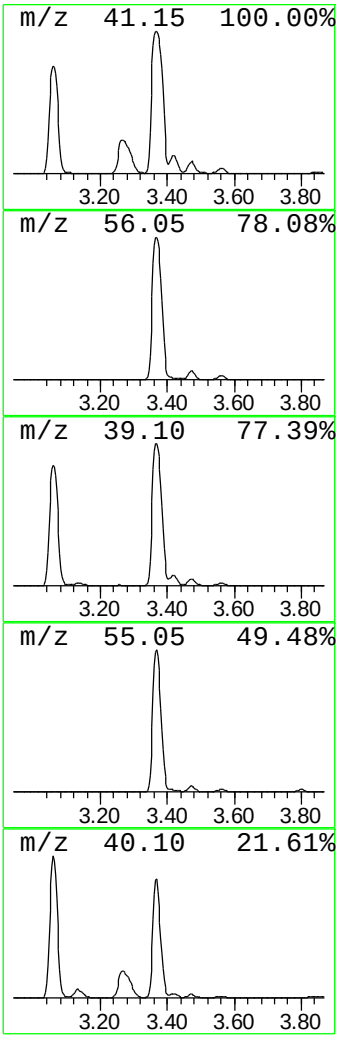
****

Peak Number 2 1-Butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	50.31 ppbv	64959700	Bromochloromethane	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	86
2	2-Butene	56	C4H8	000107-01-7	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	78
4	1-Butene	56	C4H8	000106-98-9	78
5	2-Butene	56	C4H8	000107-01-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

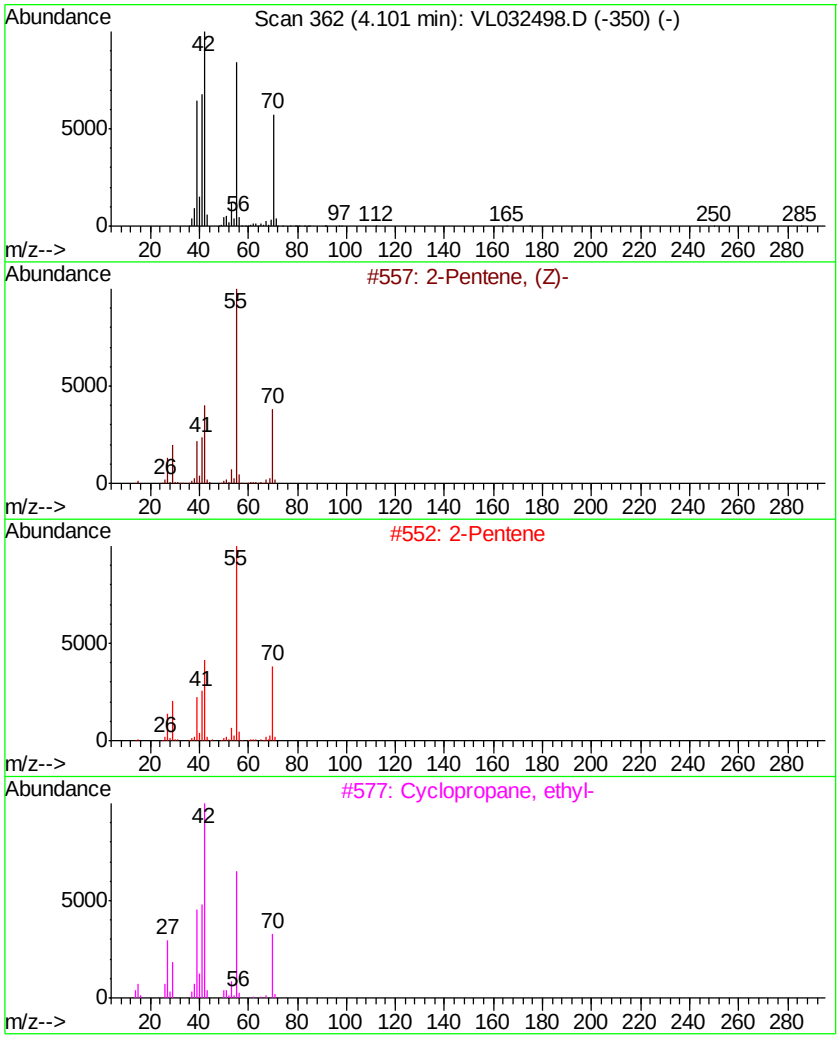
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

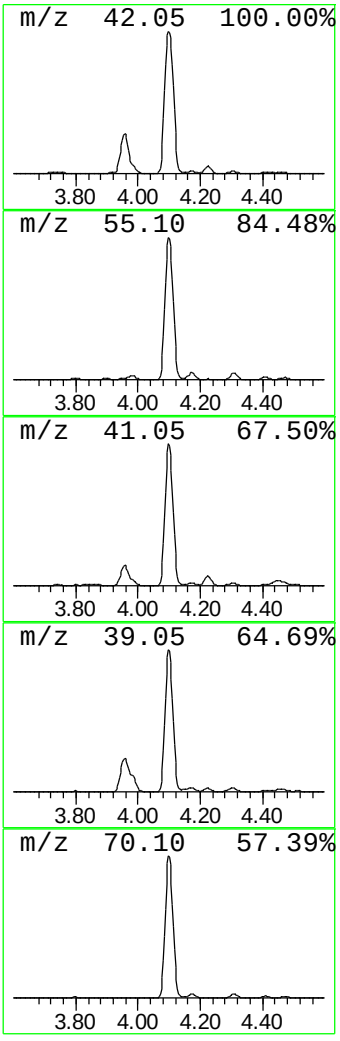
****

Peak Number 3 2-Pentene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	38.71 ppbv	49988800	Bromochloromethane	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	2-Pentene	70	C5H10	000109-68-2	90
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	83
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

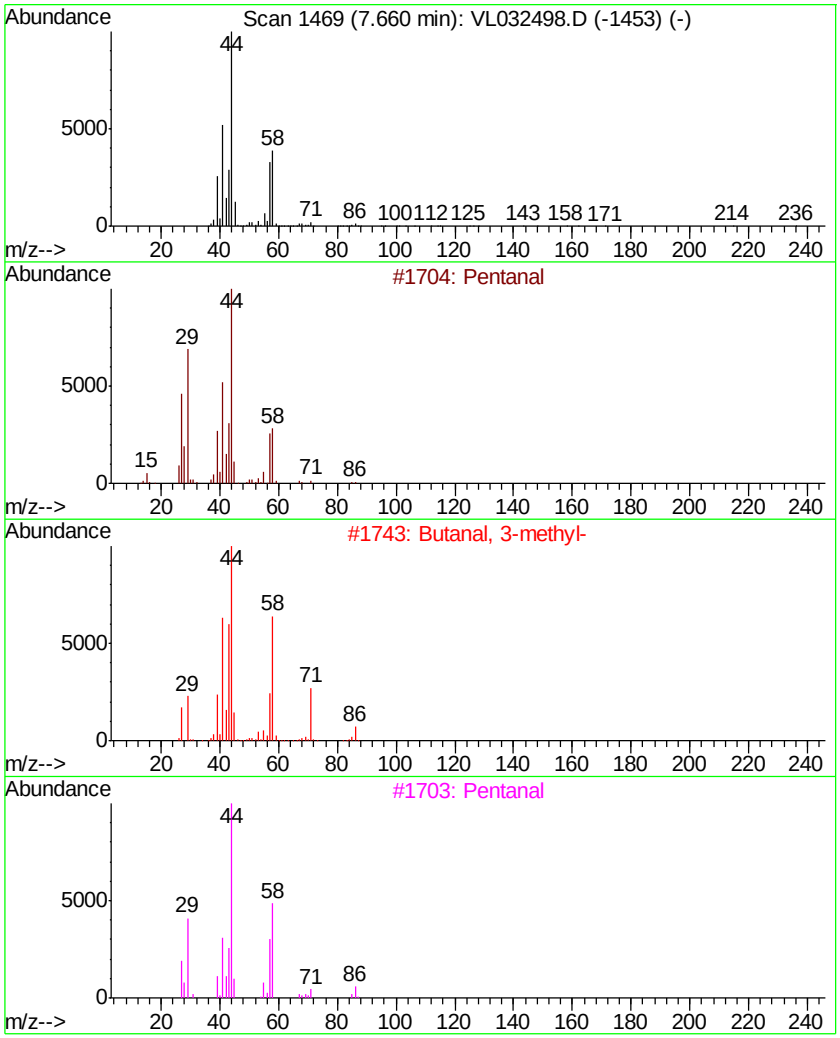
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

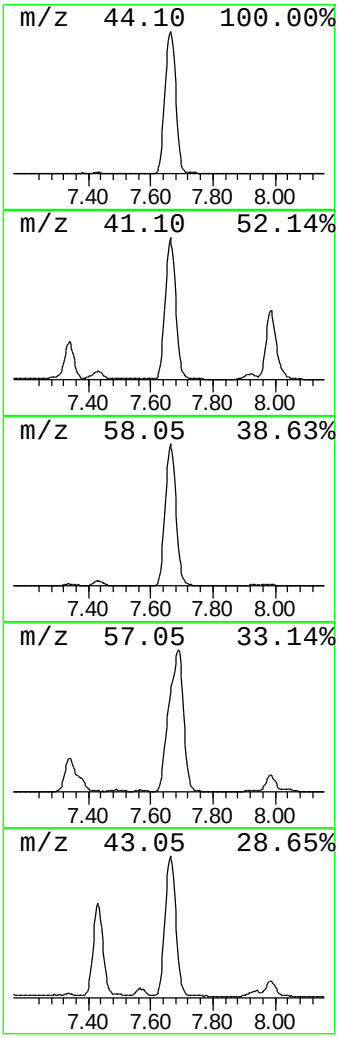
****

Peak Number 6 Pentanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	26.49 ppbv	33561100	1,4-Difluorobenzene	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
3	Pentanal	86	C5H10O	000110-62-3	64
4	Pentanal	86	C5H10O	000110-62-3	52
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40





Library Search Compound Report

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Acq On : 11 Sep 2018 4:00
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

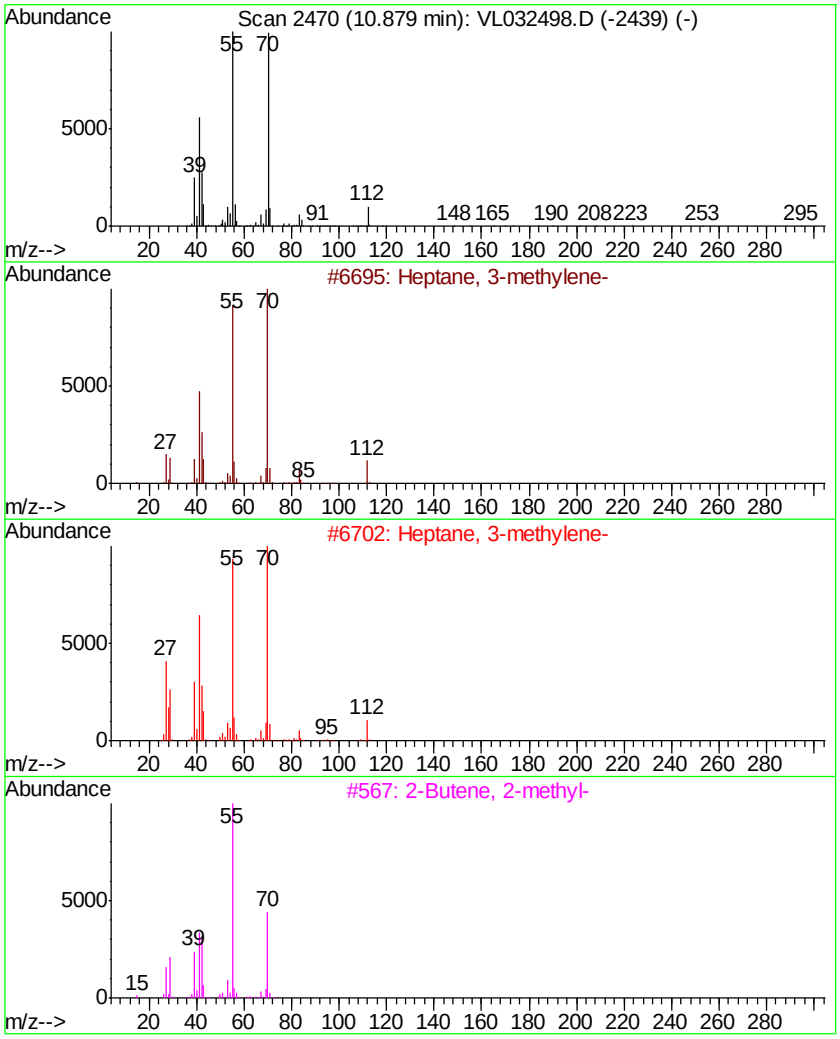
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

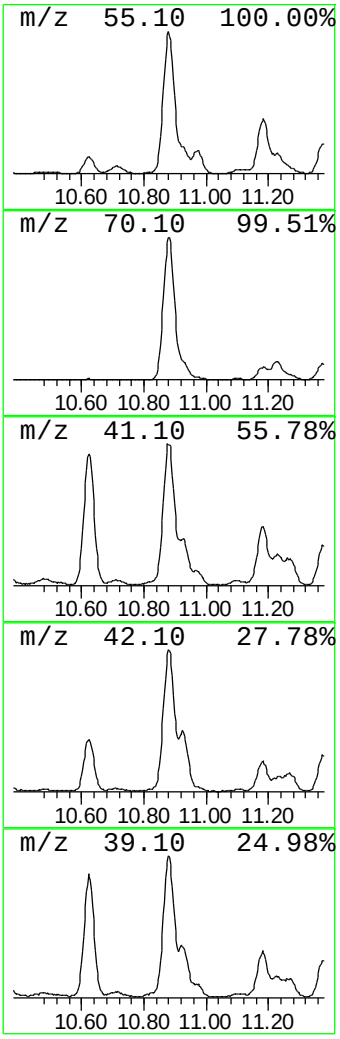
****

Peak Number 7 Heptane, 3-methylene- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	20.18 ppbv	24559200	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methylene-	112	C8H16	001632-16-2	95
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	94
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	83





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Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

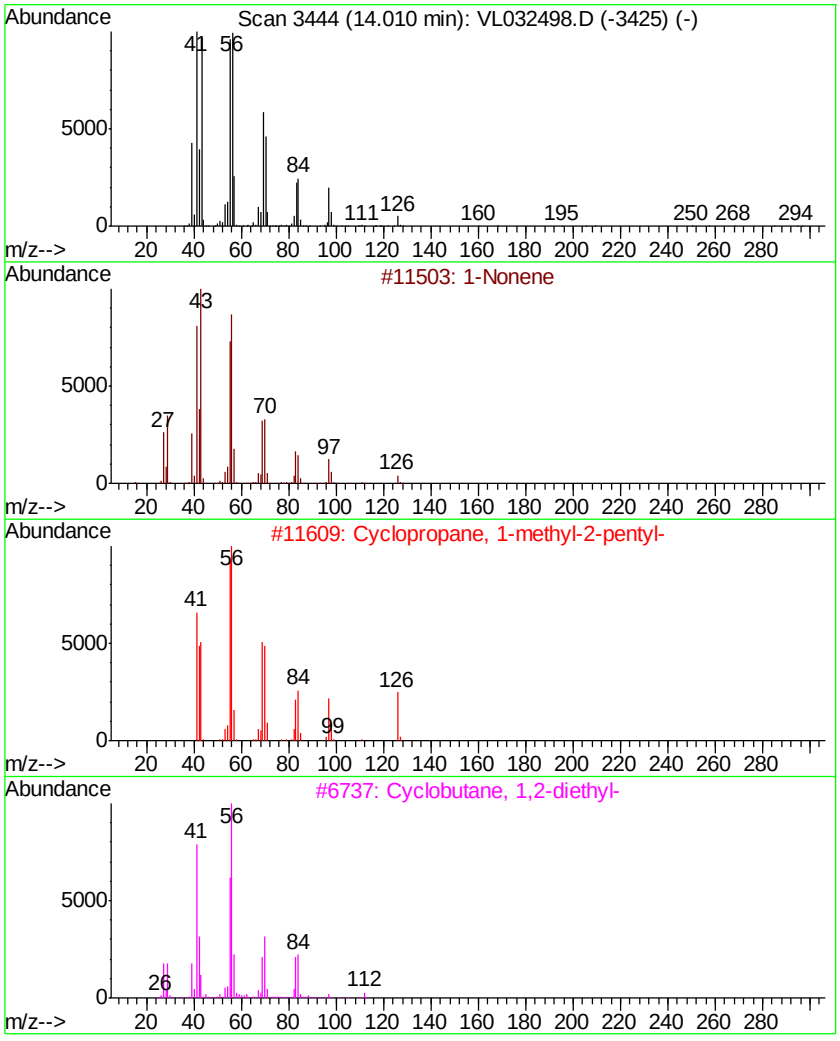
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

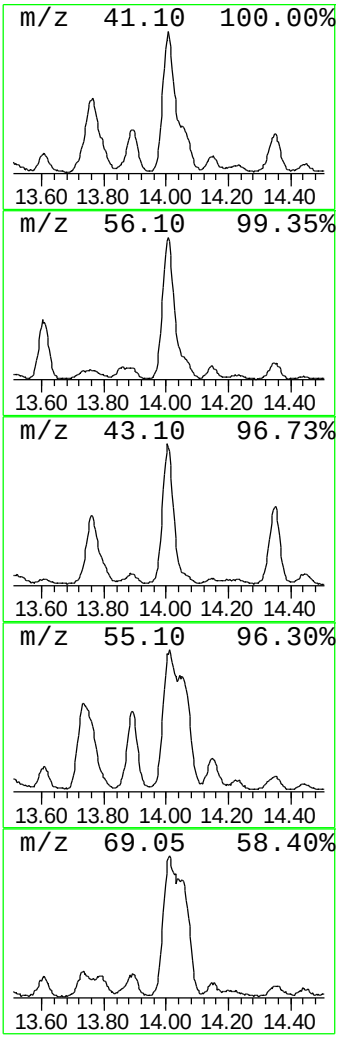
****

Peak Number 8 1-Nonene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	15.09 ppbv	18360900	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene	126	C9H18	000124-11-8	95
2	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	95
3	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	64
4	1-Heptene	98	C7H14	000592-76-7	58
5	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	50





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Instrument : MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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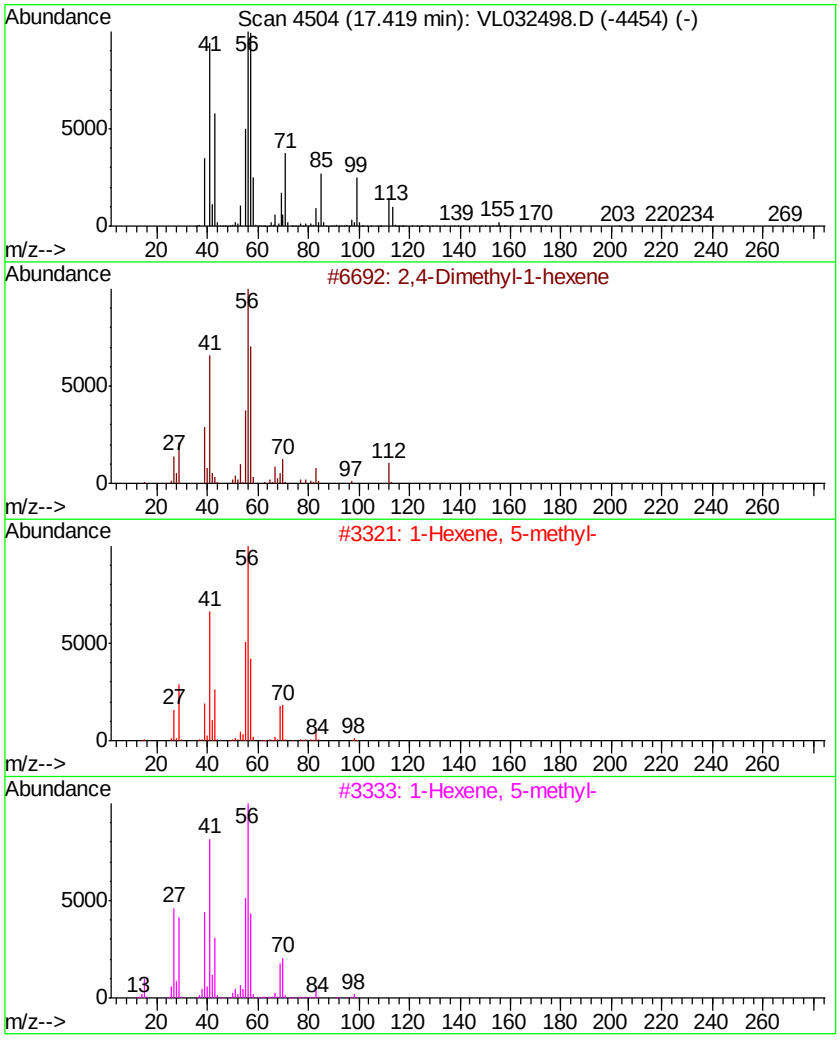
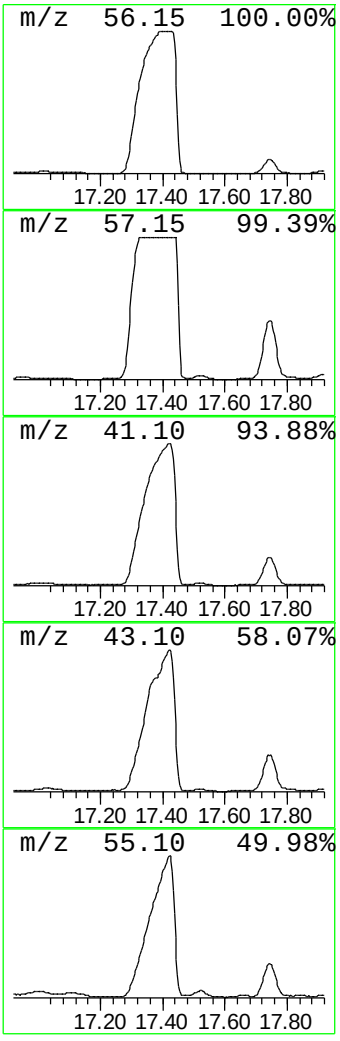
Peak Number 9 unknown17.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	316.01 ppbv	384521000	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	46
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	41
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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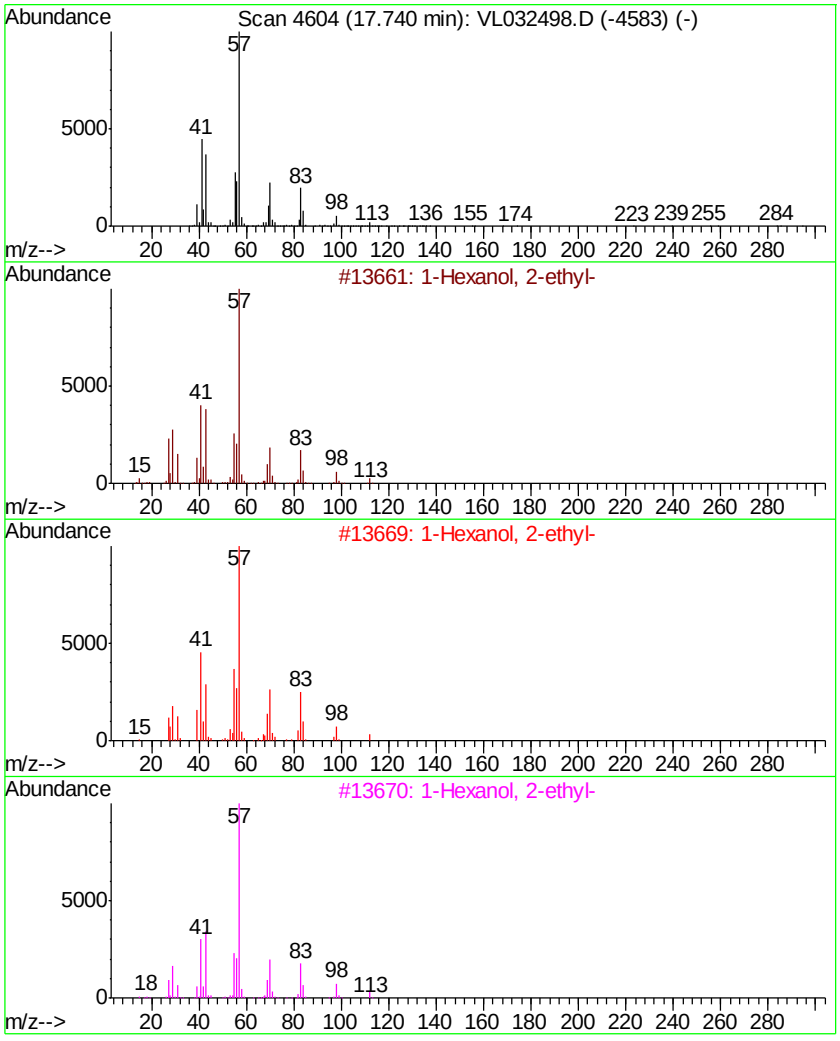
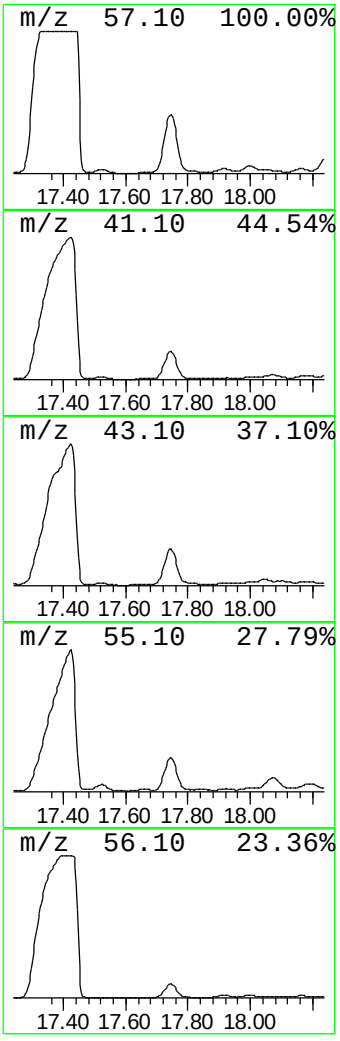
Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	28.11 ppbv	34203400	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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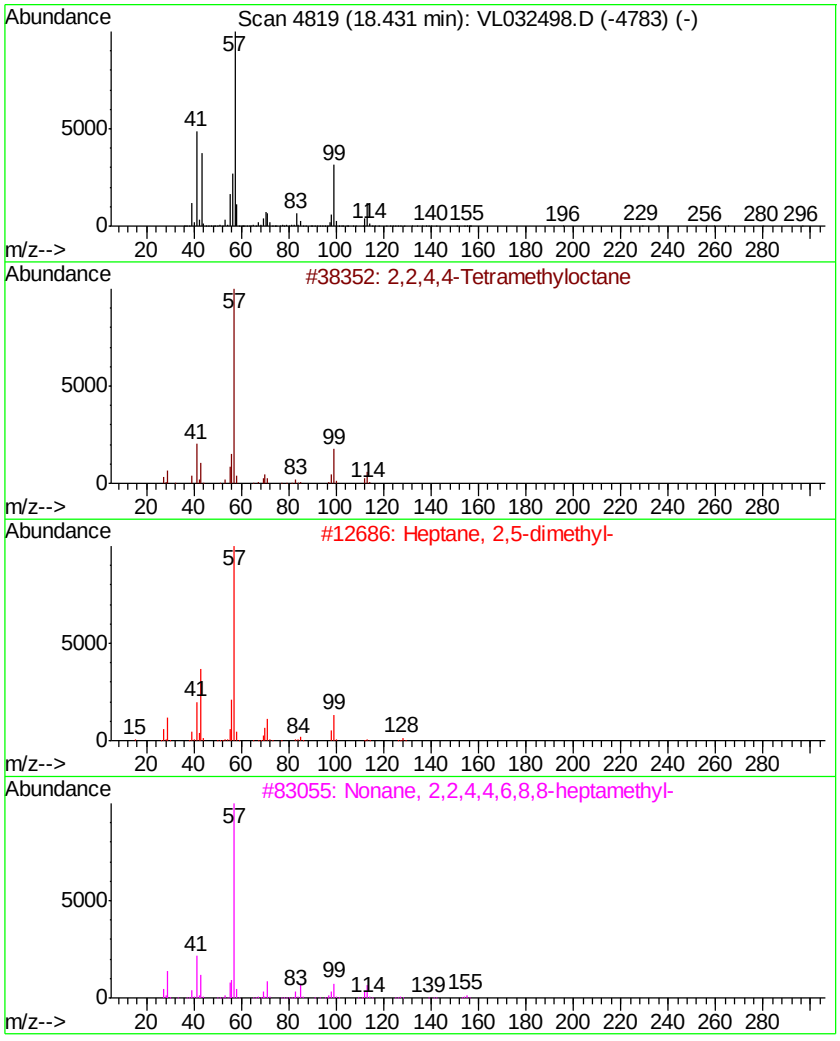
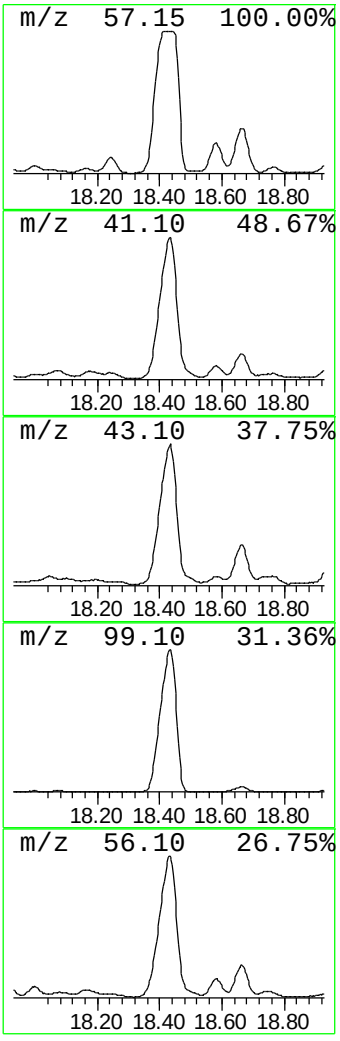
Peak Number 11 2,2,4,4-Tetramethyloctane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	108.09 ppbv	131521000	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	53
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50
4	2-Pentene, 5-butoxy-, (E)-	142	C9H18O	054004-23-8	43
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





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Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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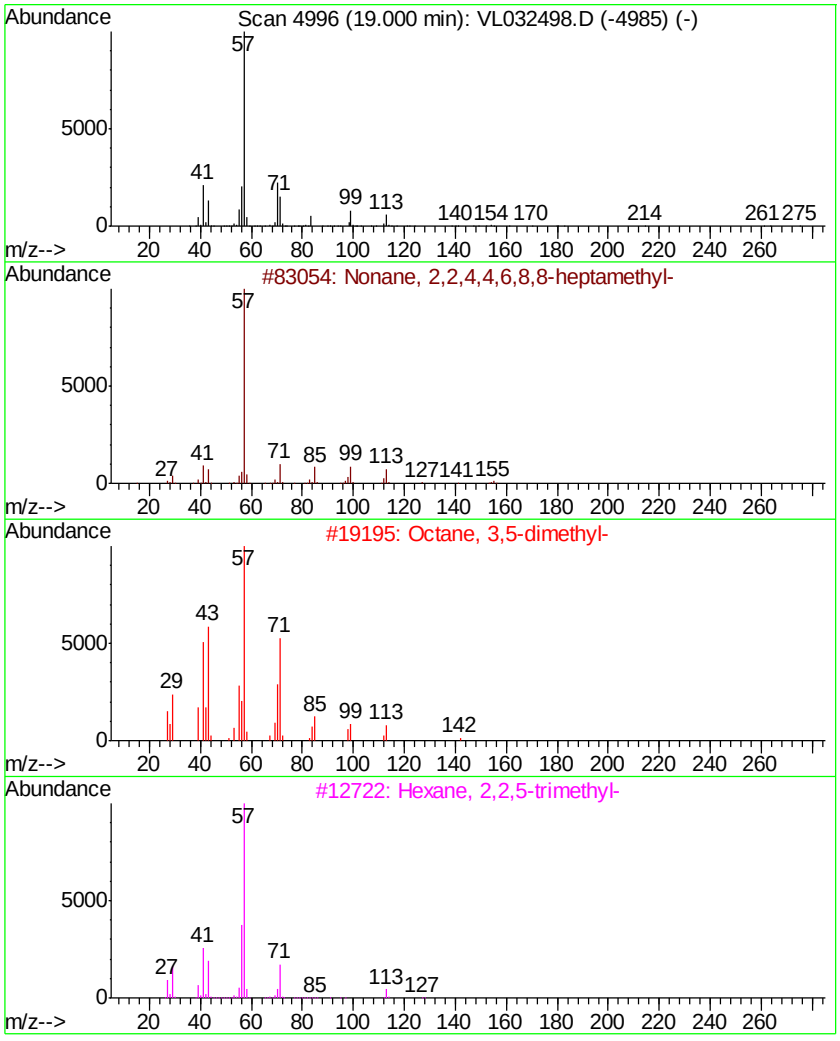
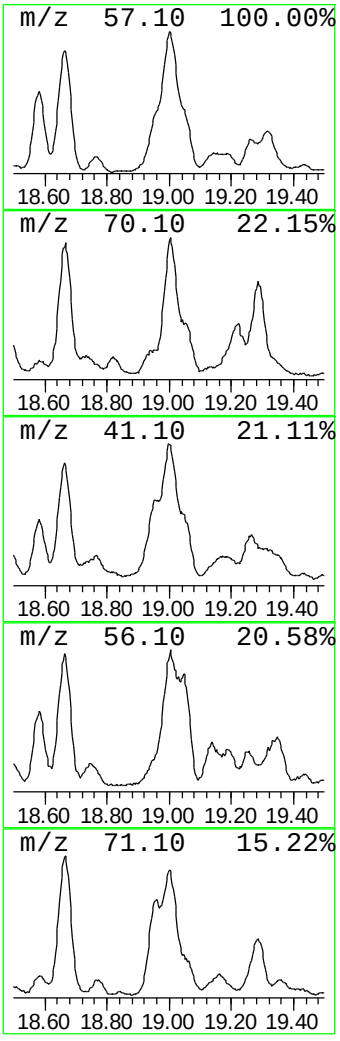
Peak Number 12 unknown19.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	30.28 ppbv	36844500	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	47
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	Octane, 3-methyl-	128	C9H20	002216-33-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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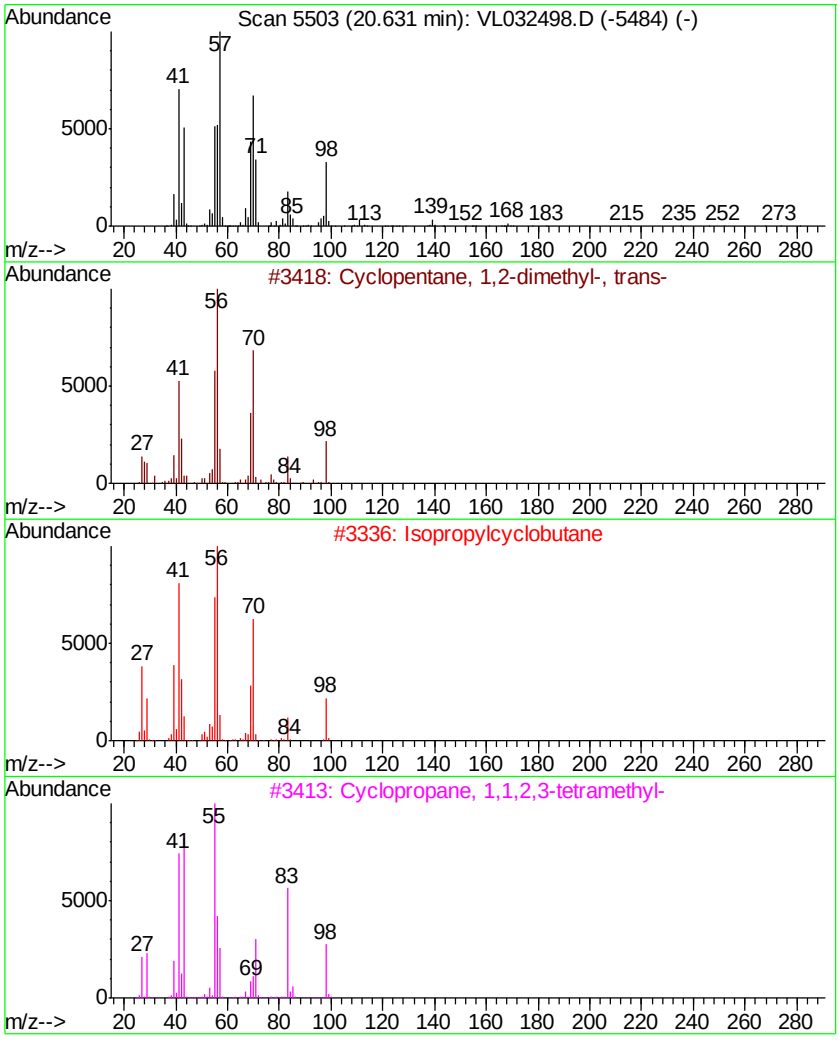
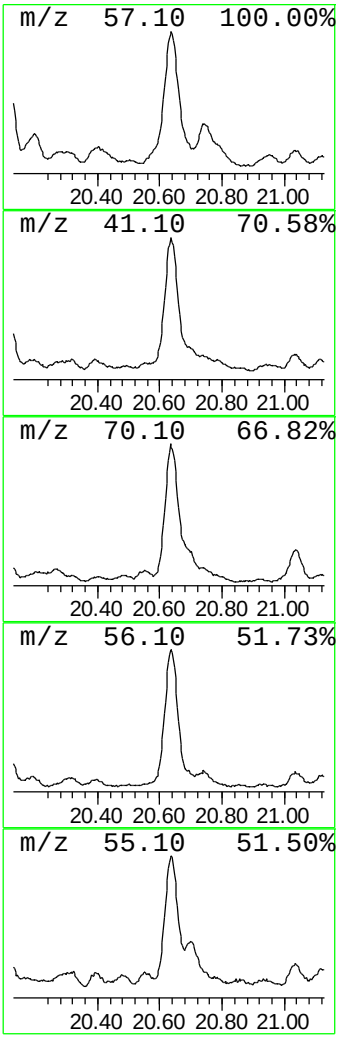
Peak Number 13 Cyclopentane, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	26.87 ppbv	32696300	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58
2	Isopropylcyclobutane	98	C7H14	000872-56-0	47
3	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	46
4	4-Undecene, 10-methyl-, (E)-	168	C12H24	074630-60-7	42
5	(Z)-3-Heptene	98	C7H14	007642-10-6	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

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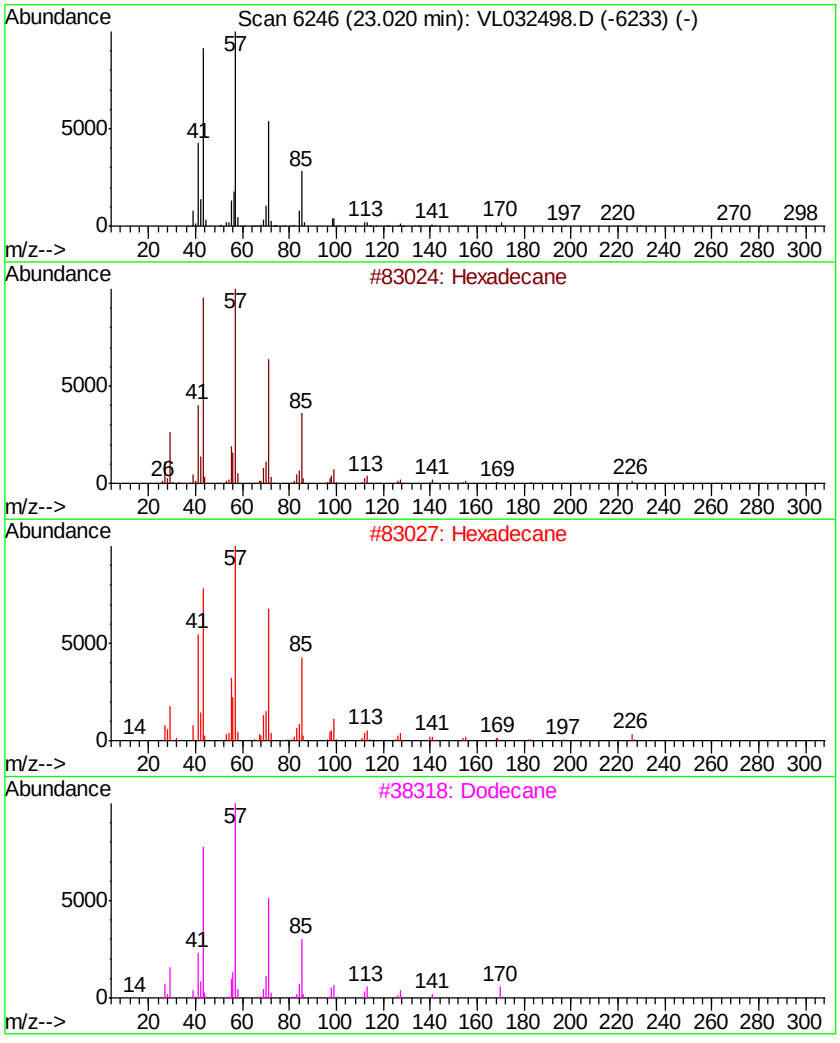
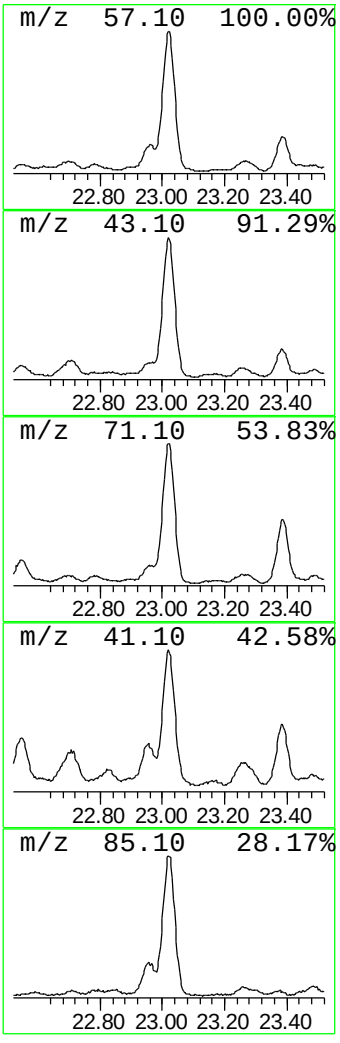
Peak Number 15 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	16.59 ppbv	20181300	Chlorobenzene-d5	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane	170	C12H26	000112-40-3	87
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
5	Tridecane	184	C13H28	000629-50-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032498.D
Acq On : 11 Sep 2018 4:00
Operator : SY/AP
Sample : J4820-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 255-BERRY

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butene	3.37	50.3	ppbv	64959700	1	5.85	12913100	10.0
2-Pentene, (Z)-	4.10	38.7	ppbv	49988800	1	5.85	12913100	10.0
Pentanal	7.66	26.5	ppbv	33561100	2	7.37	12671500	10.0
Heptane, 3-methyl...	10.88	20.2	ppbv	24559200	3	12.30	12168000	10.0
1-Nonene	14.01	15.1	ppbv	18360900	3	12.30	12168000	10.0
unknown17.42	17.42	316.0	ppbv	384521000	3	12.30	12168000	10.0
1-Hexanol, 2-ethyl-	17.74	28.1	ppbv	34203400	3	12.30	12168000	10.0
2,2,4,4-Tetrameth...	18.43	108.1	ppbv	131521000	3	12.30	12168000	10.0
unknown19.00	19.00	30.3	ppbv	36844500	3	12.30	12168000	10.0
Cyclopentane, 1,2...	20.63	26.9	ppbv	32696300	3	12.30	12168000	10.0
Hexadecane	23.02	16.6	ppbv	20181300	3	12.30	12168000	10.0