LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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	3.062	29	39	55	rVV2	8270434	12982555	5.58%	1.595%
2	3.265	91	102	124	rBV	12472060	22151368	9.51%	2.721%
3	3.374	124	136	146	rVV	12673455	19962285	8.57%	2.452%
4	3.422	146	151	161	rVV	2239094	2989304	1.28%	0.367%
5	3.937	301	311	334	rVB	6925606	14676754	6.30%	1.803%
6	4.098	351	361	377	rBV	8583728	13318744	5.72%	1.636%
7	4.458	463	473	483	rVB2	1502818	2478791	1.06%	0.304%
8	5.297	722	734	744	rVV2	2536310	5061030	2.17%	0.622%
9	5.384	744	761	785	rVV	19415450	55368781	23.78%	6.800%
10	5.599	814	828	852	rVB2	2202067	4156104	1.78%	0.510%
11	5.818	878	896	912	rBV5	4235512	8922305	3.83%	1.096%
12	5.908	912	924	937	rVV2	1421965	2667814	1.15%	0.328%
13	7.348	1344	1372	1384	rBV2	4381755	9633599	4.14%	1.183%
14	7.641	1447	1463	1497	rBV2	4910064	11566501	4.97%	1.421%
15	7.978	1556	1568	1585	rBV2	1479515	3158907	1.36%	0.388%
16	10.219	2252	2265	2278	rBV4	1170493	2535840	1.09%	0.311%
17	10.313	2278	2294	2315	rVV	13578008	32917220	14.14%	4.043%
18	10.608	2370	2386	2402	rBV2	3186466	6863051	2.95%	0.843%
19	10.872	2440	2468	2478	rBV2	3296153	7894272	3.39%	0.970%
20	11.174	2546	2562	2571	rBV3	1075554	2494028	1.07%	0.306%
21	11.872	2753	2779	2802	rBV3	2410435	6533122	2.81%	0.802%
22	12.290	2891	2909	2930	rBV2	4917462	11460349	4.92%	1.408%
23	12.792	3041	3065	3080	rBV5	1411008	4067125	1.75%	0.500%
24	12.917	3089	3104	3121	rVB2	5445488	12735789	5.47%	1.564%
25	13.168	3171	3182	3204	rVB3	948283	2840227	1.22%	0.349%
26	13.335	3218	3234	3249	rBV2	1671526	3860510	1.66%	0.474%
27	13.747	3340	3362	3388	rBV8	1801910	6325587	2.72%	0.777%
28	13.891	3388	3407	3423	rVV6	998363	2532607	1.09%	0.311%
29	13.997	3423	3440	3475	rVV3	2127530	7082963	3.04%	0.870%
30	14.628	3618	3636	3653	rBV2	4599951	11023509	4.73%	1.354%
31	15.962	4029	4051	4070	rBV9	838269	3139760	1.35%	0.386%
32	16.370	4163	4178	4191	rVB	1454360	3509748	1.51%	0.431%
33	16.476	4193	4211	4225	rVV2	1267234	3853071	1.65%	0.473%
34	16.830	4289	4321	4348	rBV6	2516826	8743904	3.76%	1.074%

LSC Area Percent Report

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Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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	16.981	4348	4368	4388	rVB8	859426	3301561	1.42%	0.405%
36	17.177	4409	4429	4450	rVB2	5591733	16912696	7.26%	2.077%
37	17.377	4452	4491	4512	rBV3	47937979	232837132	100.00%	28.597%
38	17.734	4585	4602	4621	rBV2	3449329	9102424	3.91%	1.118%
39	18.062	4689	4704	4720	rVV6	893229	2817512	1.21%	0.346%
40	18.164	4720	4736	4752	rVV7	1526203	4697166	2.02%	0.577%
41	18.412	4778	4813	4847	rBV3	22197371	83648665	35.93%	10.274%
42	18.573	4847	4863	4874	rBV	1760118	4452432	1.91%	0.547%
43	18.653	4874	4888	4904	rVB2	3535579	8999100	3.86%	1.105%
44	18.952	4957	4981	4982	rBV5	2681923	5937433	2.55%	0.729%
45	18.991	4982	4993	5024	rVB2	4551756	18327759	7.87%	2.251%
46	19.258	5063	5076	5117	rVB8	1636078	7991178	3.43%	0.981%
47	19.717	5208	5219	5233	rVB3	3127852	7544141	3.24%	0.927%
48	19.807	5233	5247	5259	rBV3	1400850	3613368	1.55%	0.444%
49	20.113	5325	5342	5353	rBV3	1805377	4334774	1.86%	0.532%
50	20.631	5469	5503	5530	rBV2	5206129	18240472	7.83%	2.240%
51	21.373	5714	5734	5759	rVB7	1033860	3846104	1.65%	0.472%
52	21.560	5774	5792	5807	rBV8	930496	3804337	1.63%	0.467%
53	21.695	5807	5834	5858	rVB4	2317289	11257288	4.83%	1.383%
54	22.171	5951	5982	5997	rVV7	962968	4168611	1.79%	0.512%
55	22.541	6067	6097	6114	rBV3	1090940	3506758	1.51%	0.431%
56	23.013	6231	6244	6270	rVB	3950403	11087688	4.76%	1.362%
57	23.383	6341	6359	6374	rBV3	1403289	3653933	1.57%	0.449%
58	23.576	6402	6419	6446	rVB5	831227	3005881	1.29%	0.369%
59	24.171	6582	6604	6626	rVB3	2926492	7601328	3.26%	0.934%

Sum of corrected areas: 814197265

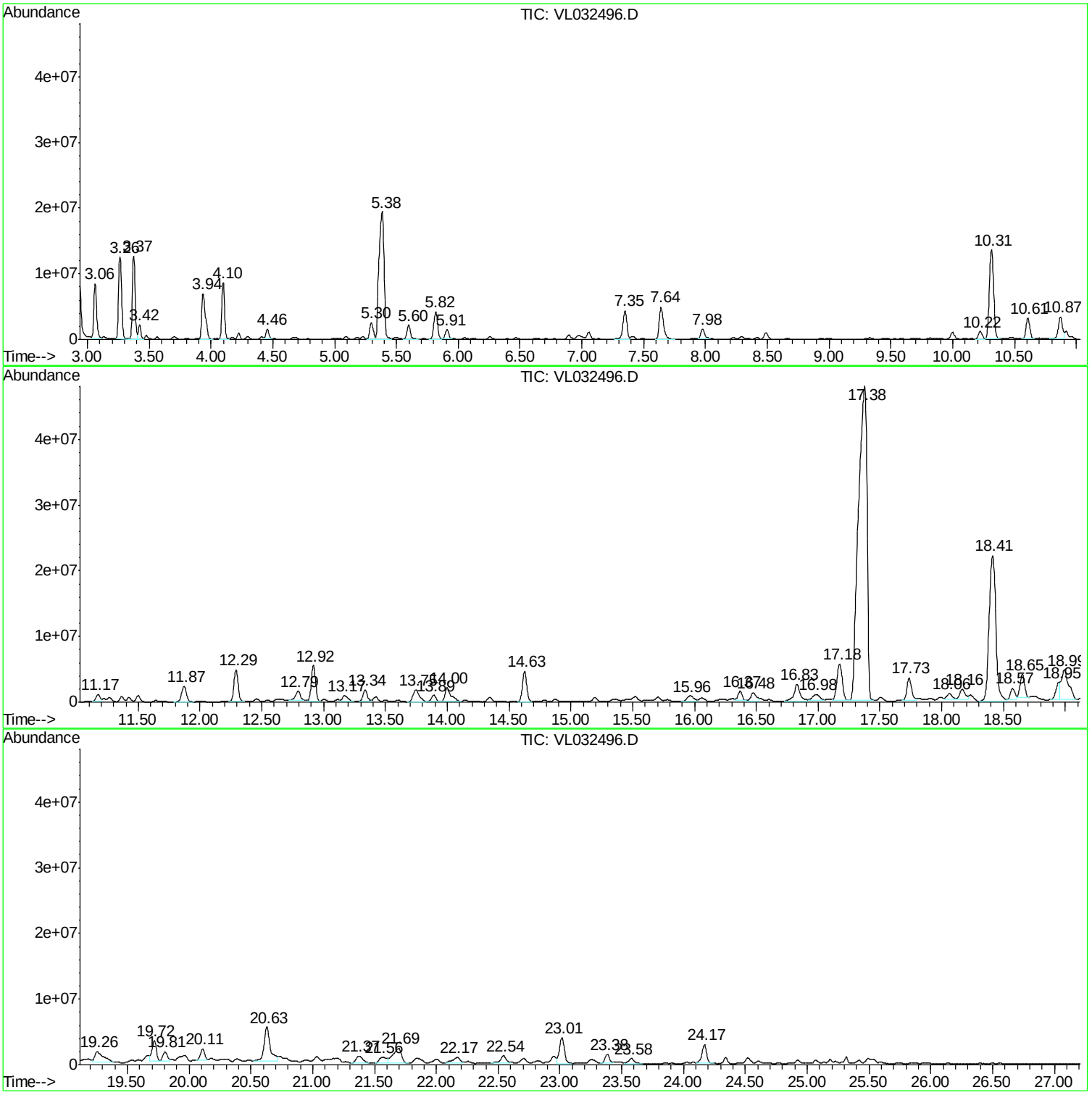
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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 : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

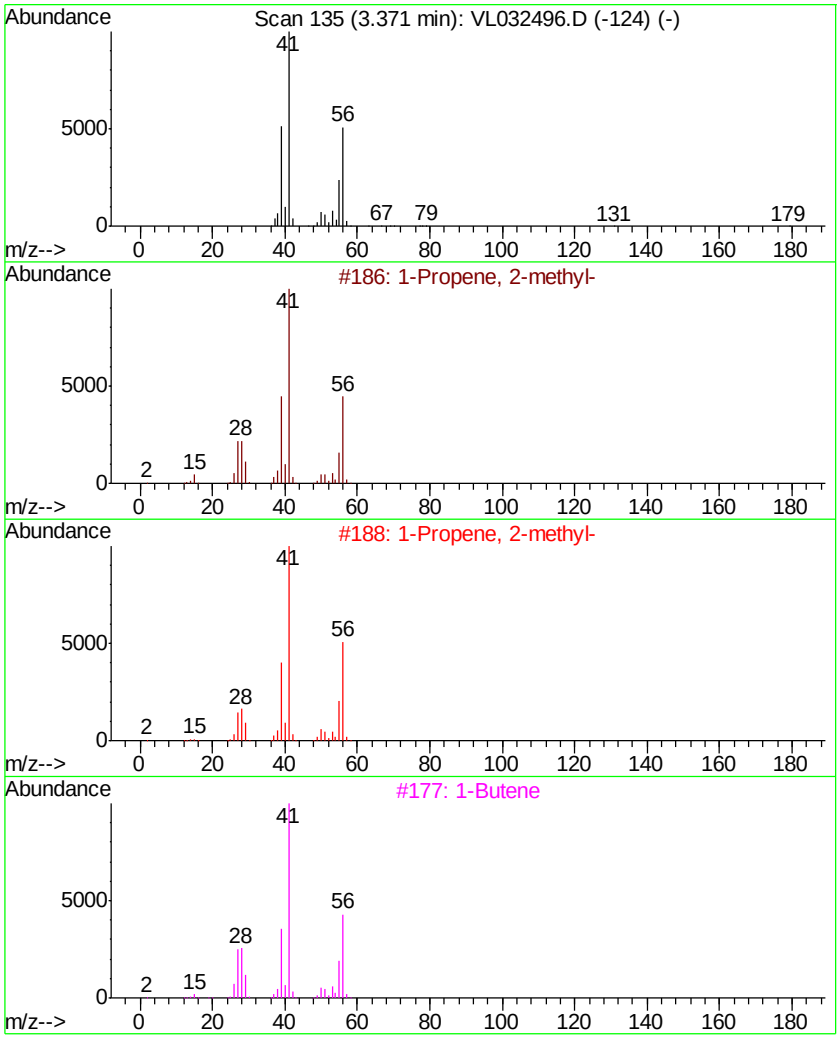
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

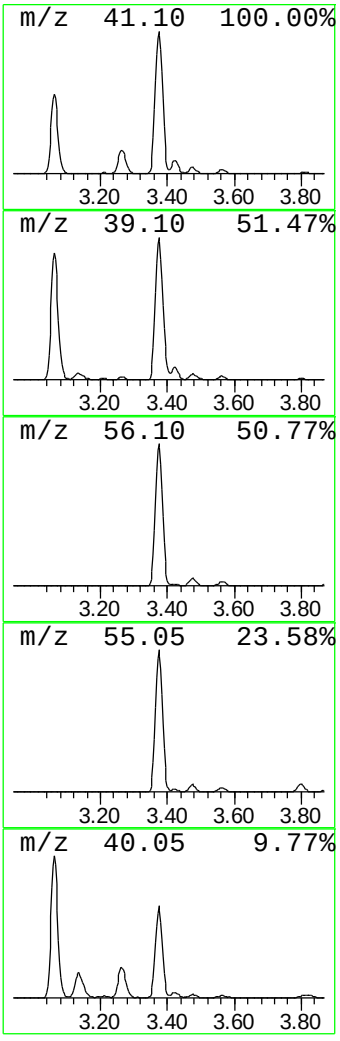
****

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	22.37 ppbv	19962300	Bromochloromethane	5.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
3	1-Butene	56	C4H8	000106-98-9	87
4	1-Butene	56	C4H8	000106-98-9	87
5	2-Butene	56	C4H8	000107-01-7	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

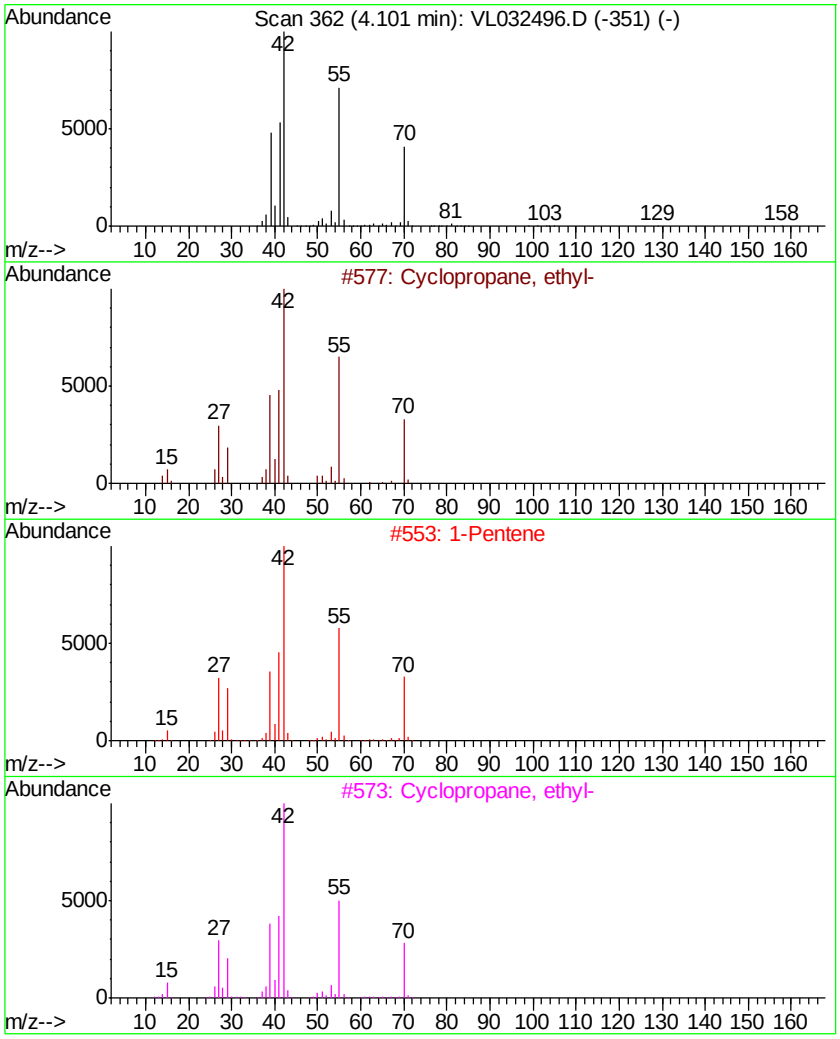
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

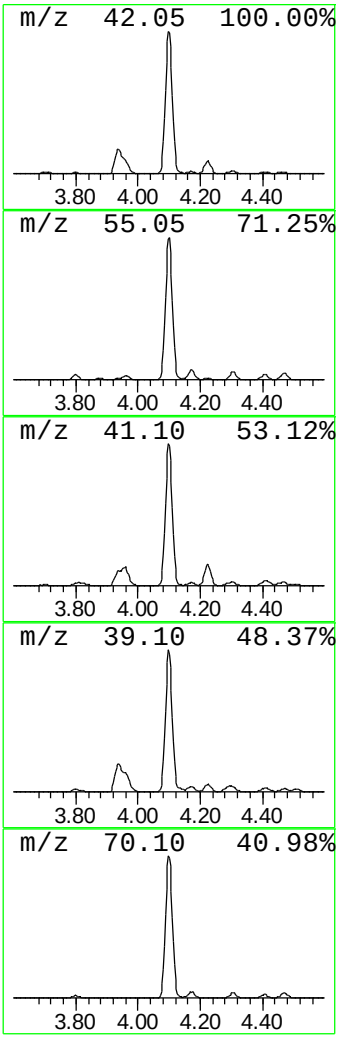
****

Peak Number 3 Cyclopropane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	14.93 ppbv	13318700	Bromochloromethane	5.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	1-Pentene	70	C5H10	000109-67-1	76
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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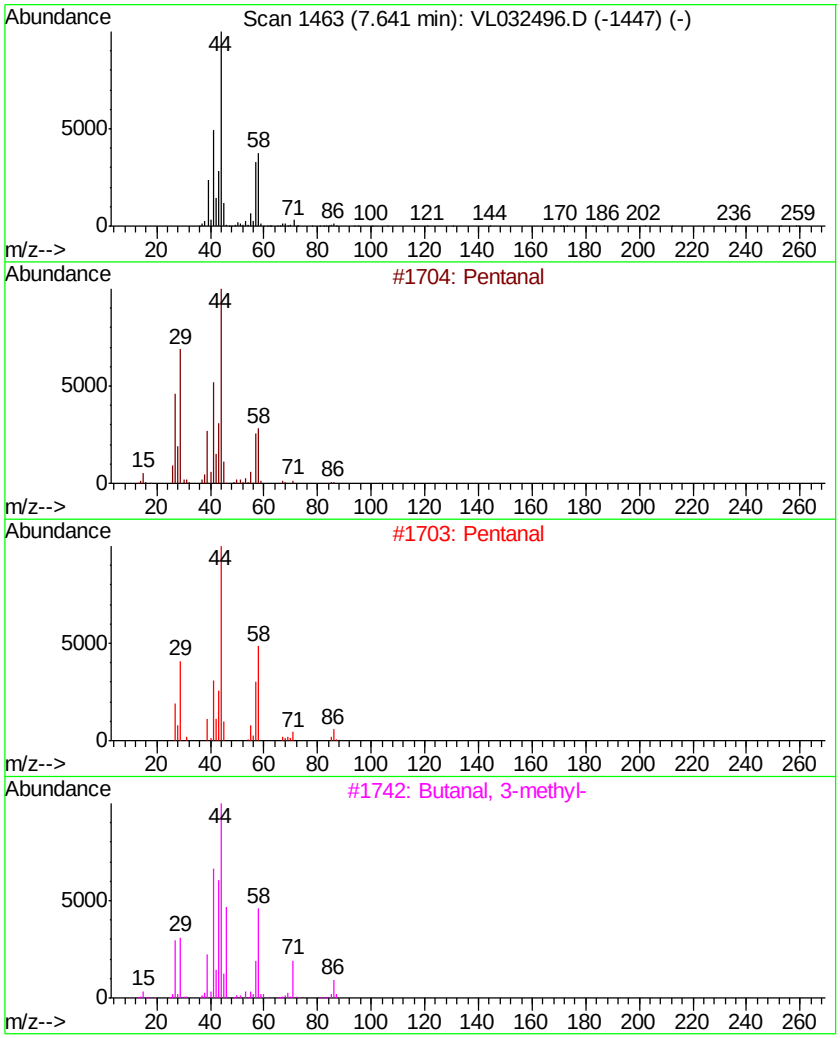
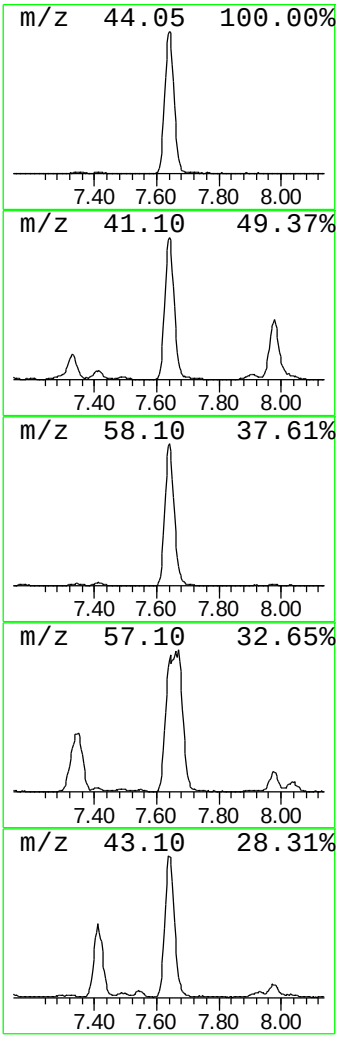
Peak Number 4 Pentanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	12.01 ppbv	11566500	1,4-Difluorobenzene	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Pentanal	86	C5H10O	000110-62-3	64
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
4	Pentanal	86	C5H10O	000110-62-3	58
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	39





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

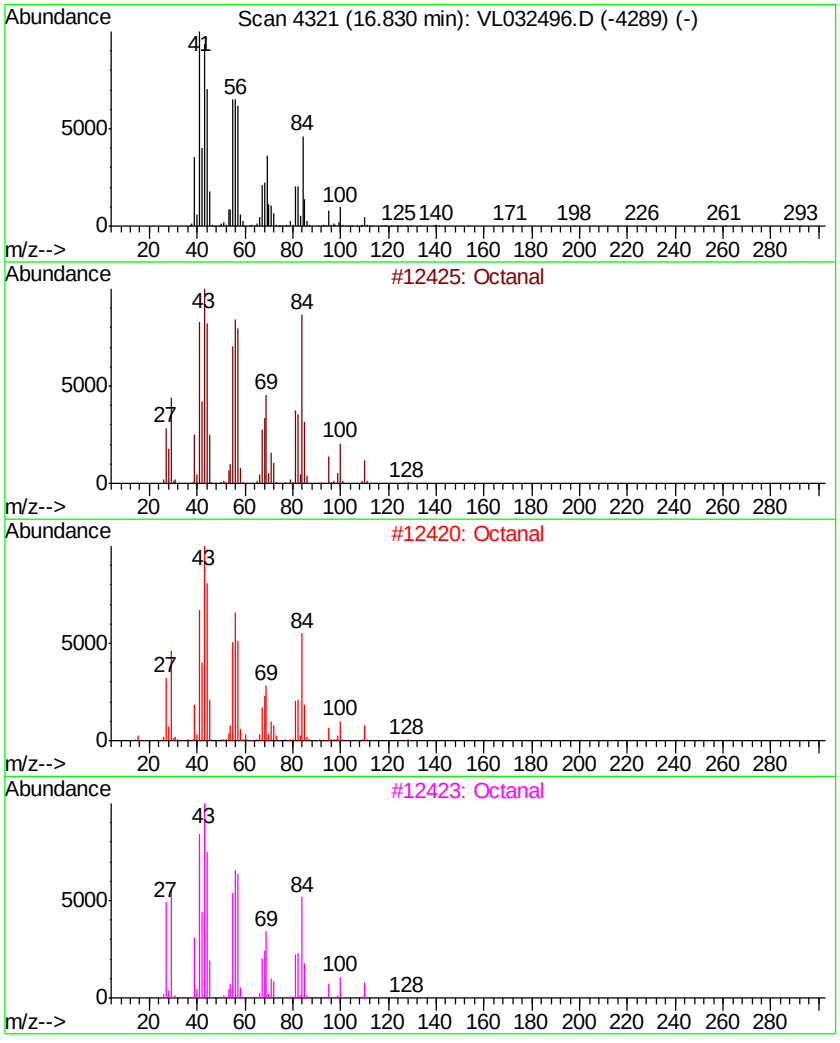
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

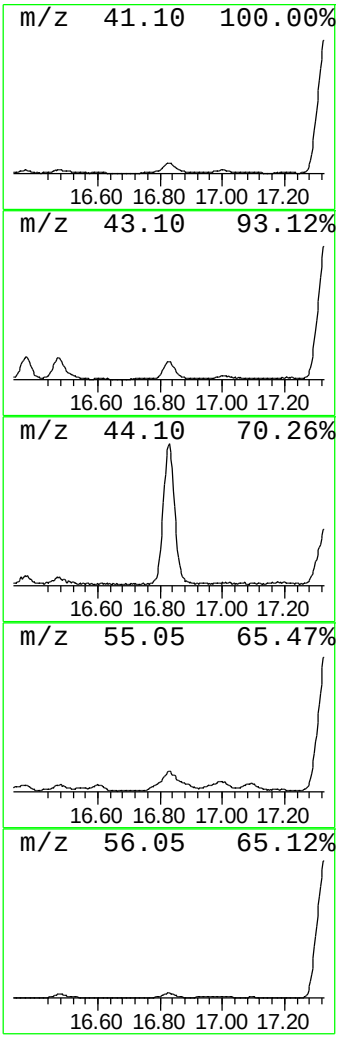
****

Peak Number 5 Octanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	7.63 ppbv	8743900	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	97
2	Octanal	128	C8H16O	000124-13-0	87
3	Octanal	128	C8H16O	000124-13-0	86
4	Octanal	128	C8H16O	000124-13-0	86
5	Octanal	128	C8H16O	000124-13-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

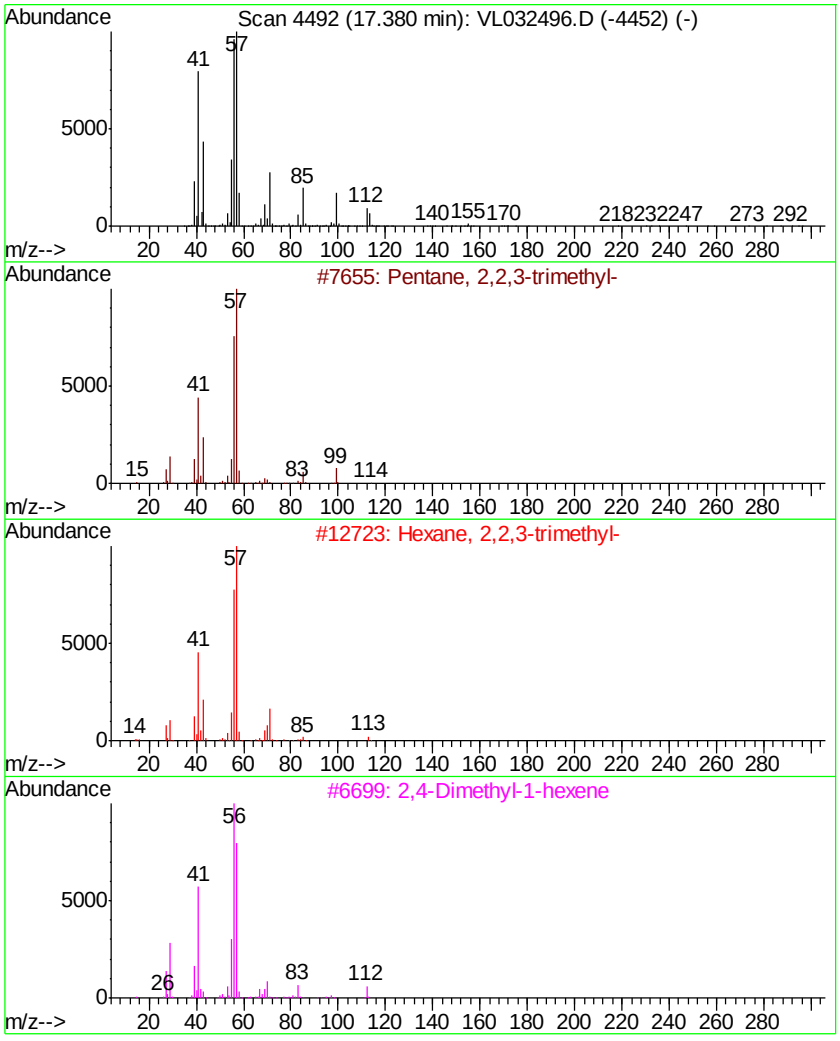
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

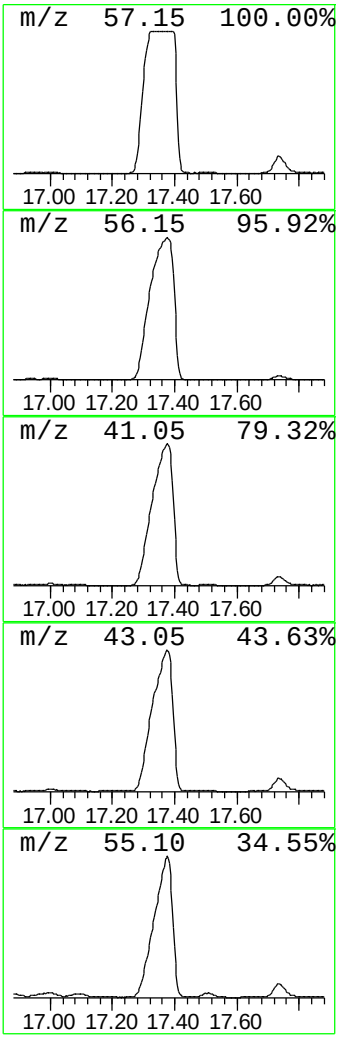
****

Peak Number 7 Pentane, 2,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	203.17 ppbv	232837000	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	53
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53
3	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	49
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	46
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	46





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

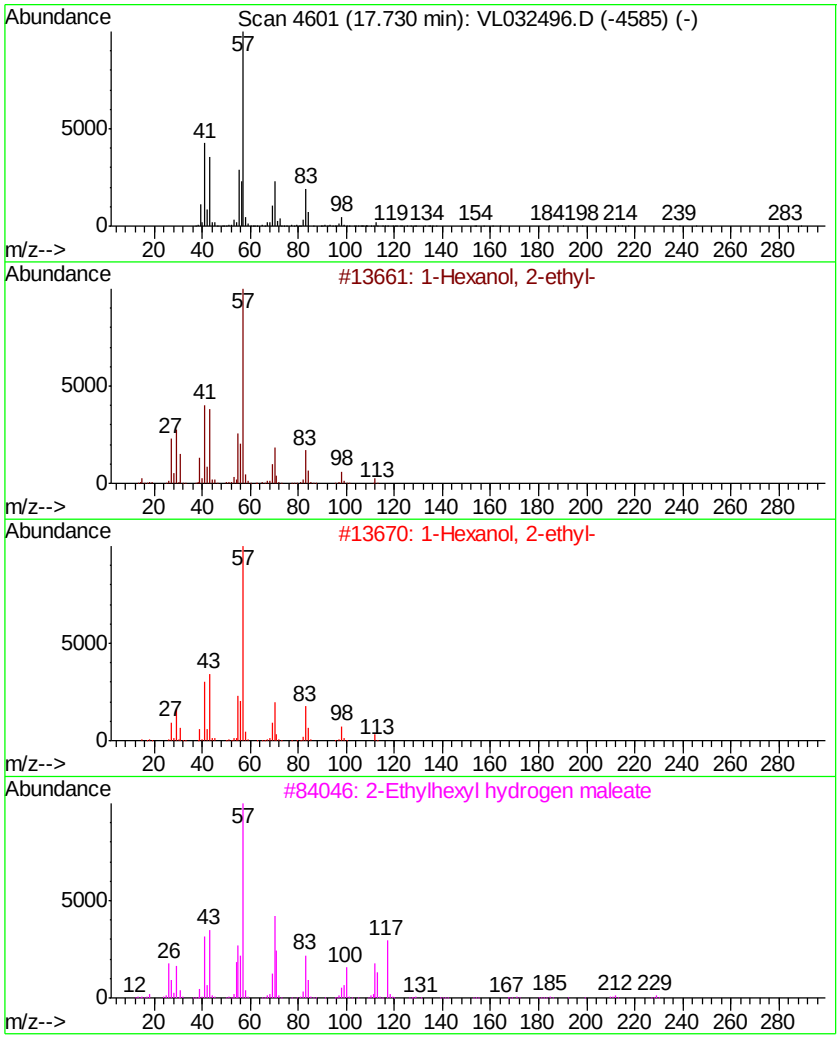
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

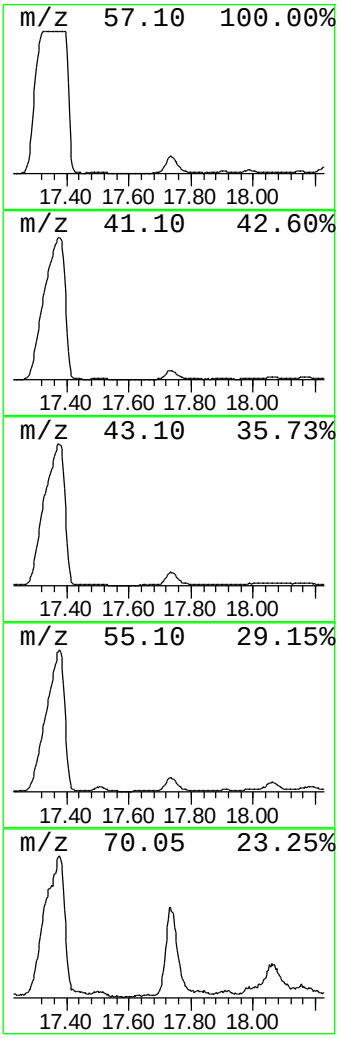
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	7.94 ppbv	9102420	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	53
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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

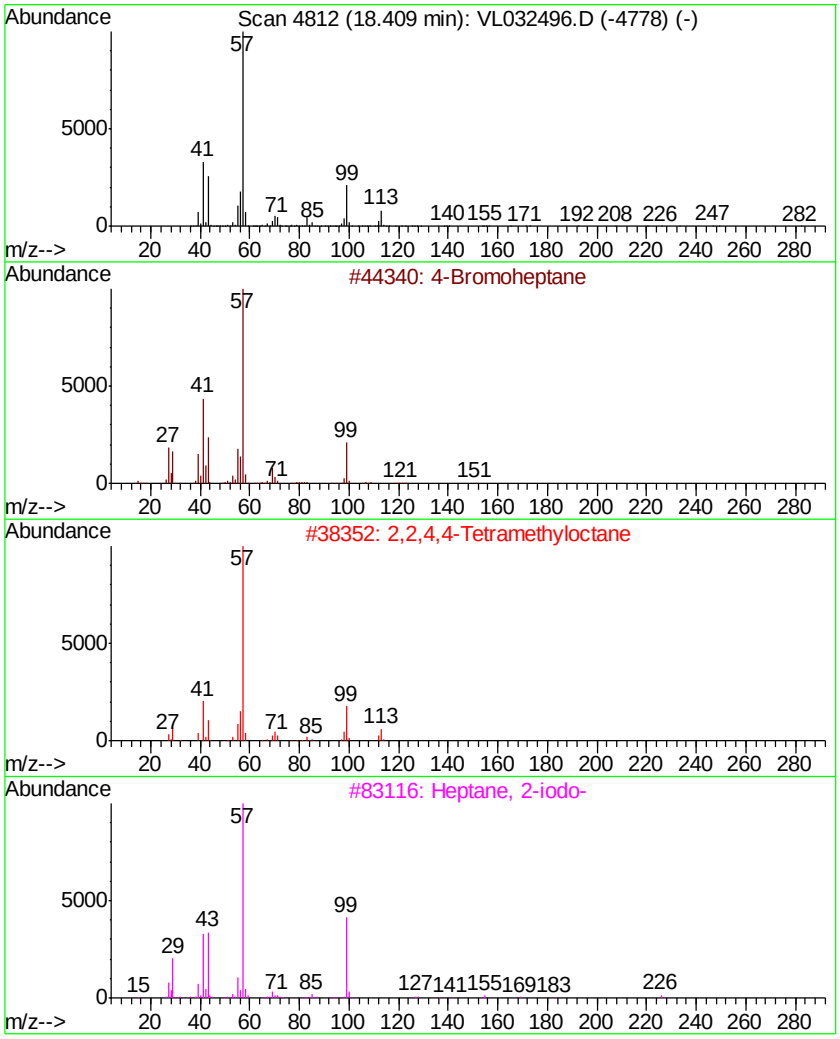
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

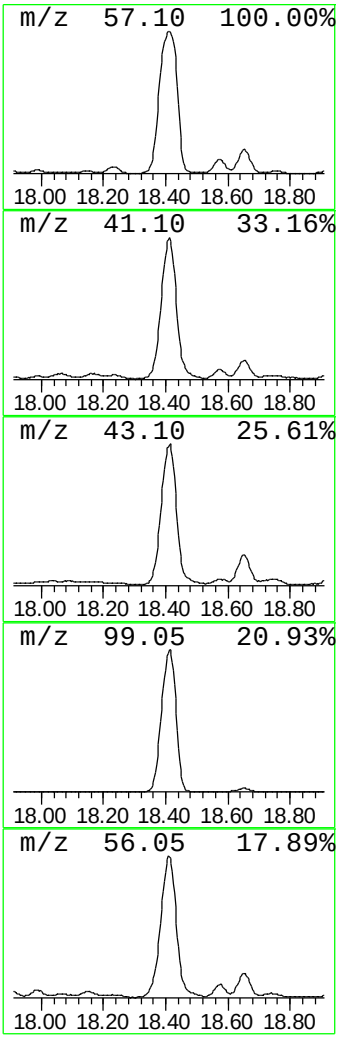
****

Peak Number 9 4-Bromoheptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	72.99 ppbv	83648700	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromoheptane	178	C7H15Br	000998-93-6	64
2	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	64
3	Heptane, 2-iodo-	226	C7H15I	018589-29-2	50
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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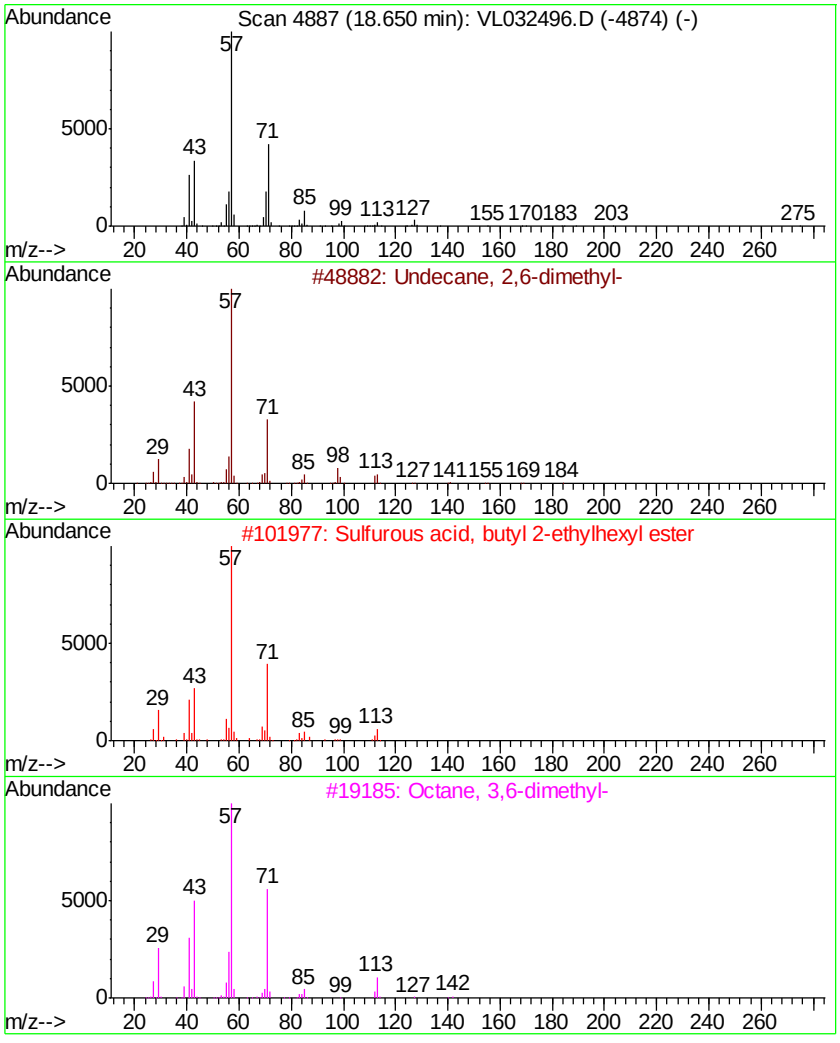
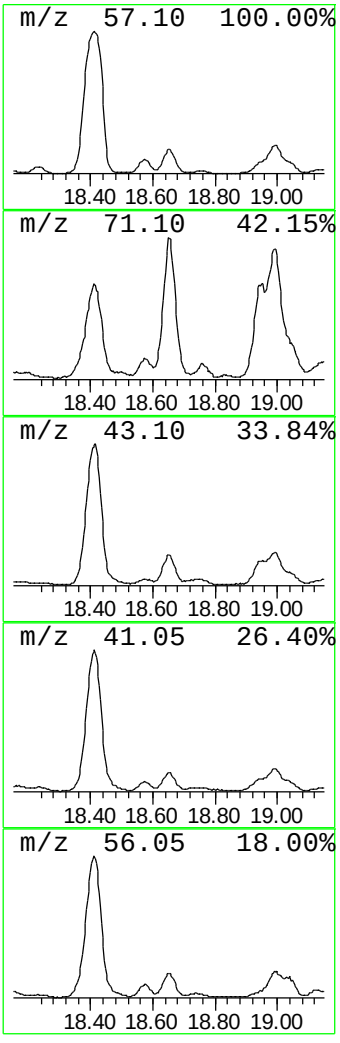
Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	7.85 ppbv	8999100	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	56
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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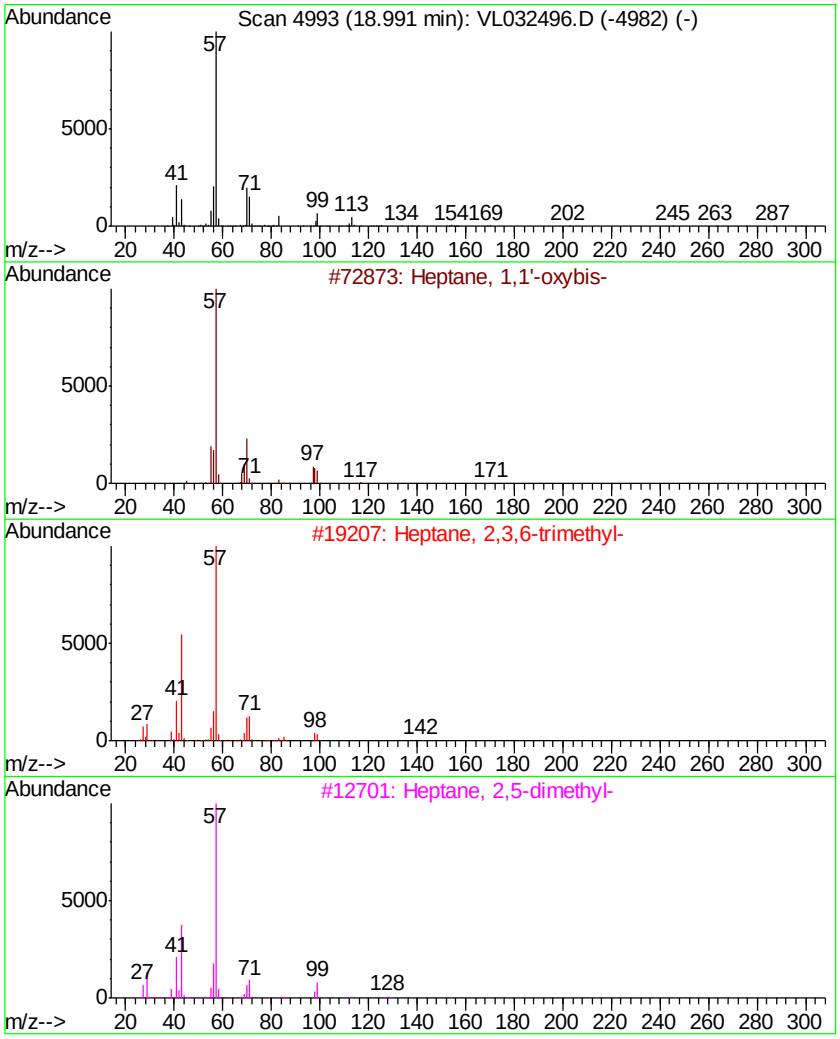
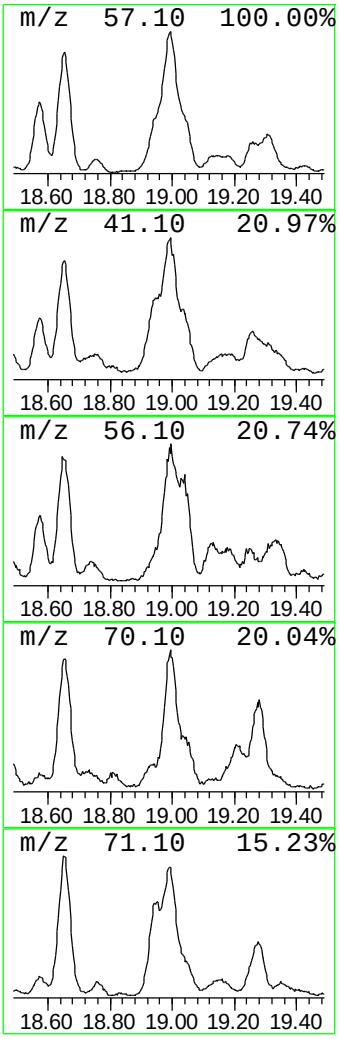
Peak Number 11 unknown18.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	15.99 ppbv	18327800	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	42
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	40
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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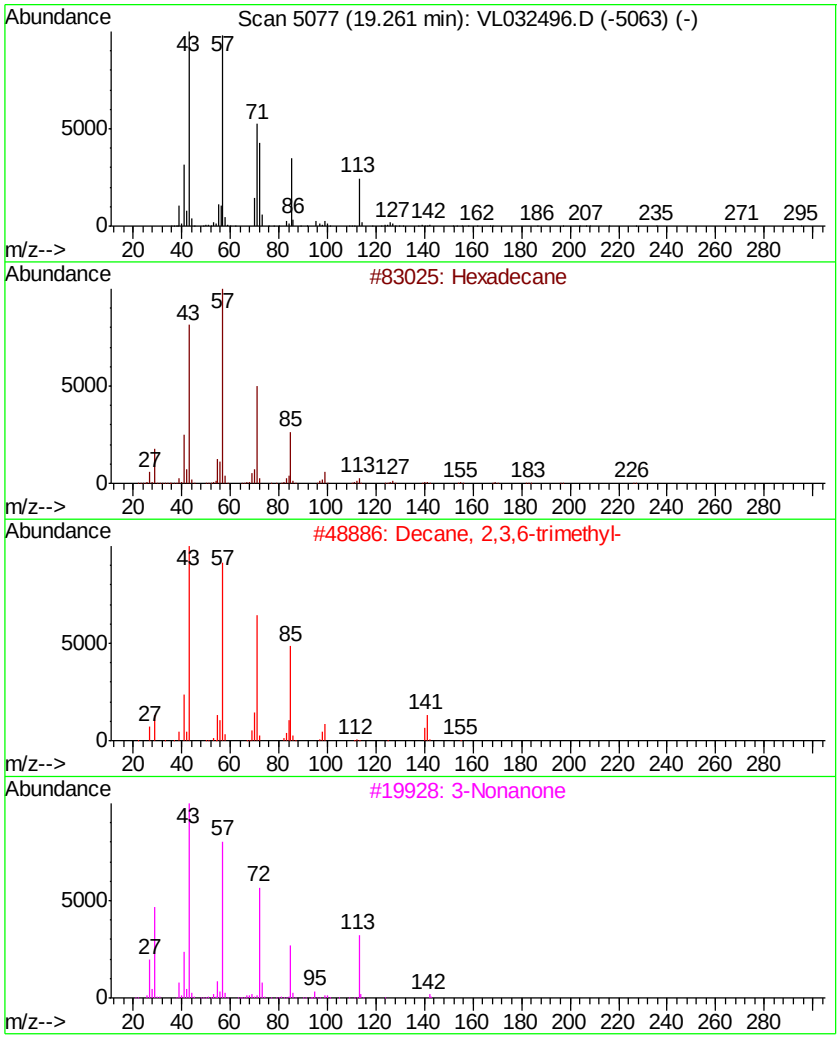
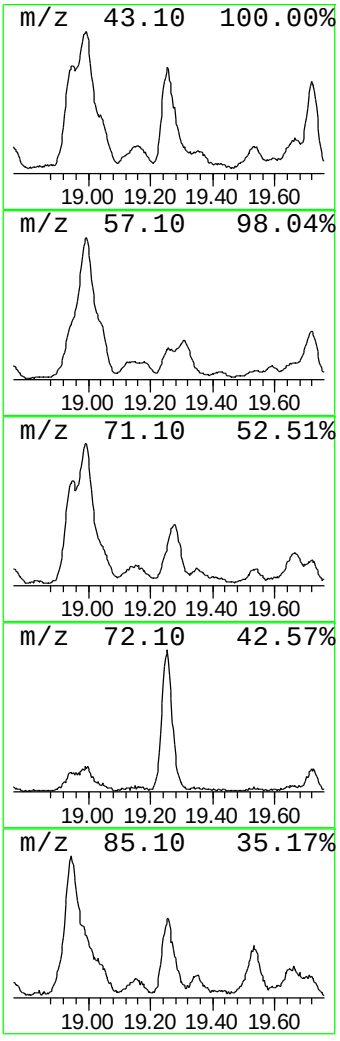
Peak Number 12 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	6.97 ppbv	7991180	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	50
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
3	3-Nonanone	142	C9H18O	000925-78-0	46
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5	3-Nonanone	142	C9H18O	000925-78-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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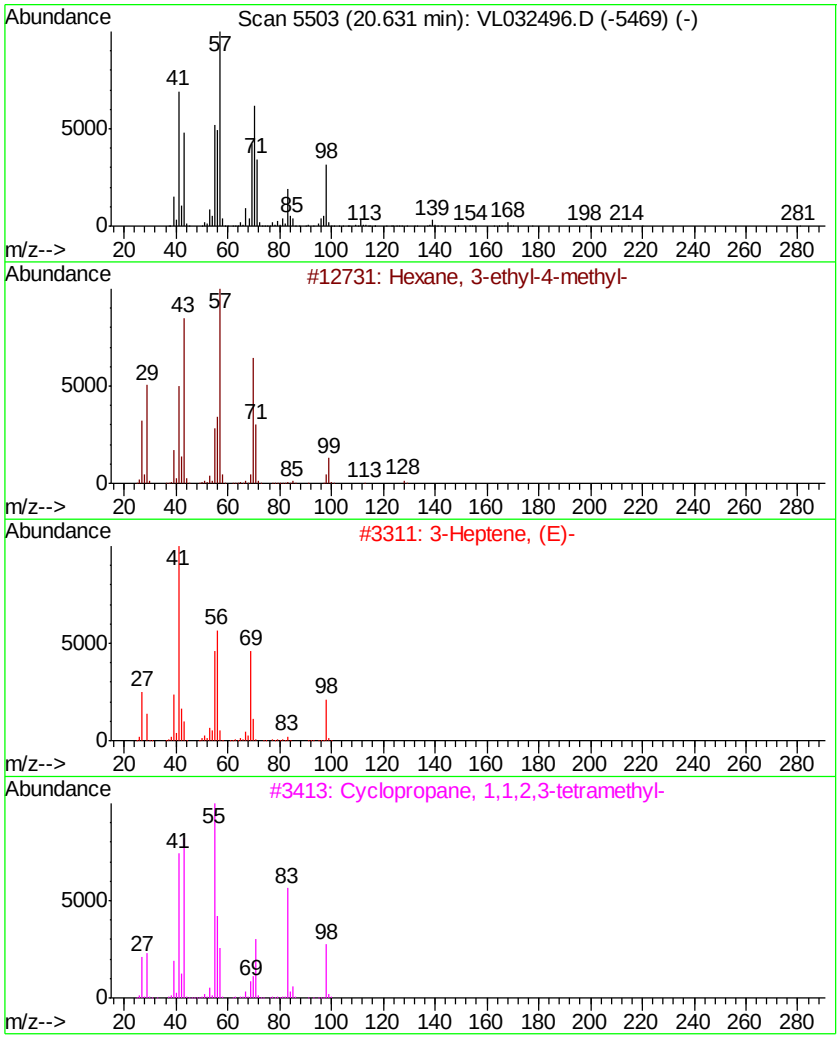
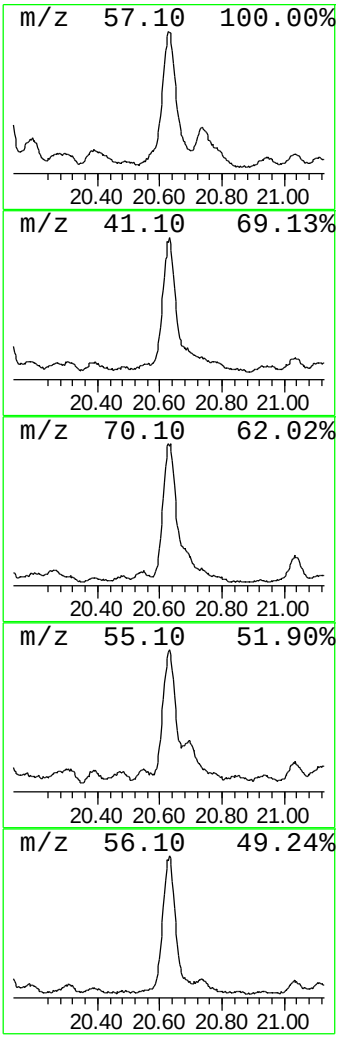
Peak Number 13 unknown20.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	15.92 ppbv	18240500	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	47
2	3-Heptene, (E)-	98	C7H14	014686-14-7	46
3	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	46
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38
5	Cyclobutanone, 2-ethyl-	98	C6H10O	010374-14-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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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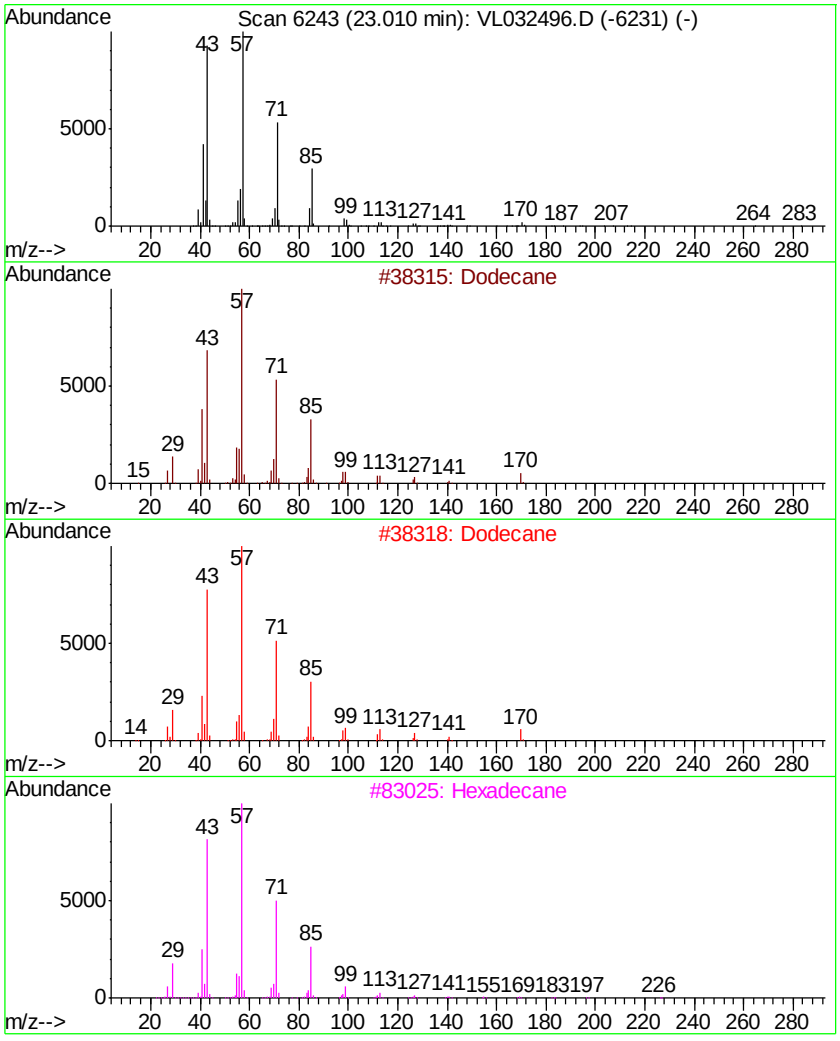
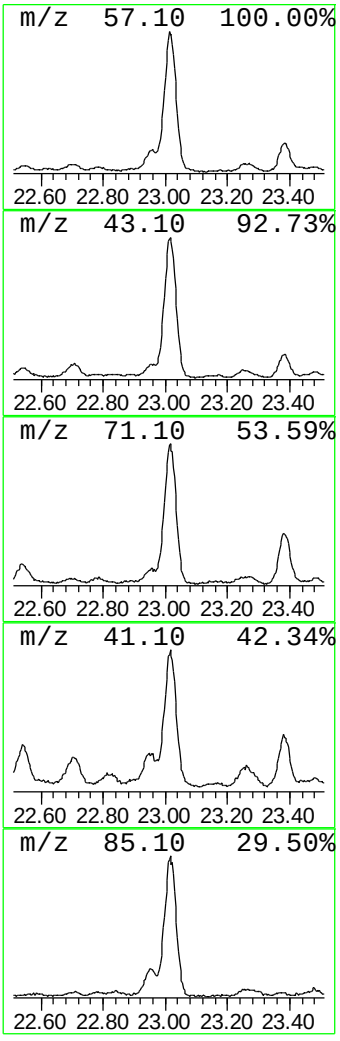
Peak Number 15 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	9.67 ppbv	11087700	Chlorobenzene-d5	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Dodecane	170	C12H26	000112-40-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane	170	C12H26	000112-40-3	86
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032496.D
Acq On : 11 Sep 2018 2:41
Operator : SY/AP
Sample : J4820-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 253-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-Propene, 2-methyl-	3.37	22.4	ppbv	19962300	1	5.82	8922310	10.0
Cyclopropane, ethyl-	4.10	14.9	ppbv	13318700	1	5.82	8922310	10.0
Pentanal	7.64	12.0	ppbv	11566500	2	7.35	9633600	10.0
Octanal	16.83	7.6	ppbv	8743900	3	12.29	11460300	10.0
Pentane, 2,2,3-tr...	17.38	203.2	ppbv	232837000	3	12.29	11460300	10.0
1-Hexanol, 2-ethyl-	17.73	7.9	ppbv	9102420	3	12.29	11460300	10.0
4-Bromoheptane	18.41	73.0	ppbv	83648700	3	12.29	11460300	10.0
Undecane, 2,6-dim...	18.65	7.8	ppbv	8999100	3	12.29	11460300	10.0
unknown18.99	18.99	16.0	ppbv	18327800	3	12.29	11460300	10.0
Hexadecane	19.26	7.0	ppbv	7991180	3	12.29	11460300	10.0
unknown20.63	20.63	15.9	ppbv	18240500	3	12.29	11460300	10.0
Dodecane	23.01	9.7	ppbv	11087700	3	12.29	11460300	10.0