LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.225	37	42	47	rVB	62873	53599	1.79%	0.218%
2	1.315	61	70	81	rBV	403099	431882	14.39%	1.757%
3	1.582	146	153	164	rBV	182070	208489	6.95%	0.848%
4	1.647	165	173	185	rVB	282815	348813	11.62%	1.419%
5	1.823	222	228	240	rVB3	36275	64944	2.16%	0.264%
6	2.042	288	296	307	rVB	126509	175509	5.85%	0.714%
7	2.126	313	322	339	rVB	333996	481192	16.03%	1.957%
8	2.502	429	439	446	rBV3	69753	138259	4.61%	0.562%
9	2.550	447	454	462	rVV	97642	191921	6.39%	0.781%
10	2.598	462	469	481	rVB	150735	257356	8.57%	1.047%
11	2.785	514	527	540	rBV	90330	179549	5.98%	0.730%
12	3.306	677	689	701	rBV2	23800	46998	1.57%	0.191%
13	3.621	777	787	800	rVB6	22023	49304	1.64%	0.201%
14	3.804	825	844	861	rBV	241022	614198	20.46%	2.498%
15	3.965	881	894	931	rBV2	147993	729322	24.30%	2.967%
16	4.399	1013	1029	1050	rBV	295540	736208	24.53%	2.995%
17	4.505	1054	1062	1073	rVB4	18602	37871	1.26%	0.154%
18	4.720	1113	1129	1146	rBV3	219776	535600	17.84%	2.179%
19	4.810	1146	1157	1167	rVB7	13921	35632	1.19%	0.145%
20	4.952	1185	1201	1204	rBV5	32462	61543	2.05%	0.250%
21	5.093	1228	1245	1252	rBV2	715351	1631762	54.36%	6.638%
22	5.145	1252	1261	1276	rVB	1425236	3001675	100.00%	12.210%
23	5.219	1278	1284	1292	rVB3	32818	44914	1.50%	0.183%
24	5.367	1318	1330	1344	rVB3	105085	233288	7.77%	0.949%
25	5.663	1408	1422	1440	rBV	452535	940691	31.34%	3.827%
26	6.116	1550	1563	1572	rBV	399540	834151	27.79%	3.393%
27	6.171	1574	1580	1599	rVB2	258053	521815	17.38%	2.123%
28	6.405	1641	1653	1666	rVB3	45065	81928	2.73%	0.333%
29	6.505	1674	1684	1696	rBV3	19522	39215	1.31%	0.160%
30	6.675	1727	1737	1750	rVB8	28096	58548	1.95%	0.238%
31	6.843	1774	1789	1797	rBV2	26346	51943	1.73%	0.211%
32	7.026	1832	1846	1864	rBV	199109	380171	12.67%	1.546%
33	7.209	1893	1903	1917	rVB3	45556	89384	2.98%	0.364%
34	7.306	1920	1933	1938	rBV2	61467	109440	3.65%	0.445%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

35	7.357	1938	1949	1965	rVV	791954	1392709	46.40%	5.665%
36	7.431	1965	1972	1981	rVV	37542	60996	2.03%	0.248%
37	7.550	2004	2009	2018	rVB9	19476	32467	1.08%	0.132%
38	7.662	2035	2044	2051	rBV	104673	179478	5.98%	0.730%
39	7.826	2078	2095	2105	rBV4	29494	62735	2.09%	0.255%
40	8.135	2180	2191	2223	rBV2	727860	1635481	54.49%	6.653%
41	8.273	2227	2234	2242	rVV8	35839	71593	2.39%	0.291%
42	8.328	2242	2251	2261	rVV	58353	103568	3.45%	0.421%
43	8.392	2261	2271	2281	rVB4	30604	62876	2.09%	0.256%
44	8.550	2311	2320	2330	rVB4	16651	30809	1.03%	0.125%
45	8.894	2415	2427	2445	rBV	712688	1182664	39.40%	4.811%
46	9.055	2469	2477	2489	rVB	48870	81472	2.71%	0.331%
47	9.183	2509	2517	2530	rVV	96233	167623	5.58%	0.682%
48	9.746	2684	2692	2702	rVB6	20405	31408	1.05%	0.128%
49	9.971	2752	2762	2774	rBV	81874	134338	4.48%	0.546%
50	10.257	2841	2851	2868	rBV	286467	466213	15.53%	1.896%
51	10.395	2880	2894	2908	rBV	135846	231991	7.73%	0.944%
52	10.514	2922	2931	2940	rBV	50017	76424	2.55%	0.311%
53	10.778	3005	3013	3021	rBV	30423	50267	1.67%	0.204%
54	11.289	3161	3172	3187	rBV	856050	1312970	43.74%	5.341%
55	11.572	3247	3260	3277	rBV	403770	716731	23.88%	2.916%
56	11.666	3277	3289	3310	rVV	834056	1332862	44.40%	5.422%
57	12.058	3401	3411	3417	rBV	132594	195607	6.52%	0.796%
58	12.157	3431	3442	3463	rBV	201490	360422	12.01%	1.466%
59	12.456	3526	3535	3545	rVB	80547	119337	3.98%	0.485%
60	12.592	3570	3577	3585	rBV6	23173	33772	1.13%	0.137%
61	12.768	3624	3632	3650	rVB	111508	188848	6.29%	0.768%
62	12.926	3664	3681	3691	rBV2	259491	421069	14.03%	1.713%
63	13.090	3724	3732	3743	rVB4	41880	67357	2.24%	0.274%
64	13.209	3759	3769	3776	rBV5	22073	37861	1.26%	0.154%
65	13.257	3776	3784	3793	rVV	42614	71390	2.38%	0.290%
66	13.312	3793	3801	3812	rVV3	47103	75066	2.50%	0.305%
67	13.415	3826	3833	3839	rVB2	30501	41563	1.38%	0.169%
68	13.550	3866	3875	3884	rBV	76597	121173	4.04%	0.493%
69	14.132	4048	4056	4065	rBV	16356	35075	1.17%	0.143%

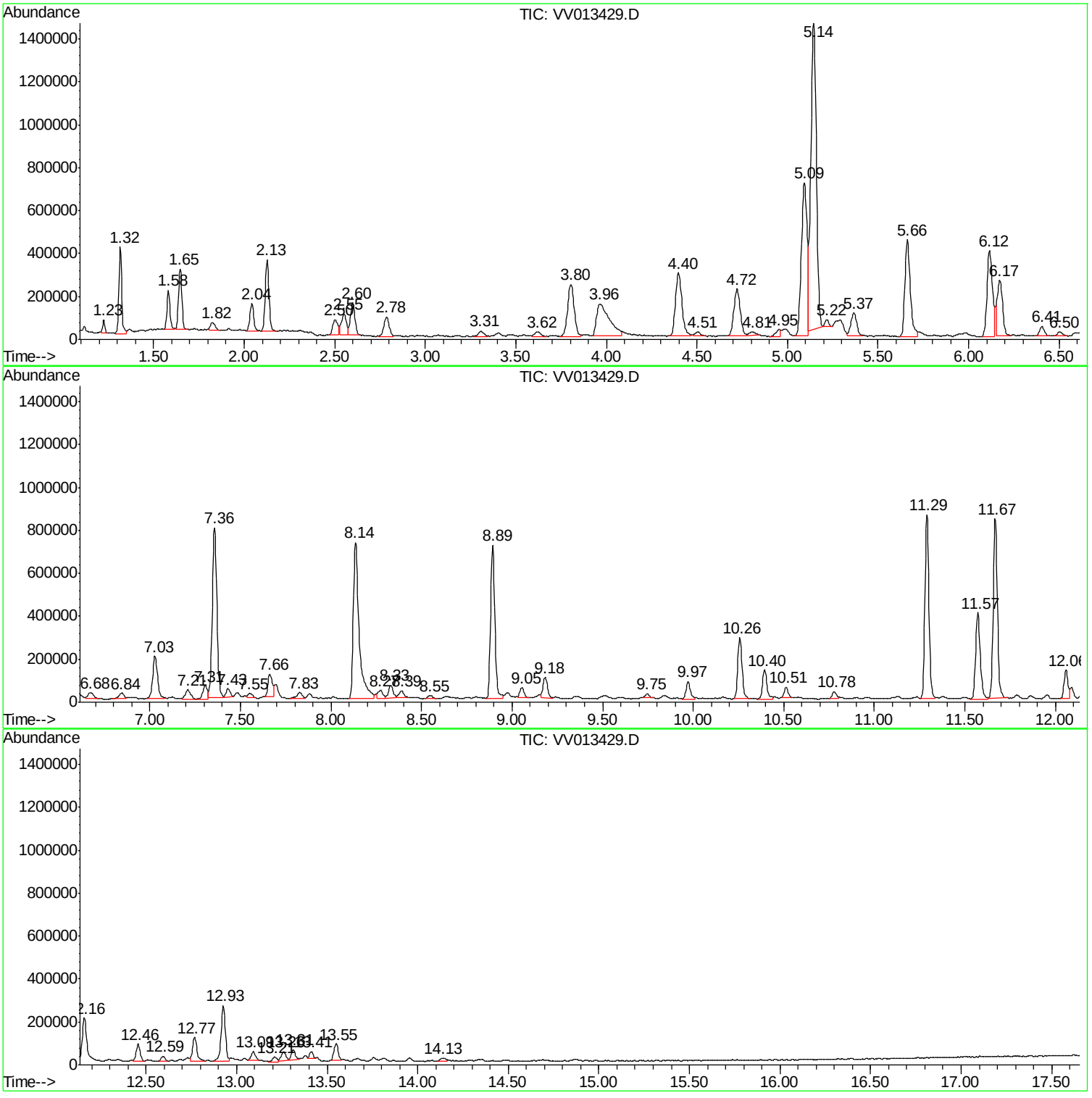
Sum of corrected areas: 24583329

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
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Quant Title : TRACE VOA SOM01.0

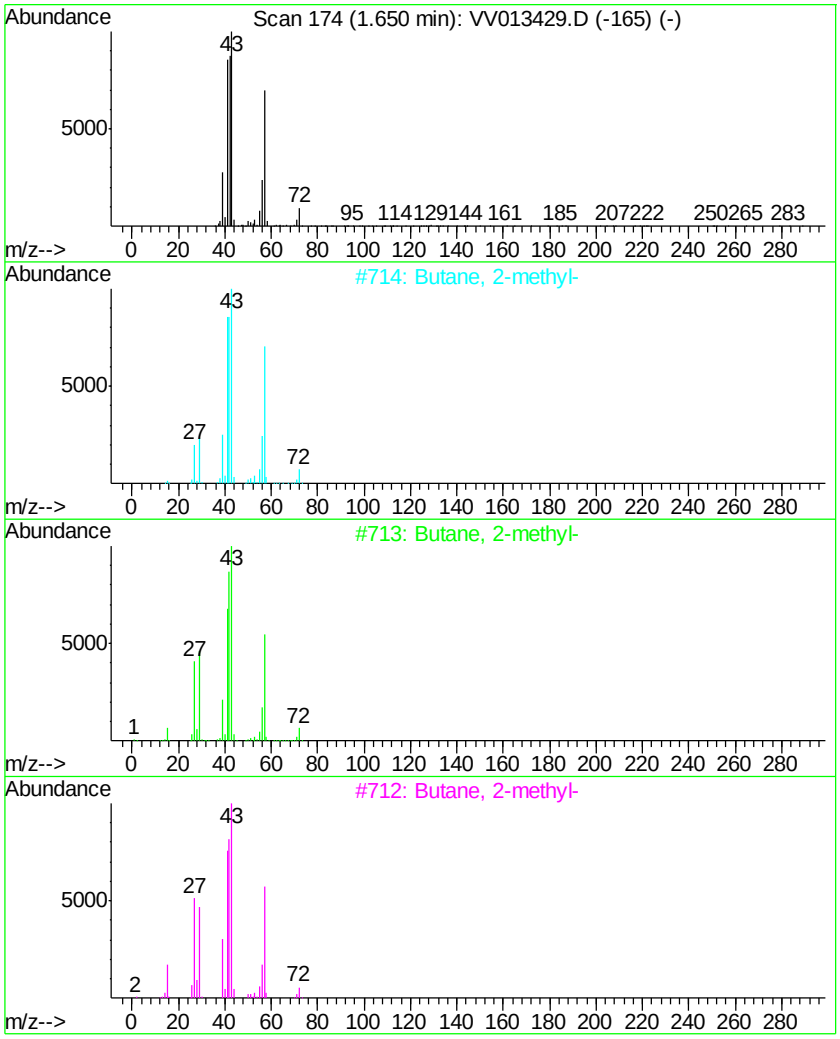
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

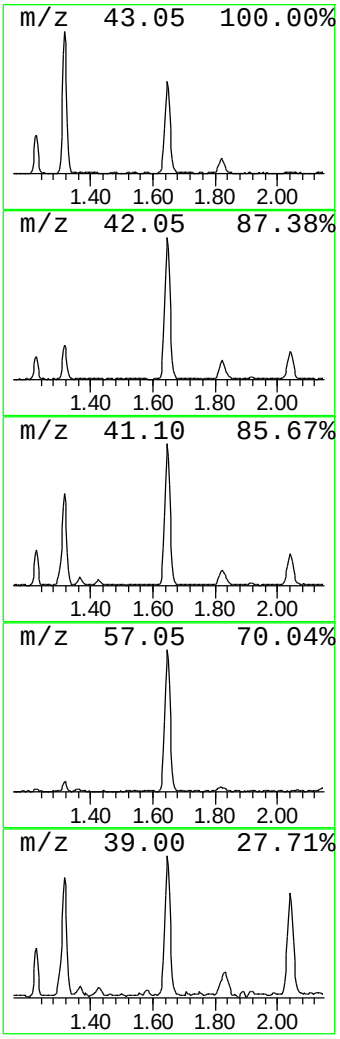
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	1.85 ug/L	348813	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Pentane	72	C5H12	000109-66-0	37
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	12





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

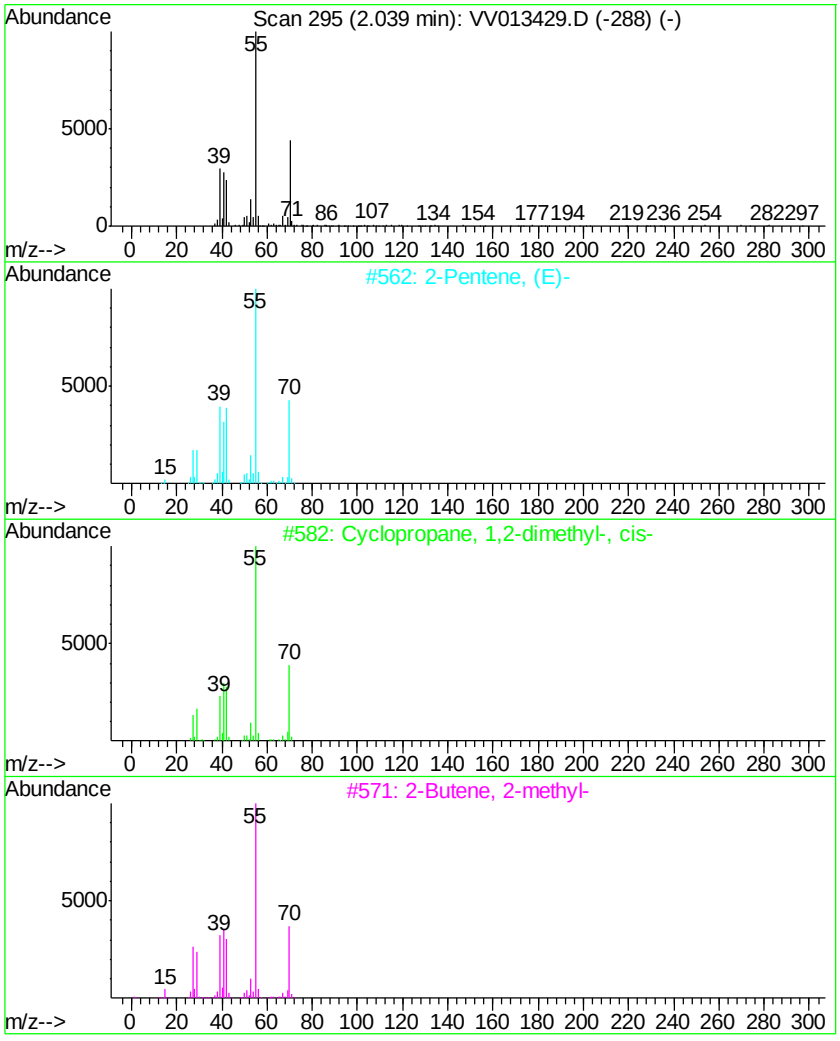
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

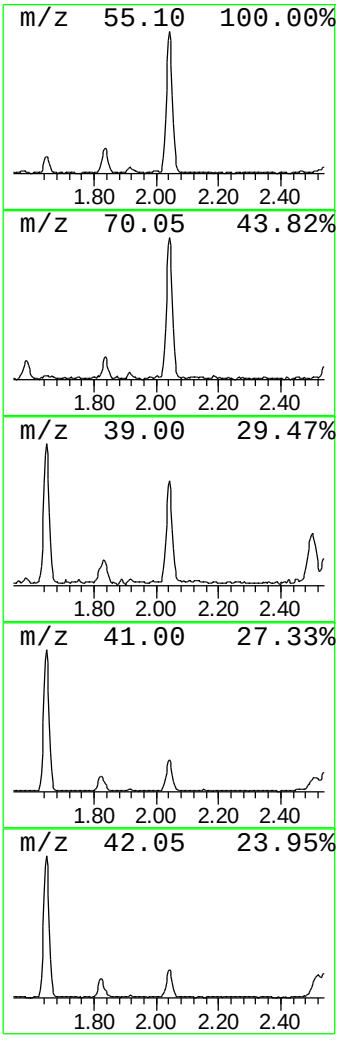
****

Peak Number 2 (DEL) Alkane: Cyclic2.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	0.93 ug/L	175509	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	87
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	83
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

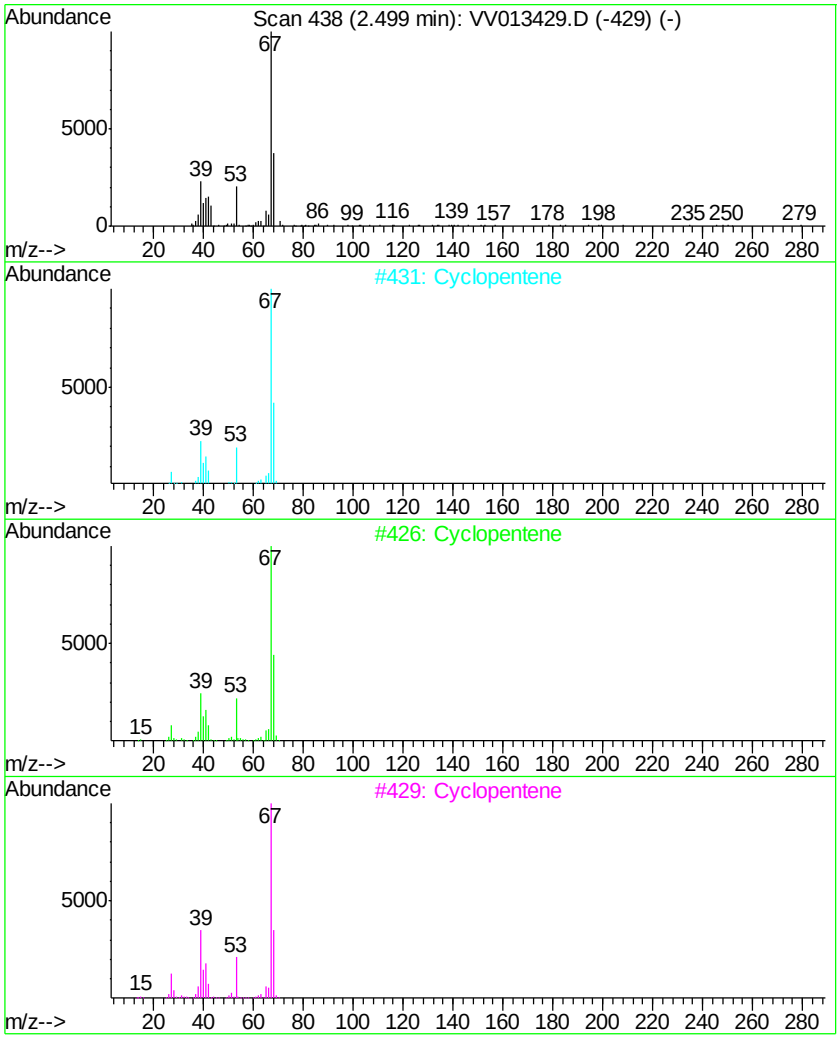
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

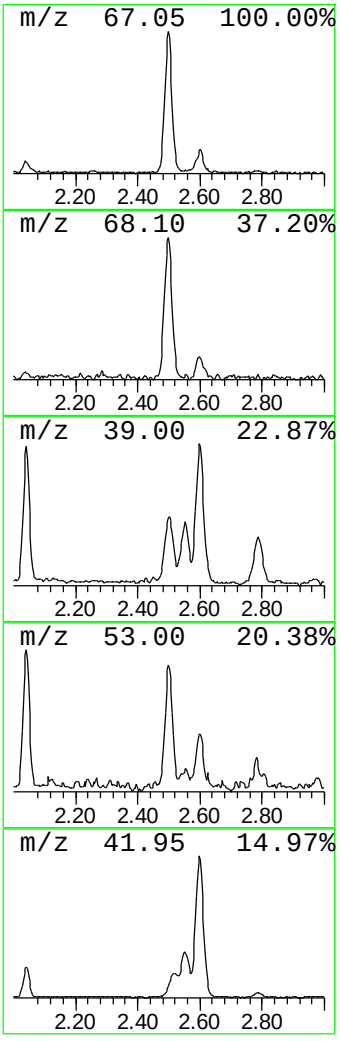
****

Peak Number 3 Cyclopentene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	0.73 ug/L	138259	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	81
2	Cyclopentene	68	C5H8	000142-29-0	72
3	Cyclopentene	68	C5H8	000142-29-0	72
4	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	72
5	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

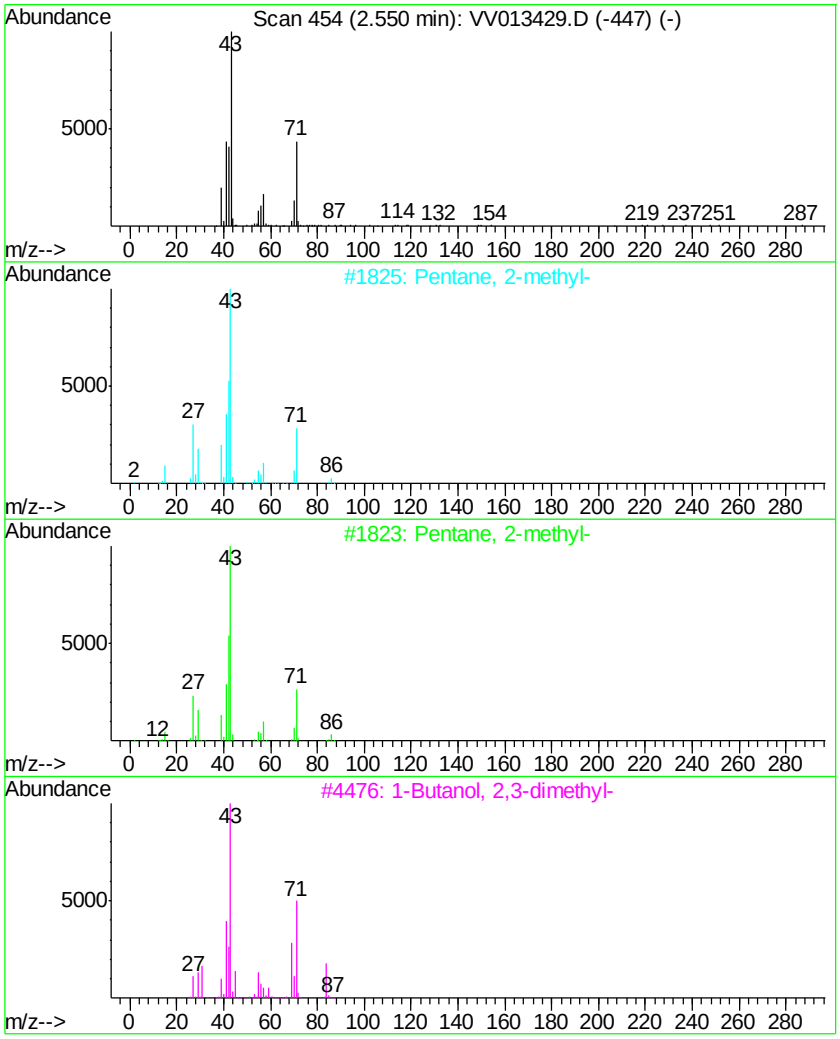
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

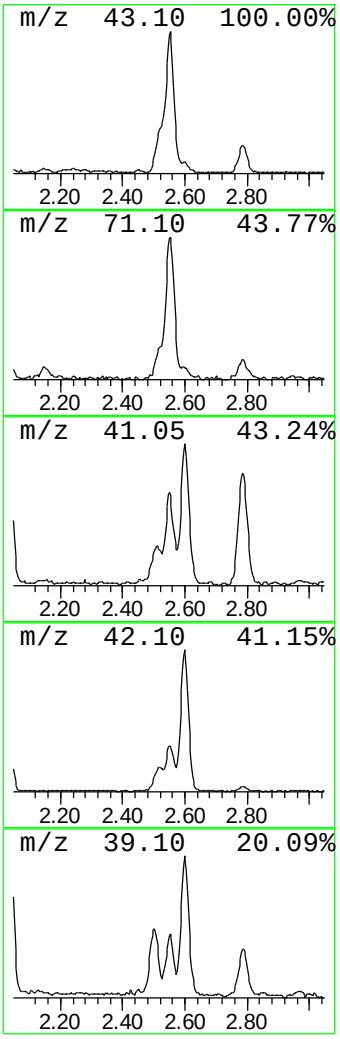
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	1.02 ug/L	191921	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	37
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

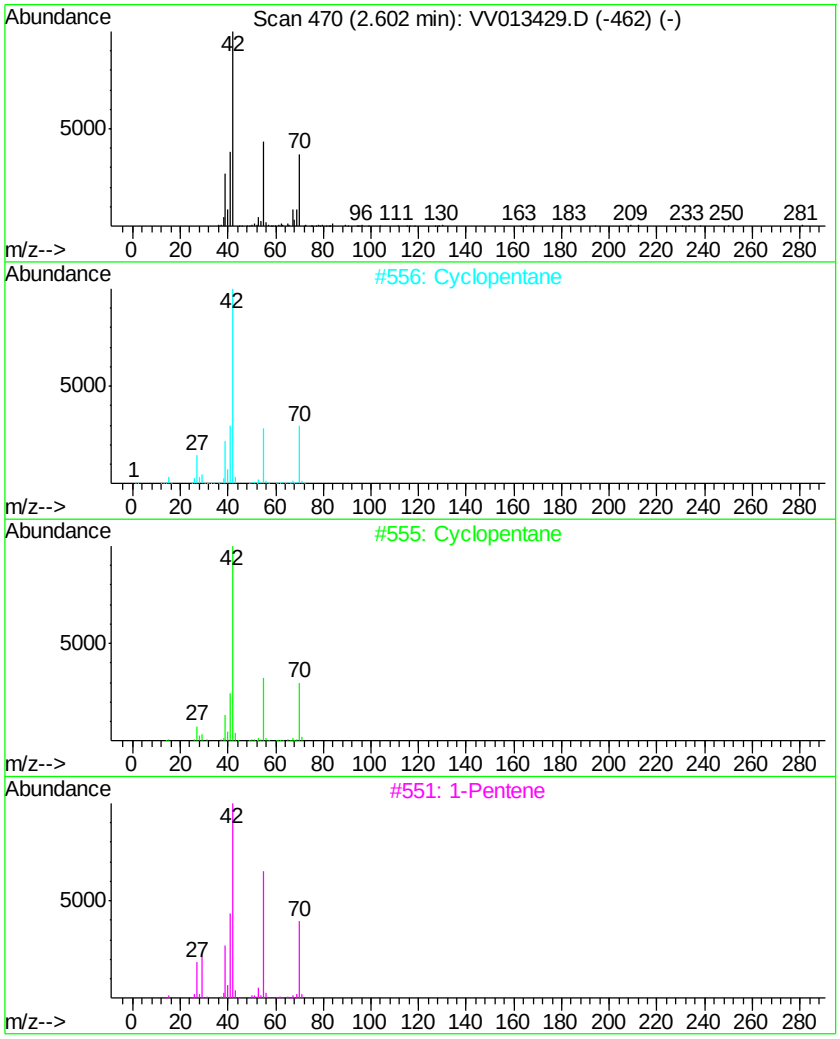
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

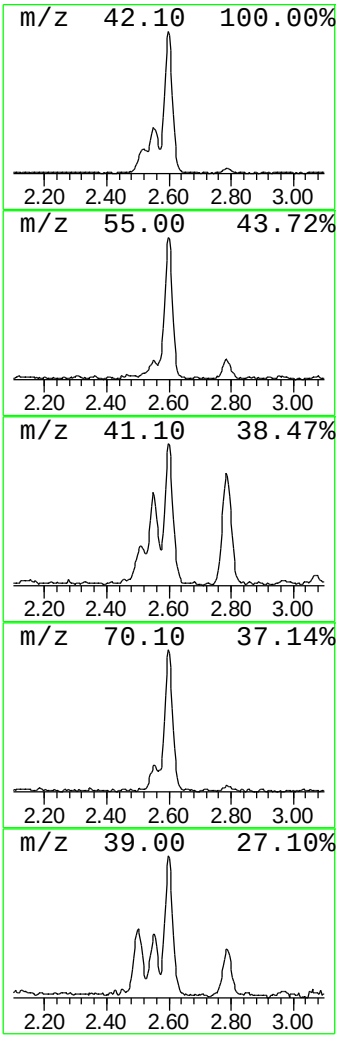
****

Peak Number 5 (DEL) Alkane: Cyclic2.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	1.37 ug/L	257356	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	Cyclopentane	70	C5H10	000287-92-3	72
3	1-Pentene	70	C5H10	000109-67-1	59
4	1-Pentene	70	C5H10	000109-67-1	59
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

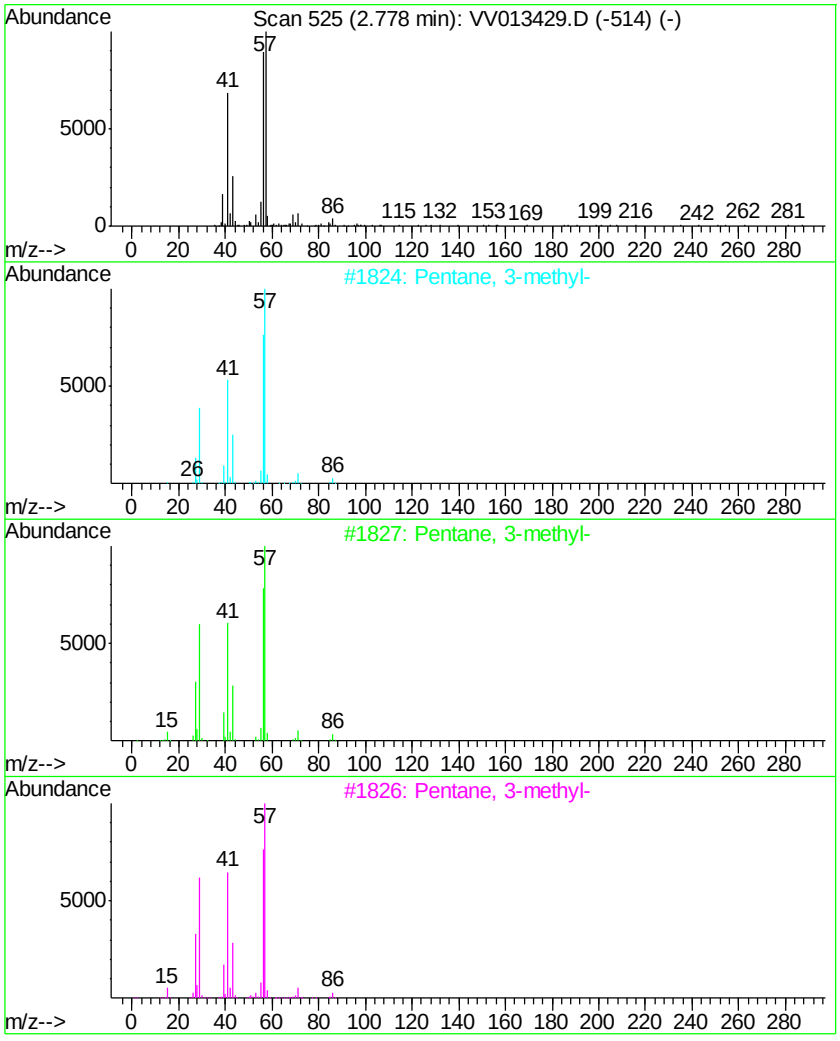
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

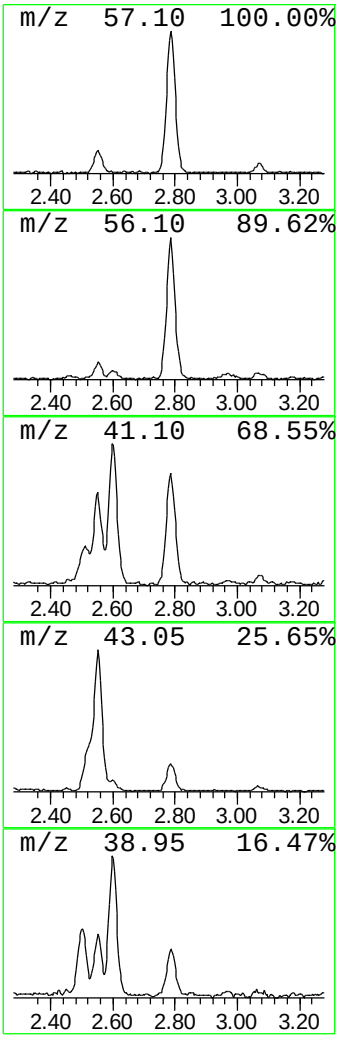
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.95 ug/L	179549	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

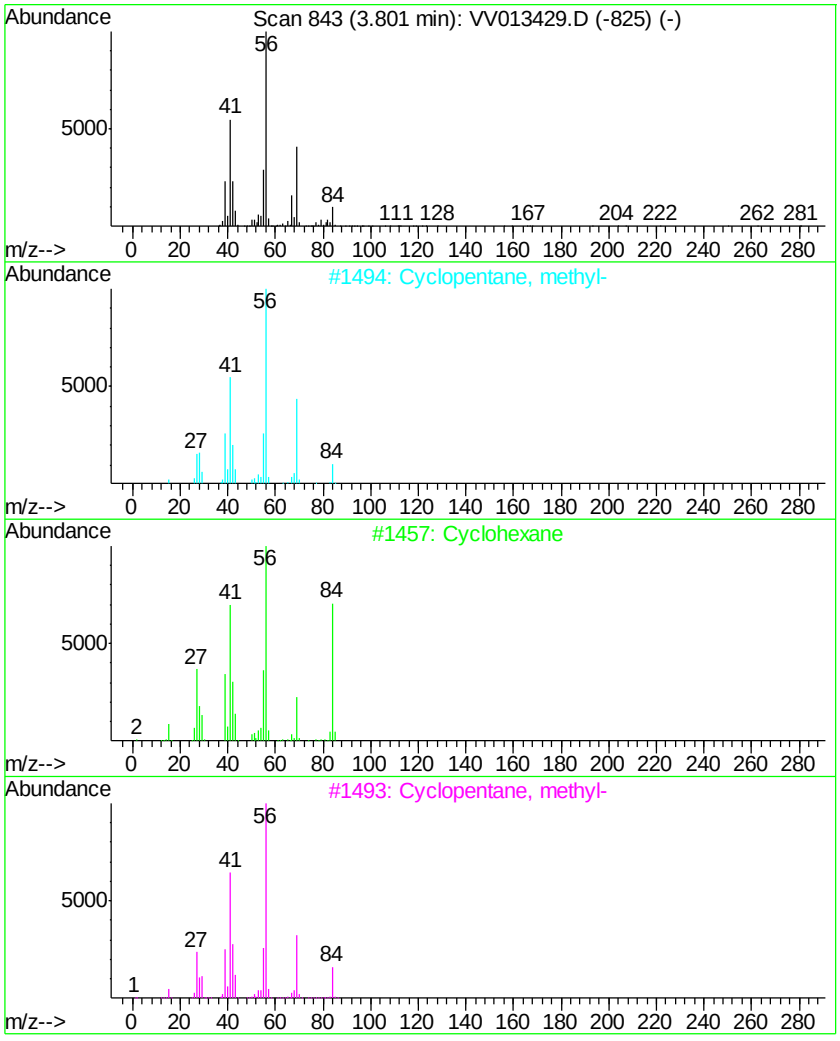
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

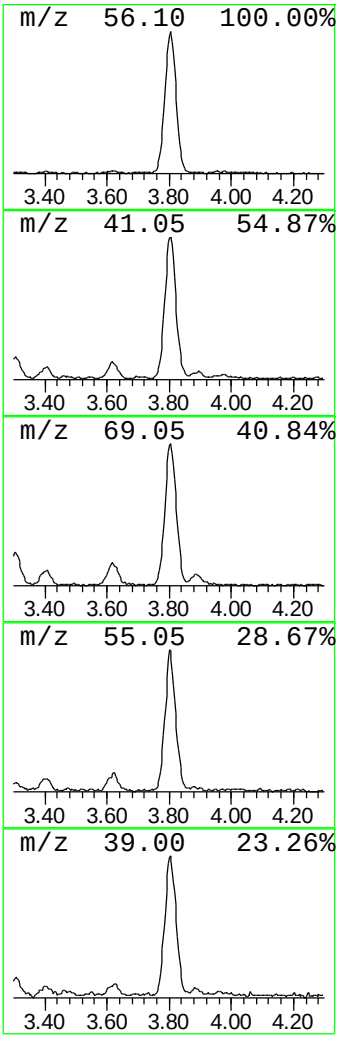
****

Peak Number 7 (DEL) Alkane: Cyclic3.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	3.26 ug/L	614198	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclohexane	84	C6H12	000110-82-7	80
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

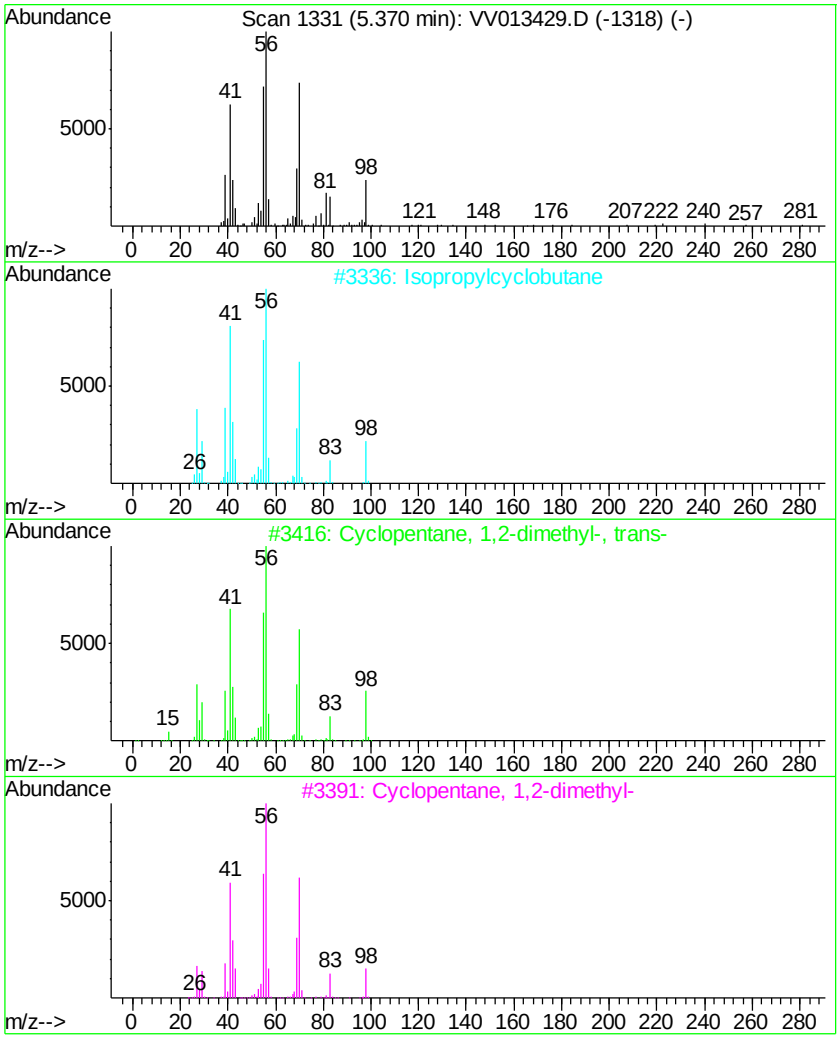
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

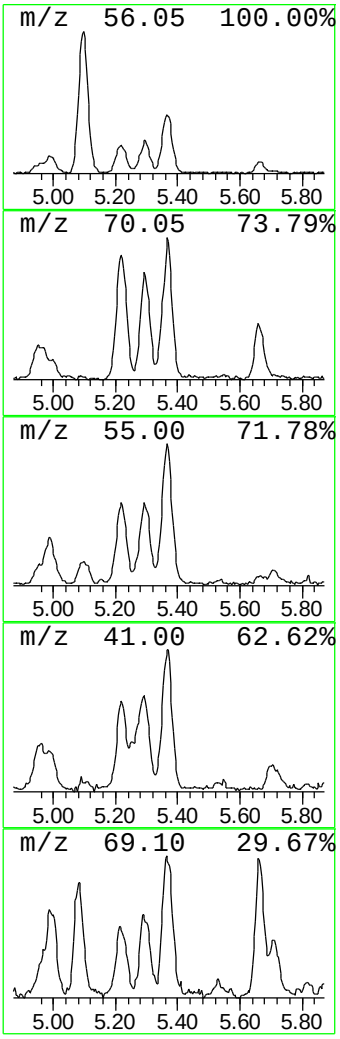
****

Peak Number 8 (DEL) Alkane: Cyclic5.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	1.24 ug/L	233288	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90





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Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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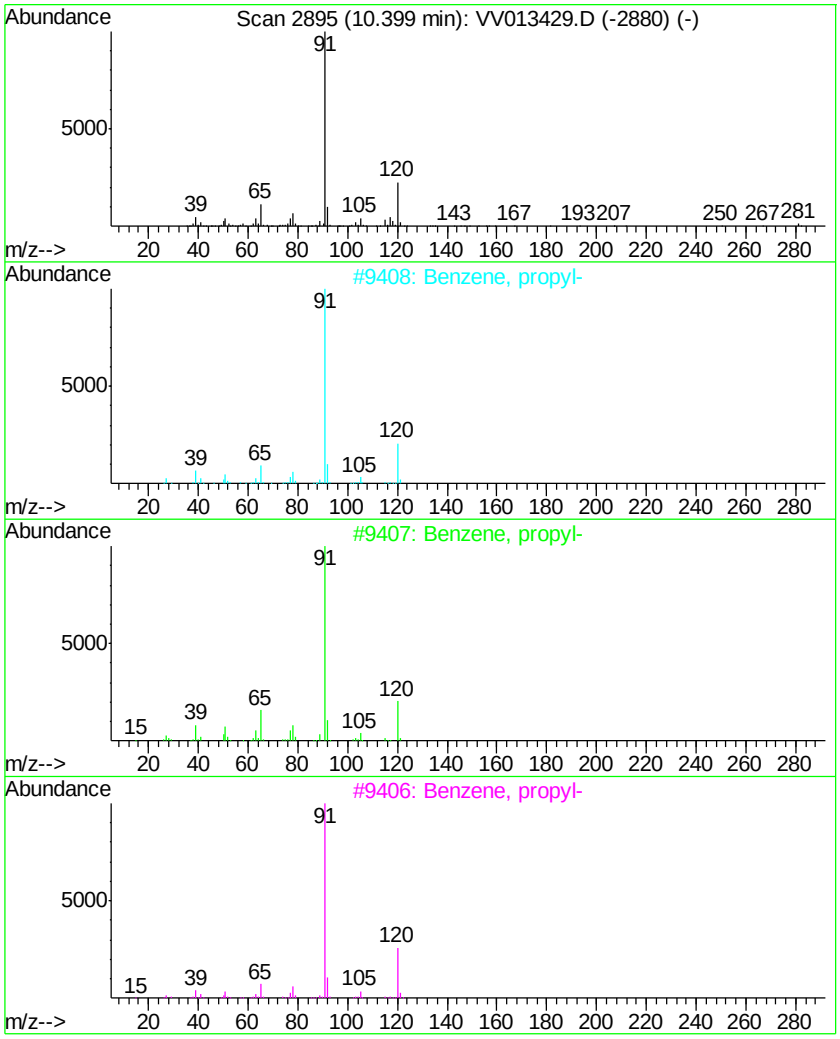
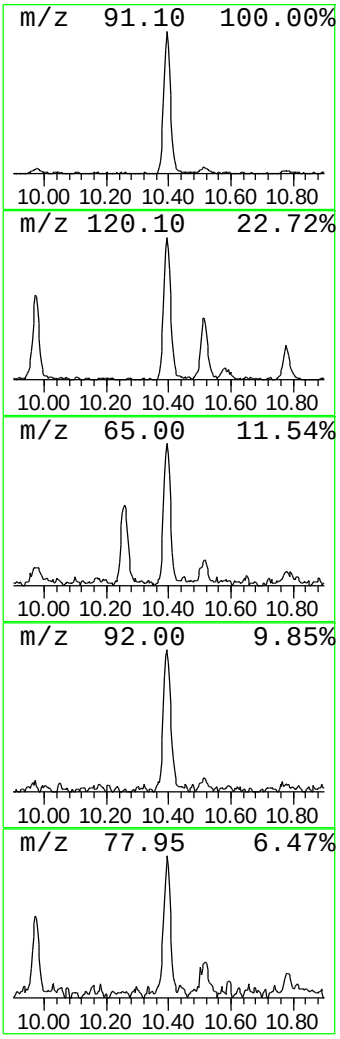
Peak Number 10 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	0.88 ug/L	231991	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59





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Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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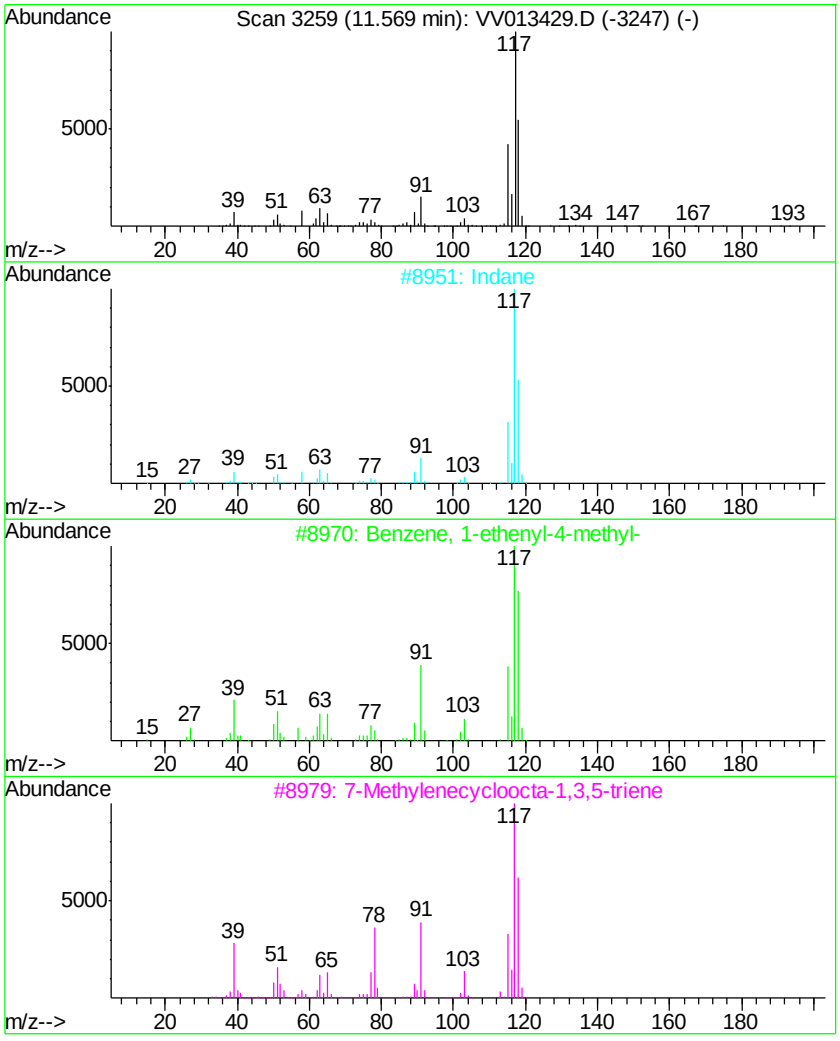
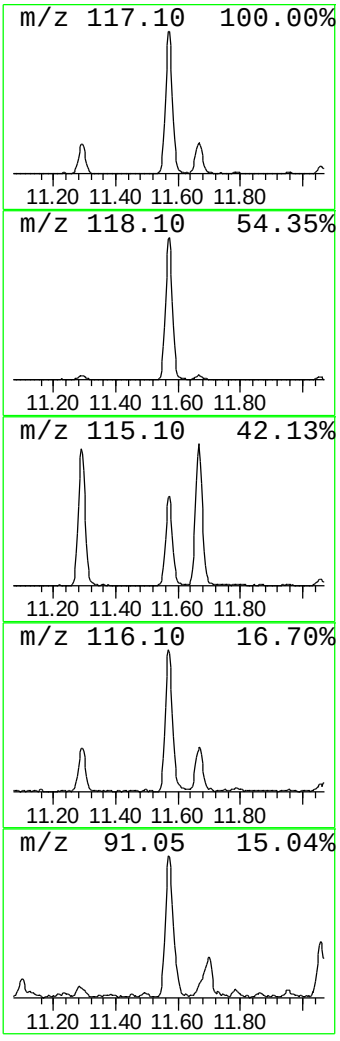
Peak Number 11 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.73 ug/L	716731	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
5	Indane	118	C9H10	000496-11-7	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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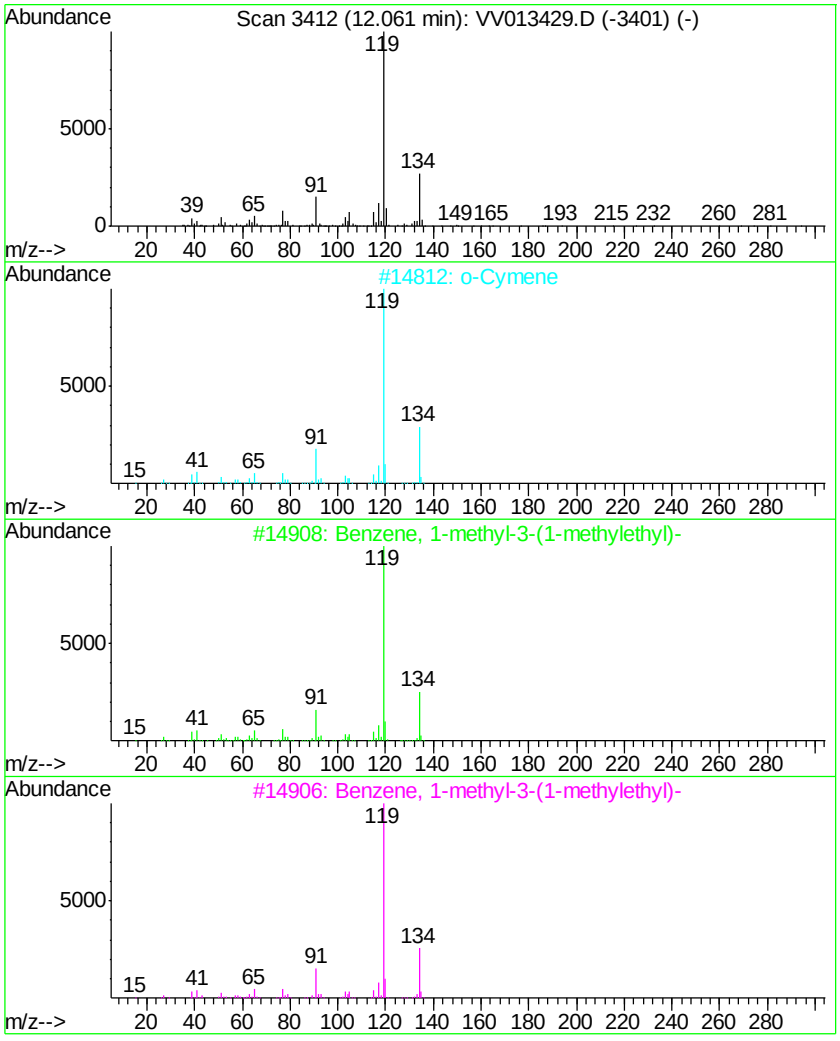
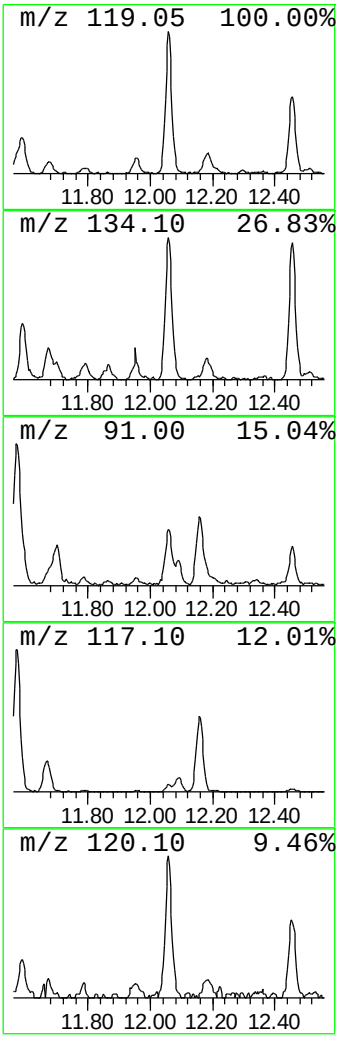
Peak Number 12 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.74 ug/L	195607	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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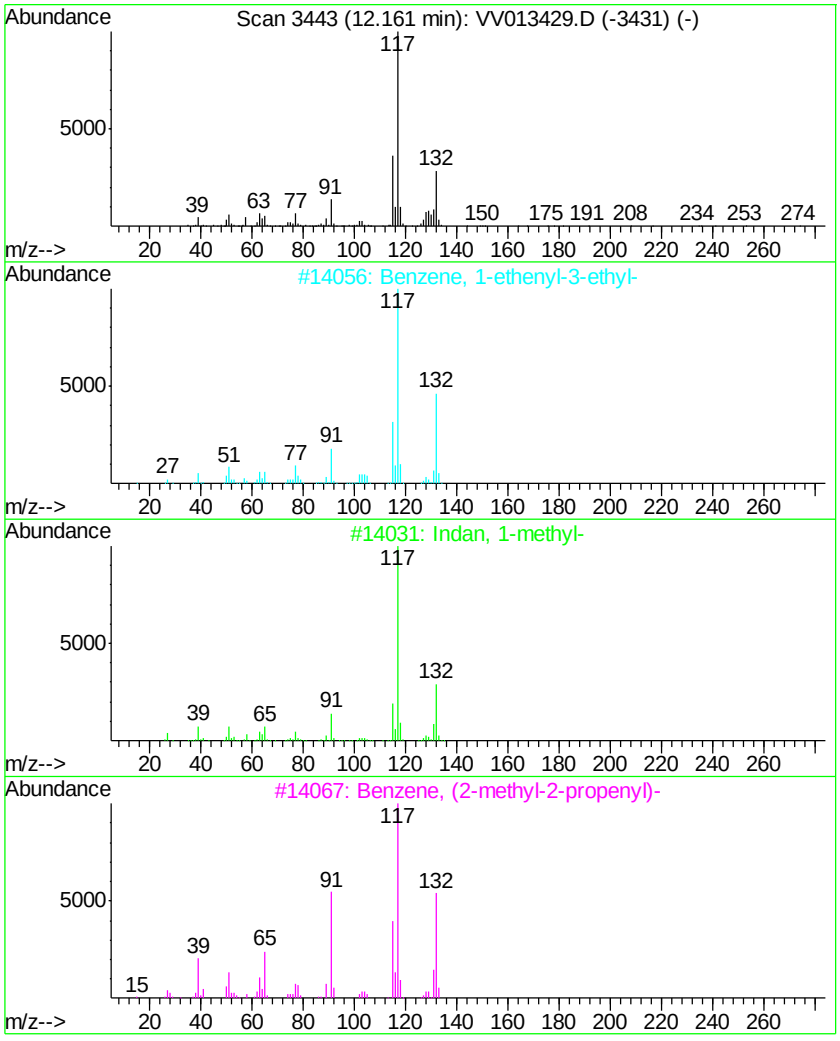
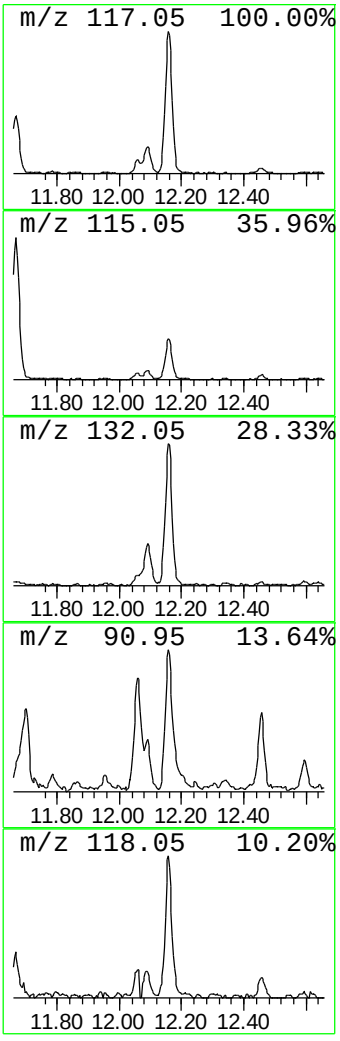
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	1.37 ug/L	360422	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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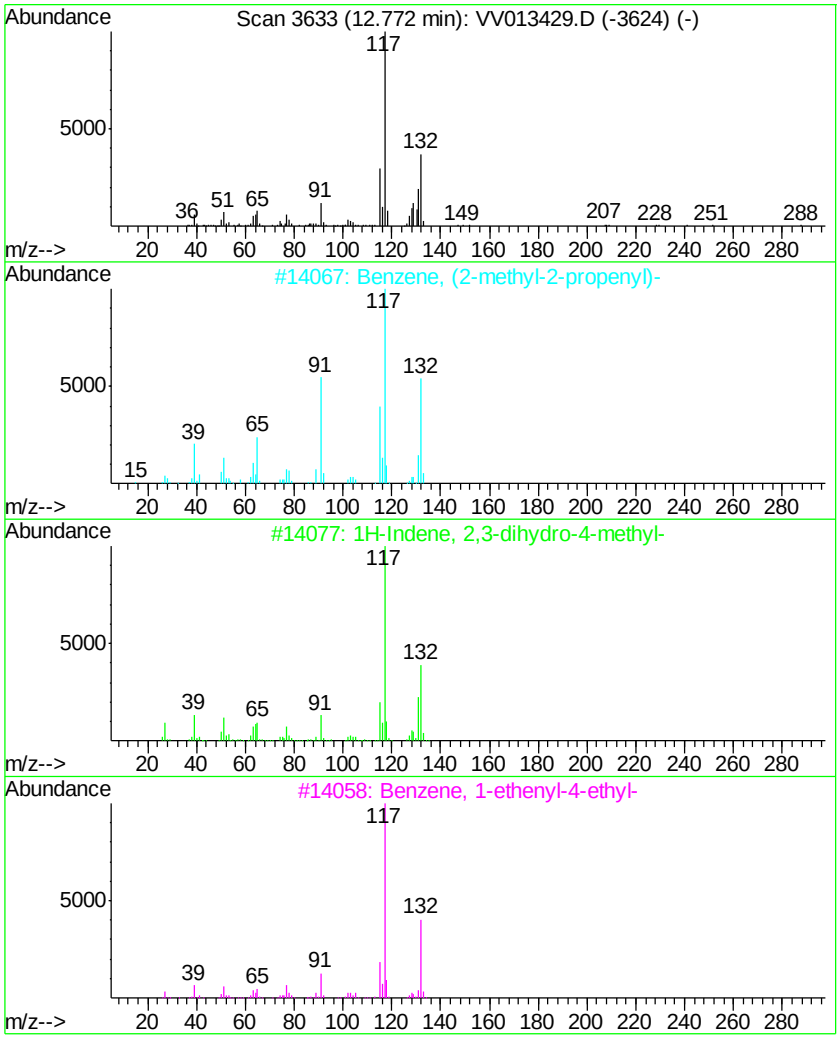
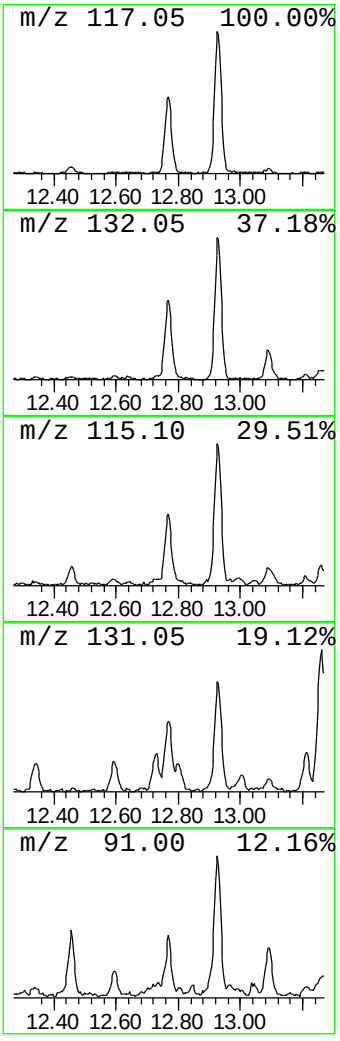
Peak Number 14 Benzene, (2-methyl-2-propen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	0.72 ug/L	188848	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	68
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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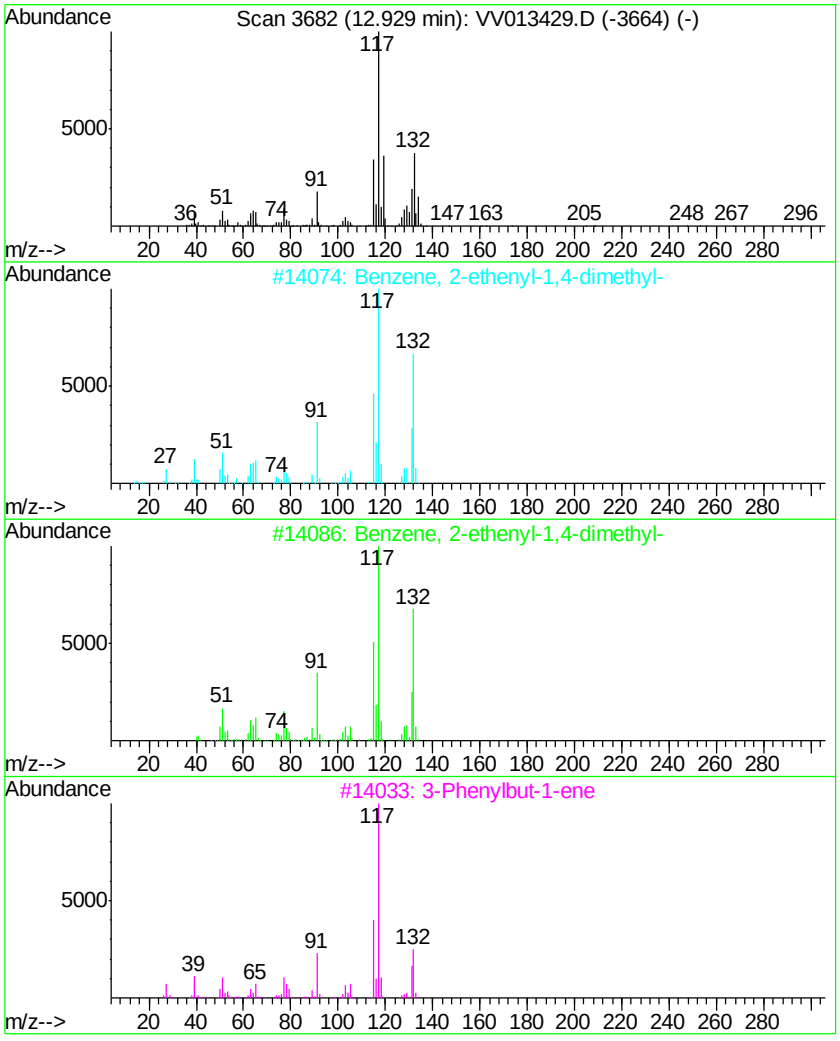
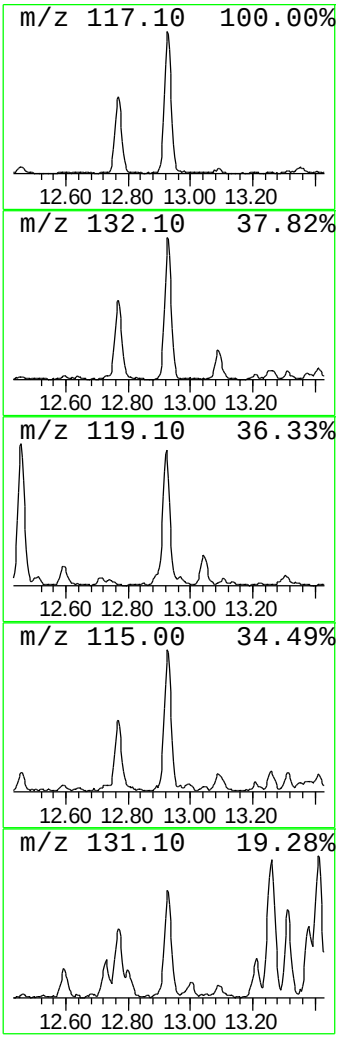
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.60 ug/L	421069	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.65	1.9	ug/L	348813	1	5.66	940691	5.0
(DEL) Alkane: Cyc...	2.04	0.9	ug/L	175509	1	5.66	940691	5.0
Cyclopentene	2.50	0.7	ug/L	138259	1	5.66	940691	5.0
(DEL) Alkane: Str...	2.55	1.0	ug/L	191921	1	5.66	940691	5.0
(DEL) Alkane: Cyc...	2.60	1.4	ug/L	257356	1	5.66	940691	5.0
(DEL) Alkane: Str...	2.78	0.9	ug/L	179549	1	5.66	940691	5.0
(DEL) Alkane: Cyc...	3.80	3.3	ug/L	614198	1	5.66	940691	5.0
(DEL) Alkane: Cyc...	5.37	1.2	ug/L	233288	1	5.66	940691	5.0
Benzene, propyl-	10.40	0.9	ug/L	231991	3	11.29	1312970	5.0
Indane	11.57	2.7	ug/L	716731	3	11.29	1312970	5.0
o-Cymene	12.06	0.7	ug/L	195607	3	11.29	1312970	5.0
Benzene, 1-etheny...	12.16	1.4	ug/L	360422	3	11.29	1312970	5.0
Benzene, (2-methy...	12.77	0.7	ug/L	188848	3	11.29	1312970	5.0
Benzene, 2-etheny...	12.93	1.6	ug/L	421069	3	11.29	1312970	5.0