LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

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\SOMVTR052620WMA.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	2.126	312	322	339	rBV	62202	90946	1.54%	0.451%
2	2.778	511	525	543	rVB	38998	78987	1.34%	0.392%
3	3.058	597	612	638	rBV	137240	269779	4.57%	1.338%
4	3.785	819	838	866	rBV	130126	328251	5.56%	1.628%
5	3.936	872	885	912	rBV2	68804	198825	3.37%	0.986%
6	4.376	1006	1022	1047	rVB2	50718	125043	2.12%	0.620%
7	4.637	1083	1103	1116	rBV3	29391	74657	1.26%	0.370%
8	5.074	1222	1239	1269	rBV2	118207	294162	4.98%	1.459%
9	5.643	1404	1416	1444	rBV	104703	210412	3.56%	1.043%
10	5.939	1493	1508	1534	rBV	139124	270487	4.58%	1.341%
11	6.097	1542	1557	1568	rBV	68124	141953	2.40%	0.704%
12	7.010	1829	1841	1856	rBV	34170	62657	1.06%	0.311%
13	7.338	1933	1943	1954	rBV	138556	232694	3.94%	1.154%
14	7.408	1954	1965	1980	rVV	938772	1548514	26.21%	7.678%
15	7.997	2134	2148	2168	rBV	803323	1336746	22.63%	6.628%
16	8.116	2171	2185	2218	rVV	160018	306520	5.19%	1.520%
17	8.875	2410	2421	2436	rBV	169558	270083	4.57%	1.339%
18	9.032	2455	2470	2493	rBV	226094	370083	6.26%	1.835%
19	9.161	2493	2510	2532	rBV	621919	972057	16.45%	4.820%
20	9.572	2625	2638	2666	rVB3	957844	2038110	34.50%	10.106%
21	9.952	2745	2756	2781	rVB	70558	116714	1.98%	0.579%
22	10.238	2833	2845	2859	rBV	51775	87405	1.48%	0.433%
23	10.473	2907	2918	2921	rBV	55865	84406	1.43%	0.419%
24	10.559	2935	2945	2958	rVB	117026	177817	3.01%	0.882%
25	10.759	2995	3007	3026	rVB	77200	121901	2.06%	0.604%
26	10.936	3046	3062	3075	rBV	305601	472891	8.00%	2.345%
27	11.006	3075	3084	3094	rBV	137943	202049	3.42%	1.002%
28	11.270	3156	3166	3177	rBV	188487	288706	4.89%	1.432%
29	11.357	3183	3193	3204	rVB	197038	290133	4.91%	1.439%
30	11.550	3242	3253	3264	rBV2	72460	125393	2.12%	0.622%
31	11.649	3274	3284	3299	rVB2	158768	281055	4.76%	1.394%
32	11.768	3310	3321	3335	rVB	655050	984657	16.67%	4.882%
33	11.955	3364	3379	3391	rBV7	24072	62101	1.05%	0.308%
34	12.138	3427	3436	3452	rBV2	66317	125972	2.13%	0.625%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

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\SOMVTR052620WMA.M
Title : TRACE VOA SOM01.0

35	12.215	3452	3460	3474	rVB	39681	60563	1.03%	0.300%
36	12.437	3518	3529	3536	rBV	52308	75766	1.28%	0.376%
37	12.489	3536	3545	3558	rVB	89893	140250	2.37%	0.695%
38	12.903	3658	3674	3686	rBV2	134108	203997	3.45%	1.012%
39	13.077	3713	3728	3744	rVB2	62432	107097	1.81%	0.531%
40	13.527	3849	3868	3895	rBV	3783323	5908251	100.00%	29.296%
41	13.646	3895	3905	3916	rVB	92920	146430	2.48%	0.726%
42	14.656	4210	4219	4231	rBV	70685	107955	1.83%	0.535%
43	14.839	4265	4276	4290	rBV	273923	431454	7.30%	2.139%
44	15.389	4434	4447	4456	rBV	156334	237147	4.01%	1.176%
45	16.299	4719	4730	4746	rVB2	58026	106218	1.80%	0.527%

Sum of corrected areas: 20167294

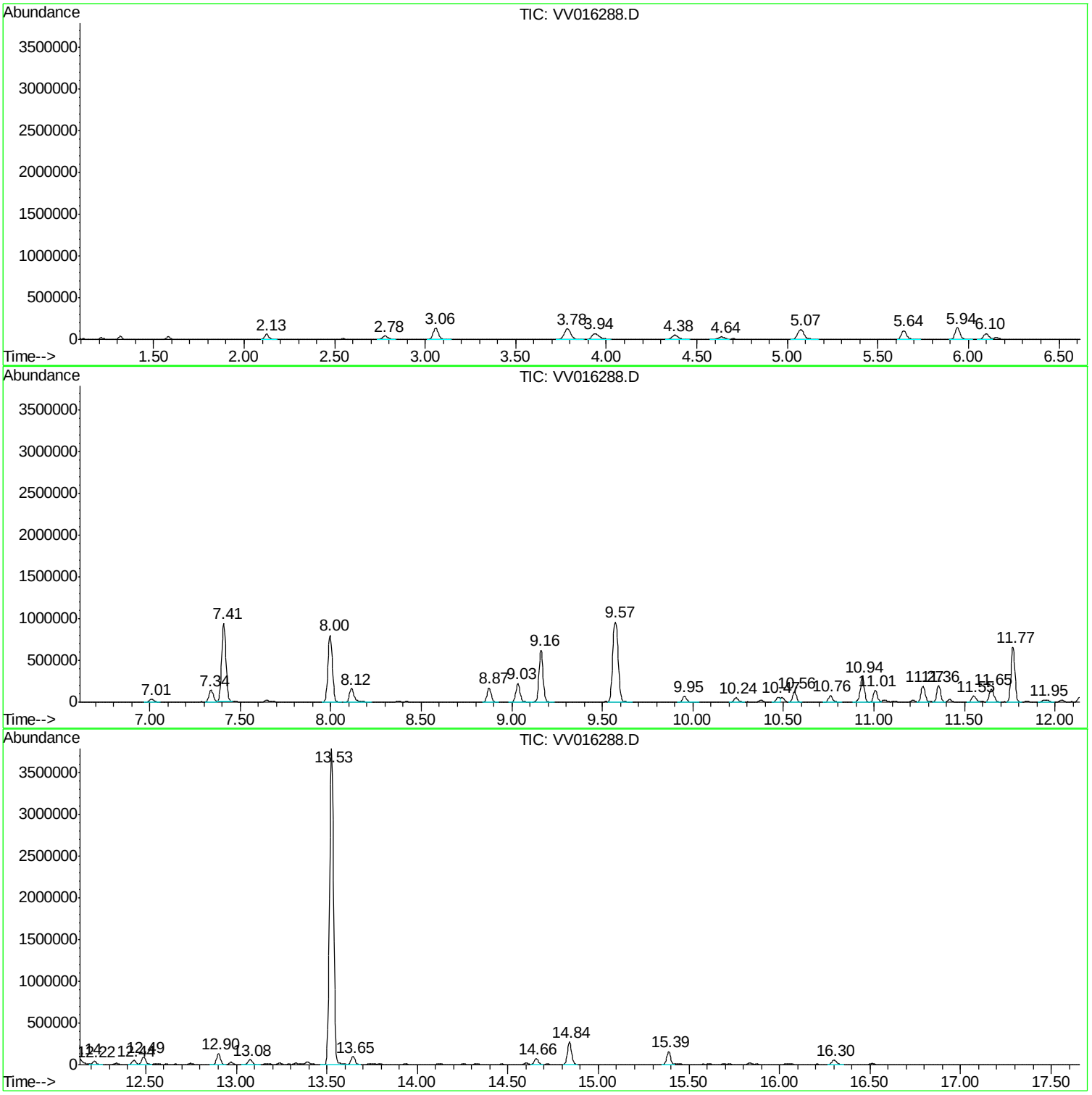
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.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\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

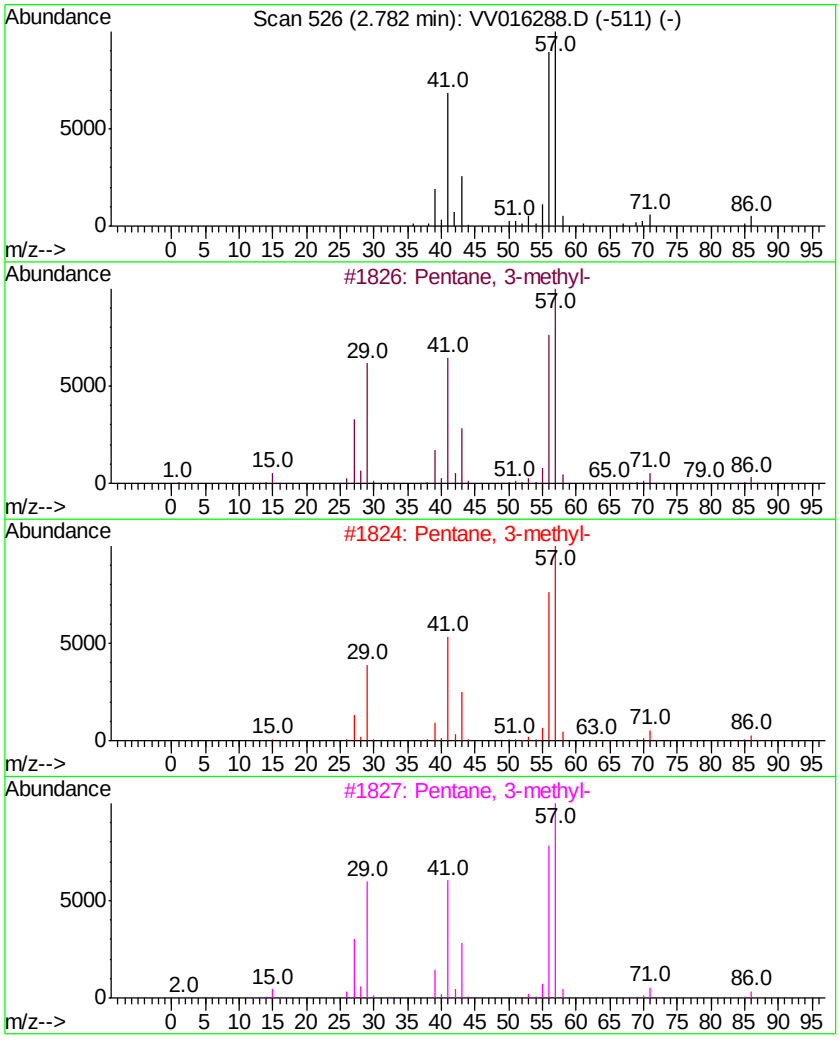
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

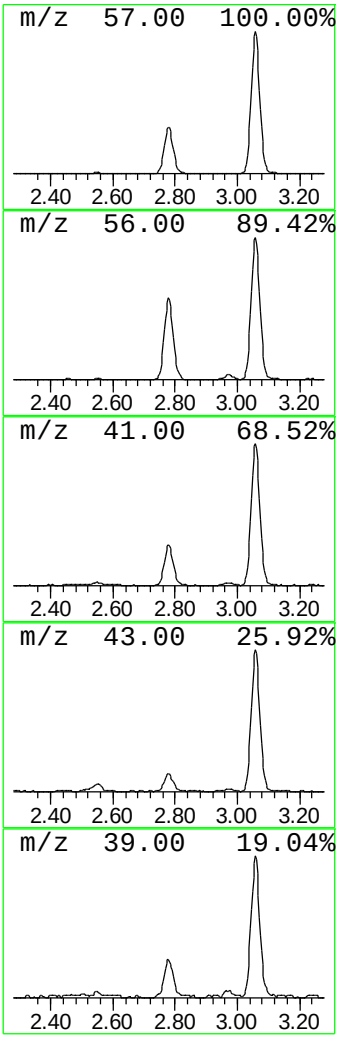
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	1.88 ug/L	78987	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

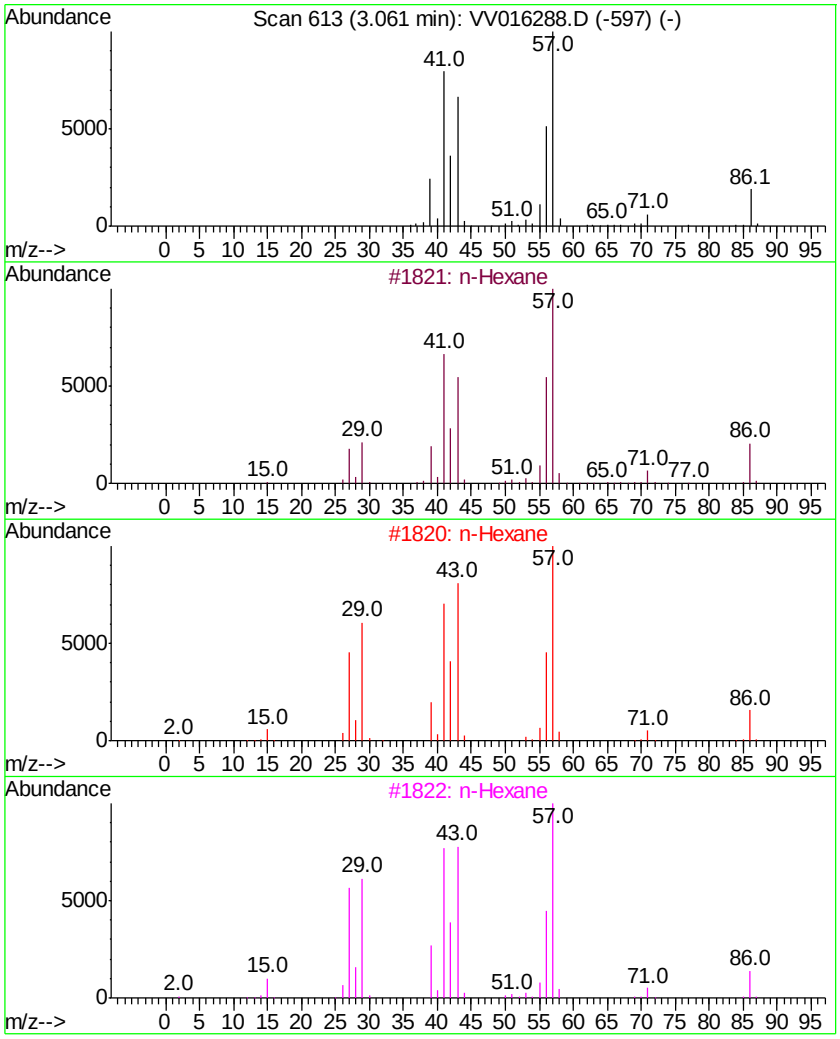
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

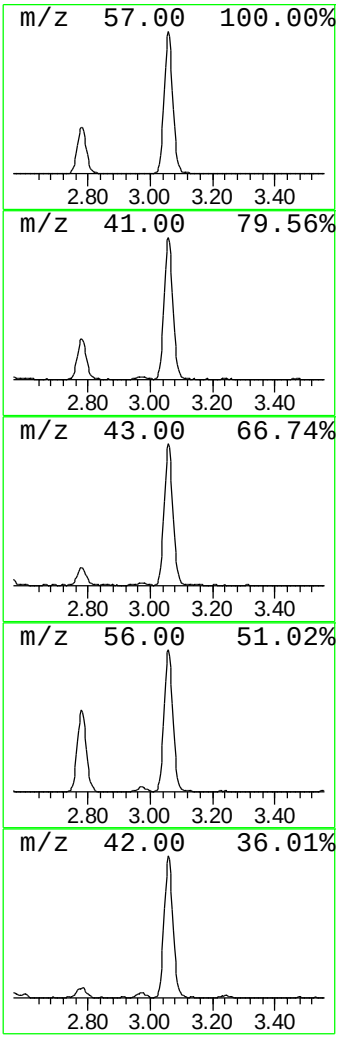
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	6.41 ug/L	269779	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	72
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

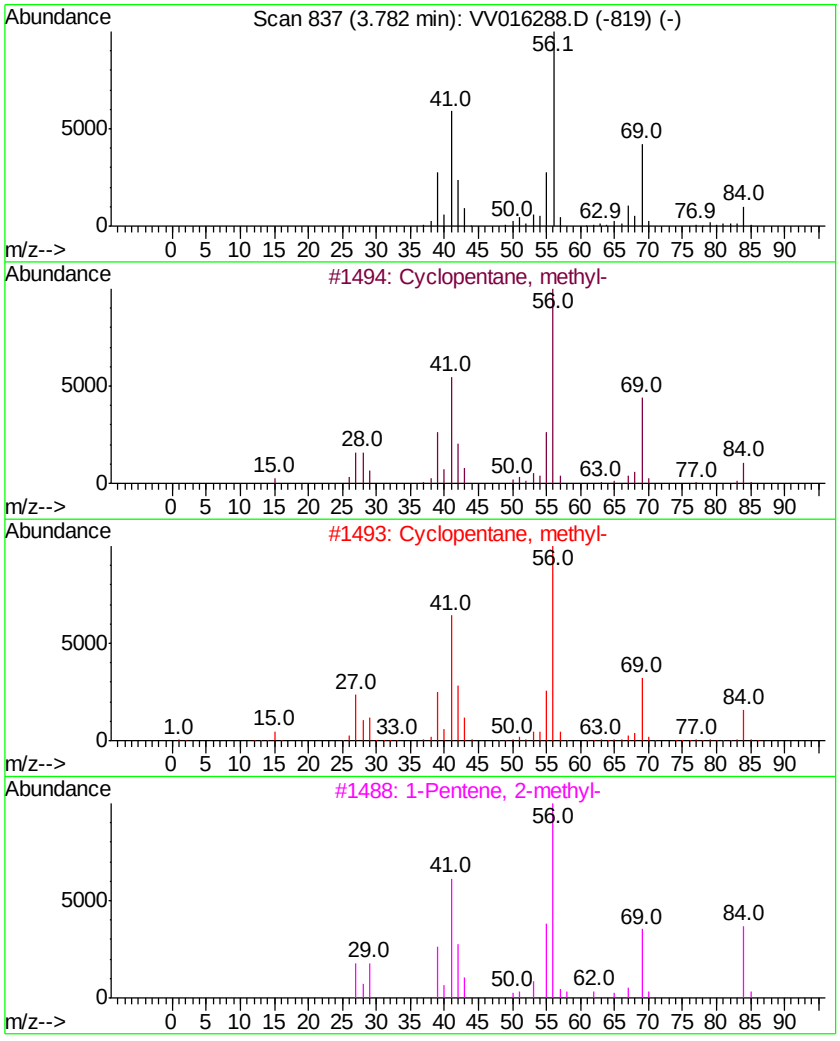
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

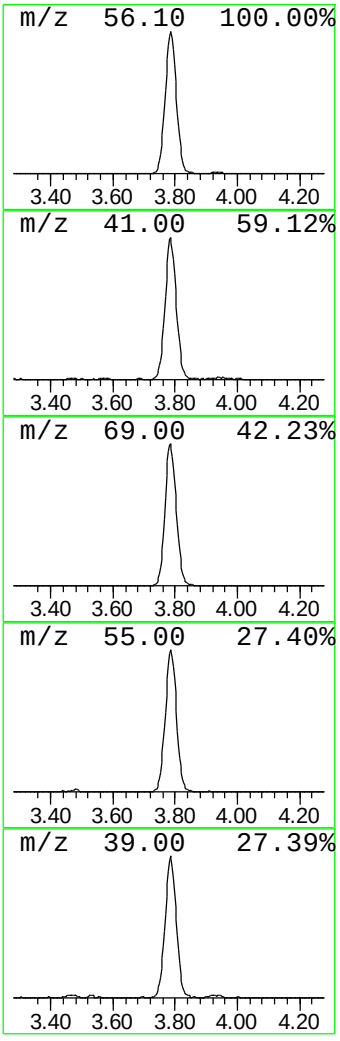
****

Peak Number 3 (DEL) Alkane: Cyclic3.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	7.80 ug/L	328251	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

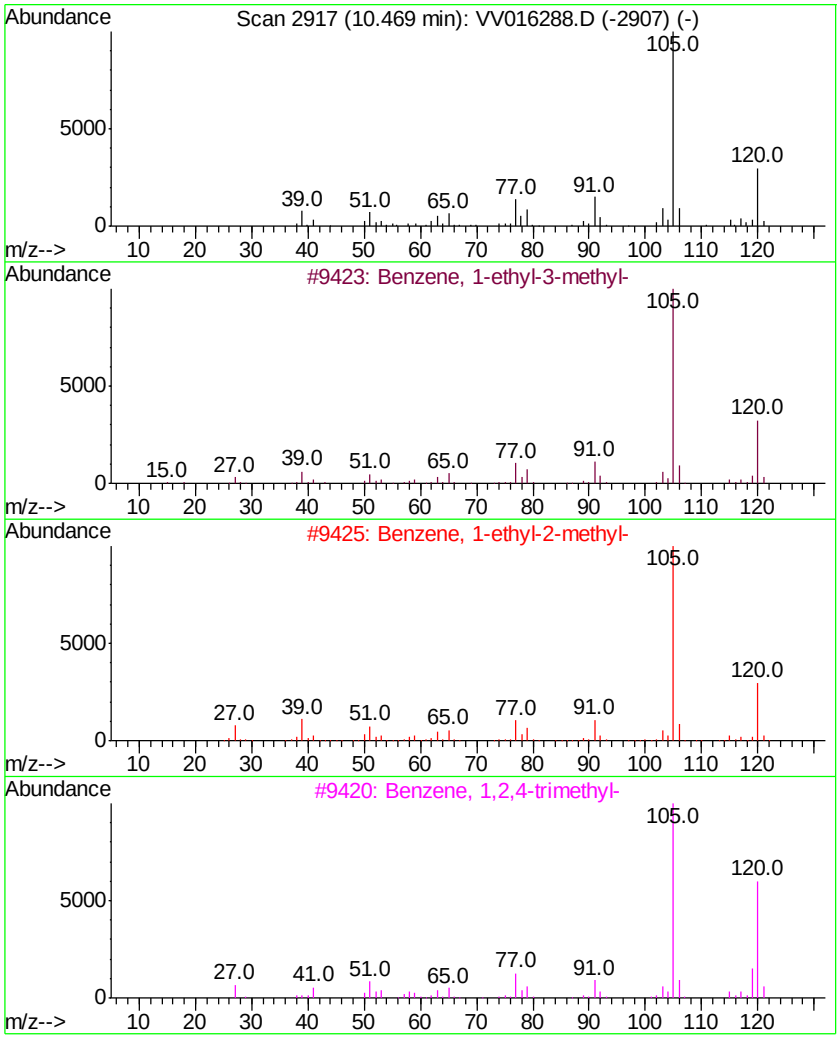
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

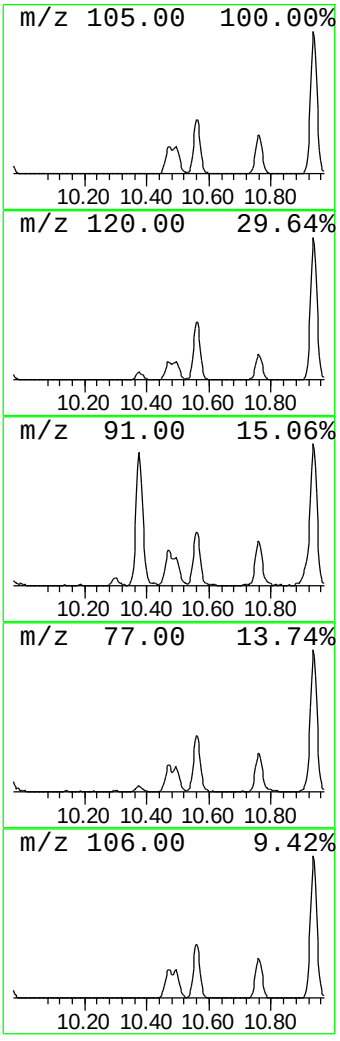
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	1.46 ug/L	84406	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

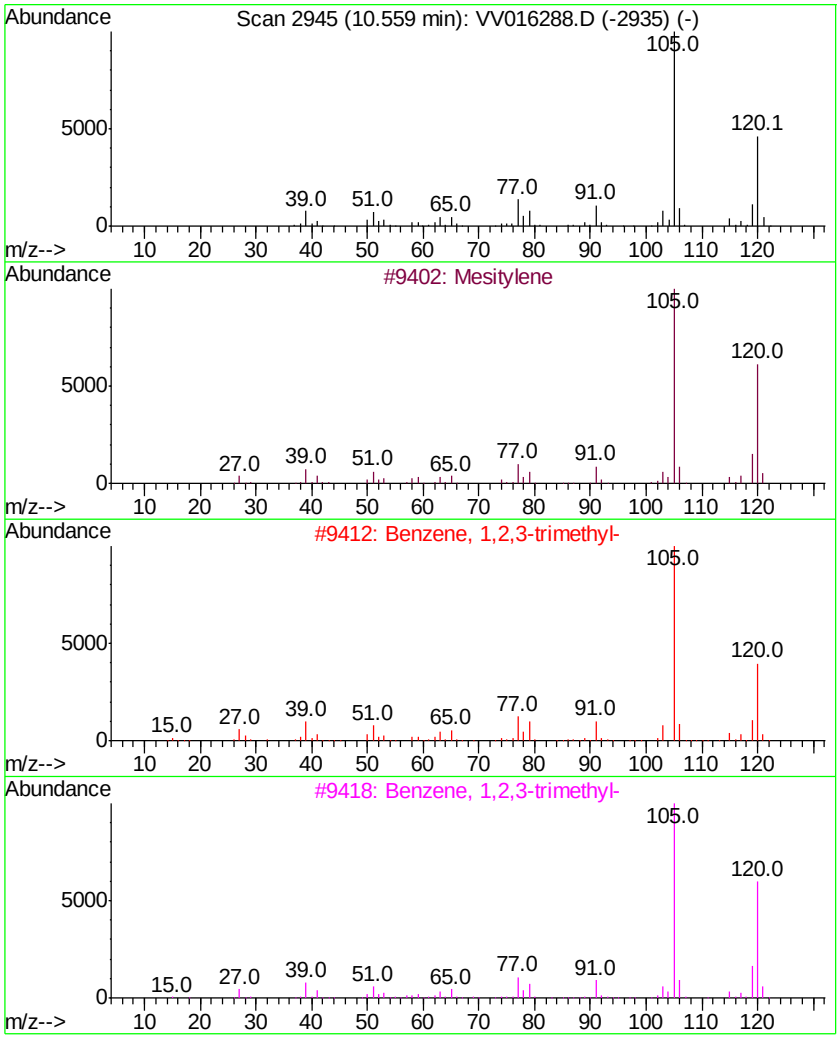
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

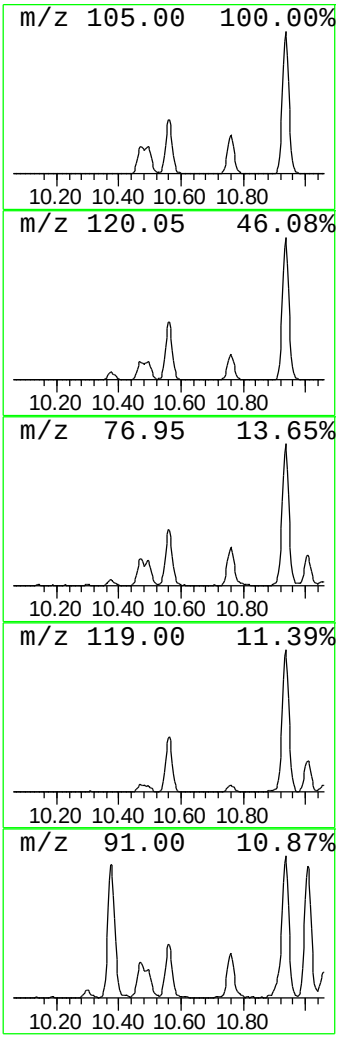
****

Peak Number 6 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.08 ug/L	177817	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

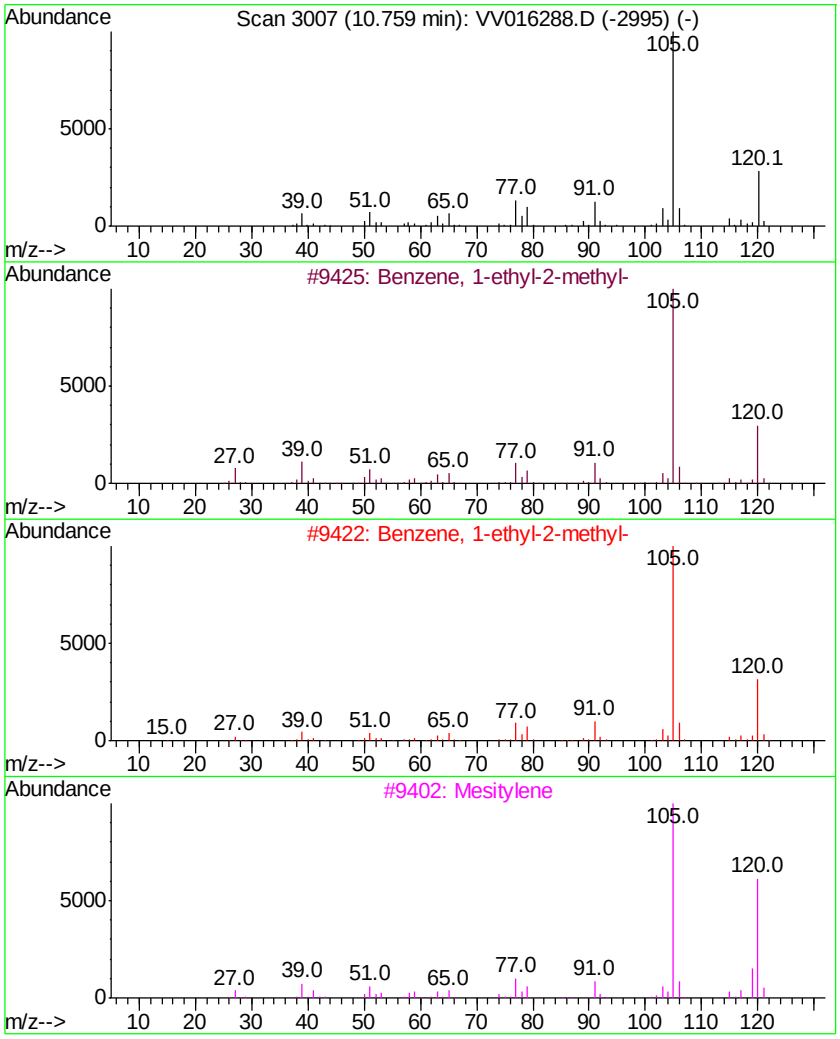
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

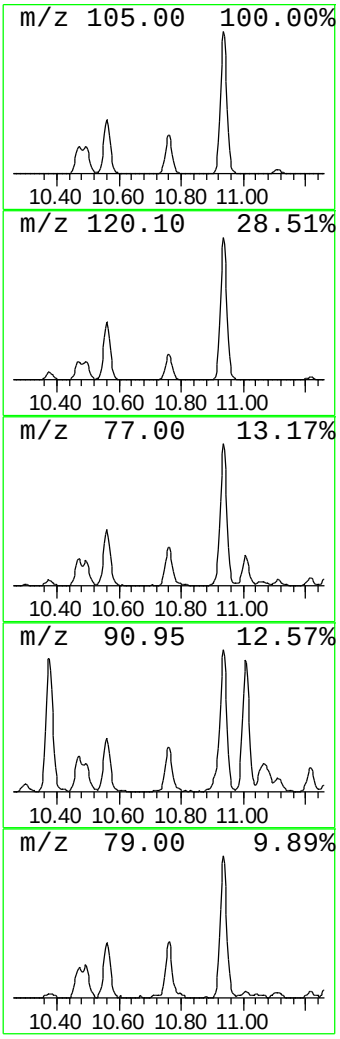
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.11 ug/L	121901	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

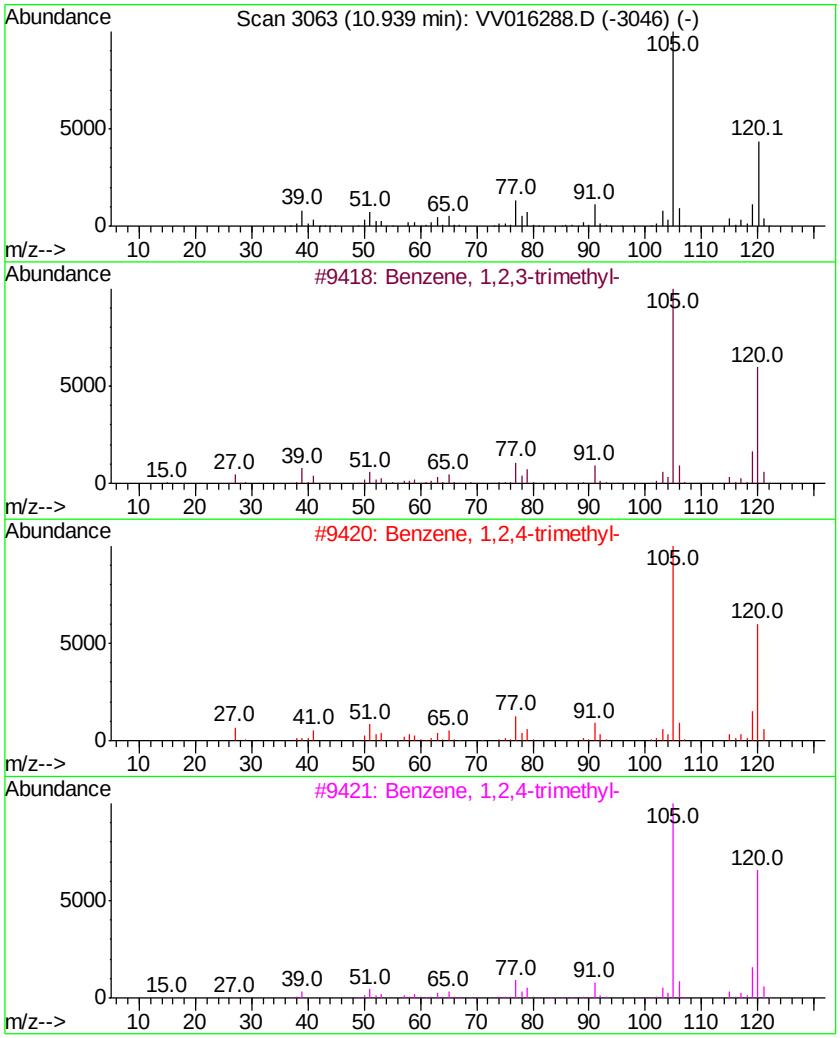
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

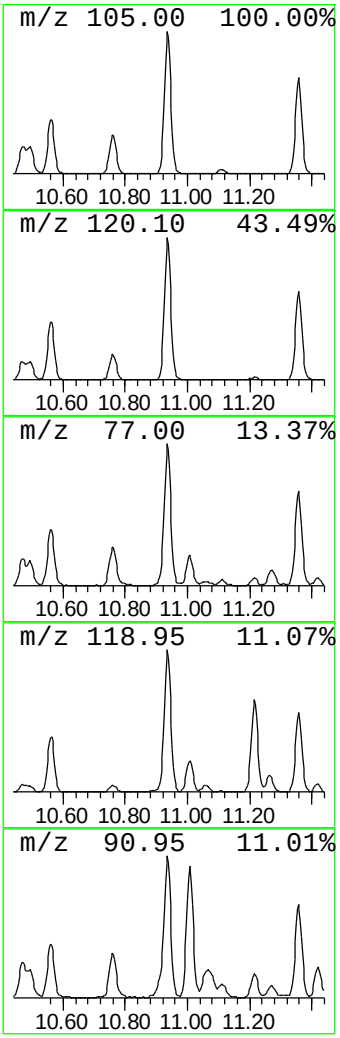
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	8.19 ug/L	472891	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

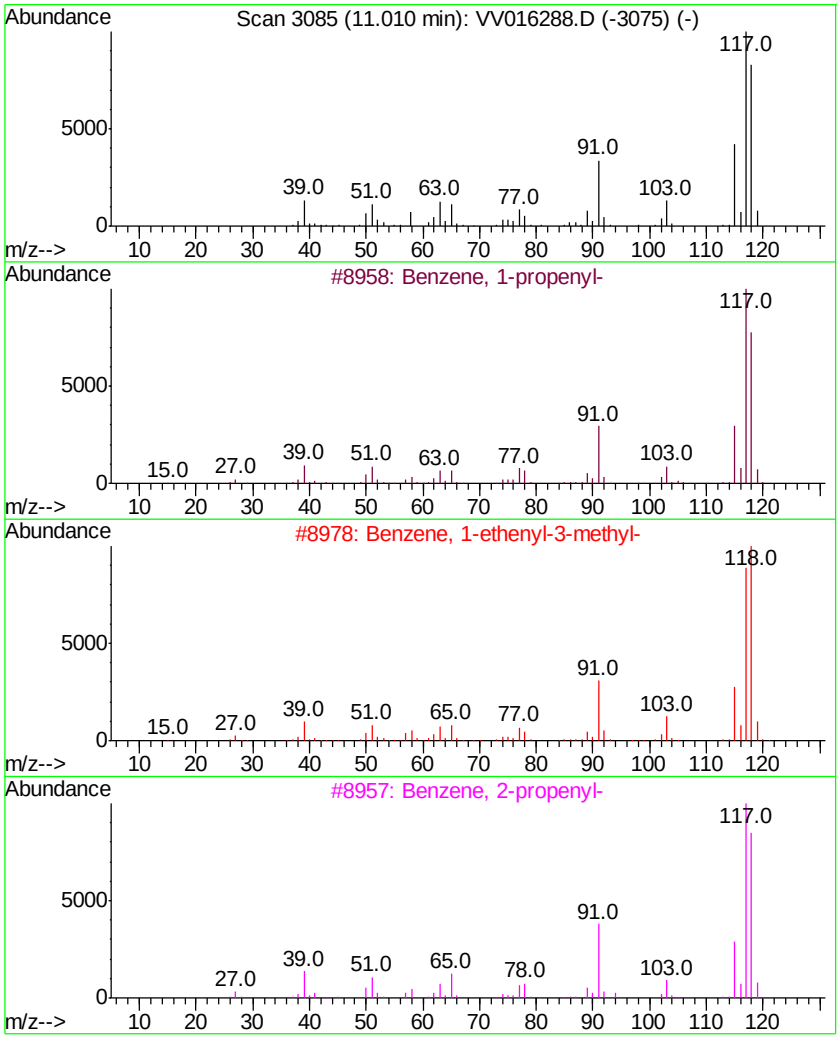
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

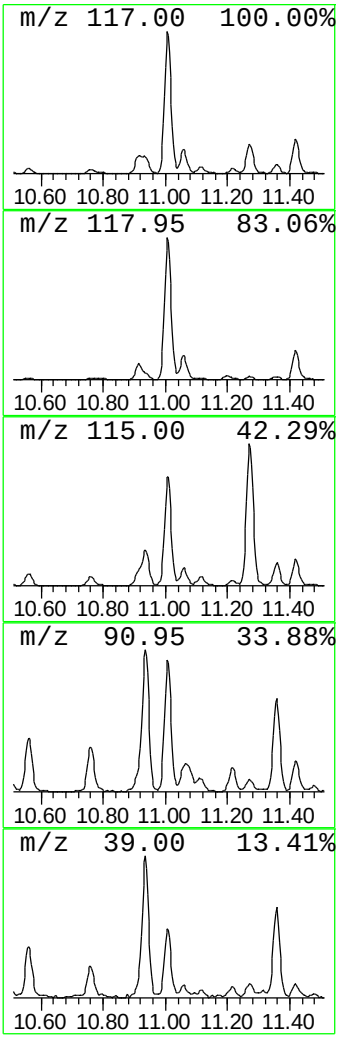
****

Peak Number 9 Benzene, 1-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.50 ug/L	202049	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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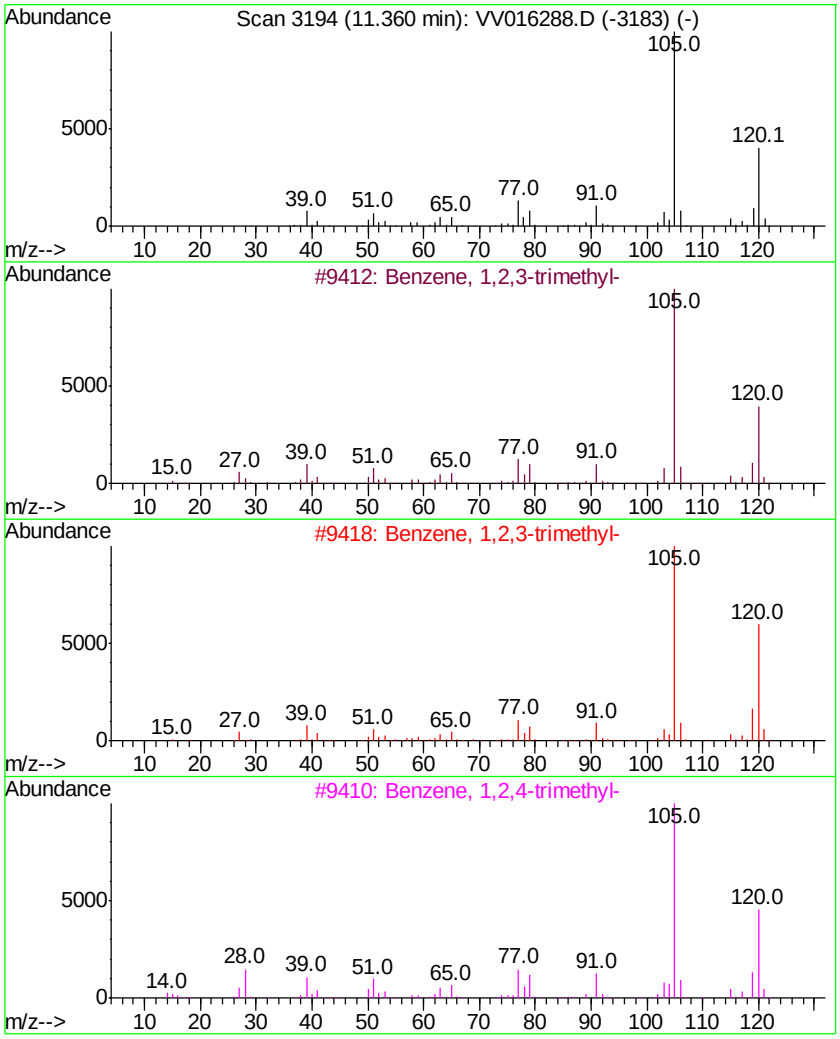
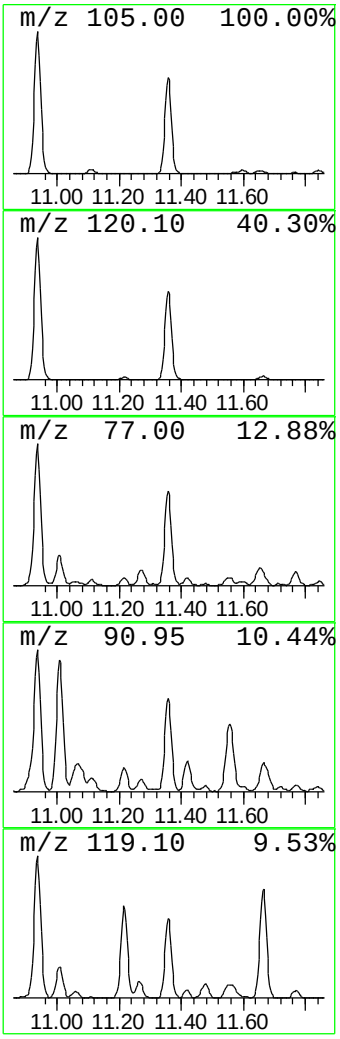
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.02 ug/L	290133	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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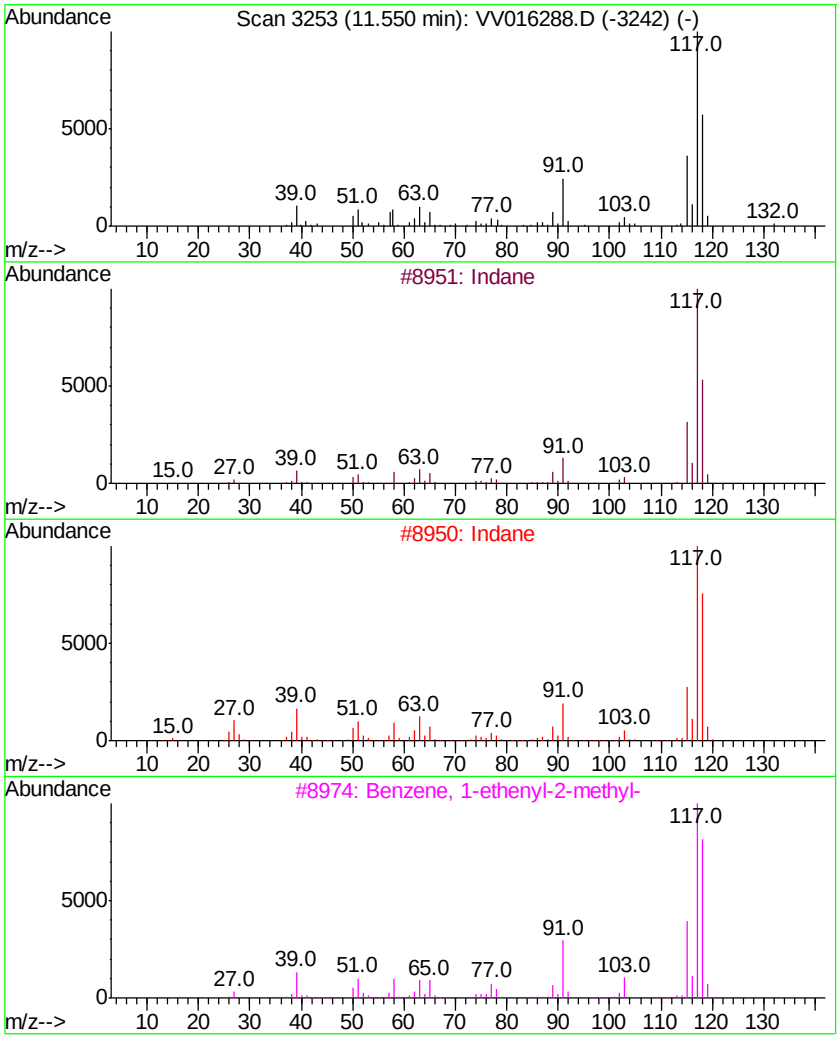
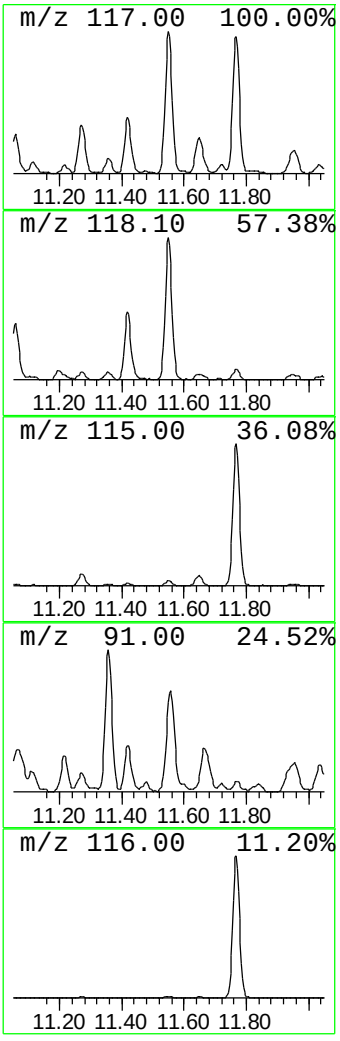
Peak Number 11 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.17 ug/L	125393	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83





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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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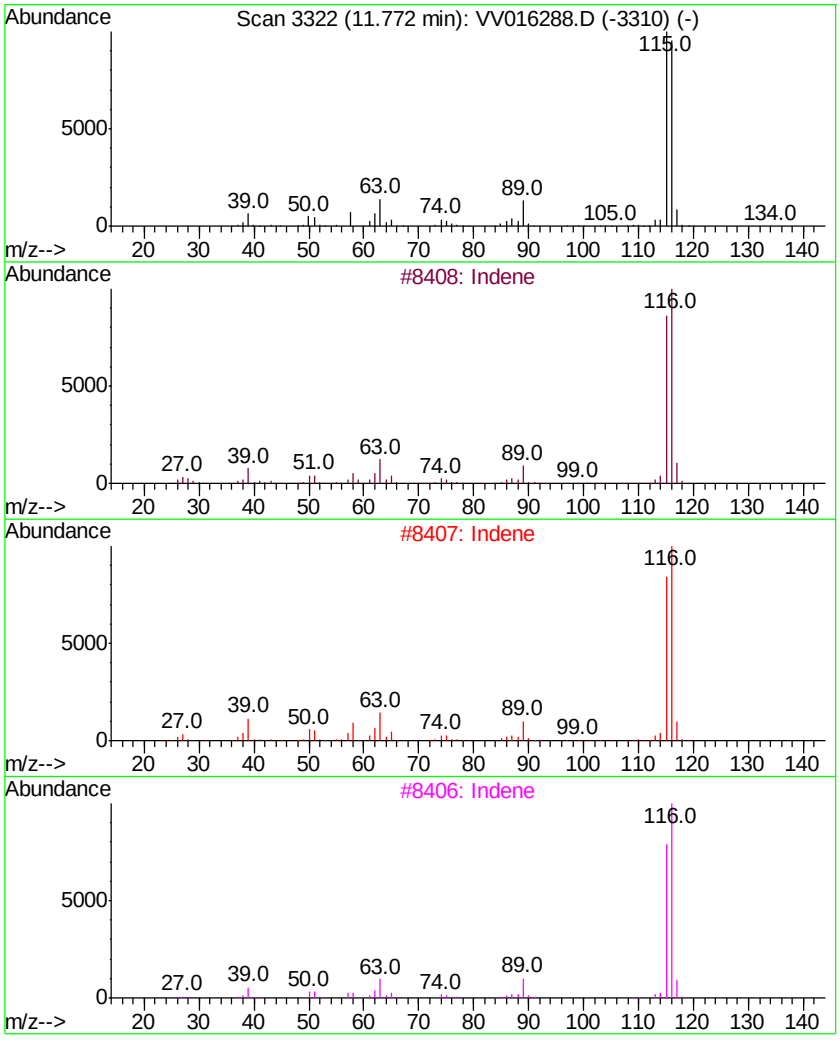
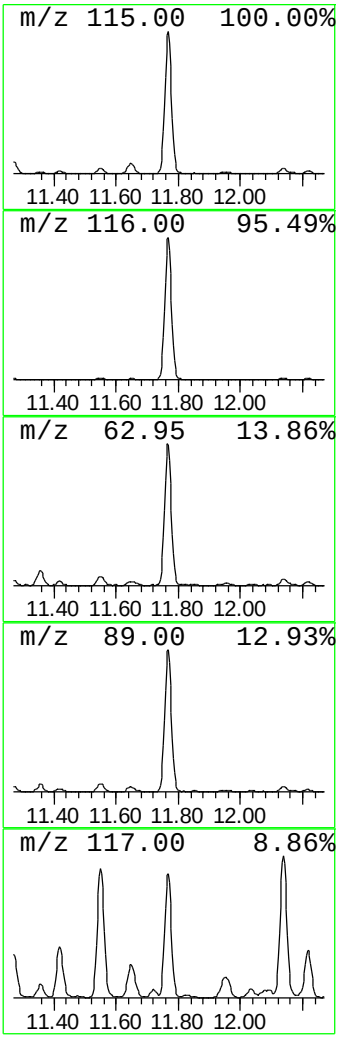
Peak Number 12 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	17.05 ug/L	984657	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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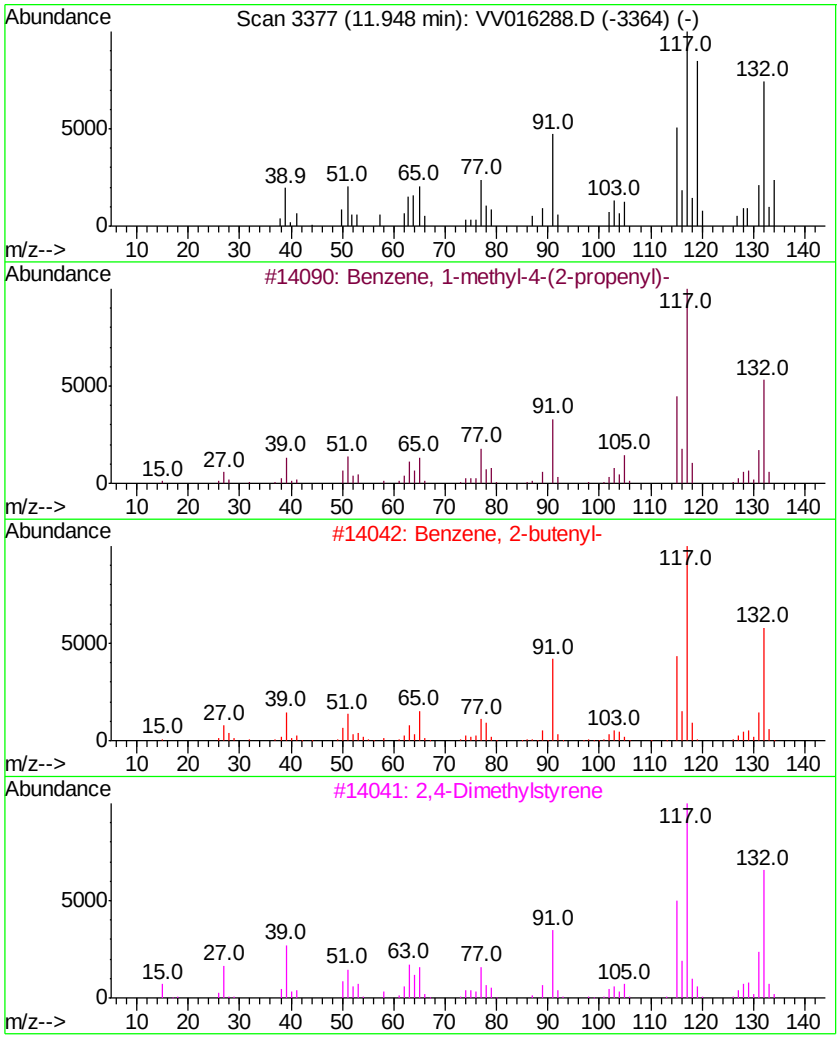
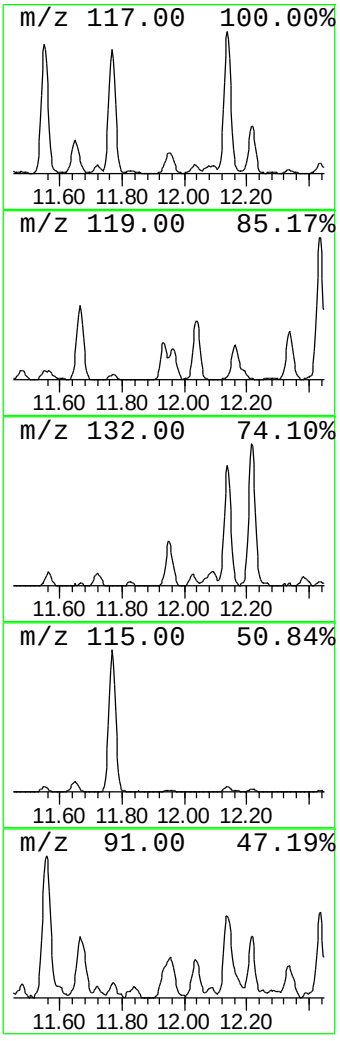
Peak Number 13 Benzene, 1-methyl-4-(2-prop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	1.08 ug/L	62101	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	97
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	96
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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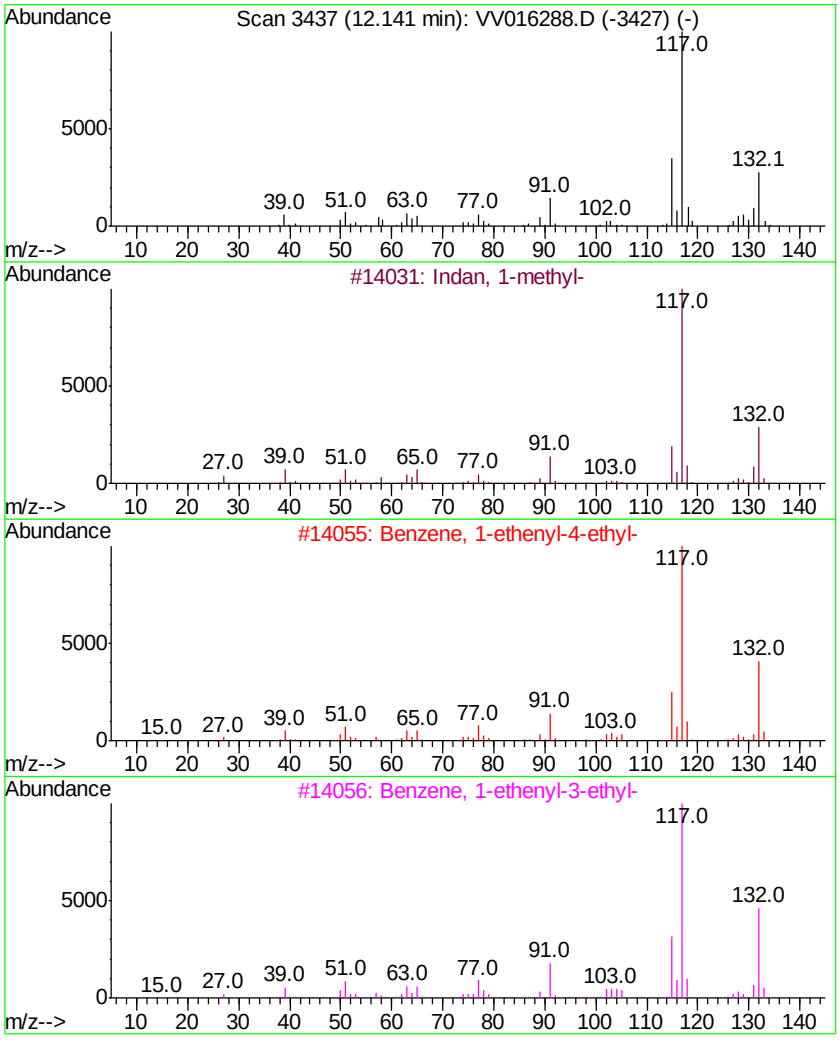
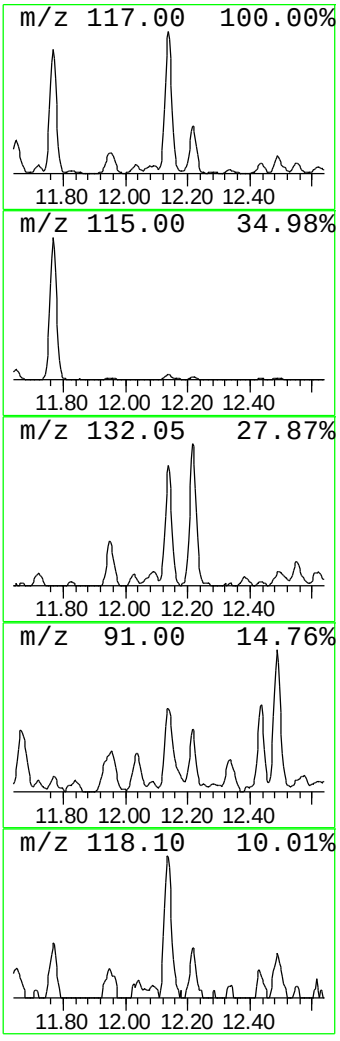
Peak Number 14 Indan, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.18 ug/L	125972	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Library Search Compound Report

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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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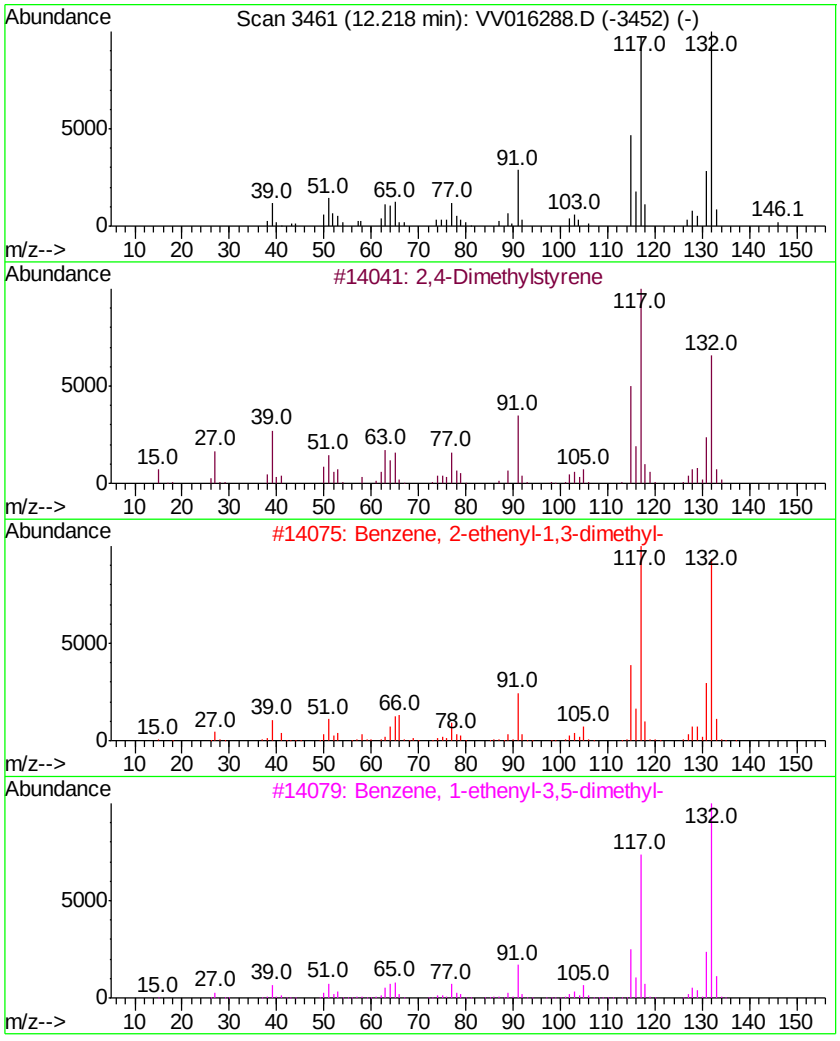
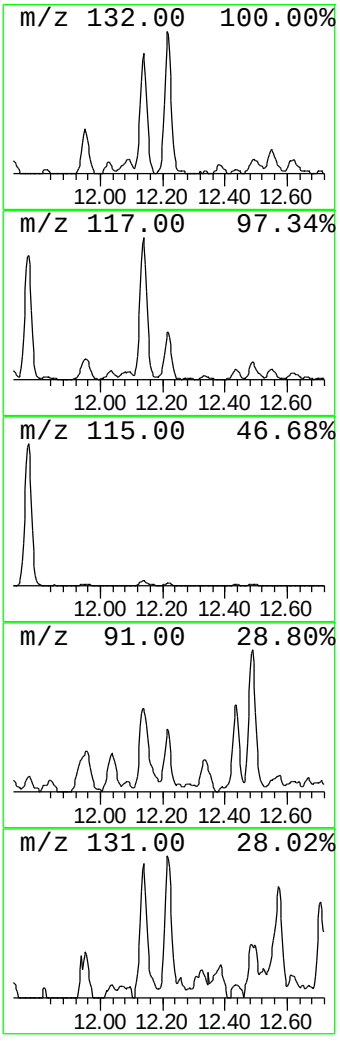
Peak Number 15 2,4-Dimethylstyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	1.05 ug/L	60563	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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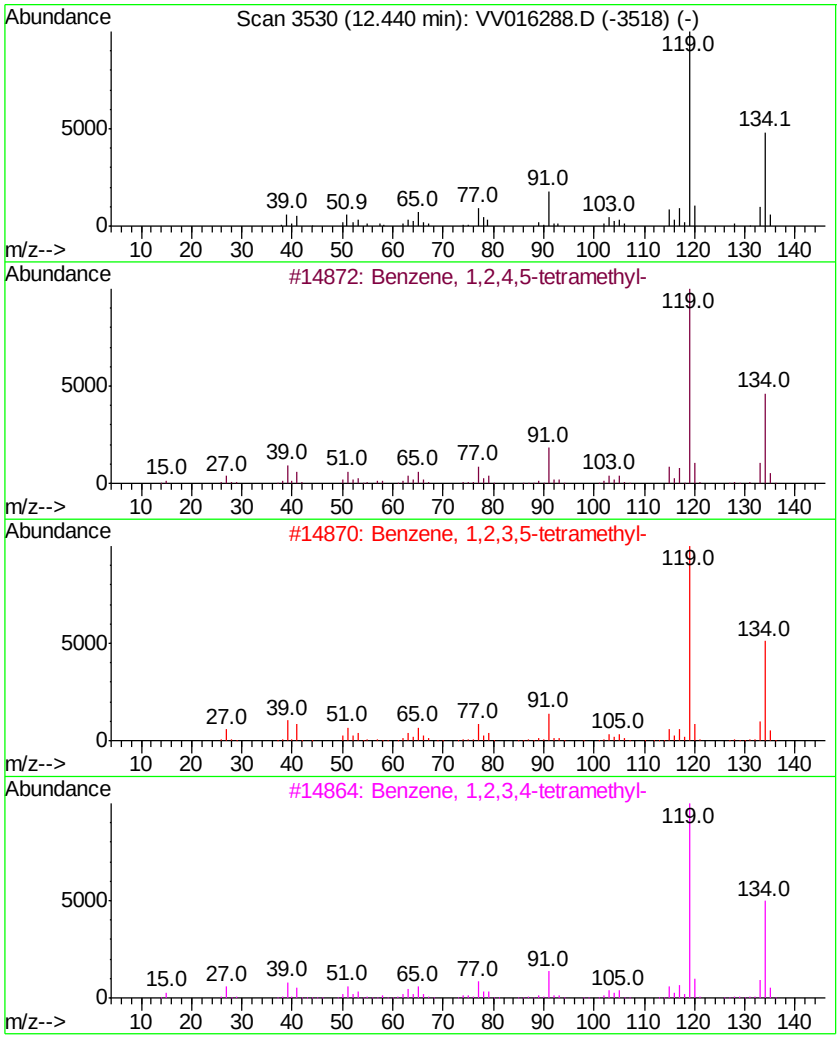
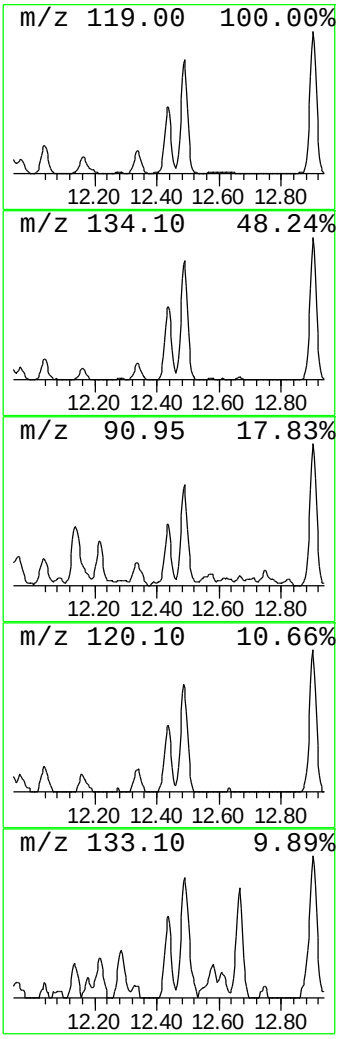
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	1.31 ug/L	75766	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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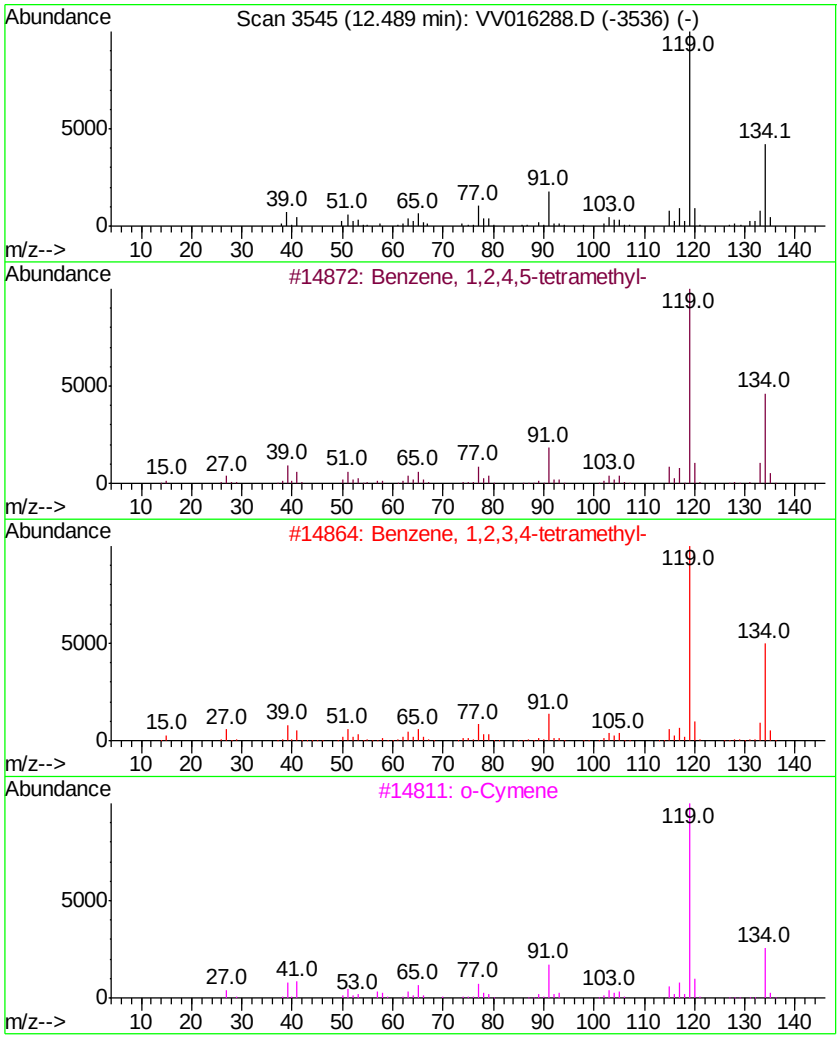
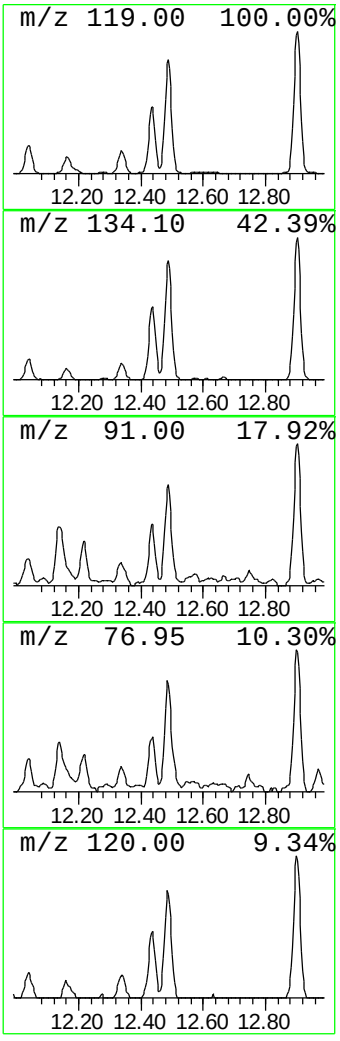
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.43 ug/L	140250	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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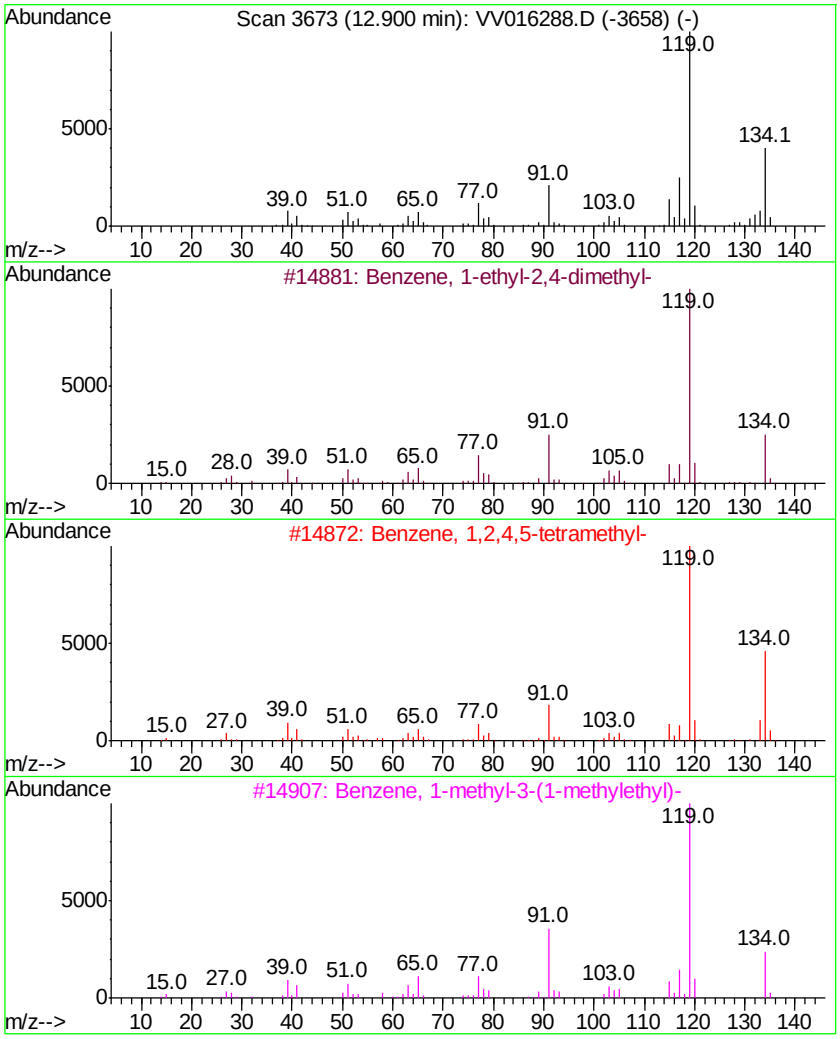
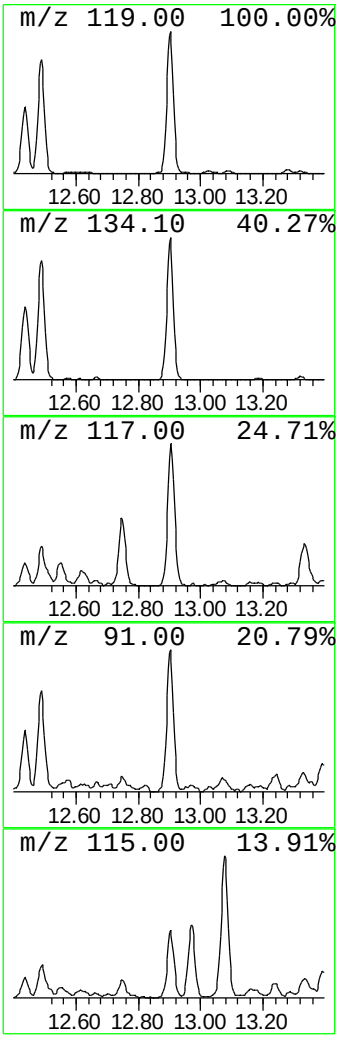
Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.53 ug/L	203997	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

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Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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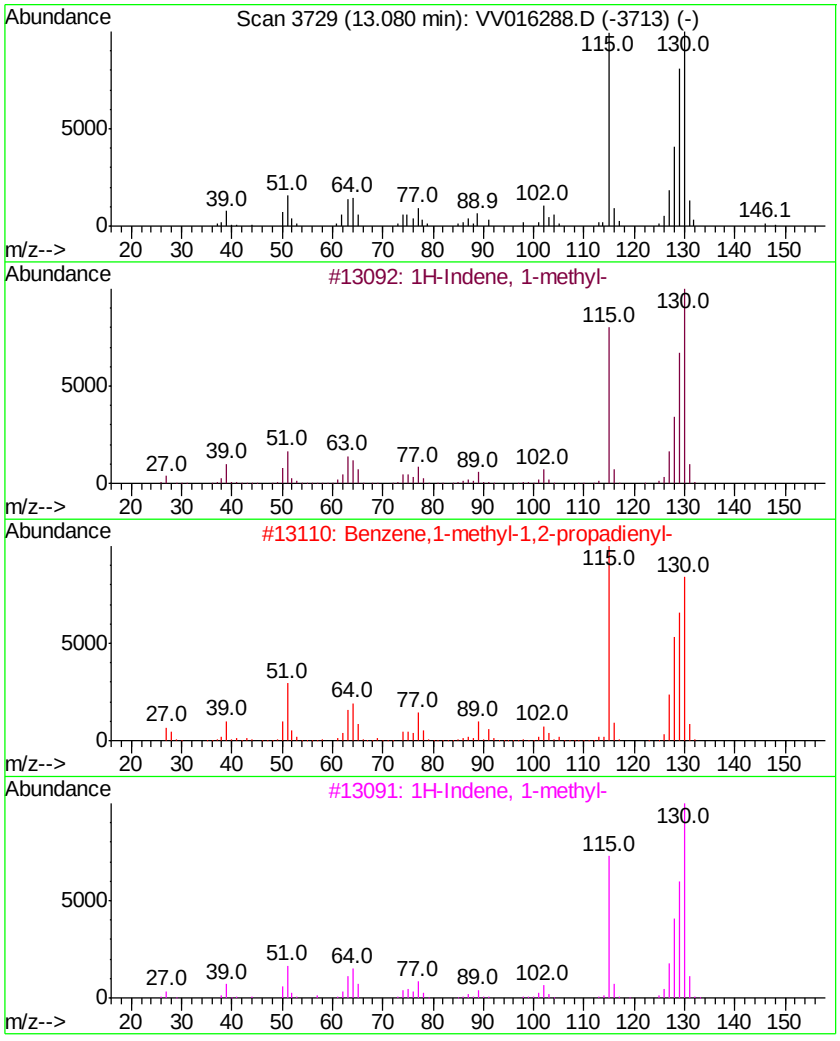
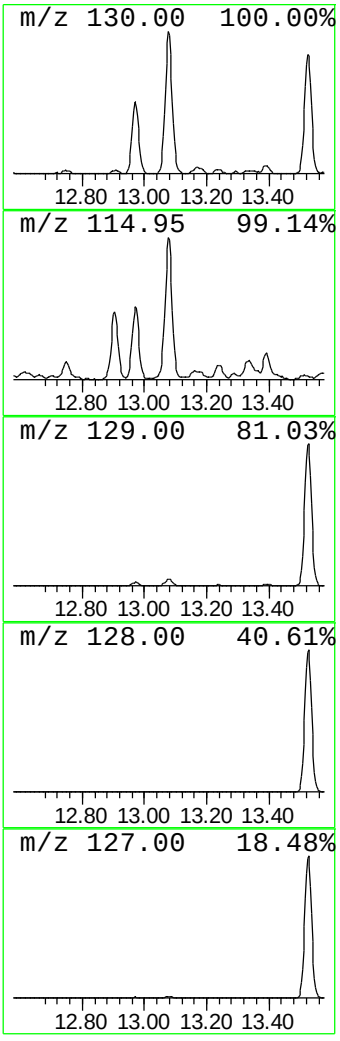
Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.85 ug/L	107097	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	2-Methylindene	130	C10H10	002177-47-1	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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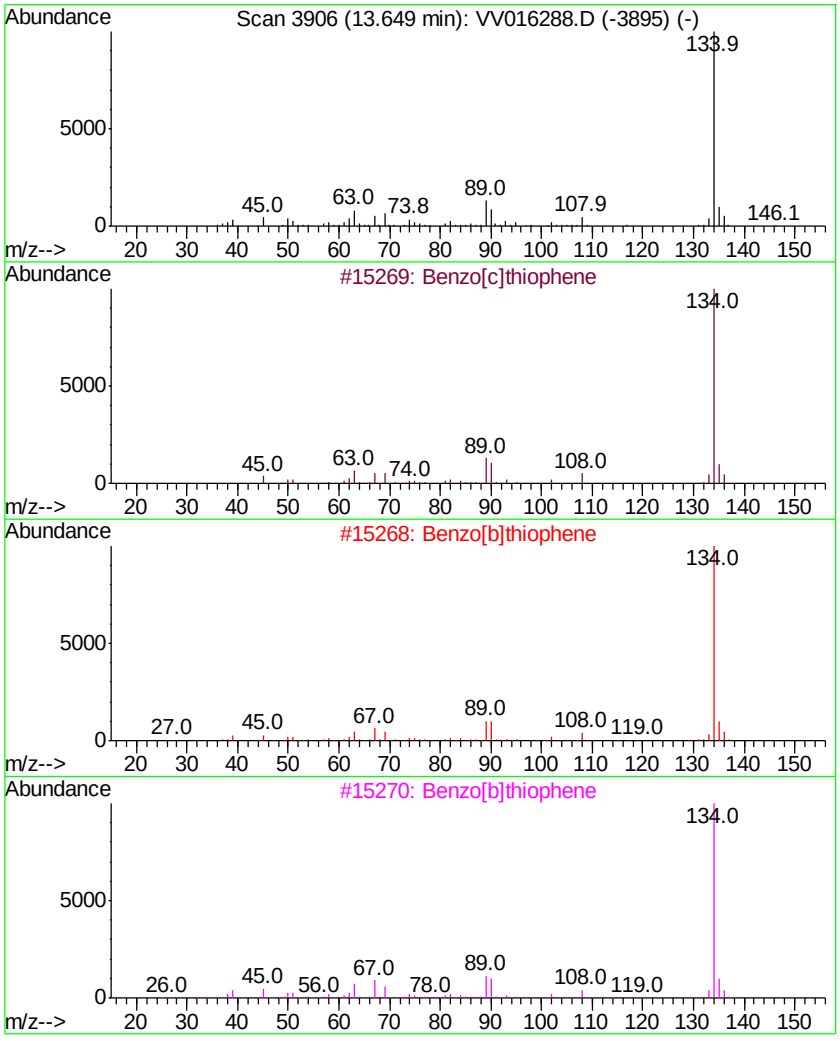
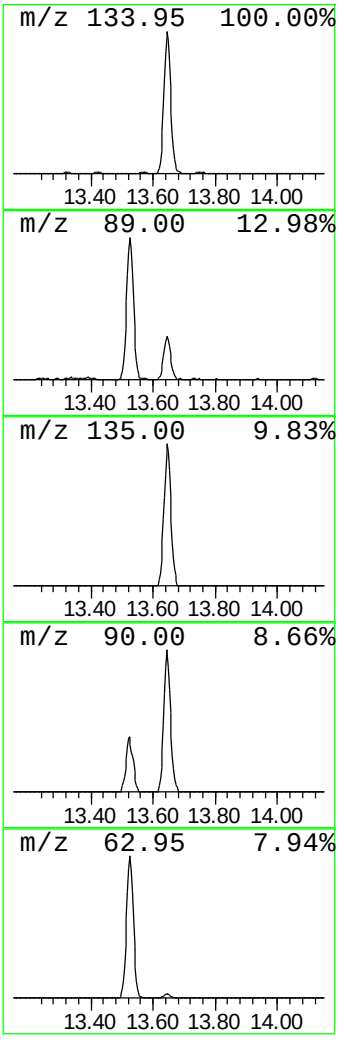
Peak Number 21 Benzo[c]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.54 ug/L	146430	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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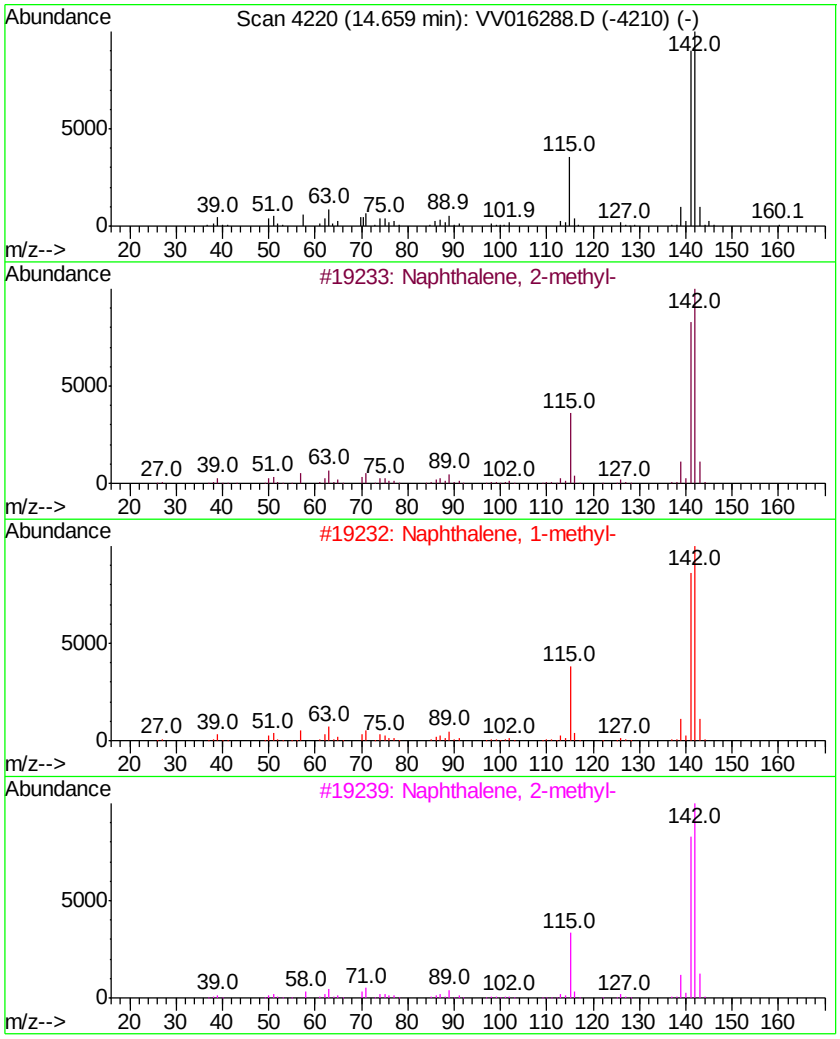
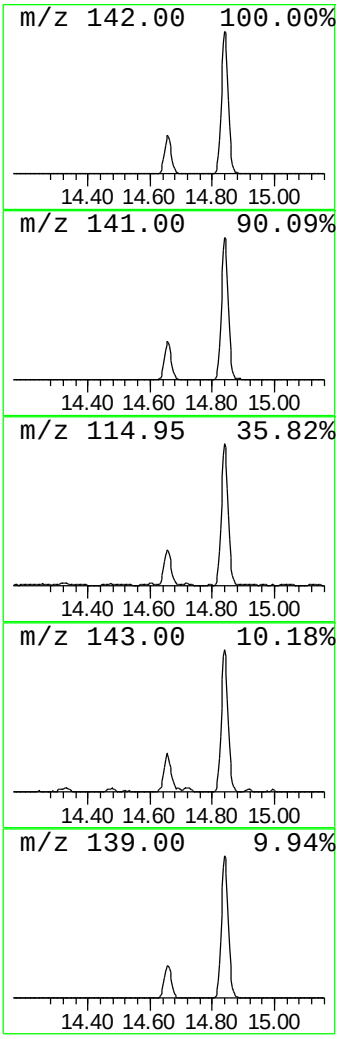
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	1.87 ug/L	107955	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

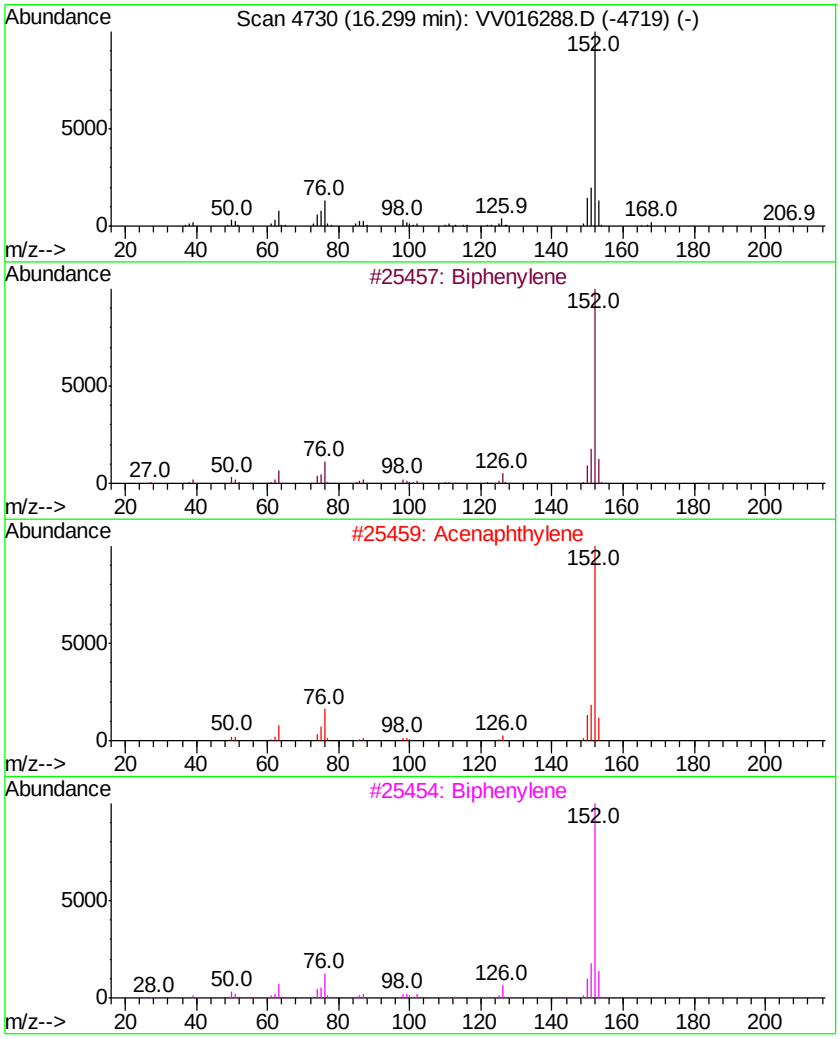
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

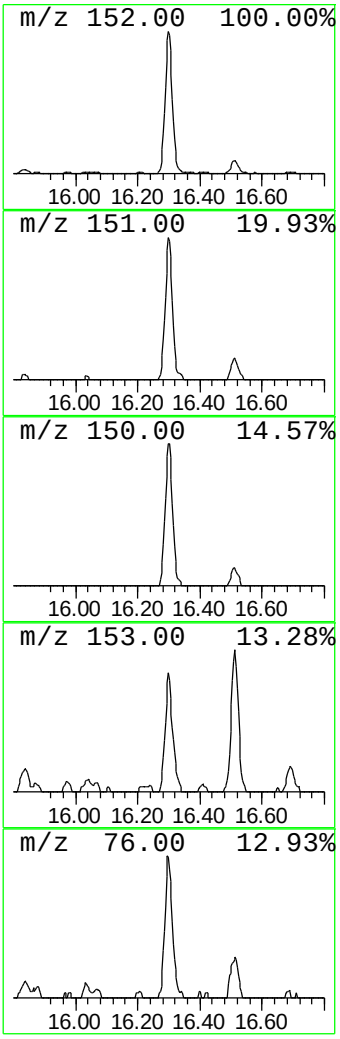
****

Peak Number 25 Biphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	1.84 ug/L	106218	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Acenaphthylene	152	C12H8	000208-96-8	90
3	Biphenylene	152	C12H8	000259-79-0	90
4	Acenaphthylene	152	C12H8	000208-96-8	83
5	Acenaphthylene	152	C12H8	000208-96-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.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...	2.78	1.9	ug/L	78987	1	5.64	210412	5.0
(DEL) Alkane: Str...	3.06	6.4	ug/L	269779	1	5.64	210412	5.0
(DEL) Alkane: Cyc...	3.78	7.8	ug/L	328251	1	5.64	210412	5.0
Benzene, 1-ethyl-...	10.47	1.5	ug/L	84406	3	11.27	288706	5.0
Mesitylene	10.56	3.1	ug/L	177817	3	11.27	288706	5.0
Benzene, 1-ethyl-...	10.76	2.1	ug/L	121901	3	11.27	288706	5.0
Benzene, 1,2,3-tr...	10.94	8.2	ug/L	472891	3	11.27	288706	5.0
Benzene, 1-propenyl-	11.01	3.5	ug/L	202049	3	11.27	288706	5.0
Benzene, 1,2,4-tr...	11.36	5.0	ug/L	290133	3	11.27	288706	5.0
Indane	11.55	2.2	ug/L	125393	3	11.27	288706	5.0
Indene	11.77	17.1	ug/L	984657	3	11.27	288706	5.0
Benzene, 1-methyl...	11.95	1.1	ug/L	62101	3	11.27	288706	5.0
Indan, 1-methyl-	12.14	2.2	ug/L	125972	3	11.27	288706	5.0
2,4-Dimethylstyrene	12.22	1.1	ug/L	60563	3	11.27	288706	5.0
Benzene, 1,2,4,5-...	12.44	1.3	ug/L	75766	3	11.27	288706	5.0
Benzene, 1,2,3,4-...	12.49	2.4	ug/L	140250	3	11.27	288706	5.0
Benzene, 1-ethyl-...	12.90	3.5	ug/L	203997	3	11.27	288706	5.0
1H-Indene, 1-methyl-	13.08	1.9	ug/L	107097	3	11.27	288706	5.0
Benzo[c]thiophene	13.65	2.5	ug/L	146430	3	11.27	288706	5.0
Naphthalene, 1-me...	14.66	1.9	ug/L	107955	3	11.27	288706	5.0
Biphenylene	16.30	1.8	ug/L	106218	3	11.27	288706	5.0