LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

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_U\METHOD\SOMUTR111418WMA.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	1.402	58	71	78	rBV2	1304992	1860869	8.95%	2.040%
2	1.517	100	107	120	rVB	287683	330132	1.59%	0.362%
3	1.652	133	149	156	rBV2	337454	553855	2.66%	0.607%
4	2.096	279	287	293	rBV	153521	228245	1.10%	0.250%
5	2.984	548	563	589	rBV	735412	1353039	6.51%	1.483%
6	3.447	685	707	733	rBV	385460	916983	4.41%	1.005%
7	4.228	932	950	1010	rVB	1158570	2952737	14.21%	3.236%
8	4.652	1065	1082	1104	rBV2	89675	217765	1.05%	0.239%
9	5.340	1274	1296	1302	rBV2	194147	502190	2.42%	0.550%
10	5.389	1302	1311	1334	rVB	472149	1005341	4.84%	1.102%
11	5.887	1454	1466	1482	rBV	163605	318870	1.53%	0.349%
12	6.215	1542	1568	1583	rBV	629684	1245983	5.99%	1.366%
13	6.334	1598	1605	1619	rVB2	123172	231384	1.11%	0.254%
14	7.565	1969	1988	1997	rBV	246236	440542	2.12%	0.483%
15	7.639	1997	2011	2046	rVB	12515762	20785743	100.00%	22.782%
16	8.318	2210	2222	2256	rBV	364672	694935	3.34%	0.762%
17	9.089	2452	2462	2484	rVB2	253562	557502	2.68%	0.611%
18	9.250	2499	2512	2535	rBV	4340430	6698299	32.23%	7.342%
19	9.376	2535	2551	2568	rBV	9772935	15568239	74.90%	17.063%
20	9.781	2663	2677	2705	rVB	5093122	7923587	38.12%	8.685%
21	10.167	2782	2797	2808	rBV	138737	238086	1.15%	0.261%
22	10.250	2808	2823	2855	rVB	274020	497394	2.39%	0.545%
23	10.588	2914	2928	2940	rBV	155280	248414	1.20%	0.272%
24	10.681	2945	2957	2963	rBV	410630	719416	3.46%	0.789%
25	10.771	2975	2985	3007	rVB	272762	429739	2.07%	0.471%
26	10.919	3018	3031	3039	rBV	171302	264908	1.27%	0.290%
27	10.970	3039	3047	3059	rVB	260882	407675	1.96%	0.447%
28	11.147	3091	3102	3119	rBV	1074301	1604728	7.72%	1.759%
29	11.482	3196	3206	3222	rVB2	298218	483292	2.33%	0.530%
30	11.568	3222	3233	3248	rVB	736314	1126635	5.42%	1.235%
31	11.768	3284	3295	3302	rBV	207780	359447	1.73%	0.394%
32	11.861	3315	3324	3352	rVB4	344369	695103	3.34%	0.762%
33	12.250	3434	3445	3453	rBV	204290	312730	1.50%	0.343%
34	12.353	3467	3477	3505	rVB2	110386	271118	1.30%	0.297%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

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_U\METHOD\SOMUTR111418WMA.M
Title : TRACE VOA SOM01.0

35	12.700	3577	3585	3603	rVB	139957	226039	1.09%	0.248%
36	12.964	3658	3667	3680	rVB	185307	281928	1.36%	0.309%
37	13.070	3690	3700	3707	rBV2	264392	412696	1.99%	0.452%
38	13.121	3707	3716	3733	rVB3	493605	800180	3.85%	0.877%
39	13.289	3757	3768	3791	rVB	647760	1030375	4.96%	1.129%
40	13.742	3889	3909	3919	rBV	708417	1132433	5.45%	1.241%
41	13.855	3933	3944	3960	rBV	336302	524688	2.52%	0.575%
42	13.948	3960	3973	3985	rBV	416526	684636	3.29%	0.750%
43	14.154	4026	4037	4053	rBV	131005	253260	1.22%	0.278%
44	14.350	4082	4098	4117	rBV2	998269	1688660	8.12%	1.851%
45	14.539	4147	4157	4169	rVB2	189742	359465	1.73%	0.394%
46	14.674	4187	4199	4214	rBV	794240	1266186	6.09%	1.388%
47	14.874	4237	4261	4272	rBV2	1710425	3191800	15.36%	3.498%
48	14.932	4272	4279	4293	rVB4	265530	475931	2.29%	0.522%
49	15.060	4310	4319	4331	rVV	660606	1040471	5.01%	1.140%
50	15.128	4331	4340	4346	rVV2	180427	304943	1.47%	0.334%
51	15.163	4346	4351	4364	rVB2	136821	216859	1.04%	0.238%
52	15.240	4364	4375	4388	rBV5	206436	428144	2.06%	0.469%
53	15.604	4466	4488	4499	rBV4	631727	1682743	8.10%	1.844%
54	15.800	4539	4549	4570	rVB3	267151	558141	2.69%	0.612%
55	15.912	4571	4584	4594	rBV2	545697	995083	4.79%	1.091%
56	16.057	4621	4629	4636	rBV	433130	717103	3.45%	0.786%
57	16.096	4636	4641	4660	rVB	432806	664938	3.20%	0.729%
58	16.282	4686	4699	4715	rVB2	106569	255735	1.23%	0.280%

Sum of corrected areas: 91237362

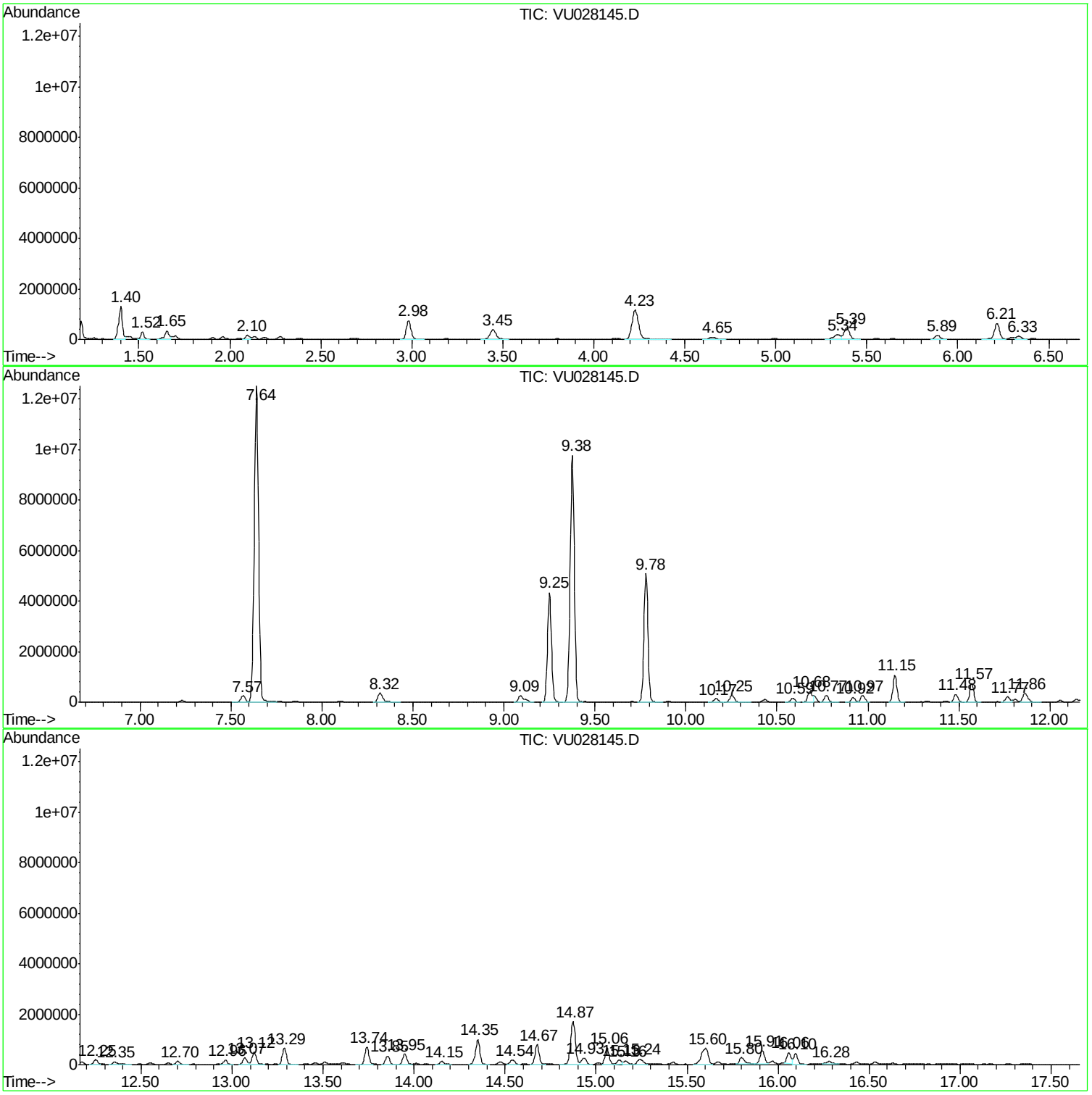
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

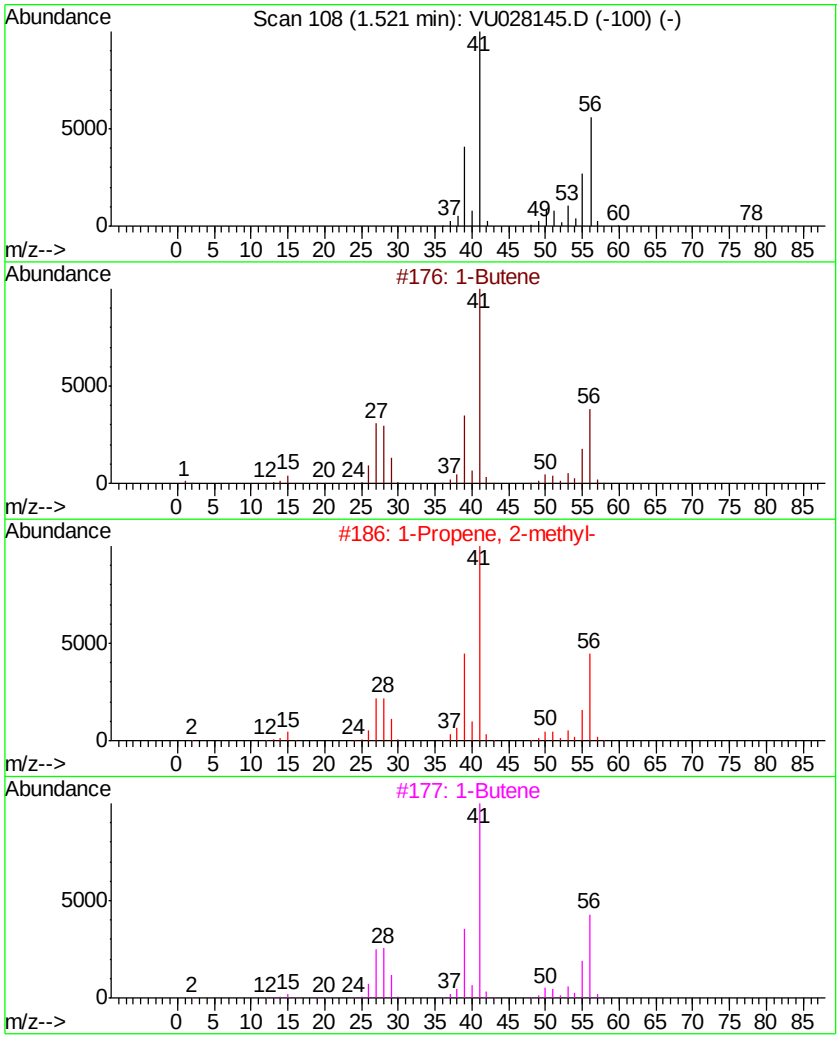
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

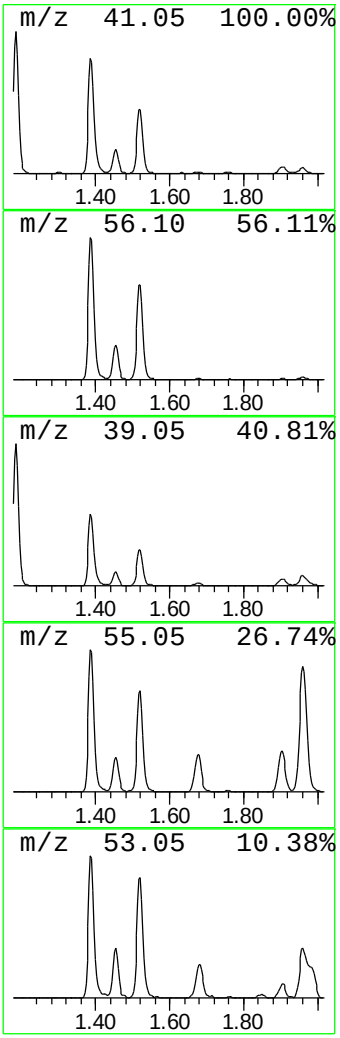
****

Peak Number 1 (DEL) Alkane: Cyclic1.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	5.18 ug/L	330132	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
3	1-Butene	56	C4H8	000106-98-9	86
4	1-Butene	56	C4H8	000106-98-9	86
5	2-Butene, (Z)-	56	C4H8	000590-18-1	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

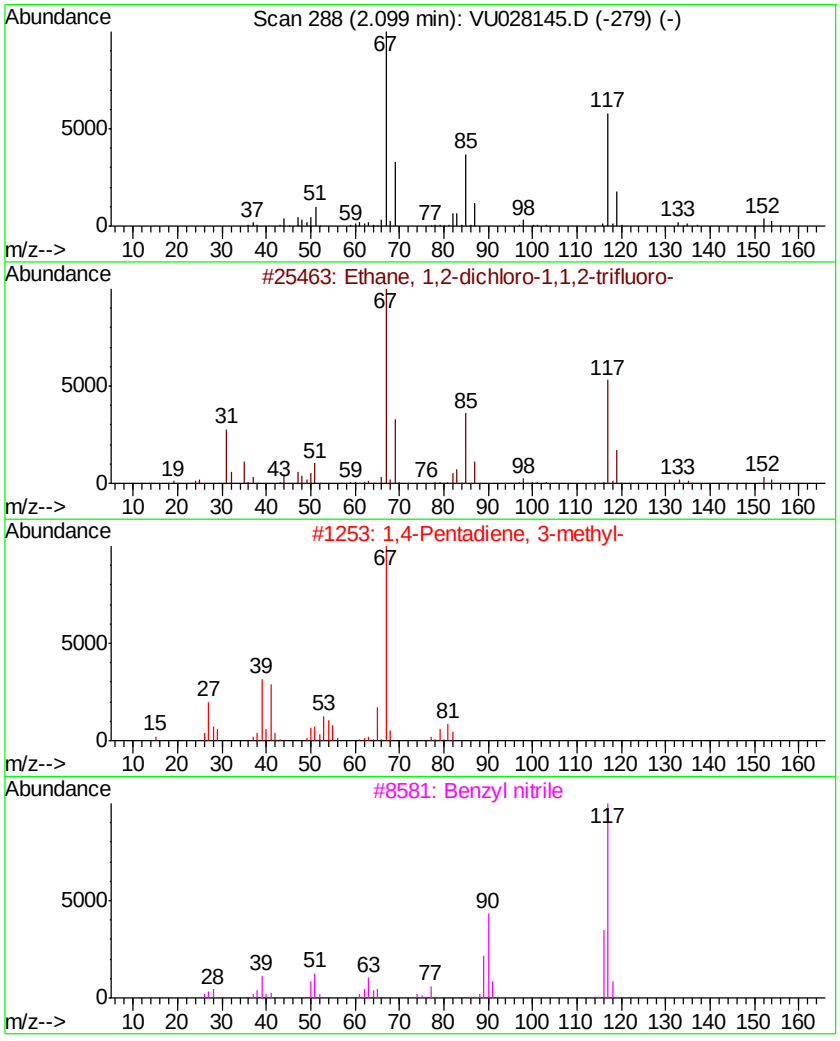
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

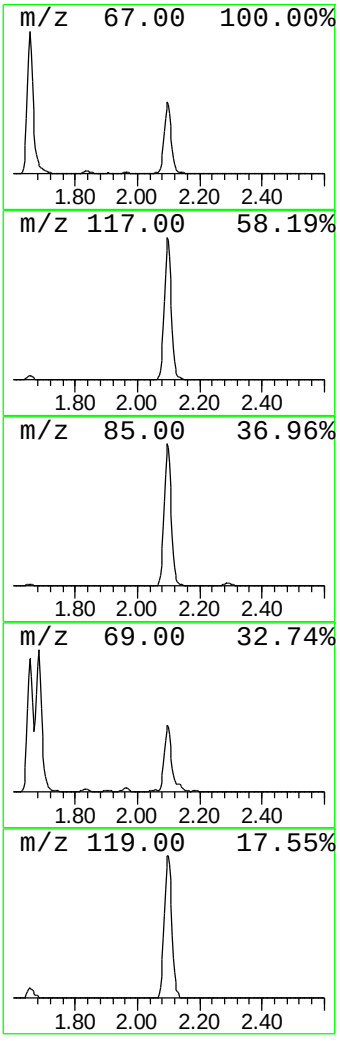
****

Peak Number 2 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	3.58 ug/L	228245	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	97
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
3	Benzyl nitrile	117	C8H7N	000140-29-4	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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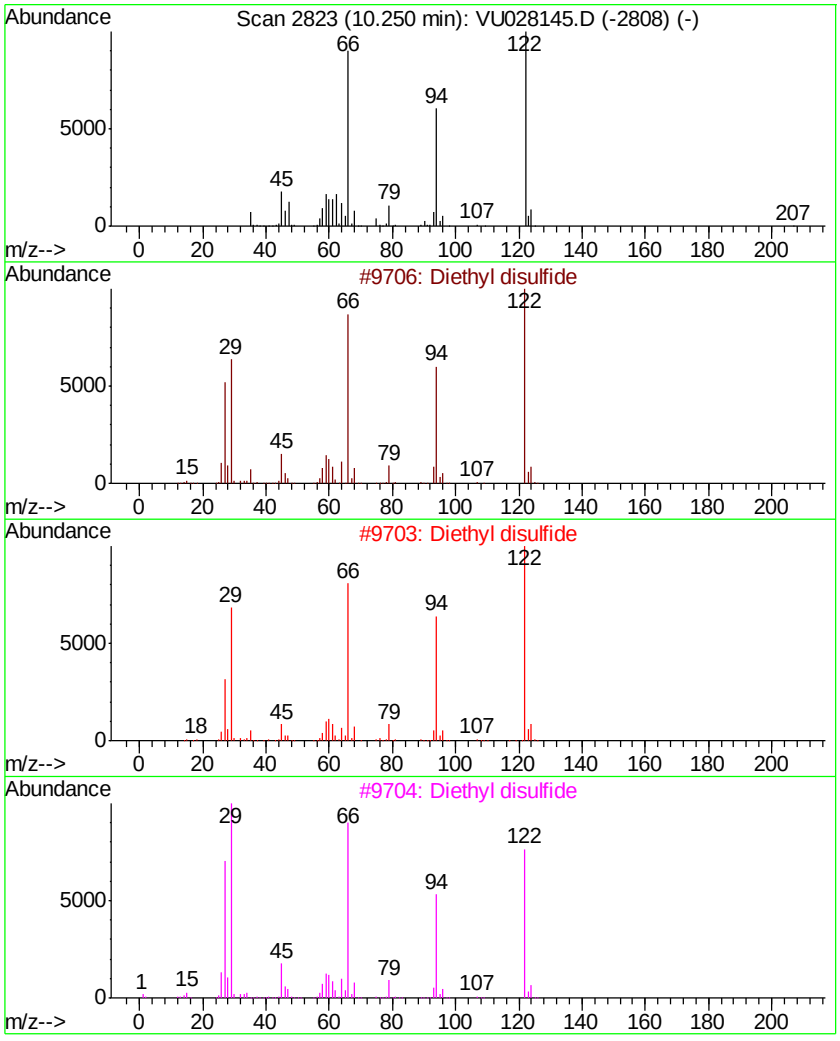
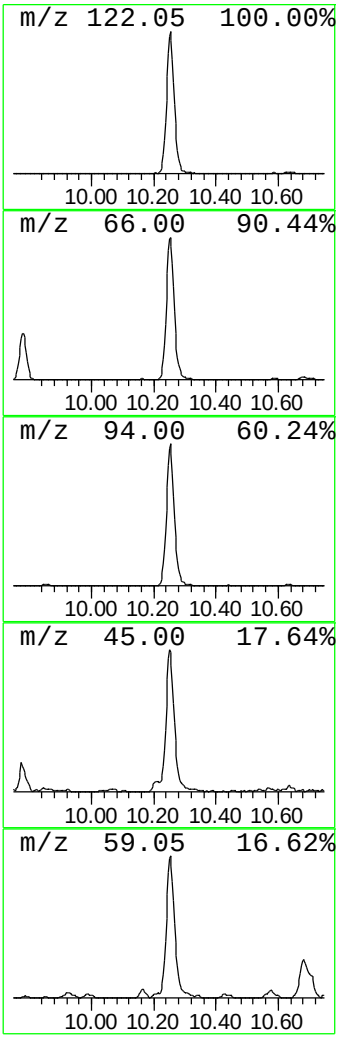
Peak Number 3 Diethyl disulfide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.46 ug/L	497394	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl disulfide	122	C4H10S2	000110-81-6	96
2	Diethyl disulfide	122	C4H10S2	000110-81-6	94
3	Diethyl disulfide	122	C4H10S2	000110-81-6	93
4	5-exo-Methyl-5-norbornenol	124	C8H12O	003212-13-3	47
5	6-exo-Methyl-5-exo-norbornenol	124	C8H12O	060362-83-6	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

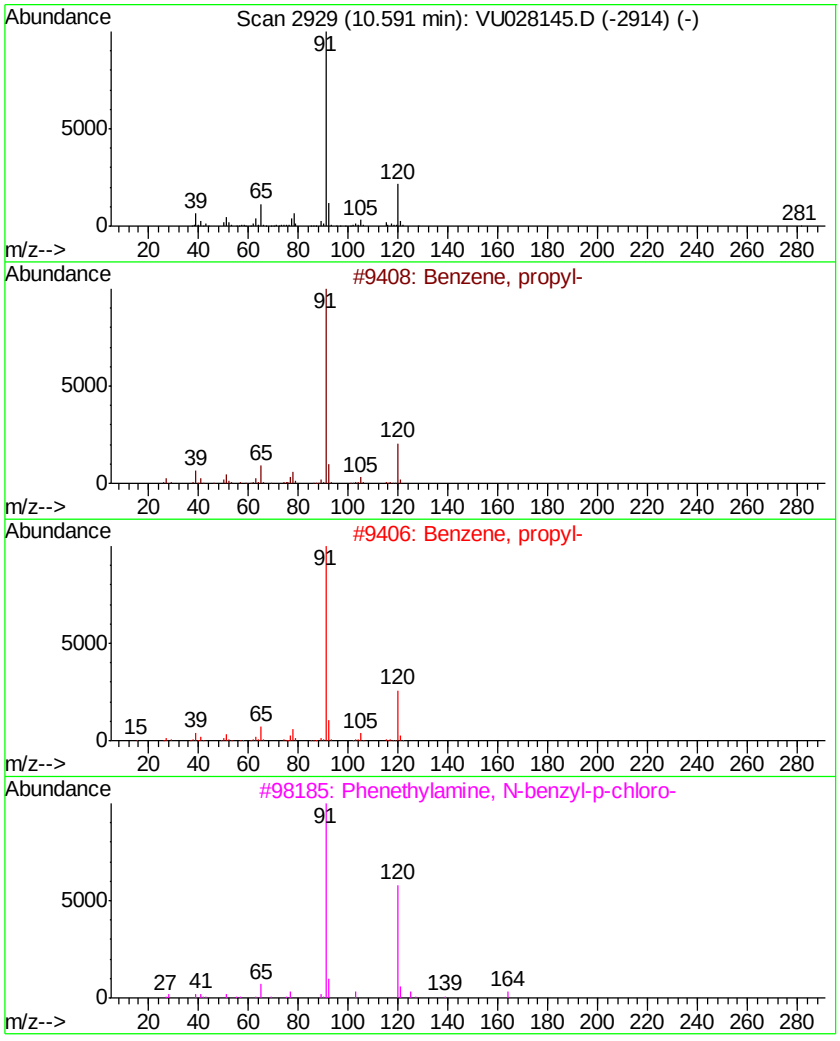
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

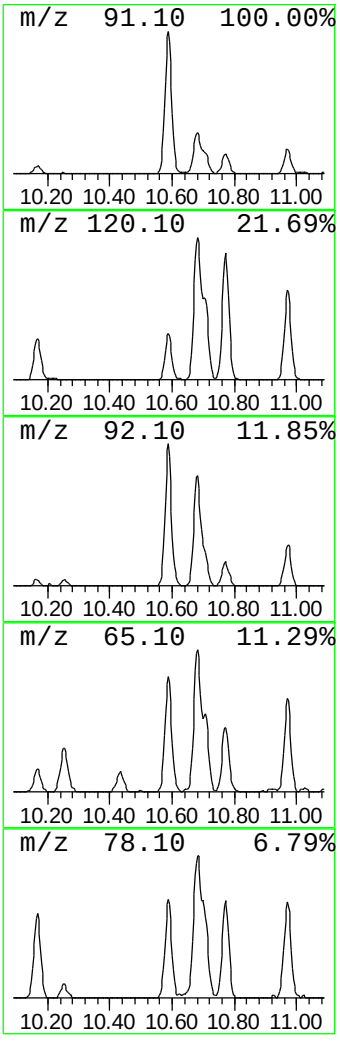
****

Peak Number 4 Benzene, propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.57 ug/L	248414	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

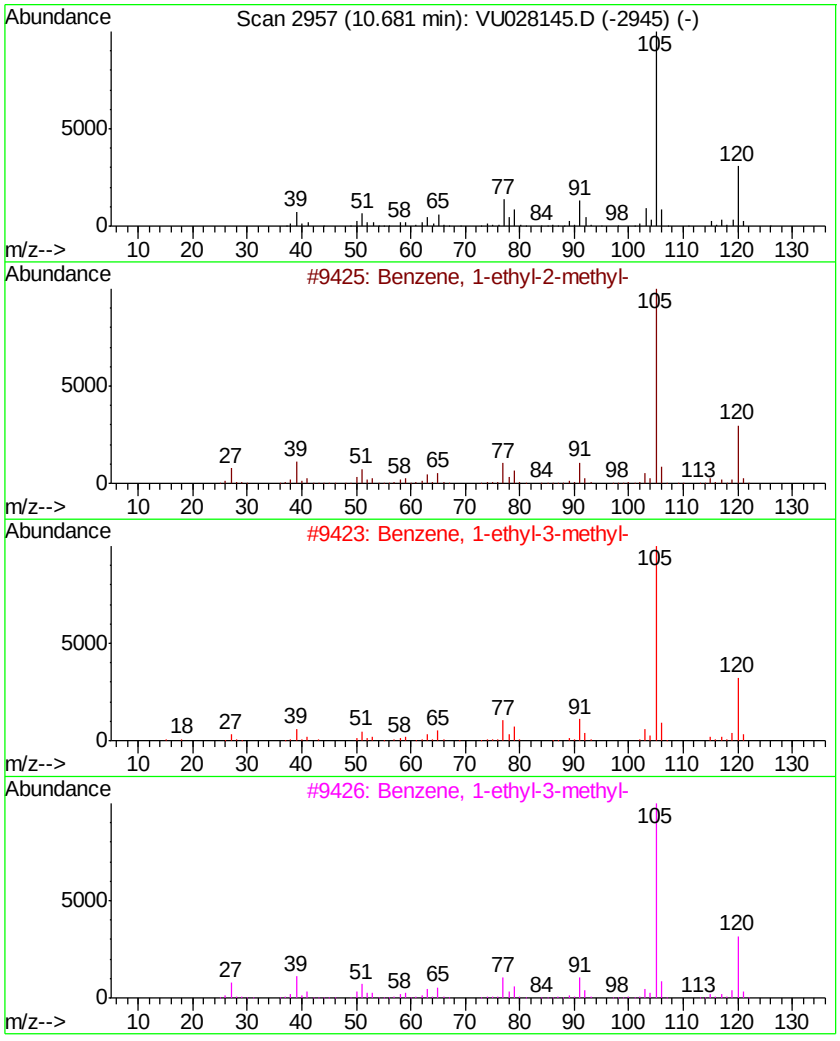
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

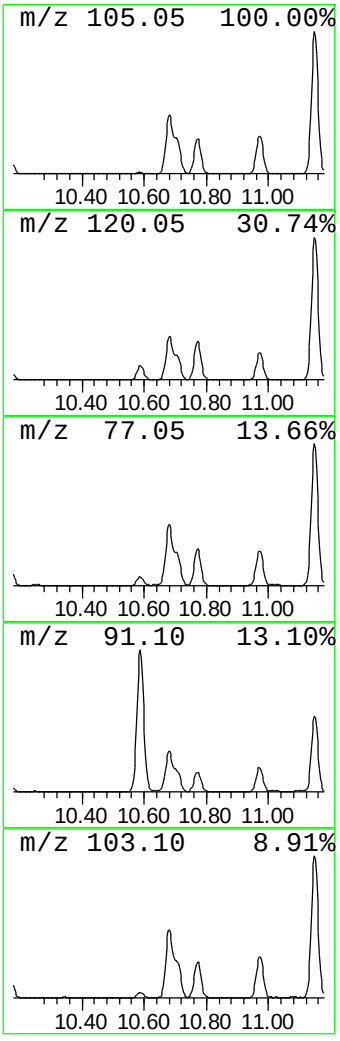
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	7.44 ug/L	719416	1,4-Dichlorobenzene-d4	11.48

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

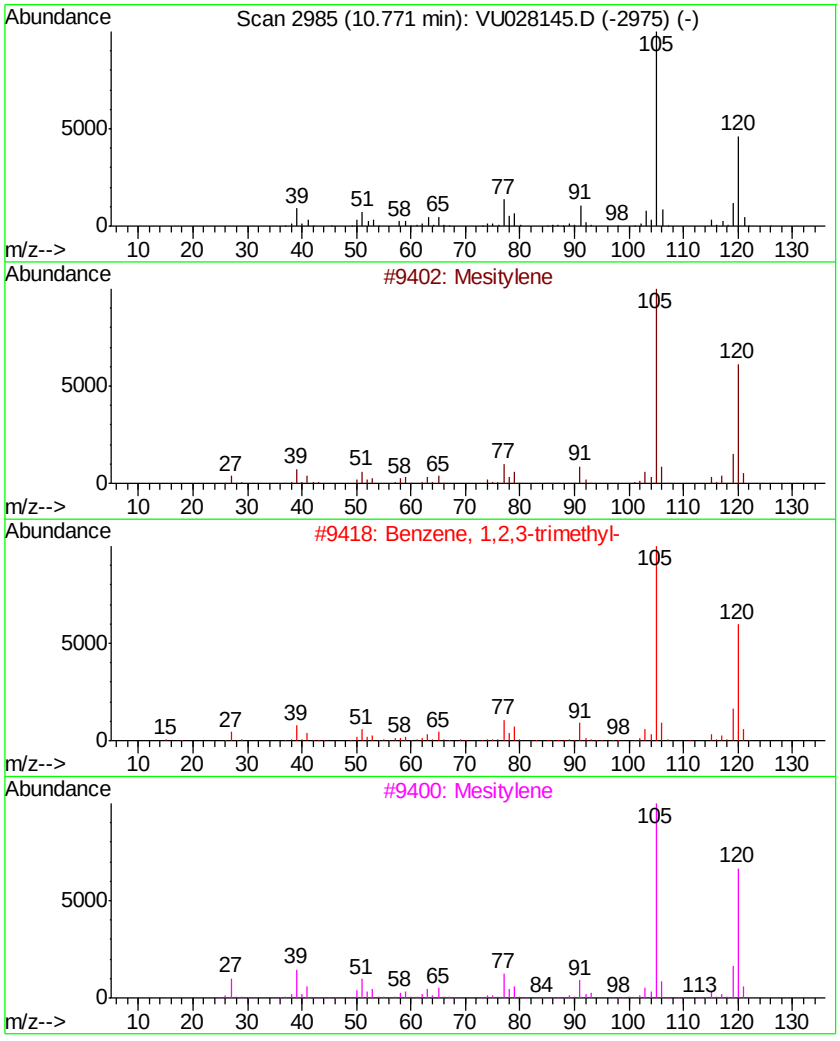
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

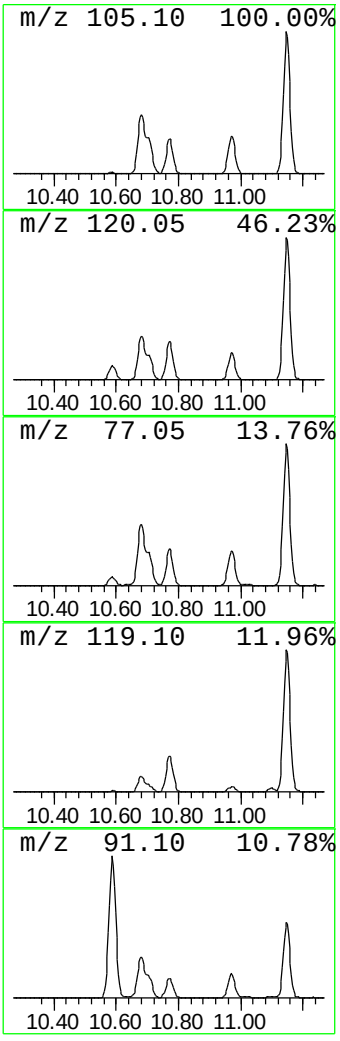
****

Peak Number 6 Mesitylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.45 ug/L	429739	1,4-Dichlorobenzene-d4	11.48

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	Mesitylene	120	C9H12	000108-67-8	95
4	Mesitylene	120	C9H12	000108-67-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

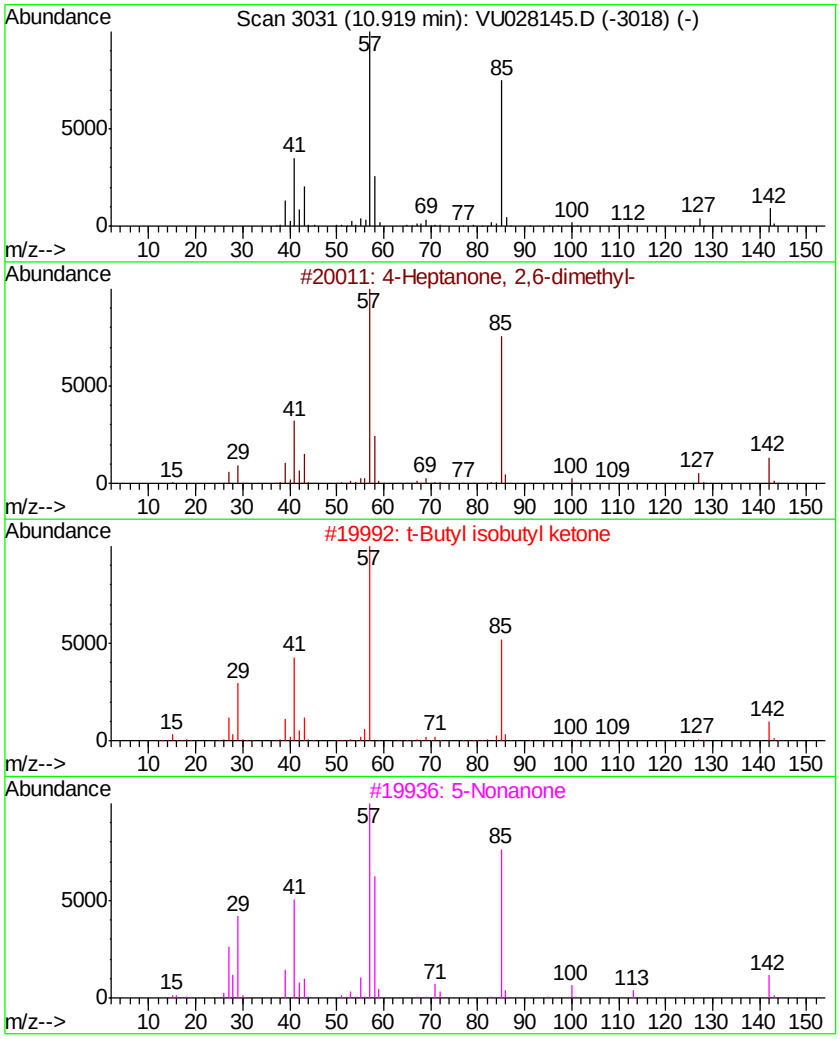
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

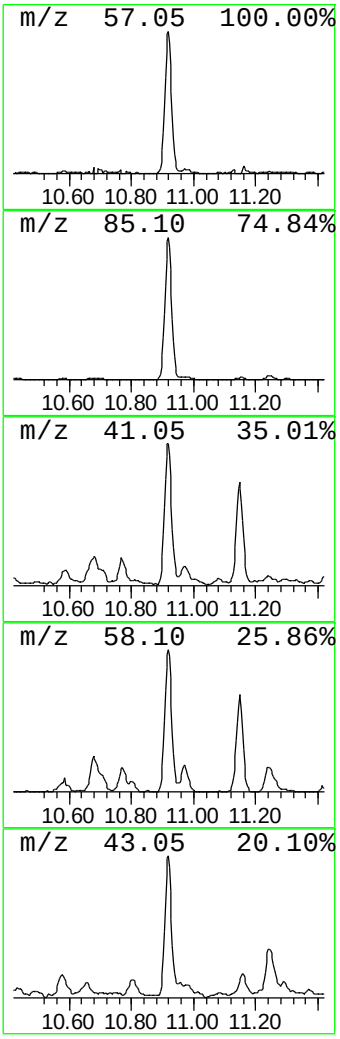
****

Peak Number 7 4-Heptanone, 2,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.74 ug/L	264908	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	64
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

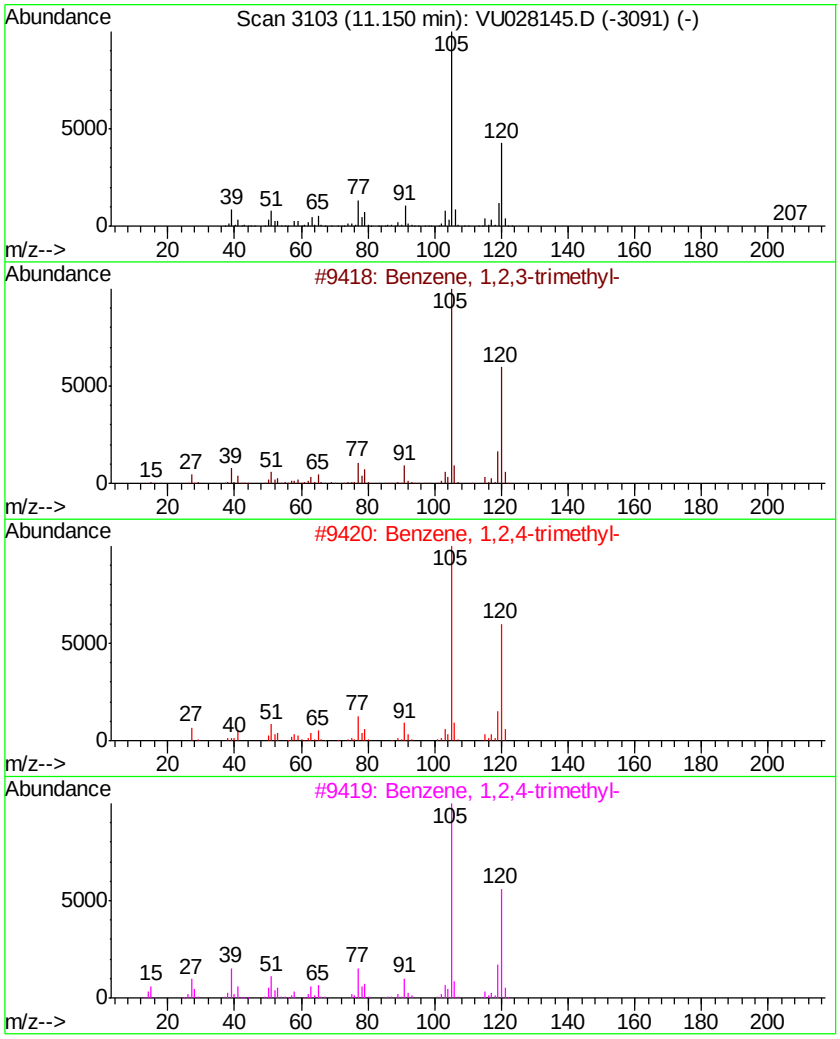
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

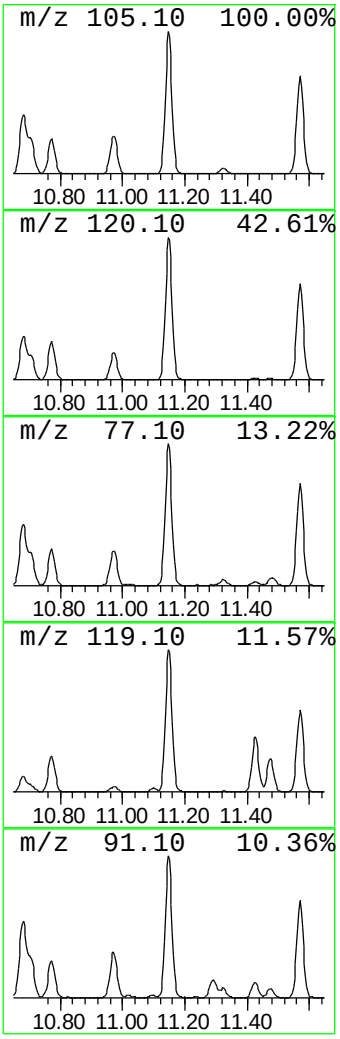
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	16.60 ug/L	1604730	1,4-Dichlorobenzene-d4	11.48

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	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

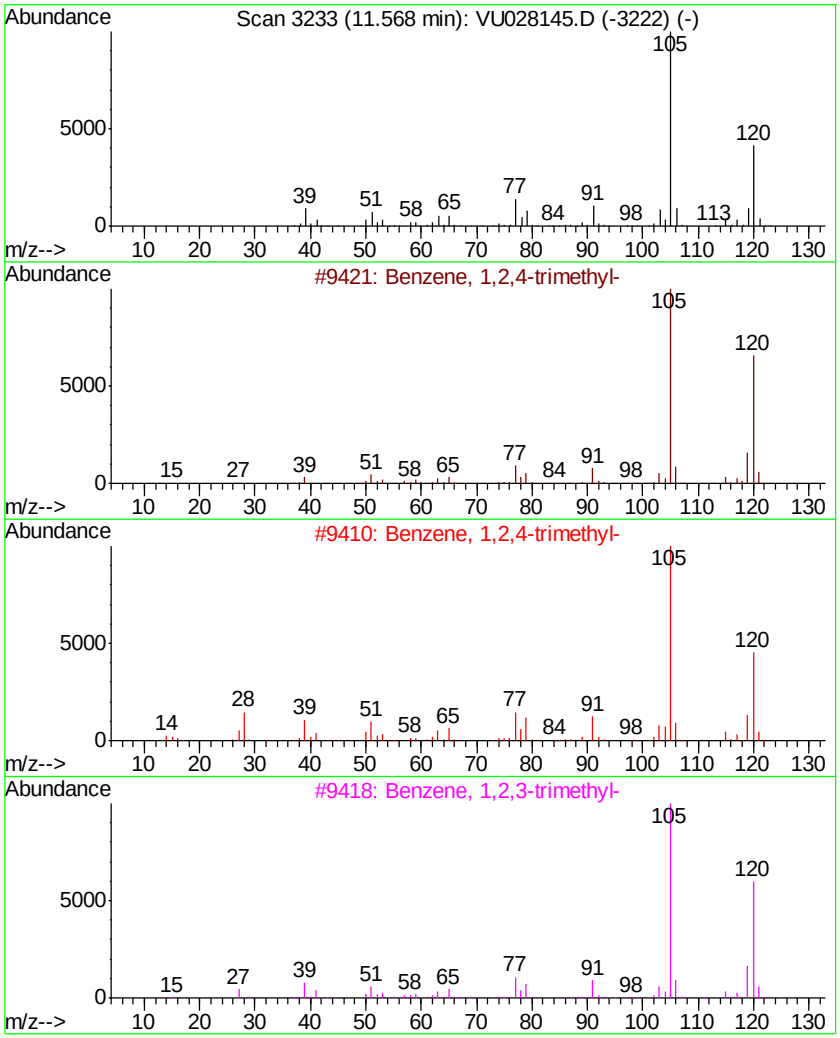
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

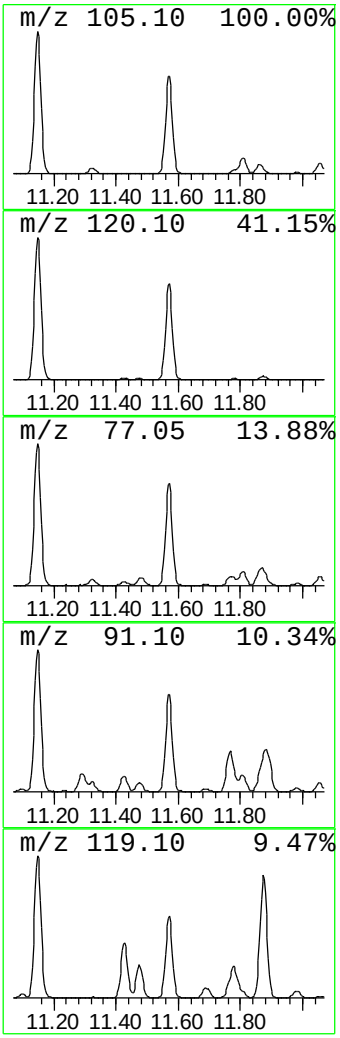
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.66 ug/L	1126640	1,4-Dichlorobenzene-d4	11.48

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





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Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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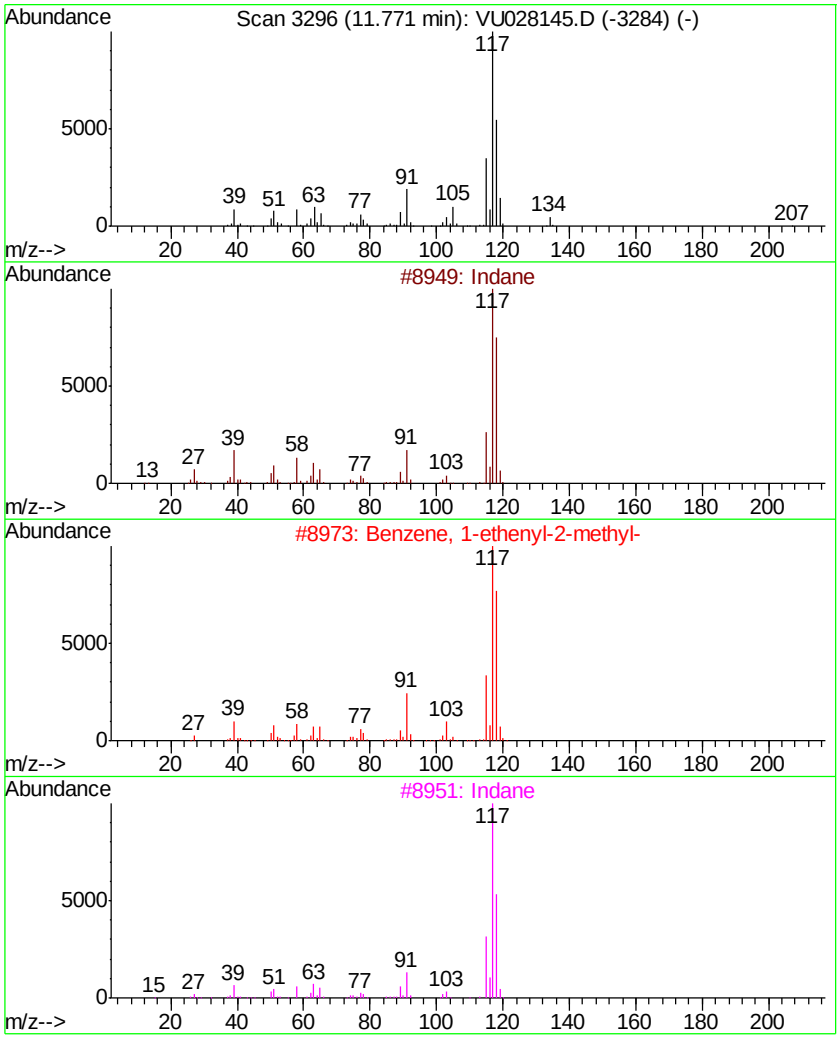
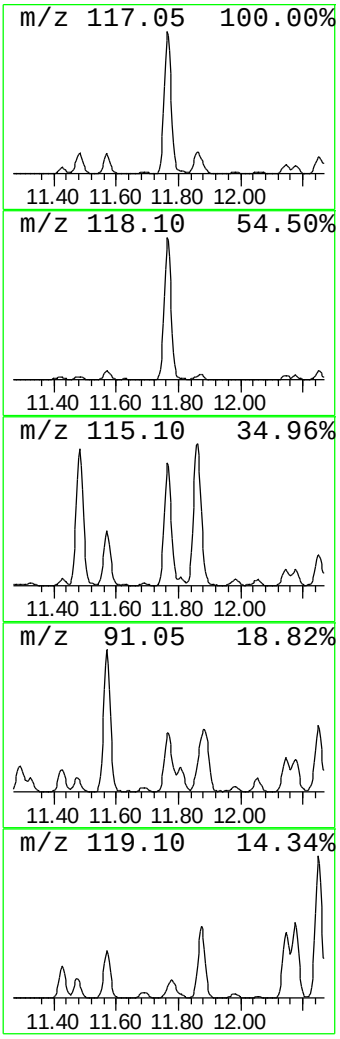
Peak Number 11 Indane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.72 ug/L	359447	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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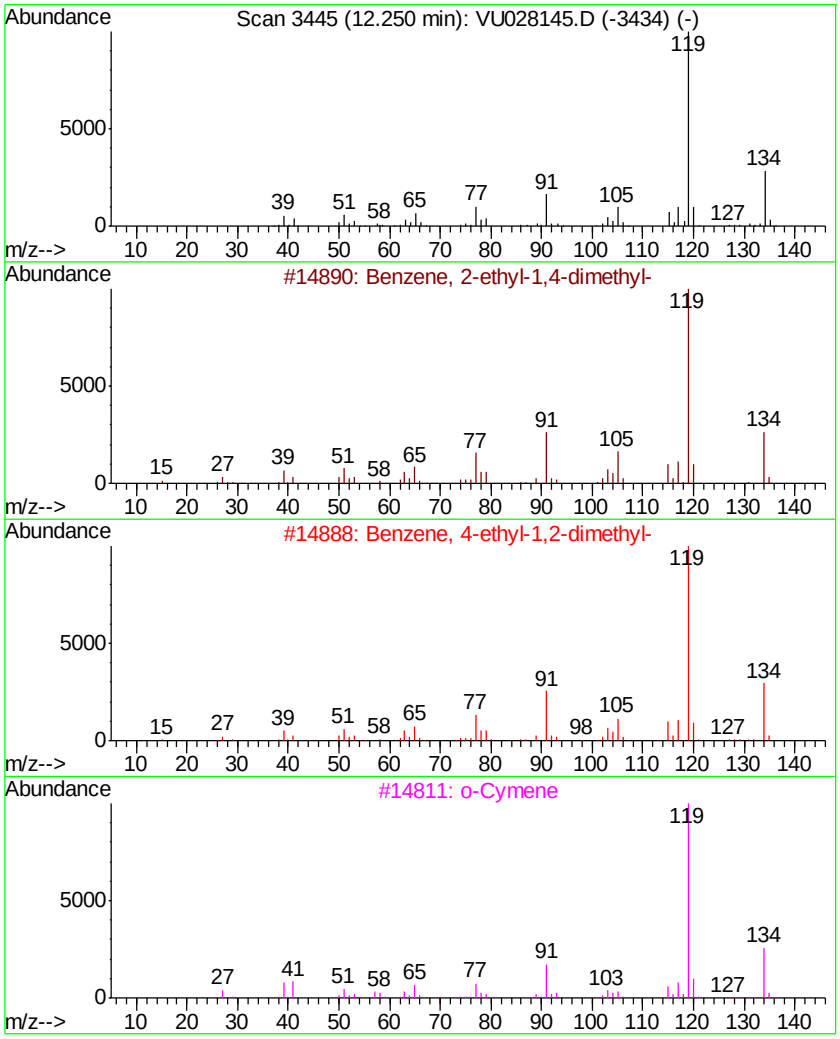
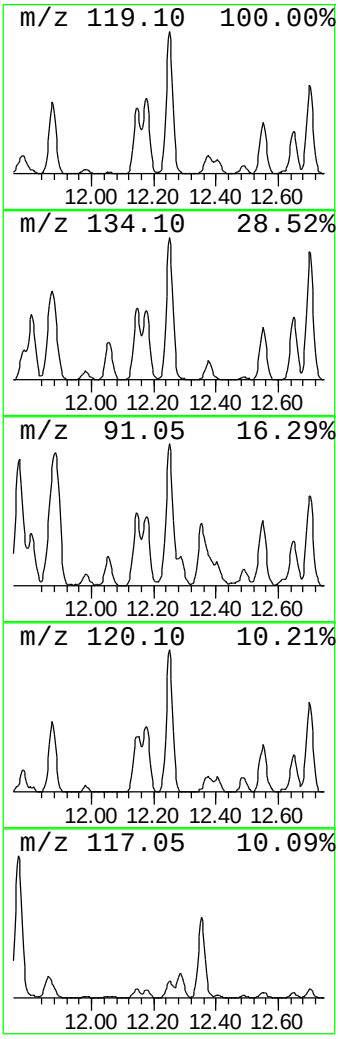
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.24 ug/L	312730	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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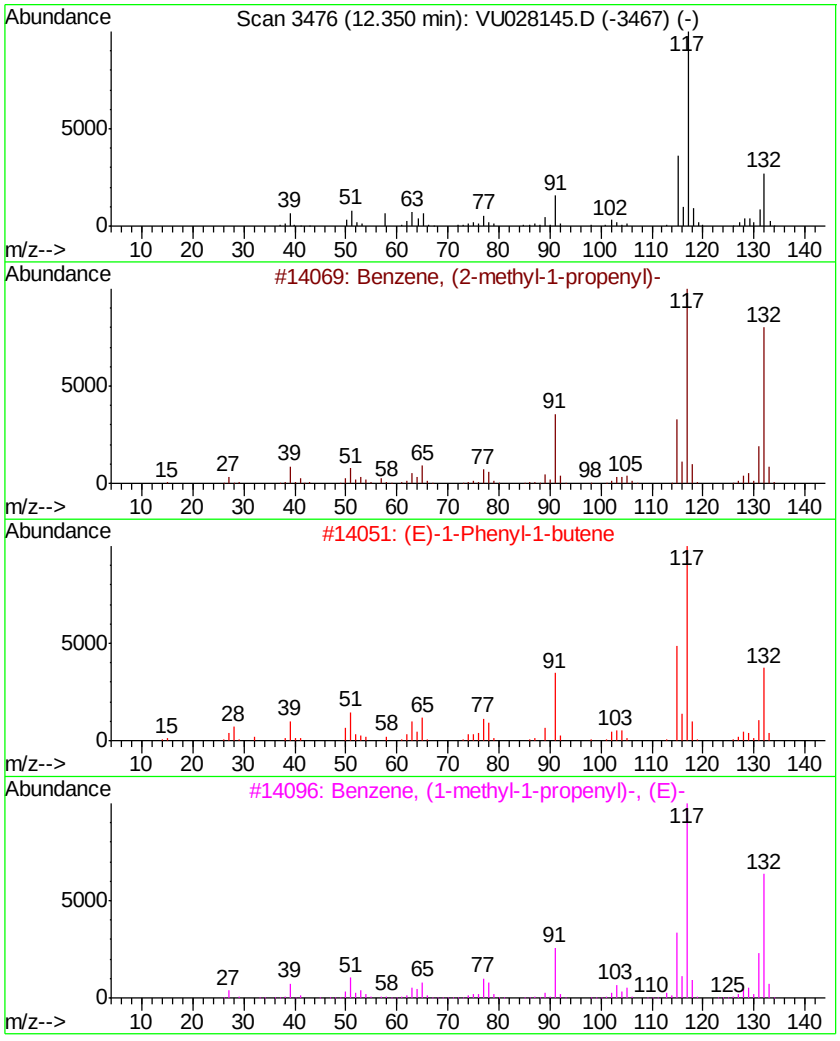
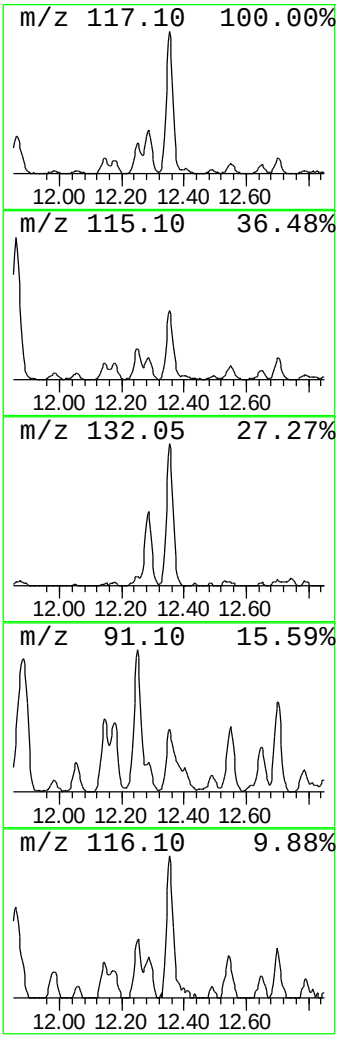
Peak Number 13 Benzene, (2-methyl-1-propen... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.80 ug/L	271118	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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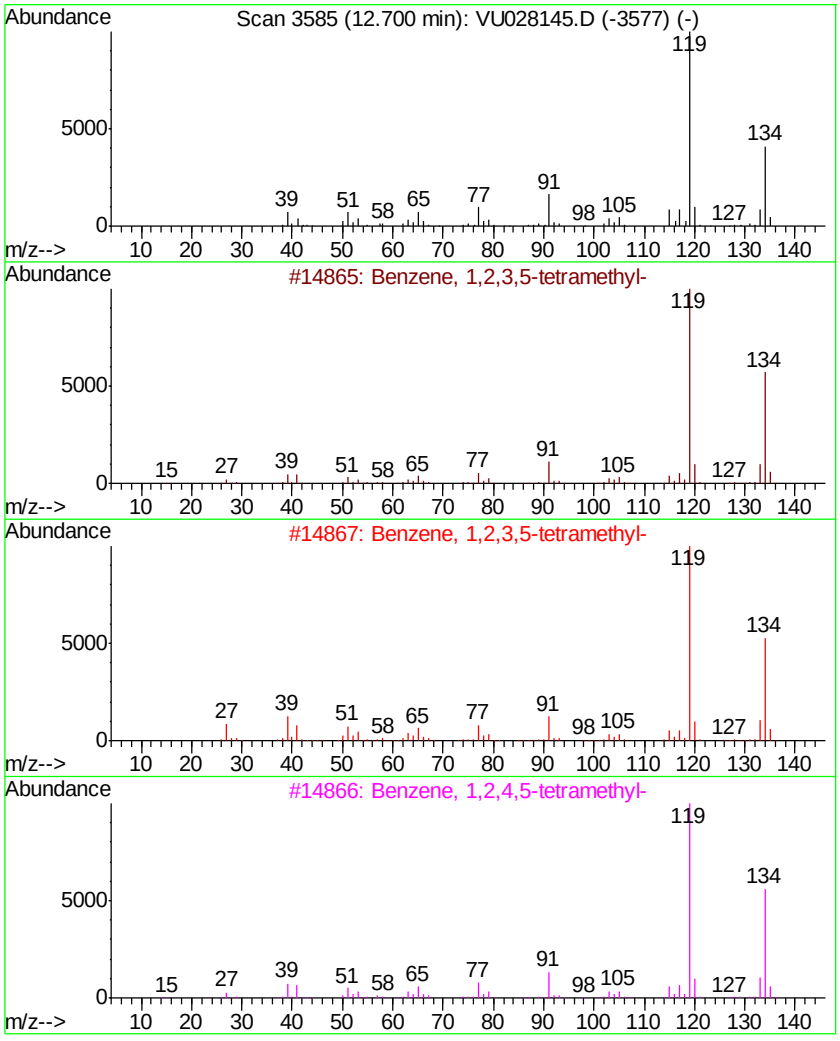
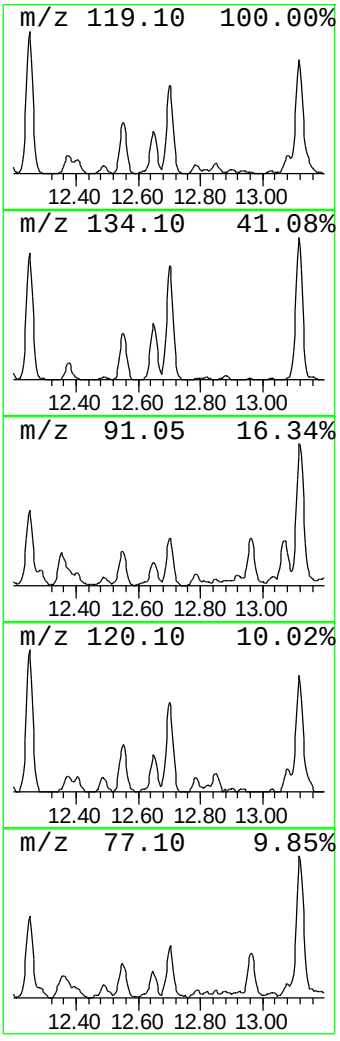
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.34 ug/L	226039	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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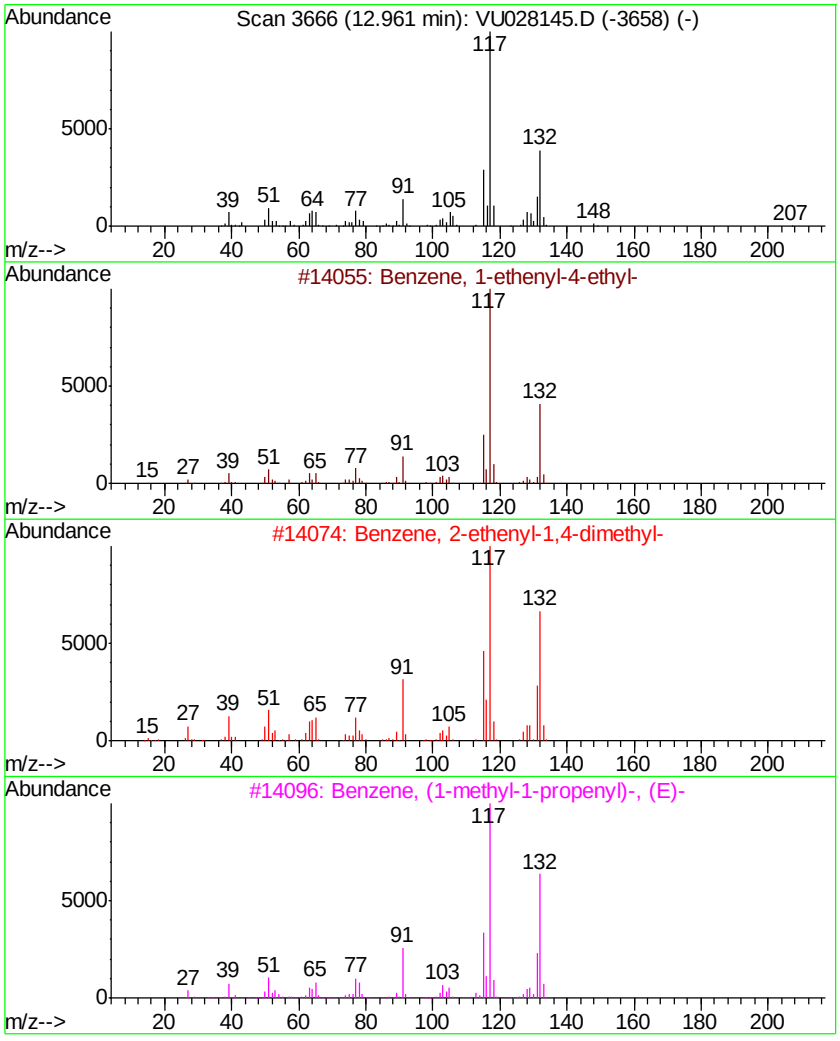
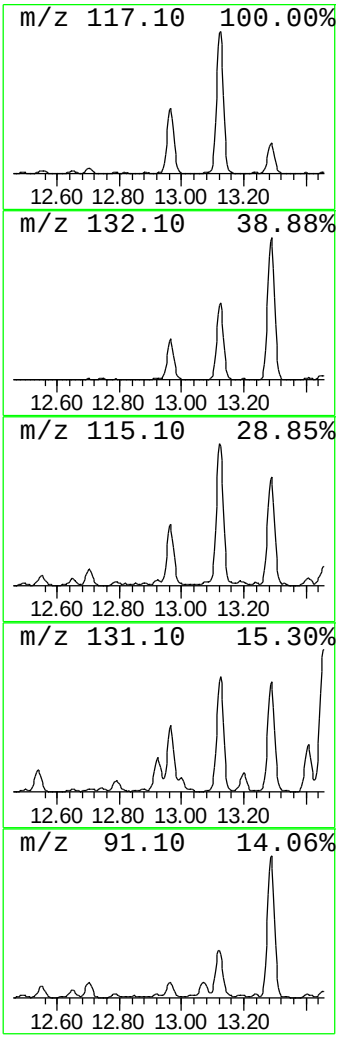
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.92 ug/L	281928	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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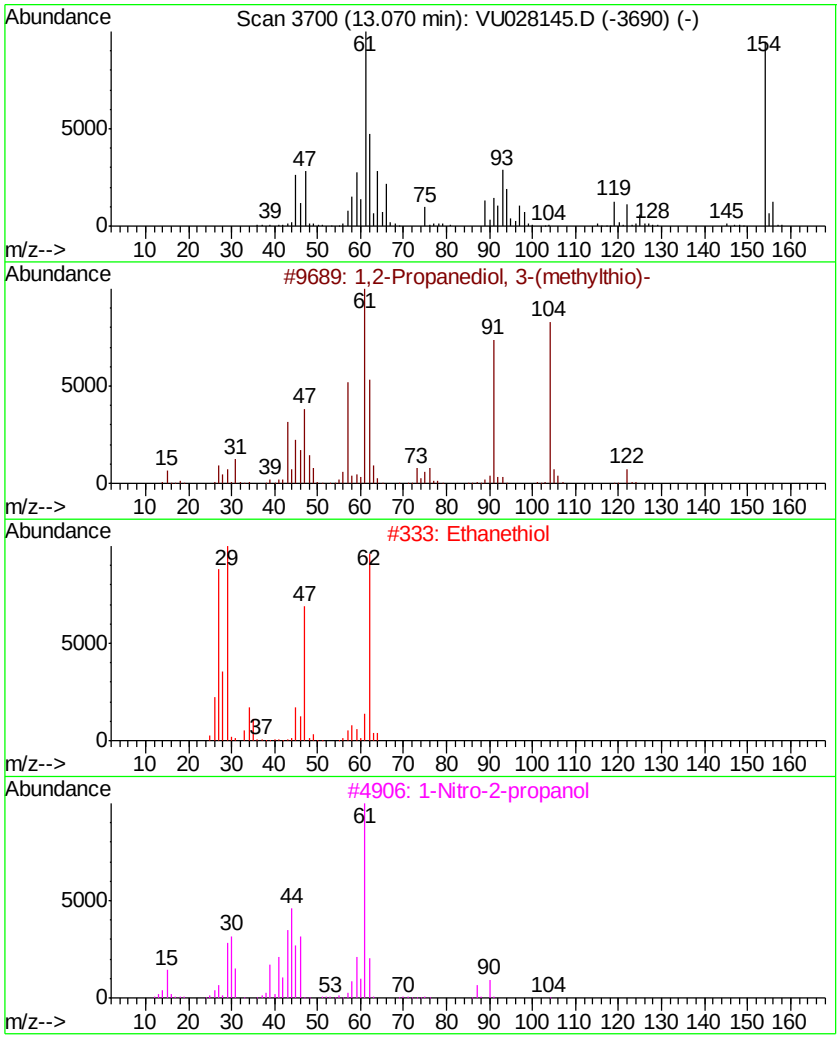
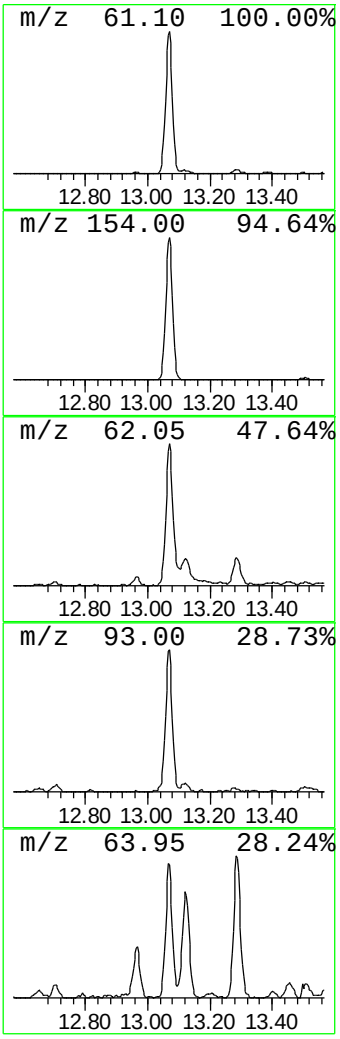
Peak Number 16 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.27 ug/L	412696	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Propanediol, 3-(methylthio)-	122	C4H10O2S	022551-26-4	37
2	Ethanethiol	62	C2H6S	000075-08-1	16
3	1-Nitro-2-propanol	105	C3H7NO3	003156-73-8	10
4	Trisulfide, diethyl	154	C4H10S3	003600-24-6	10
5	2,4-Dithiapentane	108	C3H8S2	001618-26-4	10





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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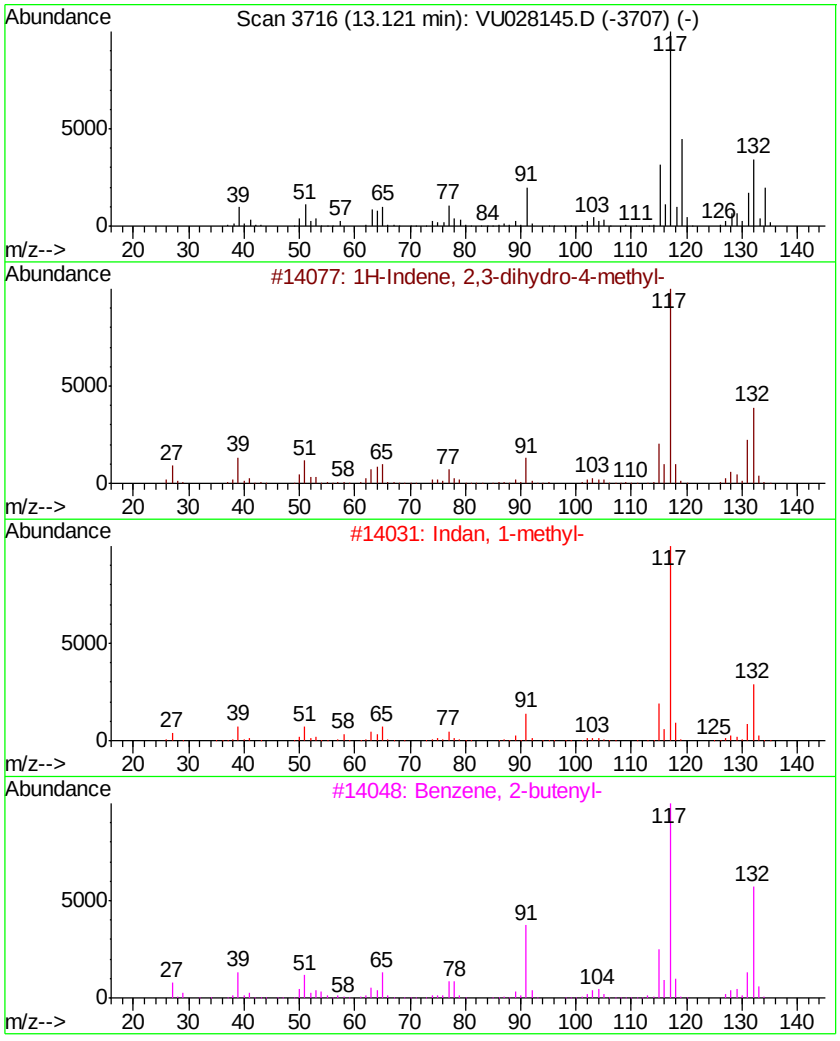
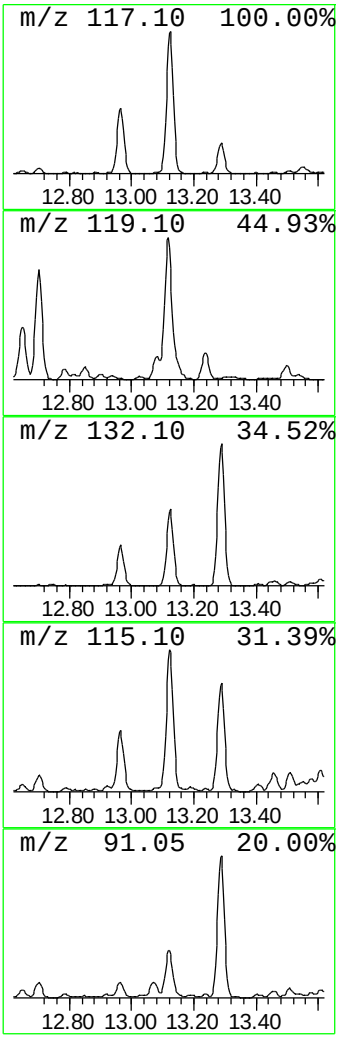
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	8.28 ug/L	800180	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





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Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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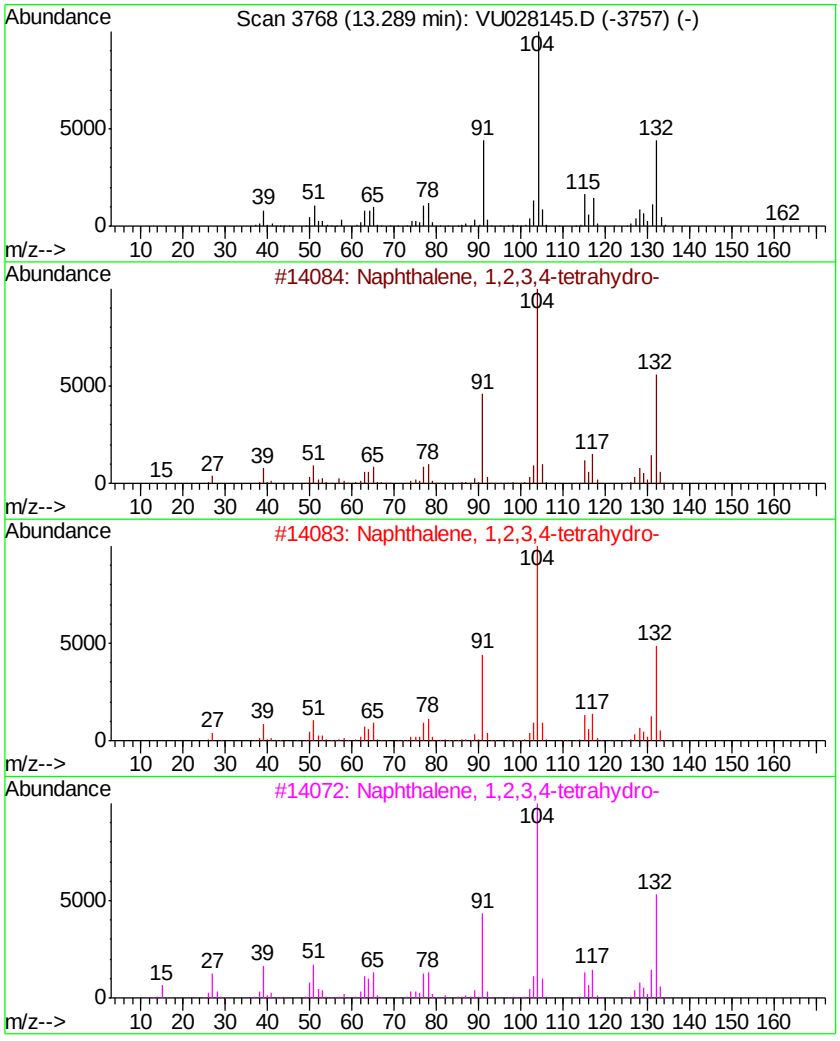
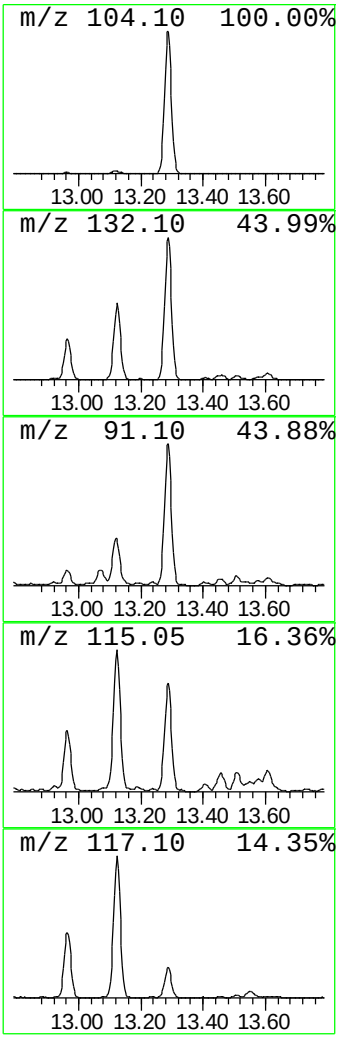
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	10.66 ug/L	1030380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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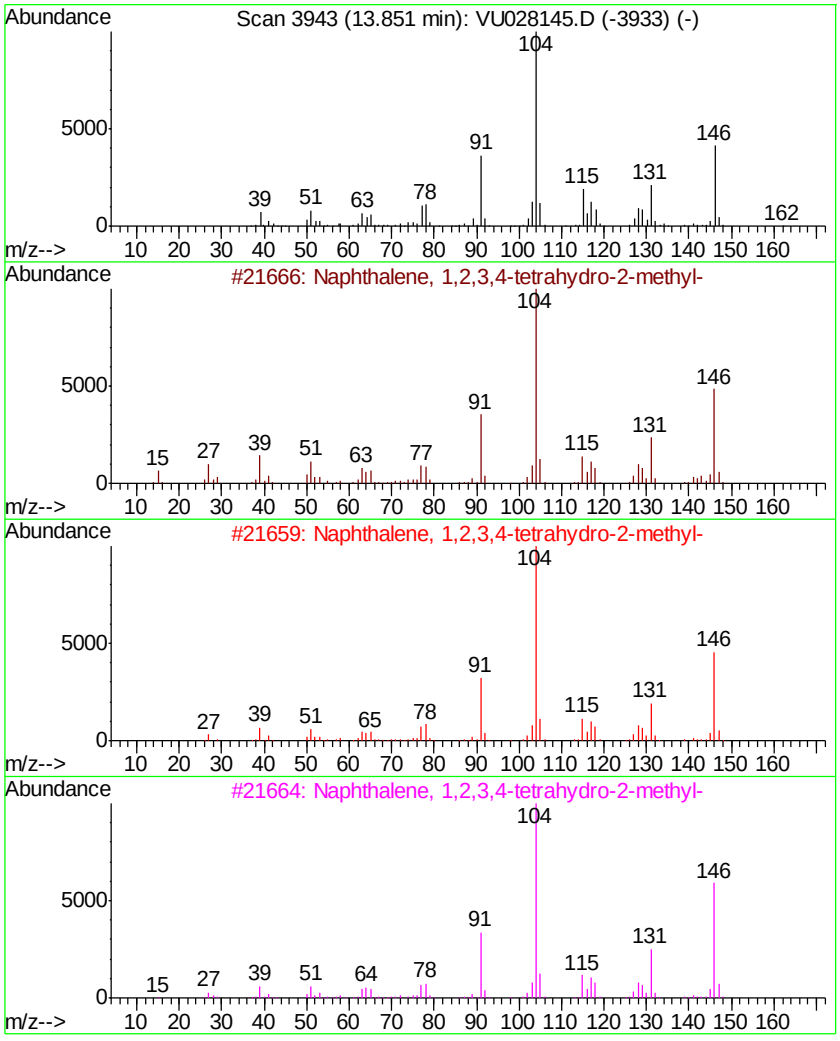
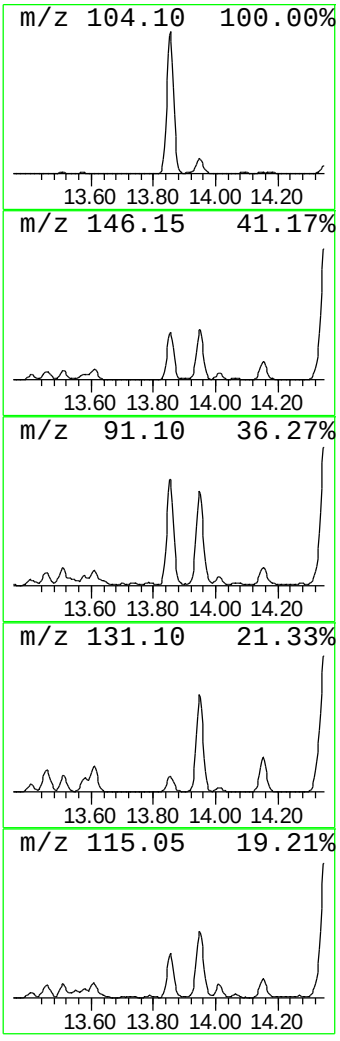
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.43 ug/L	524688	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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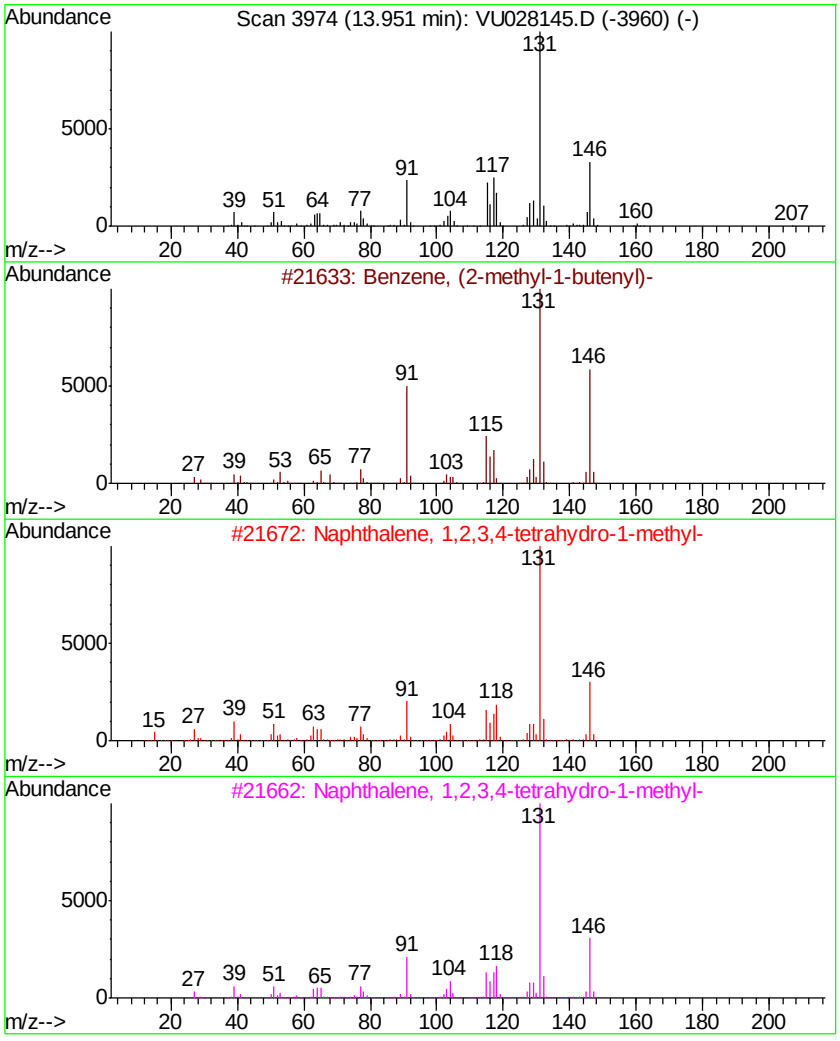
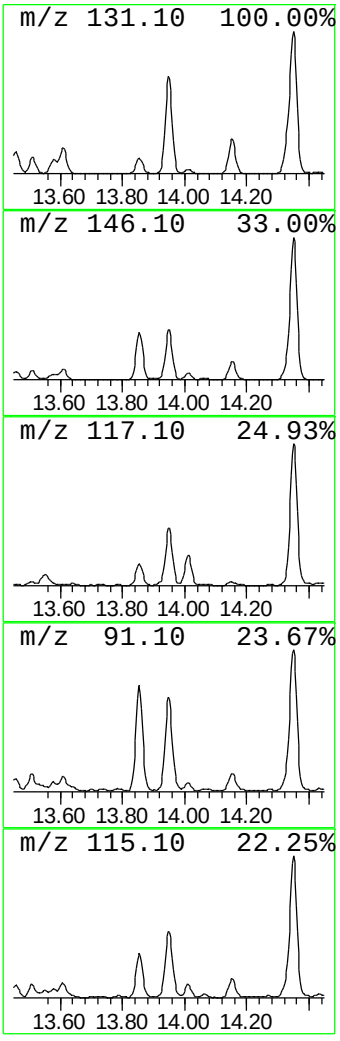
Peak Number 21 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.08 ug/L	684636	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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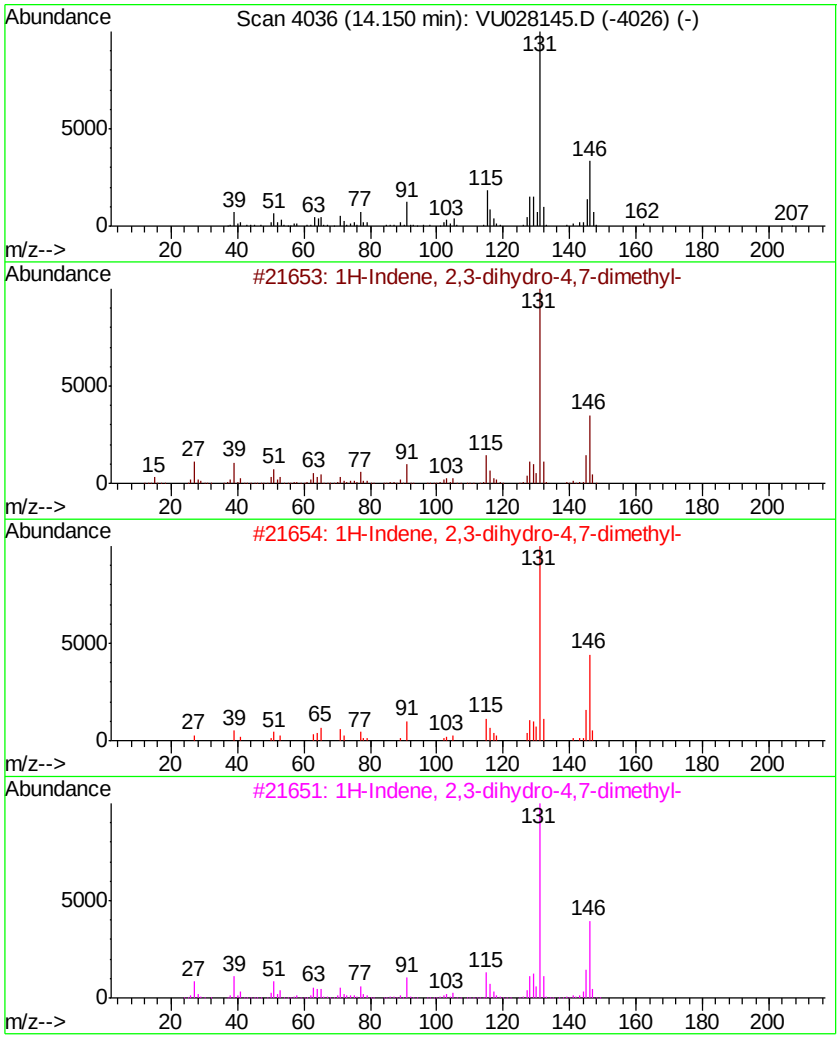
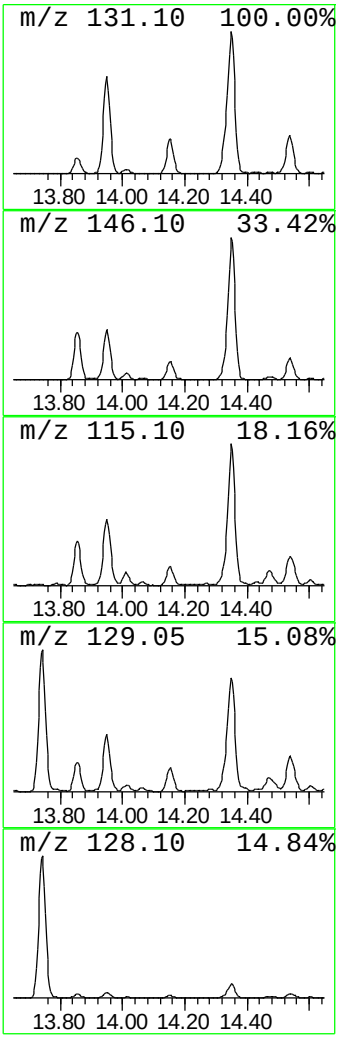
Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.62 ug/L	253260	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Library Search Compound Report

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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

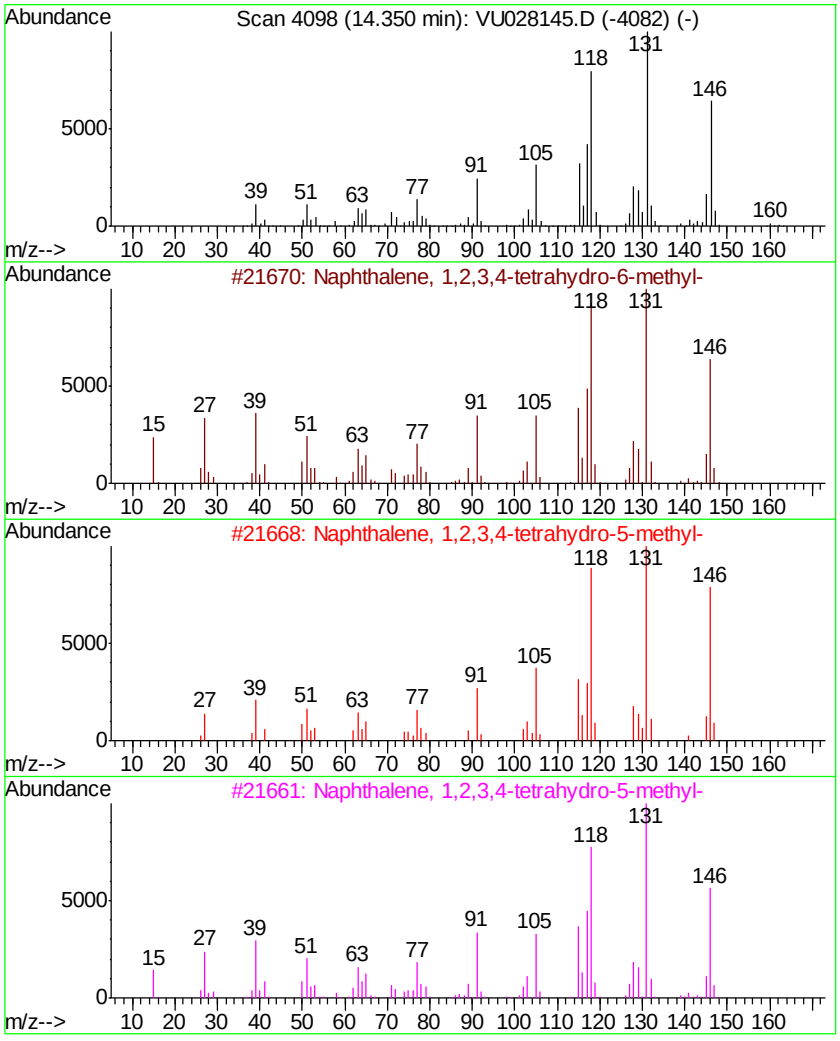
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

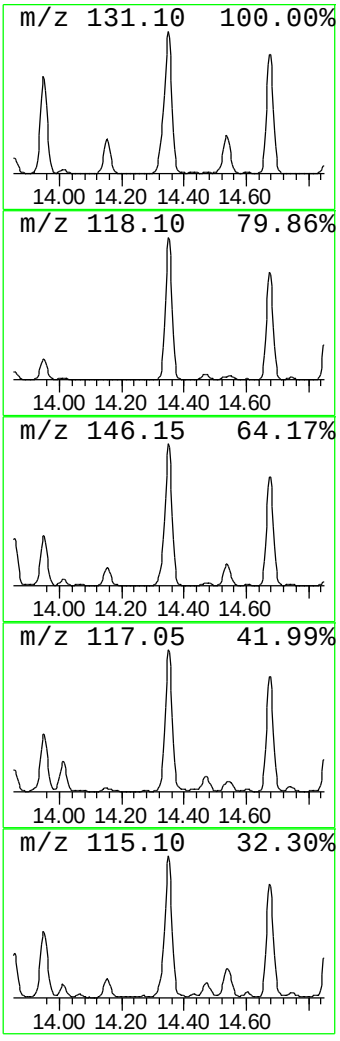
****

Peak Number 23 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	17.47 ug/L	1688660	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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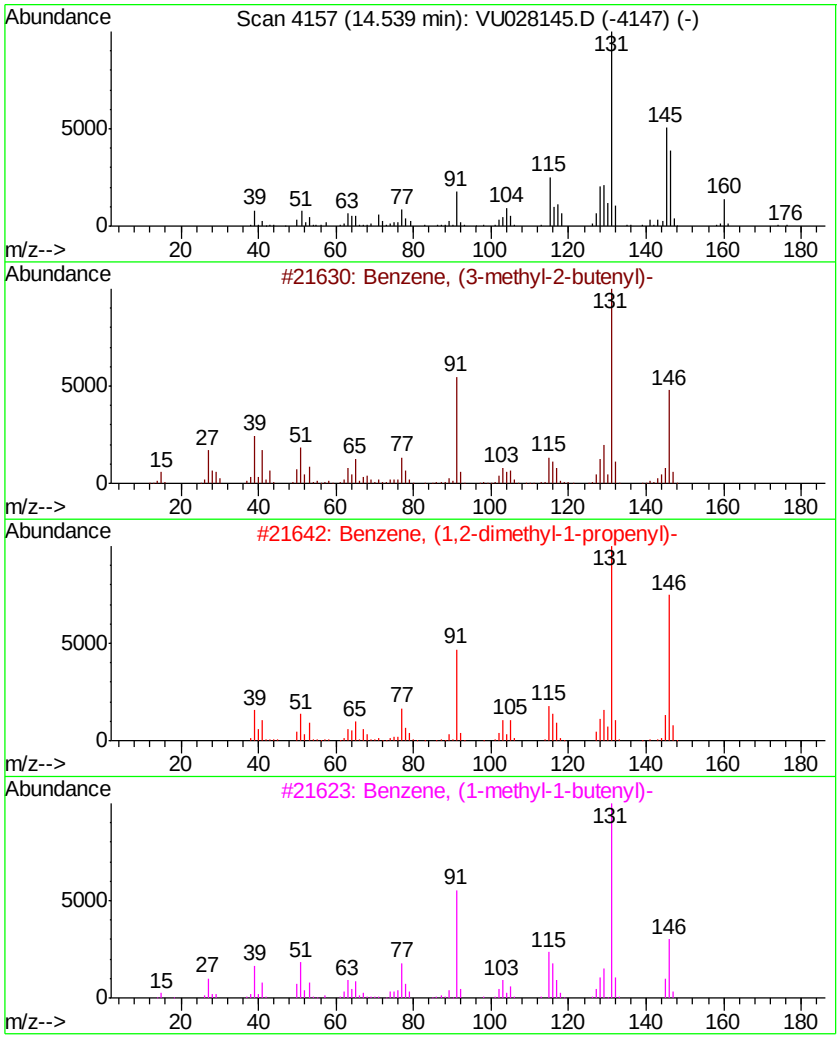
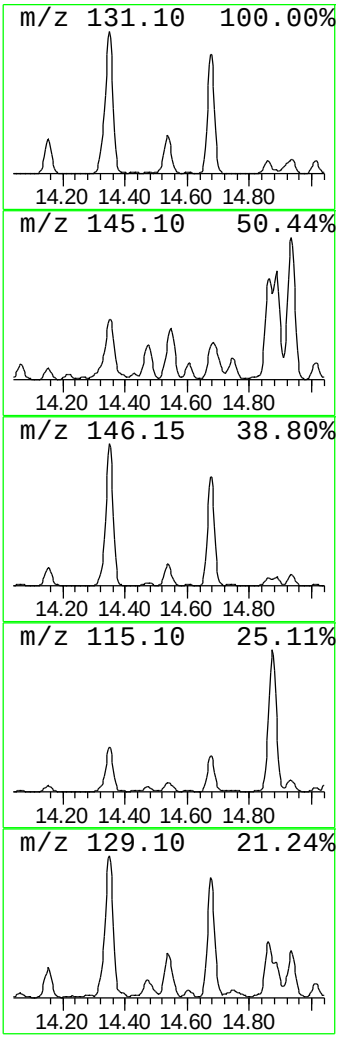
Peak Number 24 Benzene, (3-methyl-2-butenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.72 ug/L	359465	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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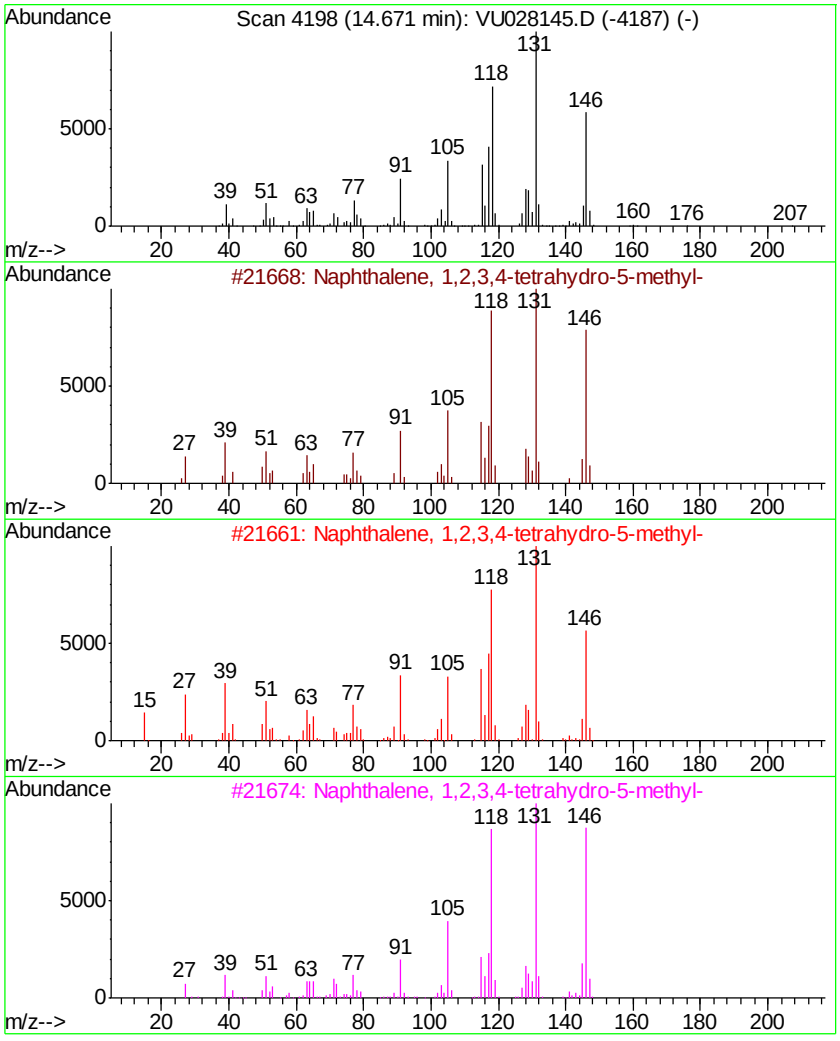
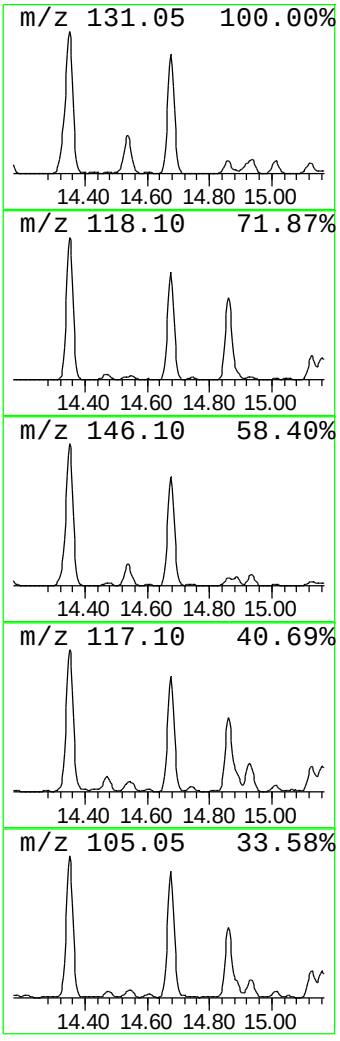
Peak Number 25 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	13.10 ug/L	1266190	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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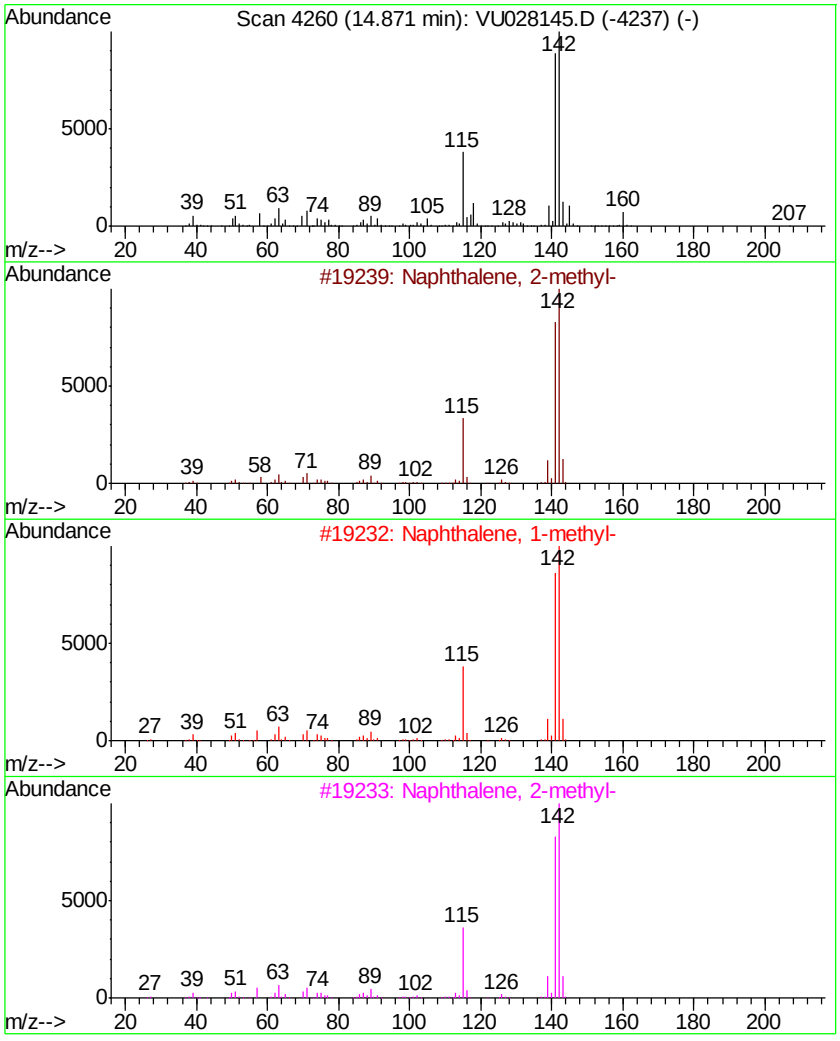
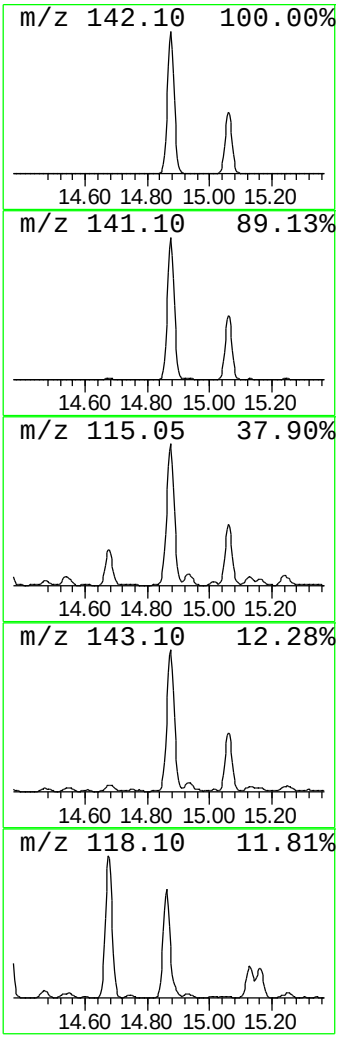
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	33.02 ug/L	3191800	1,4-Dichlorobenzene-d4	11.48

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	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

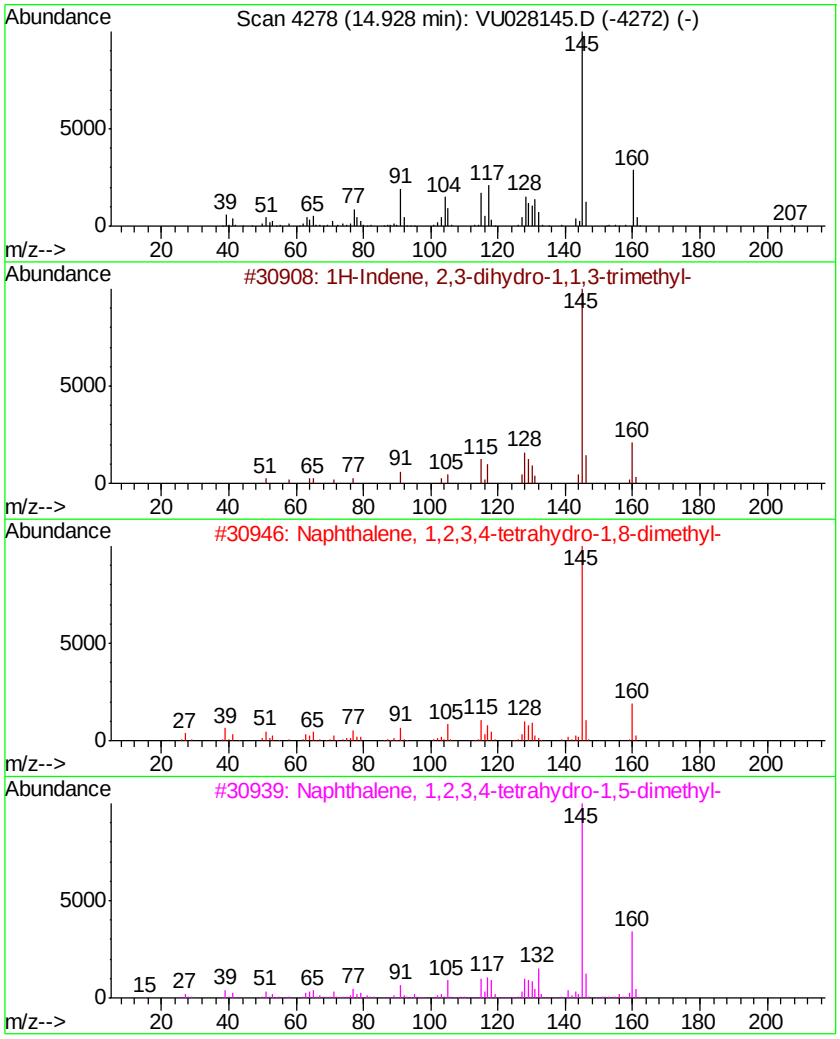
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

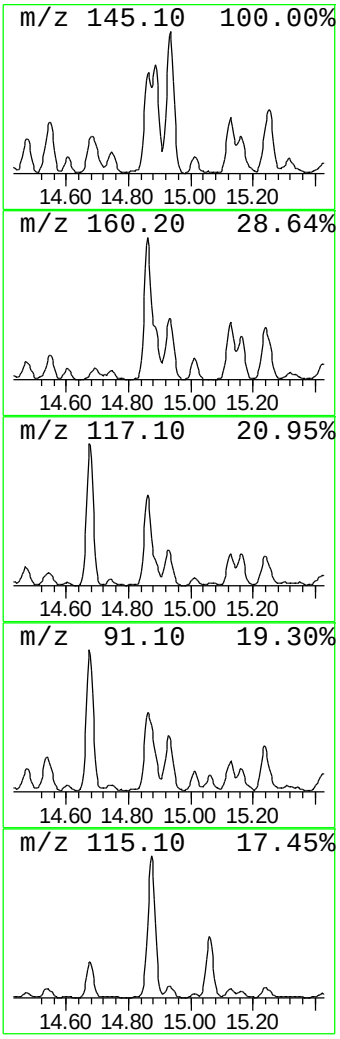
****

Peak Number 27 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	4.92 ug/L	475931	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

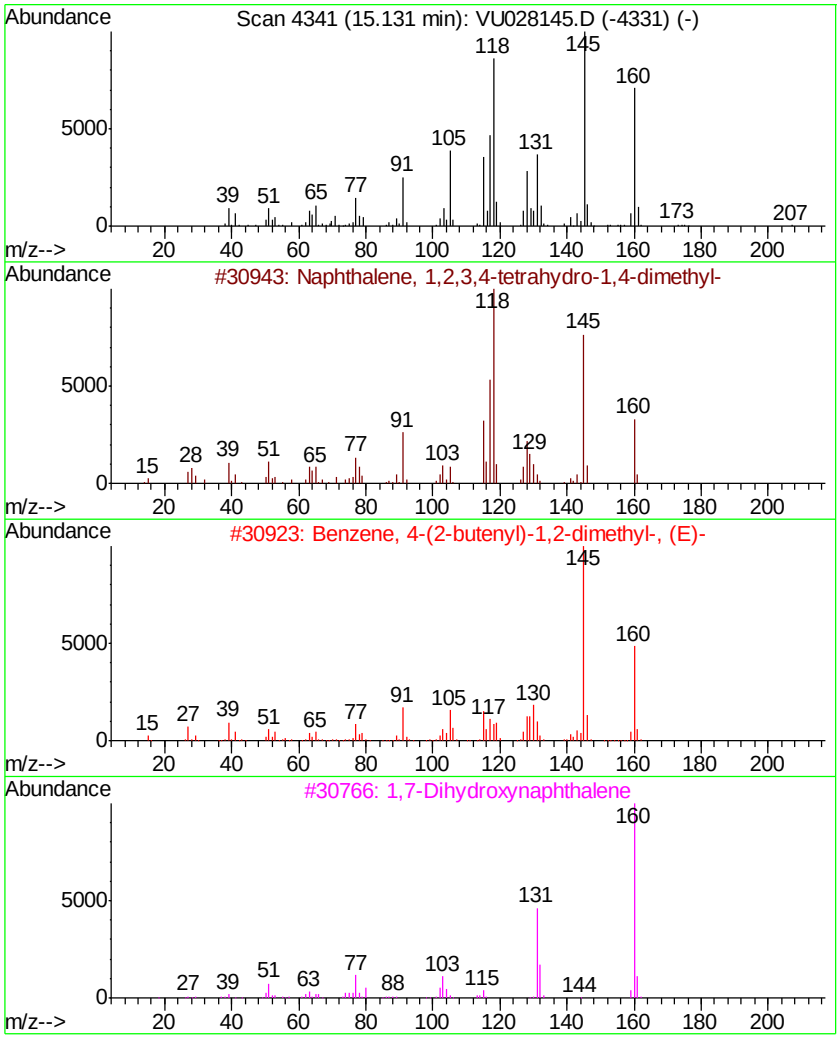
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

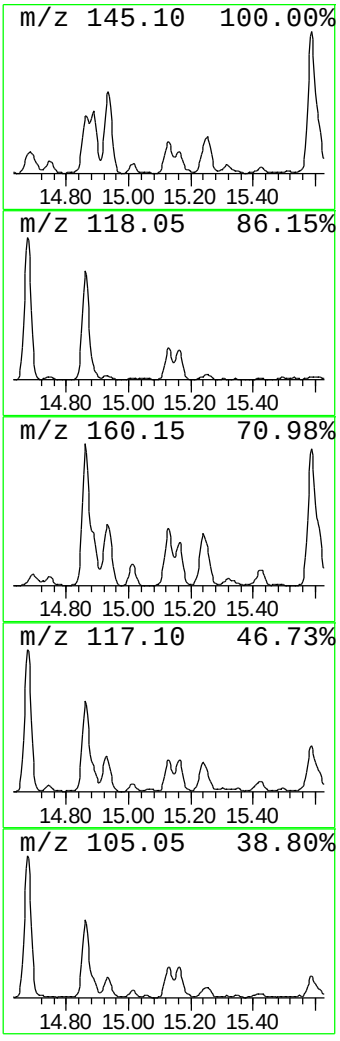
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.15 ug/L	304943	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83
3	1,7-Dihydroxynaphthalene	160	C10H8O2	000575-38-2	64
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60





Library Search Compound Report

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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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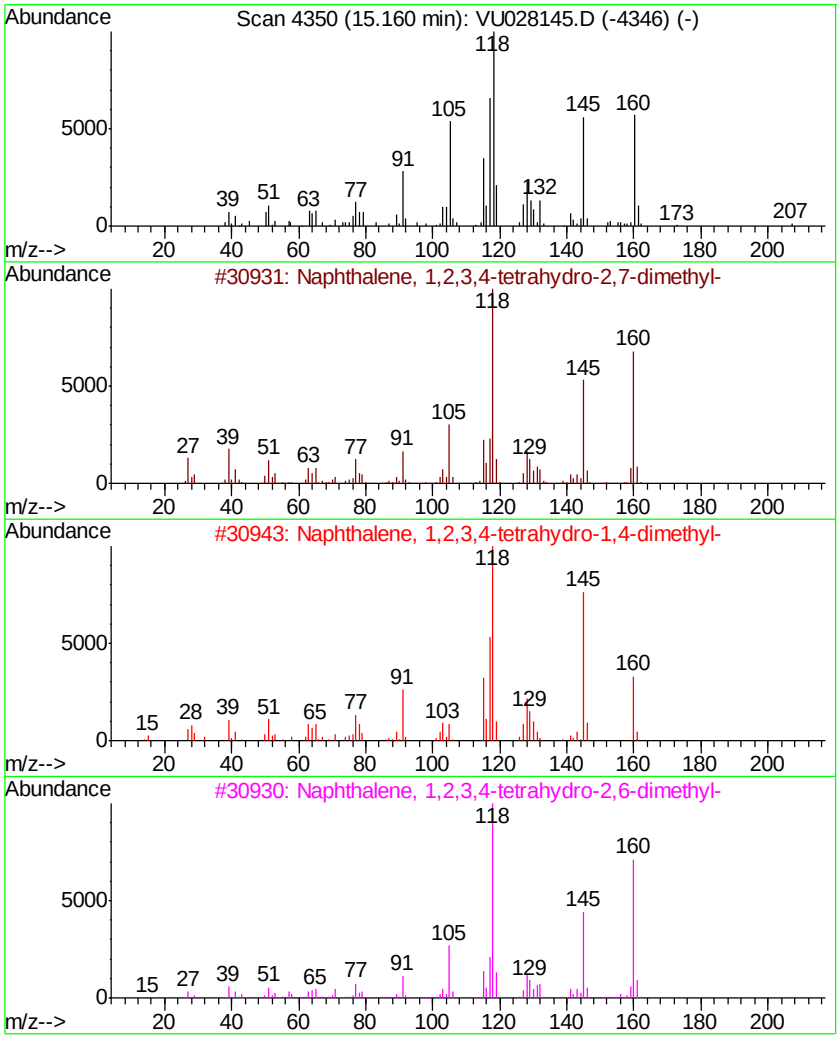
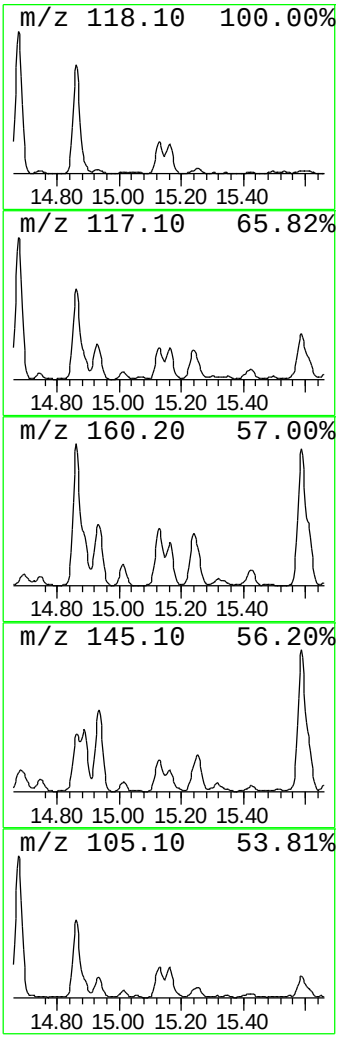
Peak Number 30 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.24 ug/L	216859	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	74
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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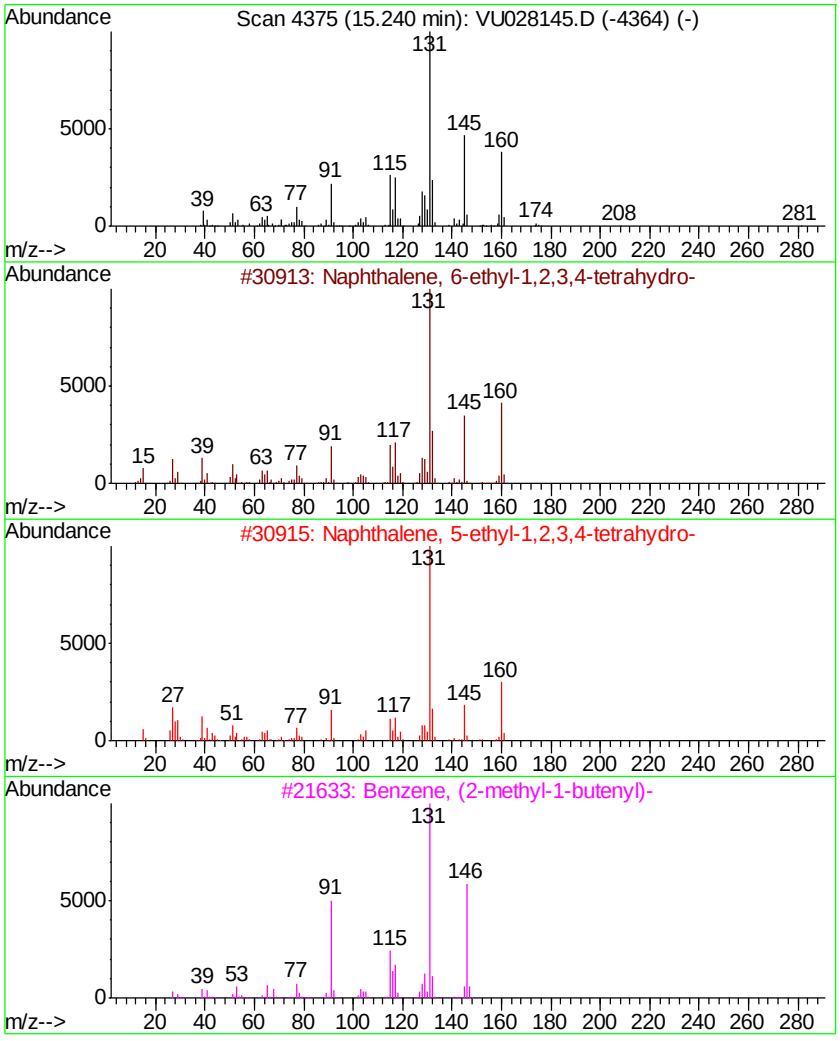
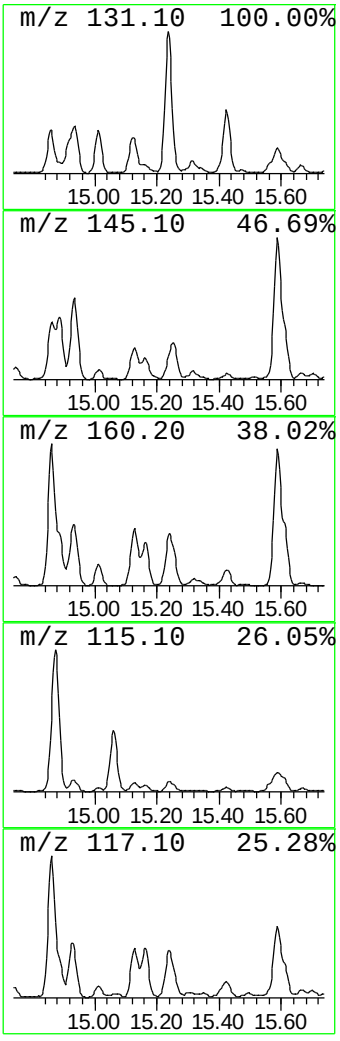
Peak Number 31 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.43 ug/L	428144	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	93
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	58
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
4	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	50
5	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	49





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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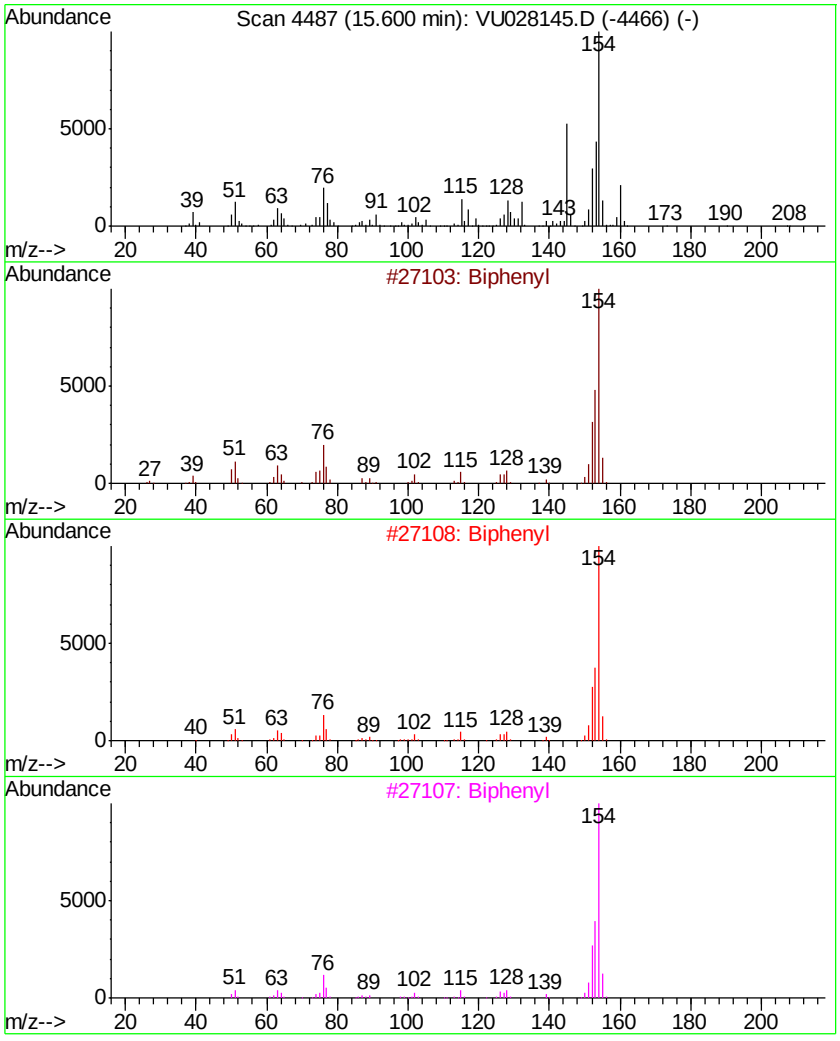
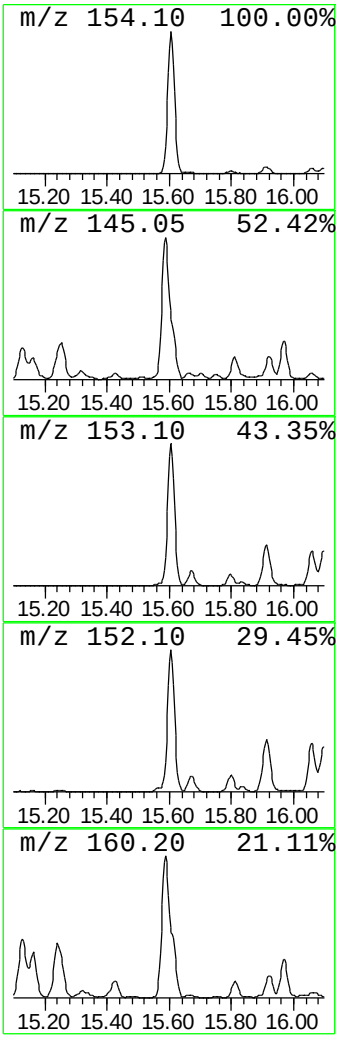
Peak Number 32 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	17.41 ug/L	1682740	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	90
3	Biphenyl	154	C12H10	000092-52-4	60
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	60
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	60





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Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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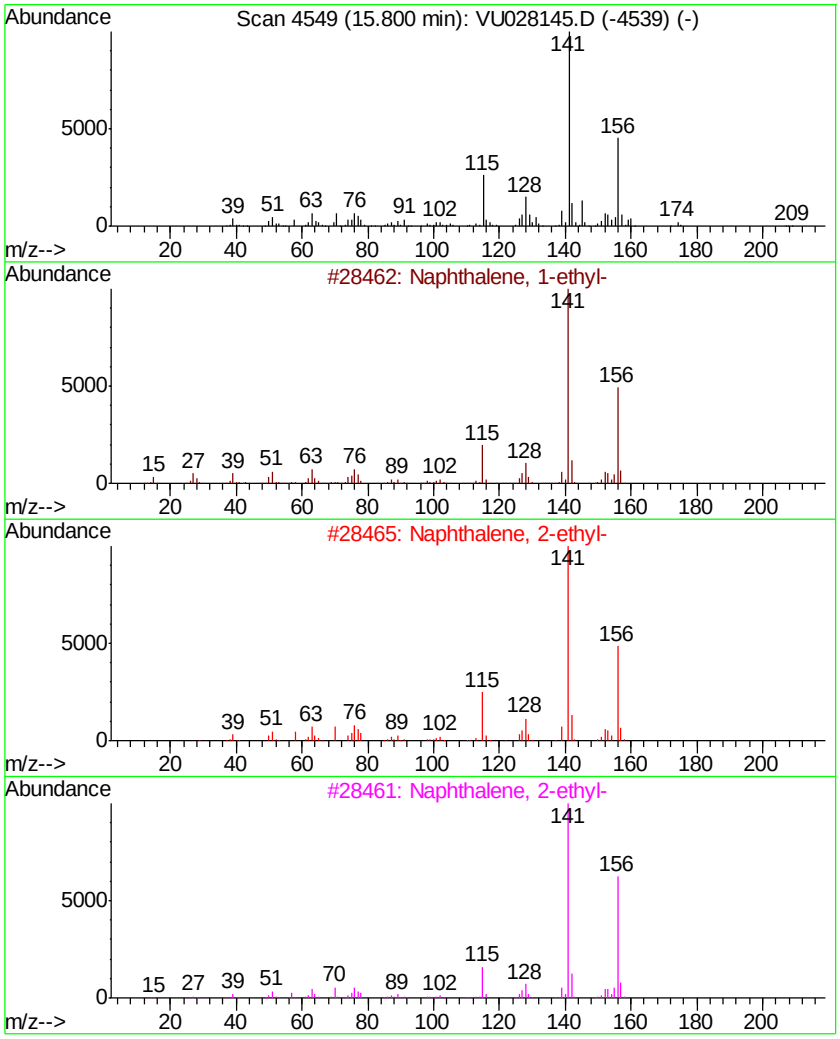
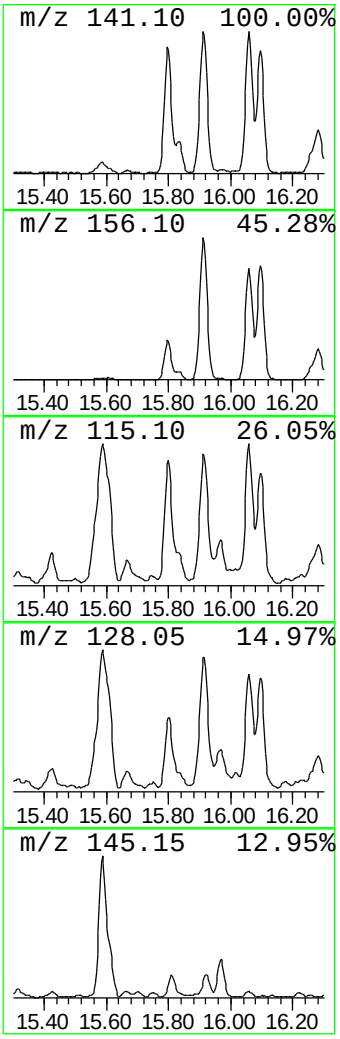
Peak Number 33 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.77 ug/L	558141	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

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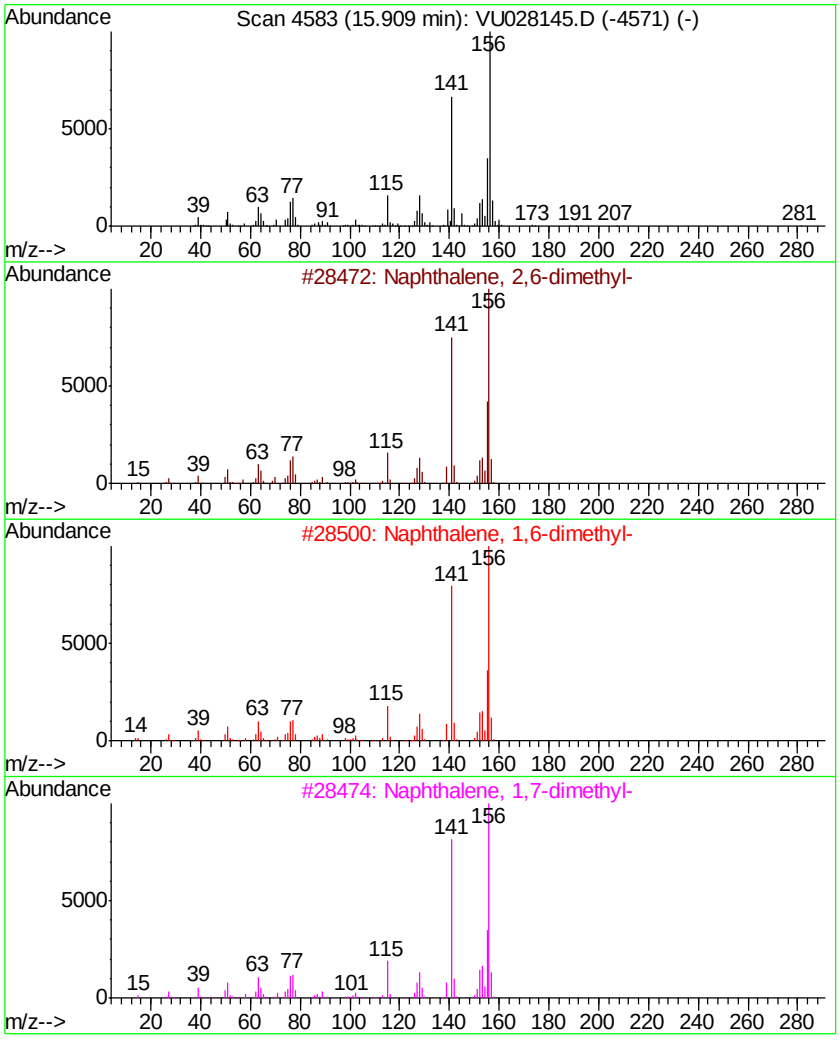
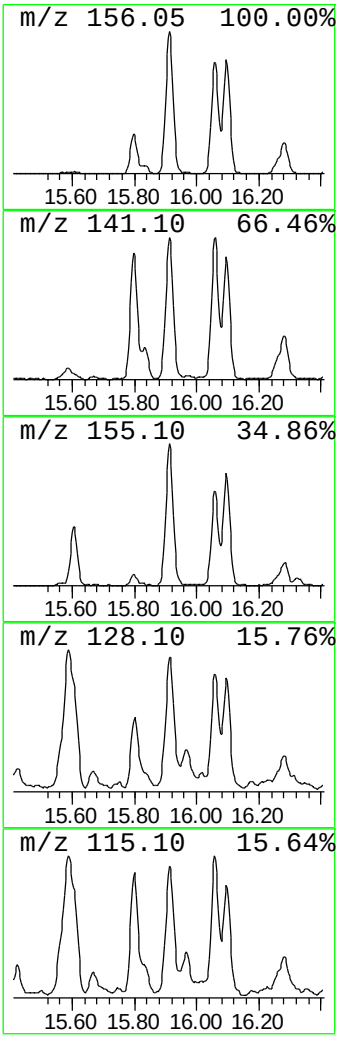
Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	10.29 ug/L	995083	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028145.D
Acq On : 15 Nov 2018 01:42
Operator : MD/SY
Sample : J5943-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.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: Cyc...	1.52	5.2	ug/L	330132	1	5.89	318870	5.0
Ethane, 1,2-dichl...	2.10	3.6	ug/L	228245	1	5.89	318870	5.0
Diethyl disulfide	10.25	4.5	ug/L	497394	2	9.09	557502	5.0
Benzene, propyl-	10.59	2.6	ug/L	248414	3	11.48	483292	5.0
Benzene, 1-ethyl-...	10.68	7.4	ug/L	719416	3	11.48	483292	5.0
Mesitylene	10.77	4.5	ug/L	429739	3	11.48	483292	5.0
4-Heptanone, 2,6-...	10.92	2.7	ug/L	264908	3	11.48	483292	5.0
Benzene, 1,2,3-tr...	11.15	16.6	ug/L	1604730	3	11.48	483292	5.0
Benzene, 1,2,4-tr...	11.57	11.7	ug/L	1126640	3	11.48	483292	5.0
Indane	11.77	3.7	ug/L	359447	3	11.48	483292	5.0
Benzene, 2-ethyl-...	12.25	3.2	ug/L	312730	3	11.48	483292	5.0
Benzene, (2-methy...	12.35	2.8	ug/L	271118	3	11.48	483292	5.0
Benzene, 1,2,3,5-...	12.70	2.3	ug/L	226039	3	11.48	483292	5.0
Benzene, 1-etheny...	12.96	2.9	ug/L	281928	3	11.48	483292	5.0
unknown-01	13.07	4.3	ug/L	412696	3	11.48	483292	5.0
1H-Indene, 2,3-di...	13.12	8.3	ug/L	800180	3	11.48	483292	5.0
Naphthalene, 1,2,...	13.29	10.7	ug/L	1030380	3	11.48	483292	5.0
Naphthalene, 1,2,...	13.85	5.4	ug/L	524688	3	11.48	483292	5.0
Benzene, (2-methy...	13.95	7.1	ug/L	684636	3	11.48	483292	5.0
1H-Indene, 2,3-di...	14.15	2.6	ug/L	253260	3	11.48	483292	5.0
Naphthalene, 1,2,...	14.35	17.5	ug/L	1688660	3	11.48	483292	5.0
Benzene, (3-methy...	14.54	3.7	ug/L	359465	3	11.48	483292	5.0
Naphthalene, 1,2,...	14.67	13.1	ug/L	1266190	3	11.48	483292	5.0
Naphthalene, 1-me...	14.87	33.0	ug/L	3191800	3	11.48	483292	5.0
1H-Indene, 2,3-di...	14.93	4.9	ug/L	475931	3	11.48	483292	5.0
Naphthalene, 1,2,...	15.13	3.1	ug/L	304943	3	11.48	483292	5.0
Naphthalene, 1,2,...	15.16	2.2	ug/L	216859	3	11.48	483292	5.0
Naphthalene, 6-et...	15.24	4.4	ug/L	428144	3	11.48	483292	5.0
Biphenyl	15.60	17.4	ug/L	1682740	3	11.48	483292	5.0
Naphthalene, 1-et...	15.80	5.8	ug/L	558141	3	11.48	483292	5.0
Naphthalene, 2,6-...	15.91	10.3	ug/L	995083	3	11.48	483292	5.0