LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050170.D
Acq On : 09 Aug 2022 06:26
Operator : SY/MD
Sample : N4075-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBUY1

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\SFAMUTR080422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU050170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	27	rVB4	6976	9866	1.35%	0.279%
2	1.594	71	79	91	rVB	32849	40261	5.50%	1.139%
3	1.912	170	178	192	rVB	29644	39045	5.34%	1.105%
4	2.256	277	285	301	rBV	12291	20704	2.83%	0.586%
5	2.359	311	317	340	rVB	15263	21771	2.98%	0.616%
6	2.562	369	380	395	rVB	50217	81568	11.15%	2.308%
7	3.131	545	557	568	rBV	5509	10169	1.39%	0.288%
8	3.224	571	586	588	rBV5	5118	9535	1.30%	0.270%
9	3.366	614	630	652	rBV	320319	731591	100.00%	20.701%
10	3.996	812	826	849	rVB2	5113	13982	1.91%	0.396%
11	4.530	978	992	1006	rVB4	5743	12808	1.75%	0.362%
12	4.639	1012	1026	1049	rBV	42323	135870	18.57%	3.844%
13	5.063	1141	1158	1174	rBV	60237	130121	17.79%	3.682%
14	5.726	1342	1364	1386	rBV2	113142	292982	40.05%	8.290%
15	5.941	1416	1431	1453	rVB2	29575	65191	8.91%	1.845%
16	6.250	1514	1527	1547	rBV	93639	178249	24.36%	5.044%
17	6.690	1651	1664	1690	rBV2	75715	149496	20.43%	4.230%
18	7.565	1925	1936	1951	rBV2	29528	51821	7.08%	1.466%
19	7.899	2024	2040	2055	rBV	119843	206783	28.26%	5.851%
20	8.182	2116	2128	2146	rBV2	18024	31210	4.27%	0.883%
21	8.639	2258	2270	2309	rBV3	177250	432753	59.15%	12.245%
22	8.793	2309	2318	2329	rVB7	4212	7759	1.06%	0.220%
23	9.343	2479	2489	2501	rBV2	7924	13175	1.80%	0.373%
24	9.417	2501	2512	2537	rBV	133338	225060	30.76%	6.368%
25	10.758	2915	2929	2944	rBV	71439	114158	15.60%	3.230%
26	11.812	3244	3257	3276	rBV	115882	182272	24.91%	5.157%
27	12.095	3327	3345	3359	rBV	73609	121800	16.65%	3.446%
28	12.195	3362	3376	3396	rBV	123977	204154	27.91%	5.777%

Sum of corrected areas: 3534154

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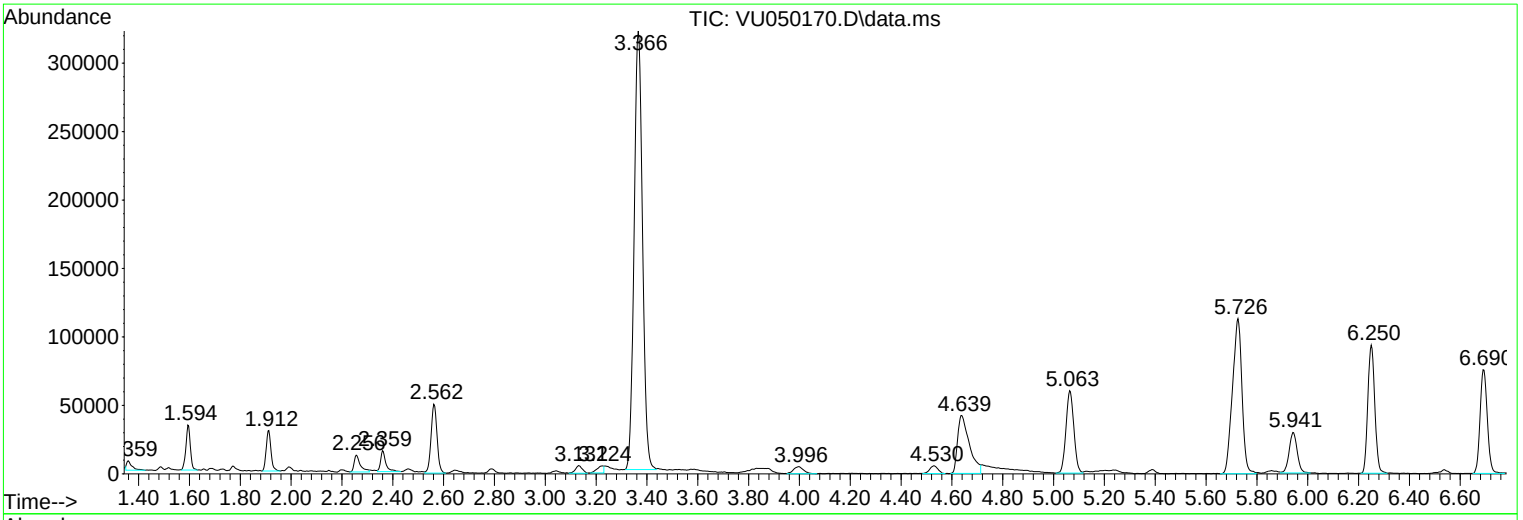
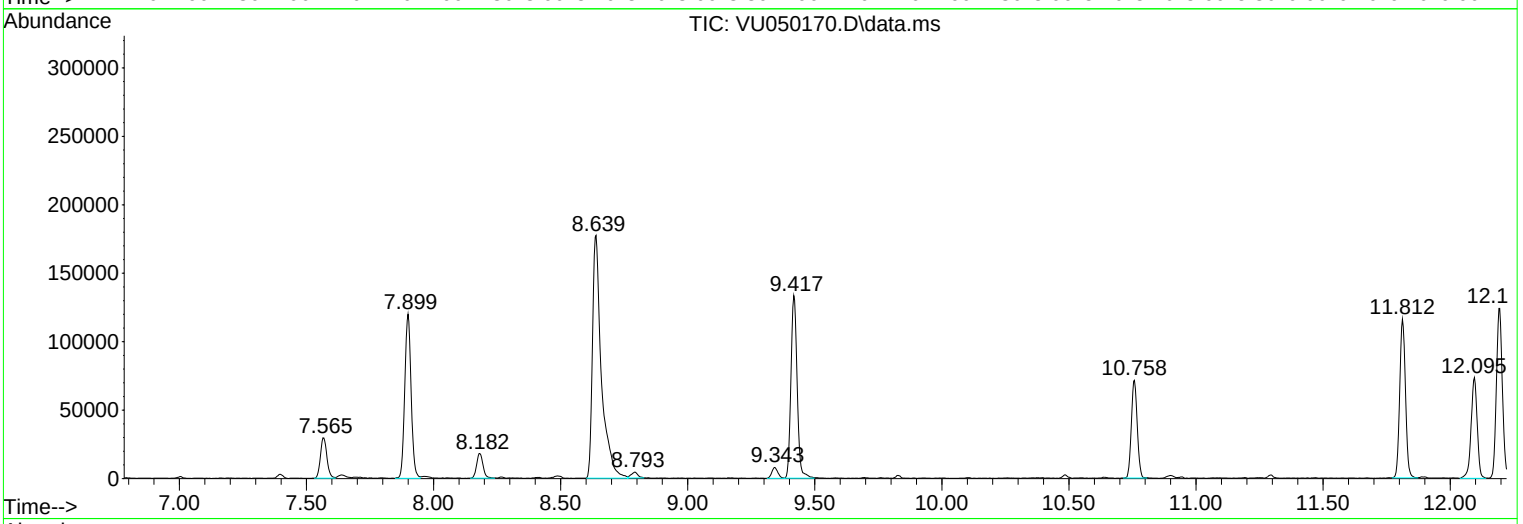
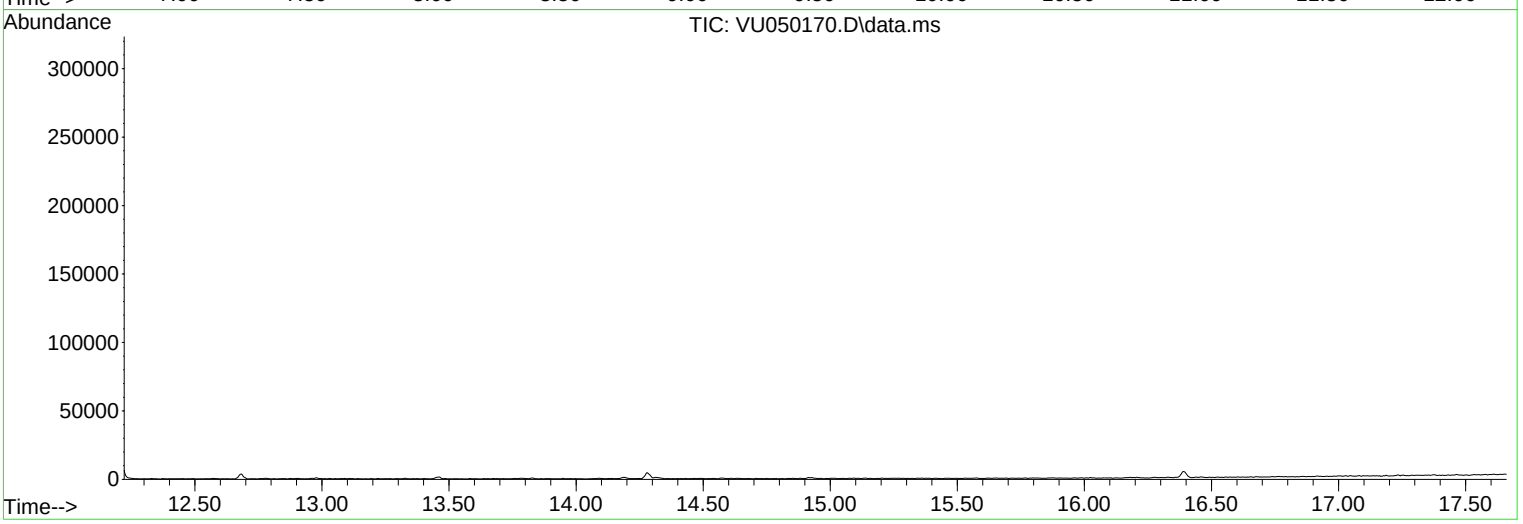
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : TRACE VOA SFAM1.0

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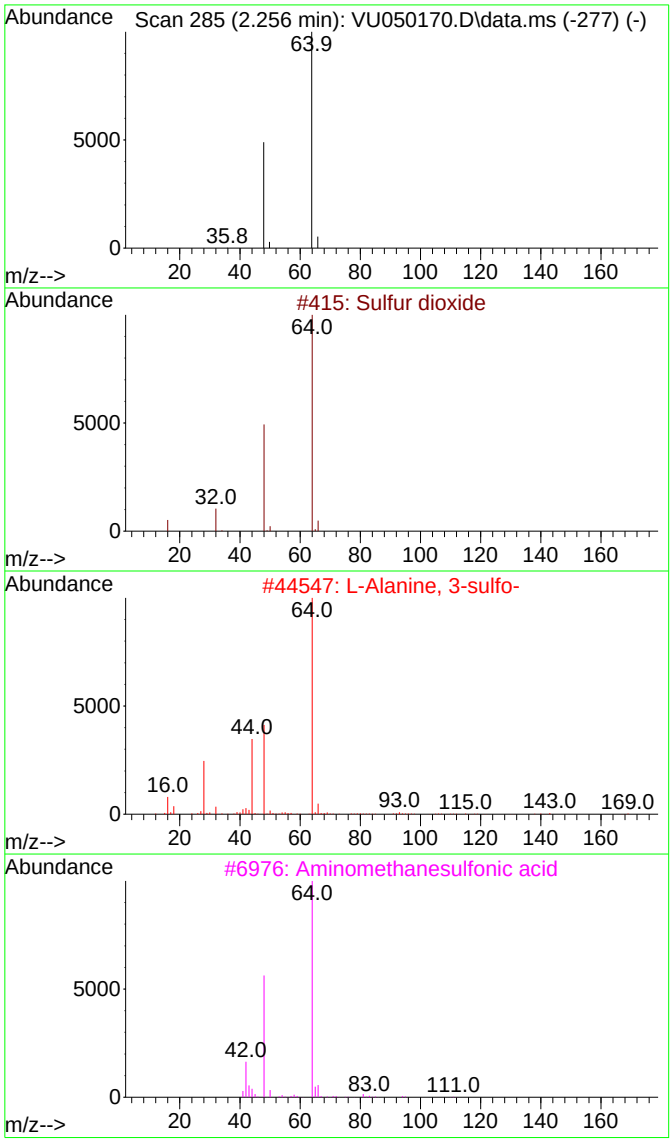
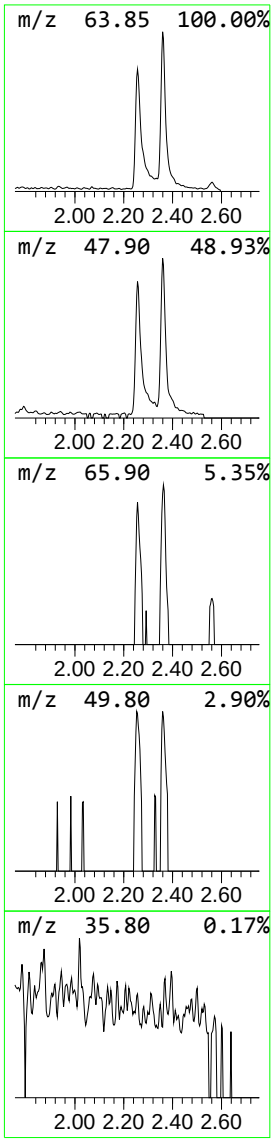
Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.256	0.58 ug/L	20704	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	4





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DBUY1

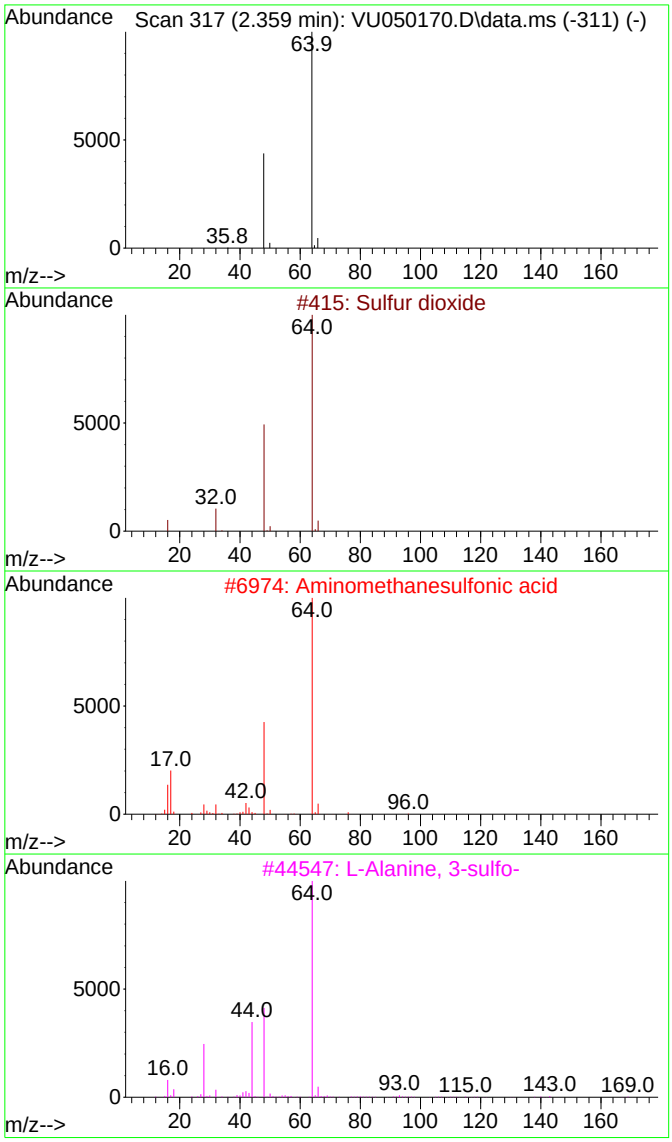
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

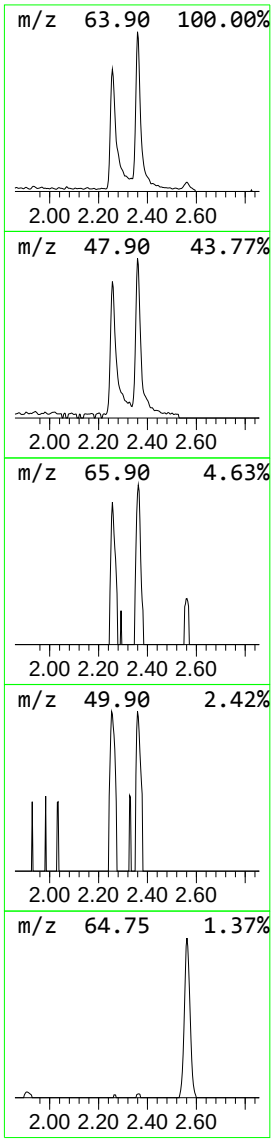
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.359	0.61 ug/L	21771	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





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Instrument :
MSVOA_U
ClientSampleId :
DBUY1

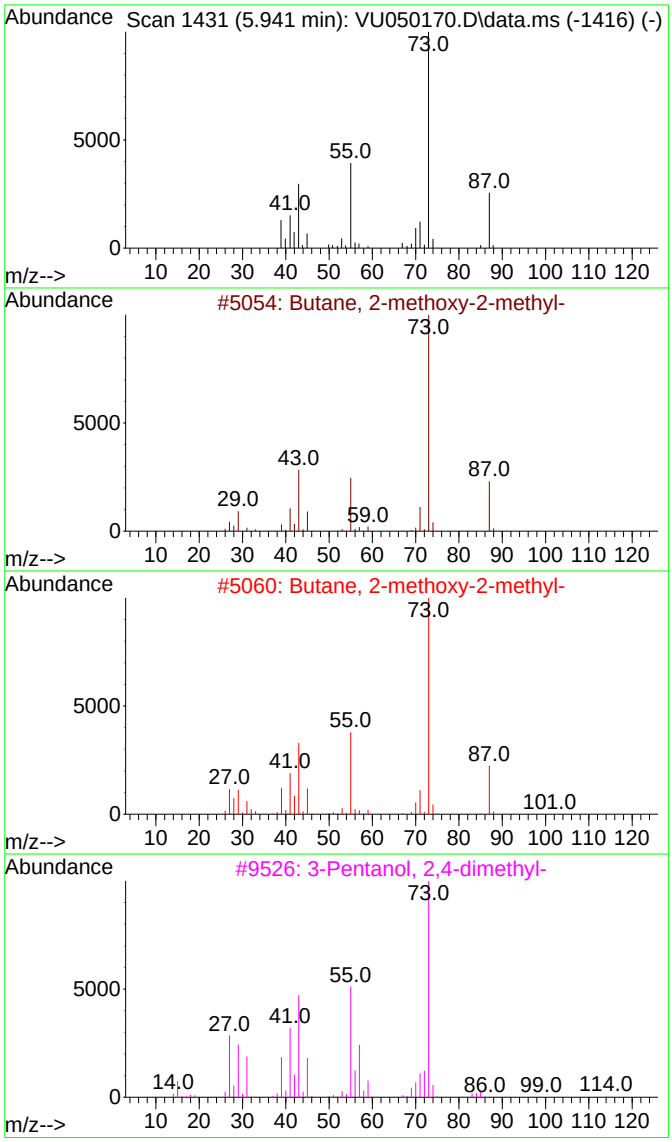
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

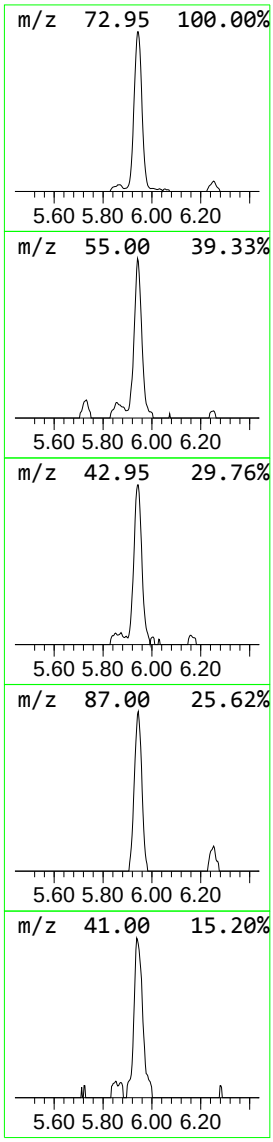
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.83 ug/L	65191	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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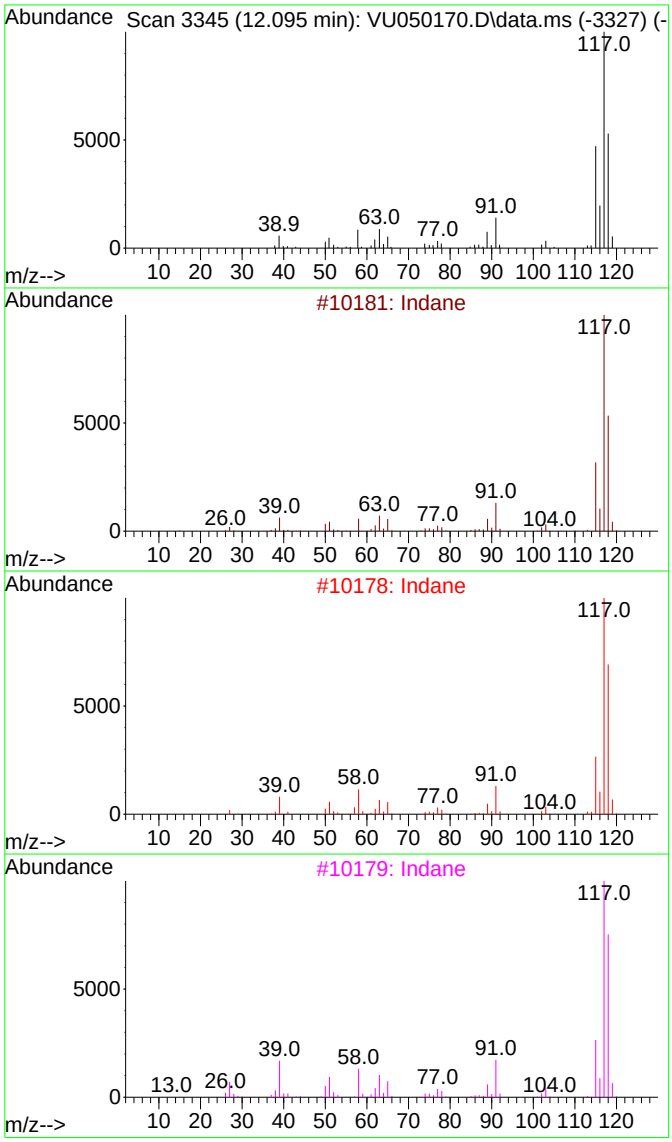
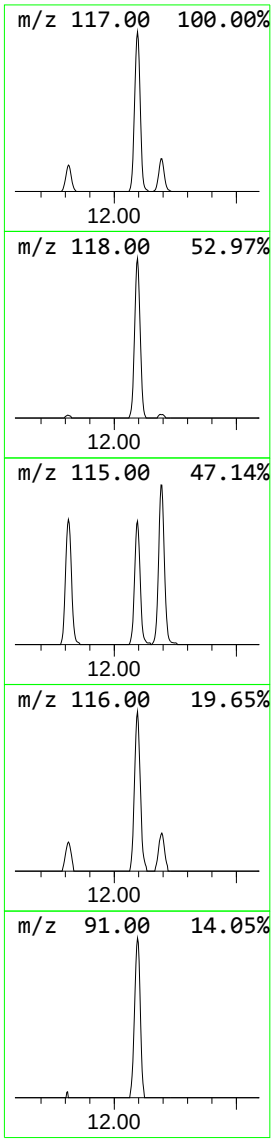
Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	3.34 ug/L	121800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	92
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.256	0.6	ug/L	20704	1	6.250	178249	5.0
Aminomethanesul...	2.359	0.6	ug/L	21771	1	6.250	178249	5.0
Butane, 2-metho...	5.941	1.8	ug/L	65191	1	6.250	178249	5.0
Indane	12.095	3.3	ug/L	121800	3	11.812	182272	5.0