LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028958.D
Acq On : 14 Nov 2022 23:43
Operator : SY/MD
Sample : N5604-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46B9

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\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	11	21	37	rBV2	703052	788842	6.21%	2.884%
2	1.236	49	61	71	rBV2	140668	428579	3.37%	1.567%
3	1.310	73	84	94	rBV	2856303	3612832	28.44%	13.207%
4	1.564	158	163	177	rVB2	133720	199411	1.57%	0.729%
5	1.815	232	241	259	rVB4	134979	248489	1.96%	0.908%
6	2.108	323	332	350	rVB4	210048	367714	2.89%	1.344%
7	2.757	521	534	566	rBV	1324141	2302794	18.13%	8.418%
8	3.902	873	890	943	rBV	5286042	12704482	100.00%	46.441%
9	4.342	1014	1027	1048	rVB	135288	336170	2.65%	1.229%
10	5.043	1229	1245	1257	rBV2	317891	784093	6.17%	2.866%
11	5.612	1410	1422	1461	rBV	280781	620438	4.88%	2.268%
12	5.911	1502	1515	1543	rBV	224022	473542	3.73%	1.731%
13	6.066	1544	1563	1581	rBV	172572	392217	3.09%	1.434%
14	6.985	1839	1849	1870	rBV2	69011	131643	1.04%	0.481%
15	7.310	1939	1950	1965	rBV	393519	690869	5.44%	2.525%
16	7.387	1965	1974	2000	rVB	94274	182648	1.44%	0.668%
17	8.088	2181	2192	2235	rBV	222709	632835	4.98%	2.313%
18	8.847	2415	2428	2459	rBV	408985	702672	5.53%	2.569%
19	10.210	2840	2852	2877	rBV	127464	218950	1.72%	0.800%
20	11.242	3162	3173	3192	rBV	446134	707801	5.57%	2.587%
21	11.525	3250	3261	3272	rBV4	57345	129401	1.02%	0.473%
22	11.615	3279	3289	3312	rVB	406203	699847	5.51%	2.558%

Sum of corrected areas: 27356269

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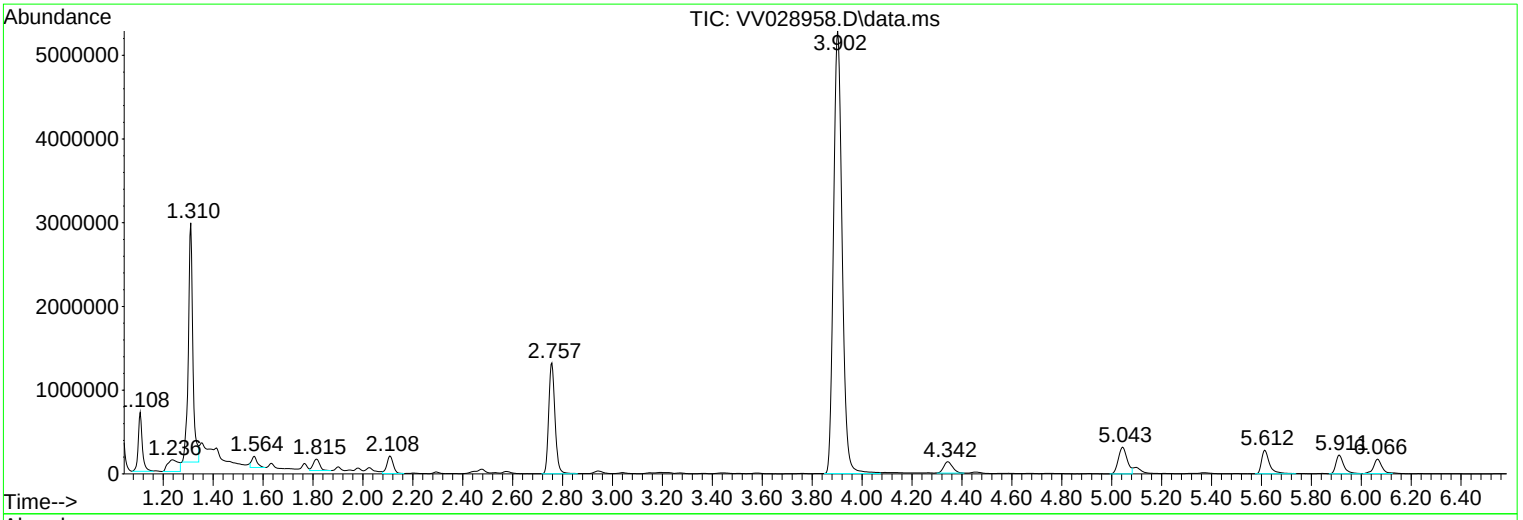
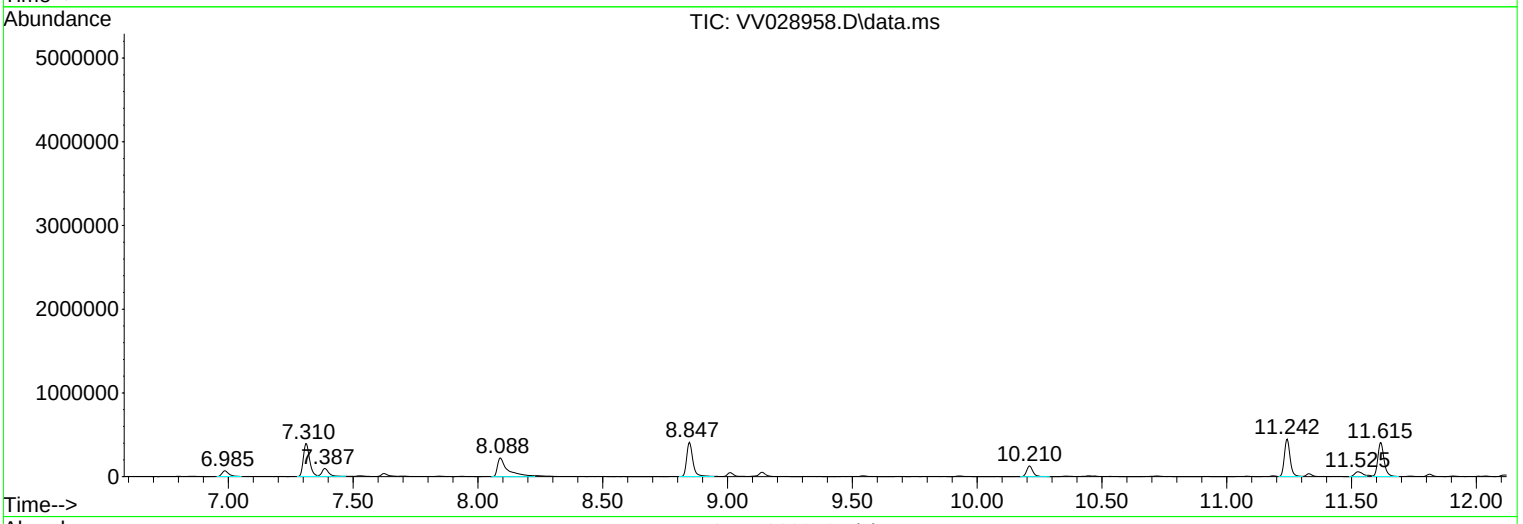
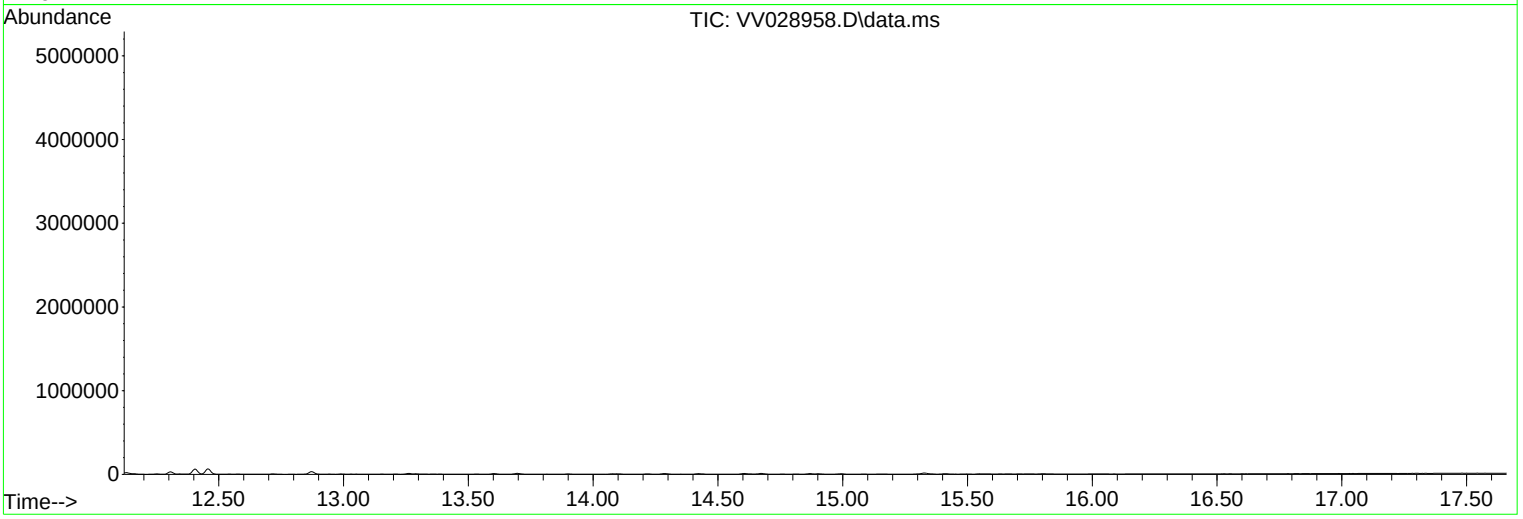
Instrument :
MSVOA_V
ClientSampleId :
H46B9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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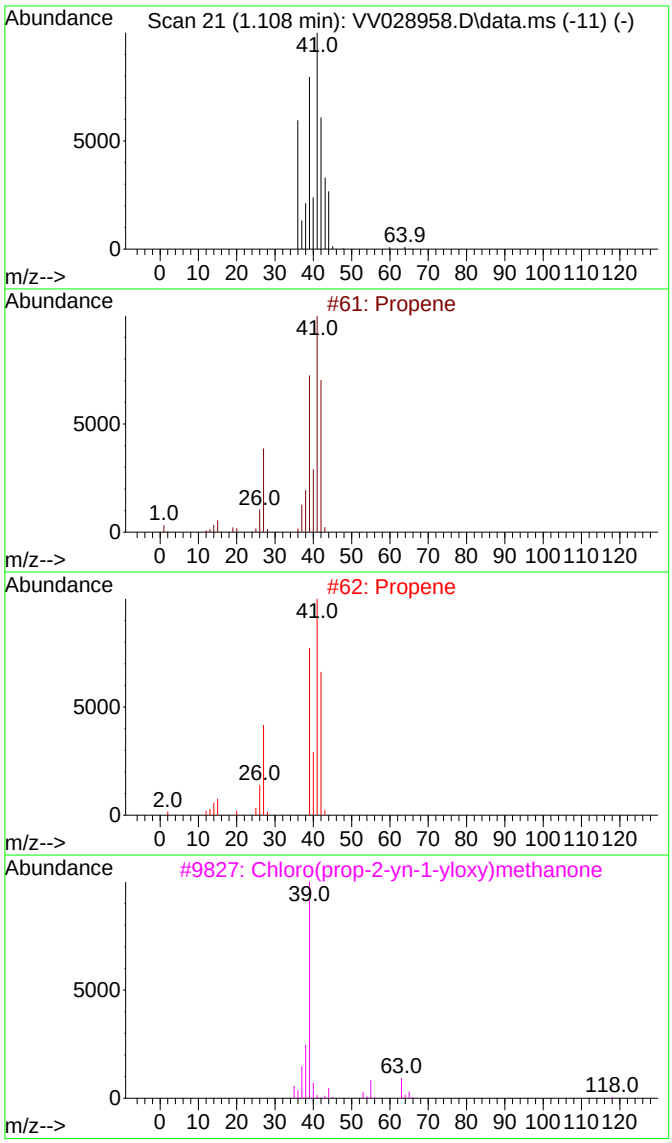
Quant Title : TRACE VOA SFAM1.0

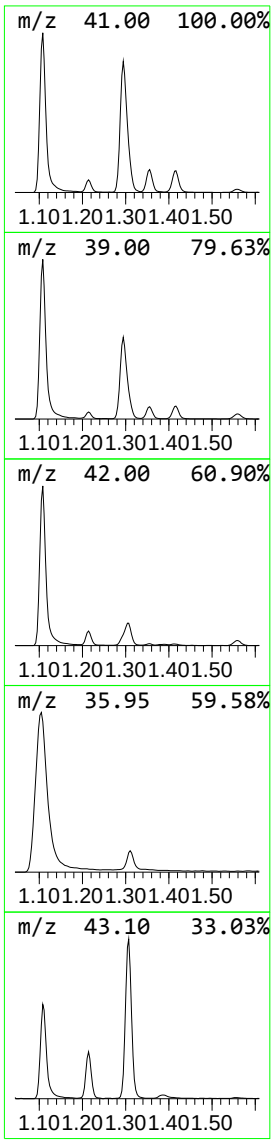
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	6.36 ug/L	788842	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	80
2	Propene	42	C3H6	000115-07-1	40
3	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	38
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





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Instrument :
MSVOA_V
ClientSampleId :
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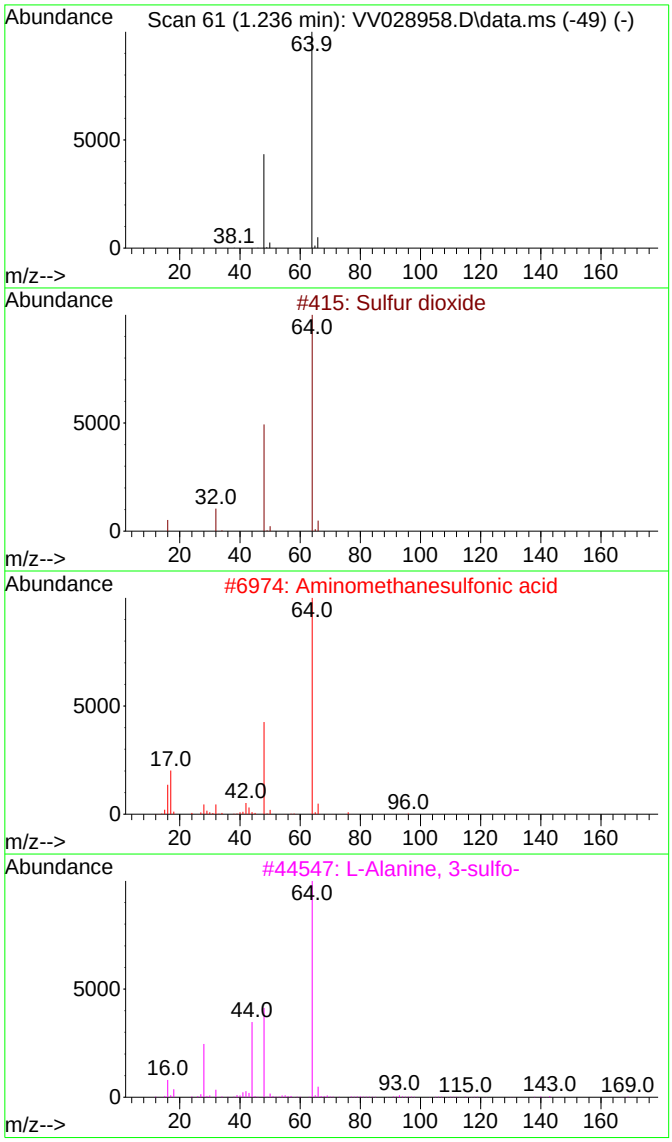
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

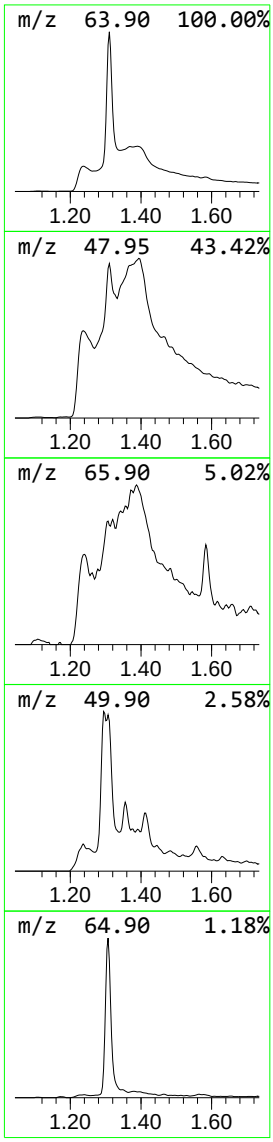
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.236	3.45 ug/L	428579	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
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_V
ClientSampleId :
H46B9

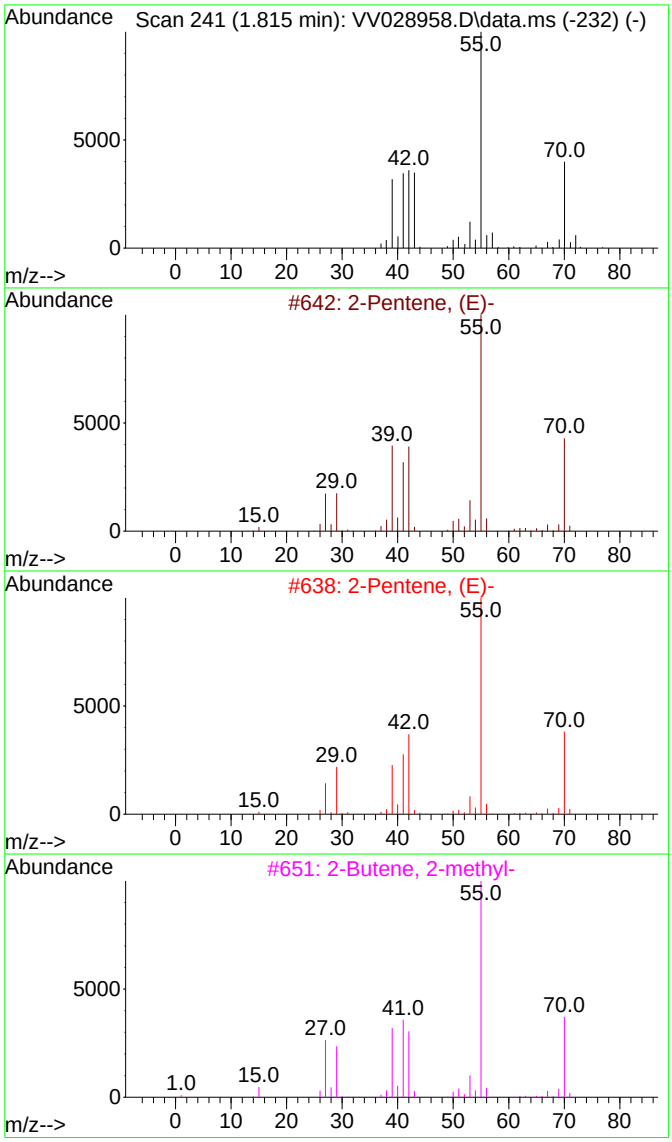
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

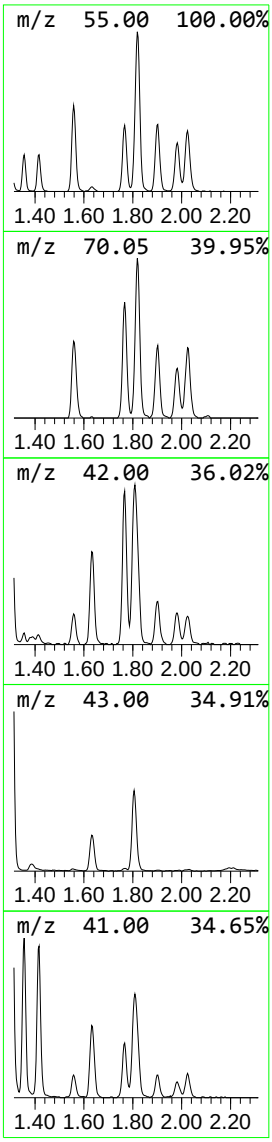
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.815	2.00 ug/L	248489	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	90





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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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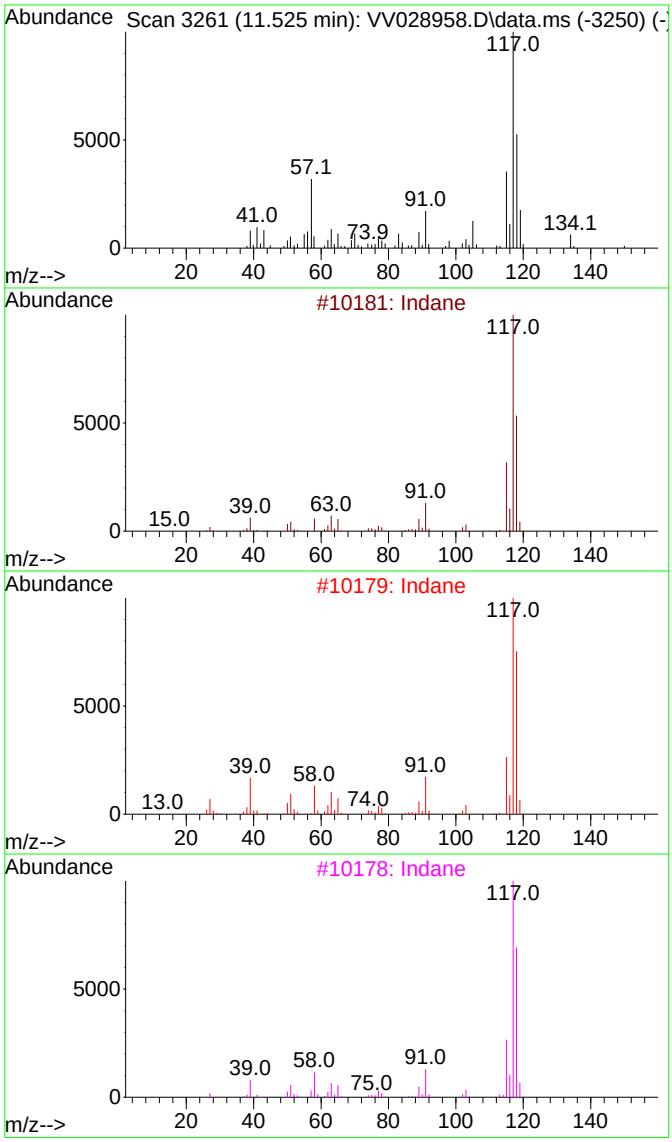
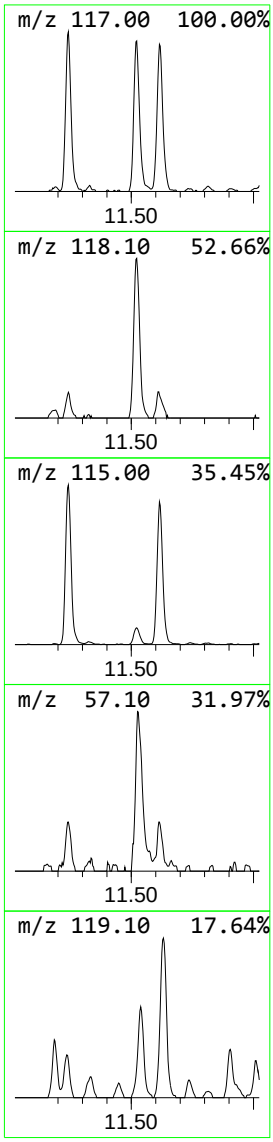
****
Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	0.91 ug/L	129401	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.108	6.4	ug/L	788842	1	5.612	620438	5.0
Sulfur dioxide	1.236	3.5	ug/L	428579	1	5.612	620438	5.0
(DEL) Alkane: S...	1.815	2.0	ug/L	248489	1	5.612	620438	5.0
Indane	11.525	0.9	ug/L	129401	3	11.242	707801	5.0