LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

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\SFAMVTR102522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	46	54	58	rBV2	14448	15742	2.03%	0.209%
2	1.304	73	82	94	rVB2	63462	76313	9.86%	1.015%
3	1.468	111	133	143	rBV3	40989	185801	24.01%	2.471%
4	1.564	158	163	177	rVB	71368	88121	11.39%	1.172%
5	1.947	273	282	298	rVB	275142	376650	48.68%	5.009%
6	2.104	322	331	346	rVB	125964	192042	24.82%	2.554%
7	2.172	346	352	368	rVB3	14367	30202	3.90%	0.402%
8	2.767	526	537	551	rVB4	14223	32573	4.21%	0.433%
9	3.281	681	697	719	rBV	329462	773703	100.00%	10.289%
10	3.892	877	887	914	rBV2	83987	295887	38.24%	3.935%
11	4.346	1013	1028	1047	rBV	94392	247087	31.94%	3.286%
12	5.043	1228	1245	1253	rBV2	209551	498572	64.44%	6.630%
13	5.095	1254	1261	1282	rVB	258968	557656	72.08%	7.416%
14	5.612	1410	1422	1443	rBV	227578	466918	60.35%	6.209%
15	6.066	1550	1563	1579	rBV	130582	269228	34.80%	3.580%
16	6.985	1839	1849	1864	rBV2	46739	92160	11.91%	1.226%
17	7.313	1940	1951	1967	rBV	212569	377162	48.75%	5.015%
18	7.394	1971	1976	1986	rVB	10218	16859	2.18%	0.224%
19	7.622	2036	2047	2062	rBV	24178	45283	5.85%	0.602%
20	8.088	2178	2192	2230	rBV	312465	678087	87.64%	9.017%
21	8.847	2415	2428	2432	rBV	366742	553107	71.49%	7.355%
22	9.133	2506	2517	2533	rBV2	65150	116102	15.01%	1.544%
23	9.471	2614	2622	2627	rBV9	5611	8890	1.15%	0.118%
24	9.538	2631	2643	2657	rBV	56539	100283	12.96%	1.334%
25	9.927	2752	2764	2776	rBV2	30963	54339	7.02%	0.723%
26	10.210	2842	2852	2863	rBV	93235	150903	19.50%	2.007%
27	10.265	2864	2869	2882	rVB9	11387	17966	2.32%	0.239%
28	10.355	2888	2897	2911	rBV9	21527	51462	6.65%	0.684%
29	10.731	3002	3014	3024	rBV2	20069	34596	4.47%	0.460%
30	10.911	3060	3070	3080	rBV	16322	29257	3.78%	0.389%
31	11.184	3146	3155	3163	rBV	5617	10301	1.33%	0.137%
32	11.242	3163	3173	3191	rVV	332295	549702	71.05%	7.310%
33	11.342	3191	3204	3218	rVB4	17138	42346	5.47%	0.563%
34	11.522	3250	3260	3275	rBV4	29513	61682	7.97%	0.820%
35	11.619	3277	3290	3312	rVB	208914	363903	47.03%	4.839%
36	12.011	3404	3412	3421	rBV3	11101	17901	2.31%	0.238%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

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\SFAMVTR102522WMA.M
Title : TRACE VOA SFAM1.0

37	12.252	3477	3487	3498	rVB3	7917	14841	1.92%	0.197%
38	12.406	3528	3535	3543	rVV4	8525	12742	1.65%	0.169%
39	13.500	3865	3875	3886	rBV6	6995	13669	1.77%	0.182%

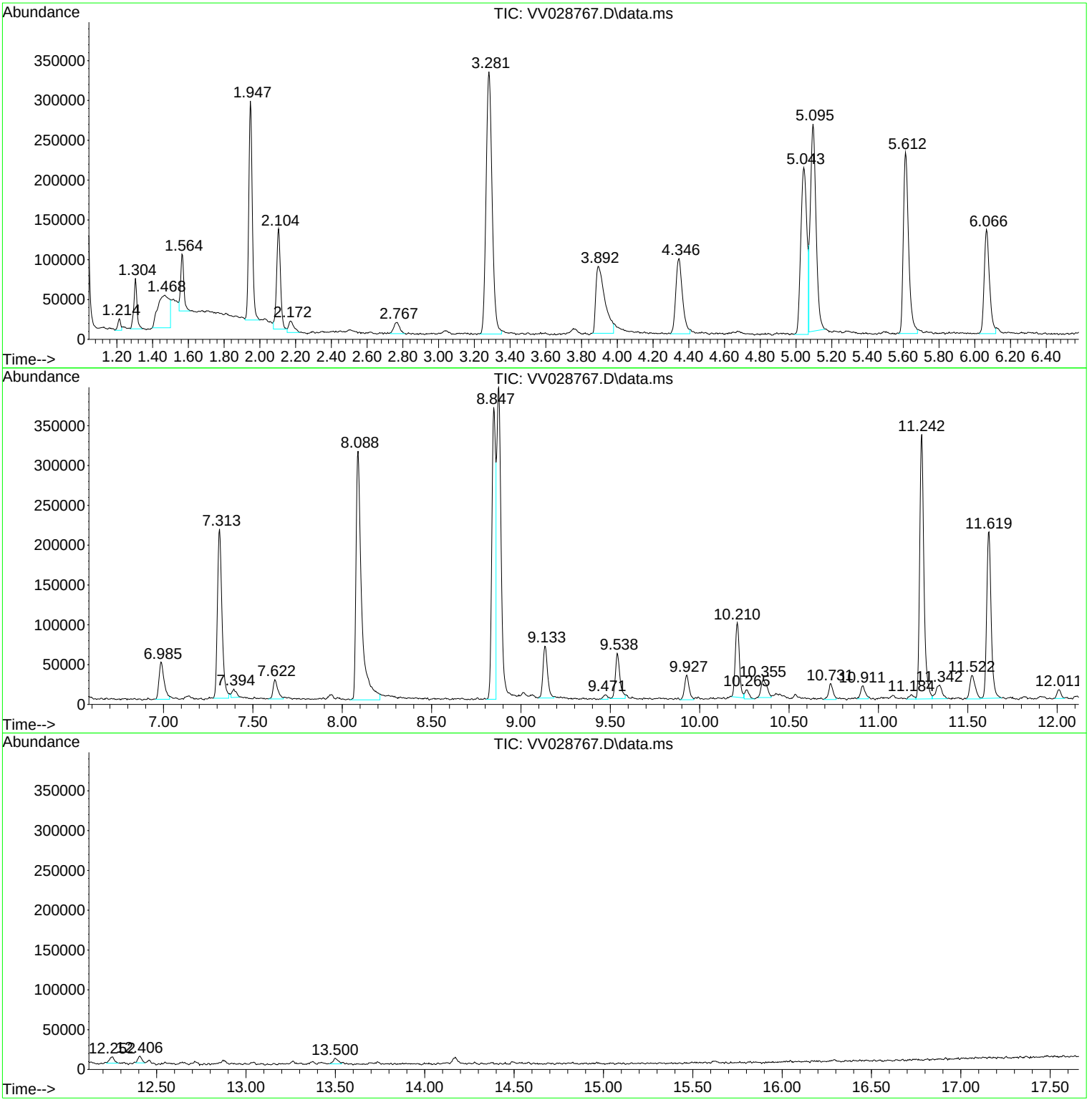
Sum of corrected areas: 7520038

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

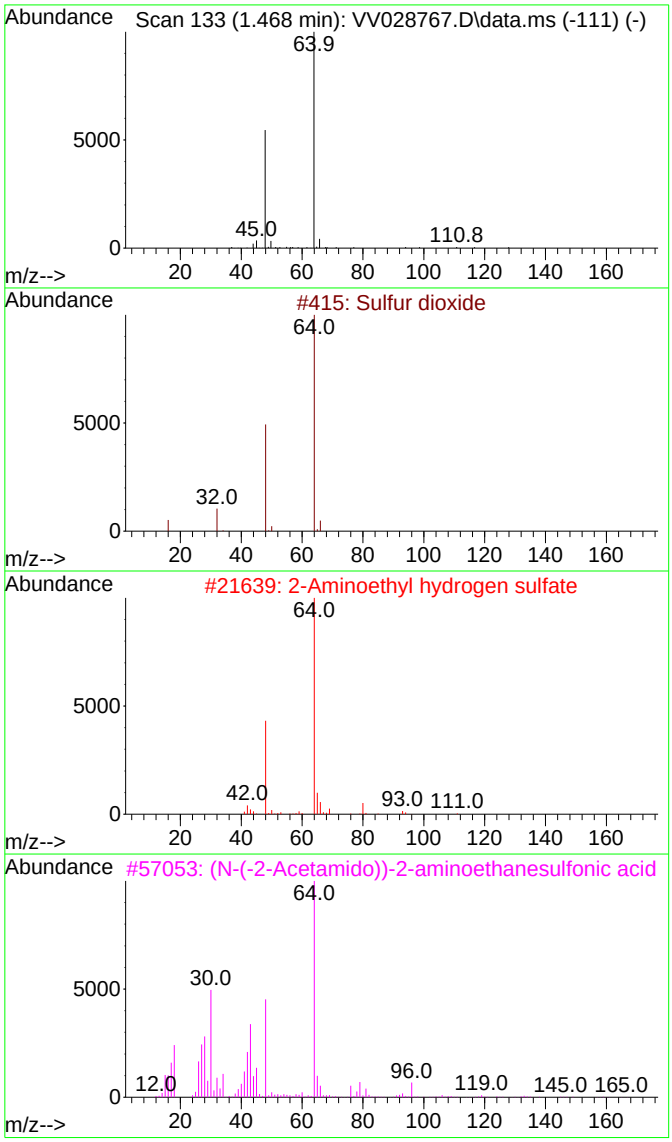
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

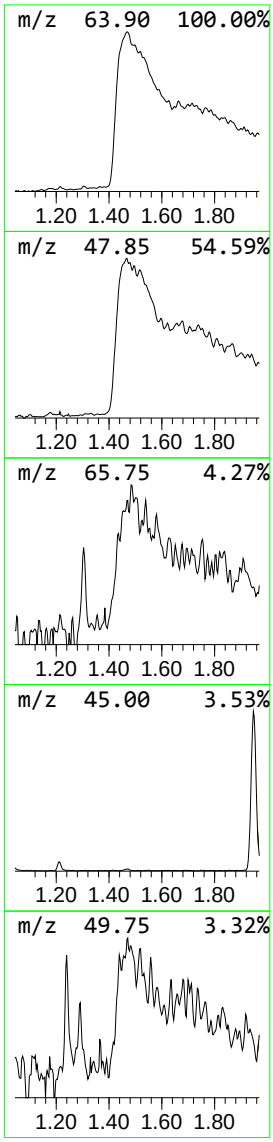
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.468	1.99 ug/L	185801	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
3	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

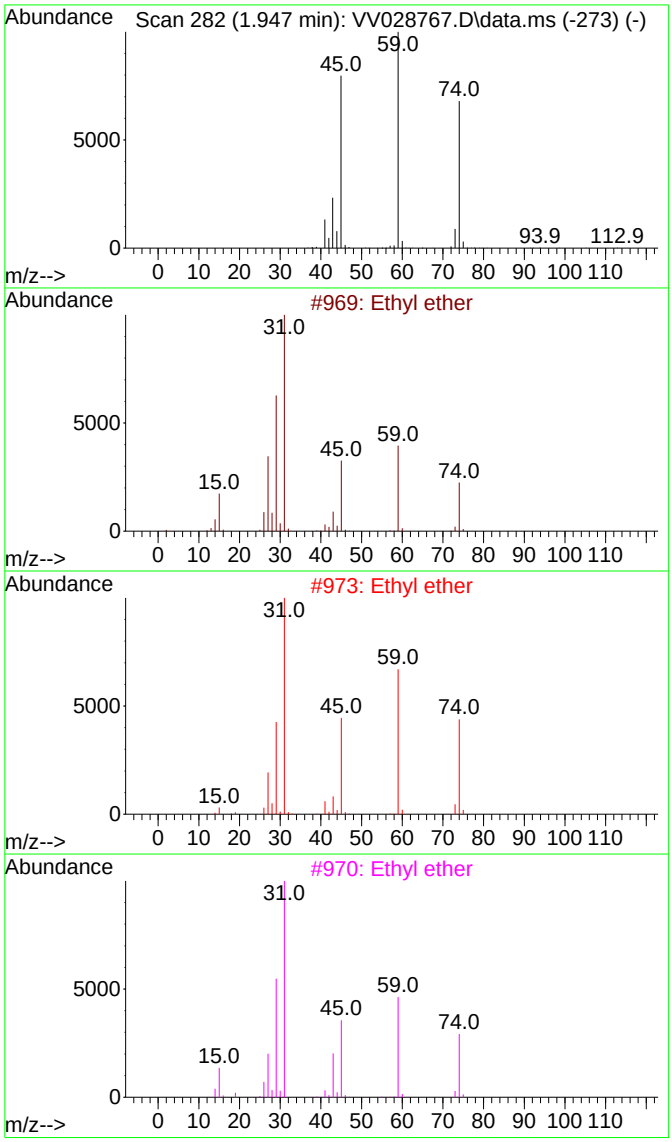
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

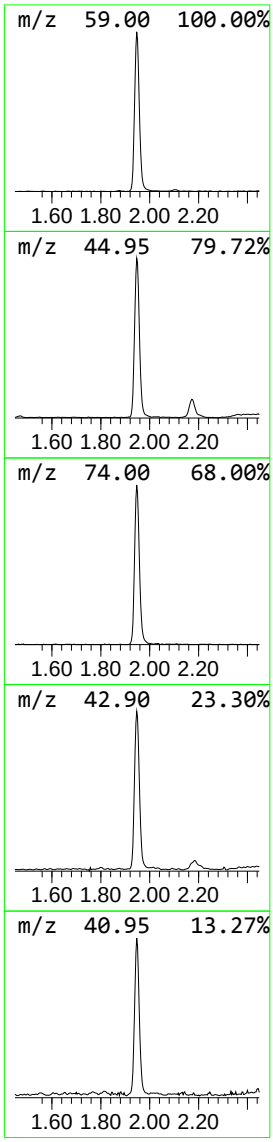
****

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	4.03 ug/L	376650	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethyl ether	74	C4H10O	000060-29-7	78
5	Ethyl ether	74	C4H10O	000060-29-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

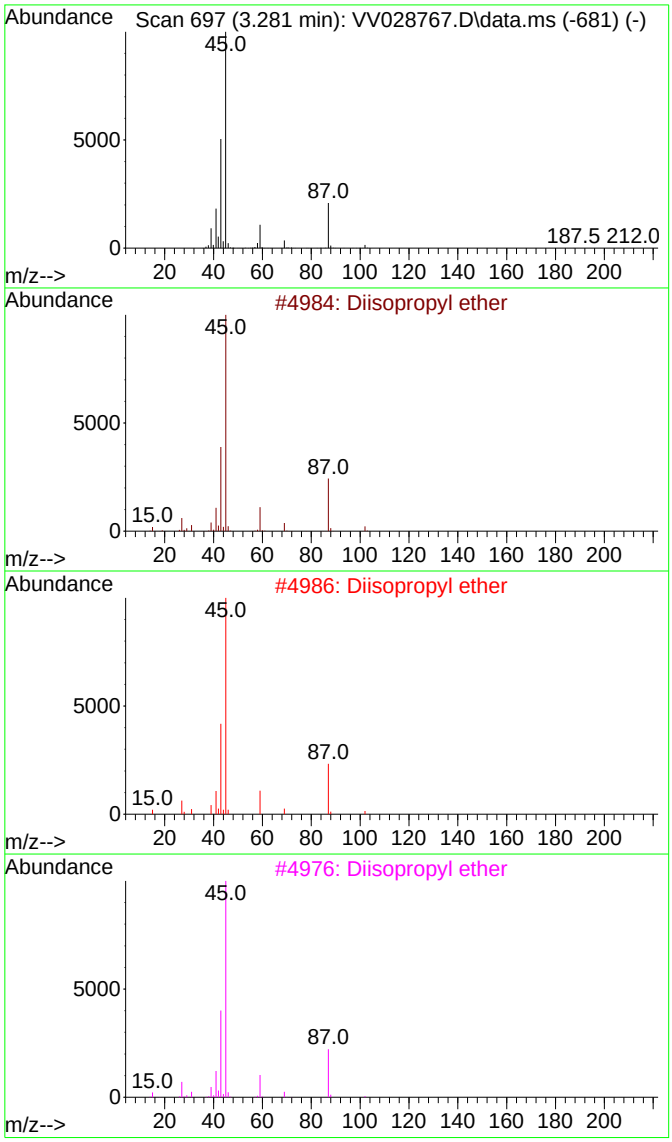
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

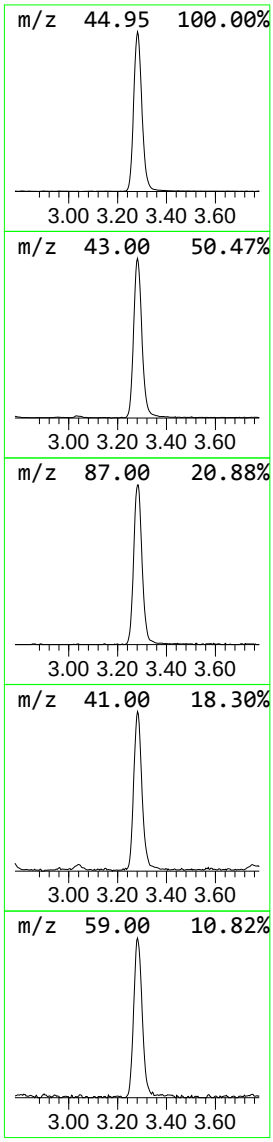
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.281	8.29 ug/L	773703	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	90
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Diisopropyl ether	102	C6H14O	000108-20-3	83
5	Diisopropyl ether	102	C6H14O	000108-20-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

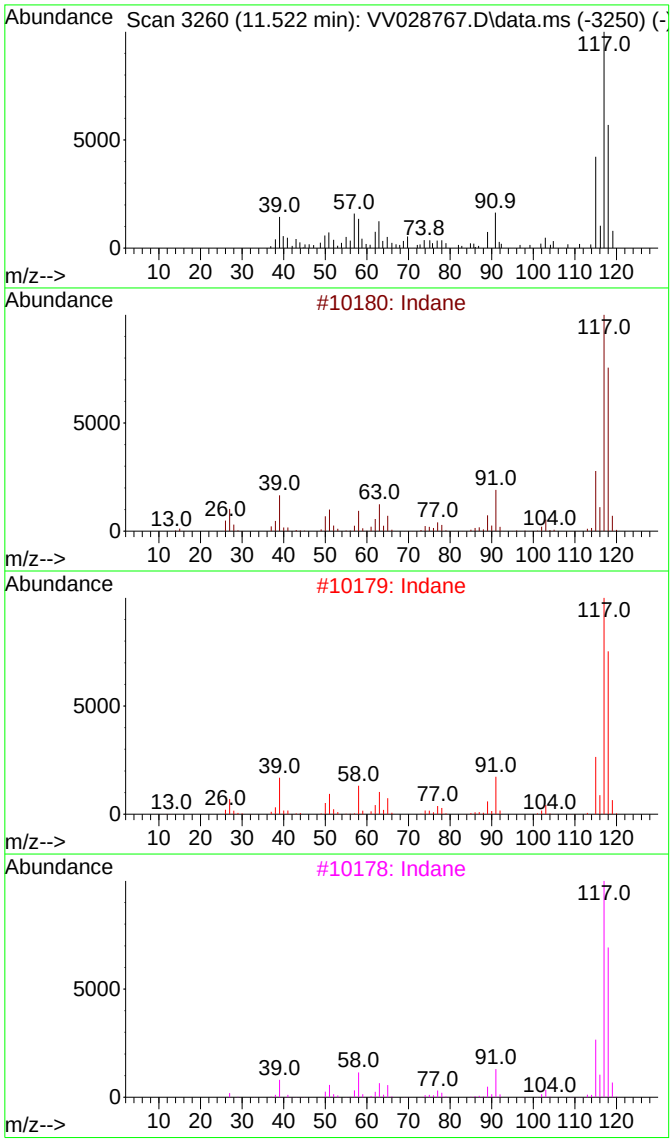
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

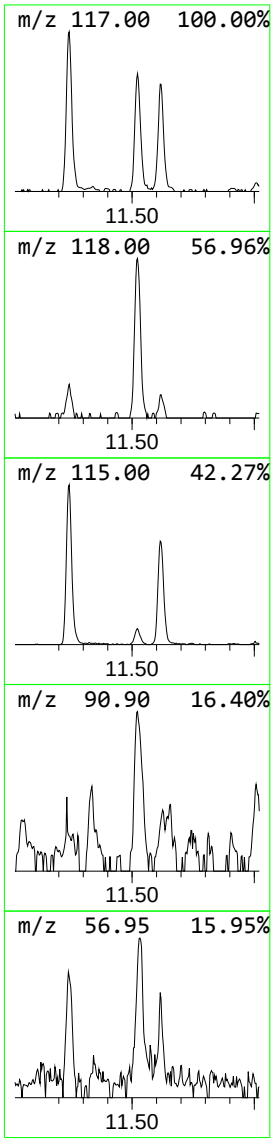
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.522	0.56 ug/L	61682	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Indane	118	C9H10	000496-11-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028767.D
Acq On : 28 Oct 2022 19:47
Operator : SY/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.468	2.0	ug/L	185801	1	5.612	466918	5.0
Ethyl ether	1.947	4.0	ug/L	376650	1	5.612	466918	5.0
Diisopropyl ether	3.281	8.3	ug/L	773703	1	5.612	466918	5.0
Indane	11.522	0.6	ug/L	61682	3	11.242	549702	5.0