

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029473.D
 Acq On : 14 Feb 2019 22:18
 Operator : JC/SP
 Sample : K1438-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.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	1.183	23	29	46	rVB	76076	70377	4.54%	1.068%
2	1.302	53	66	71	rBV	24427	44361	2.86%	0.673%
3	1.399	90	96	102	rBV	98545	109429	7.05%	1.661%
4	1.682	177	184	204	rVB	72571	97106	6.26%	1.474%
5	2.273	359	368	379	rBV	145677	219006	14.12%	3.325%
6	2.447	414	422	438	rVB	30317	54348	3.50%	0.825%
7	2.981	581	588	600	rVB3	17598	33612	2.17%	0.510%
8	4.222	951	974	1010	rBV2	565582	1551537	100.00%	23.554%
9	4.646	1089	1106	1125	rBV	92047	220212	14.19%	3.343%
10	5.337	1299	1321	1354	rBV2	183790	512140	33.01%	7.775%
11	5.884	1477	1491	1516	rBV	206665	406210	26.18%	6.167%
12	6.328	1613	1629	1648	rBV	117628	239686	15.45%	3.639%
13	7.228	1897	1909	1924	rBV	62951	115920	7.47%	1.760%
14	7.398	1949	1962	1971	rBV3	9284	17848	1.15%	0.271%
15	7.562	1998	2013	2031	rBV	253779	442293	28.51%	6.714%
16	7.852	2089	2103	2120	rBV2	36445	67350	4.34%	1.022%
17	8.312	2232	2246	2291	rBV	359459	644790	41.56%	9.788%
18	9.086	2473	2487	2515	rBV	299975	504143	32.49%	7.653%
19	9.373	2563	2576	2588	rBV2	18935	32394	2.09%	0.492%
20	10.430	2893	2905	2924	rBV	108918	177537	11.44%	2.695%
21	10.607	2951	2960	2971	rBV3	9179	16470	1.06%	0.250%
22	11.482	3220	3232	3260	rBV	314871	517225	33.34%	7.852%
23	11.749	3304	3315	3336	rBV2	21673	44835	2.89%	0.681%
24	11.858	3336	3349	3373	rVB	270188	448437	28.90%	6.808%

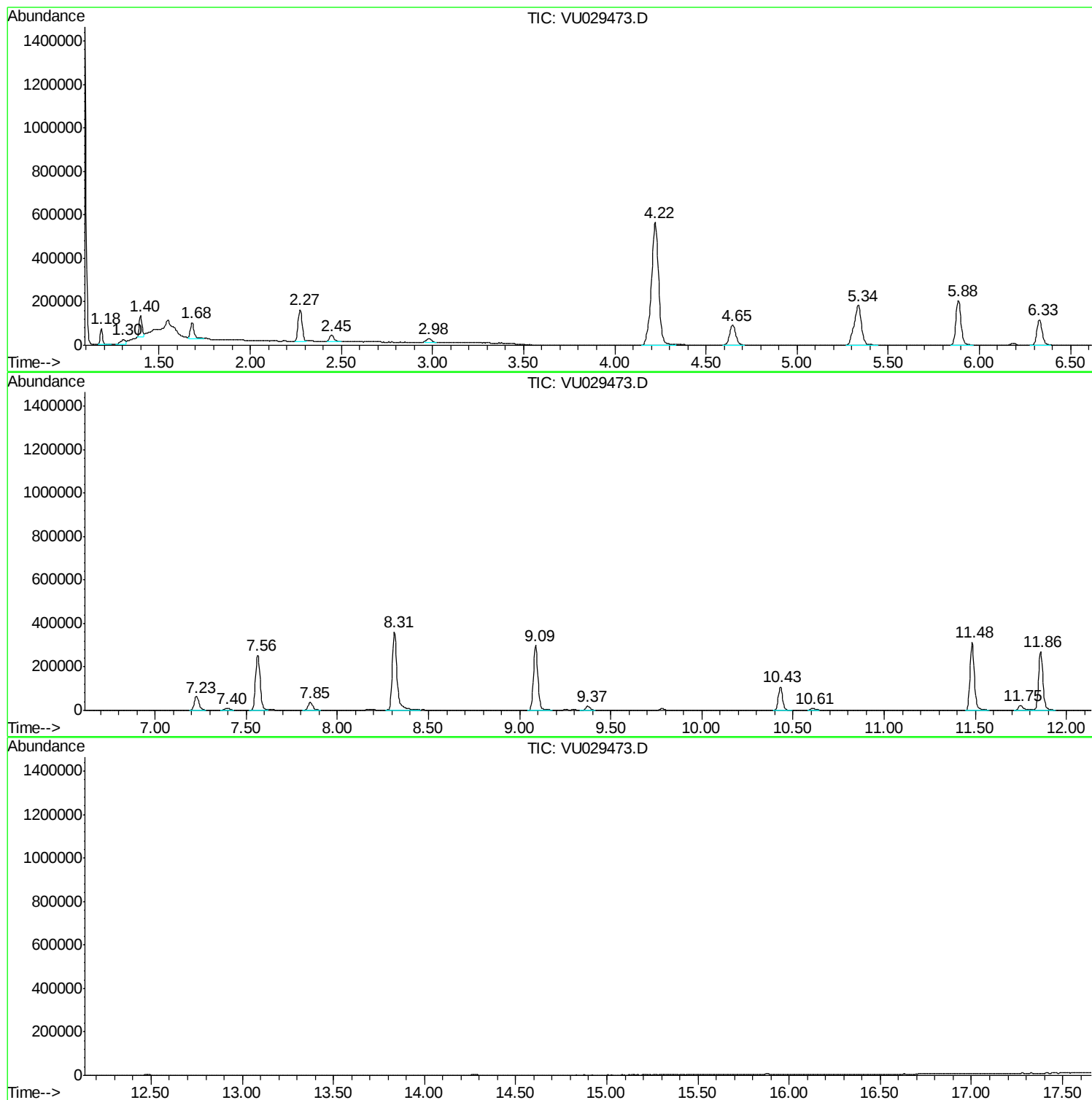
Sum of corrected areas: 6587266

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

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



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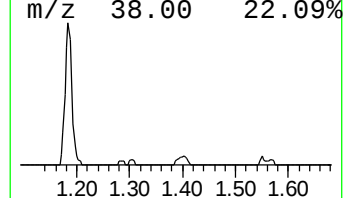
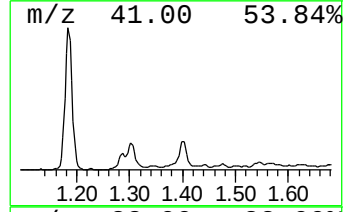
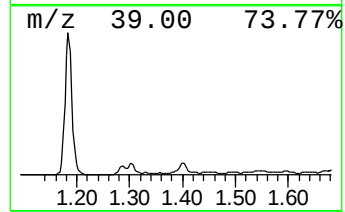
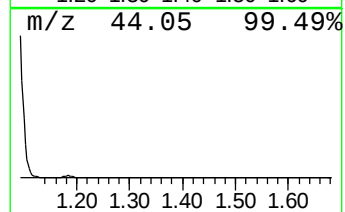
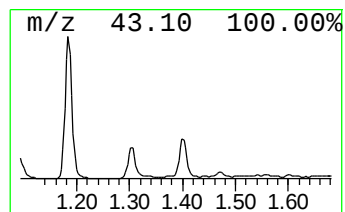
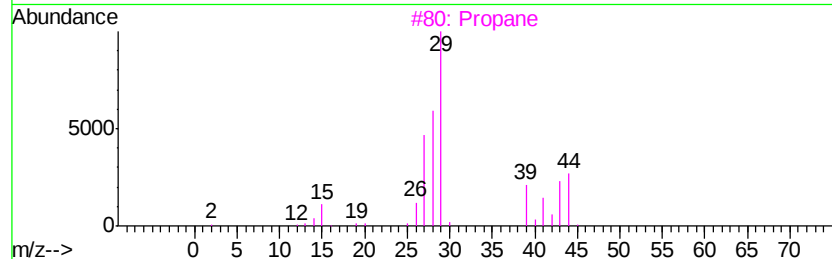
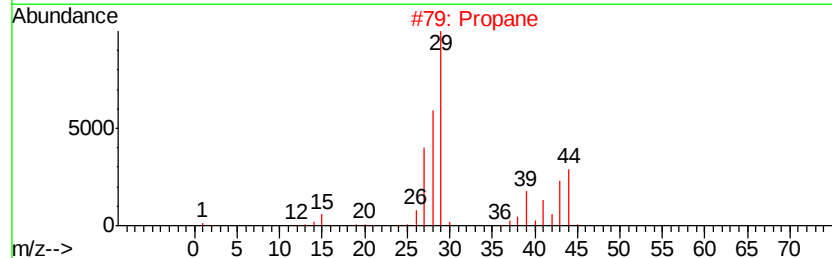
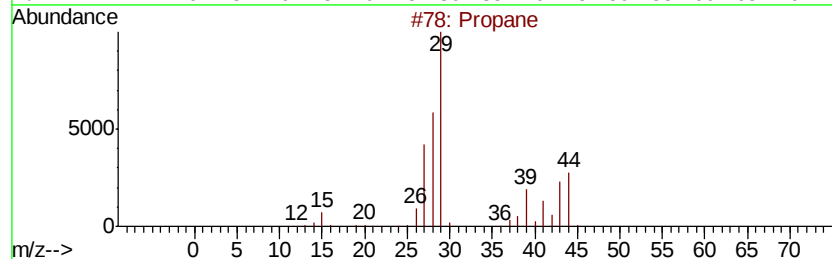
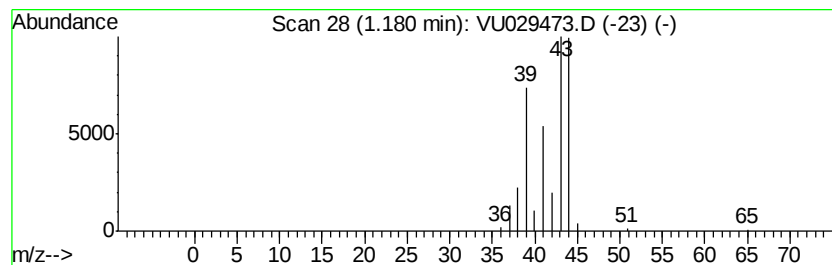
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	0.87 ug/L	70377	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane			44	C3H8	000074-98-6	90
2	Propane			44	C3H8	000074-98-6	83
3	Propane			44	C3H8	000074-98-6	9
4	Propene			42	C3H6	000115-07-1	9
5	Acetaldehyde			44	C2H4O	000075-07-0	5



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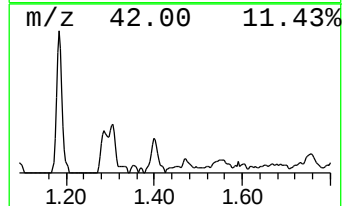
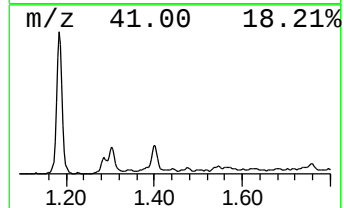
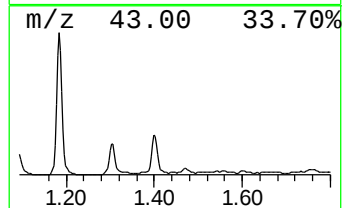
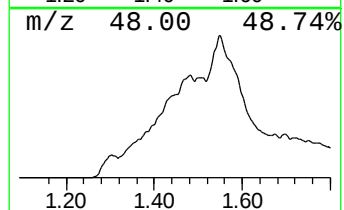
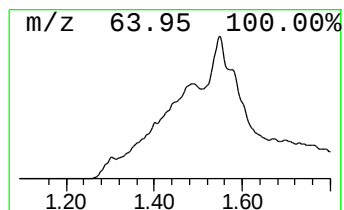
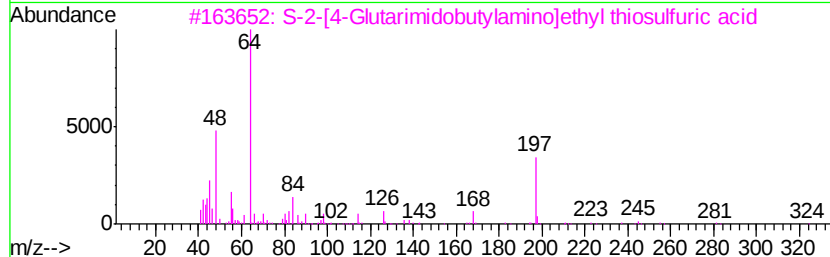
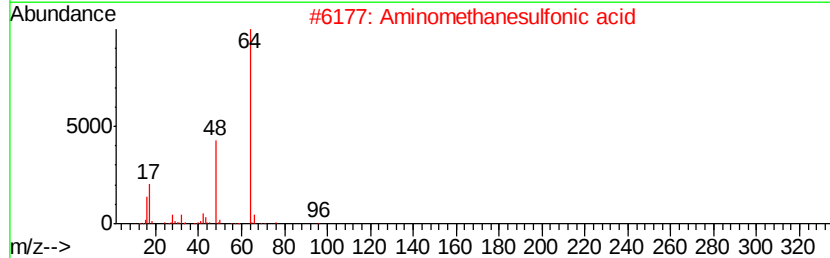
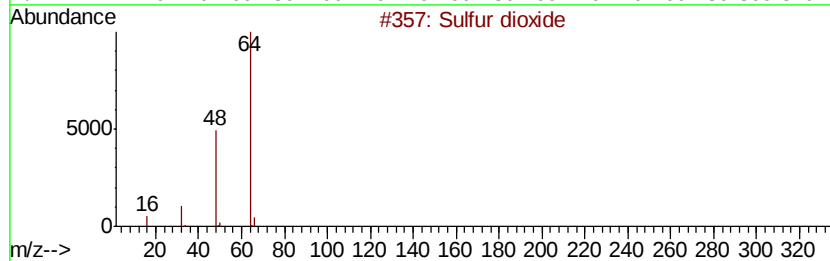
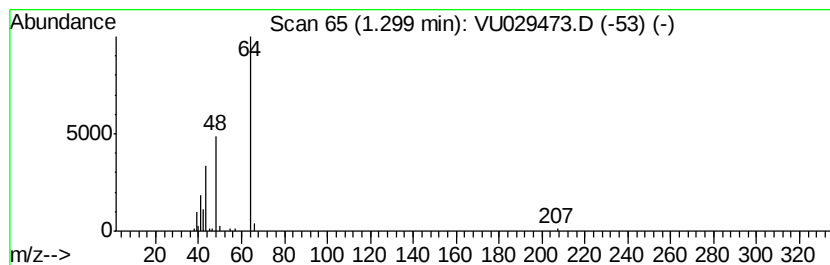
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Quant Title : TRACE VOA SOM01.0

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Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	0.55 ug/L	44361	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide		64	O2S	007446-09-5	86
2	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	64
3	S-2-[4-Glutarimidobutylamino]eth...		324	C11H20N2O5S2	031701-78-7	64
4	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	25
5	Thiosulfuric acid (H2S2O3), S-(2...		320	C11H16N2O3S3	040284-00-2	9



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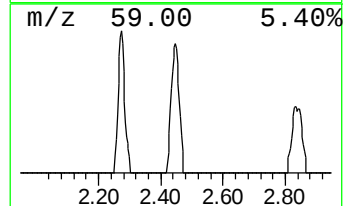
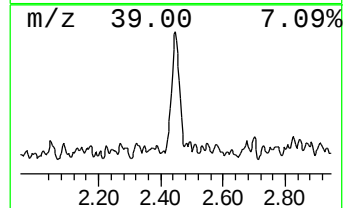
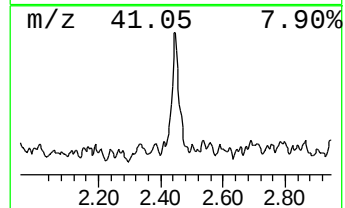
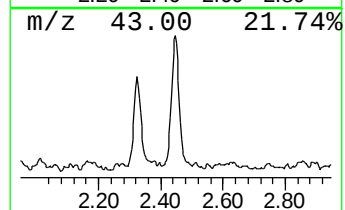
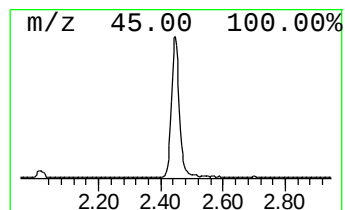
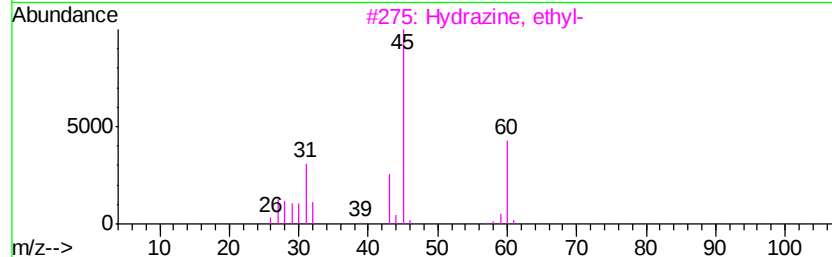
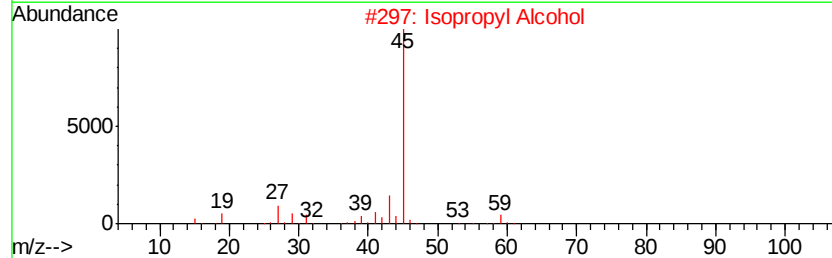
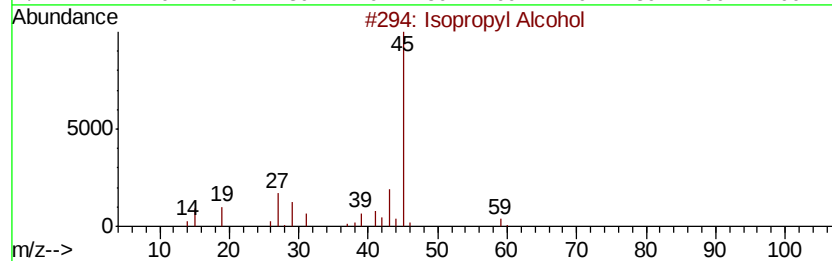
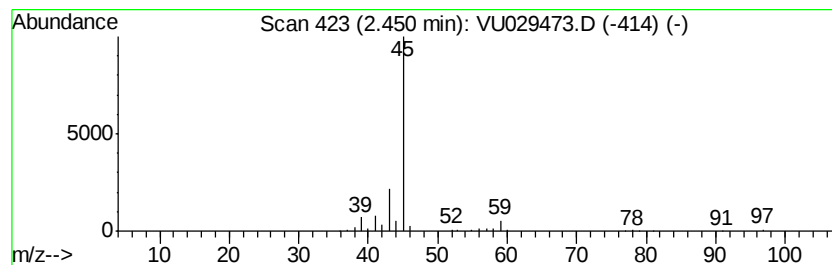
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Peak Number 3 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.67 ug/L	54348	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	43
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5		2-Pentanol	88	C5H12O	006032-29-7	40



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.18	0.9	ug/L	70377	1	5.88	406210	5.0
Sulfur dioxide	1.30	0.6	ug/L	44361	1	5.88	406210	5.0
Isopropyl Alcohol	2.45	0.7	ug/L	54348	1	5.88	406210	5.0