

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\
 Data File : VU029522.D
 Acq On : 18 Feb 2019 11:37
 Operator : JC/SP
 Sample : K1489-01RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF9RE

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	22	29	44	rBV	531085	499344	10.39%	3.953%
2	1.299	58	65	75	rBV	181482	196914	4.10%	1.559%
3	1.399	89	96	114	rBV	986355	1121315	23.33%	8.878%
4	1.678	178	183	197	rVB	83803	102948	2.14%	0.815%
5	2.096	305	313	328	rVB	42389	65889	1.37%	0.522%
6	2.273	358	368	380	rBV	200246	306816	6.38%	2.429%
7	2.450	415	423	440	rVB	44948	82872	1.72%	0.656%
8	2.984	580	589	608	rVB3	43281	111453	2.32%	0.882%
9	4.222	951	974	1008	rBV	1928409	4806683	100.00%	38.055%
10	4.646	1089	1106	1132	rBV	113005	270002	5.62%	2.138%
11	5.337	1298	1321	1356	rBV2	235934	659831	13.73%	5.224%
12	5.884	1477	1491	1512	rBV	239555	465530	9.69%	3.686%
13	6.328	1615	1629	1647	rBV2	150175	305638	6.36%	2.420%
14	7.228	1893	1909	1932	rBV	88417	163684	3.41%	1.296%
15	7.562	2000	2013	2031	rBV	348598	604983	12.59%	4.790%
16	7.849	2089	2102	2120	rBV	53972	95724	1.99%	0.758%
17	8.312	2234	2246	2280	rBV	429107	760680	15.83%	6.022%
18	9.086	2474	2487	2513	rBV	352484	589232	12.26%	4.665%
19	10.430	2892	2905	2921	rBV	130955	213726	4.45%	1.692%
20	11.482	3219	3232	3261	rBV	373951	618090	12.86%	4.893%
21	11.858	3337	3349	3373	rBV	357536	589571	12.27%	4.668%

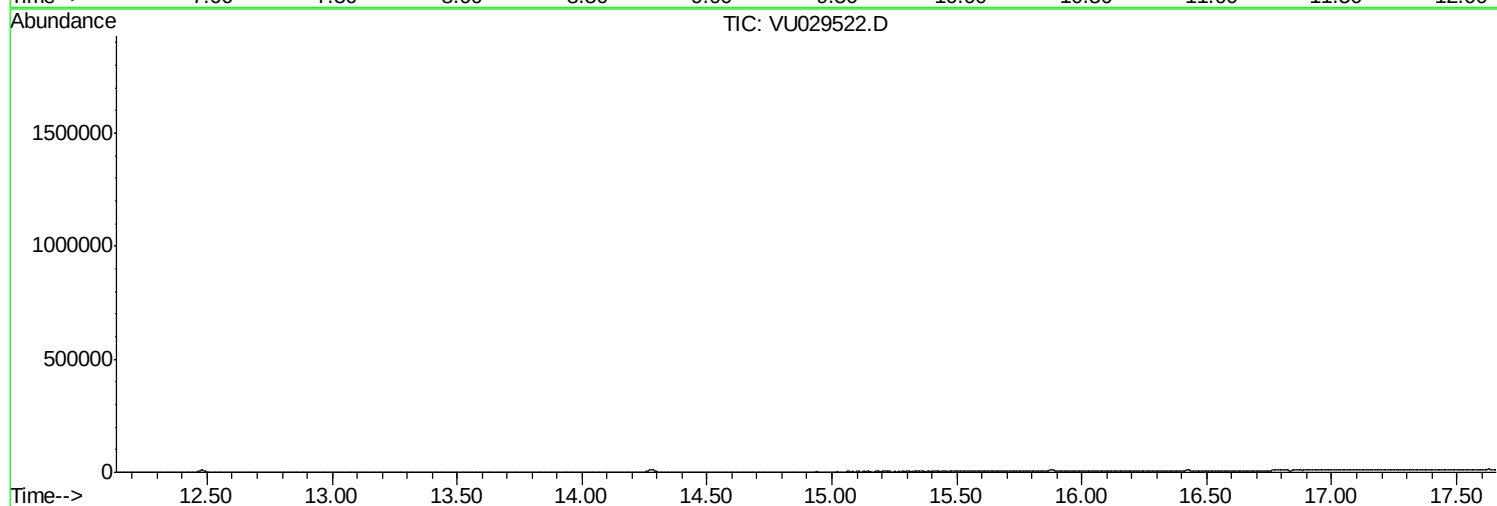
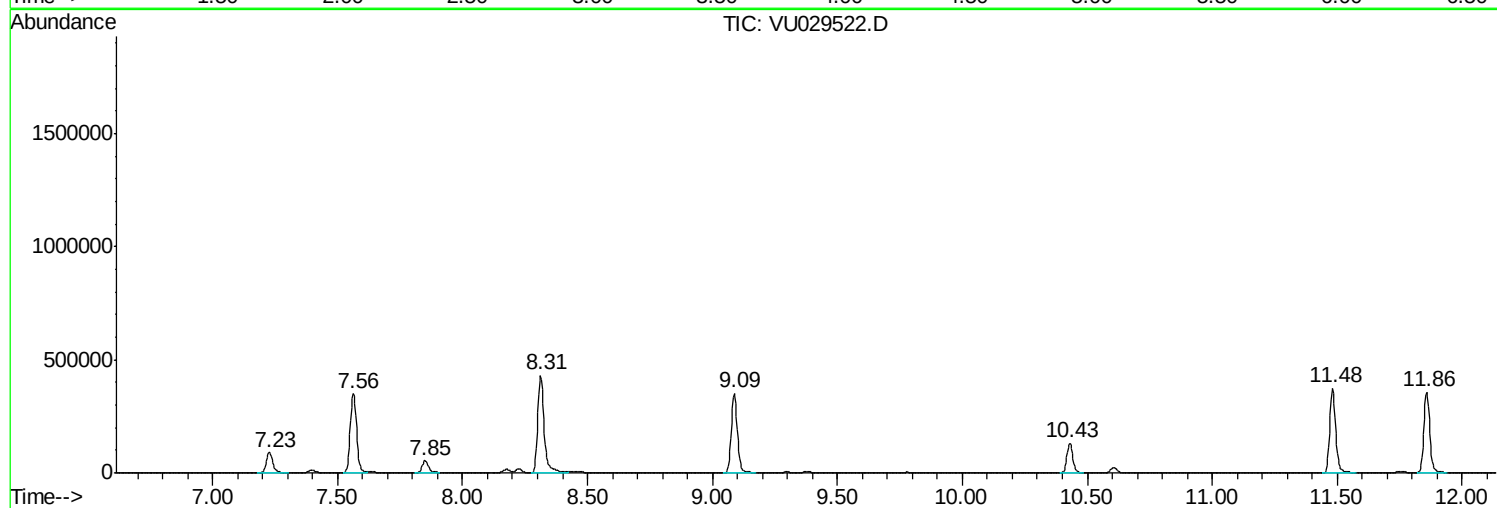
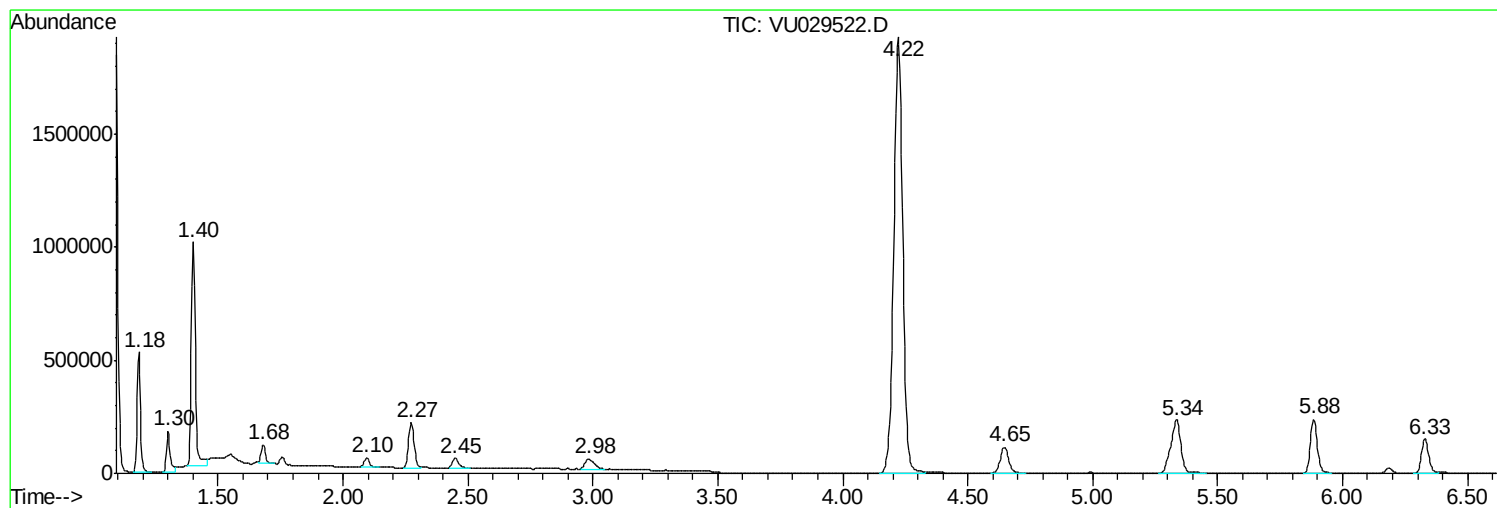
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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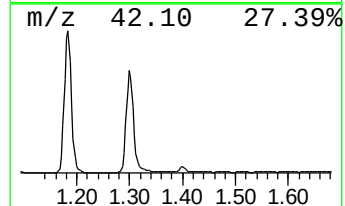
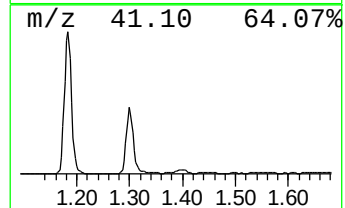
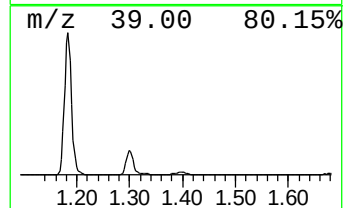
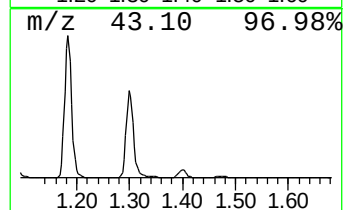
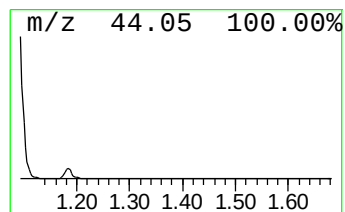
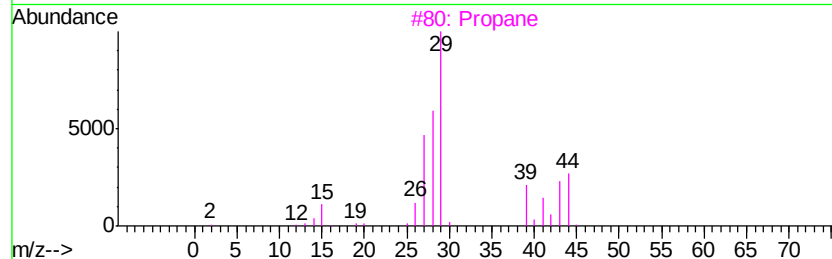
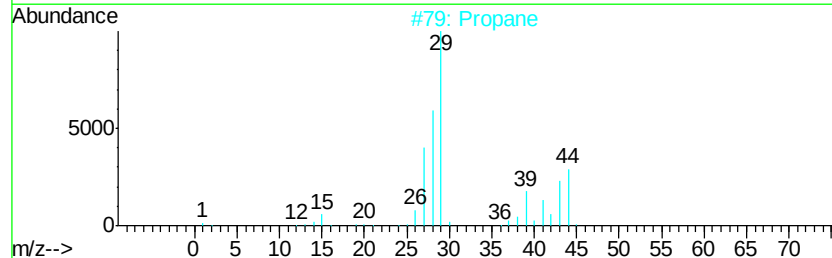
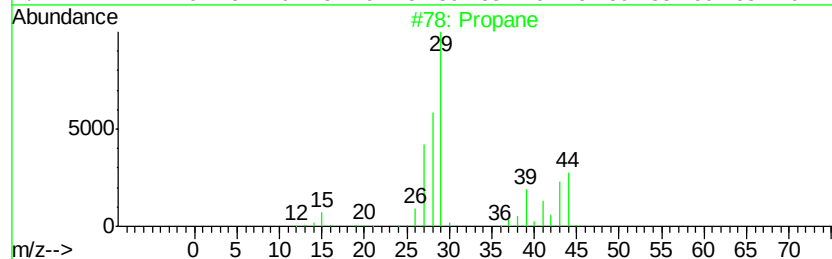
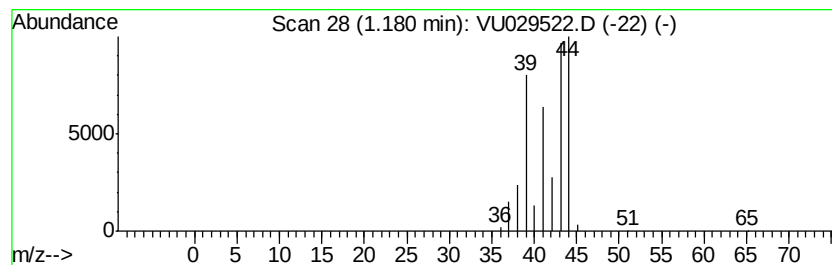
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	5.36 ug/L	499344	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	Ethylene oxide			44	C2H4O	000075-21-8	5



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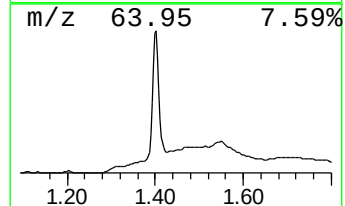
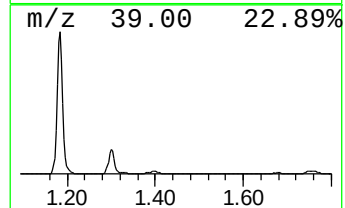
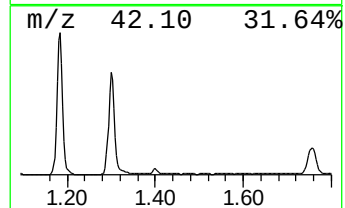
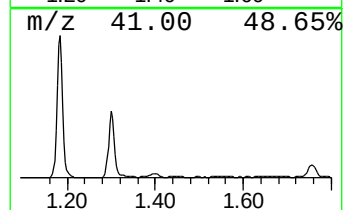
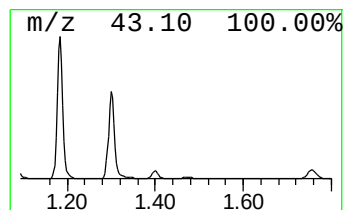
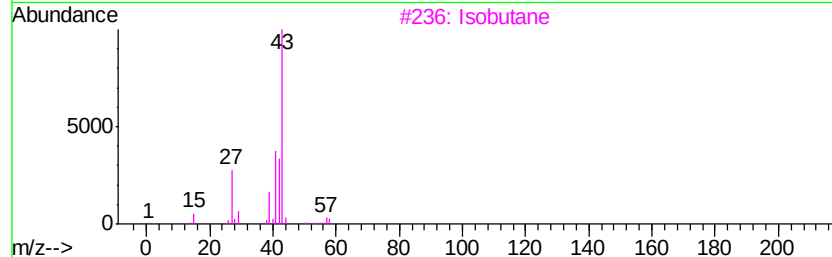
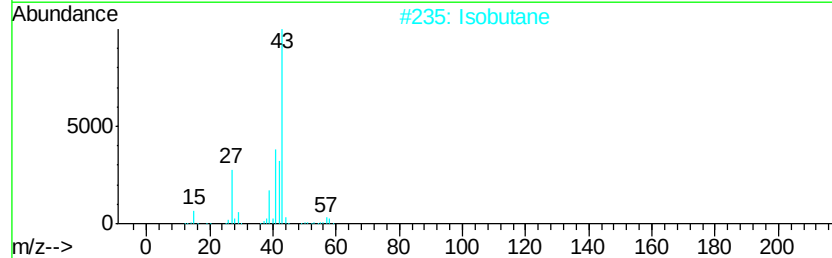
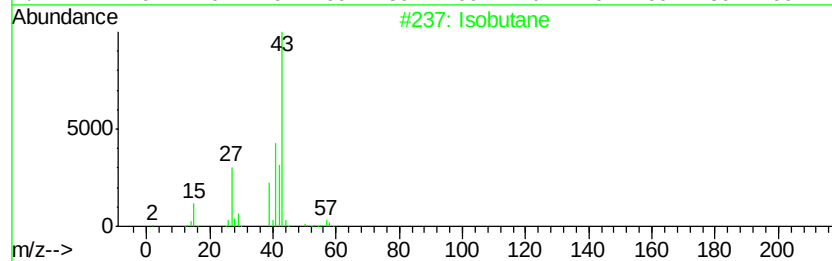
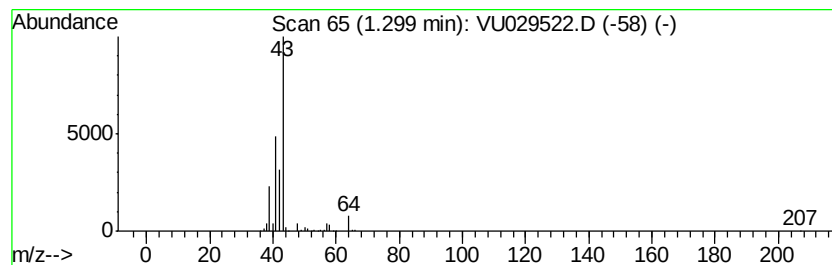
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	2.11 ug/L	196914	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	53
2		Isobutane	58	C4H10	000075-28-5	53
3		Isobutane	58	C4H10	000075-28-5	35
4		Isobutane	58	C4H10	000075-28-5	9
5		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9



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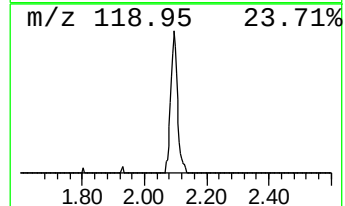
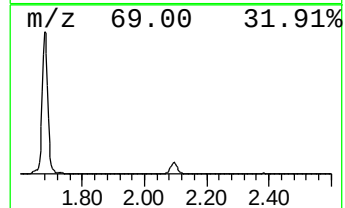
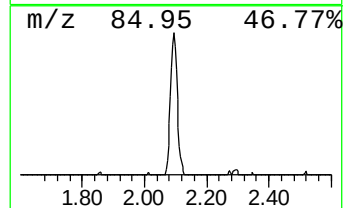
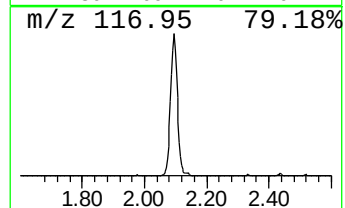
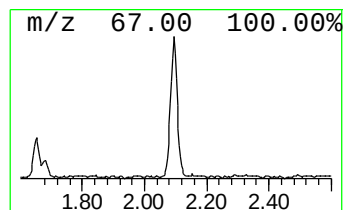
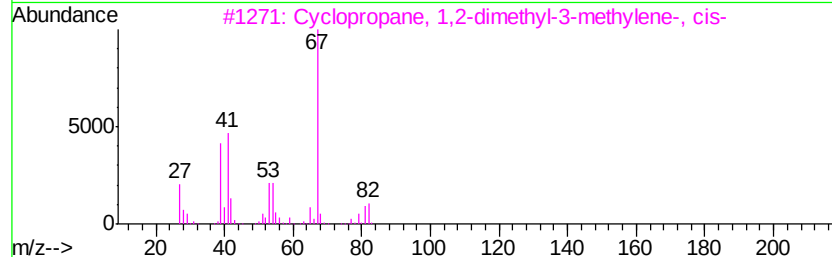
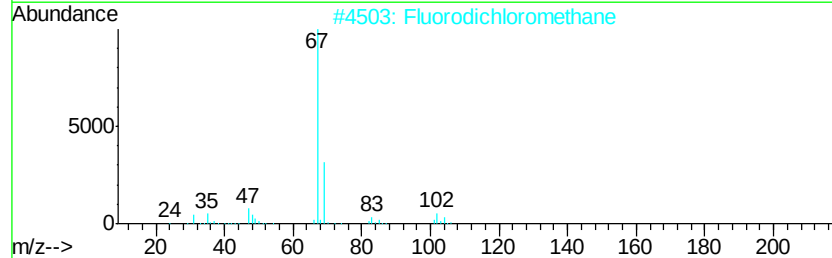
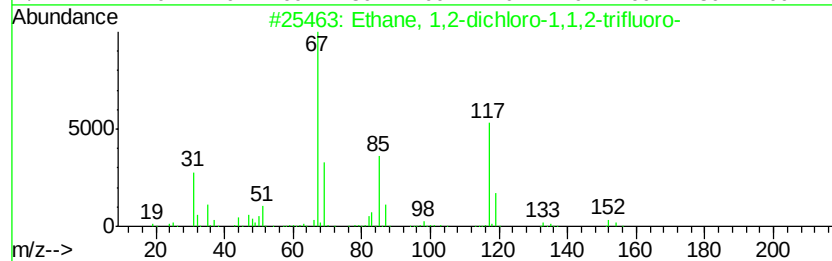
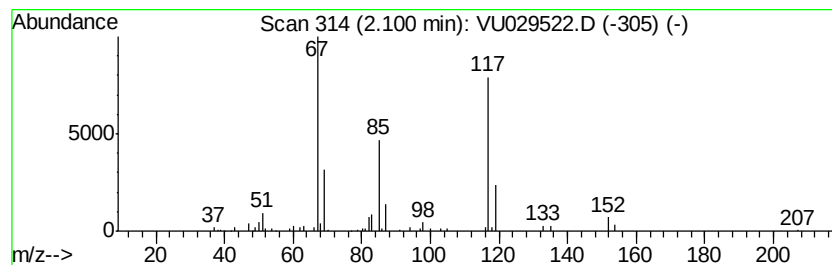
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Peak Number 3 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	0.71 ug/L	65889	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2		Fluorodichloromethane	102	CHCl2F	000075-43-4	12
3		Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	9
4		Acetic acid, chlorodifluoro-, et...	158	C4H5ClF2O2	000383-62-0	9
5		Fluorodichloromethane	102	CHCl2F	000075-43-4	9



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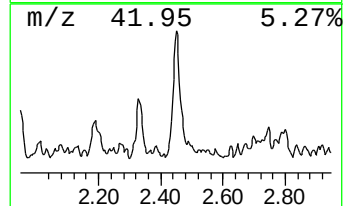
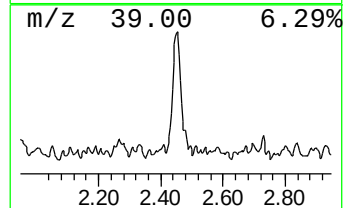
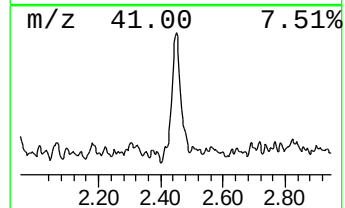
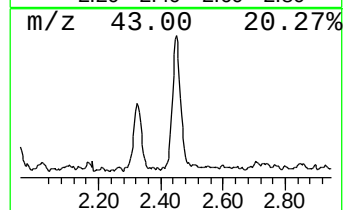
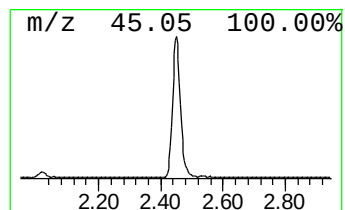
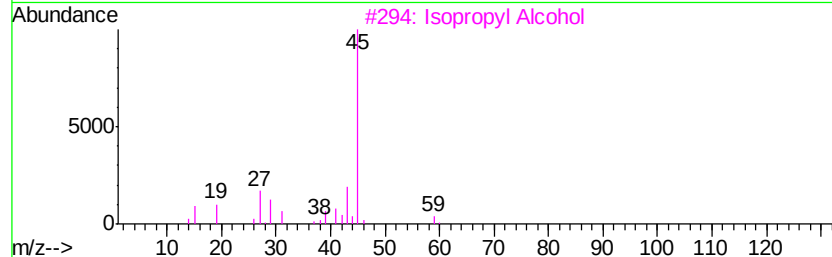
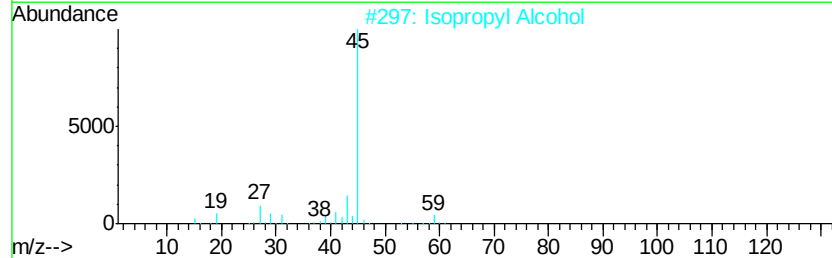
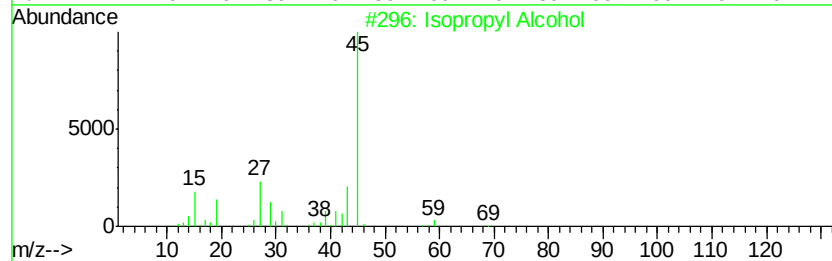
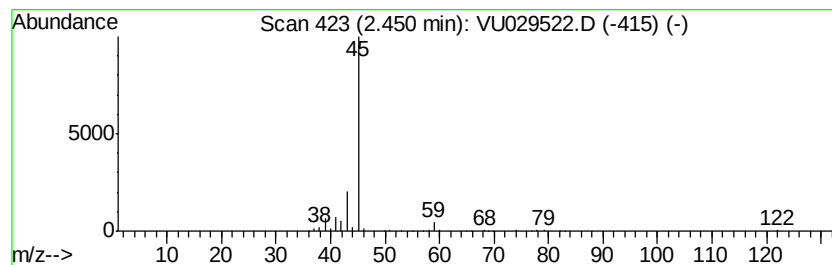
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.89 ug/L	82872	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.18	5.4	ug/L	499344	1	5.88	465530	5.0
(DEL) Alkane: Str...	1.30	2.1	ug/L	196914	1	5.88	465530	5.0
Ethane, 1,2-dichl...	2.10	0.7	ug/L	65889	1	5.88	465530	5.0
Isopropyl Alcohol	2.45	0.9	ug/L	82872	1	5.88	465530	5.0