

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090519\
 Data File : VN057696.D
 Acq On : 5 Sep 2019 11:24
 Operator : JC/SP
 Sample : K4677-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD-(SEP)

Integration Parameters: RTEINT3.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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 N\METHODS\624N090319W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.806	3	10	24	rVB3	7944	14489	1.01%	0.197%
2	2.439	192	207	218	rBV2	55945	92946	6.46%	1.264%
3	3.796	613	629	647	rBV	199954	521109	36.24%	7.089%
4	4.034	686	703	725	rBV2	62371	189695	13.19%	2.580%
5	5.021	992	1010	1023	rBV5	7219	23768	1.65%	0.323%
6	7.178	1660	1681	1707	rBV2	174833	480072	33.38%	6.530%
7	8.014	1922	1941	1962	rBV2	214971	493036	34.28%	6.707%
8	8.574	2100	2115	2139	rBV	439666	925381	64.35%	12.588%
9	9.895	2511	2526	2544	rBV5	12464	31319	2.18%	0.426%
10	10.085	2570	2585	2595	rVV	666808	1225649	85.23%	16.672%
11	10.149	2595	2605	2629	rVV	766396	1438086	100.00%	19.562%
12	10.850	2813	2823	2835	rVB6	8218	15144	1.05%	0.206%
13	11.407	2977	2996	3014	rBV	563699	997160	69.34%	13.564%
14	11.808	3112	3121	3129	rVB5	9277	14429	1.00%	0.196%
15	12.403	3292	3306	3326	rBV2	319631	554640	38.57%	7.545%
16	12.895	3449	3459	3466	rBV9	8796	15605	1.09%	0.212%
17	12.950	3466	3476	3484	rBV5	25423	42699	2.97%	0.581%
18	13.021	3490	3498	3516	rVB5	26569	61175	4.25%	0.832%
19	13.156	3526	3540	3555	rVB7	44819	118223	8.22%	1.608%
20	13.291	3571	3582	3590	rBV3	21691	36028	2.51%	0.490%
21	13.358	3590	3603	3606	rBV5	34628	60792	4.23%	0.827%

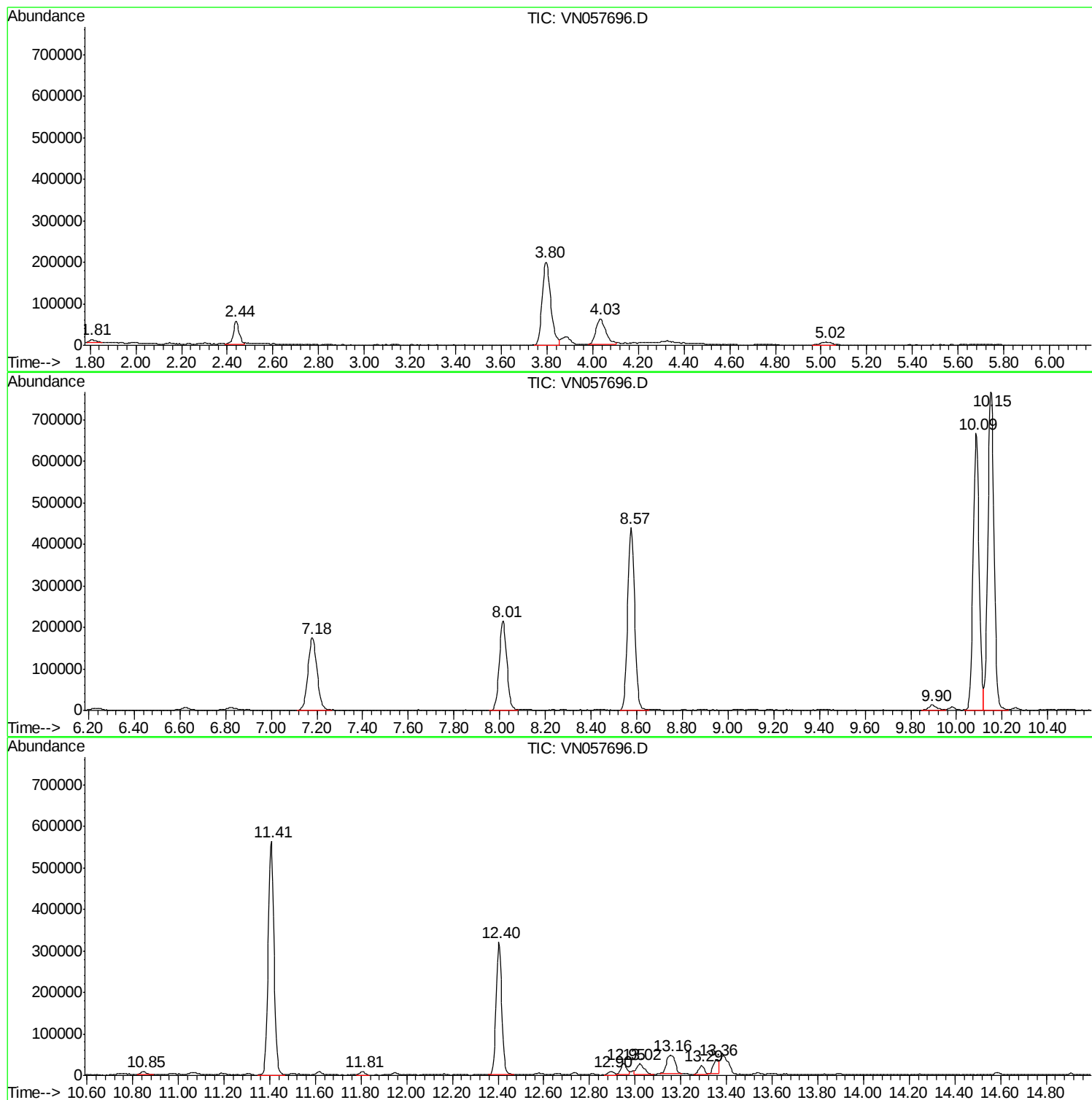
Sum of corrected areas: 7351445

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
001-WILLETS-PT-BLVD-(SEP)

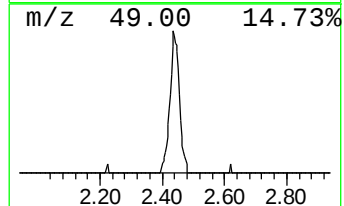
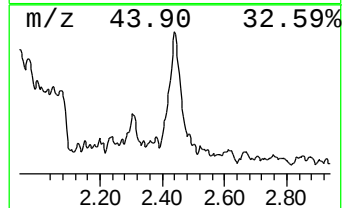
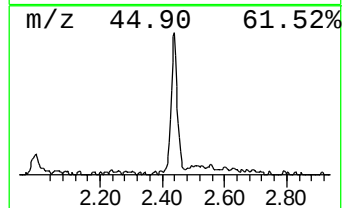
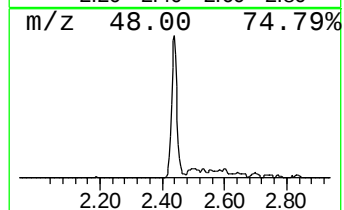
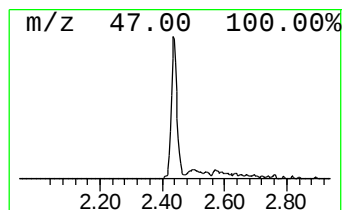
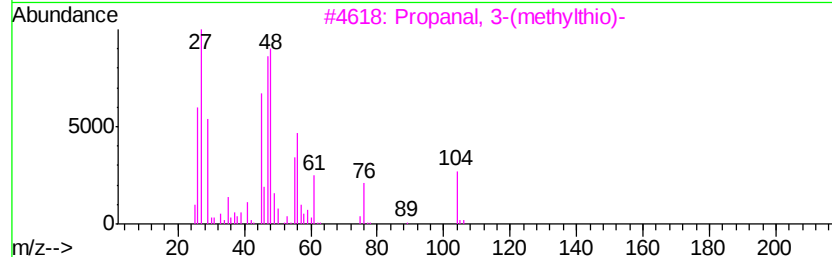
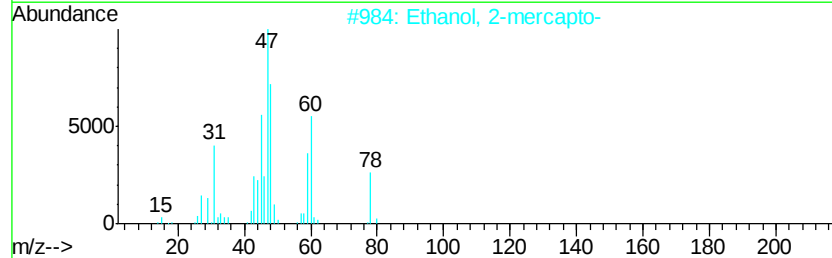
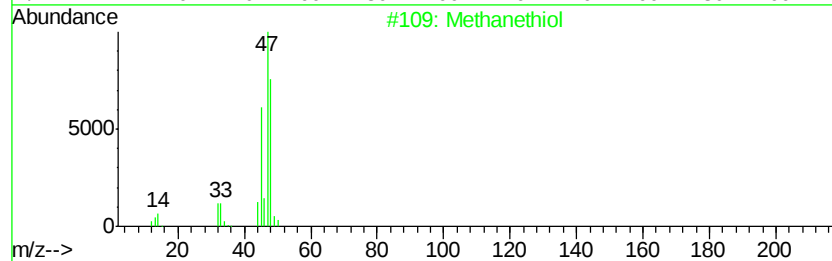
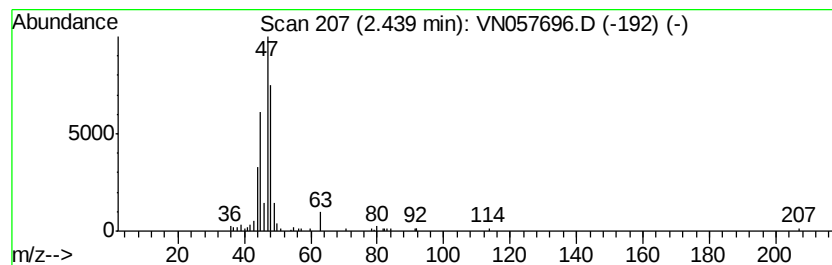
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.81 ug/l	92946	Bromochloromethane	7.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	80
2			Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	64
3			Propanal, 3-(methylthio)-	104	C4H8OS	003268-49-3	56
4			Formamide, N-methoxy-	75	C2H5NO2	034005-41-9	25
5			Methanethiol	48	CH4S	000074-93-1	9



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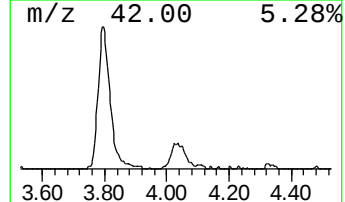
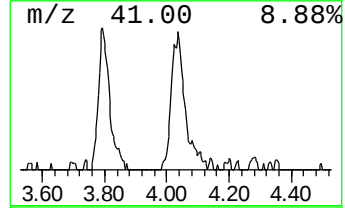
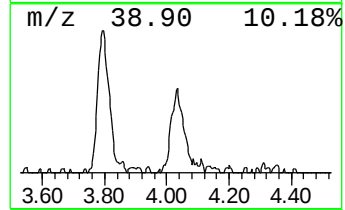
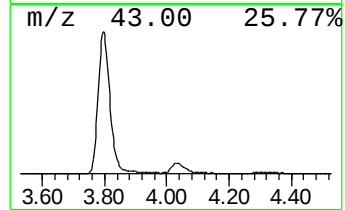
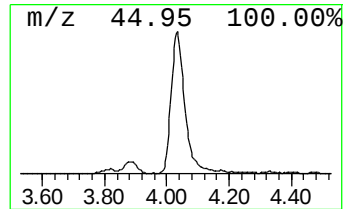
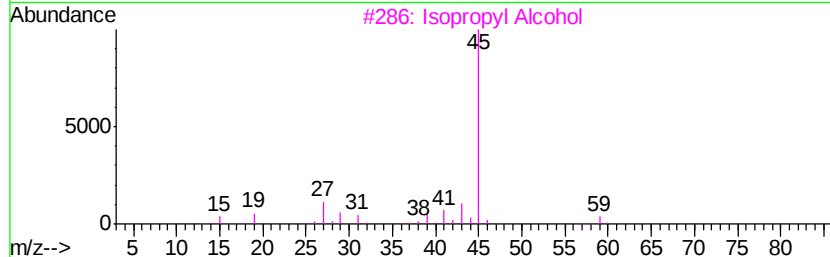
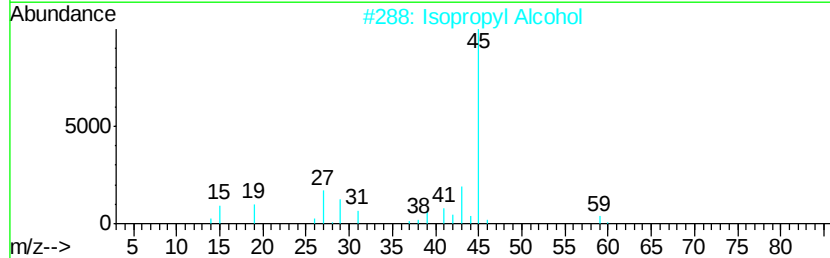
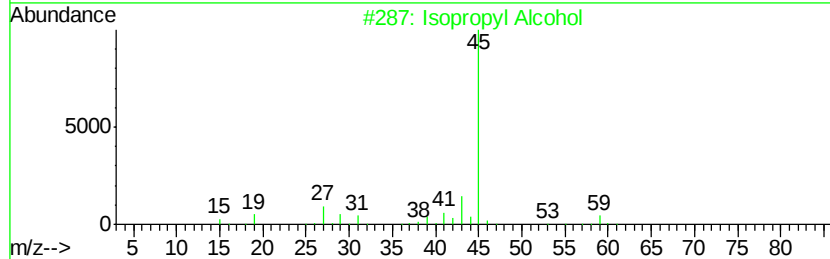
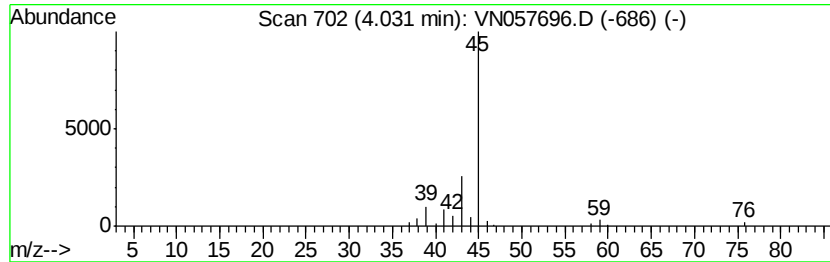
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Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	11.85 ug/l	189695	Bromochloromethane	7.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Isopropyl Alcohol	60 C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60 C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60 C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88 C5H12O	000625-54-7	40
5	(S)-(+)-1,2-Propanediol	76 C3H8O2	004254-15-3	9



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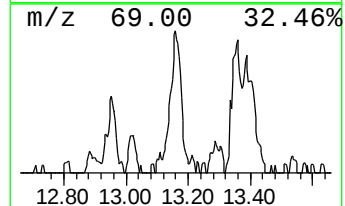
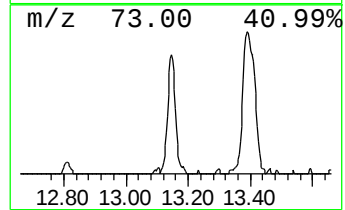
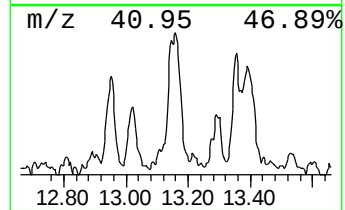
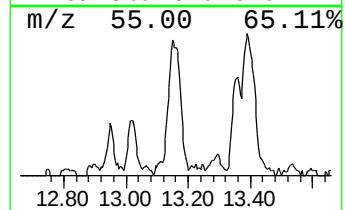
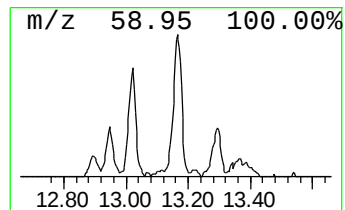
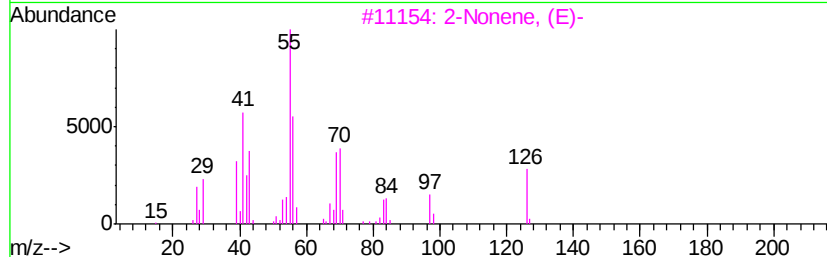
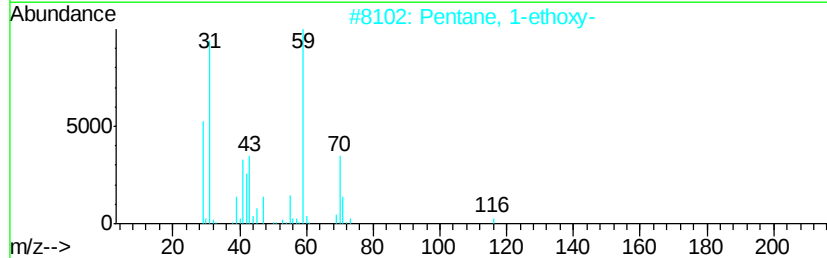
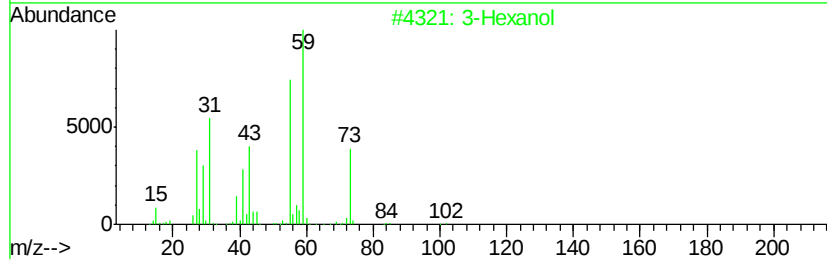
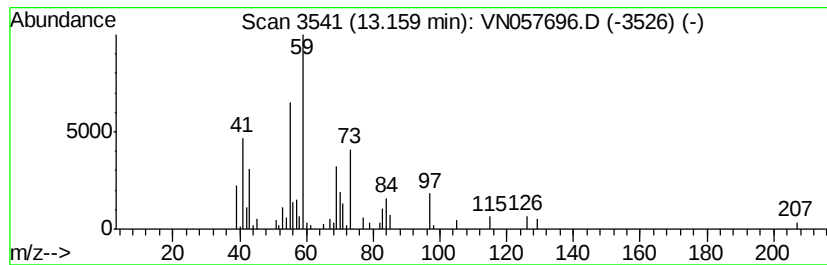
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown13.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.56 ug/l	118223	Chlorobenzene-d5	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Hexanol	102	C6H14O	000623-37-0	47
2			Pentane, 1-ethoxy-	116	C7H16O	017952-11-3	38
3			2-Nonene, (E)-	126	C9H18	006434-78-2	25
4			cis-2-Nonene	126	C9H18	006434-77-1	22
5			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	2.44	5.8	ug/l	92946	1	7.18	480072	30.0
Isopropyl Alcohol	4.03	11.9	ug/l	189695	1	7.18	480072	30.0
unknown13.16	13.16	3.6	ug/l	118223	3	11.41	997160	30.0